

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\  
 Data File : VN061742.D  
 Acq On : 11 Jun 2020 12:16  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

Quant Time: Jun 12 05:17:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 02:14:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 365582   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 554792   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 524752   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 273192   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.98   | 65  | 183939   | 42.23 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 84.46%  |      |
| 35) Dibromofluoromethane  | 7.54   | 113 | 144397   | 51.31 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.62% |      |
| 50) Toluene-d8            | 10.06  | 98  | 642946   | 49.30 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.60%  |      |
| 62) 4-Bromofluorobenzene  | 12.37  | 95  | 231411   | 48.63 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.26%  |      |

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## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 194995  | 46.284  | ug/l | 99     |
| 3) Chloromethane              | 2.03 | 50  | 185861  | 41.683  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 259037  | 42.393  | ug/l | 99     |
| 5) Bromomethane               | 2.52 | 94  | 163603  | 46.661  | ug/l | 100    |
| 6) Chloroethane               | 2.66 | 64  | 174836  | 44.453  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 369151  | 46.849  | ug/l | 100    |
| 8) Diethyl Ether              | 3.37 | 74  | 107651  | 44.680  | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101 | 174948  | 50.034  | ug/l | 95     |
| 10) Methyl Iodide             | 3.91 | 142 | 244751  | 50.424  | ug/l | 97     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 129475  | 223.481 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.69 | 96  | 169879  | 45.476  | ug/l | 92     |
| 13) Acrolein                  | 3.56 | 56  | 35452   | 205.821 | ug/l | 97     |
| 14) Allyl chloride            | 4.27 | 41  | 204429  | 41.859  | ug/l | 97     |
| 15) Acrylonitrile             | 4.93 | 53  | 352969  | 218.273 | ug/l | 99     |
| 16) Acetone                   | 3.77 | 43  | 328188  | 273.989 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.01 | 76  | 337606  | 41.078  | ug/l | 99     |
| 18) Methyl Acetate            | 4.27 | 43  | 173420  | 43.981  | ug/l | 97     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 563798  | 44.284  | ug/l | 98     |
| 20) Methylene Chloride        | 4.50 | 84  | 195788  | 49.435  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 4.98 | 96  | 192438  | 45.679  | ug/l | 92     |
| 22) Diisopropyl ether         | 5.90 | 45  | 484196  | 44.983  | ug/l | 99     |
| 23) Vinyl Acetate             | 5.84 | 43  | 1764824 | 205.712 | ug/l | 97     |
| 24) 1,1-Dichloroethane        | 5.79 | 63  | 310548  | 45.497  | ug/l | 97     |
| 25) 2-Butanone                | 6.78 | 43  | 440638  | 213.458 | ug/l | 96     |
| 26) 2,2-Dichloropropane       | 6.77 | 77  | 296907  | 47.526  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 228745  | 47.951  | ug/l | 97     |
| 28) Bromochloromethane        | 7.14 | 49  | 122136  | 47.598  | ug/l | 95     |
| 29) Tetrahydrofuran           | 7.16 | 42  | 270486  | 198.708 | ug/l | 96     |
| 30) Chloroform                | 7.33 | 83  | 353466  | 46.809  | ug/l | 98     |
| 31) Cyclohexane               | 7.61 | 56  | 254257  | 41.419  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 7.52 | 97  | 318671  | 46.314  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 248784  | 50.655  | ug/l | 98     |
| 37) Ethyl Acetate             | 6.88 | 43  | 176177  | 44.537  | ug/l | 96     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 263091  | 55.535  | ug/l | 99     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

Quant Time: Jun 12 05:17:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 02:14:10 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.04  | 83   | 294764   | 48.692   | ug/l   | 96       |
| 40) Benzene                    | 8.00  | 78   | 778268   | 51.358   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.12  | 41   | 75958    | 41.911   | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 247191   | 48.724   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.12  | 43   | 316833   | 44.519   | ug/l   | 92       |
| 44) Trichloroethene            | 8.80  | 130  | 243398   | 52.264   | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 188202   | 52.302   | ug/l   | 98       |
| 46) Dibromomethane             | 9.17  | 93   | 139214   | 50.445   | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.37  | 83   | 285541   | 52.224   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.17  | 41   | 138728   | 43.326   | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.16  | 88   | 58486    | 1179.051 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 923936   | 230.377  | ug/l   | 97       |
| 52) Toluene                    | 10.12 | 92   | 525171   | 53.098   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 305566   | 51.878   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 331949   | 52.414   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 205875   | 52.246   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 280033   | 50.874   | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 327485   | 51.963   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 592538   | 251.895  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.72 | 43   | 679191   | 235.809  | ug/l   | 97       |
| 60) Dibromochloromethane       | 10.87 | 129  | 241145   | 53.829   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 216379   | 52.650   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 268434   | 54.344   | ug/l   | 97       |
| 65) Chlorobenzene              | 11.40 | 112  | 582966   | 53.446   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 224261   | 55.217   | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.48 | 91   | 1009667  | 53.555   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.59 | 106  | 801245   | 107.187  | ug/l   | 98       |
| 69) o-Xylene                   | 11.92 | 106  | 378098   | 53.254   | ug/l   | 99       |
| 70) Styrene                    | 11.94 | 104  | 651690   | 55.426   | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 173770   | 55.524   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.22 | 105  | 1014494  | 50.879   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.04 | 43   | 281561   | 44.839   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 258800   | 46.316   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 236742m  | 47.656   | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 268686   | 52.790   | ug/l   | 96       |
| 78) n-propylbenzene            | 12.56 | 91   | 1145270  | 51.450   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 657764   | 49.556   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 847891   | 50.876   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 89868    | 46.262   | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 701919   | 50.268   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 732100   | 49.718   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 853891   | 51.575   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 958055   | 50.492   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 905712   | 51.833   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 482092   | 53.489   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 485982   | 52.930   | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.59 | 91   | 745118   | 50.910   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 126653   | 65.540   | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 456221   | 52.968   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 46166    | 40.512   | ug/l   | 91       |

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Acq On : 11 Jun 2020 12:16  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

Quant Time: Jun 12 05:17:37 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 29 02:14:10 2020  
Response via : Initial Calibration

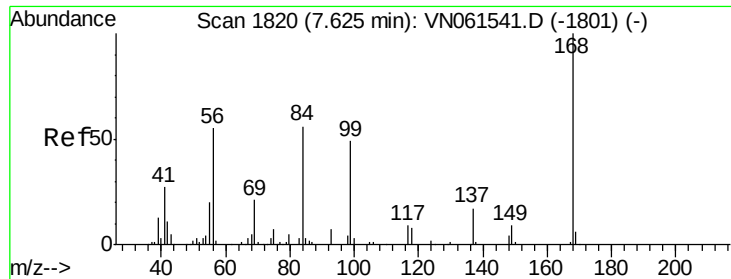
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 276304   | 54.851 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.99 | 225  | 120079   | 55.893 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 750799   | 48.968 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 266371   | 53.783 | ug/l  | 99       |

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 365582

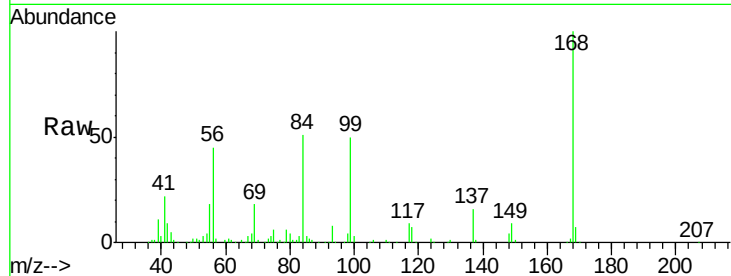
Ion Ratio Lower Upper

168 100

99 49.7 45.0 67.4

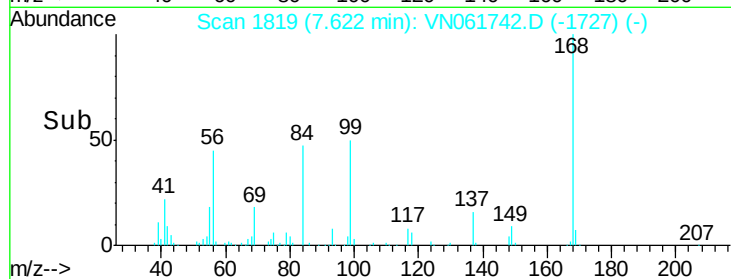
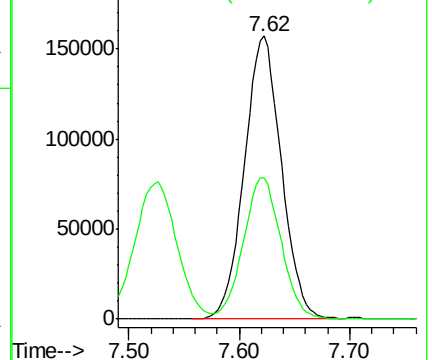
Manual Integrations

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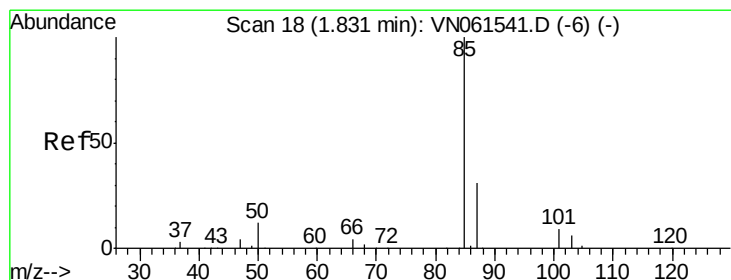
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



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#2

Dichlorodifluoromethane

Concen: 46.284 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061742.D

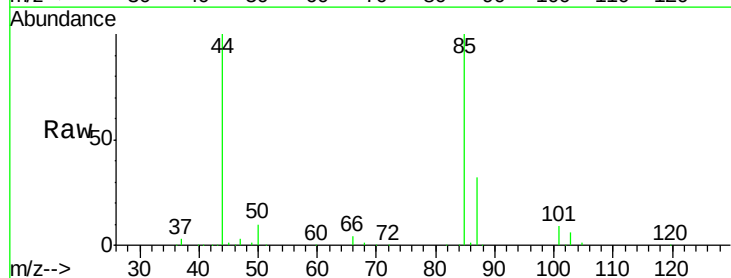
Acq: 11 Jun 2020 12:16

Tgt Ion: 85 Resp: 194995

Ion Ratio Lower Upper

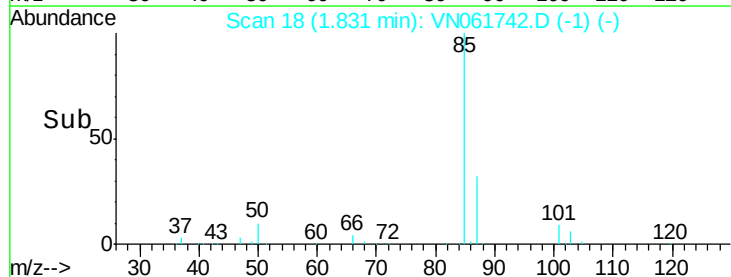
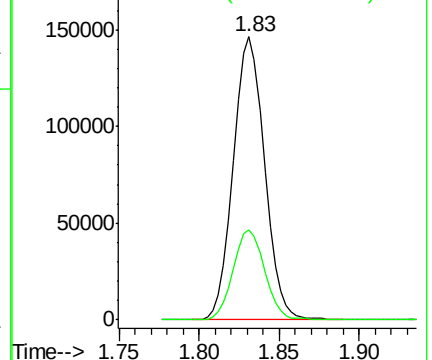
85 100

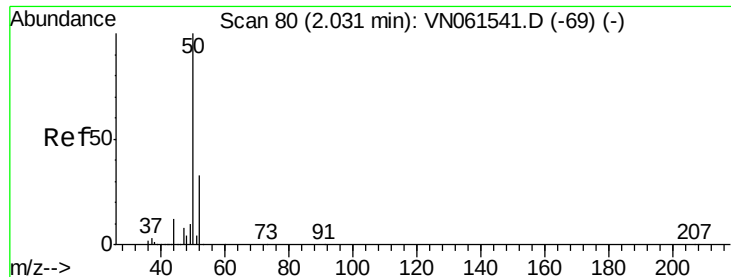
87 32.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 41.683 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

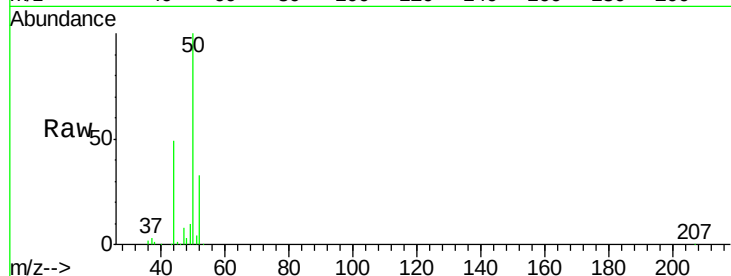
Tot Ion: 50 Resp: 185861

Ion Ratio Lower Upper

50 100

52 33.0 26.7 40.1

Manual Integrations  
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Abundance Ion 49.90 (49.60 to 50.60): VN061742.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN061742.D (-1) (-)

2.03

150000

100000

50000

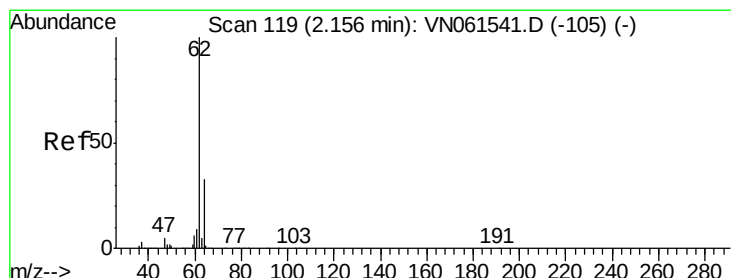
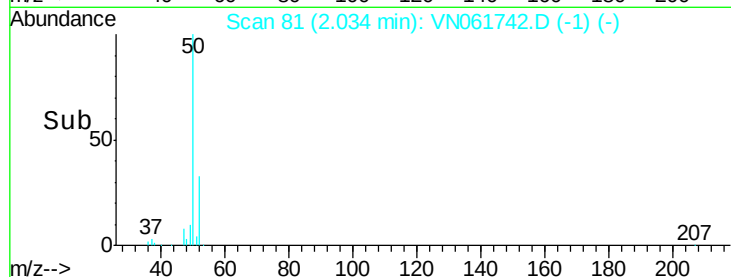
0

2.00 2.05 2.10

Time-->

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#4

Vinyl Chloride

Concen: 42.393 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061742.D

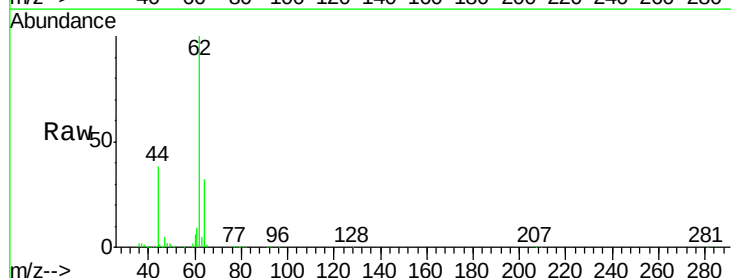
Acq: 11 Jun 2020 12:16

Tgt Ion: 62 Resp: 259037

Ion Ratio Lower Upper

62 100

64 32.0 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN061742.D (-26) (-)

Ion 63.90 (63.60 to 64.60): VN061742.D (-26) (-)

2.16

200000

150000

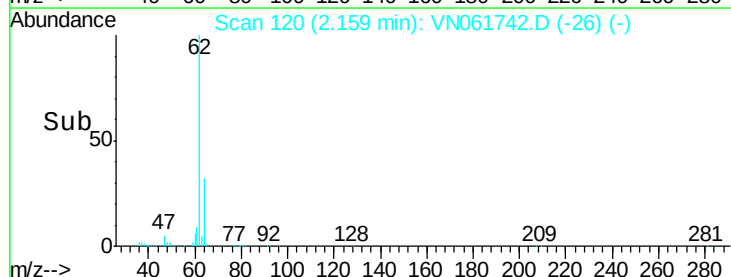
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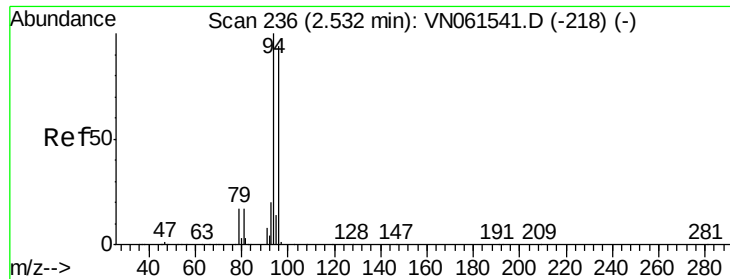
50000

0

2.10 2.15 2.20 2.25

Time-->





#5

Bromomethane

Concen: 46.661 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.01 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

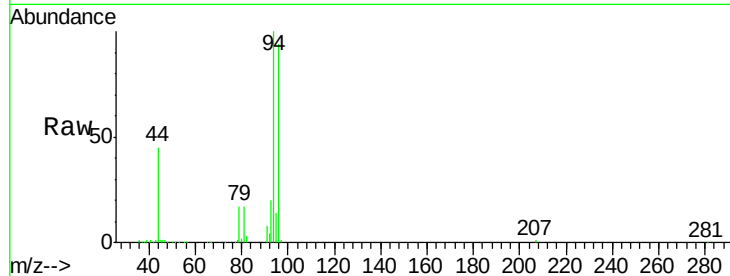
Tot Ion: 94 Resp: 163603

Ion Ratio Lower Upper

94 100

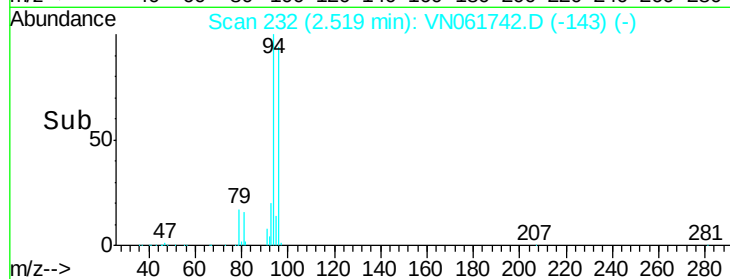
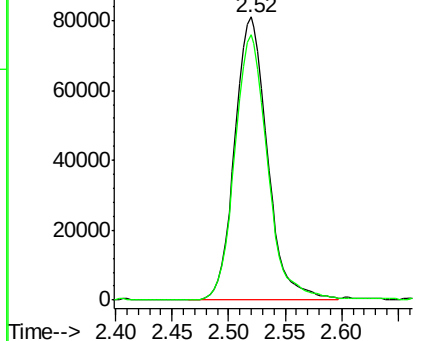
96 93.5 74.8 112.2

Manual Integrations  
APPROVED



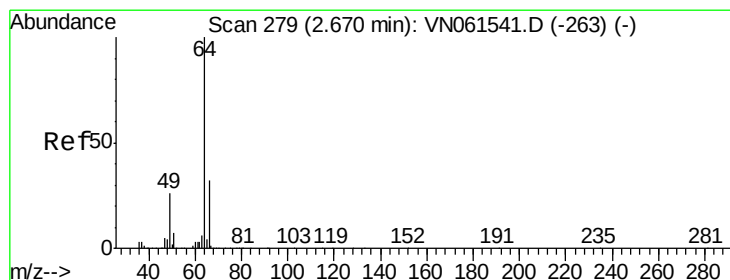
Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



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#6

Chloroethane

Concen: 44.453 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.01 min

Lab File: VN061742.D

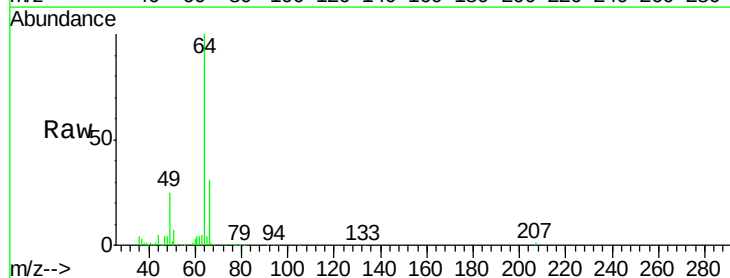
Acq: 11 Jun 2020 12:16

Tgt Ion: 64 Resp: 174836

Ion Ratio Lower Upper

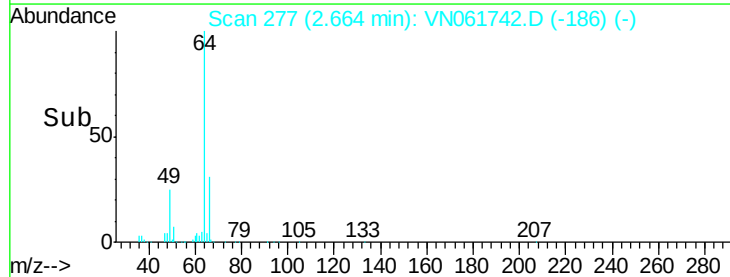
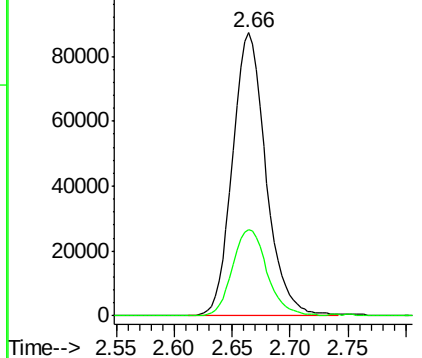
64 100

66 30.6 25.6 38.4

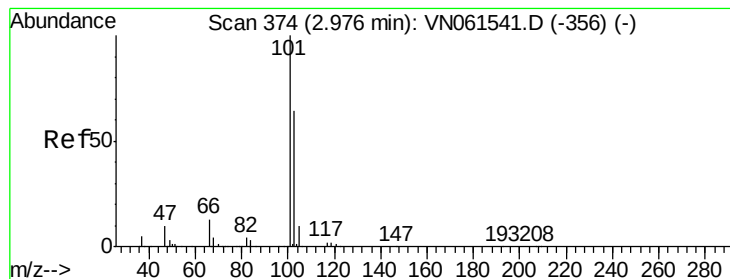


Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0







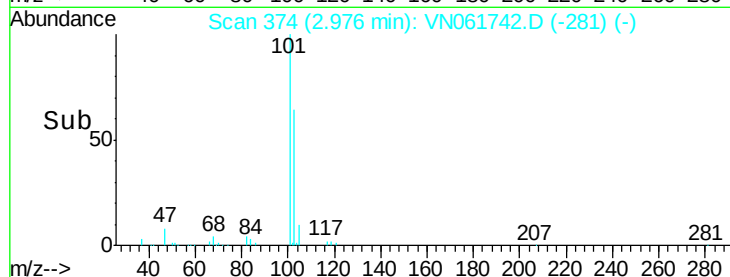
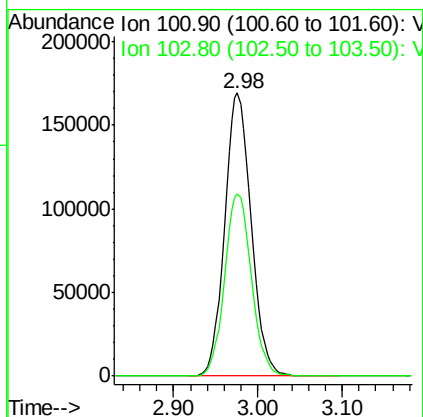
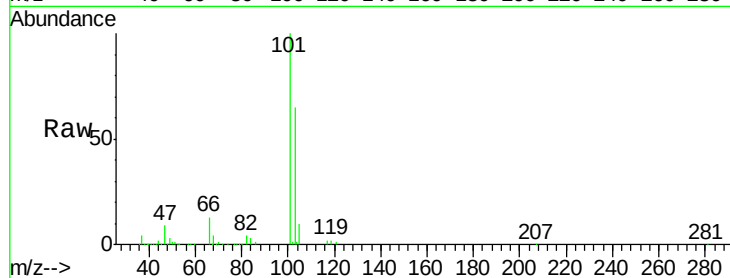
#7

Trichlorofluoromethane  
Concen: 46.849 ug/l  
RT: 2.98 min Scan# 374  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

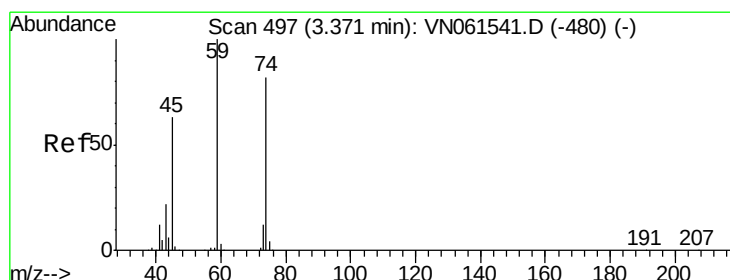
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.5  | 51.4  | 77.2  |

Manual Integrations  
APPROVED



MMDadoda

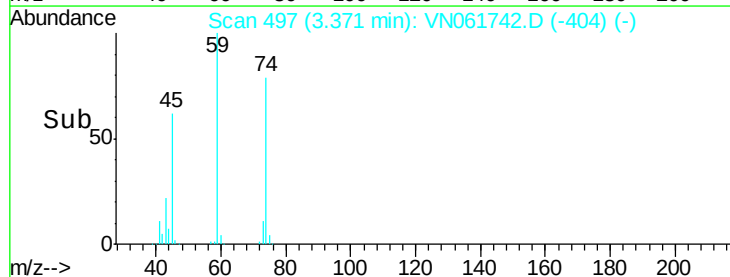
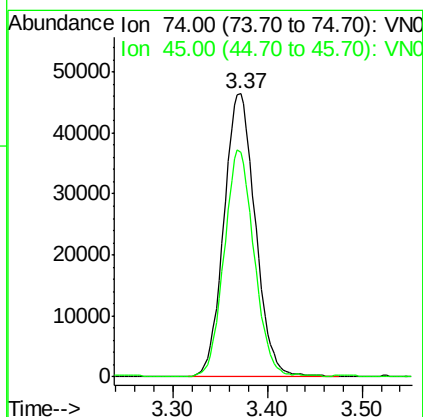
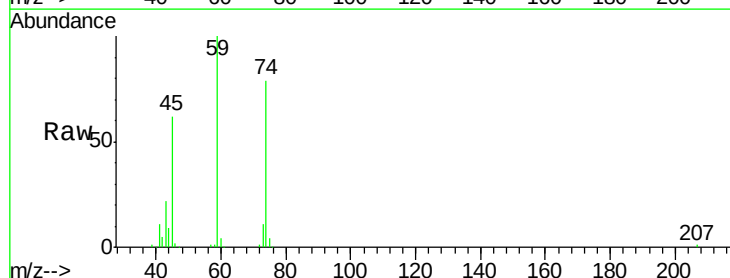
6/12/2020 5:46:08 PM



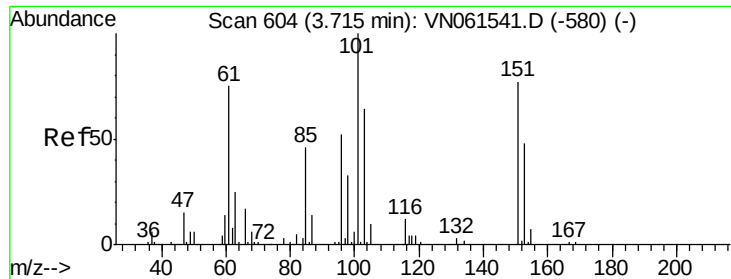
#8

Diethyl Ether  
Concen: 44.680 ug/l  
RT: 3.37 min Scan# 497  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 76.0  | 39.9  | 119.7 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.034 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

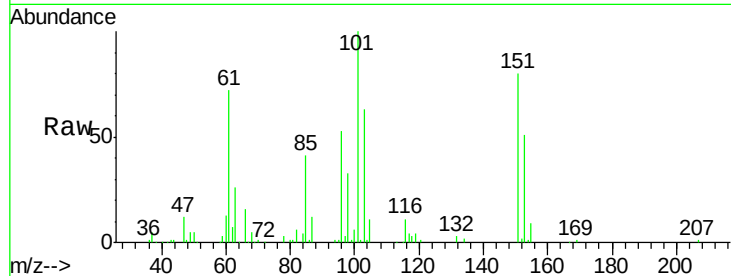
MSVOA\_N

ClientSampleId :

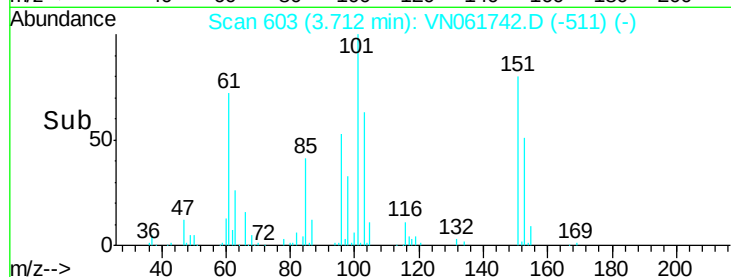
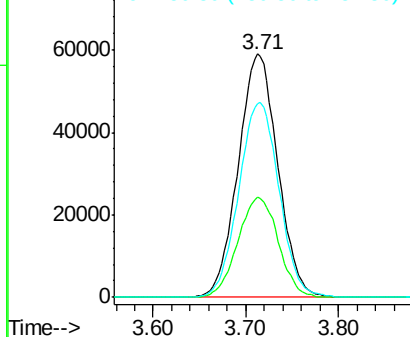
VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 174948 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 41.9  | 35.2  | 52.8   |
| 151       | 81.6  | 61.0  | 91.6   |

Manual Integrations  
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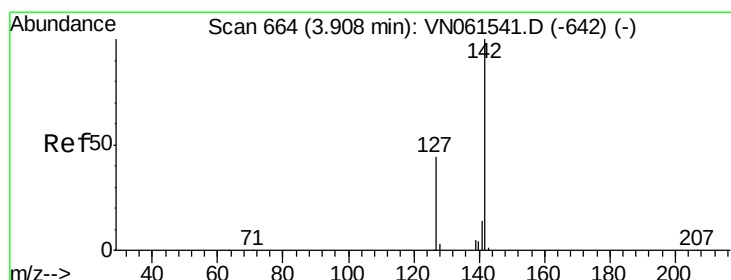


Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): V  
Ion 150.80 (150.50 to 151.50): V



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#10

Methyl Iodide

Concen: 50.424 ug/l

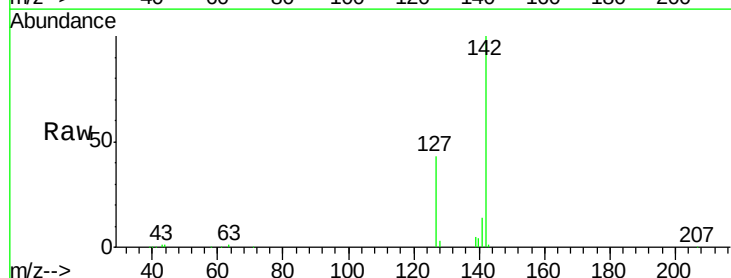
RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

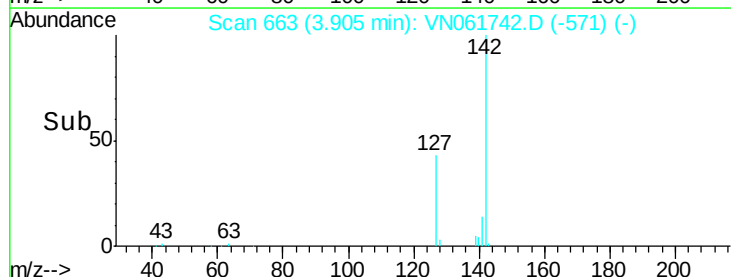
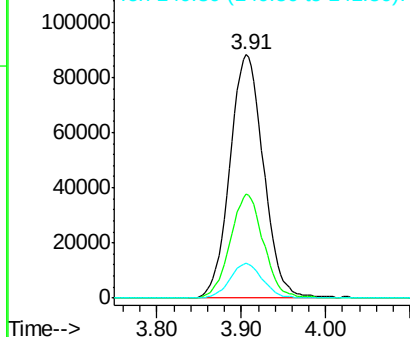
Lab File: VN061742.D

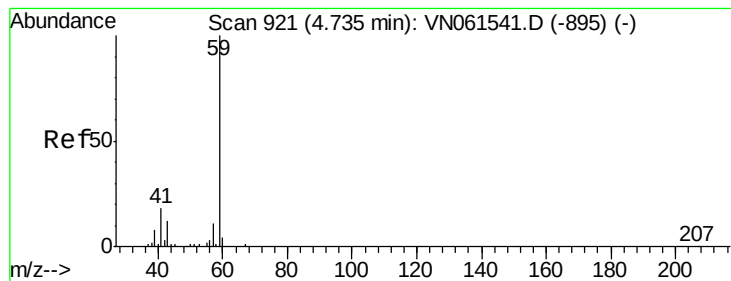
Acq: 11 Jun 2020 12:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 244751 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.3  | 35.5  | 53.3   |
| 141       | 13.9  | 11.5  | 17.3   |



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V





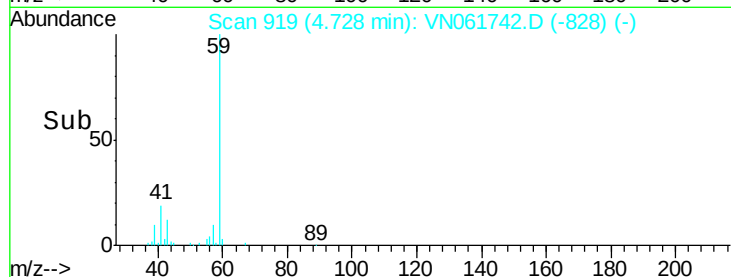
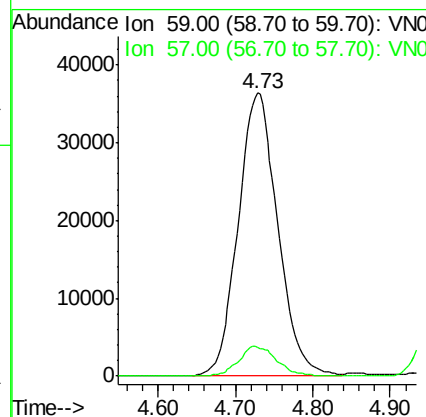
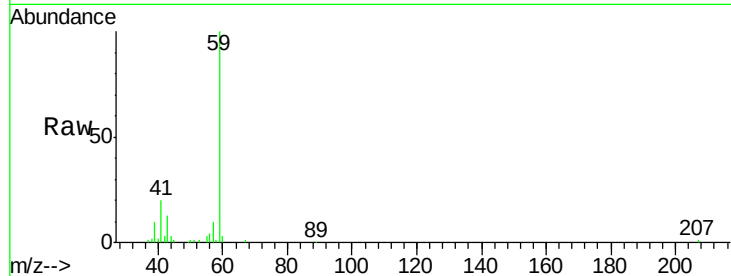
#11

Tert butyl alcohol  
Concen: 223.481 ug/l  
RT: 4.73 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

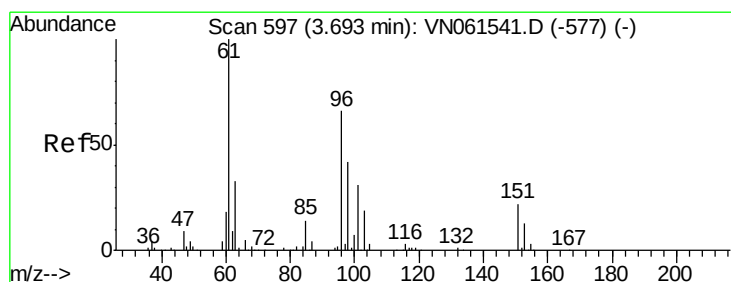
| Tot Ion | 59 | 57 | Ratio | 100 | 10.1 | Resp | Lower | Upper |
|---------|----|----|-------|-----|------|------|-------|-------|
| 129475  |    |    |       |     |      |      | 8.4   | 12.6  |

Manual Integrations  
APPROVED



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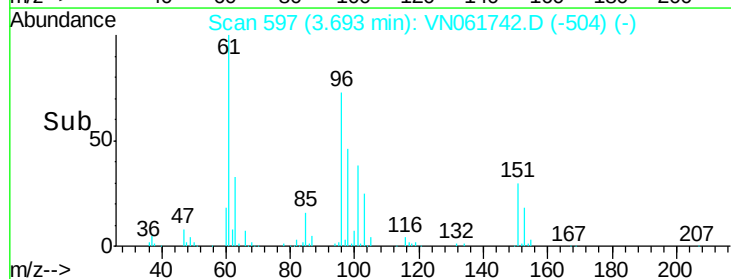
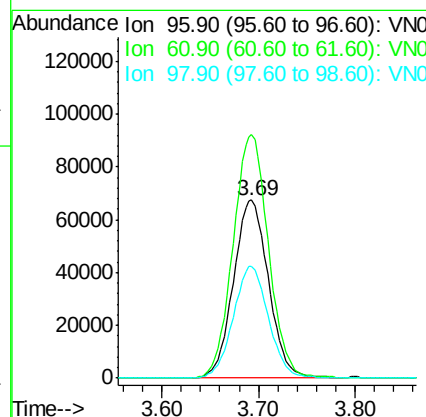
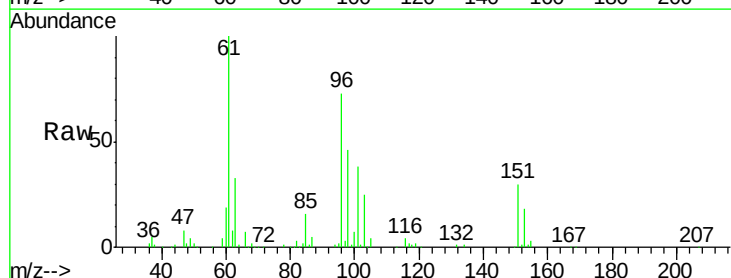
6/12/2020 5:46:08 PM

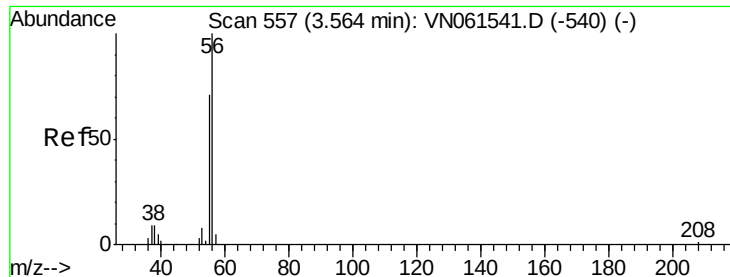


#12

1,1-Dichloroethene  
Concen: 45.476 ug/l  
RT: 3.69 min Scan# 597  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

| Tgt Ion | 96 | 61 | 98 | Ratio | 100 | 136.6 | 63.1 | Resp | Lower | Upper |
|---------|----|----|----|-------|-----|-------|------|------|-------|-------|
| 169879  |    |    |    |       |     |       |      |      | 120.5 | 180.7 |





#13

Acrolein

Concen: 205.821 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

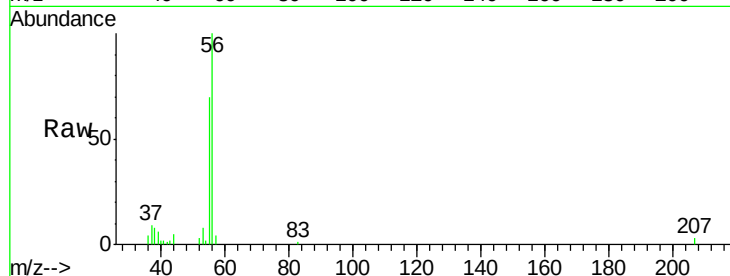
Tot Ion: 56 Resp: 35452

Ion Ratio Lower Upper

56 100

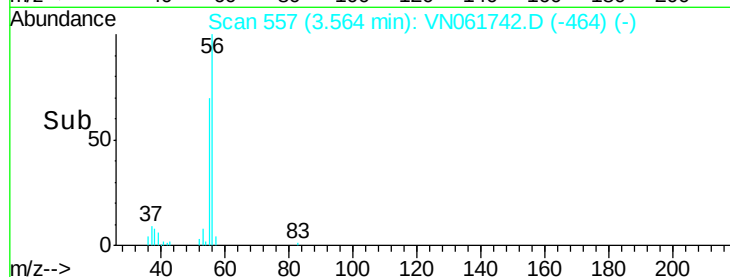
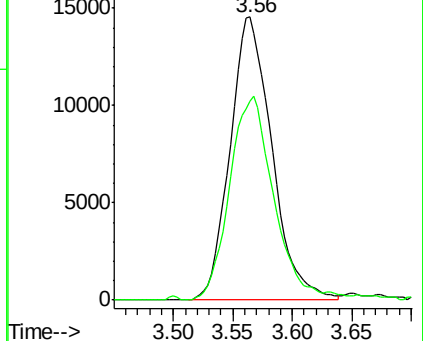
55 75.1 58.0 87.0

Manual Integrations  
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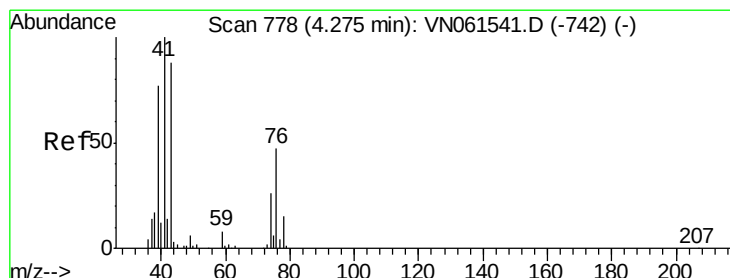
Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



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#14

Allyl chloride

Concen: 41.859 ug/l

RT: 4.27 min Scan# 776

Delta R.T. -0.01 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

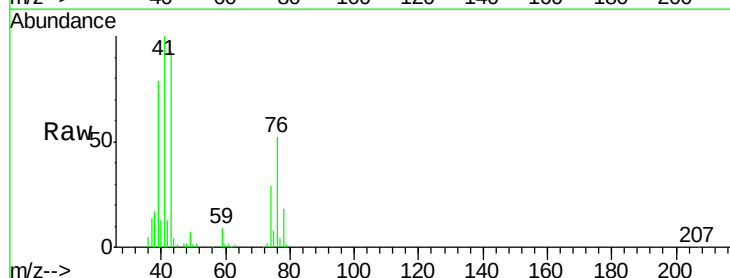
Tgt Ion: 41 Resp: 204429

Ion Ratio Lower Upper

41 100

39 74.7 58.6 88.0

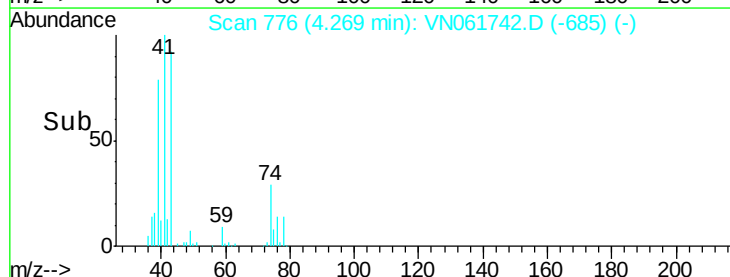
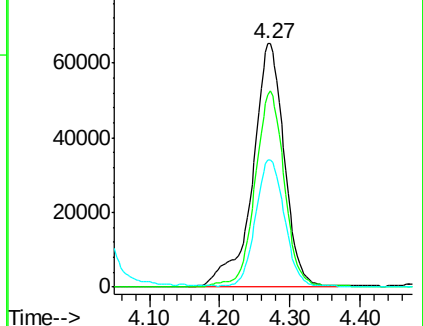
76 46.6 34.2 51.4

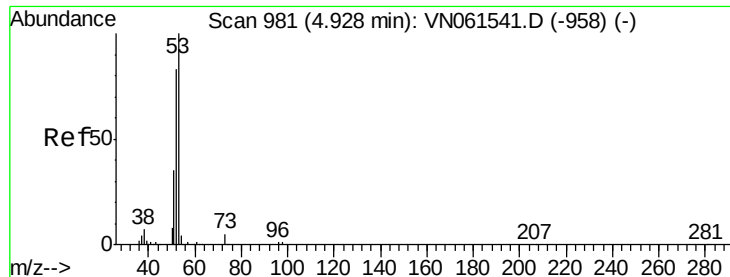


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 218.273 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

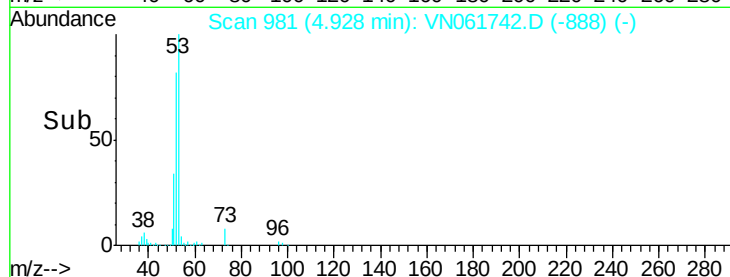
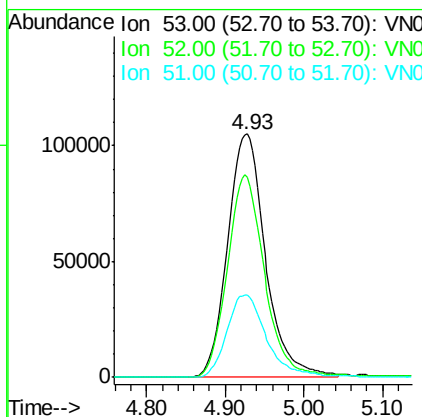
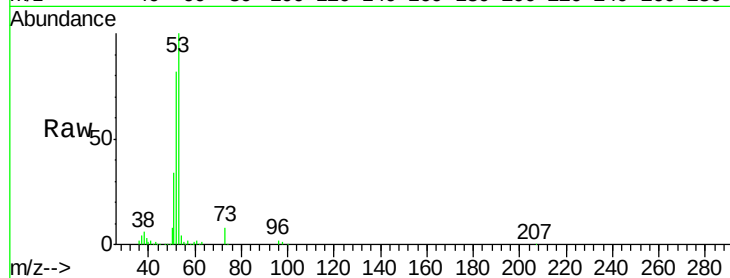
MSVOA\_N

ClientSampled :

VSTDCCC050

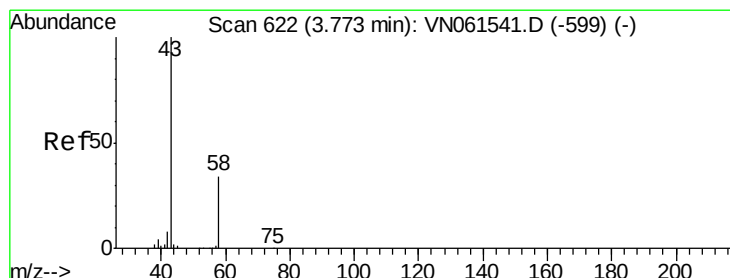
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 352969 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.1  | 65.4  | 98.2   |
| 51       | 35.4  | 29.0  | 43.6   |

Manual Integrations  
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#16

Acetone

Concen: 273.989 ug/l

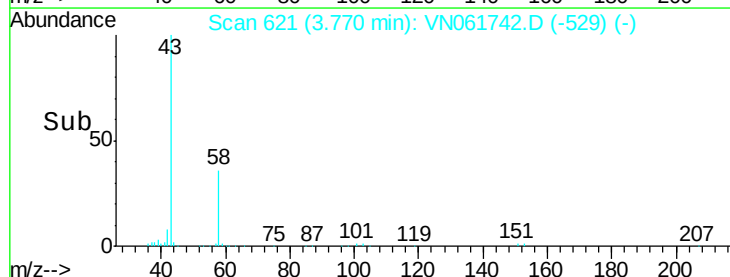
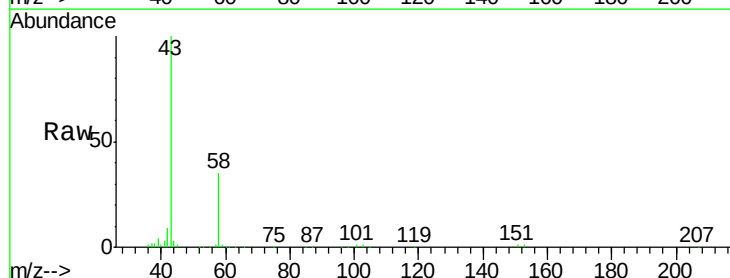
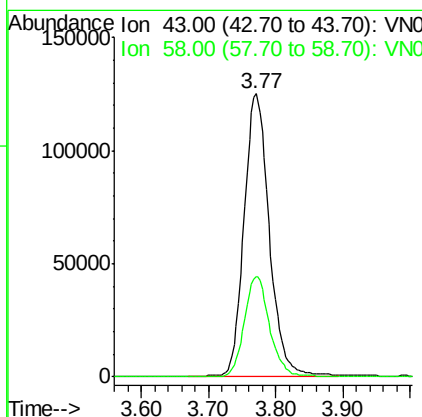
RT: 3.77 min Scan# 621

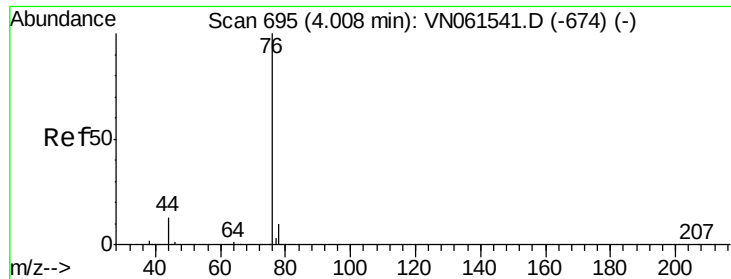
Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 328188 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 35.4  | 27.2  | 40.8   |





#17

Carbon Disulfide

Concen: 41.078 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

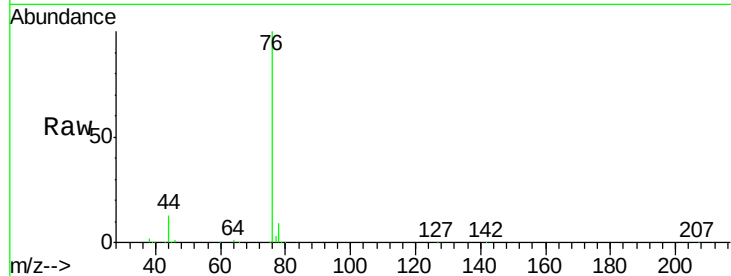
Tot Ion: 76 Resp: 337606

Ion Ratio Lower Upper

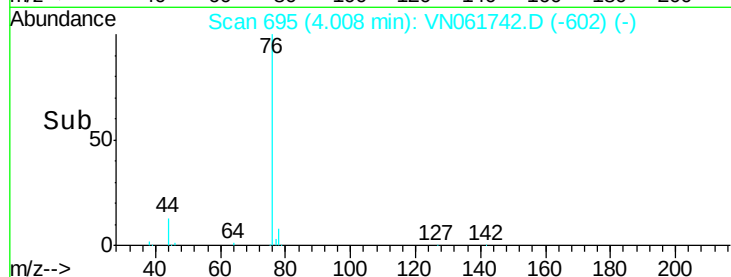
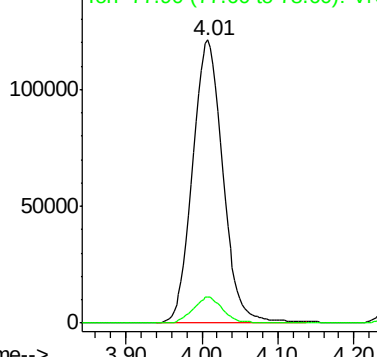
76 100

78 9.5 7.8 11.6

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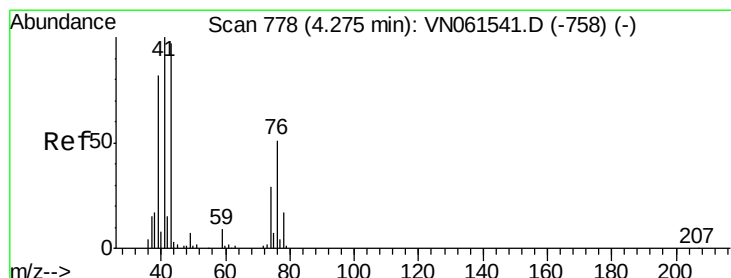


Abundance Ion 75.90 (75.60 to 76.60): VNO  
Ion 77.90 (77.60 to 78.60): VNO



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#18

Methyl Acetate

Concen: 43.981 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061742.D

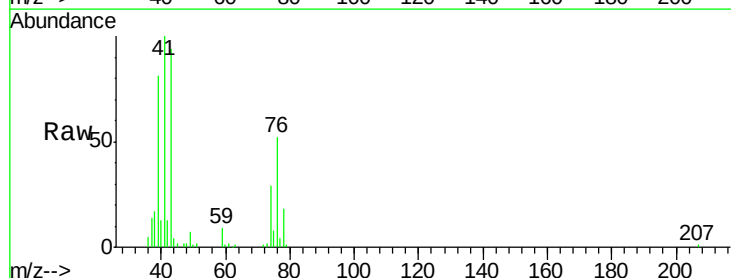
Acq: 11 Jun 2020 12:16

Tgt Ion: 43 Resp: 173420

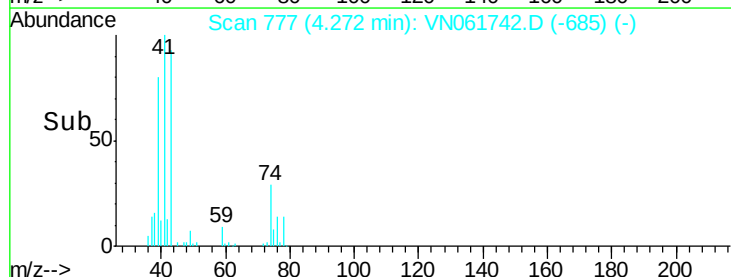
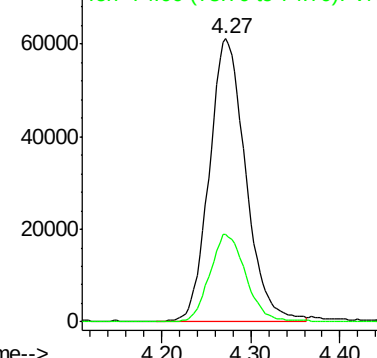
Ion Ratio Lower Upper

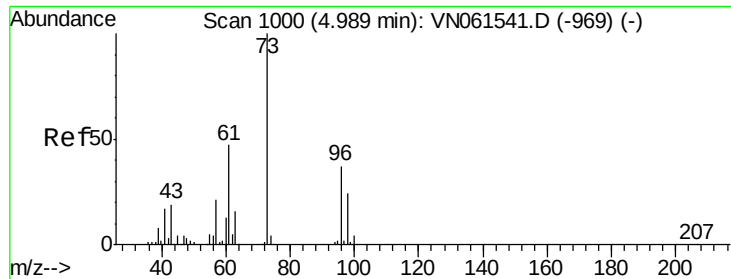
43 100

74 30.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VNO  
Ion 74.00 (73.70 to 74.70): VNO



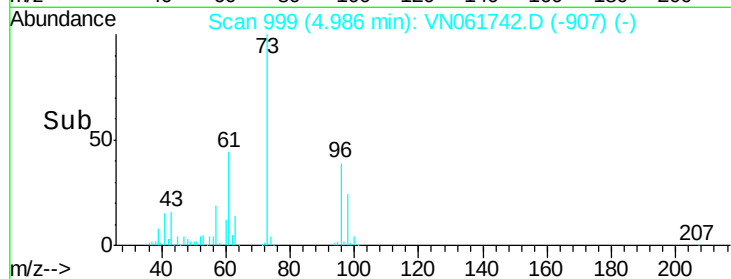
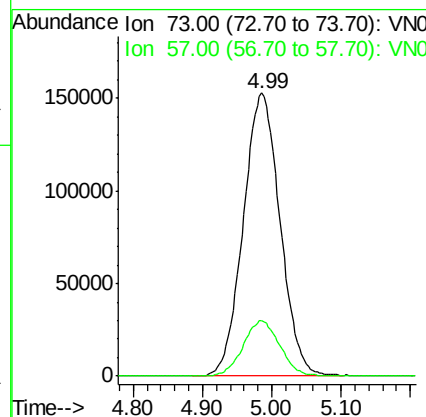
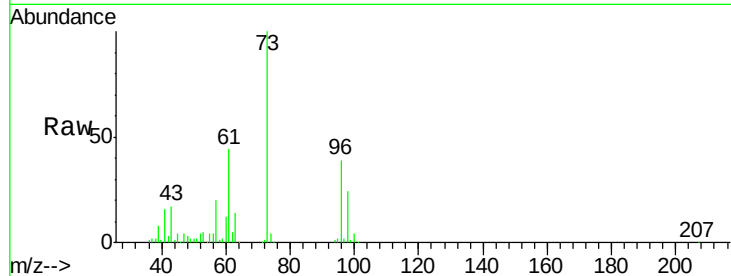


#19  
Methvl tert-butyl Ether  
Concen: 44.284 ug/l  
RT: 4.99 min Scan# 999  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

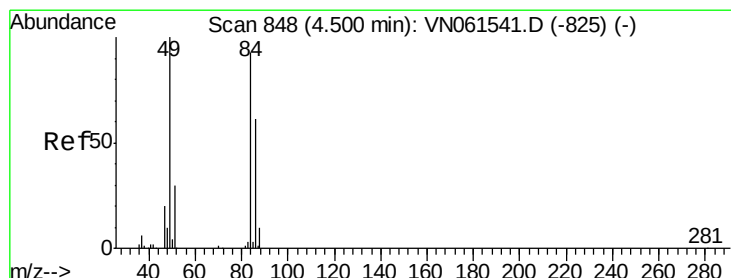
Tot Ion: 73 Resp: 563798  
Ion Ratio Lower Upper  
73 100  
57 19.6 16.4 24.6

Manual Integrations  
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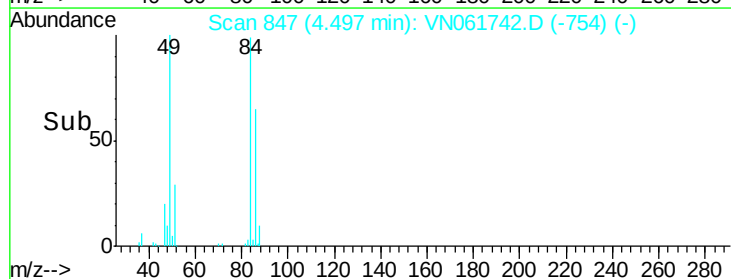
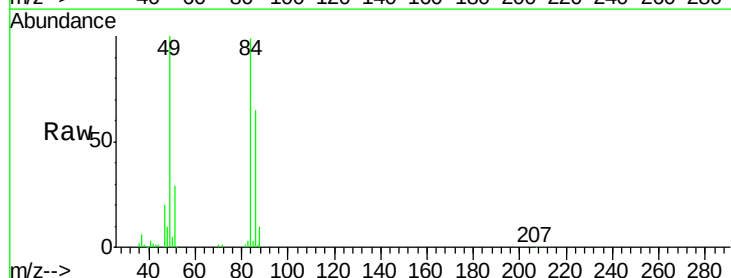
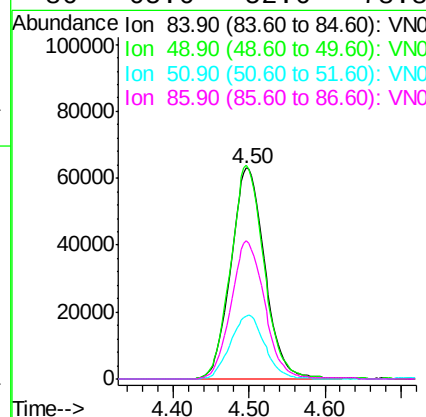
MMDadoda

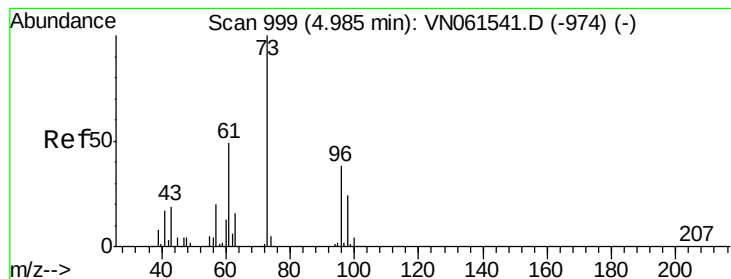
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#20  
Methylene Chloride  
Concen: 49.435 ug/l  
RT: 4.50 min Scan# 847  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Tgt Ion: 84 Resp: 195788  
Ion Ratio Lower Upper  
84 100  
49 101.2 85.8 128.8  
51 29.7 26.2 39.2  
86 65.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 45.679 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

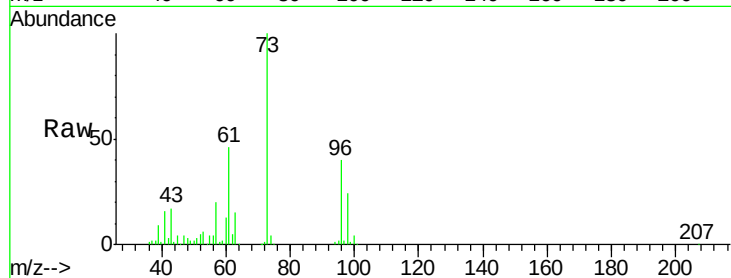
MSVOA\_N

ClientSampled :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 192438 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 114.6 | 101.4 | 152.0  |
| 98       | 61.7  | 50.6  | 76.0   |

Manual Integrations  
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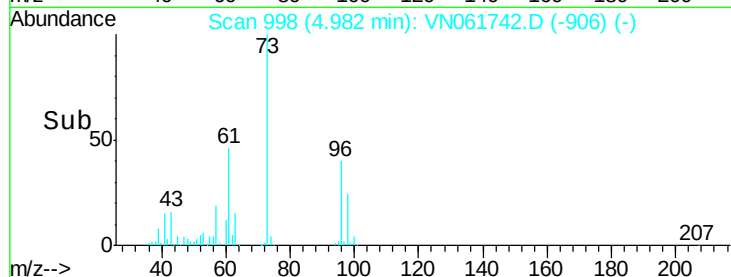
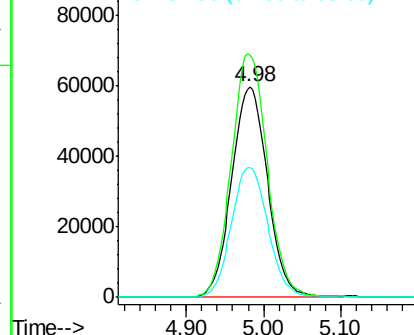


Abundance

Ion 95.90 (95.60 to 96.60): VN0

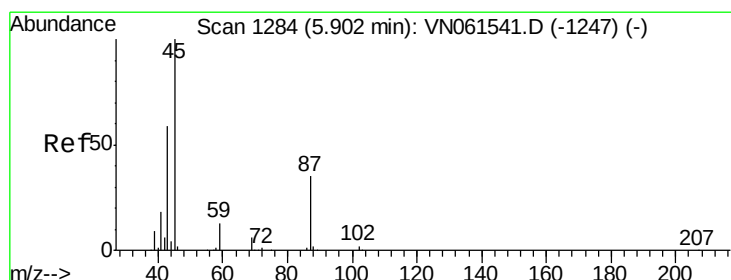
Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



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#22

Diisopropyl ether

Concen: 44.983 ug/l

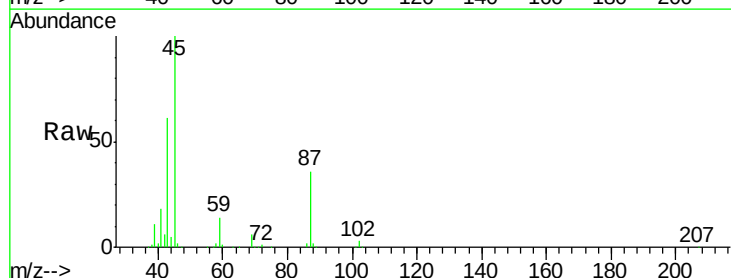
RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 484196 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 59.3  | 47.9  | 71.9   |
| 87       | 35.7  | 28.4  | 42.6   |
| 59       | 13.6  | 10.5  | 15.7   |



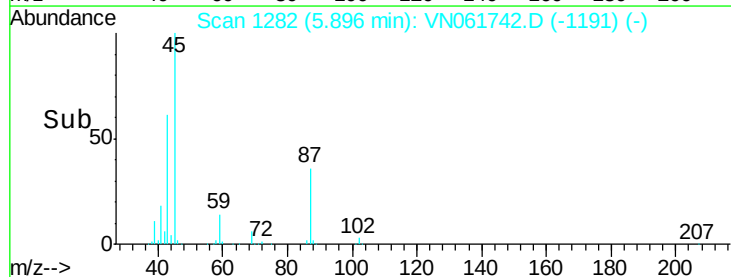
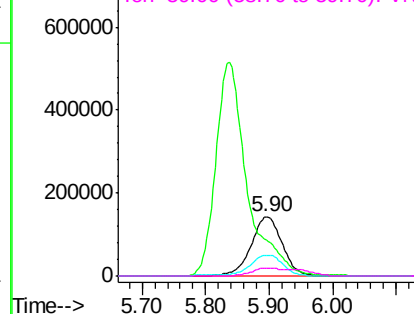
Abundance

Ion 45.00 (44.70 to 45.70): VN0

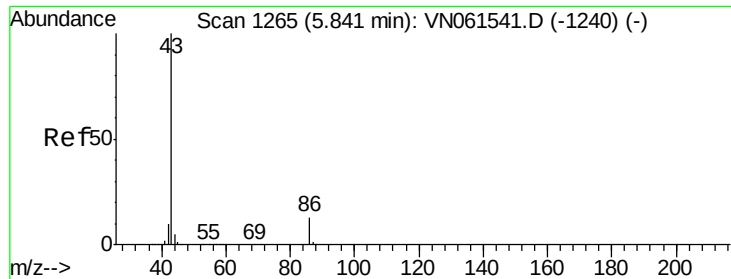
Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0







#23

Vinyl Acetate

Concen: 205.712 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1764824

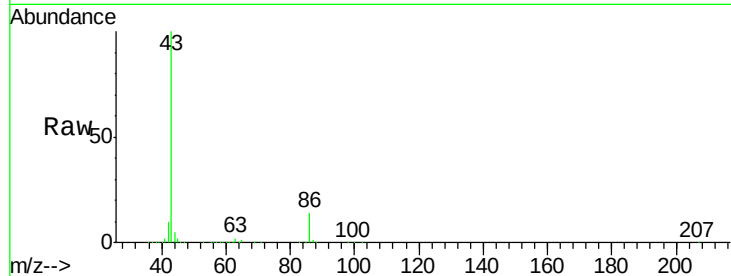
Ion Ratio Lower Upper

43 100

86 14.5 10.6 16.0

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Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1240) (-)

Ion 86.00 (85.70 to 86.70): VN061541.D (-1240) (-)

5.84

600000

500000

400000

300000

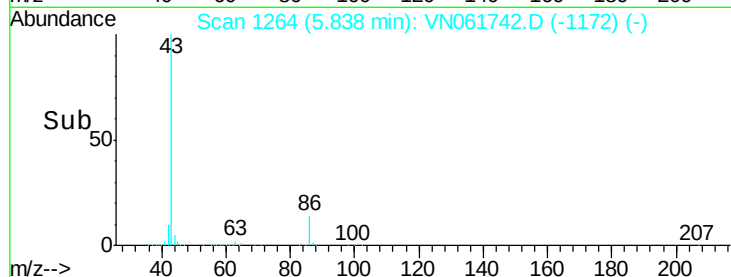
200000

100000

0

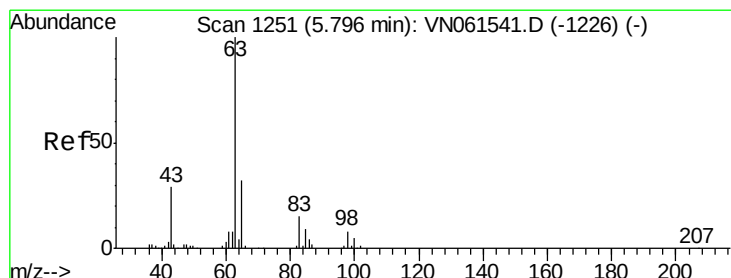
5.80 6.00

Time-->



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6/12/2020 5:46:08 PM



#24

1,1-Dichloroethane

Concen: 45.497 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

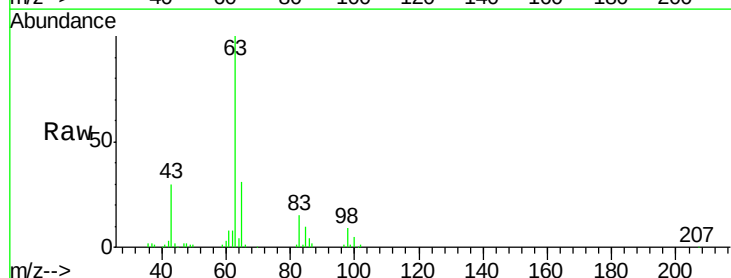
Tgt Ion: 63 Resp: 310548

Ion Ratio Lower Upper

63 100

98 9.1 3.8 11.4

100 5.3 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-1226) (-)

Ion 97.90 (97.60 to 98.60): VN061541.D (-1226) (-)

Ion 99.90 (99.60 to 100.60): VN061541.D (-1226) (-)

120000

100000

80000

60000

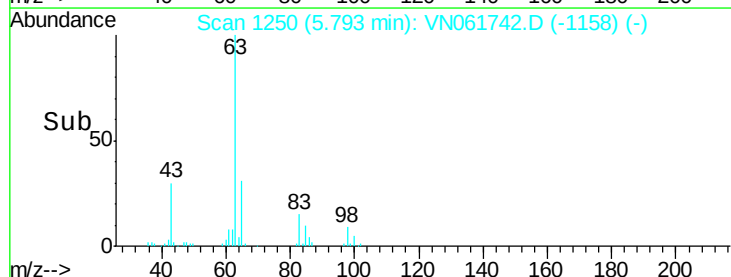
40000

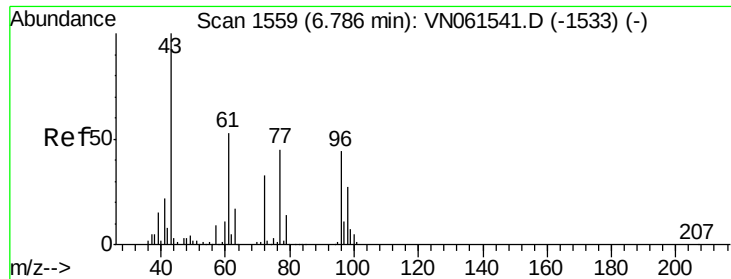
20000

0

5.70 5.80 5.90

Time-->



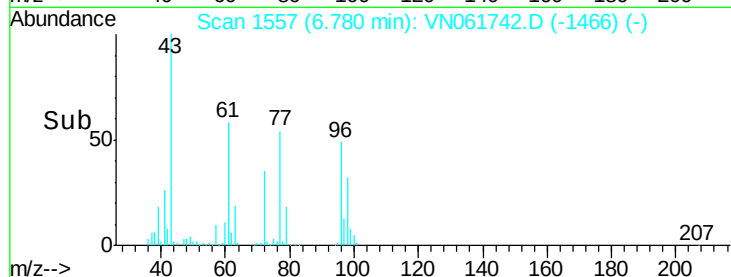
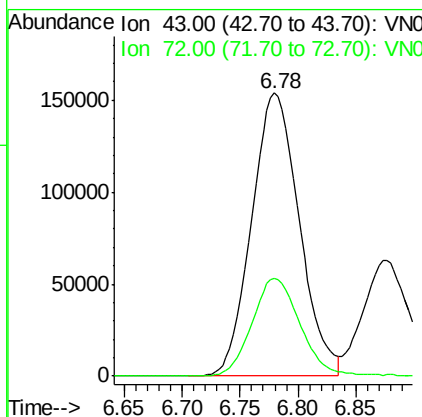
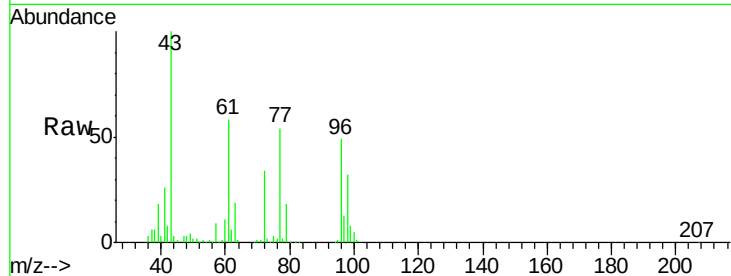


#25  
2-Butanone  
Concen: 213.458 ug/l  
RT: 6.78 min Scan# 1557  
Delta R.T. -0.01 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

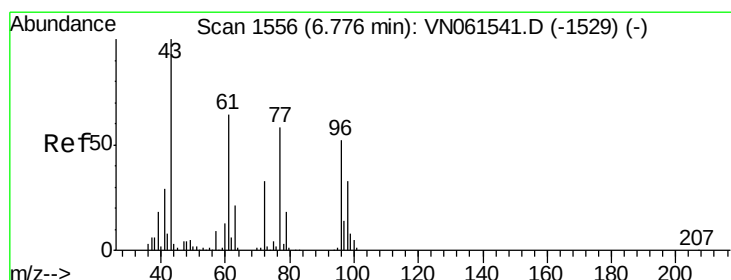
Tot Ion: 43 Resp: 440638  
Ion Ratio Lower Upper  
43 100  
72 34.5 26.0 39.0

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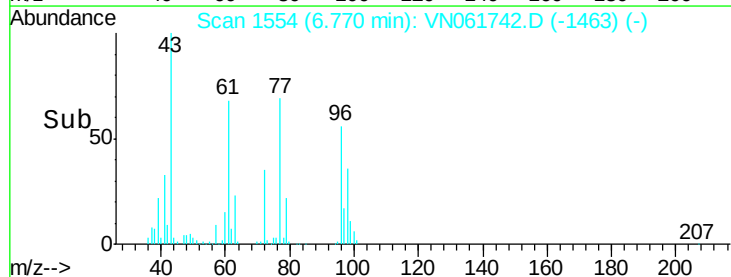
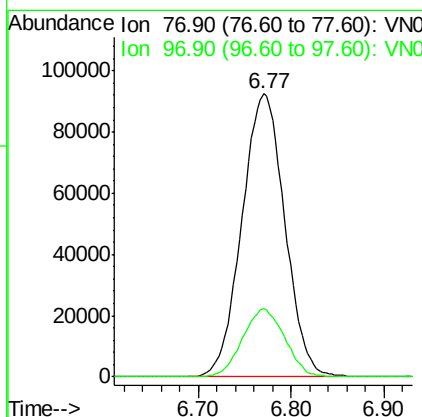
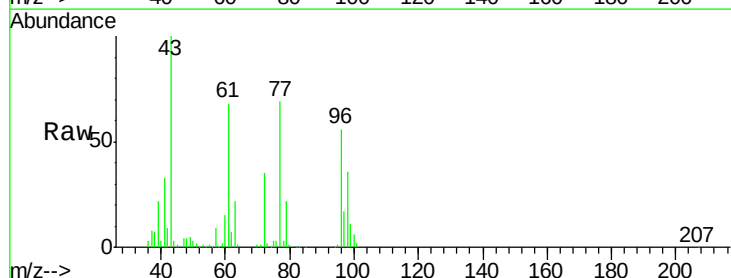
MMDadoda

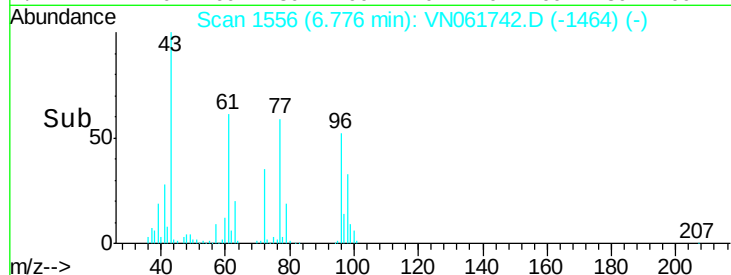
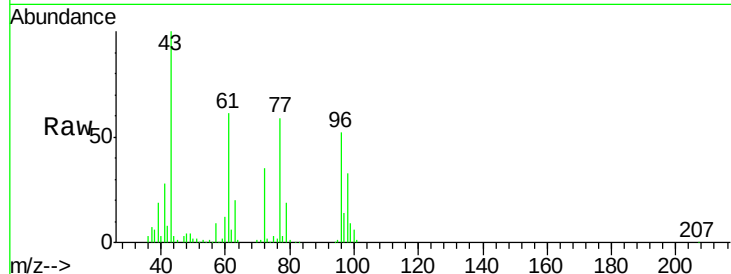
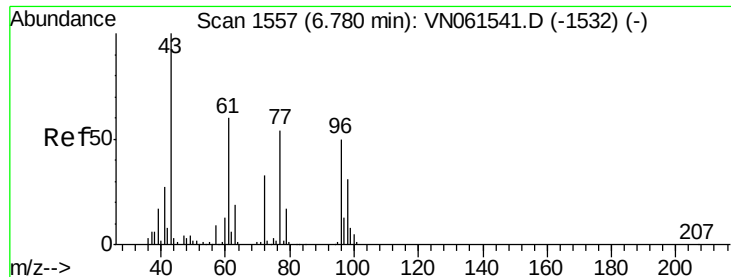
6/12/2020 5:46:08 PM



#26  
2,2-Dichloropropane  
Concen: 47.526 ug/l  
RT: 6.77 min Scan# 1554  
Delta R.T. -0.01 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Tgt Ion: 77 Resp: 296907  
Ion Ratio Lower Upper  
77 100  
97 23.8 12.0 36.0



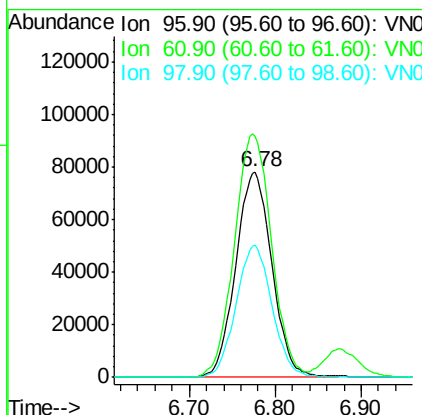


#27  
 cis-1,2-Dichloroethene  
 Concen: 47.951 ug/l  
 RT: 6.78 min Scan# 1556  
 Delta R.T. -0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 121.7 | 0.0  | 252.2 |       |
| 98      | 64.0  | 0.0  | 129.2 |       |

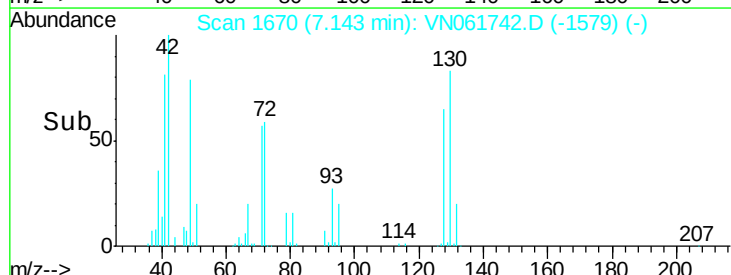
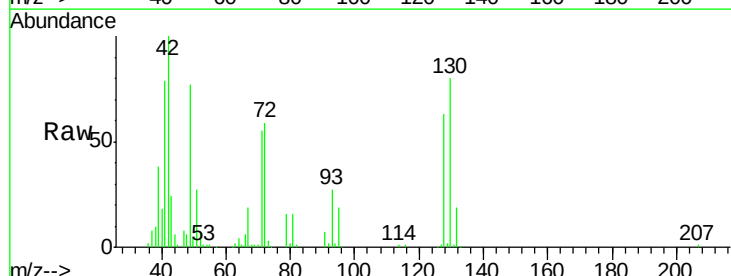
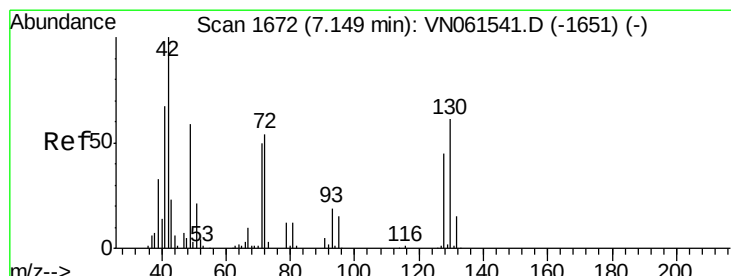
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

Manual Integrations  
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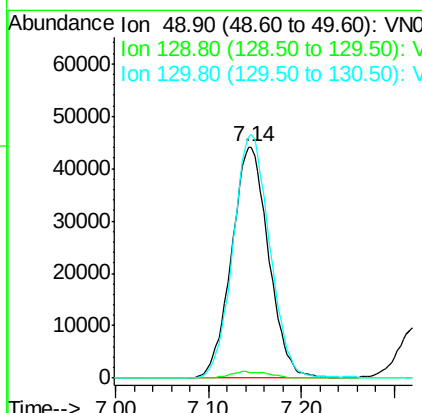
MMDadoda

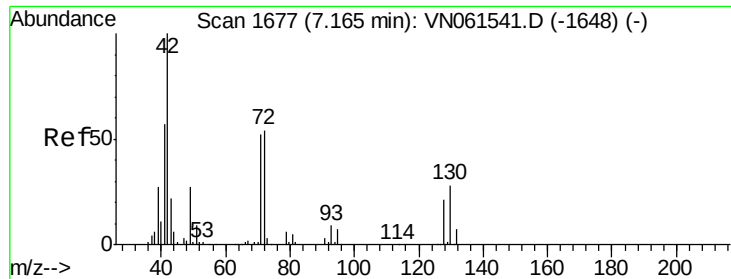
6/12/2020 5:46:08 PM



#28  
 Bromochloromethane  
 Concen: 47.598 ug/l  
 RT: 7.14 min Scan# 1670  
 Delta R.T. -0.01 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.8   | 0.0  | 4.8   |       |
| 130     | 104.1 | 78.8 | 118.2 |       |



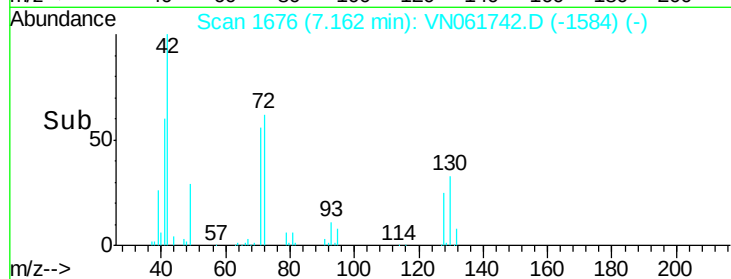
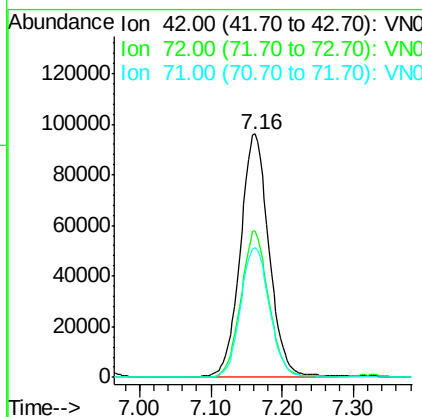
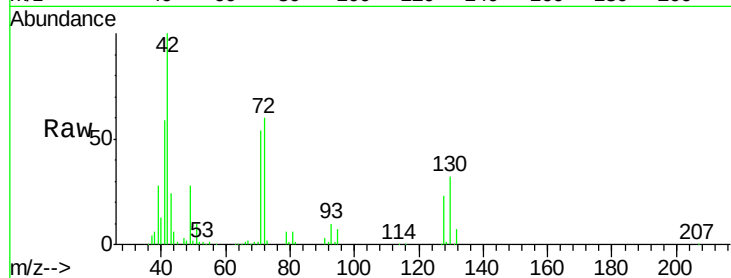


#29  
Tetrahydrofuran  
Concen: 198.708 ug/l  
RT: 7.16 min Scan# 1676  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

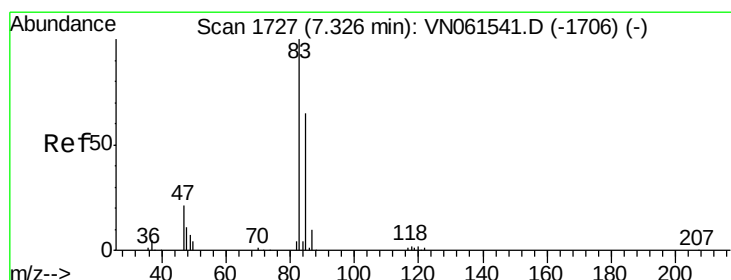
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 58.3  | 43.6  | 65.4  |
| 71      | 53.2  | 41.2  | 61.8  |

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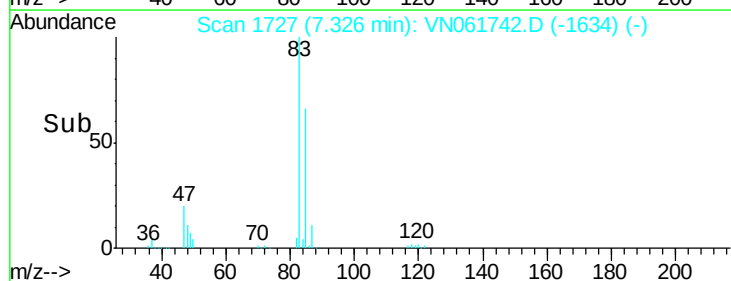
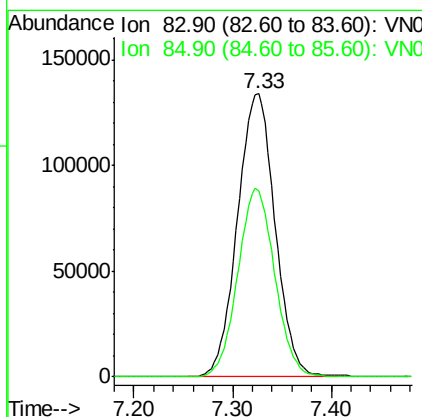
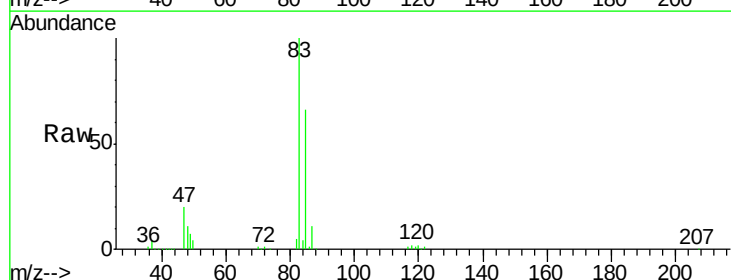
MMDadoda

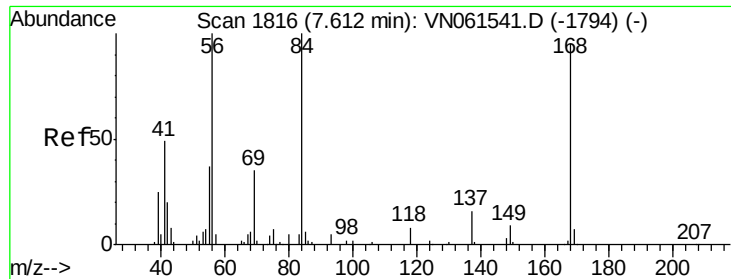
6/12/2020 5:46:08 PM



#30  
Chloroform  
Concen: 46.809 ug/l  
RT: 7.33 min Scan# 1727  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.8  | 51.7  | 77.5  |



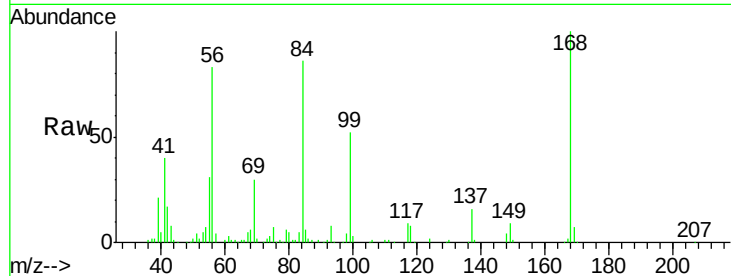


#31  
Cyclohexane  
Concen: 41.419 ug/l  
RT: 7.61 min Scan# 1815  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

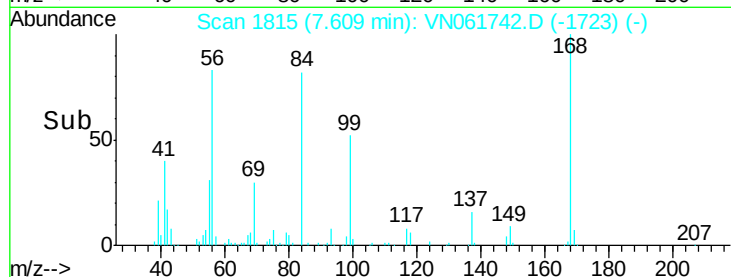
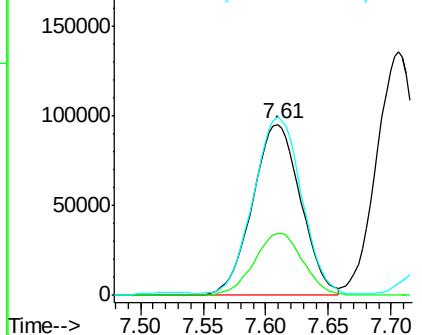
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 36.6  | 27.8  | 41.8  |
| 84      | 102.6 | 79.9  | 119.9 |

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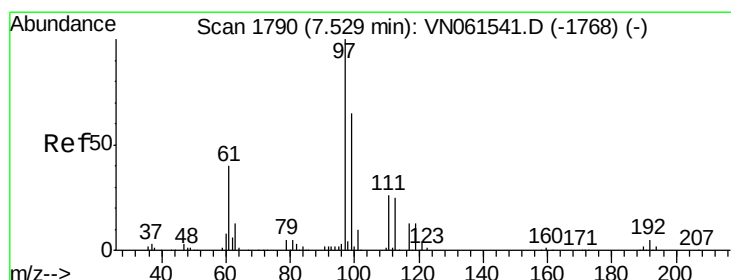


Abundance Ion 56.00 (55.70 to 56.70): VNO  
Ion 69.00 (68.70 to 69.70): VNO  
Ion 84.00 (83.70 to 84.70): VNO



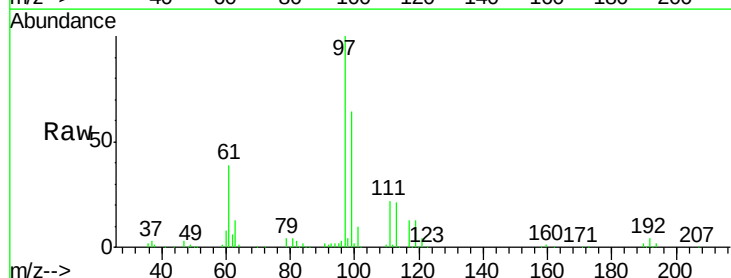
MMDadoda

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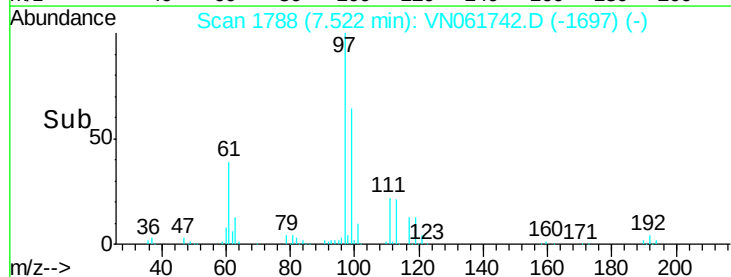
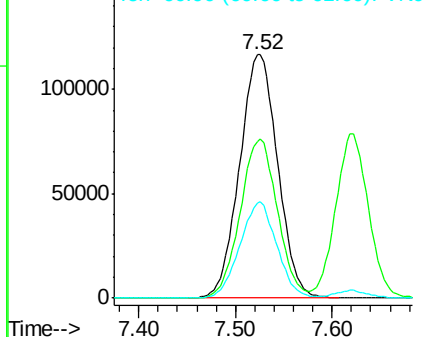


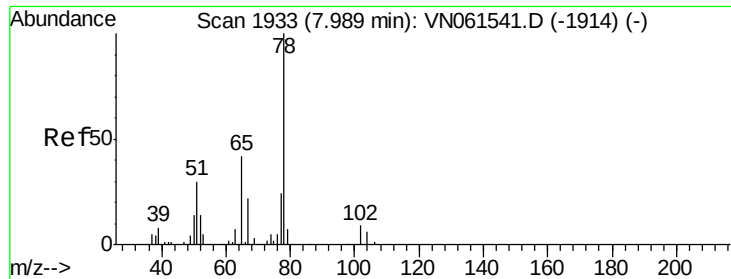
#32  
1,1,1-Trichloroethane  
Concen: 46.314 ug/l  
RT: 7.52 min Scan# 1788  
Delta R.T. -0.01 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.1  | 51.4  | 77.0  |
| 61      | 38.2  | 31.4  | 47.0  |



Abundance Ion 96.90 (96.60 to 97.60): VNO  
Ion 98.90 (98.60 to 99.60): VNO  
Ion 60.90 (60.60 to 61.60): VNO



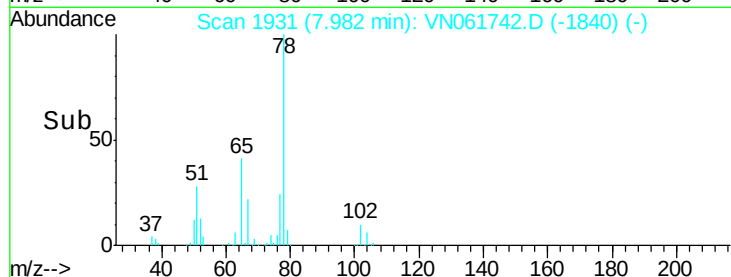
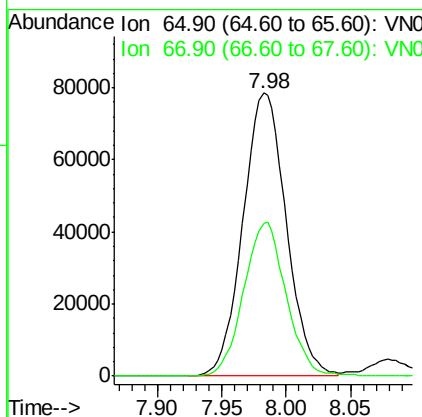
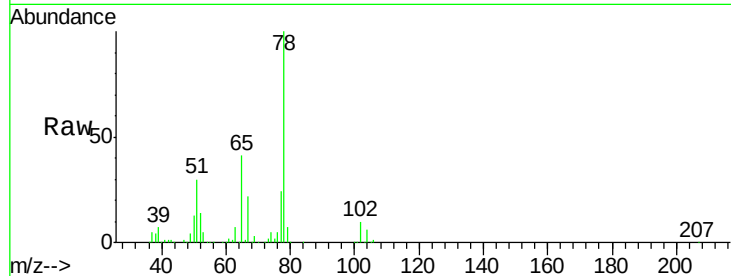


#33  
 1,2-Dichloroethane-d4  
 Concen: 42.230 ug/l  
 RT: 7.98 min Scan# 1931  
 Delta R.T. -0.01 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

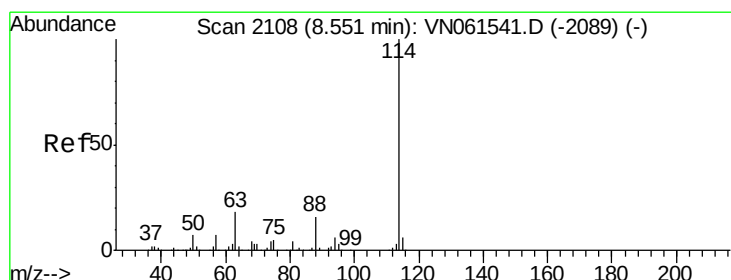
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 53.2  | 0.0   | 104.8 |

Manual Integrations  
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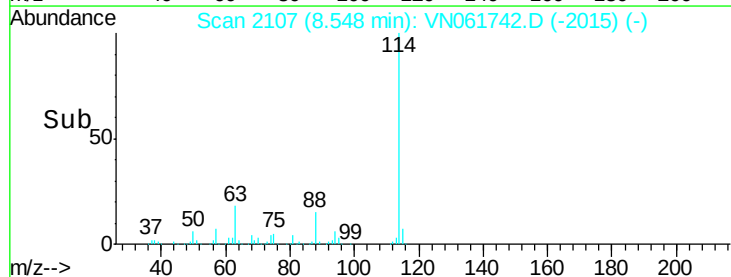
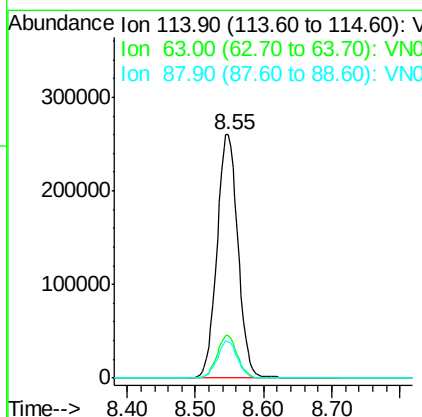
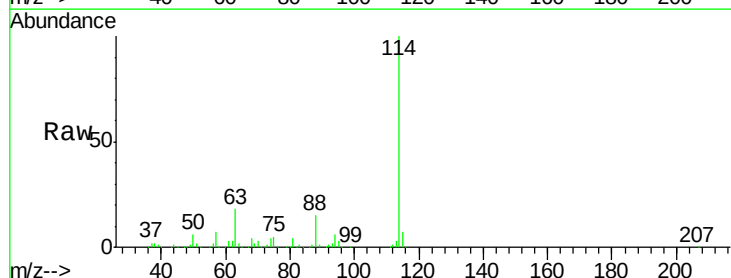
MMDadoda

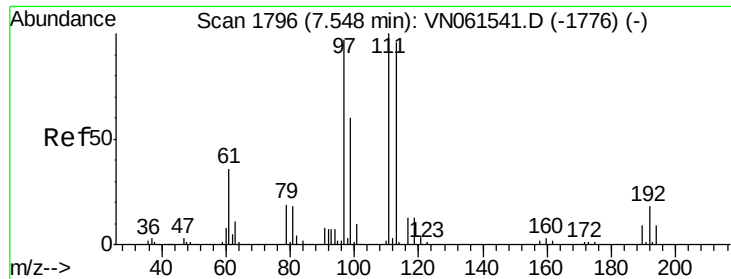
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2107  
 Delta R.T. -0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 17.6  | 0.0   | 35.8  |
| 88      | 15.1  | 0.0   | 31.0  |



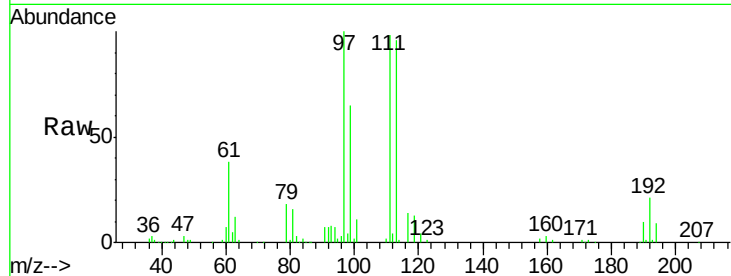


#35  
 Dibromofluoromethane  
 Concen: 51.307 ug/l  
 RT: 7.54 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

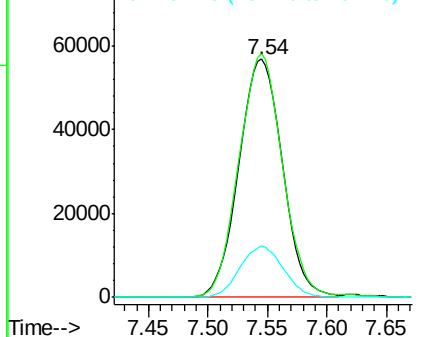
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 144397 |       |       |
| 111     | 101.8 | 83.4   | 125.0 |       |
| 192     | 21.4  | 15.4   | 23.2  |       |

Manual Integrations  
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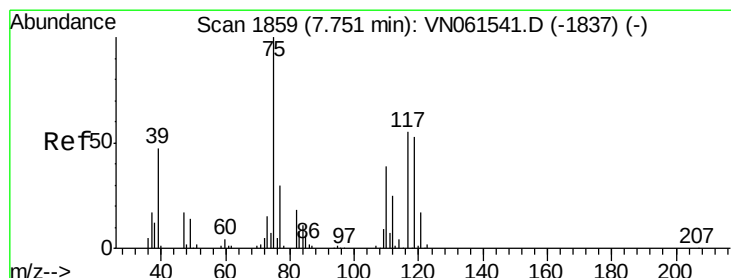
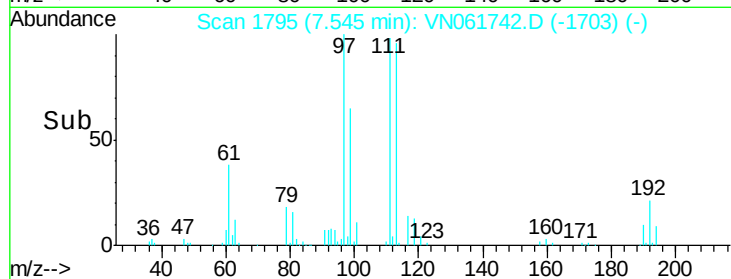


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V



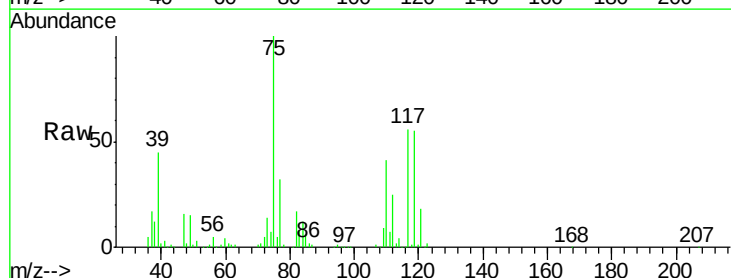
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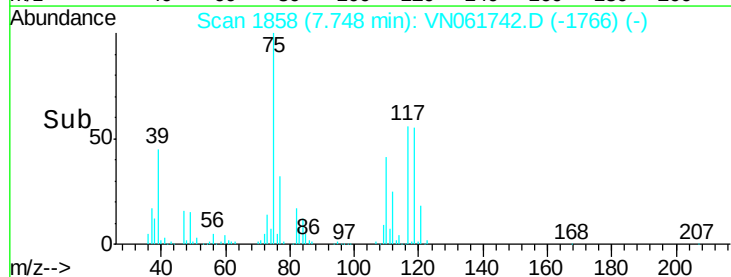
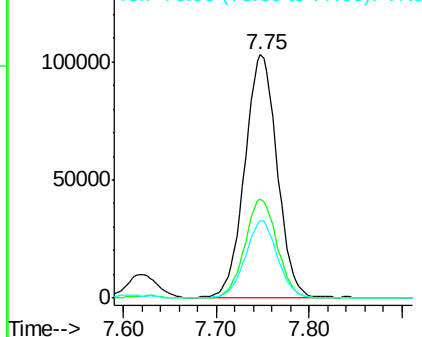


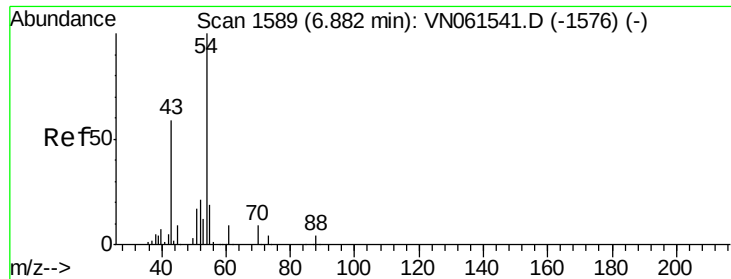
#36  
 1,1-Dichloropropene  
 Concen: 50.655 ug/l  
 RT: 7.75 min Scan# 1858  
 Delta R.T. -0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 248784 |       |       |
| 110     | 40.6  | 19.5   | 58.5  |       |
| 77      | 31.8  | 24.7   | 37.1  |       |



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): V



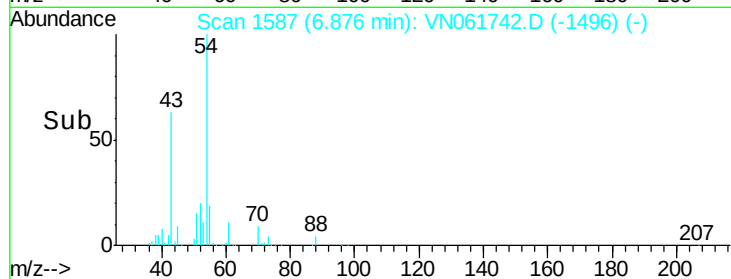
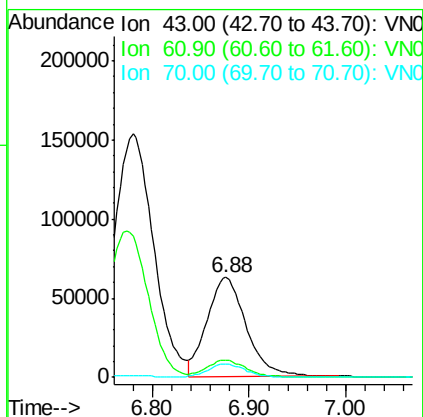
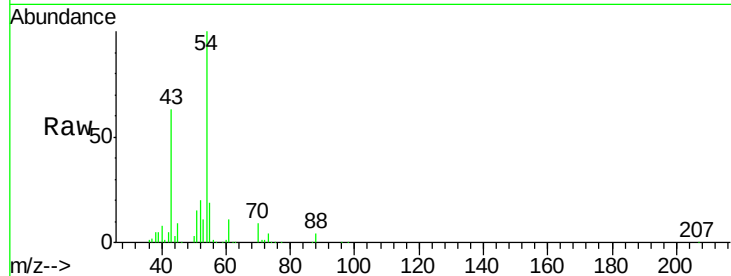


#37  
Ethyl Acetate  
Concen: 44.537 ug/l  
RT: 6.88 min Scan# 1587  
Delta R.T. -0.01 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

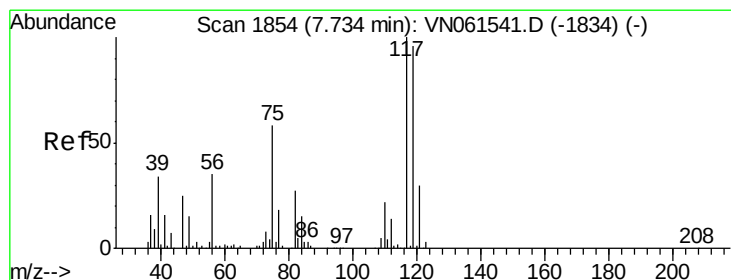
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 17.2  | 12.2  | 18.4  |
| 70      | 13.1  | 9.4   | 14.2  |

Manual Integrations  
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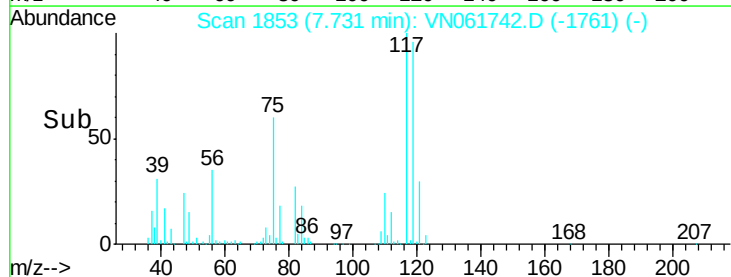
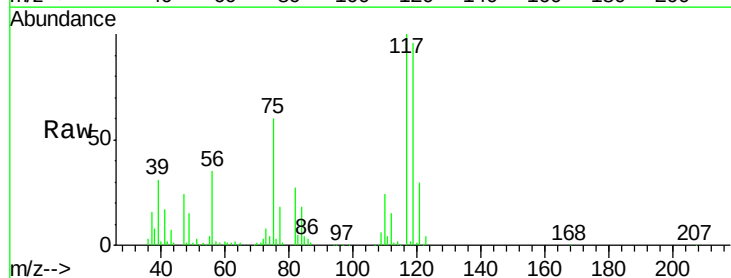
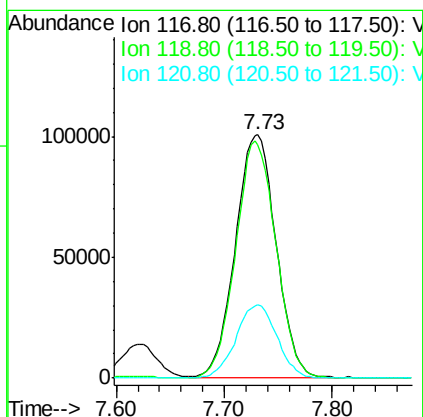
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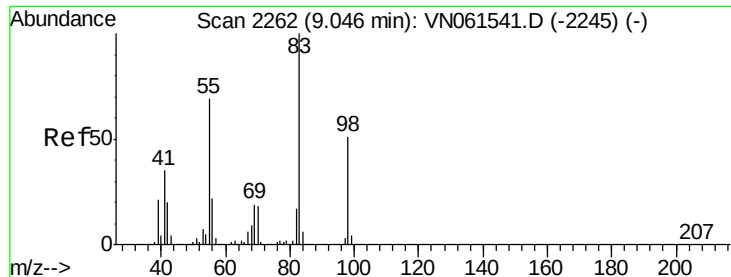


#38  
Carbon Tetrachloride  
Concen: 55.535 ug/l  
RT: 7.73 min Scan# 1853  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.3  | 76.5  | 114.7 |
| 121     | 30.4  | 24.1  | 36.1  |





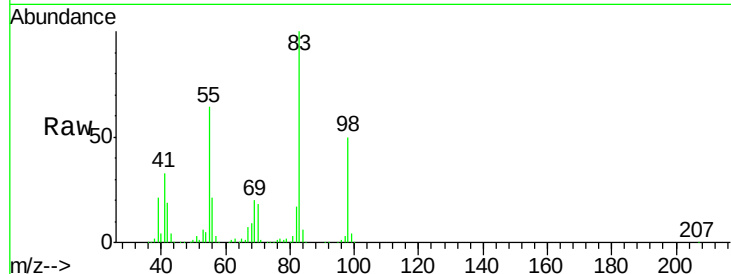


#39  
Methylvlcyclohexane  
Concen: 48.692 ug/l  
RT: 9.04 min Scan# 2261  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

| Tot Ion   | 83    | Resp  | 294764 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 64.3  | 54.9  | 82.3   |
| 98        | 49.9  | 41.0  | 61.4   |

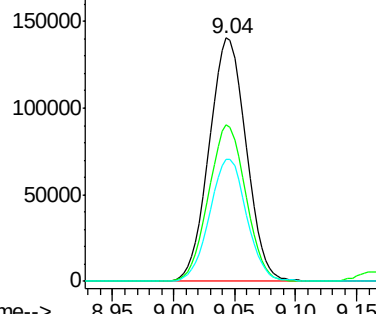
Manual Integrations  
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Abundance Ion 83.00 (82.70 to 83.70): VN061541.D (-2245) (-)

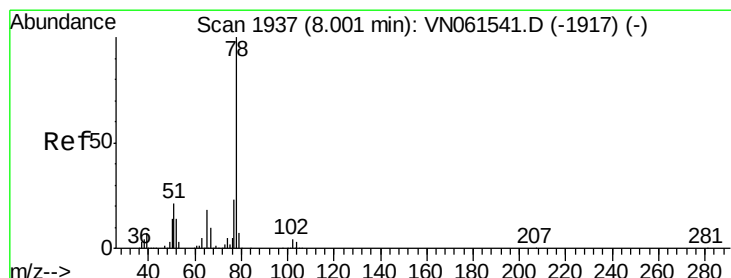
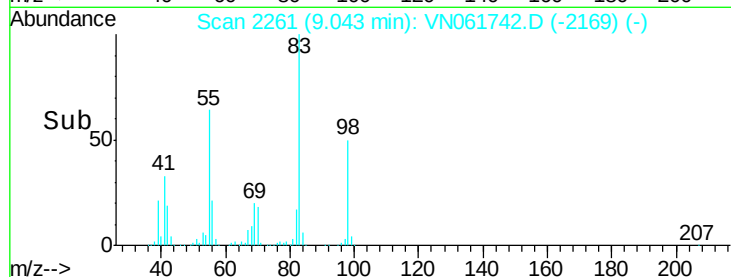
Ion 55.00 (54.70 to 55.70): VN061541.D (-2245) (-)

Ion 98.00 (97.70 to 98.70): VN061541.D (-2245) (-)



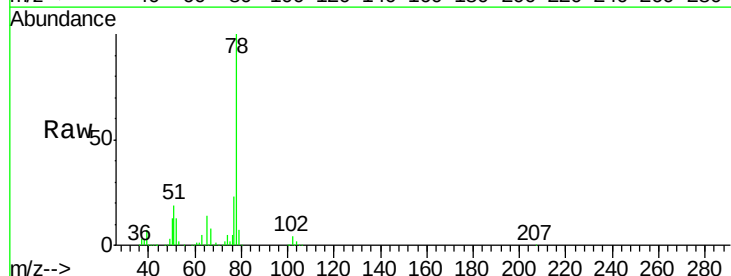
MMDadoda

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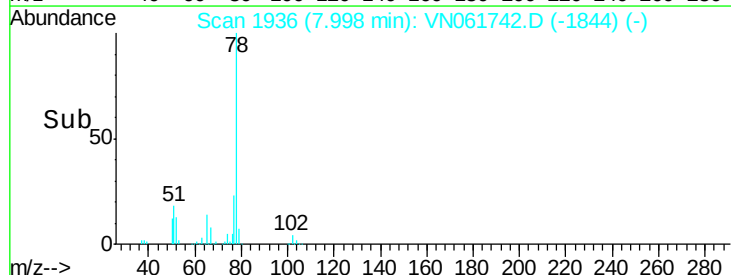
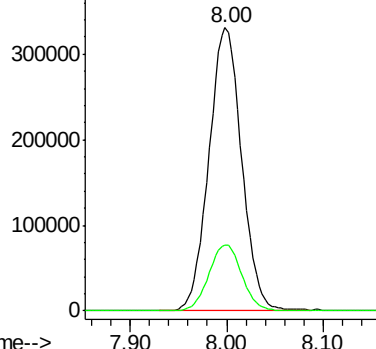
#40  
Benzene  
Concen: 51.358 ug/l  
RT: 8.00 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

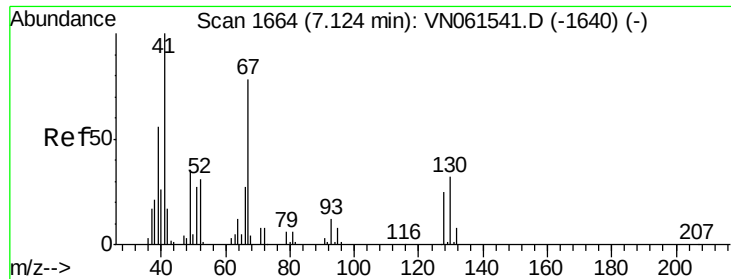
| Tgt Ion   | 78    | Resp  | 778268 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 23.4  | 18.6  | 28.0   |



Abundance Ion 78.00 (77.70 to 78.70): VN061541.D (-1917) (-)

Ion 77.00 (76.70 to 77.70): VN061541.D (-1917) (-)



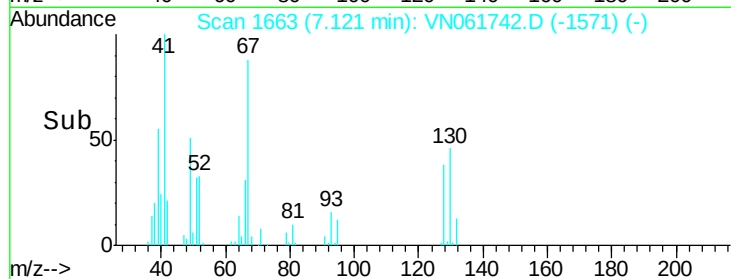
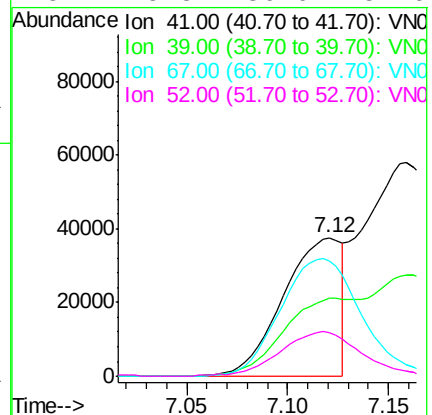
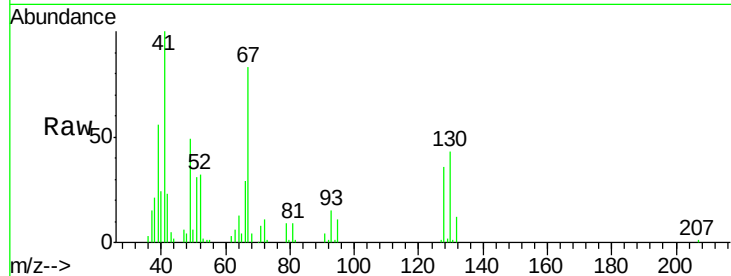


#41  
Methacrylonitrile  
Concen: 41.911 ug/l  
RT: 7.12 min Scan# 1663  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

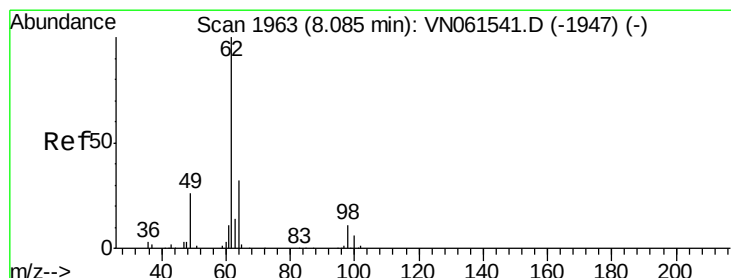
| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   |       |       |       |
| 39      | 67.1  | 53.8  | 80.6  |       |
| 67      | 116.9 | 91.1  | 136.7 |       |
| 52      | 45.3  | 36.0  | 54.0  |       |

Manual Integrations  
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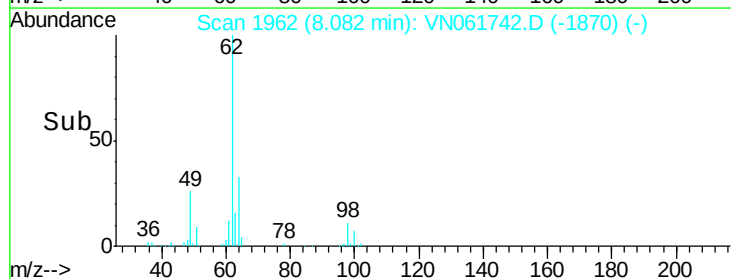
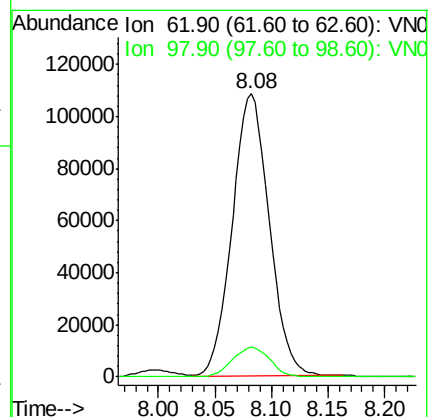
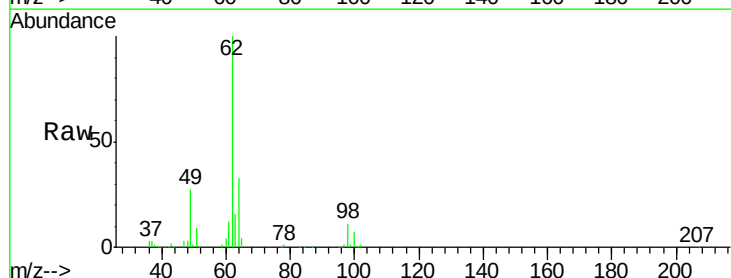
MMDadoda

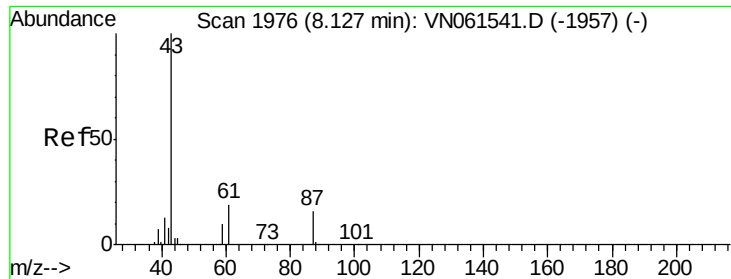
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#42  
1,2-Dichloroethane  
Concen: 48.724 ug/l  
RT: 8.08 min Scan# 1962  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.8 | 0.0   | 21.4  |       |



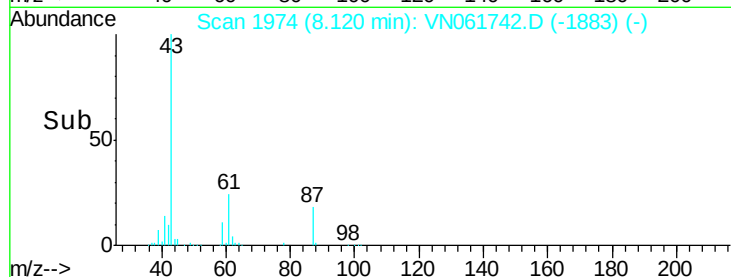
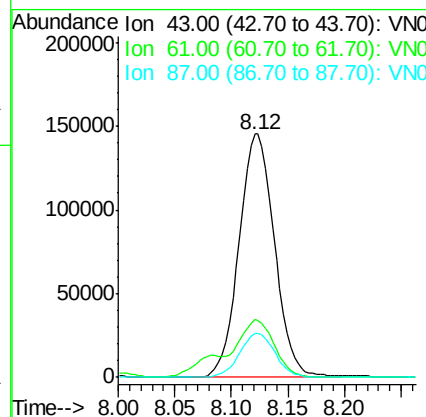
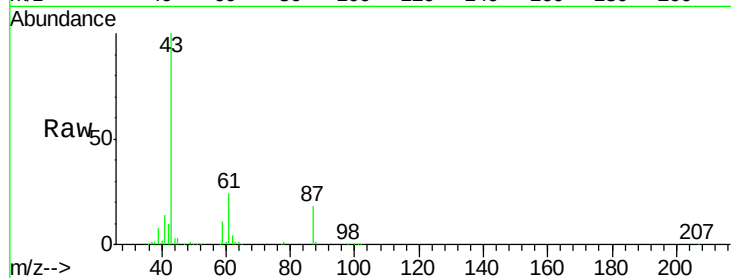


#43  
Isopropyl Acetate  
Concen: 44.519 ug/l  
RT: 8.12 min Scan# 1974  
Delta R.T. -0.01 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

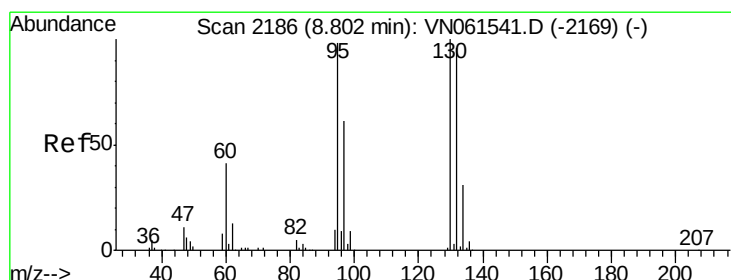
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 23.6  | 23.6  | 35.4  |
| 87      | 17.9  | 13.0  | 19.6  |

Manual Integrations  
APPROVED



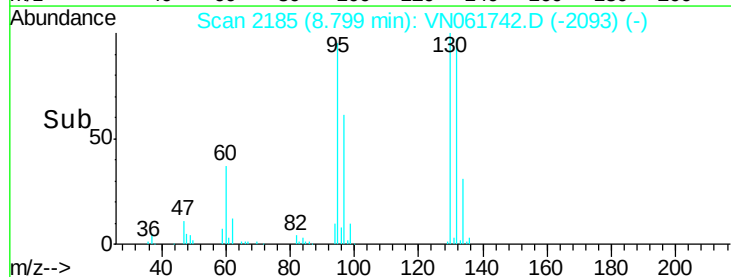
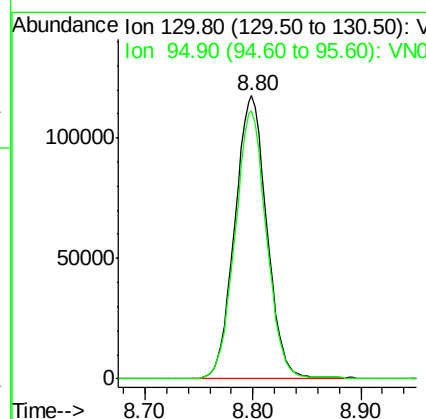
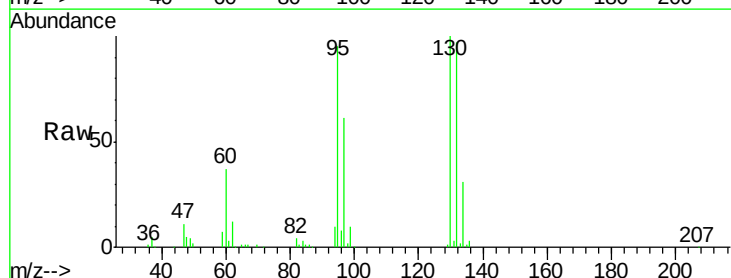
MMDadoda

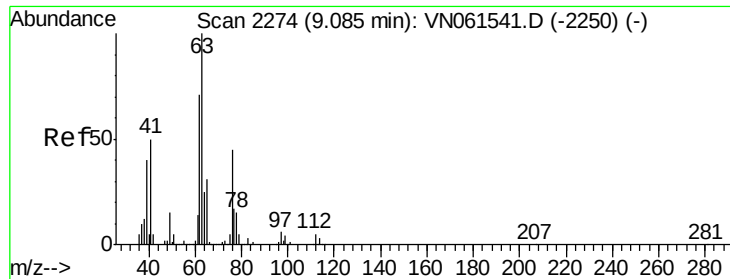
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#44  
Trichloroethene  
Concen: 52.264 ug/l  
RT: 8.80 min Scan# 2185  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 94.9  | 0.0   | 196.6 |



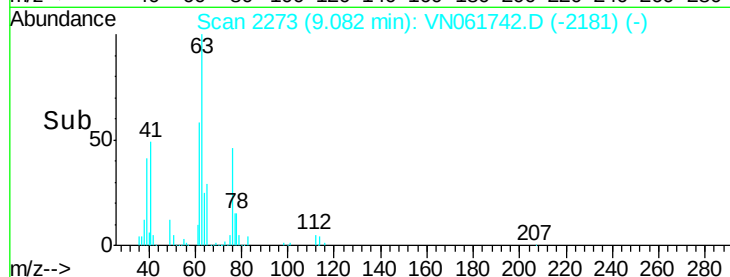
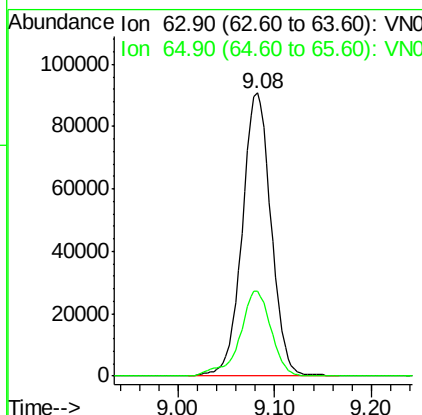
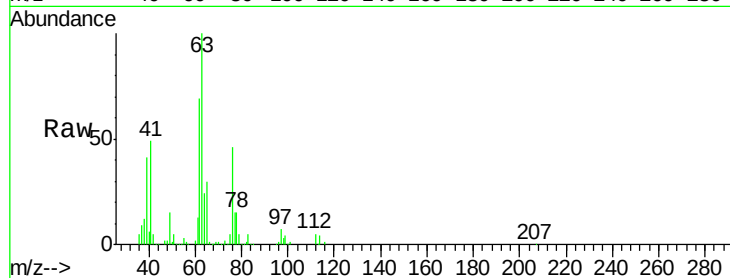


#45  
 1,2-Dichloropropane  
 Concen: 52.302 ug/l  
 RT: 9.08 min Scan# 2273  
 Delta R.T. -0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

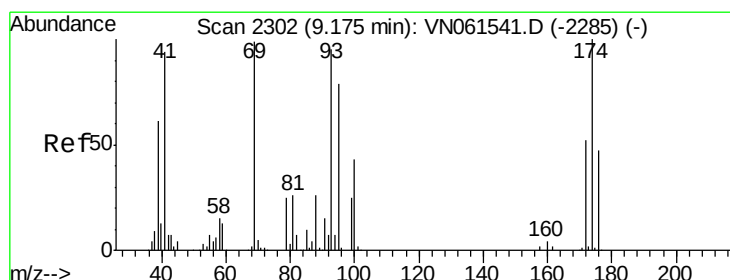
Tot Ion: 63 Resp: 188202  
 Ion Ratio Lower Upper  
 63 100  
 65 29.9 24.7 37.1

Manual Integrations  
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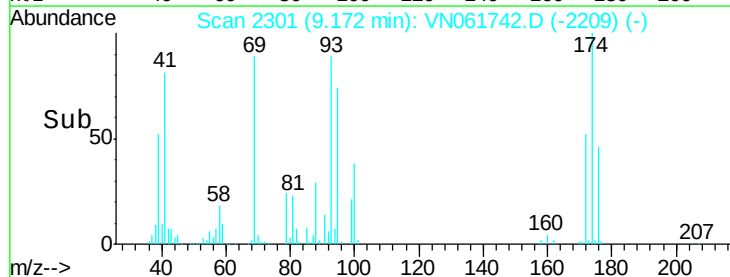
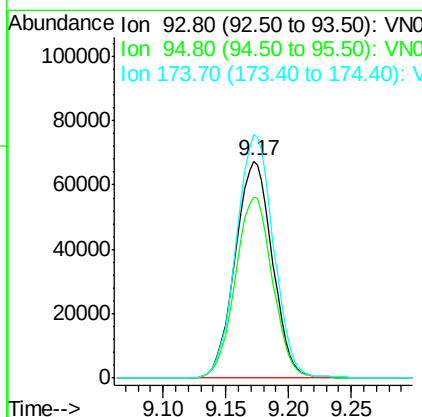
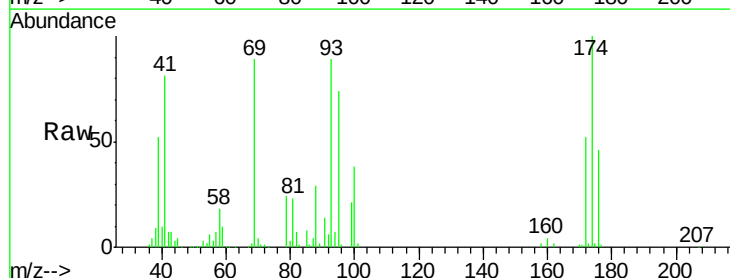
MMDadoda

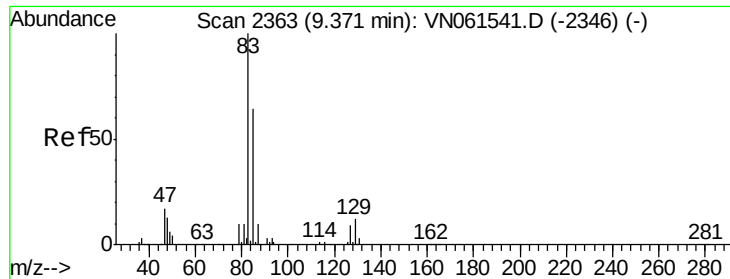
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#46  
 Dibromomethane  
 Concen: 50.445 ug/l  
 RT: 9.17 min Scan# 2301  
 Delta R.T. -0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

Tgt Ion: 93 Resp: 139214  
 Ion Ratio Lower Upper  
 93 100  
 95 83.5 66.0 99.0  
 174 112.2 82.5 123.7





#47

Bromodichloromethane

Concen: 52.224 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

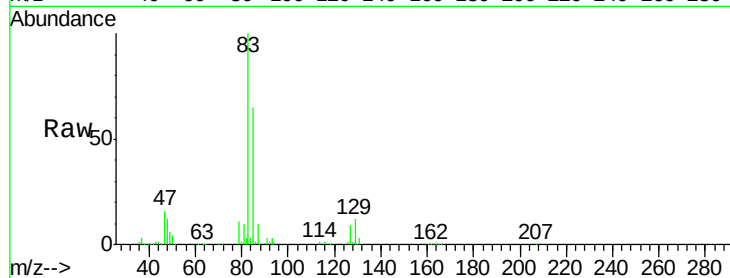
MSVOA\_N

ClientSampled :

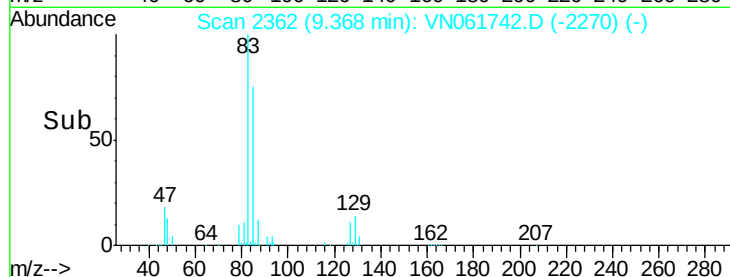
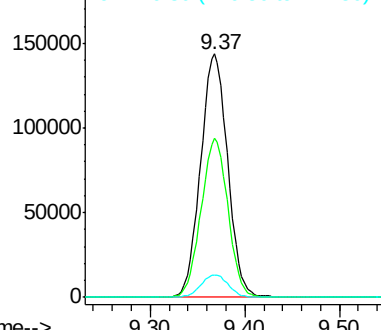
VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 285541 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.4  | 51.1  | 76.7   |
| 127       | 9.3   | 7.2   | 10.8   |

Manual Integrations  
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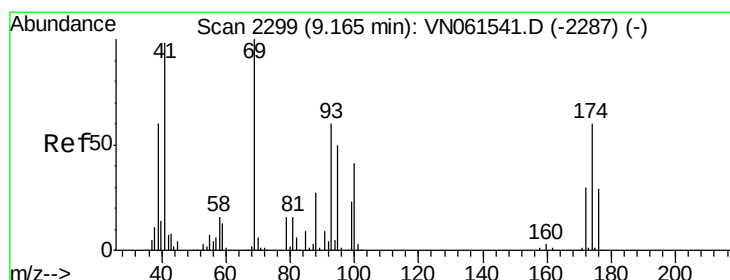


Abundance Ion 82.90 (82.60 to 83.60): VN061742.D (-2270) (-)



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#48

Methyl methacrylate

Concen: 43.326 ug/l

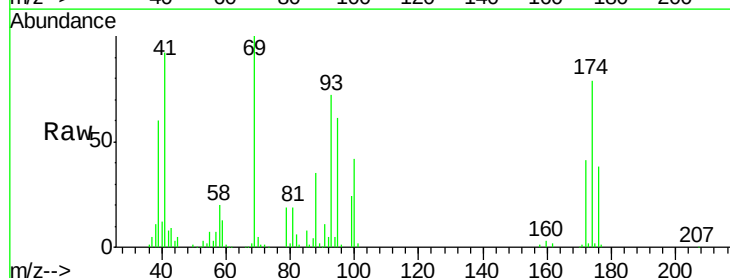
RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

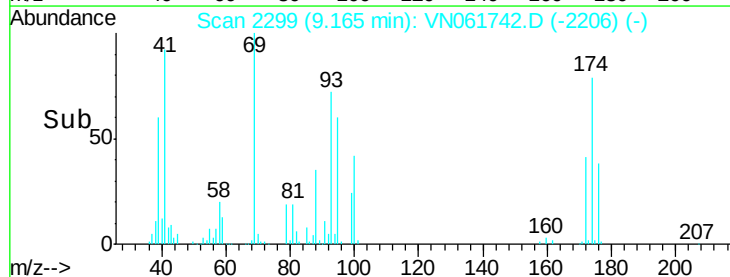
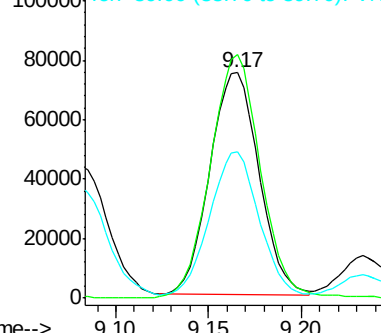
Lab File: VN061742.D

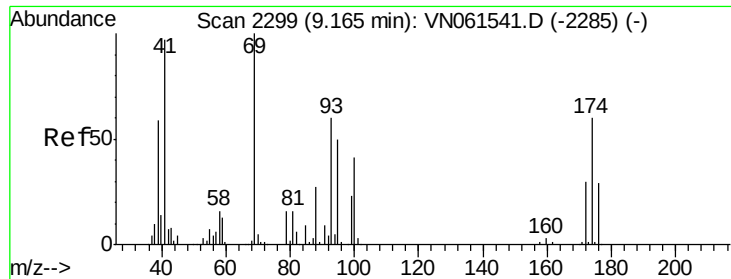
Acq: 11 Jun 2020 12:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 138728 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 111.9 | 83.9  | 125.9  |
| 39        | 67.0  | 52.1  | 78.1   |



Abundance Ion 41.00 (40.70 to 41.70): VN061742.D (-2206) (-)



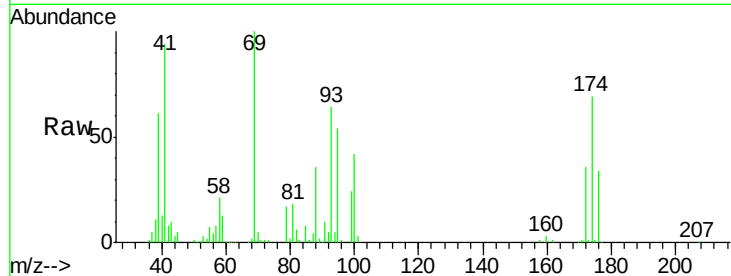


#49  
1,4-Dioxane  
Concen: 1179.051 ug/l  
RT: 9.16 min Scan# 2298  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

| Tot Ion | 88    | Resp  | 58486 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 26.0  | 23.1  | 34.7  |
| 58      | 58.9  | 48.3  | 72.5  |

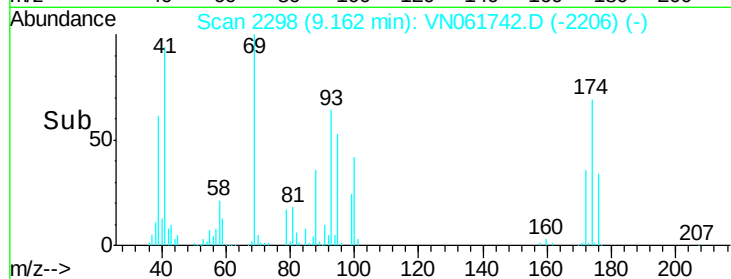
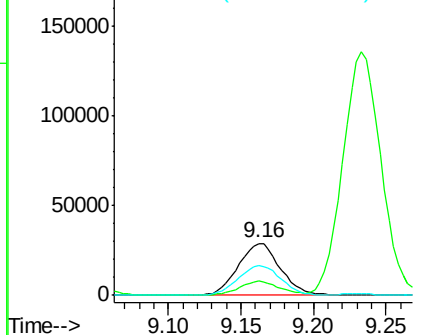
Manual Integrations  
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Abundance Ion 88.00 (87.70 to 88.70): VN061742.D (-2206) (-)

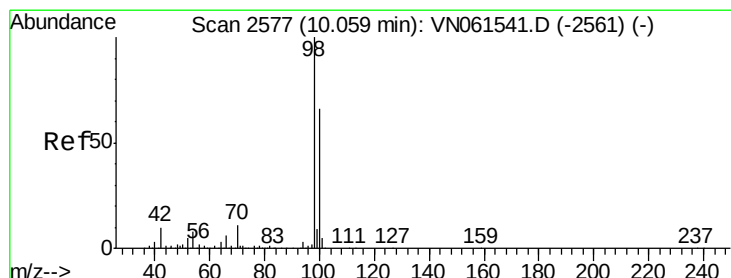
Ion 43.00 (42.70 to 43.70): VN061742.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN061742.D (-2206) (-)



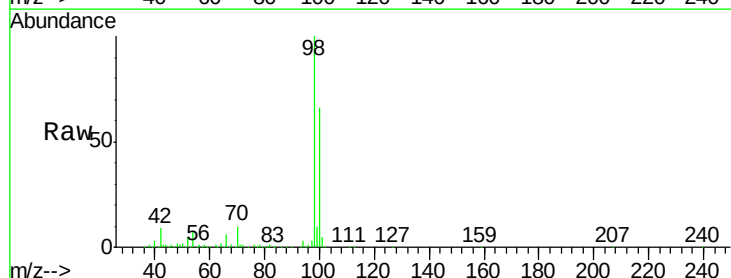
MMDadoda

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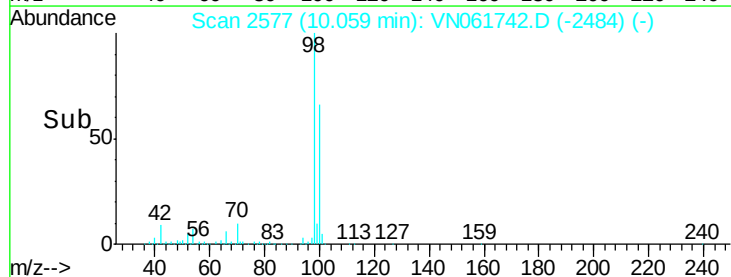
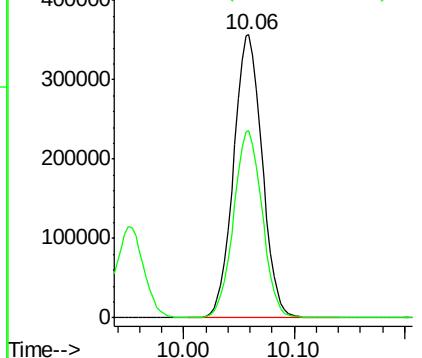
#50  
Toluene-d8  
Concen: 49.298 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

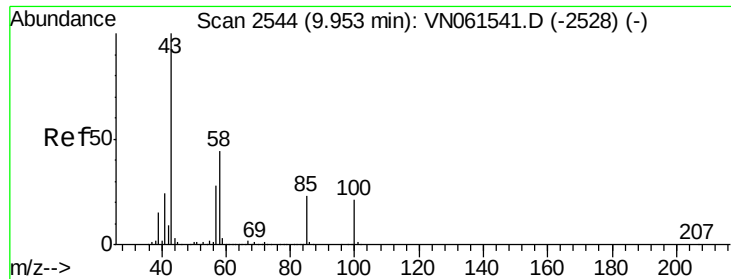
| Tgt Ion | 98    | Resp  | 642946 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 65.9  | 52.8  | 79.2   |



Abundance Ion 98.00 (97.70 to 98.70): VN061742.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061742.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 230.377 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

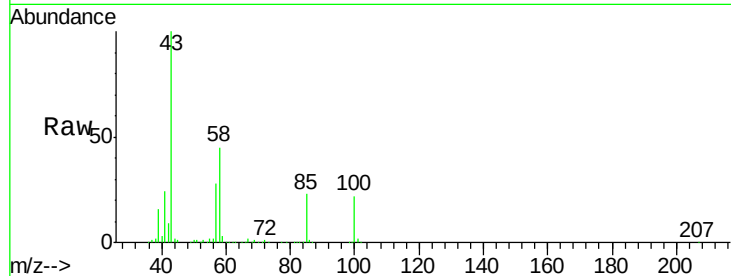
Tot Ion: 43 Resp: 923936

Ion Ratio Lower Upper

43 100

58 45.7 35.0 52.6

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Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-2528) (-)

9.95

600000

500000

400000

300000

200000

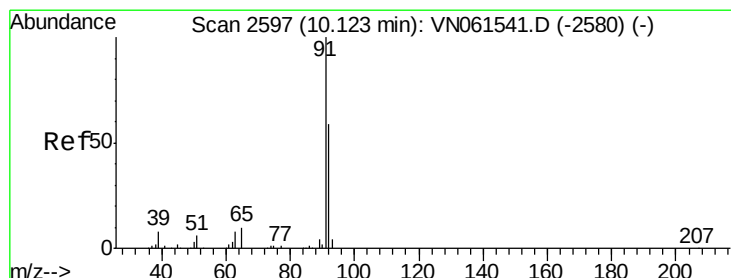
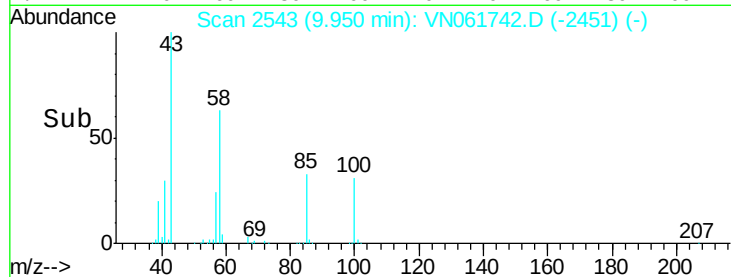
100000

0

Time-->

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#52

Toluene

Concen: 53.098 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061742.D

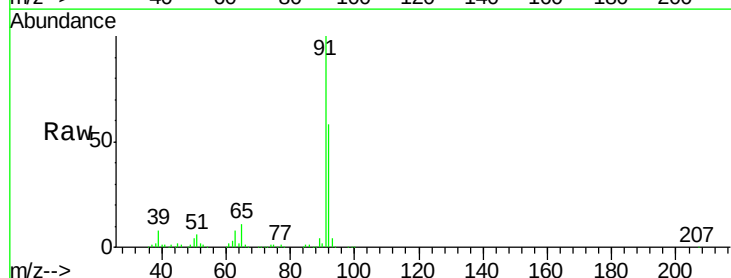
Acq: 11 Jun 2020 12:16

Tgt Ion: 92 Resp: 525171

Ion Ratio Lower Upper

92 100

91 170.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN061541.D (-2580) (-)

Ion 91.00 (90.70 to 91.70): VN061541.D (-2580) (-)

10.12

500000

400000

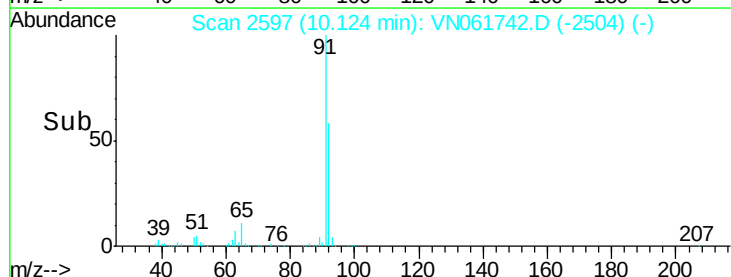
300000

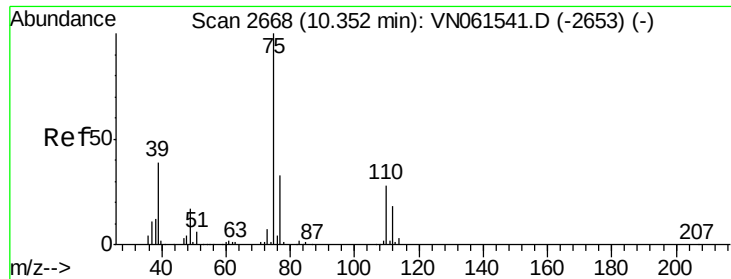
200000

100000

0

Time-->



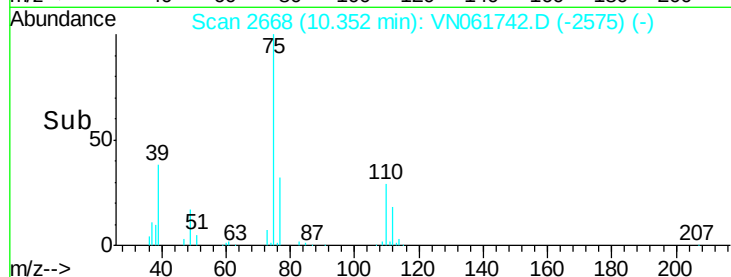
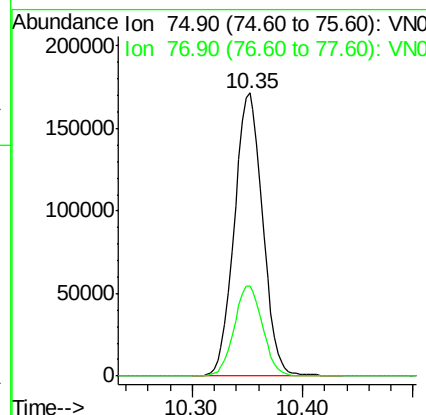
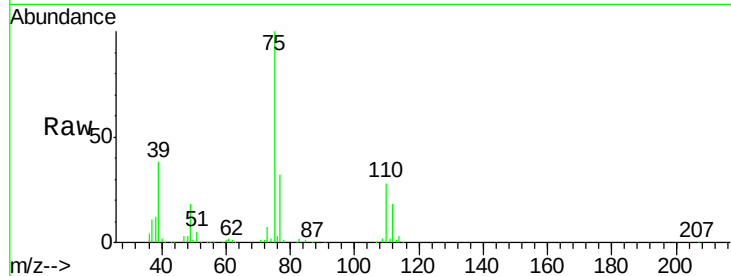


#53  
t-1,3-Dichloropropene  
Concen: 51.878 ug/l  
RT: 10.35 min Scan# 2668  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

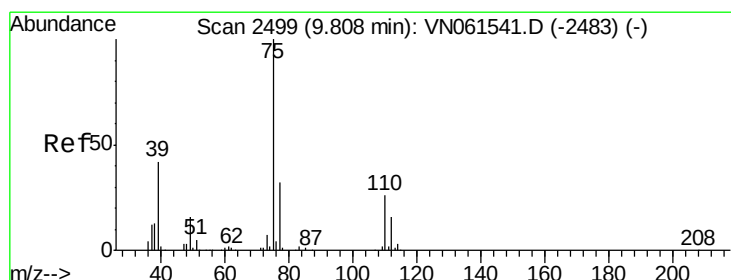
Tot Ion: 75 Resp: 305566  
Ion Ratio Lower Upper  
75 100  
77 32.0 26.2 39.4

Manual Integrations  
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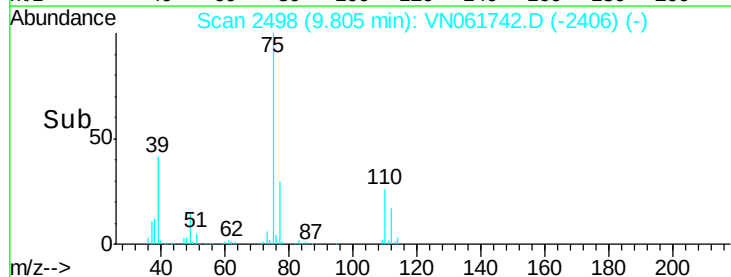
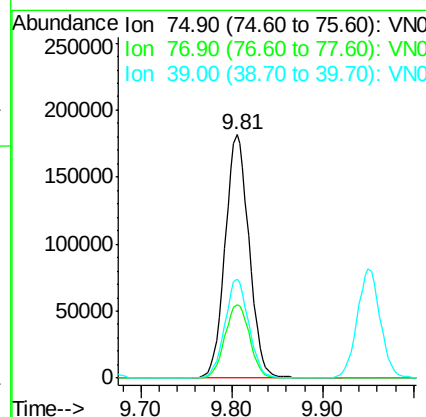
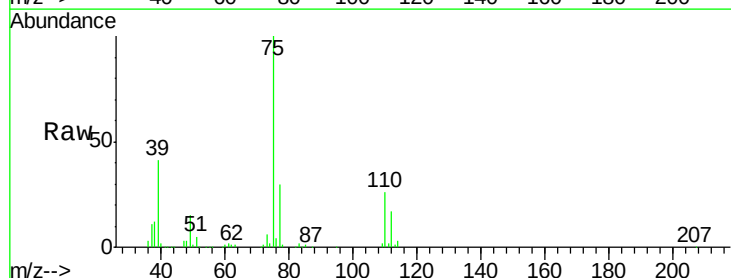
MMDadoda

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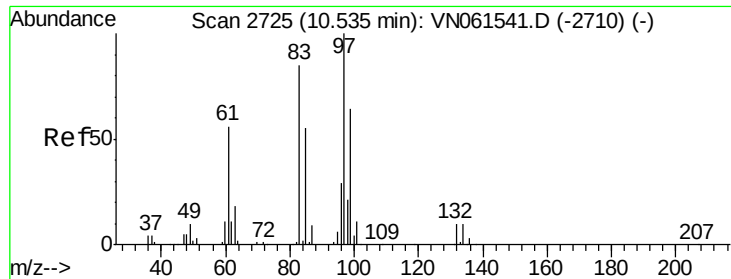


#54  
cis-1,3-Dichloropropene  
Concen: 52.414 ug/l  
RT: 9.81 min Scan# 2498  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Tgt Ion: 75 Resp: 331949  
Ion Ratio Lower Upper  
75 100  
77 30.4 25.4 38.2  
39 40.6 33.8 50.6





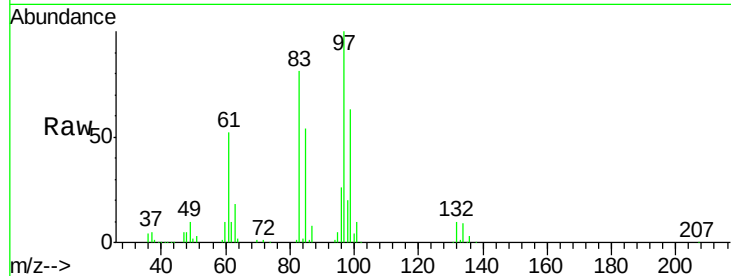


#55  
 1,1,2-Trichloroethane  
 Concen: 52.246 ug/l  
 RT: 10.53 min Scan# 2724  
 Delta R.T. -0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

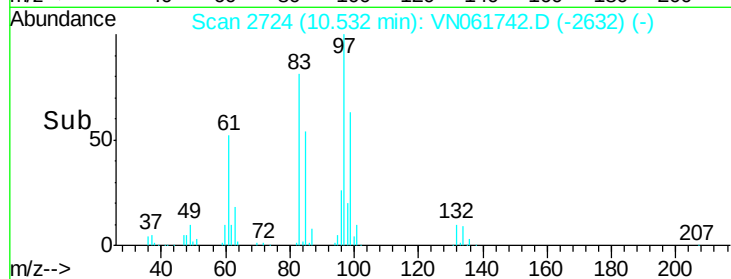
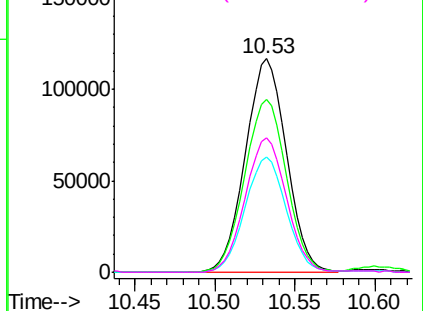
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 97    | Resp: | 205875 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 81.0  | 68.1  | 102.1  |
| 85        | 53.7  | 44.1  | 66.1   |
| 99        | 63.1  | 51.1  | 76.7   |

Manual Integrations  
 APPROVED

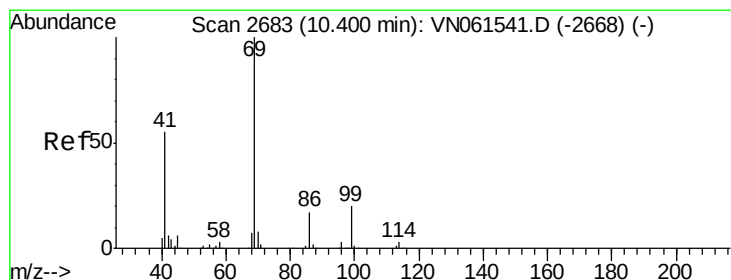


Abundance Ion 96.90 (96.60 to 97.60): VN0  
 Ion 82.90 (82.60 to 83.60): VN0  
 Ion 84.90 (84.60 to 85.60): VN0  
 Ion 98.90 (98.60 to 99.60): VN0



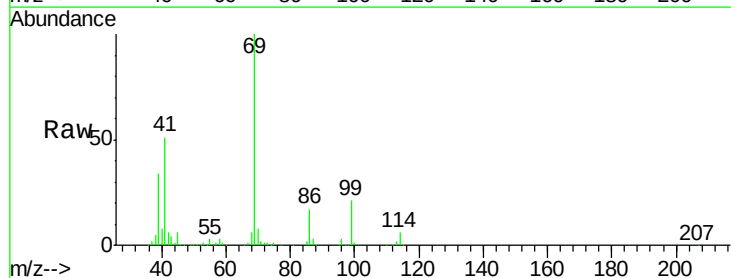
MMDadoda

6/12/2020 5:46:08 PM

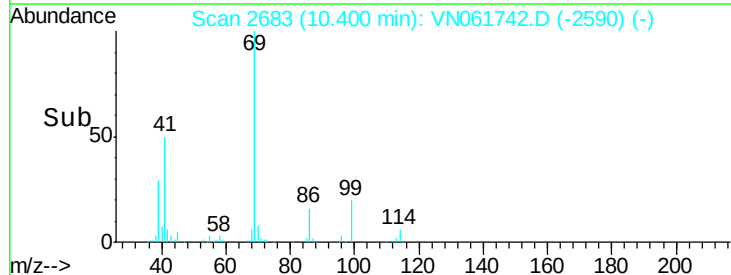
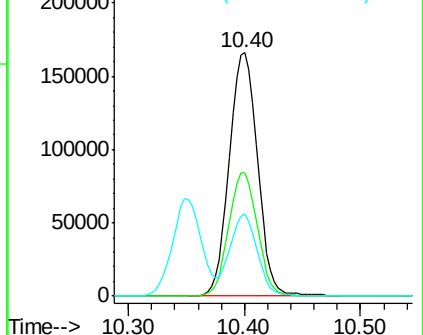


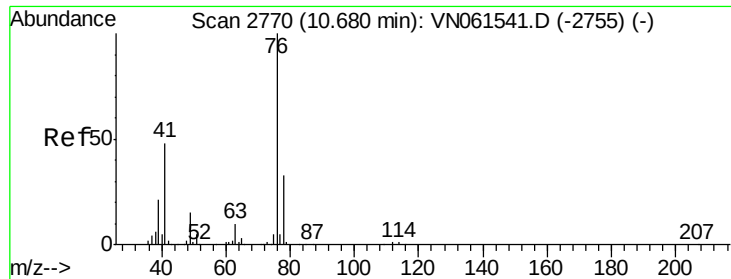
#56  
 Ethyl methacrylate  
 Concen: 50.874 ug/l  
 RT: 10.40 min Scan# 2683  
 Delta R.T. 0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 69    | Resp: | 280033 |
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 50.7  | 43.5  | 65.3   |
| 39        | 33.1  | 27.0  | 40.6   |



Abundance Ion 69.00 (68.70 to 69.70): VN0  
 Ion 41.00 (40.70 to 41.70): VN0  
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 51.963 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

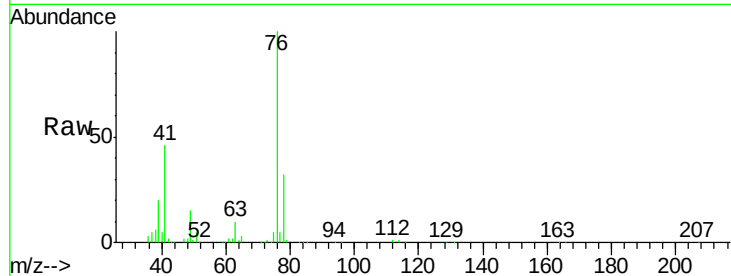
Tot Ion: 76 Resp: 327485

Ion Ratio Lower Upper

76 100

78 32.2 26.3 39.5

Manual Integrations  
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

200000

150000

100000

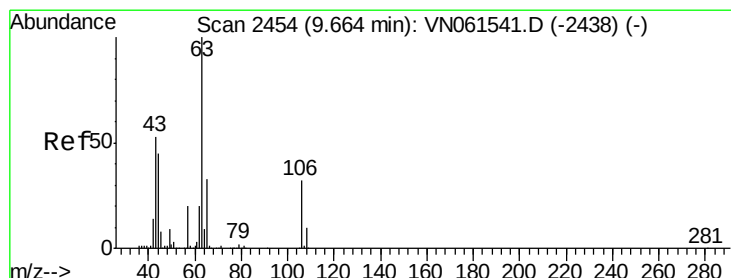
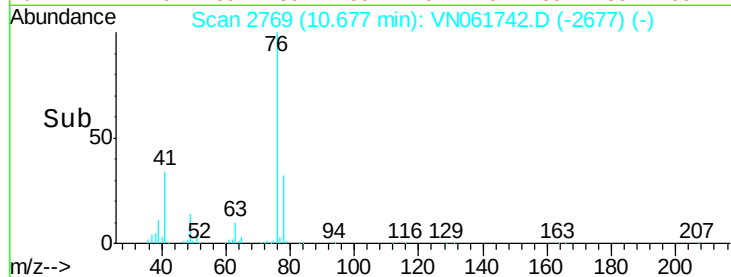
50000

0

Time--> 10.60 10.70 10.80

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#58

2-Chloroethyl Vinyl ether

Concen: 251.895 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN061742.D

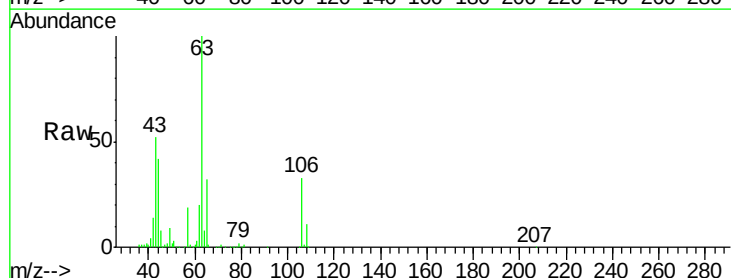
Acq: 11 Jun 2020 12:16

Tgt Ion: 63 Resp: 592538

Ion Ratio Lower Upper

63 100

106 32.9 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

400000

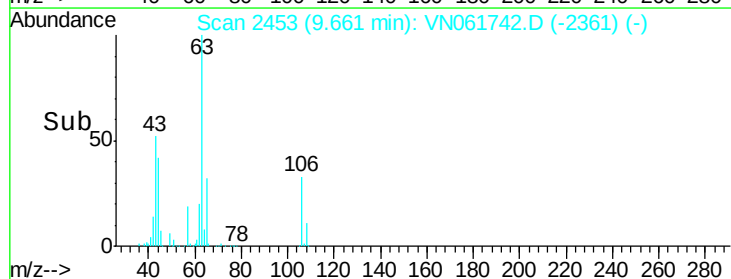
300000

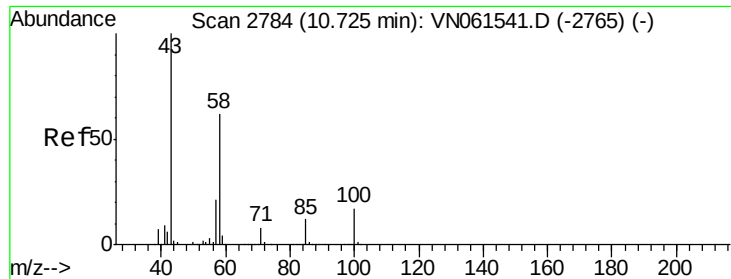
200000

100000

0

Time--> 9.60 9.70 9.80



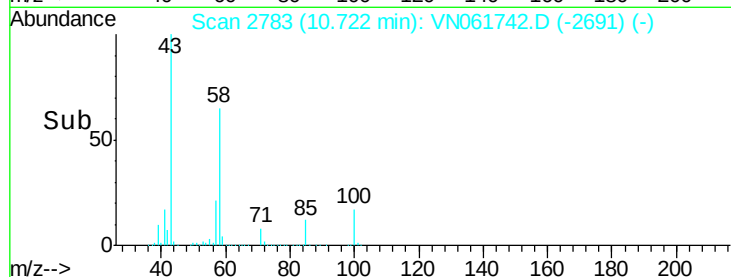
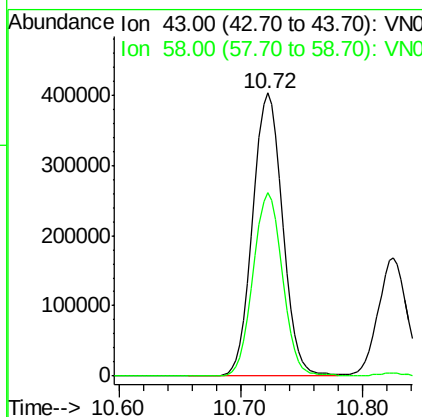
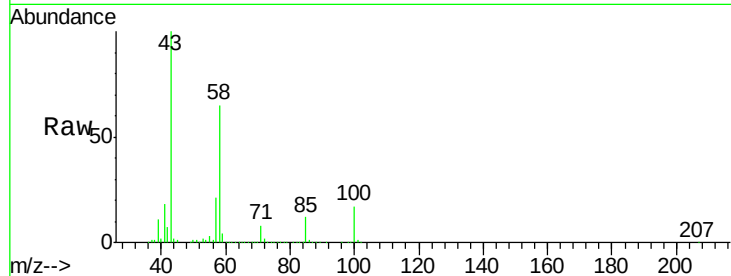


#59  
2-Hexanone  
Concen: 235.809 ug/l  
RT: 10.72 min Scan# 2783  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

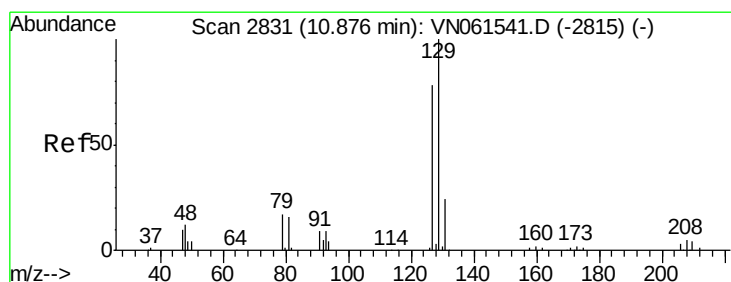
Tot Ion: 43 Resp: 679191  
Ion Ratio Lower Upper  
43 100  
58 64.0 30.7 92.1

Manual Integrations  
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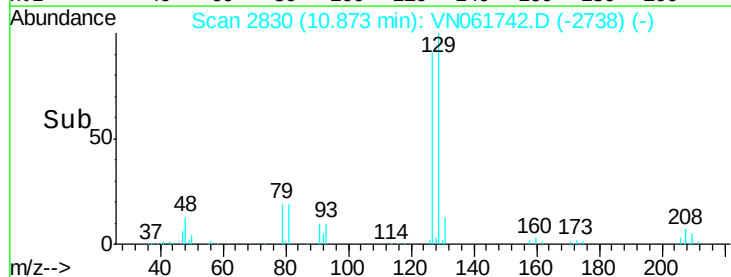
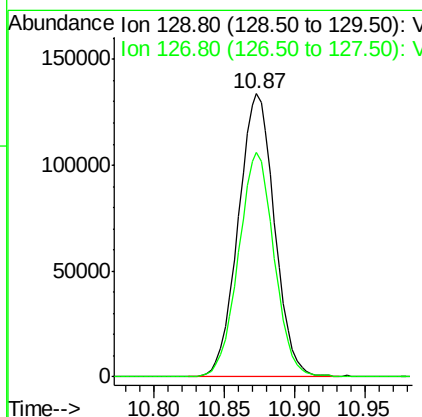
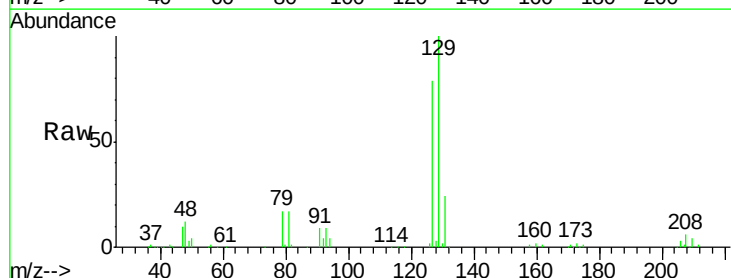
MMDadoda

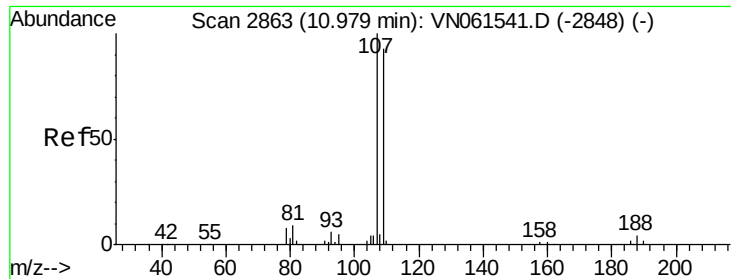
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#60  
Dibromochloromethane  
Concen: 53.829 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Tgt Ion: 129 Resp: 241145  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.8 116.3



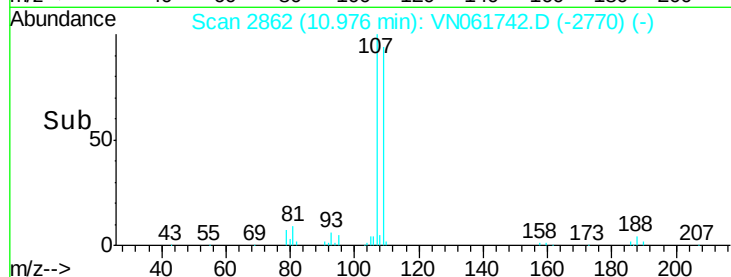
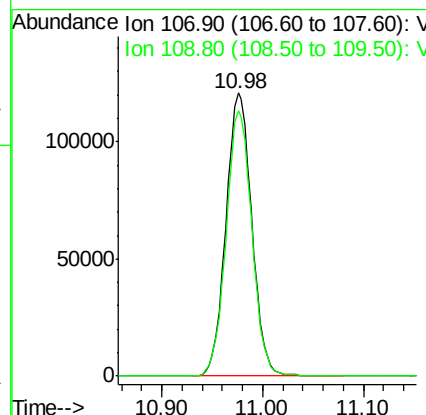
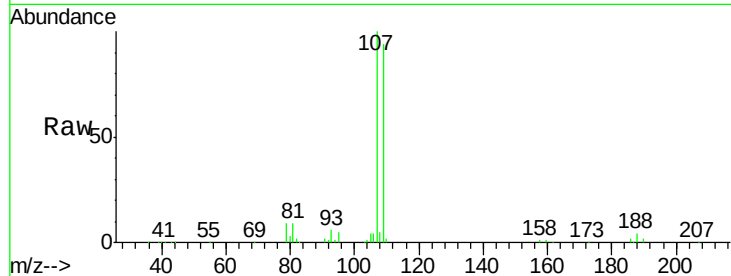


#61  
 1,2-Dibromoethane  
 Concen: 52.650 ug/l  
 RT: 10.98 min Scan# 2862  
 Delta R.T. -0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

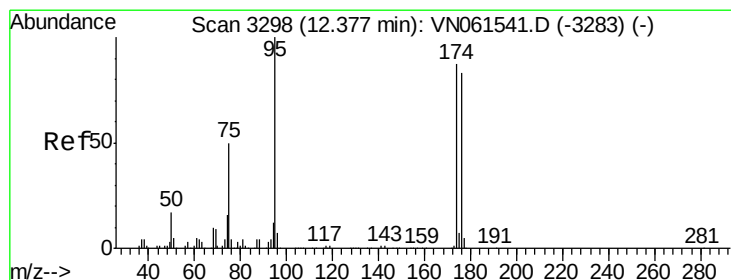
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 216379 |       |       |
| 109     | 93.7  | 76.1   | 114.1 |       |

Manual Integrations  
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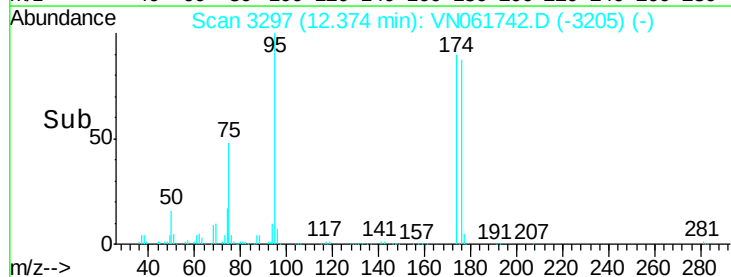
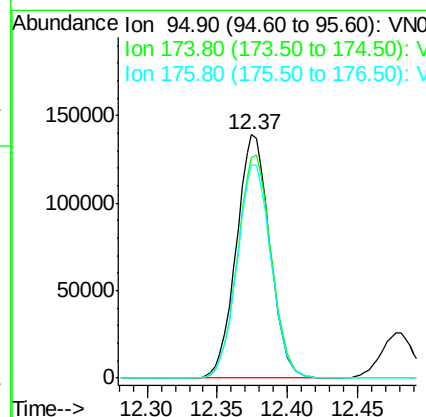
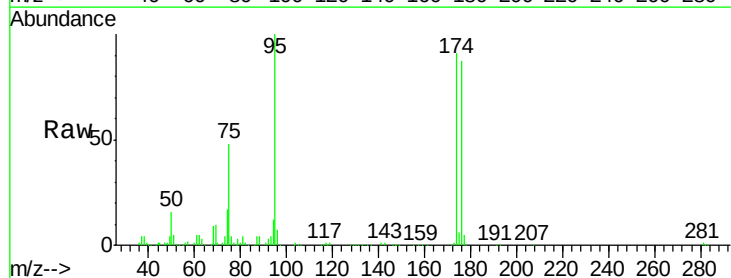
MMDadoda

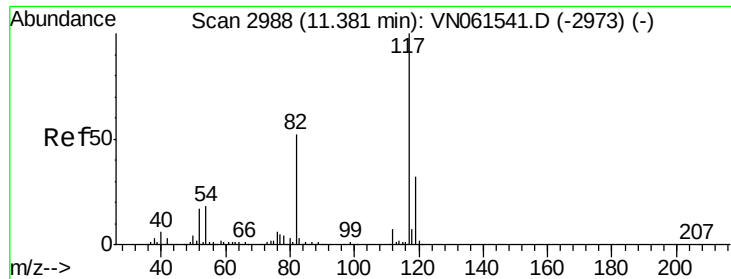
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#62  
 4-Bromofluorobenzene  
 Concen: 48.634 ug/l  
 RT: 12.37 min Scan# 3297  
 Delta R.T. -0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 95      | 100   | 231411 |       |       |
| 174     | 92.7  | 0.0    | 172.8 |       |
| 176     | 89.0  | 0.0    | 164.8 |       |



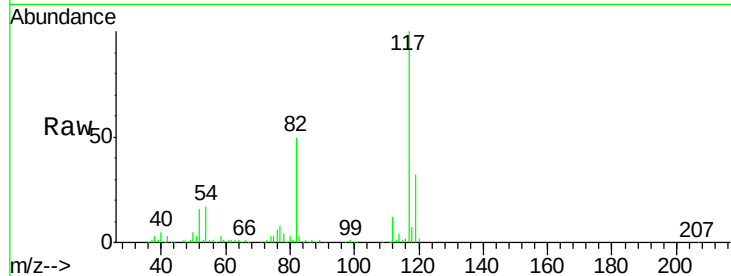


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 50.5  | 41.5  | 62.3  |
| 119     | 31.9  | 25.6  | 38.4  |

Manual Integrations  
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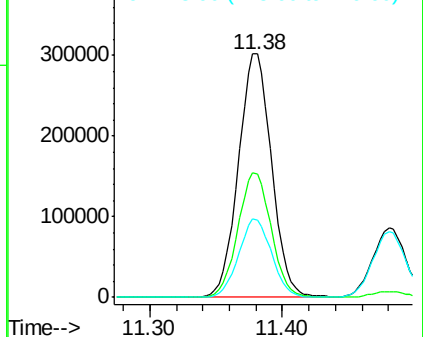


Abundance

Ion 116.90 (116.60 to 117.60): V

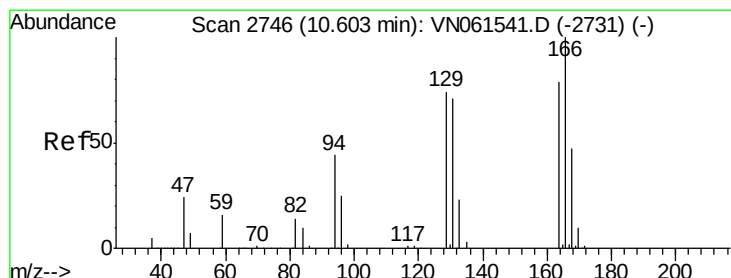
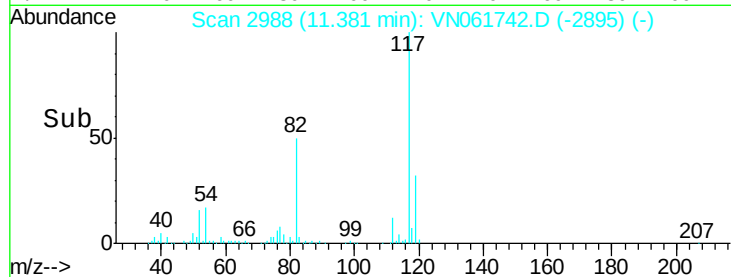
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



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#64  
Tetrachloroethene  
Concen: 54.344 ug/l  
RT: 10.60 min Scan# 2745  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.2 | 101.5 | 152.3 |
| 129     | 89.0  | 74.9  | 112.3 |
| 131     | 86.7  | 72.2  | 108.2 |

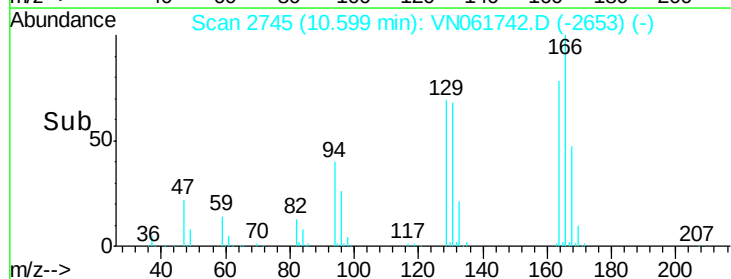
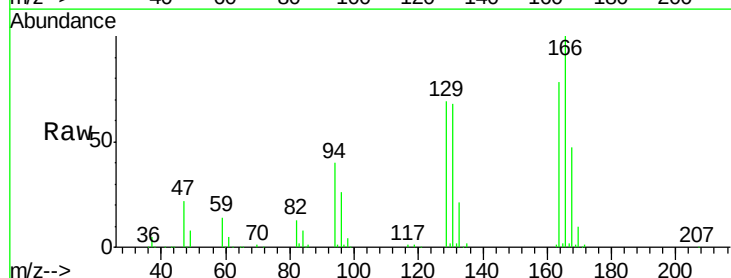
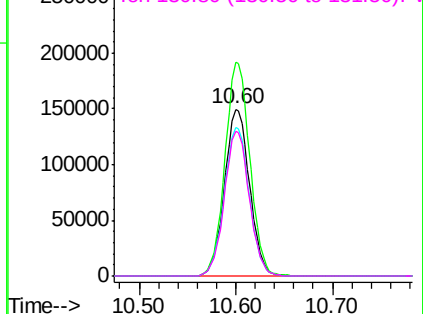
Abundance

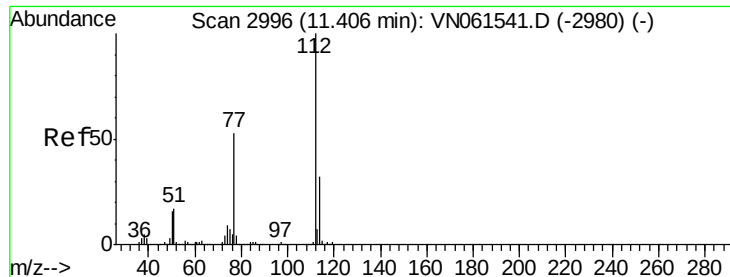
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



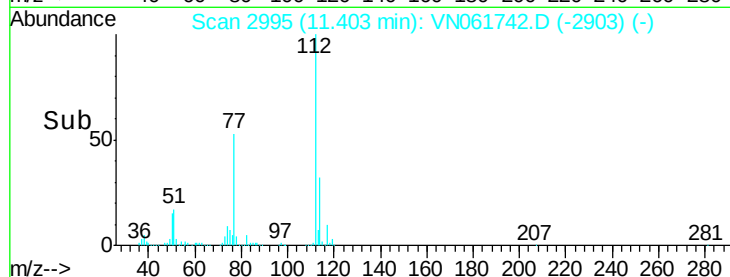
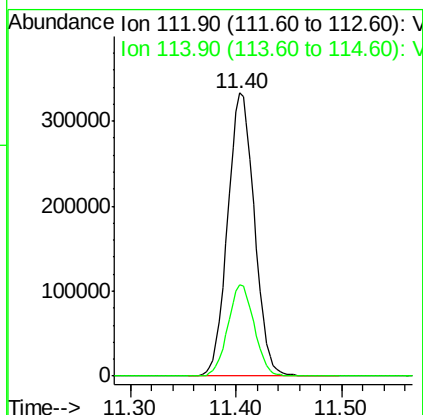
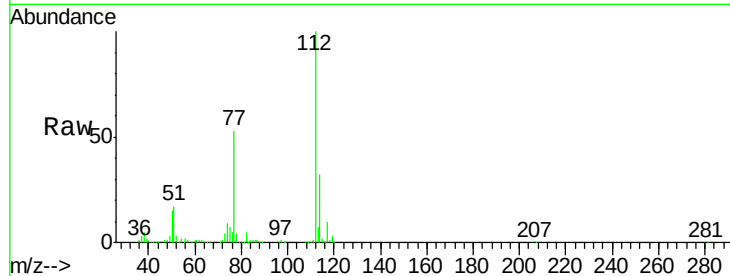


#65  
Chlorobenzene  
Concen: 53.446 ug/l  
RT: 11.40 min Scan# 2995  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

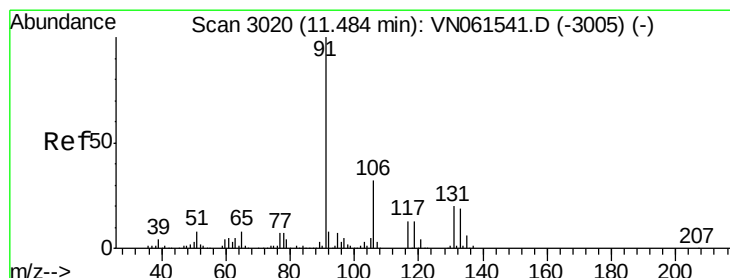
Tot Ion:112 Resp: 582966  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.7 38.5

Manual Integrations  
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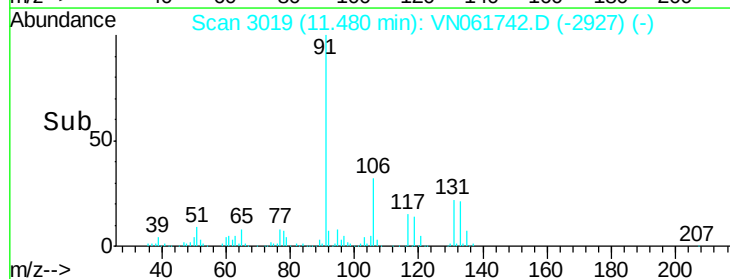
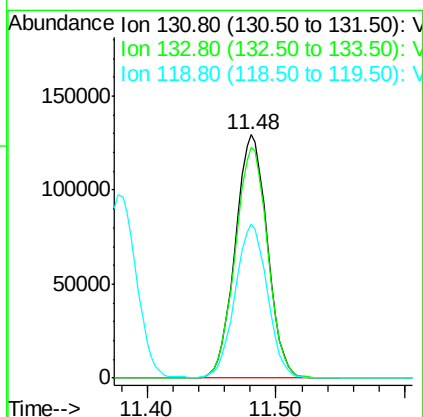
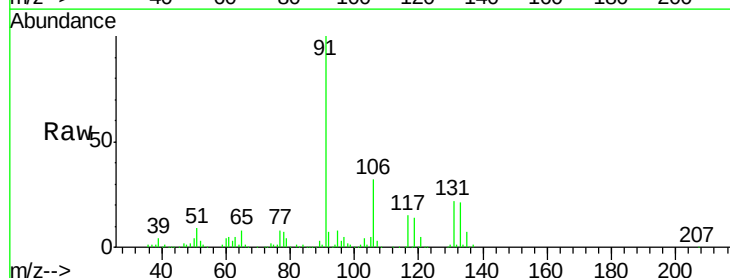
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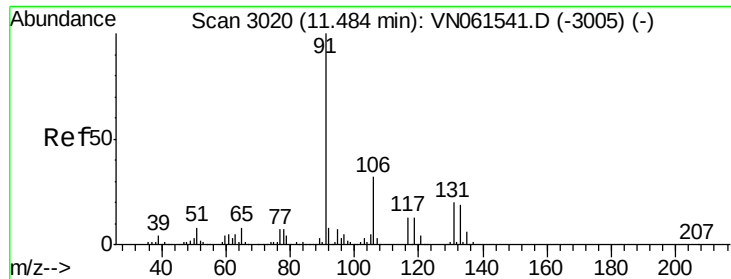
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.217 ug/l  
RT: 11.48 min Scan# 3019  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Tgt Ion:131 Resp: 224261  
Ion Ratio Lower Upper  
131 100  
133 96.0 47.4 142.2  
119 63.6 32.6 97.8



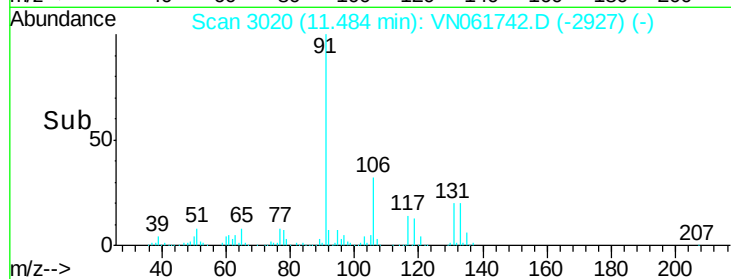
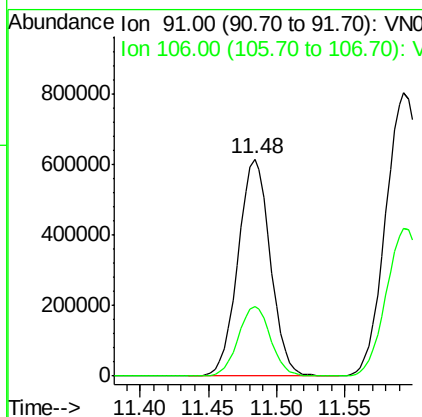
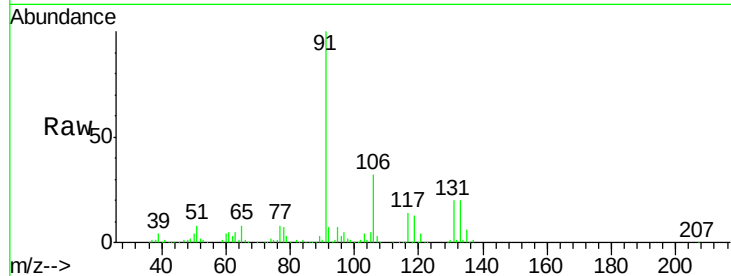


#67  
Ethyl Benzene  
Concen: 53.555 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

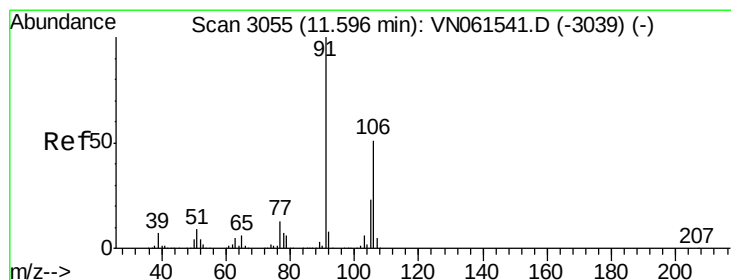
Tot Ion: 91 Resp: 1009667  
Ion Ratio Lower Upper  
91 100  
106 32.2 25.6 38.4

Manual Integrations  
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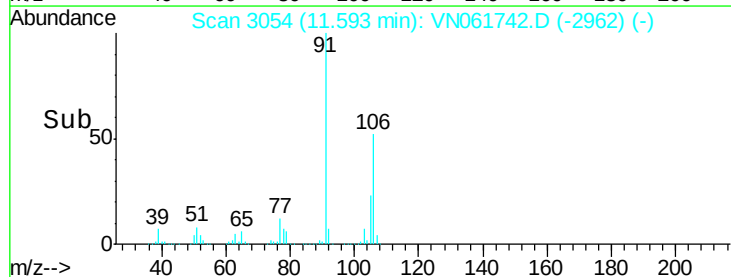
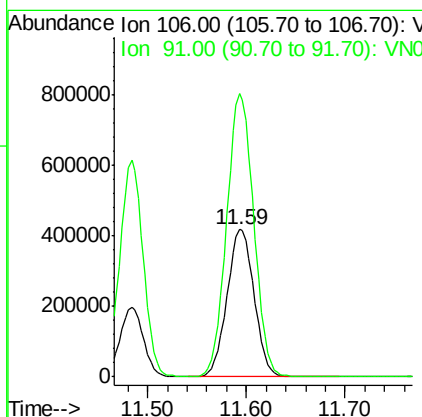
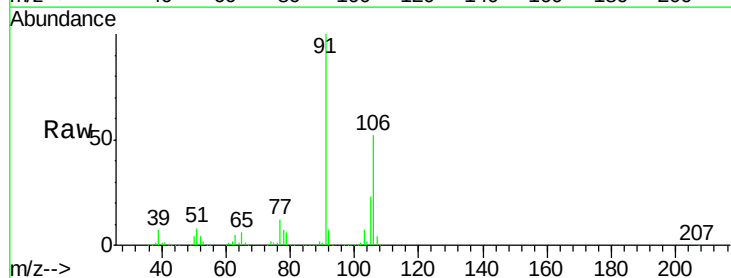
MMDadoda

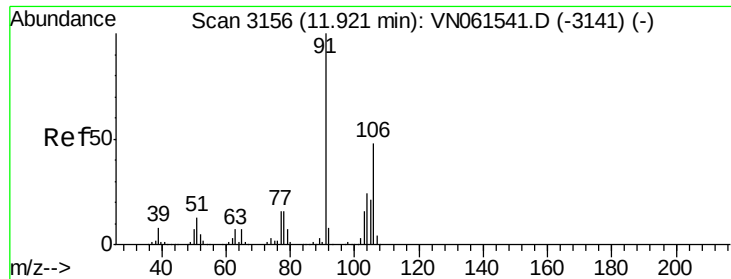
6/12/2020 5:46:08 PM



#68  
m/p-Xylenes  
Concen: 107.187 ug/l  
RT: 11.59 min Scan# 3054  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Tgt Ion: 106 Resp: 801245  
Ion Ratio Lower Upper  
106 100  
91 192.4 156.2 234.4



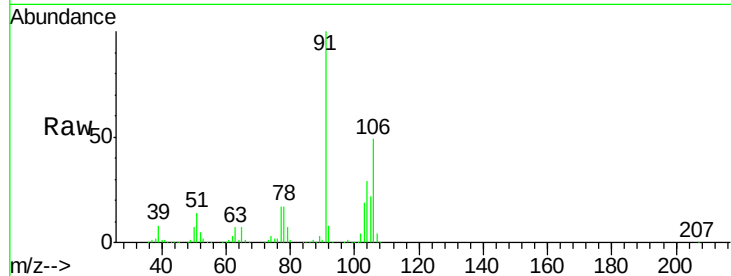


#69  
o-Xylene  
Concen: 53.254 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

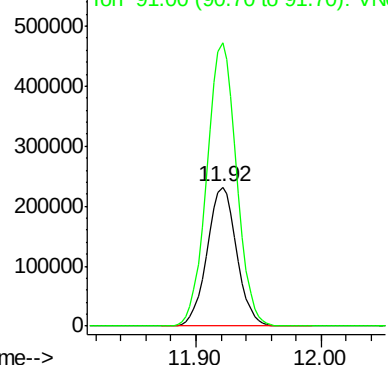
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 204.9 | 103.3 | 309.8 |

Manual Integrations  
APPROVED

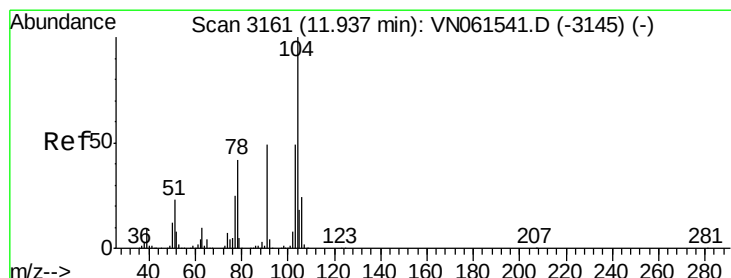
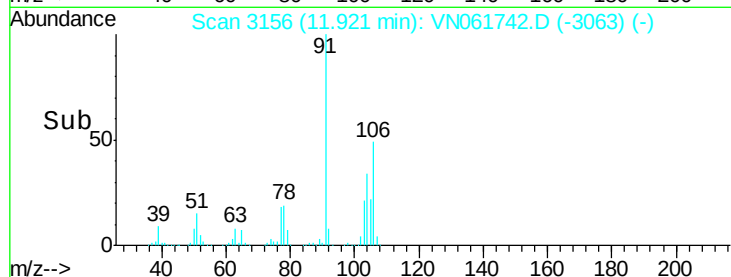


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN



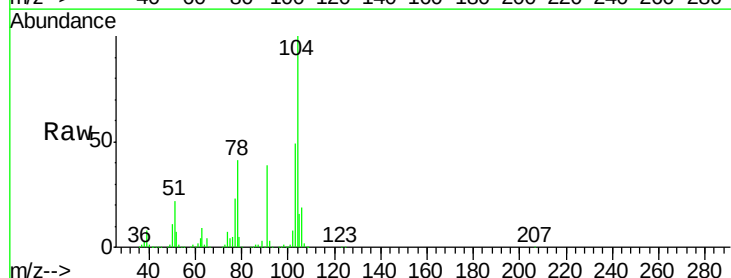
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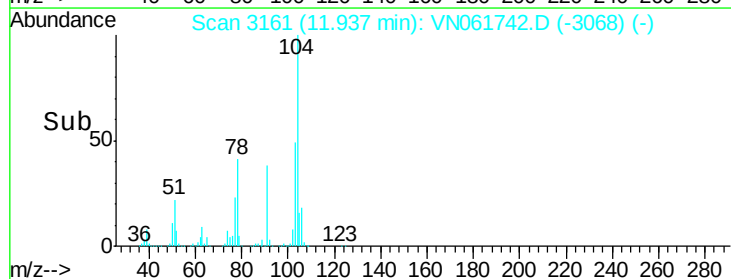
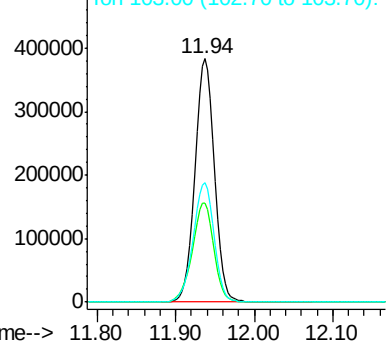


#70  
Styrene  
Concen: 55.426 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

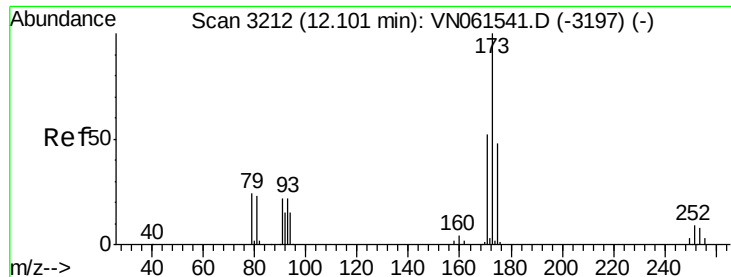
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 44.9  | 37.4  | 56.0  |
| 103     | 53.1  | 42.3  | 63.5  |



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VN  
Ion 103.00 (102.70 to 103.70): V







#71

Bromoform

Concen: 55.524 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

Tot Ion:173 Resp: 173770

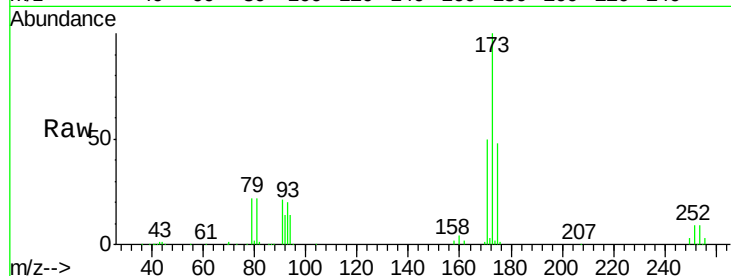
Ion Ratio Lower Upper

173 100

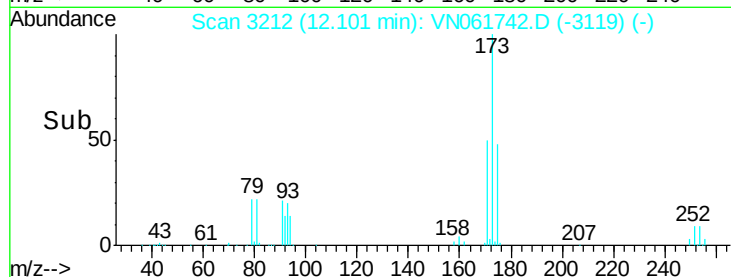
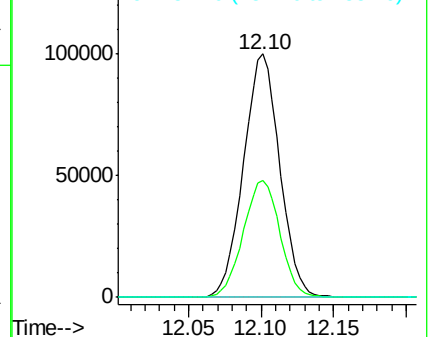
175 48.7 24.4 73.2

254 0.0 0.0 0.0#

Manual Integrations  
APPROVED

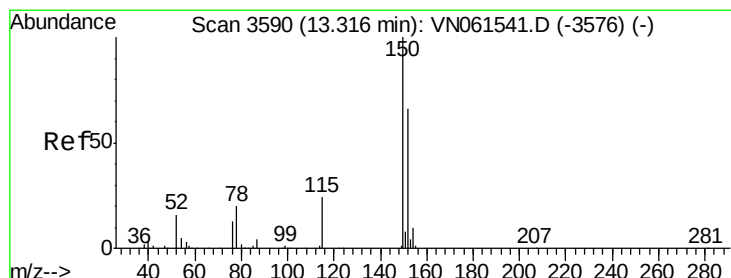


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

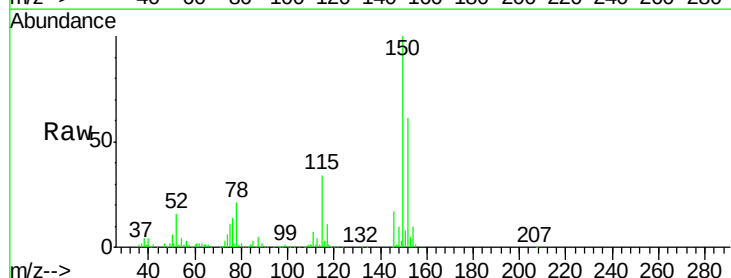
Tgt Ion:152 Resp: 273192

Ion Ratio Lower Upper

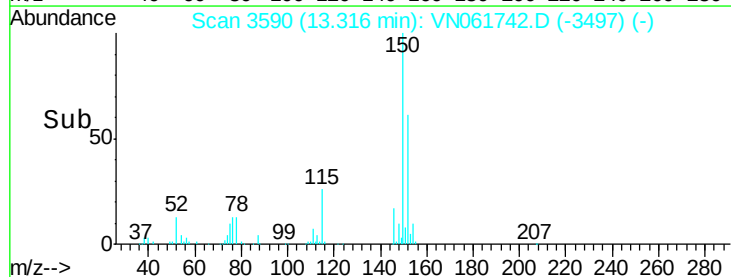
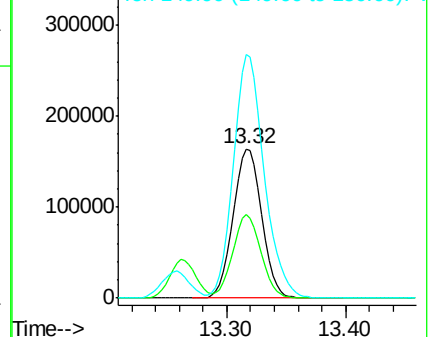
152 100

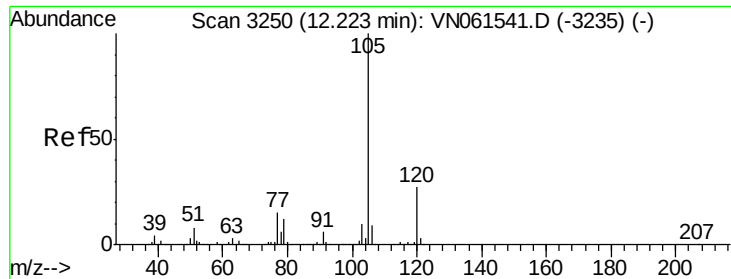
115 55.1 28.0 84.0

150 174.9 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



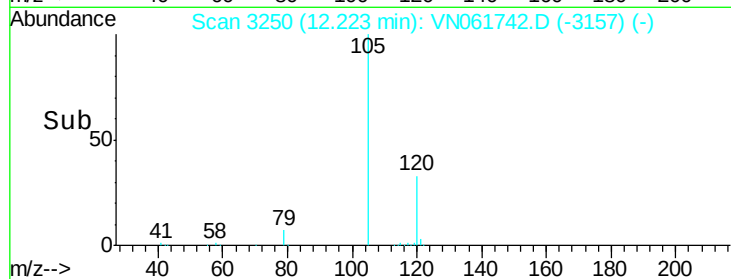
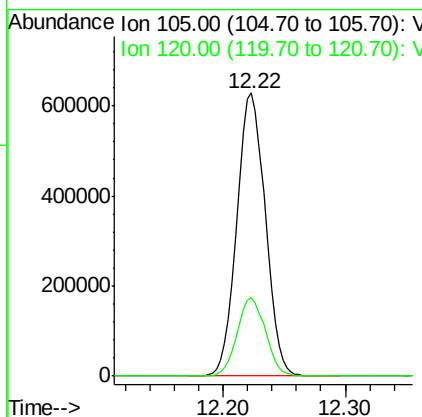
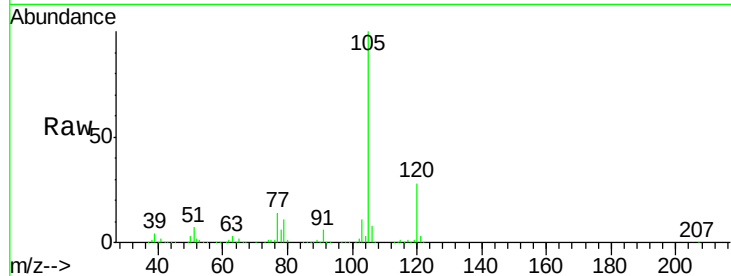


#73  
Isopropylbenzene  
Concen: 50.879 ug/l  
RT: 12.22 min Scan# 3250  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

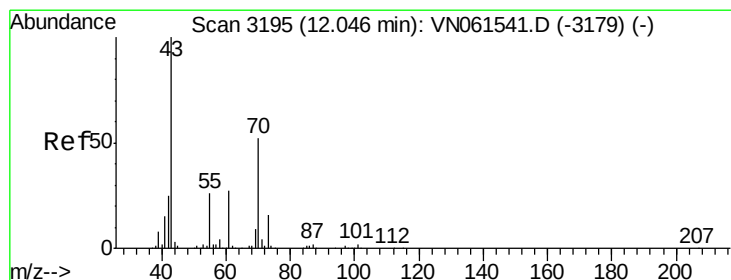
Tot Ion:105 Resp: 1014494  
Ion Ratio Lower Upper  
105 100  
120 27.5 13.8 41.3

Manual Integrations  
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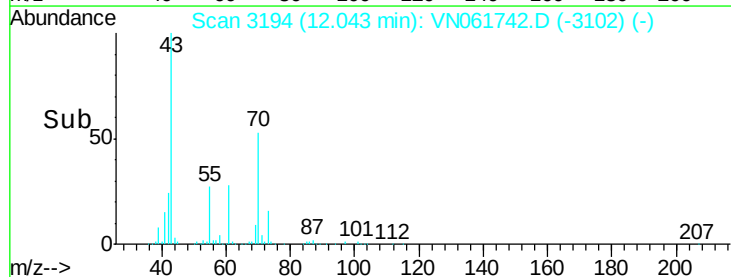
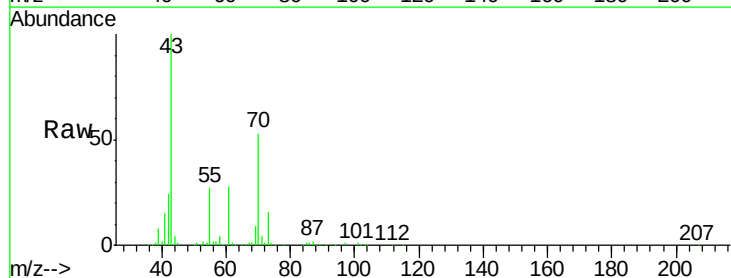
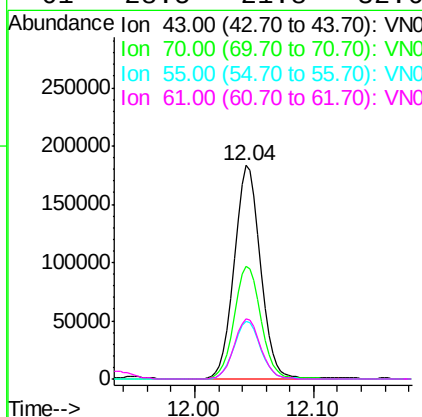
MMDadoda

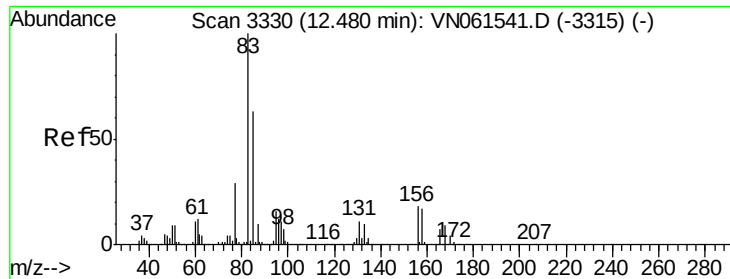
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#74  
N-ethyl acetate  
Concen: 44.839 ug/l  
RT: 12.04 min Scan# 3194  
Delta R.T. -0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Tgt Ion: 43 Resp: 281561  
Ion Ratio Lower Upper  
43 100  
70 53.4 40.5 60.7  
55 27.6 20.6 31.0  
61 28.5 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.316 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

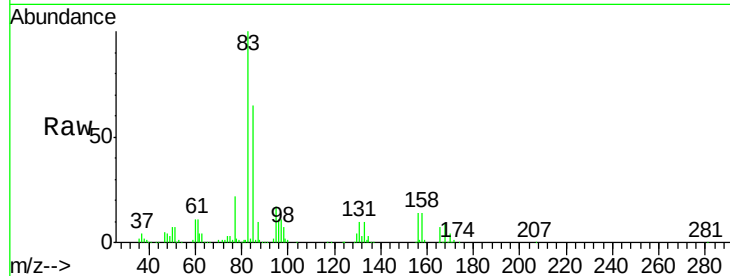
MSVOA\_N

ClientSampled :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 258800 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.1  | 5.5   | 16.5   |
| 85        | 64.6  | 32.1  | 96.3   |

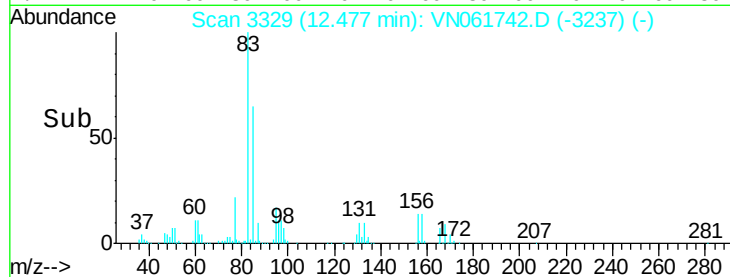
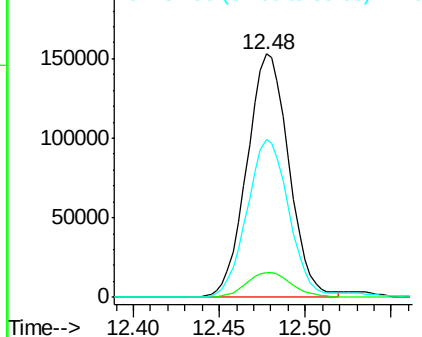
Manual Integrations  
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Abundance Ion 82.90 (82.60 to 83.60): VN061742.D (-3237) (-)

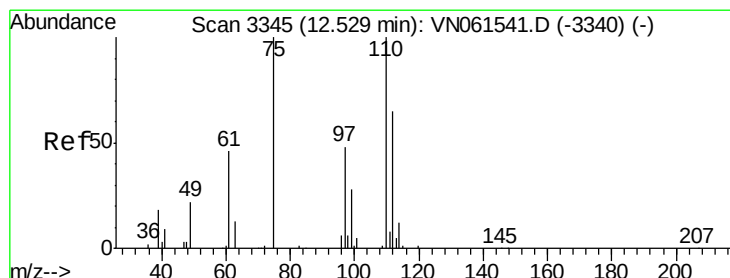
Ion 130.80 (130.50 to 131.50): VN061742.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061742.D (-3237) (-)



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#76

1,2,3-Trichloropropane

Concen: 47.656 ug/l m

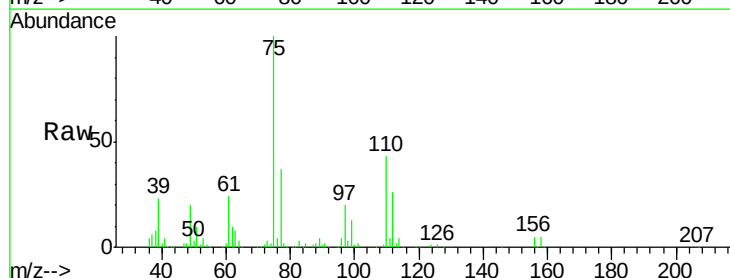
RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061742.D

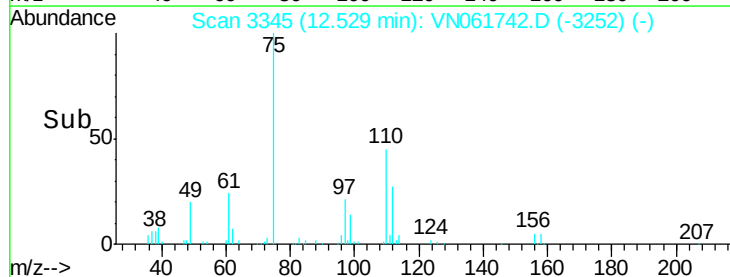
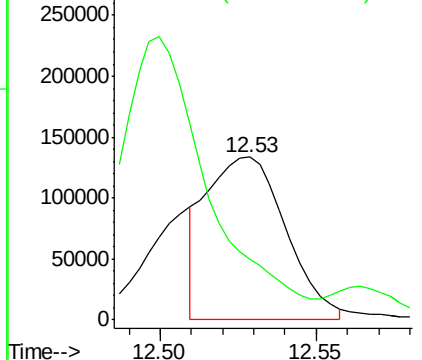
Acq: 11 Jun 2020 12:16

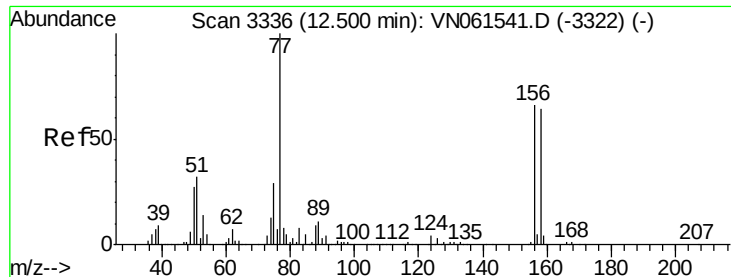
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 236742 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |



Abundance Ion 74.90 (74.60 to 75.60): VN061742.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061742.D (-3252) (-)





#77

Bromobenzene

Concen: 52.790 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

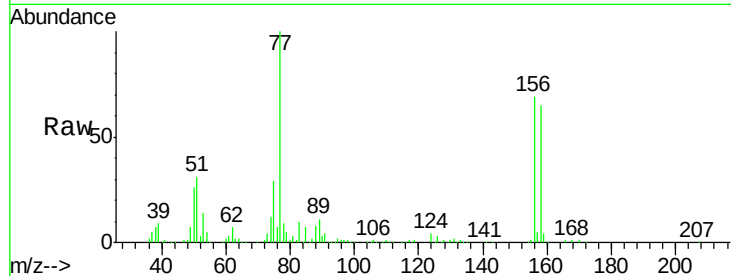
MSVOA\_N

ClientSampled :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 174.3 | 90.9  | 272.7 |
| 158     | 96.4  | 48.4  | 145.3 |

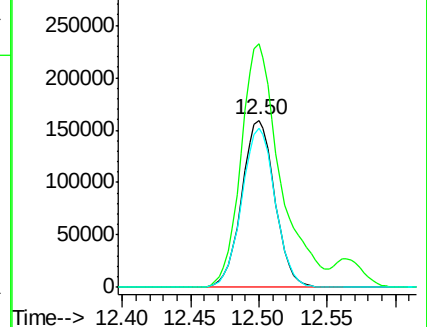
Manual Integrations  
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Abundance Ion 155.80 (155.50 to 156.50): V

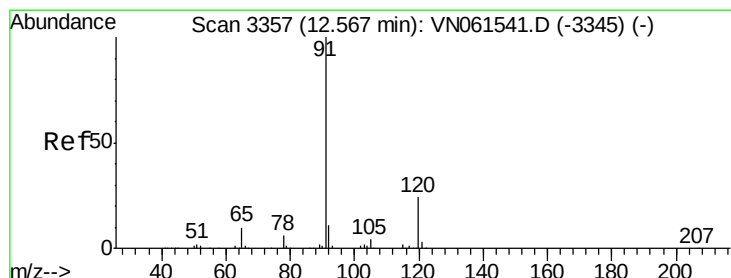
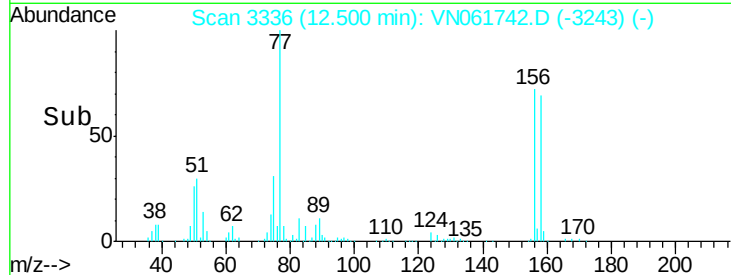
Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



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#78

n-propylbenzene

Concen: 51.450 ug/l

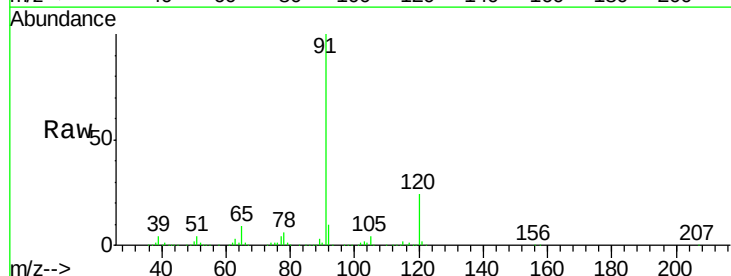
RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061742.D

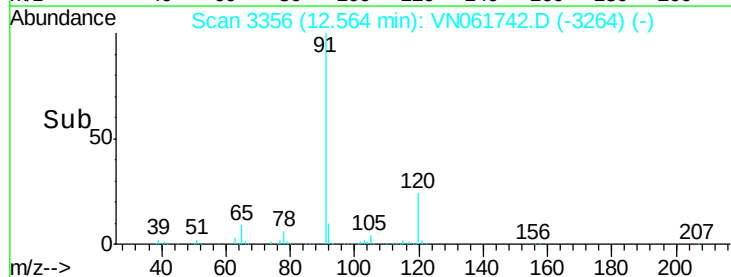
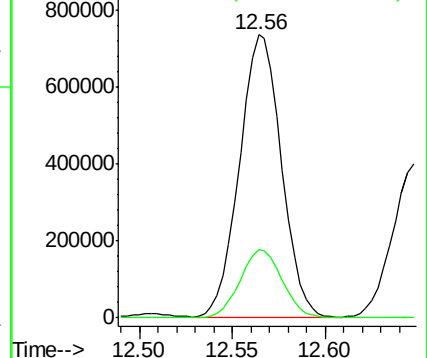
Acq: 11 Jun 2020 12:16

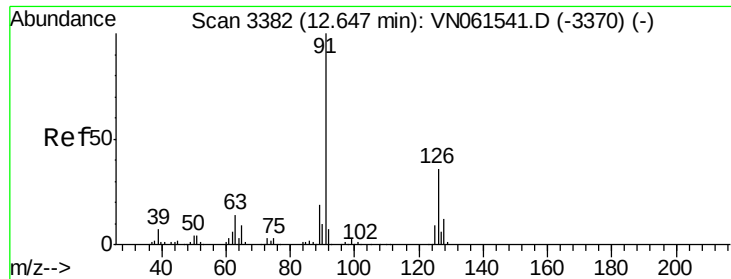
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.4  | 12.3  | 36.9  |



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



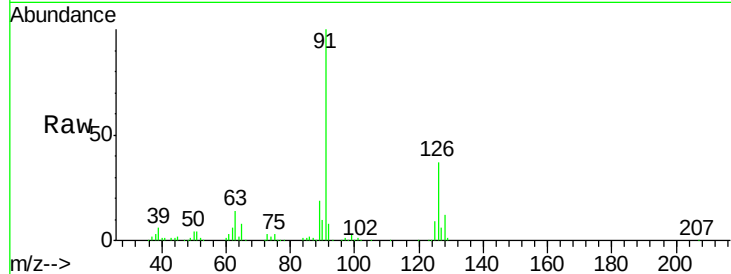


#79  
 2-Chlorotoluene  
 Concen: 49.556 ug/l  
 RT: 12.65 min Scan# 3382  
 Delta R.T. 0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

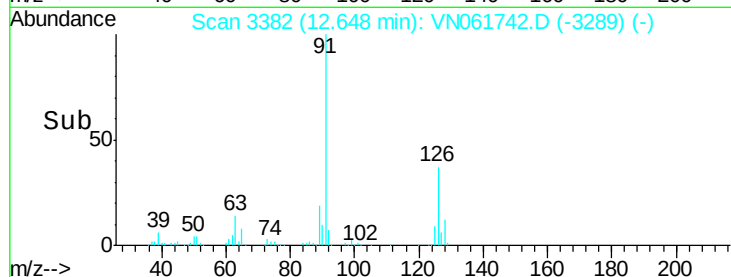
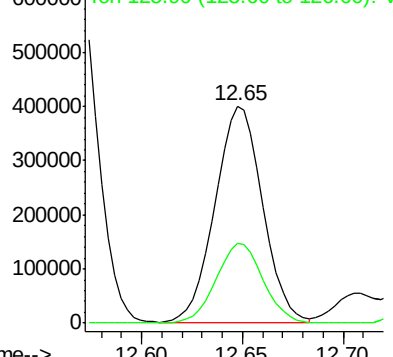
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

Tot Ion: 91 Resp: 657764  
 Ion Ratio Lower Upper  
 91 100  
 126 36.8 17.9 53.7

Manual Integrations  
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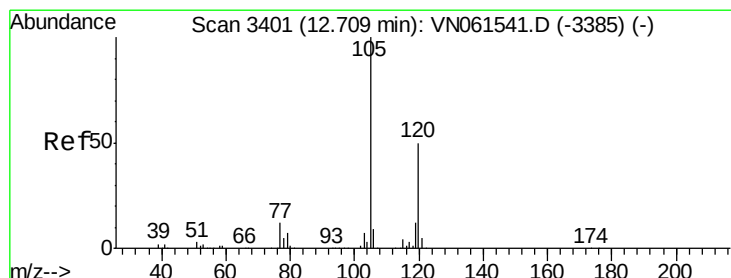


Abundance Ion 91.00 (90.70 to 91.70): VN061742.D (-3382) (-)  
 Ion 125.90 (125.60 to 126.60): VN061742.D (-3382) (-)



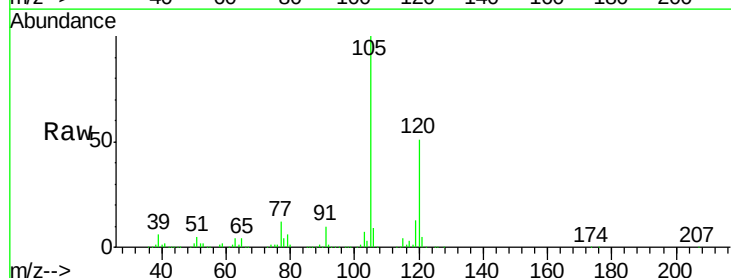
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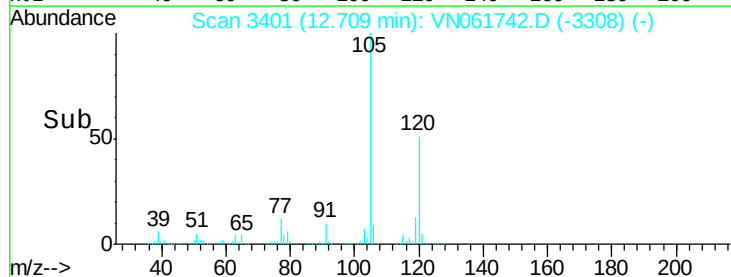
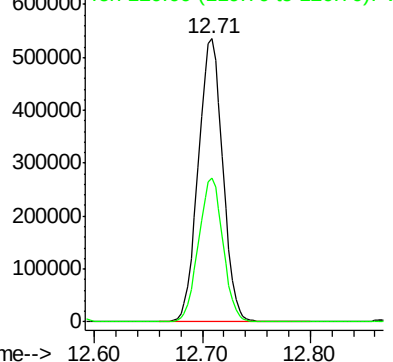


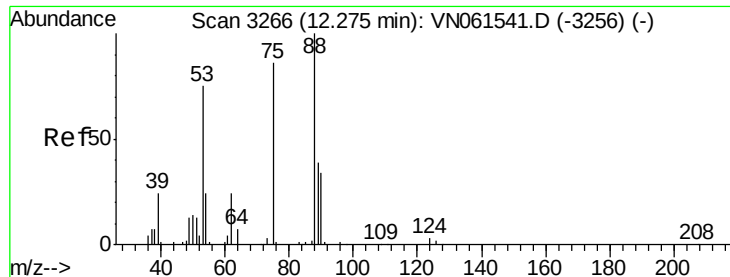
#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.876 ug/l  
 RT: 12.71 min Scan# 3401  
 Delta R.T. 0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

Tgt Ion: 105 Resp: 847891  
 Ion Ratio Lower Upper  
 105 100  
 120 50.8 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061742.D (-3398) (-)  
 Ion 120.00 (119.70 to 120.70): VN061742.D (-3398) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 46.262 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

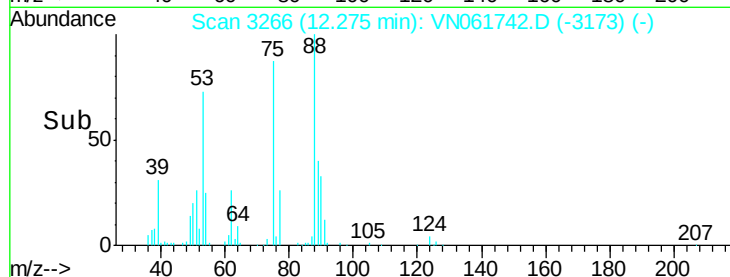
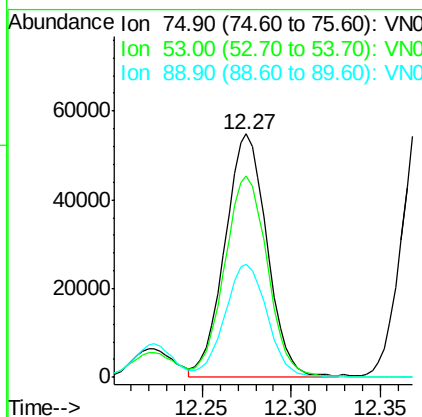
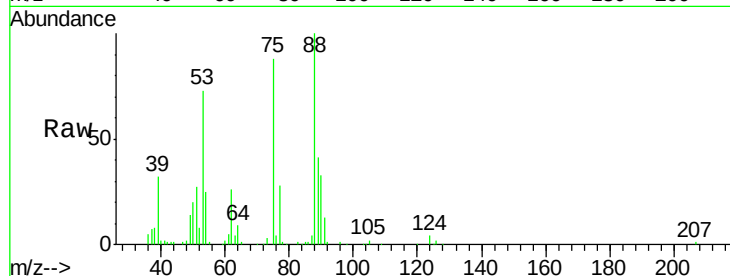
MSVOA\_N

ClientSampled :

VSTDCCC050

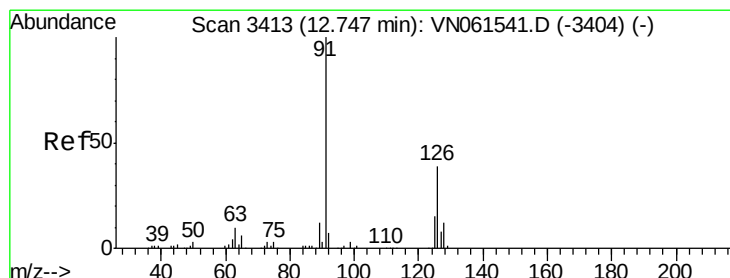
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 89868 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 85.0  | 67.8  | 101.8 |
| 89       | 46.1  | 37.1  | 55.7  |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 50.268 ug/l

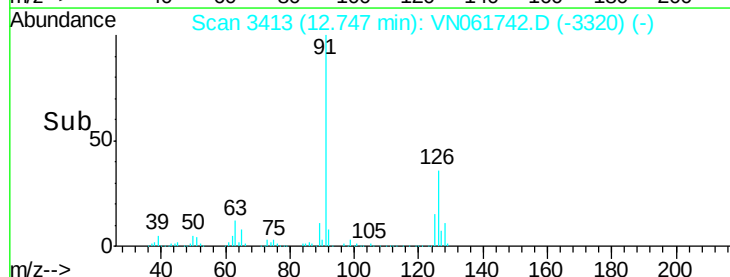
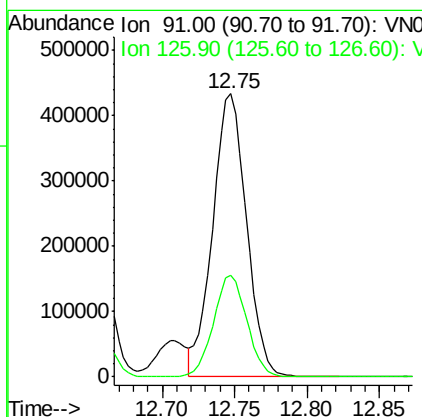
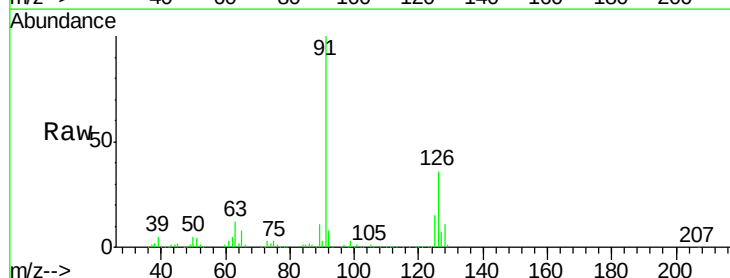
RT: 12.75 min Scan# 3413

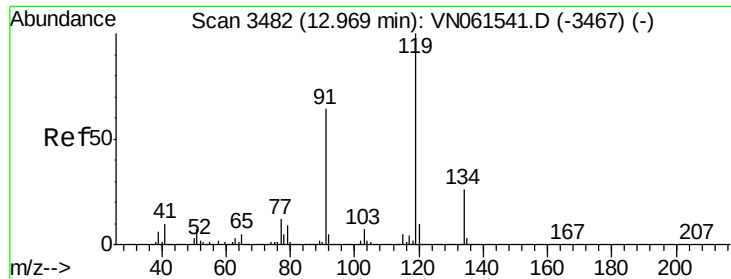
Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 701919 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 35.3  | 17.5  | 52.6   |



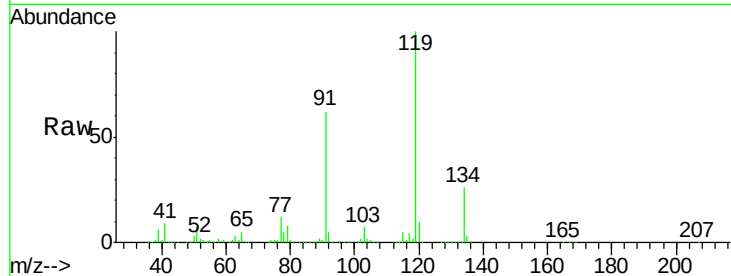


#83  
tert-Butylbenzene  
Concen: 49.718 ug/l  
RT: 12.97 min Scan# 3482  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

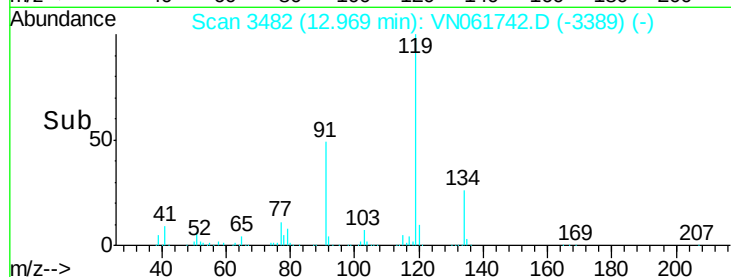
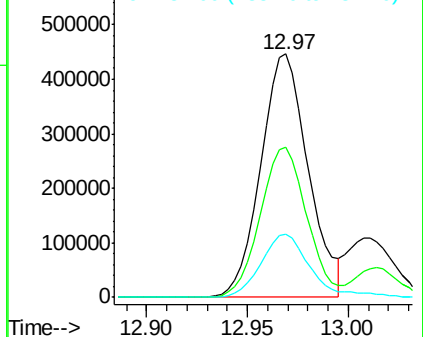
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 60.1  | 31.3  | 93.8  |
| 134     | 27.0  | 13.5  | 40.4  |

Manual Integrations  
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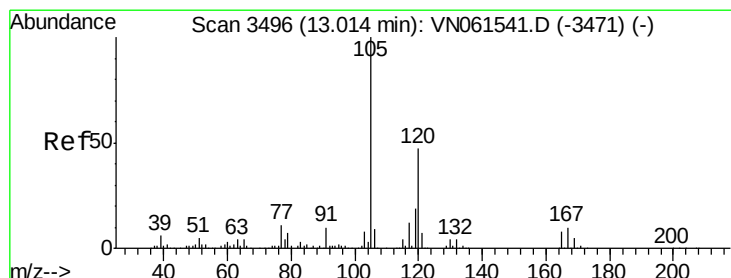


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V



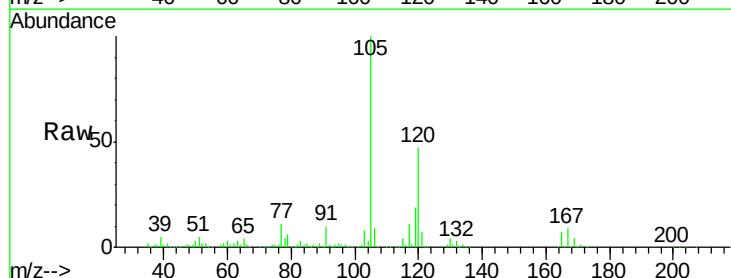
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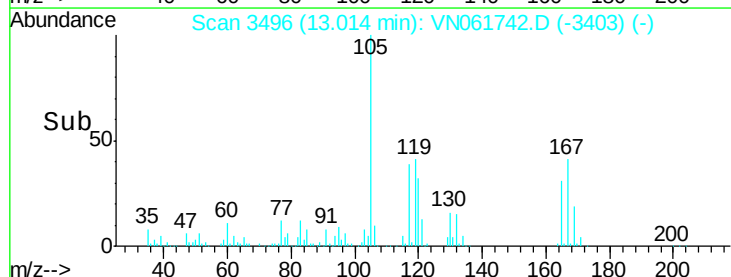
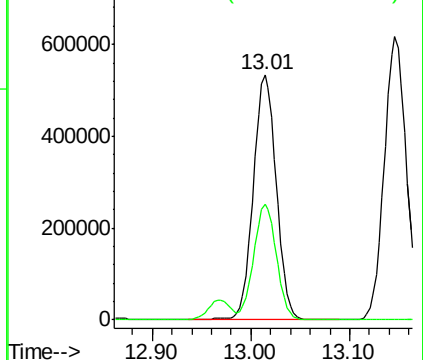


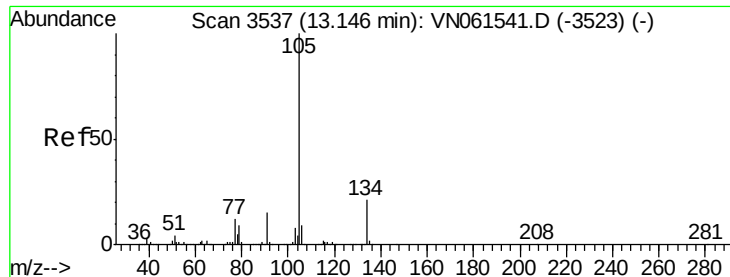
#84  
1,2,4-Trimethylbenzene  
Concen: 51.575 ug/l  
RT: 13.01 min Scan# 3496  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.8  | 23.2  | 69.5  |



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.492 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

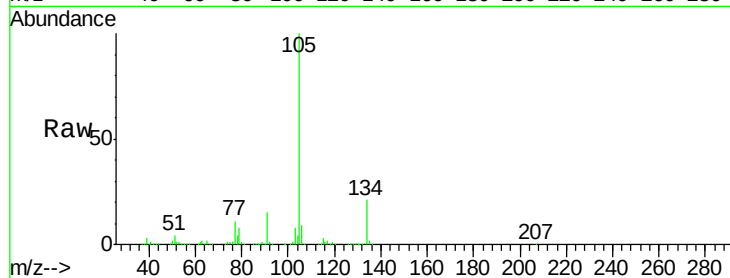
Tot Ion:105 Resp: 958055

Ion Ratio Lower Upper

105 100

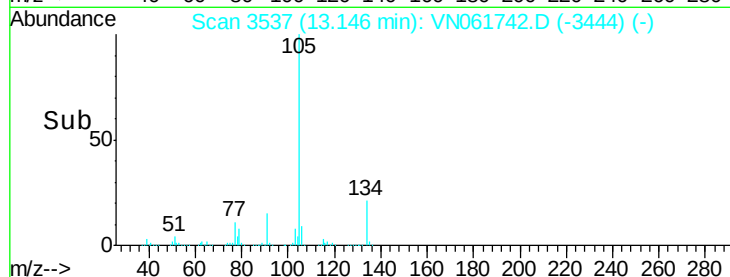
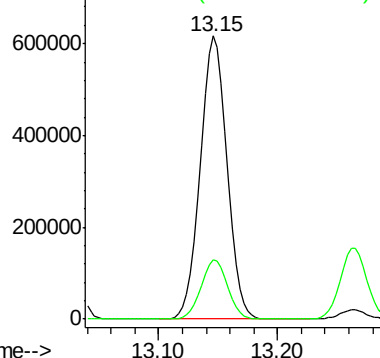
134 20.8 10.7 31.9

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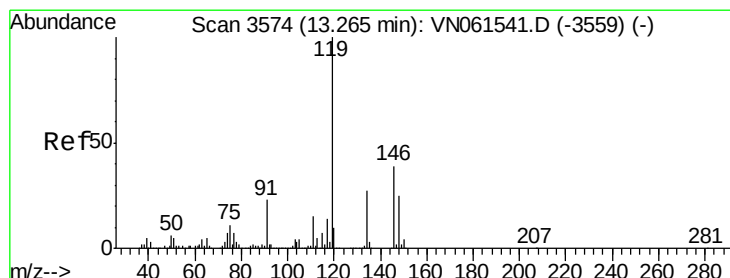
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



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#86

p-Isopropyltoluene

Concen: 51.833 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061742.D

Acq: 11 Jun 2020 12:16

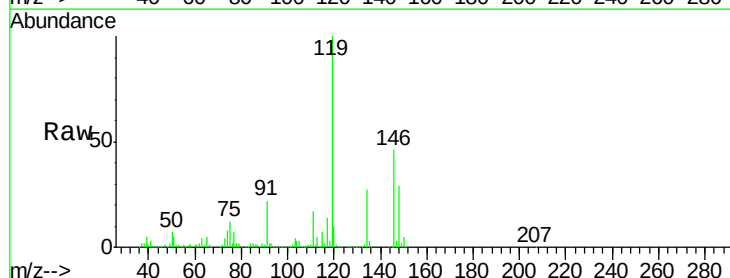
Tgt Ion:119 Resp: 905712

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

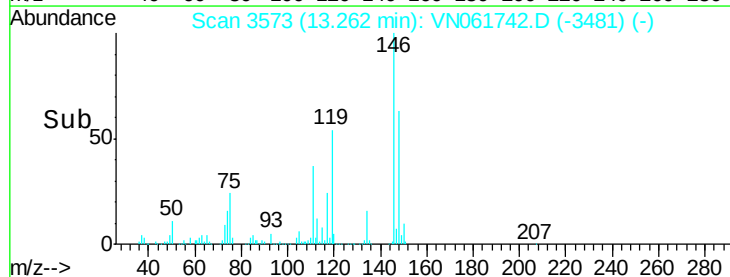
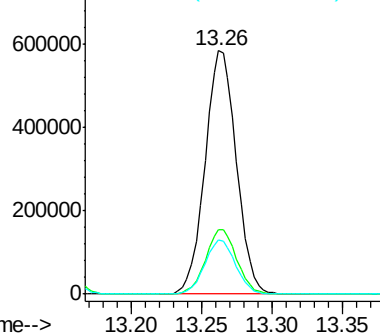
91 21.9 11.4 34.1



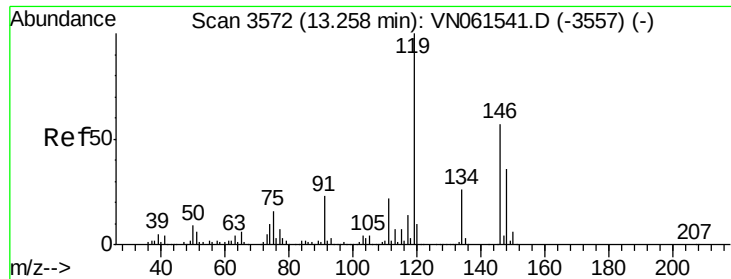
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





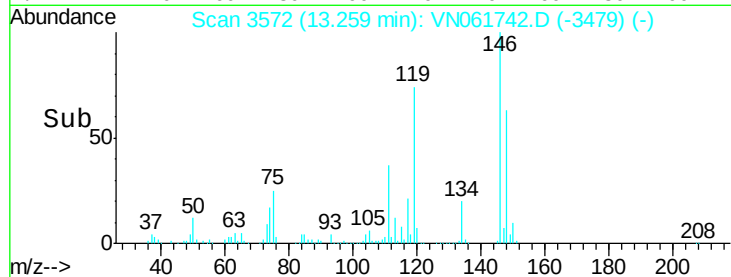
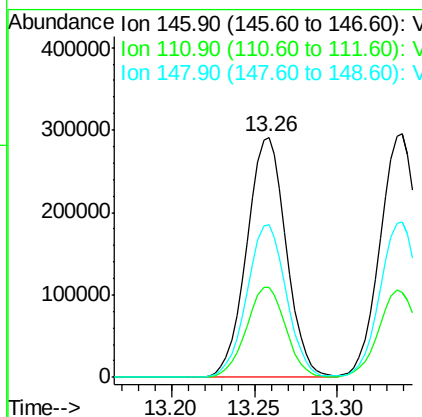
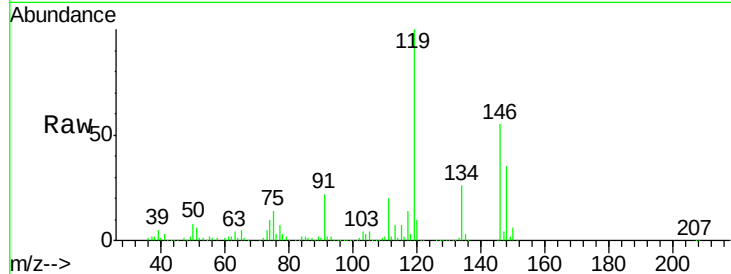


#87  
 1,3-Dichlorobenzene  
 Concen: 53.489 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. 0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

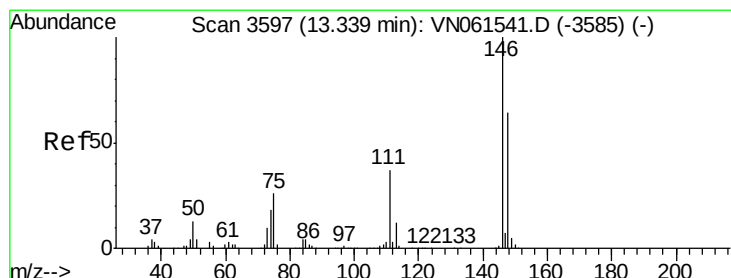
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 482092 |       |       |
| 111     | 37.6  | 19.2   | 57.6  |       |
| 148     | 63.8  | 31.7   | 95.1  |       |

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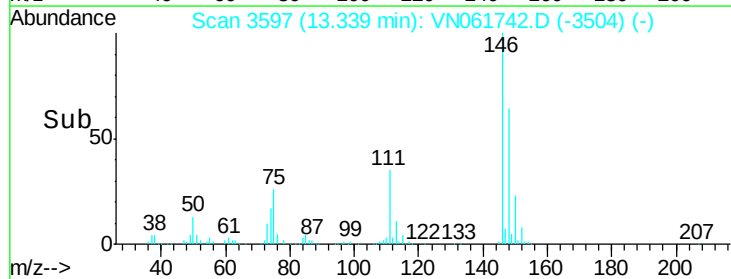
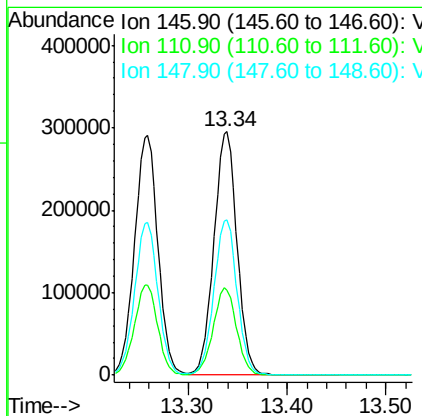
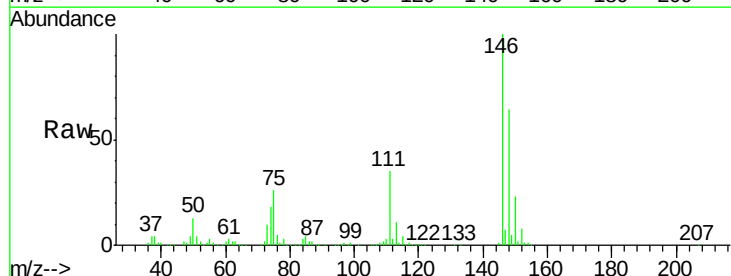
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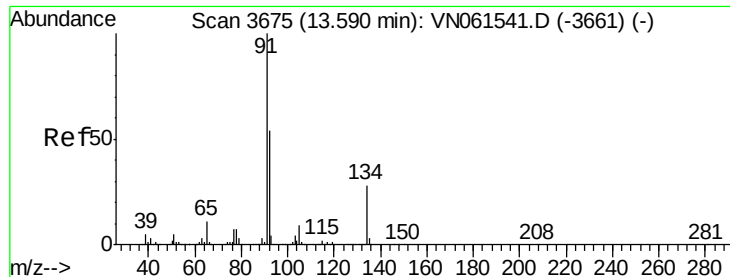
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#88  
 1,4-Dichlorobenzene  
 Concen: 52.930 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. 0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 485982 |       |       |
| 111     | 35.9  | 18.9   | 56.9  |       |
| 148     | 63.9  | 31.8   | 95.3  |       |



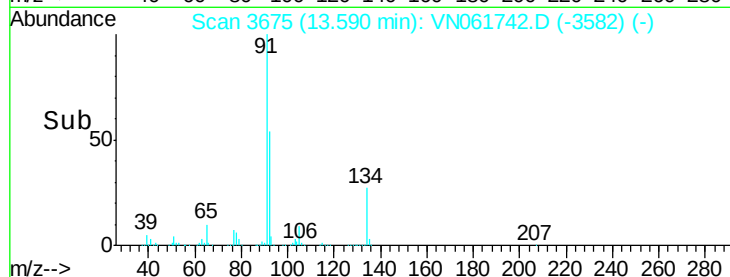
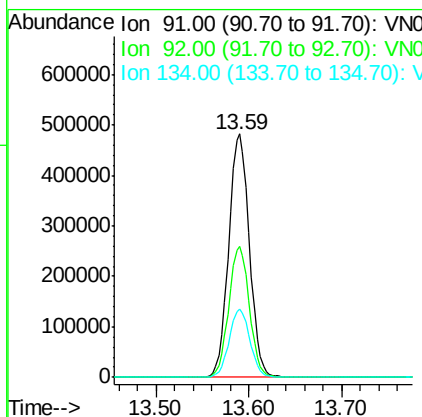
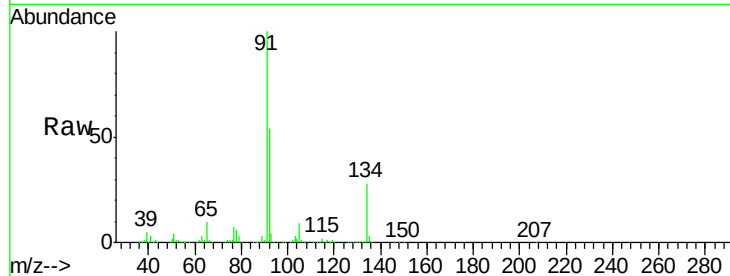


#89  
n-Butylbenzene  
Concen: 50.910 ug/l  
RT: 13.59 min Scan# 3675  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

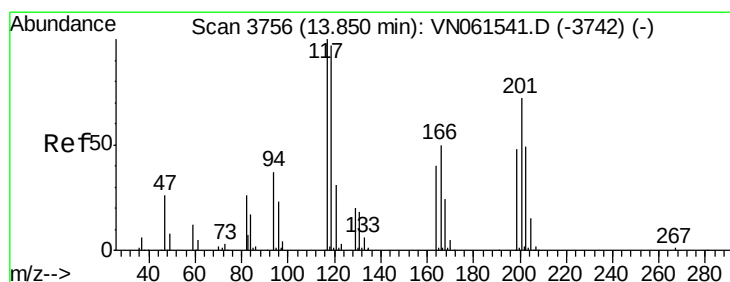
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.5  | 27.2  | 81.6  |
| 134     | 28.2  | 14.0  | 42.0  |

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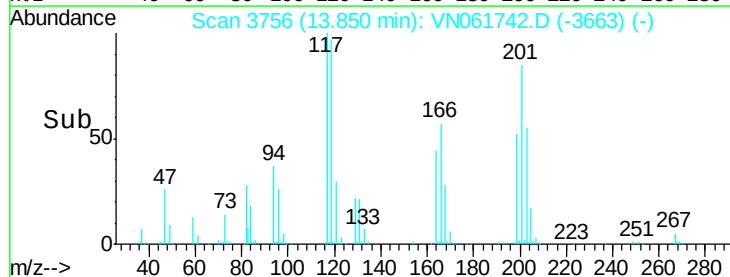
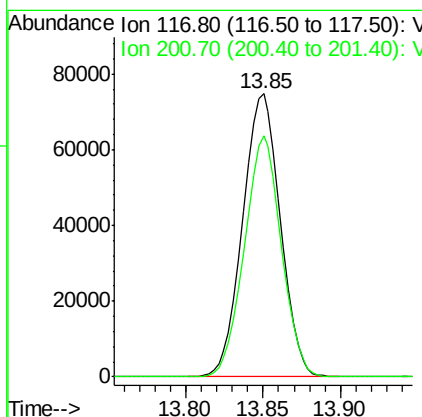
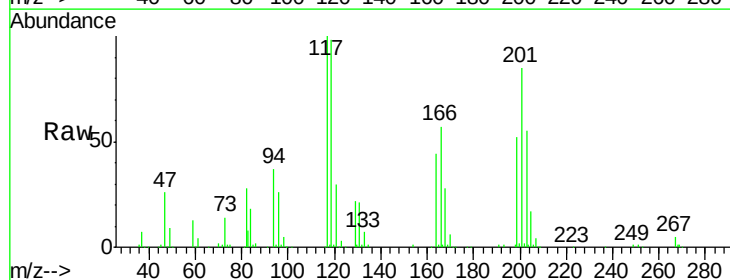
MMDadoda

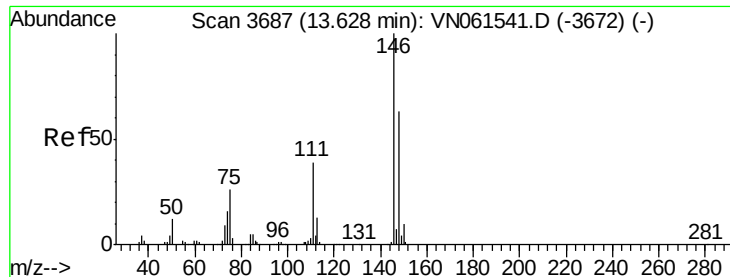
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#90  
Hexachloroethane  
Concen: 65.540 ug/l  
RT: 13.85 min Scan# 3756  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 83.5  | 36.7  | 110.1 |



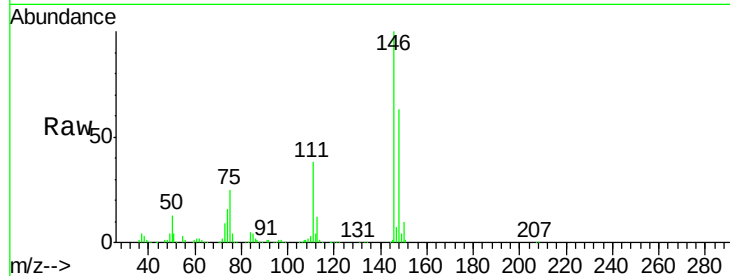


#91  
 1,2-Dichlorobenzene  
 Concen: 52.968 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. 0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

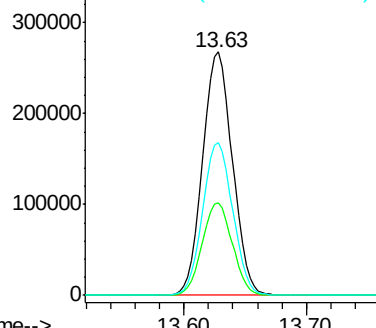
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.5  | 20.1  | 60.2  |
| 148     | 63.5  | 31.9  | 95.5  |

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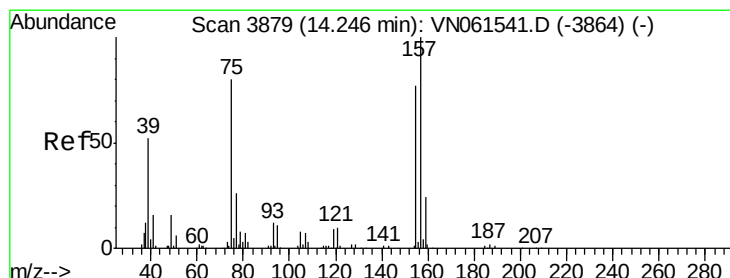
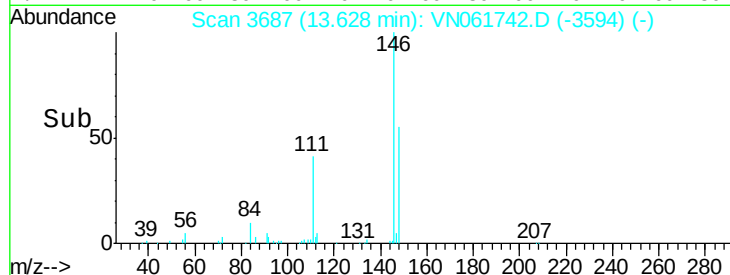


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V



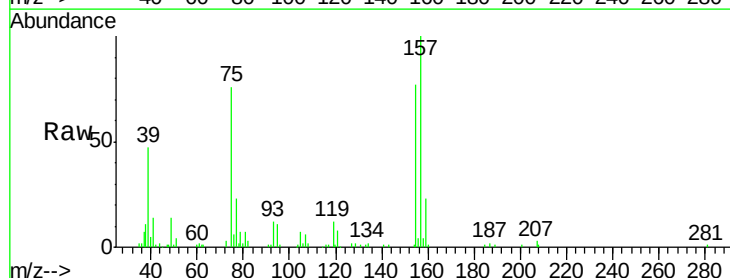
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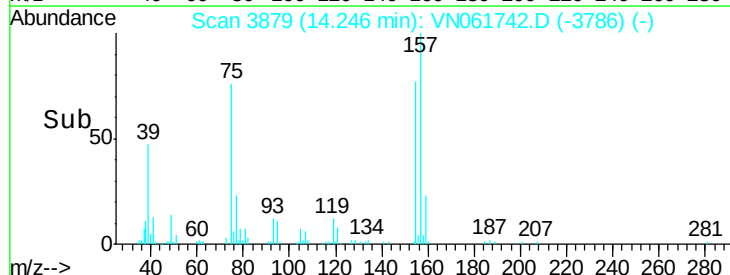
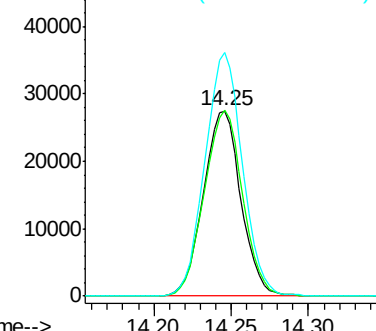


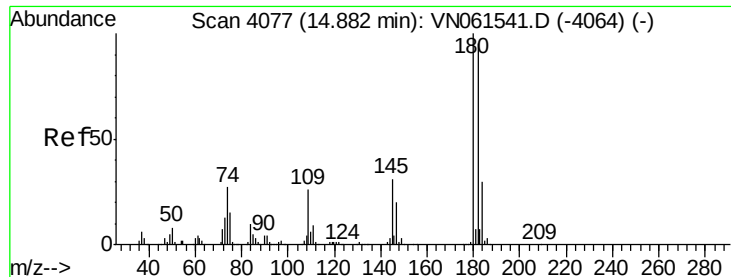
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 40.512 ug/l  
 RT: 14.25 min Scan# 3879  
 Delta R.T. 0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 102.6 | 47.1  | 141.4 |
| 157     | 131.5 | 60.3  | 180.8 |



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V



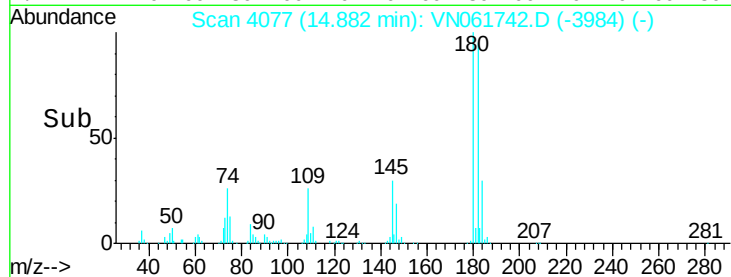
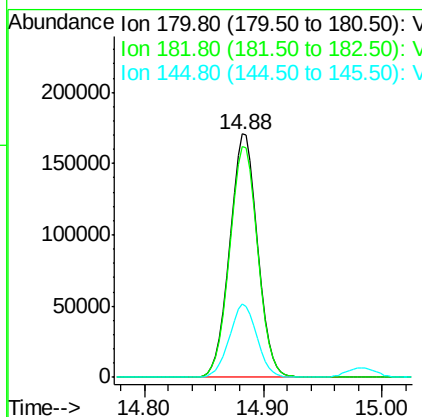
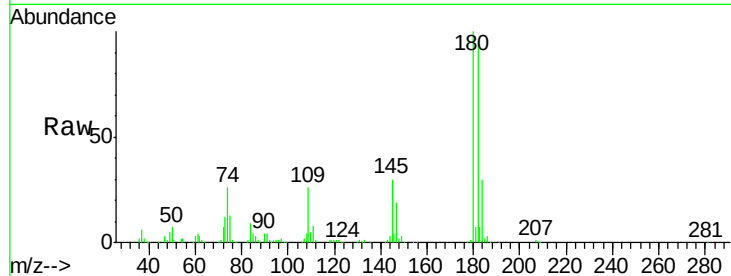


#93  
 1,2,4-Trichlorobenzene  
 Concen: 54.851 ug/l  
 RT: 14.88 min Scan# 4077  
 Delta R.T. 0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

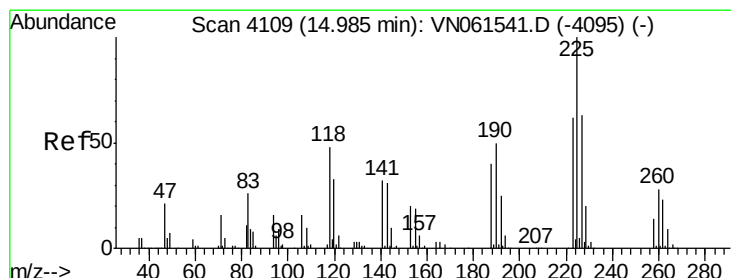
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 276304 |       |       |
| 182     | 95.8  | 47.8   | 143.3 |       |
| 145     | 30.0  | 15.5   | 46.5  |       |

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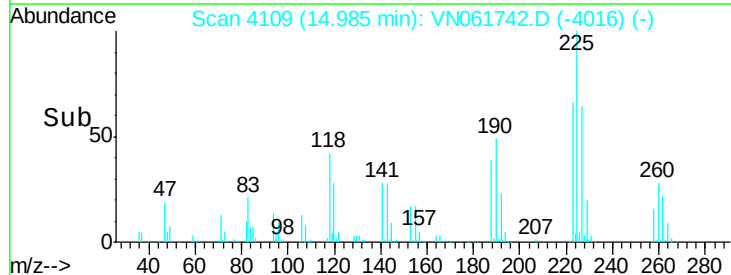
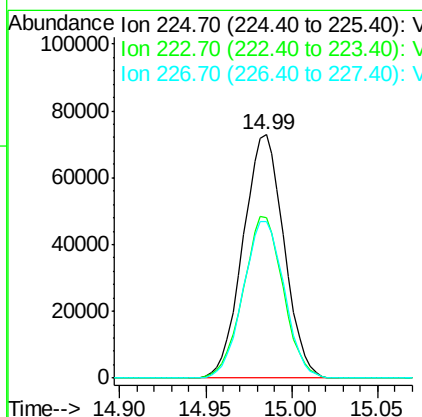
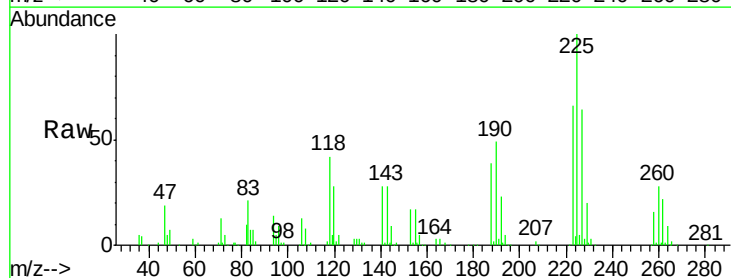
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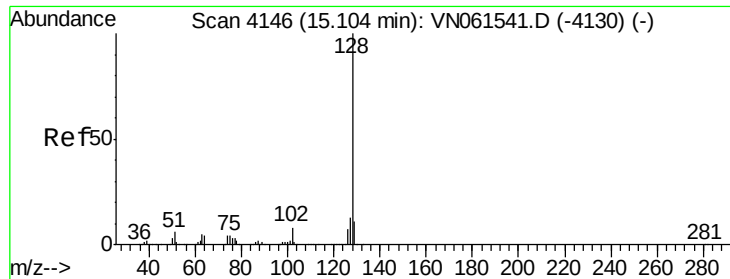
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#94  
 Hexachlorobutadiene  
 Concen: 55.893 ug/l  
 RT: 14.99 min Scan# 4109  
 Delta R.T. 0.00 min  
 Lab File: VN061742.D  
 Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 120079 |       |       |
| 223     | 65.1  | 31.9   | 95.5  |       |
| 227     | 64.6  | 31.9   | 95.9  |       |



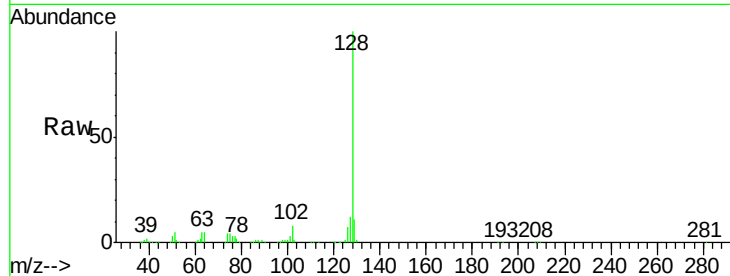


#95  
Naphthalene  
Concen: 48.968 ug/l  
RT: 15.10 min Scan# 4146  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

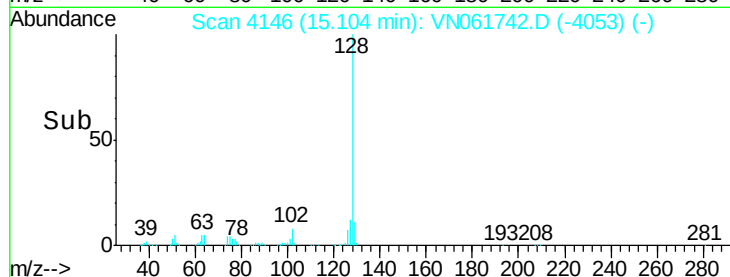
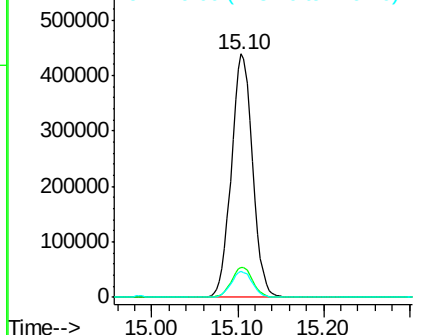
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.5  | 10.0  | 15.0  |
| 129     | 10.7  | 8.5   | 12.7  |

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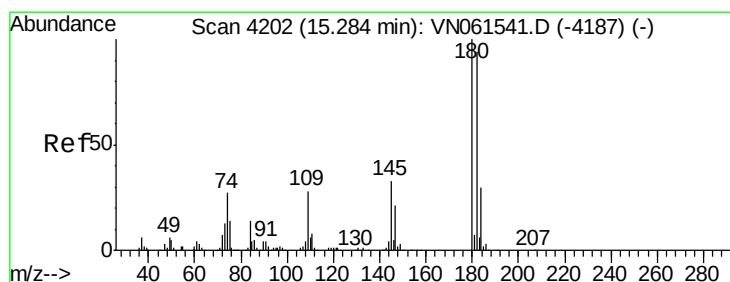


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



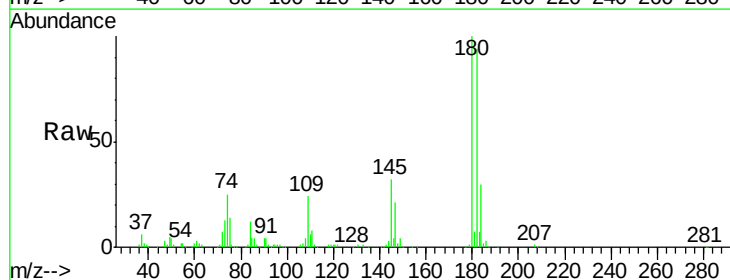
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#96  
1,2,3-Trichlorobenzene  
Concen: 53.783 ug/l  
RT: 15.28 min Scan# 4202  
Delta R.T. 0.00 min  
Lab File: VN061742.D  
Acq: 11 Jun 2020 12:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 47.1  | 141.3 |
| 145     | 32.2  | 16.3  | 48.9  |



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

