

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\  
 Data File : VN063608.D  
 Acq On : 23 Sep 2020 23:17  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 9/24/2020 1:38:20 PM

Quant Time: Sep 24 05:14:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 16 13:05:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 237848   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 404487   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 383867   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 184316   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 7.99   | 65  | 196020   | 48.41 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.82%  |      |
| 35) Dibromofluoromethane    | 7.55   | 113 | 138778   | 49.56 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.12%  |      |
| 50) Toluene-d8              | 10.06  | 98  | 522226   | 49.60 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.20%  |      |
| 62) 4-Bromofluorobenzene    | 12.38  | 95  | 196731   | 50.97 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.94% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 126705  | 47.022  | ug/l | 99     |
| 3) Chloromethane              | 2.04 | 50  | 158165  | 44.370  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 154622  | 48.958  | ug/l | 99     |
| 5) Bromomethane               | 2.52 | 94  | 99400   | 53.008  | ug/l | 99     |
| 6) Chloroethane               | 2.67 | 64  | 98365   | 50.739  | ug/l | 94     |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 244940  | 51.982  | ug/l | 99     |
| 8) Diethyl Ether              | 3.38 | 74  | 90778   | 49.419  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 132450  | 49.982  | ug/l | 99     |
| 10) Methyl Iodide             | 3.91 | 142 | 166307  | 48.204  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 127648  | 227.576 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 128655  | 47.933  | ug/l | 97     |
| 13) Acrolein                  | 3.57 | 56  | 64384   | 309.743 | ug/l | 99     |
| 14) Allyl chloride            | 4.28 | 41  | 243735  | 45.908  | ug/l | 99     |
| 15) Acrylonitrile             | 4.93 | 53  | 358109  | 250.996 | ug/l | 99     |
| 16) Acetone                   | 3.78 | 43  | 322716  | 248.011 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.01 | 76  | 339693  | 43.509  | ug/l | 100    |
| 18) Methyl Acetate            | 4.28 | 43  | 174102  | 52.705  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 484133  | 48.395  | ug/l | 99     |
| 20) Methylene Chloride        | 4.51 | 84  | 161754  | 49.064  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 140805  | 47.349  | ug/l | 95     |
| 22) Diisopropyl ether         | 5.90 | 45  | 529656  | 48.916  | ug/l | 99     |
| 23) Vinyl Acetate             | 5.85 | 43  | 2198857 | 247.266 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 289127  | 48.908  | ug/l | 99     |
| 25) 2-Butanone                | 6.78 | 43  | 498111  | 248.901 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 206179  | 39.613  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 167009  | 49.618  | ug/l | 98     |
| 28) Bromochloromethane        | 7.15 | 49  | 141685  | 51.908  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 335450  | 245.426 | ug/l | 99     |
| 30) Chloroform                | 7.33 | 83  | 306121  | 51.614  | ug/l | 99     |
| 31) Cyclohexane               | 7.61 | 56  | 238446  | 42.642  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 267705  | 50.748  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 212098  | 49.219  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 223187  | 52.771  | ug/l | 97     |
| 38) Carbon Tetrachloride      | 7.74 | 117 | 226163  | 51.414  | ug/l | 99     |

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 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

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 9/24/2020 1:38:20 PM

Quant Time: Sep 24 05:14:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 16 13:05:20 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 211331   | 45.186  | ug/l   | 98       |
| 40) Benzene                    | 8.00  | 78   | 626126   | 50.899  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.14  | 41   | 108743m  | 57.167  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 262626   | 53.088  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 372735   | 49.287  | ug/l   | 99       |
| 44) Trichloroethene            | 8.80  | 130  | 153670   | 51.504  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 172828   | 51.585  | ug/l   | 96       |
| 46) Dibromomethane             | 9.18  | 93   | 116777   | 53.031  | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.37  | 83   | 247535   | 54.110  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.17  | 41   | 190128   | 51.172  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 51730    | 970.187 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 1130136  | 266.936 | ug/l   | 99       |
| 52) Toluene                    | 10.13 | 92   | 389438   | 52.656  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 256171   | 50.160  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 265051   | 49.202  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 156677   | 53.333  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 239231   | 52.164  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 274069   | 51.734  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.67  | 63   | 586850   | 243.933 | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.72 | 43   | 822933   | 268.299 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 178574   | 53.806  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 164922   | 54.036  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.60 | 164  | 142687   | 54.589  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.41 | 112  | 410060   | 50.324  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 157472   | 52.721  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.49 | 91   | 778582   | 50.738  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.59 | 106  | 567625   | 102.595 | ug/l   | 100      |
| 69) o-Xylene                   | 11.92 | 106  | 269426   | 51.120  | ug/l   | 99       |
| 70) Styrene                    | 11.94 | 104  | 473144   | 53.533  | ug/l   | 98       |
| 71) Bromoform                  | 12.10 | 173  | 119410   | 53.663  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.23 | 105  | 744453   | 50.403  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.05 | 43   | 343662   | 49.153  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 229033   | 50.081  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 216054m  | 47.359  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 174903   | 52.643  | ug/l   | 95       |
| 78) n-propylbenzene            | 12.57 | 91   | 859236   | 49.947  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 528176   | 51.218  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 630060   | 51.157  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.28 | 75   | 76599    | 46.033  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 551058   | 50.575  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.97 | 119  | 504774   | 49.657  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.02 | 105  | 645682   | 51.902  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.15 | 105  | 676354   | 49.707  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 598414   | 49.862  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 316645   | 51.420  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 320276   | 51.155  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 536118   | 48.464  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.85 | 117  | 107973   | 47.248  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 316915   | 52.419  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 52950    | 48.622  | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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9/24/2020 1:38:20 PM

Quant Time: Sep 24 05:14:48 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N091620W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 16 13:05:20 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 170321   | 47.787 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 76075    | 51.557 | ug/l  | 96       |
| 95) Naphthalene            | 15.10 | 128  | 570539   | 48.452 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 167058   | 48.510 | ug/l  | 98       |

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

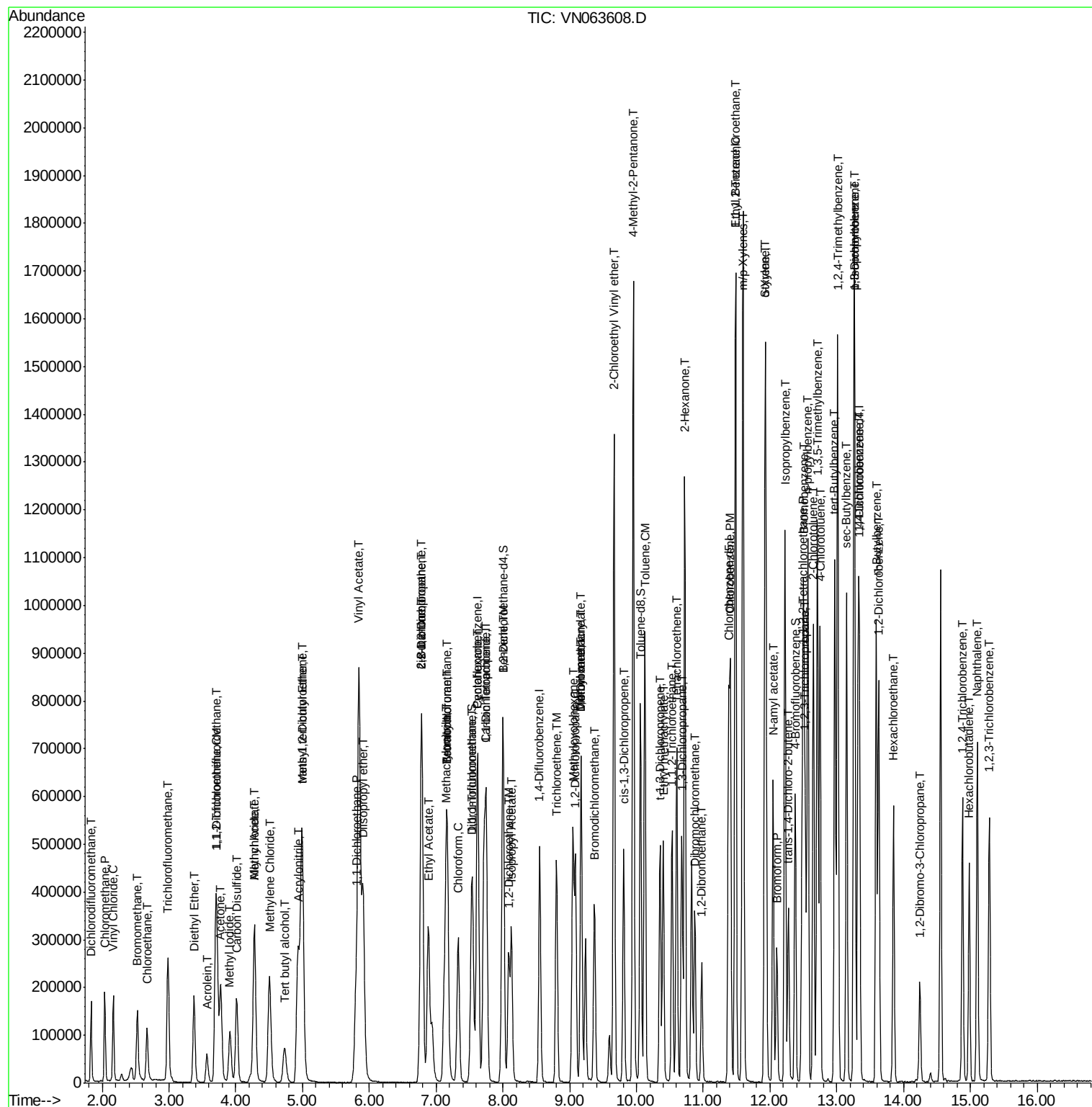
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092320\  
Data File : VN063608.D  
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Operator : JC/MD  
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ALS Vial : 31 Sample Multiplier: 1

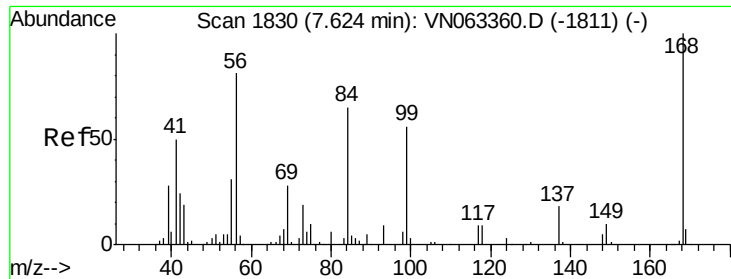
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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MMDadoda  
9/24/2020 1:38:20 PM

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Quant Title : SW846 8260  
QLast Update : Wed Sep 16 13:05:20 2020  
Response via : Initial Calibration





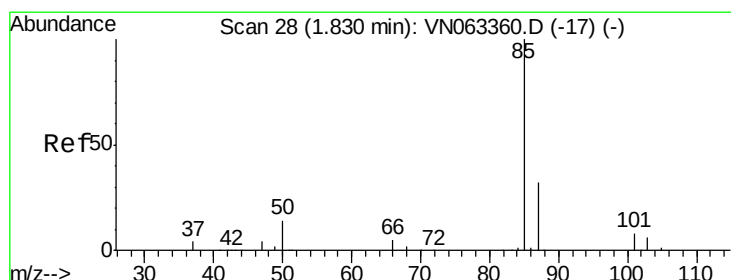
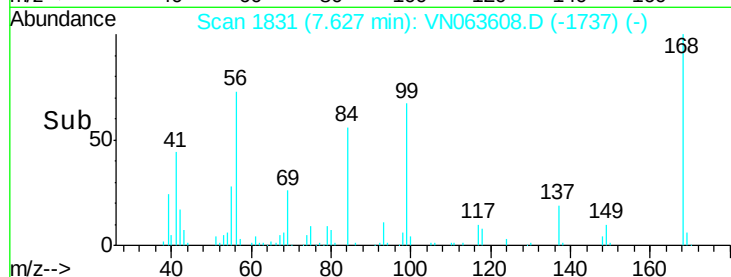
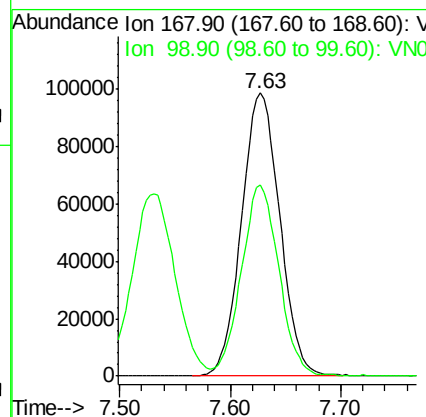
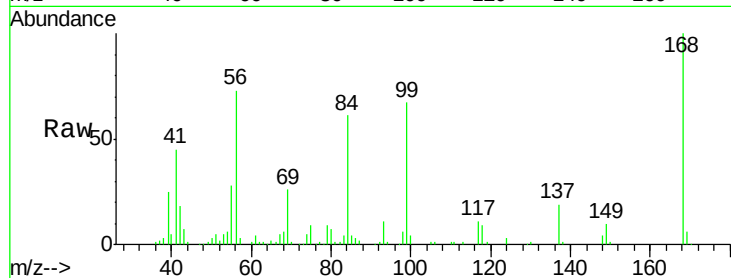
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.63 min Scan# 1831  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:168 Resp: 237848  
Ion Ratio Lower Upper  
168 100  
99 67.0 53.0 79.6

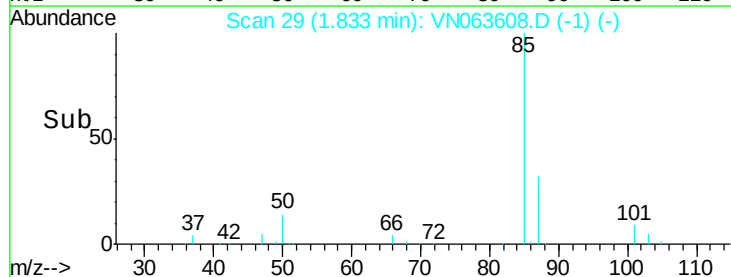
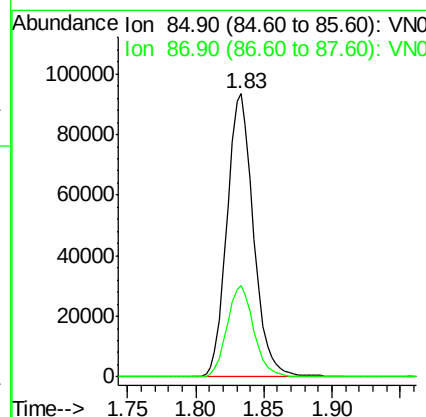
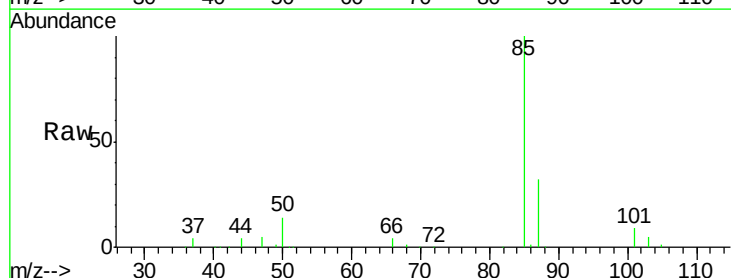
Manual Integrations  
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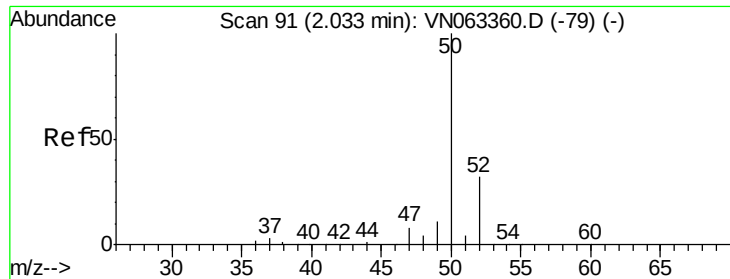
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#2  
Dichlorodifluoromethane  
Concen: 47.022 ug/l  
RT: 1.83 min Scan# 29  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Tgt Ion: 85 Resp: 126705  
Ion Ratio Lower Upper  
85 100  
87 32.2 15.9 47.6





#3

Chloromethane

Concen: 44.370 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 158165

Ion Ratio Lower Upper

50 100

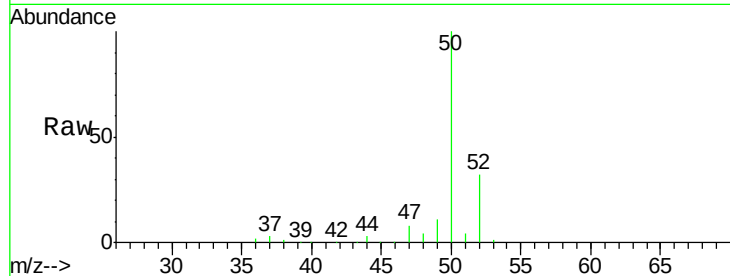
52 31.9 25.9 38.9

Manual Integrations

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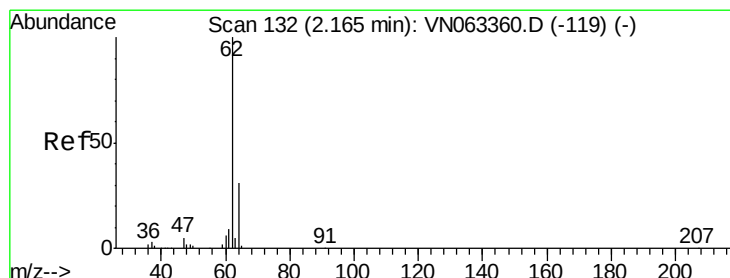
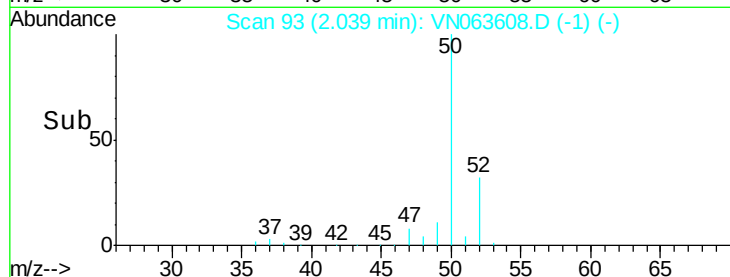
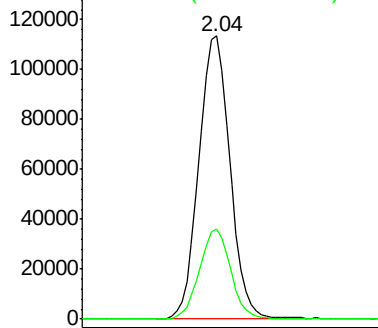
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 48.958 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063608.D

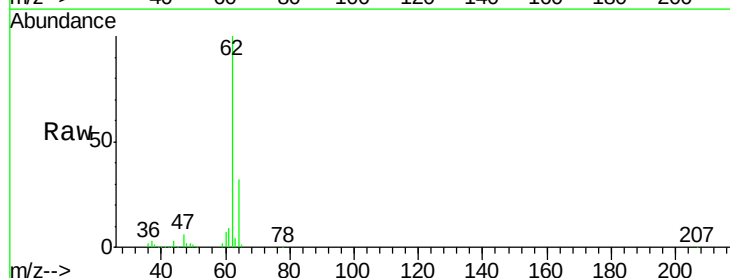
Acq: 23 Sep 2020 23:17

Tgt Ion: 62 Resp: 154622

Ion Ratio Lower Upper

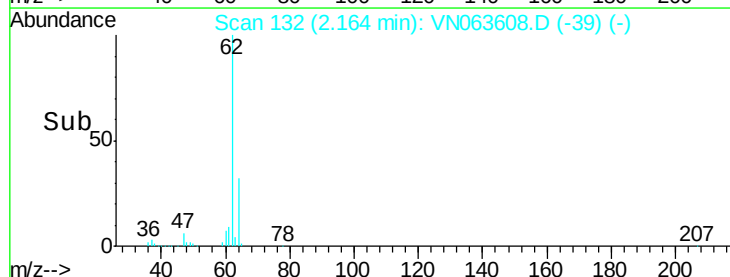
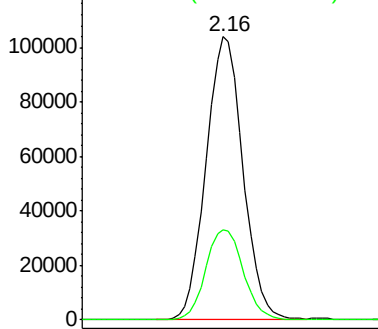
62 100

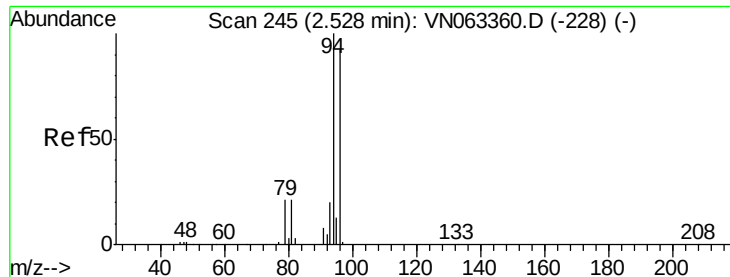
64 32.0 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 53.008 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 99400

Ion Ratio Lower Upper

94 100

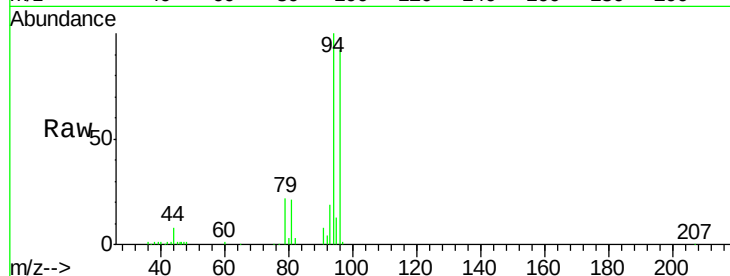
96 91.8 74.5 111.7

Manual Integrations

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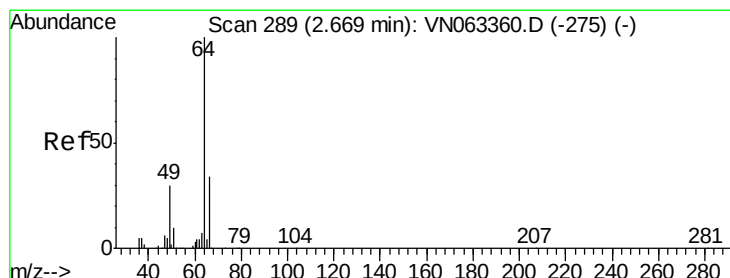
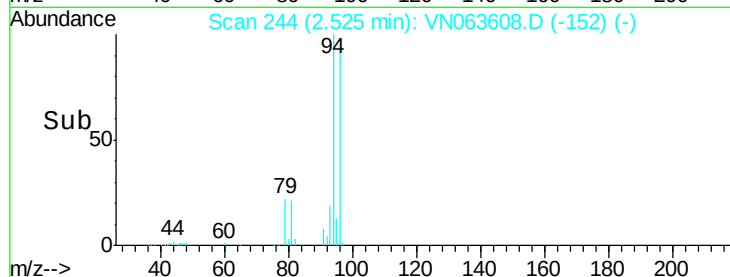
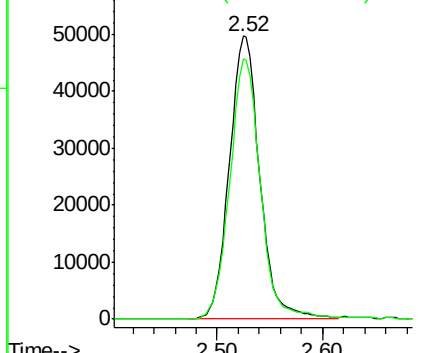
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.739 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063608.D

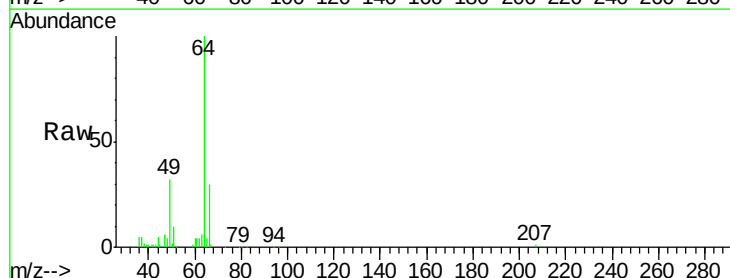
Acq: 23 Sep 2020 23:17

Tgt Ion: 64 Resp: 98365

Ion Ratio Lower Upper

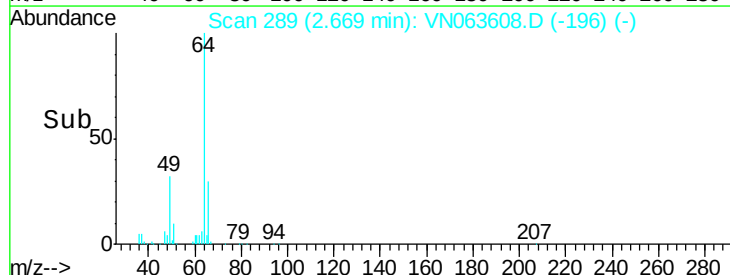
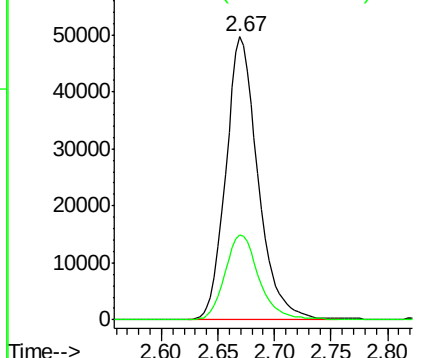
64 100

66 30.2 26.9 40.3

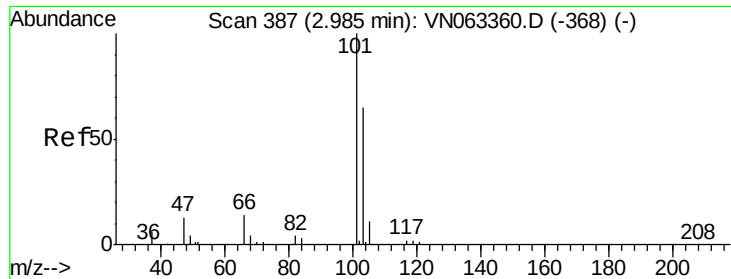


Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0







#7

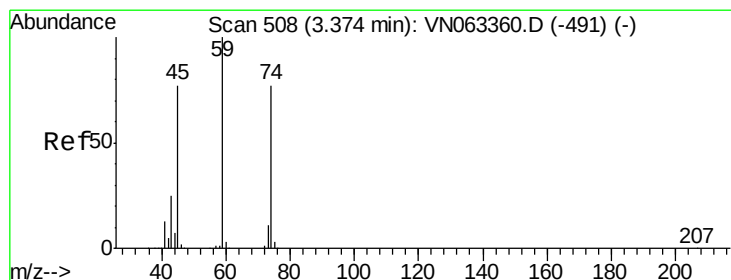
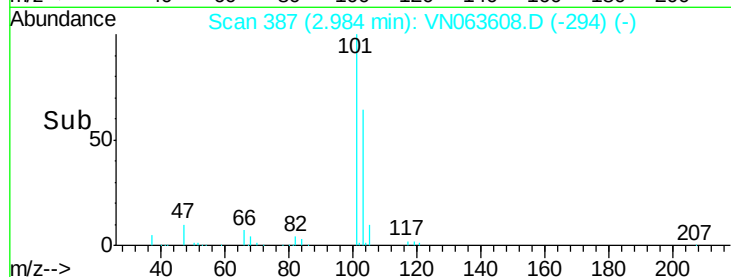
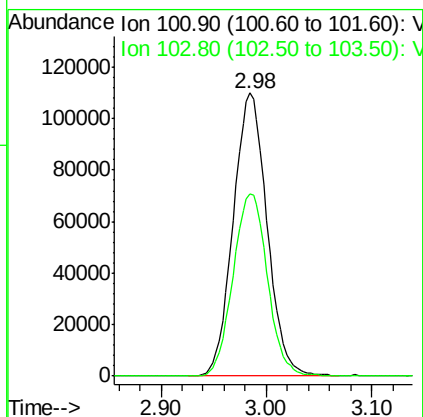
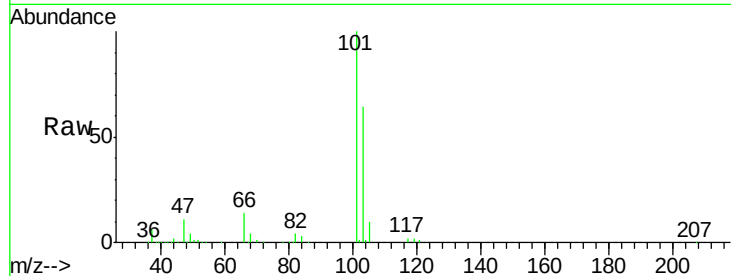
Trichlorofluoromethane  
Concen: 51.982 ug/l  
RT: 2.98 min Scan# 387  
Delta R.T. -0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 244940 |       |       |
| 103     | 64.4 | 52.3  | 78.5   |       |       |

Manual Integrations  
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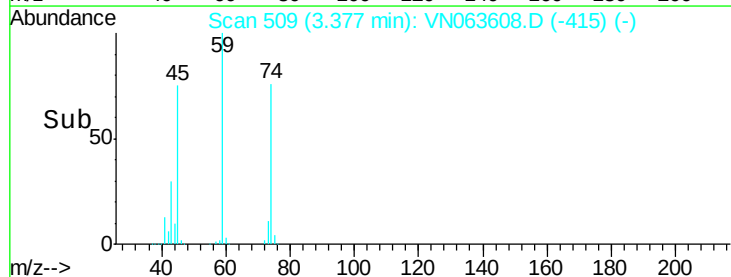
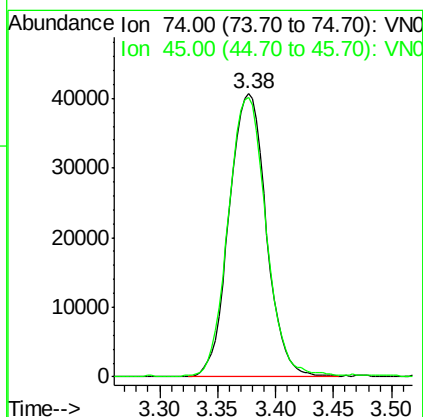
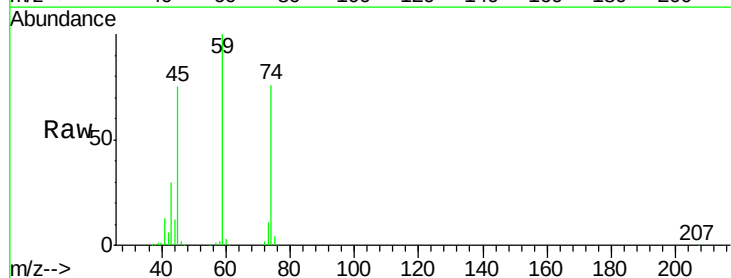
MMDadoda  
9/24/2020 1:38:20 PM



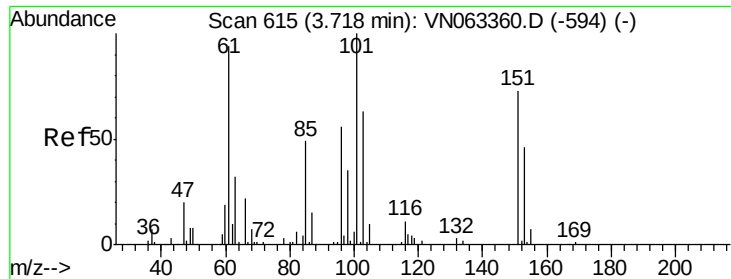
#8

Diethyl Ether  
Concen: 49.419 ug/l  
RT: 3.38 min Scan# 509  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 74      | 100   |       | 90778 |       |       |
| 45      | 101.0 | 52.1  | 156.4 |       |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.982 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

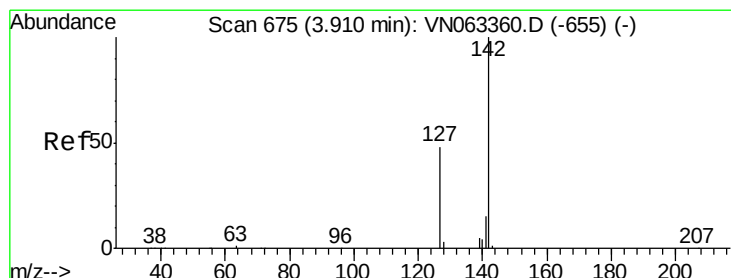
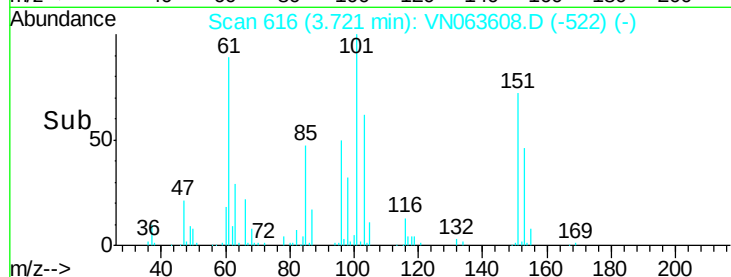
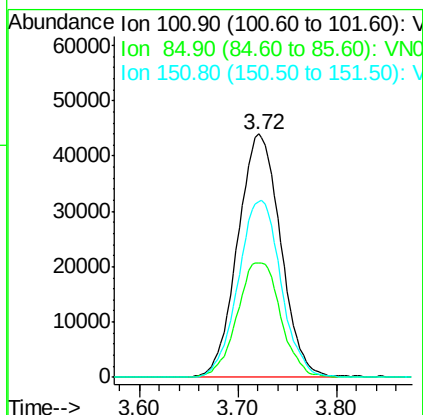
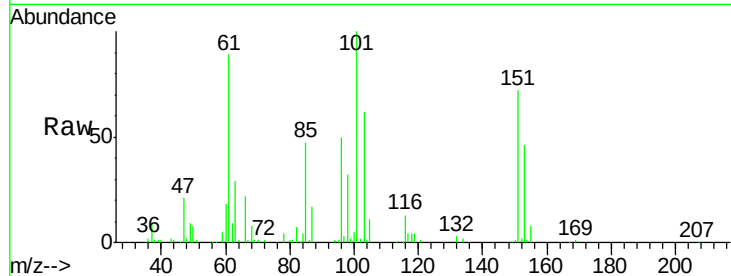
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 132450 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 47.9  | 37.7  | 56.5   |
| 151       | 72.4  | 57.7  | 86.5   |

Manual Integrations  
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#10

Methyl Iodide

Concen: 48.204 ug/l

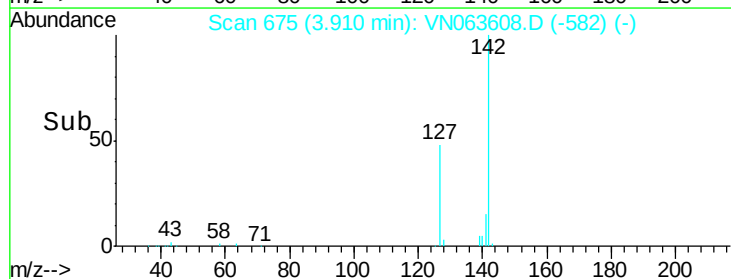
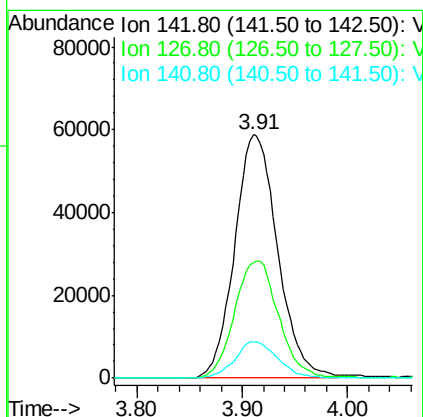
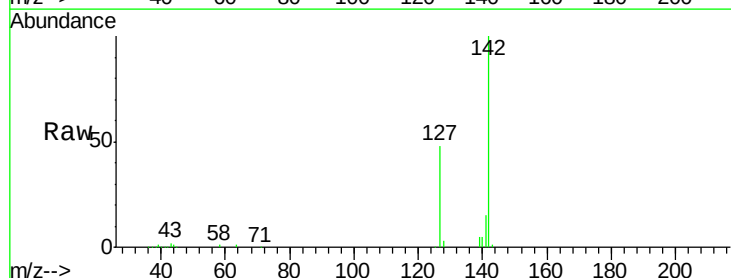
RT: 3.91 min Scan# 675

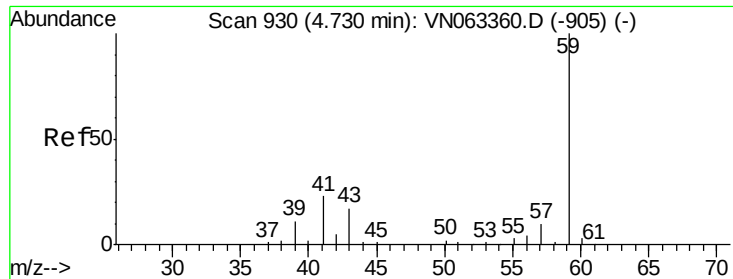
Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 166307 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 49.5  | 39.0  | 58.6   |
| 141       | 14.9  | 11.6  | 17.4   |





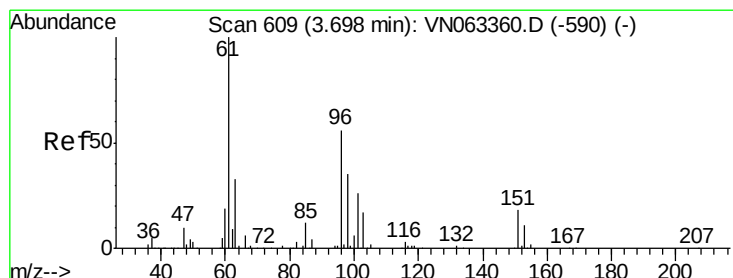
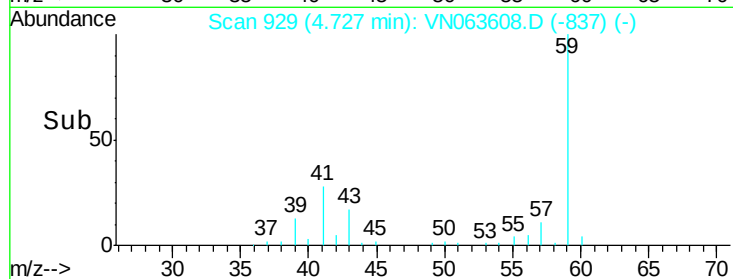
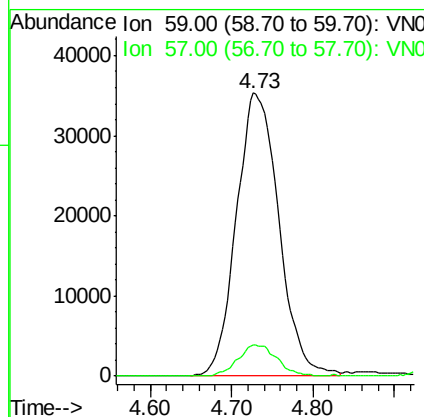
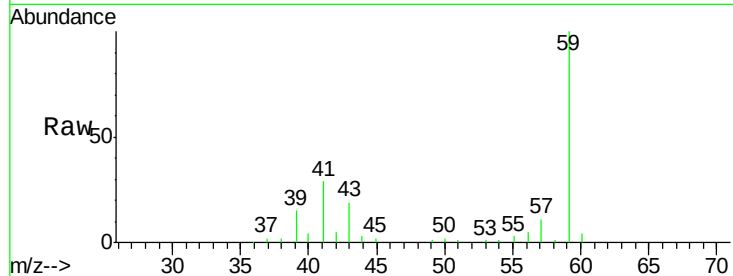
#11  
Tert butyl alcohol  
Concen: 227.576 ug/l  
RT: 4.73 min Scan# 929  
Delta R.T. -0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 59 Resp: 127648  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.4 12.6

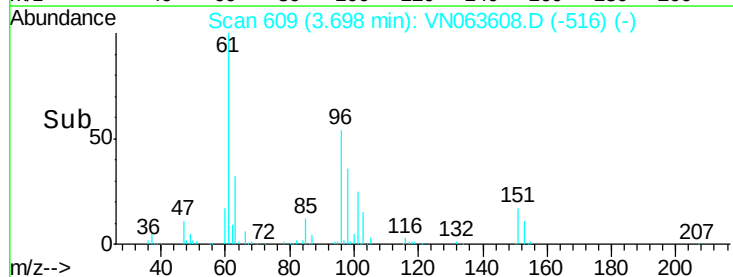
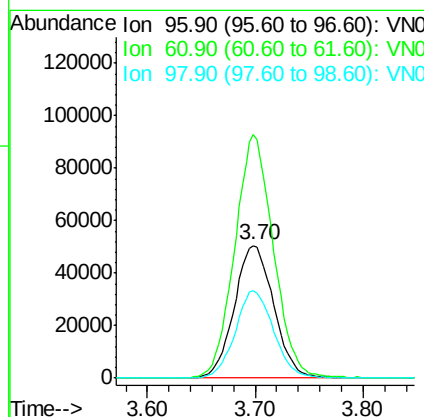
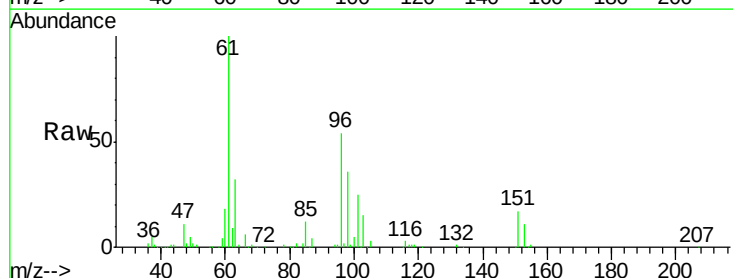
Manual Integrations  
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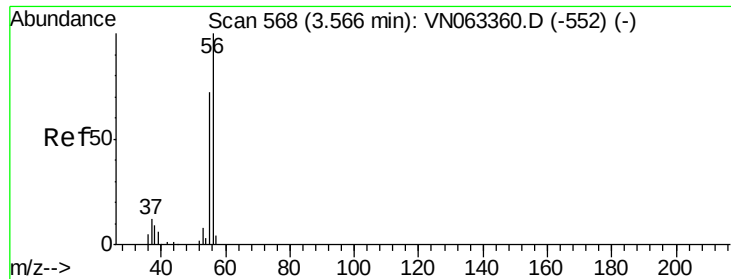
MMDadoda  
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#12  
1,1-Dichloroethene  
Concen: 47.933 ug/l  
RT: 3.70 min Scan# 609  
Delta R.T. -0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Tgt Ion: 96 Resp: 128655  
Ion Ratio Lower Upper  
96 100  
61 183.3 143.4 215.2  
98 66.1 50.6 76.0





#13

Acrolein

Concen: 309.743 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 64384

Ion Ratio Lower Upper

56 100

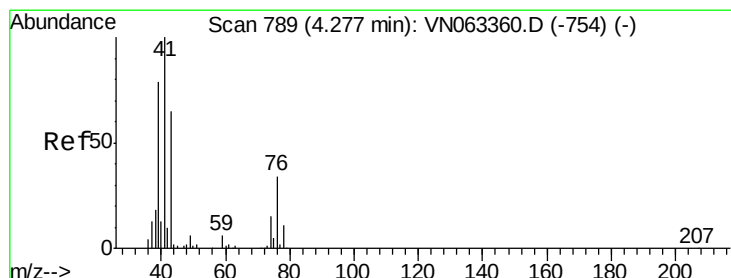
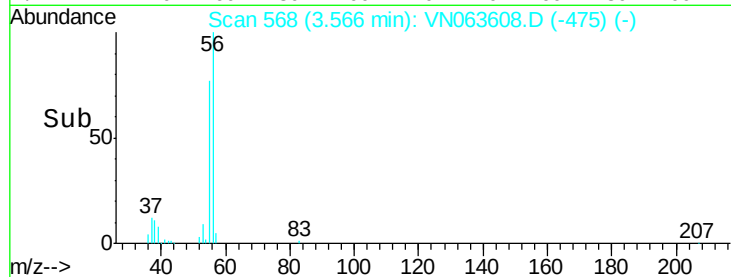
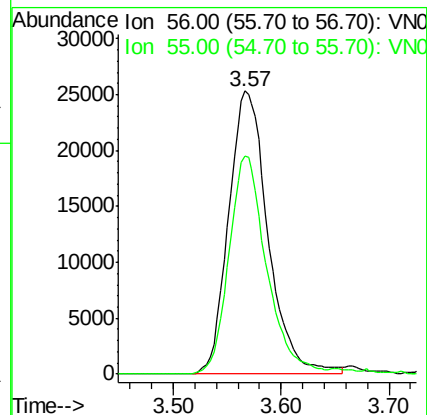
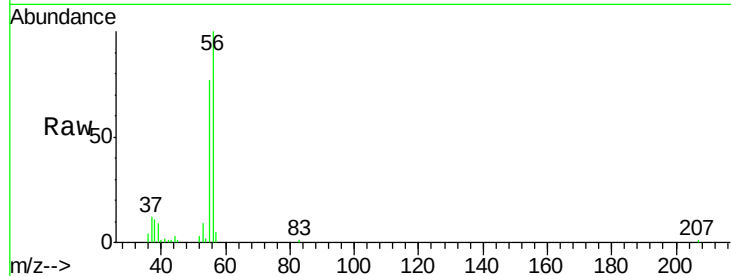
55 73.7 58.2 87.2

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#14

Allyl chloride

Concen: 45.908 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

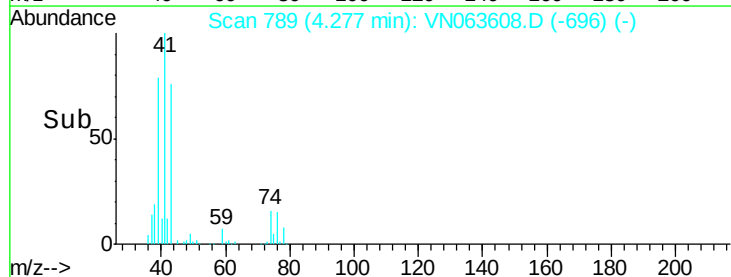
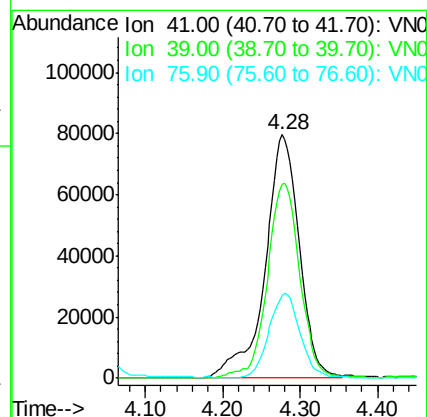
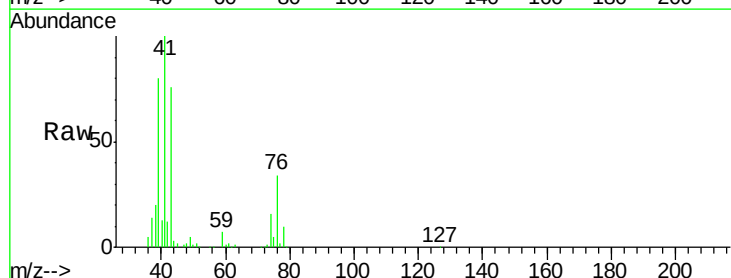
Tgt Ion: 41 Resp: 243735

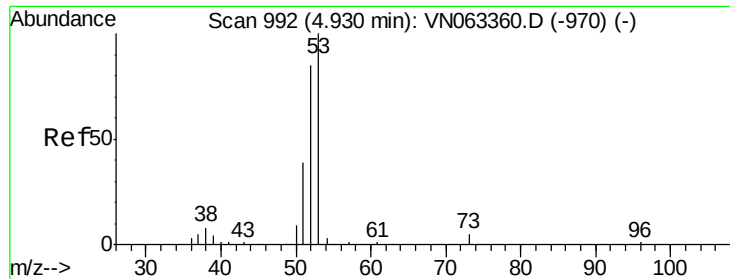
Ion Ratio Lower Upper

41 100

39 75.5 59.3 88.9

76 31.7 25.3 37.9





#15

Acrylonitrile

Concen: 250.996 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

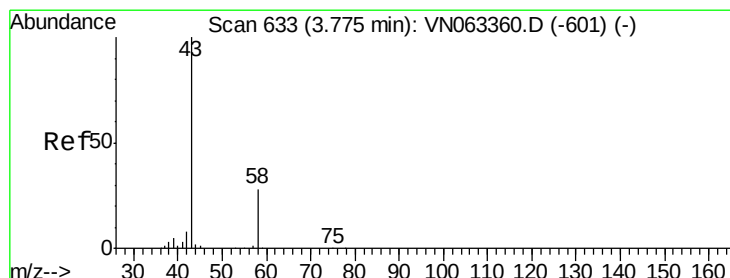
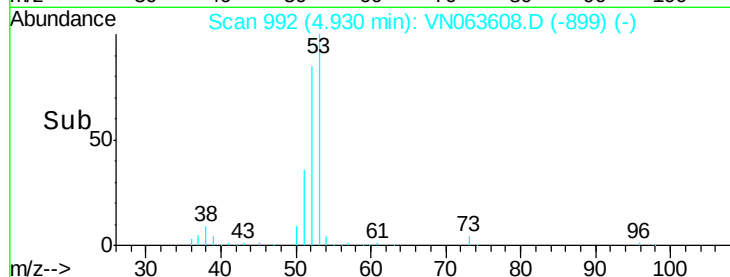
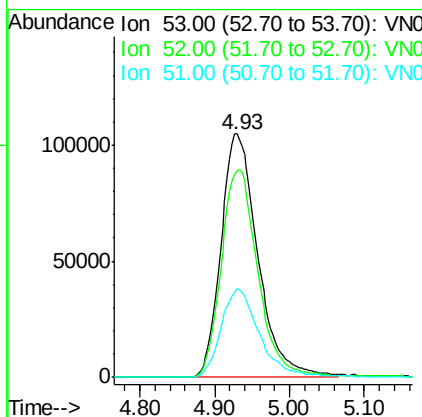
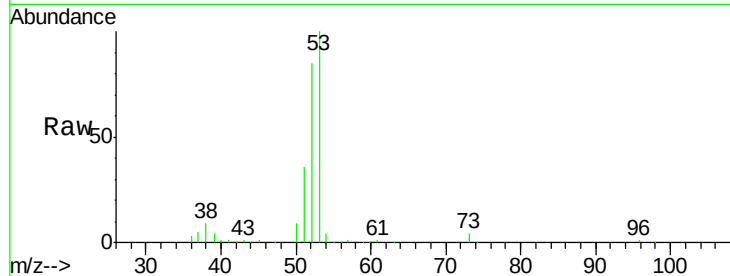
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 358109 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 84.5  | 66.4  | 99.6   |
| 51        | 38.0  | 30.2  | 45.4   |

Manual Integrations  
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#16

Acetone

Concen: 248.011 ug/l

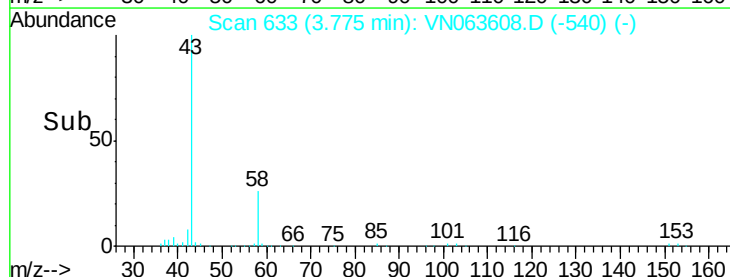
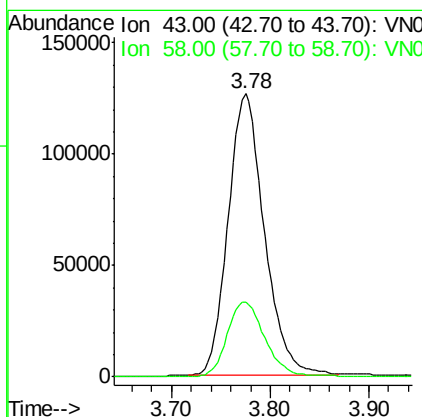
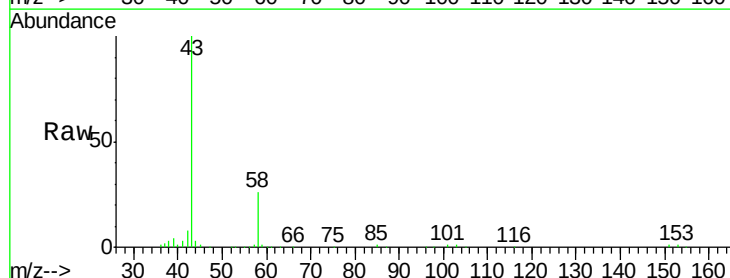
RT: 3.78 min Scan# 633

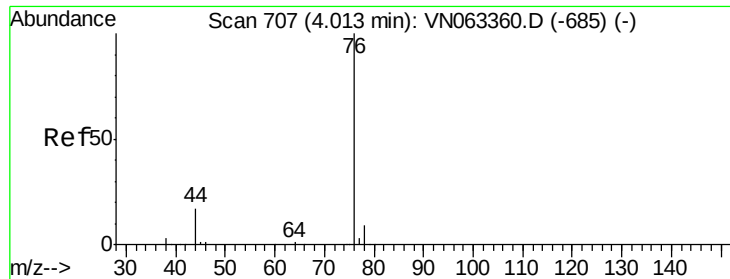
Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 322716 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 26.6  | 22.3  | 33.5   |





#17

Carbon Disulfide

Concen: 43.509 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 339693

Ion Ratio Lower Upper

76 100

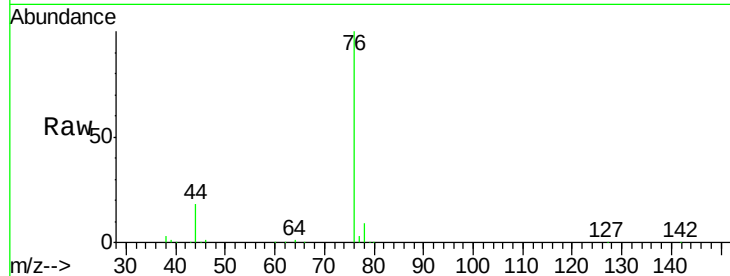
78 9.0 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN063360.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063360.D (-685) (-)

4.01

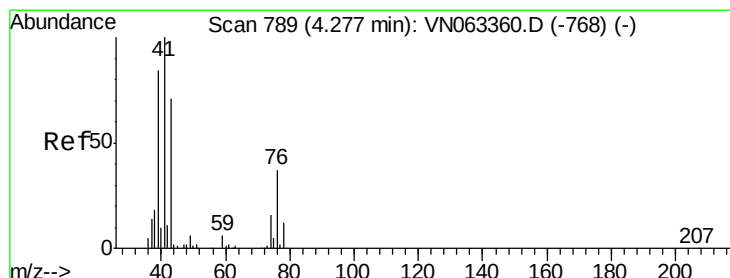
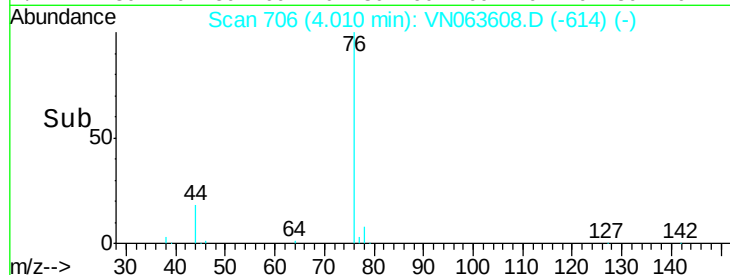
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.705 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063608.D

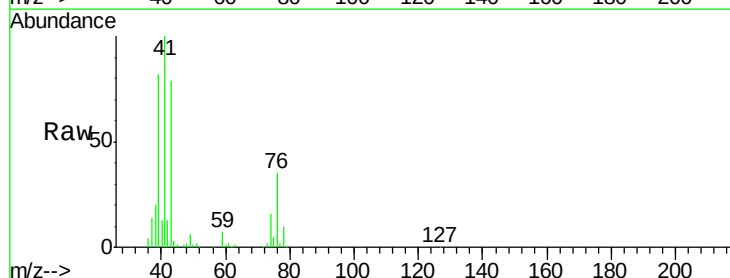
Acq: 23 Sep 2020 23:17

Tgt Ion: 43 Resp: 174102

Ion Ratio Lower Upper

43 100

74 22.2 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-768) (-)

Ion 74.00 (73.70 to 74.70): VN063360.D (-768) (-)

4.28

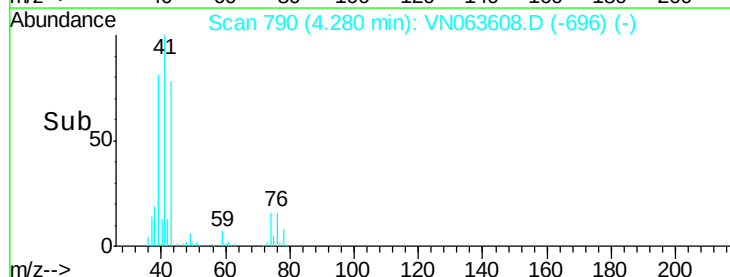
60000

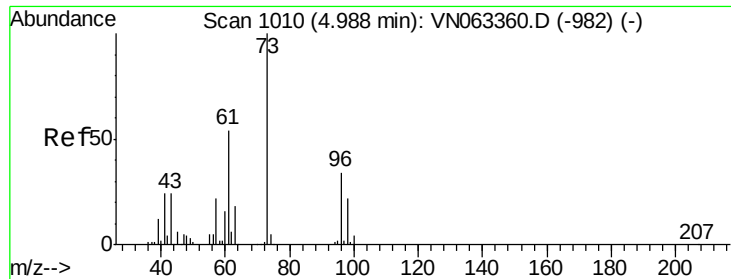
40000

20000

0

Time-->





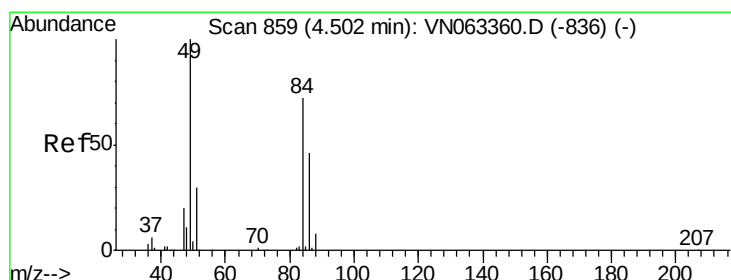
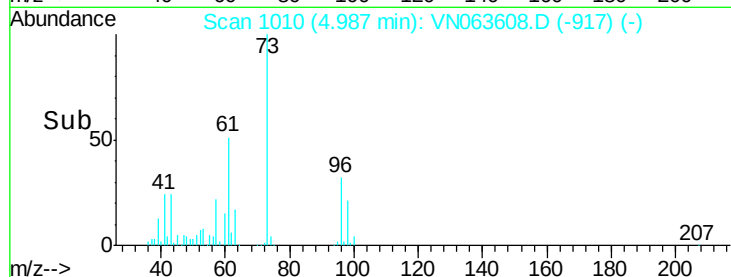
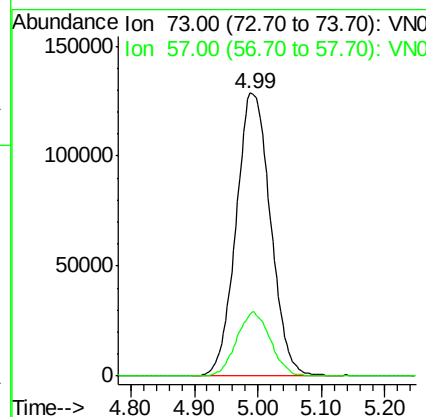
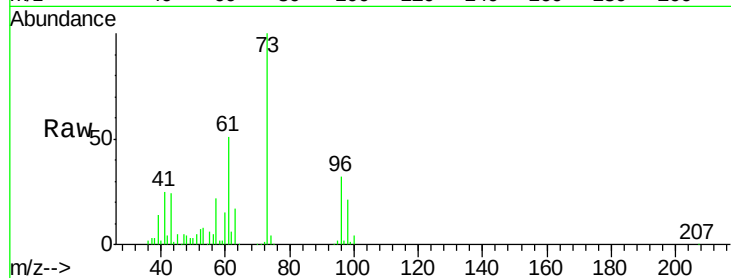
#19  
Methvl tert-butvl Ether  
Concen: 48.395 ug/l  
RT: 4.99 min Scan# 1010  
Delta R.T. -0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.0  | 17.9  | 26.9  |

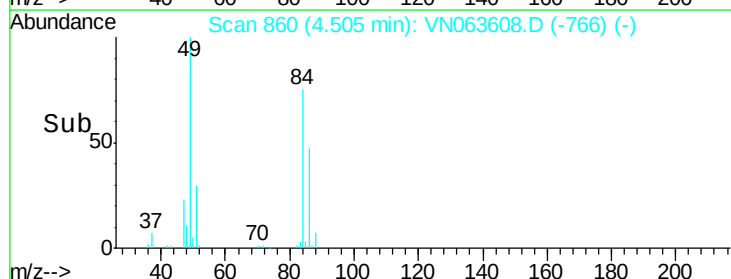
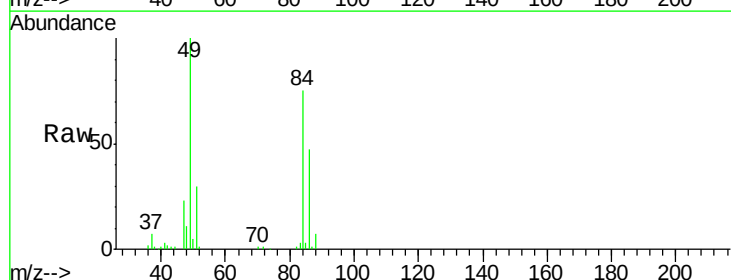
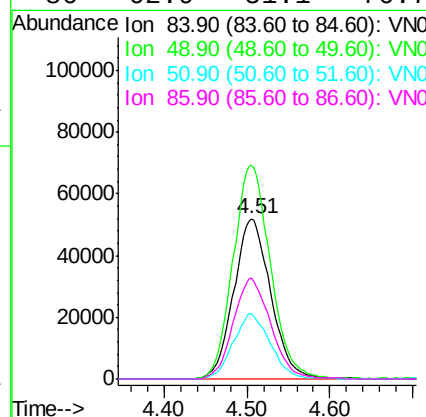
Manual Integrations  
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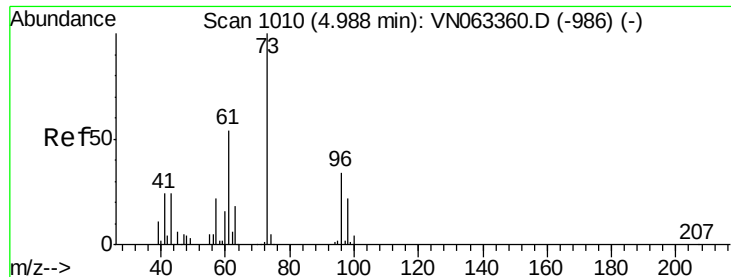
MMDadoda  
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#20  
Methylene Chloride  
Concen: 49.064 ug/l  
RT: 4.51 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 133.2 | 110.7 | 166.1 |
| 51      | 40.6  | 32.9  | 49.3  |
| 86      | 62.9  | 51.1  | 76.7  |





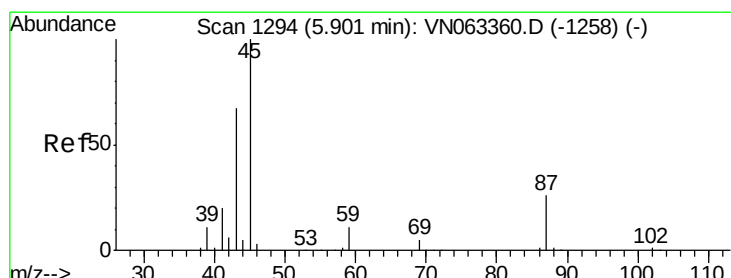
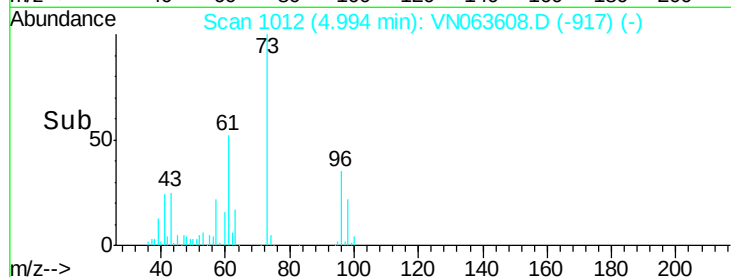
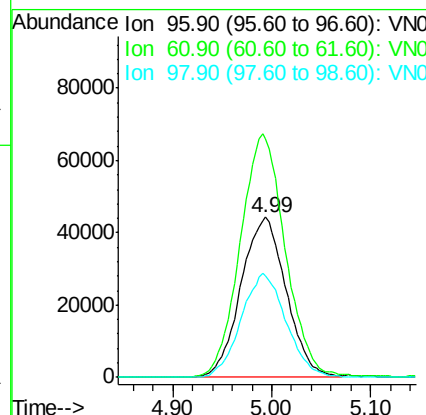
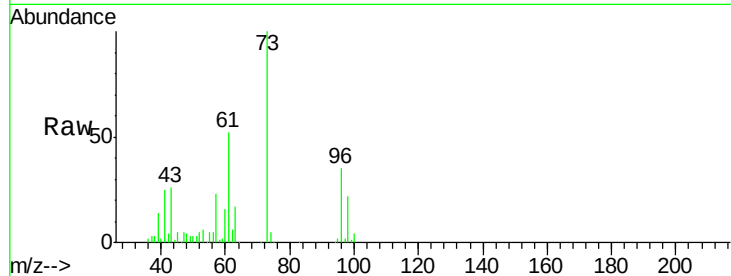
#21  
trans-1,2-Dichloroethene  
Concen: 47.349 ug/l  
RT: 4.99 min Scan# 1012  
Delta R.T. 0.01 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 149.1 | 126.2 | 189.4 |
| 98      | 63.2  | 51.0  | 76.4  |

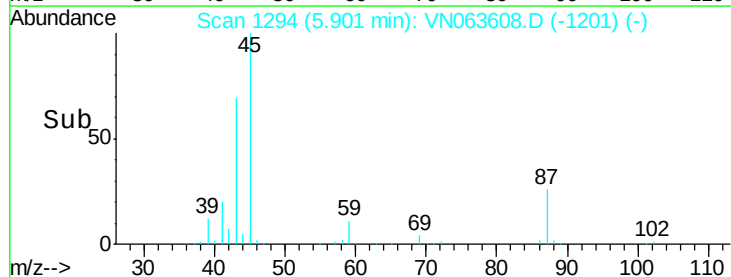
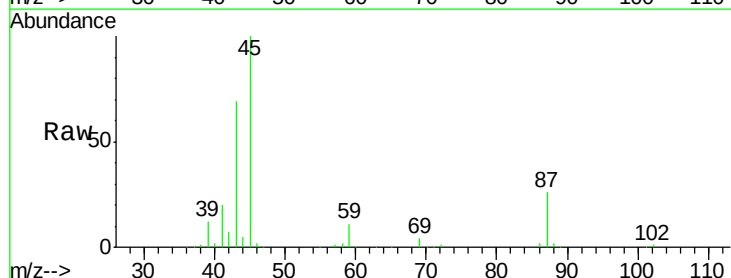
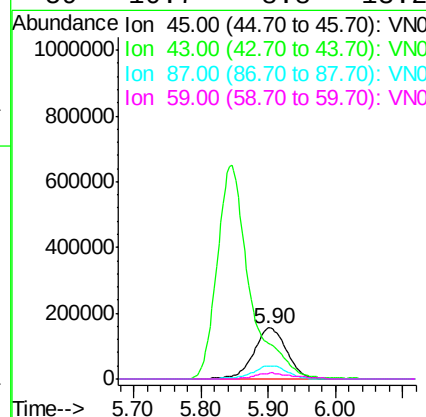
Manual Integrations  
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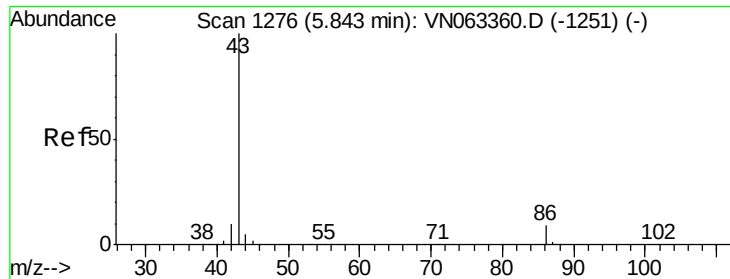


#22  
Diisopropyl ether  
Concen: 48.916 ug/l  
RT: 5.90 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 67.9  | 53.5  | 80.3  |
| 87      | 25.7  | 21.2  | 31.8  |
| 59      | 10.7  | 8.8   | 13.2  |







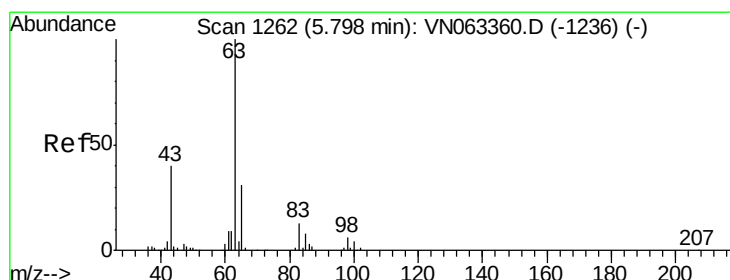
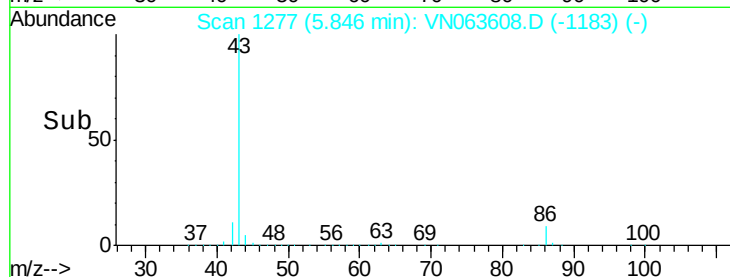
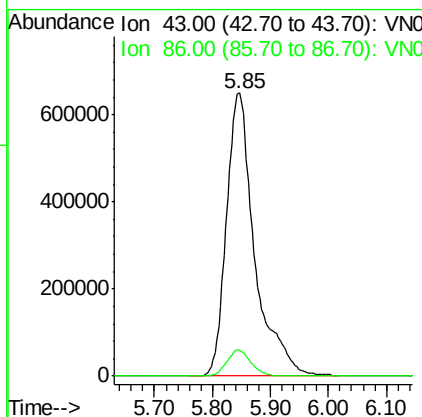
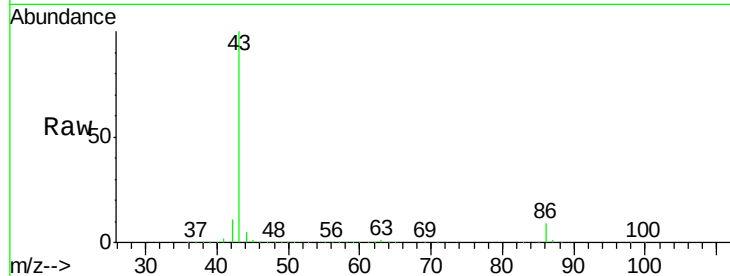
#23  
 Vinyl Acetate  
 Concen: 247.266 ug/l  
 RT: 5.85 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 43 Resp: 2198857  
 Ion Ratio Lower Upper  
 43 100  
 86 9.1 7.1 10.7

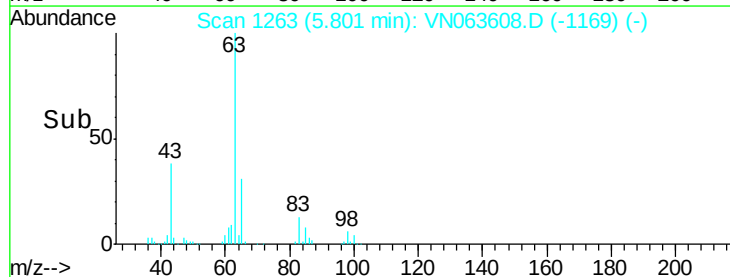
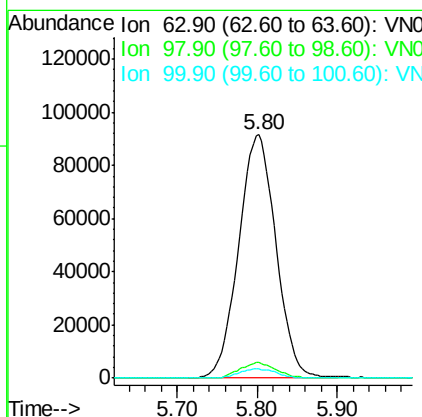
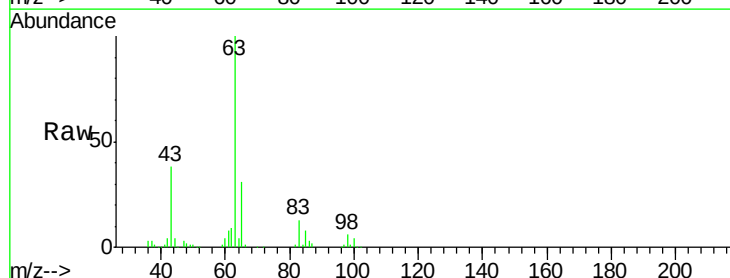
Manual Integrations  
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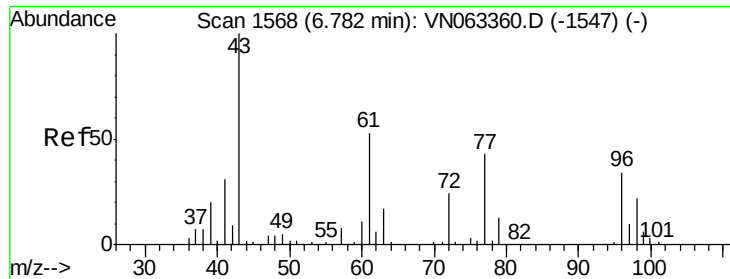
MMDadoda  
 9/24/2020 1:38:20 PM



#24  
 1,1-Dichloroethane  
 Concen: 48.908 ug/l  
 RT: 5.80 min Scan# 1263  
 Delta R.T. 0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

Tgt Ion: 63 Resp: 289127  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 2.9 8.8  
 100 3.8 2.1 6.3





#25

2-Butanone

Concen: 248.901 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 498111

Ion Ratio Lower Upper

43 100

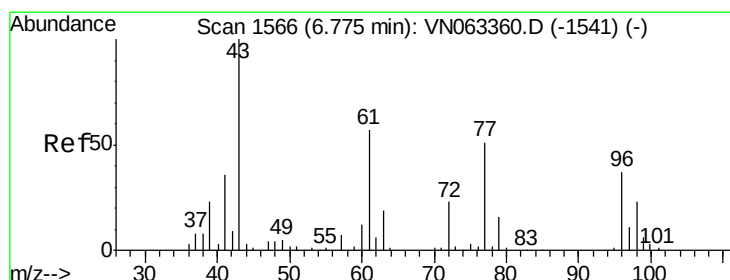
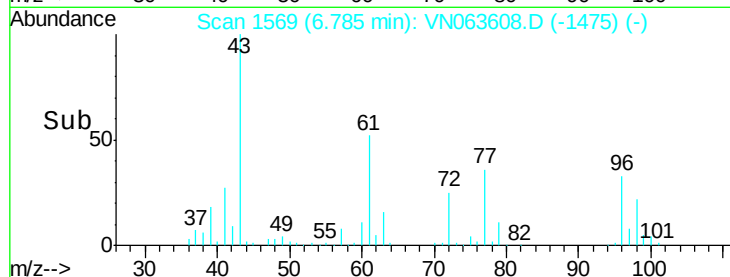
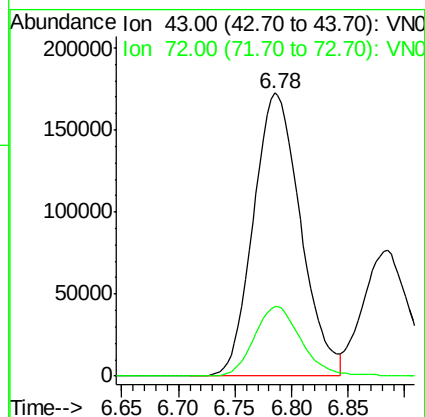
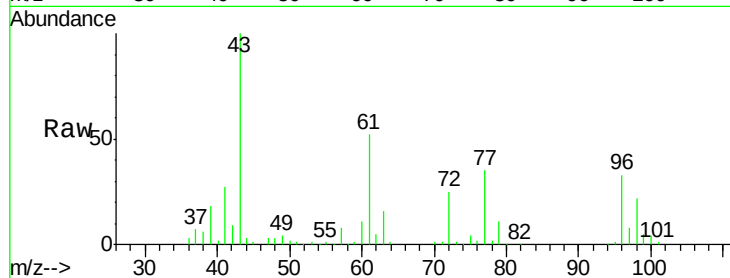
72 24.7 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 39.613 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063608.D

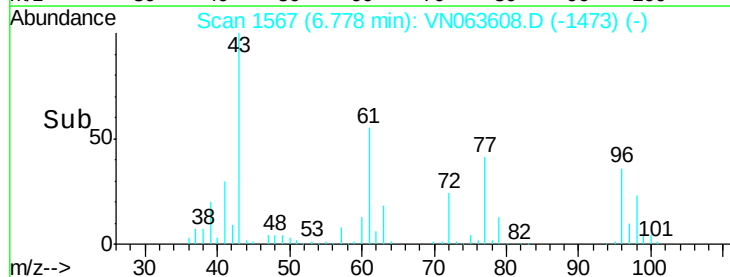
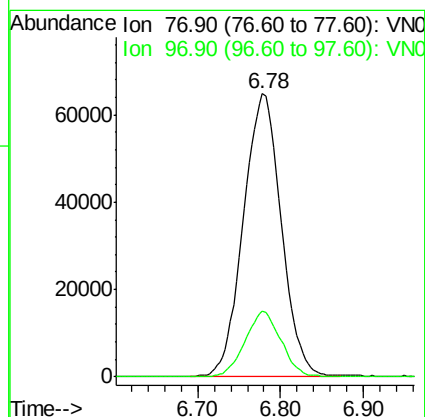
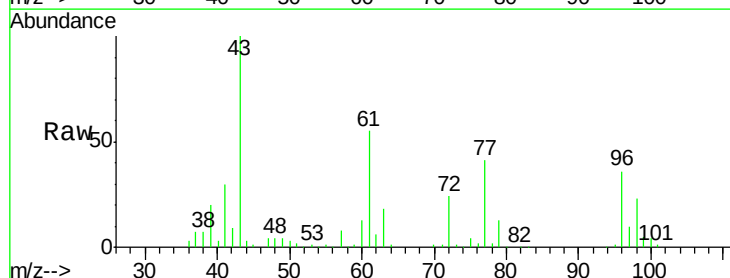
Acq: 23 Sep 2020 23:17

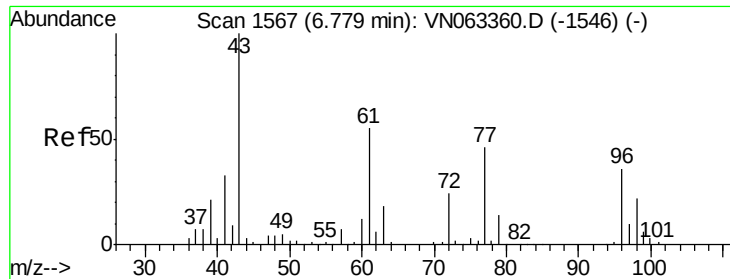
Tgt Ion: 77 Resp: 206179

Ion Ratio Lower Upper

77 100

97 22.0 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 49.618 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063608.D

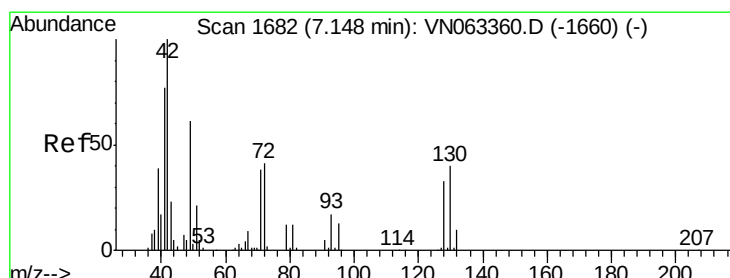
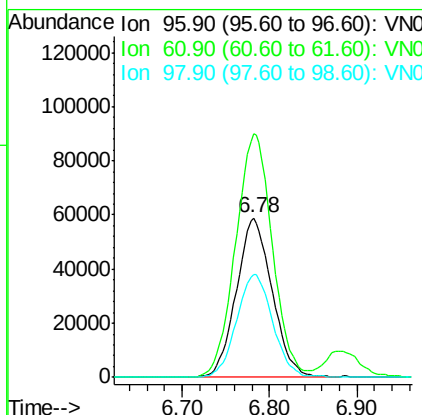
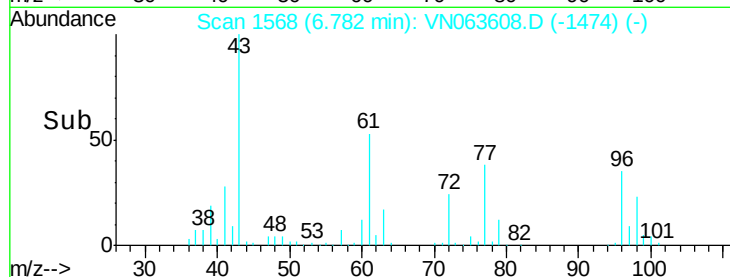
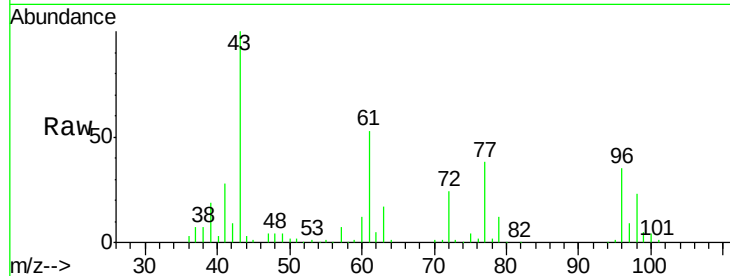
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 156.8 | 0.0   | 319.6 |
| 98      | 65.4  | 0.0   | 127.8 |

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#28

Bromochloromethane

Concen: 51.908 ug/l

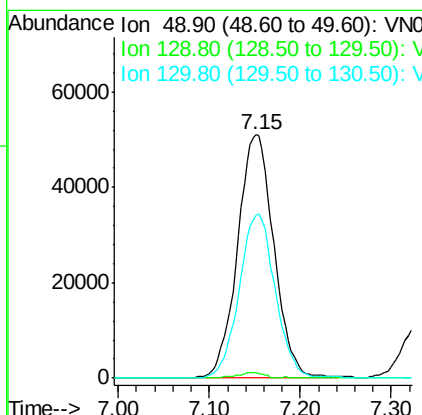
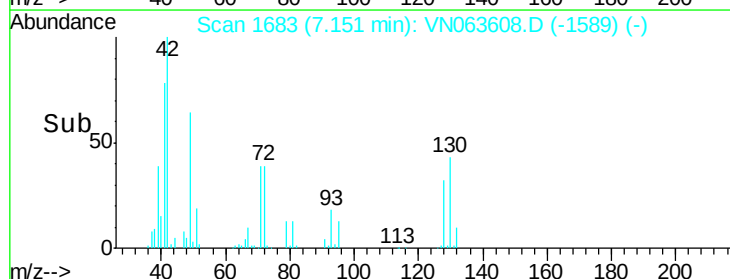
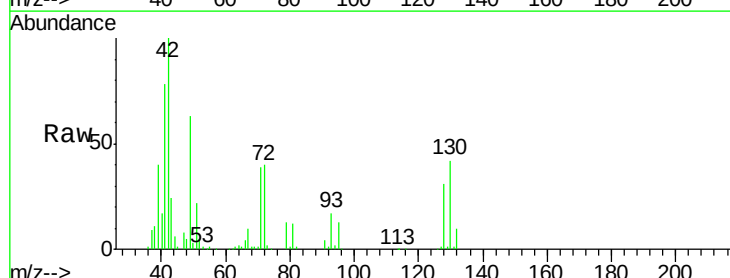
RT: 7.15 min Scan# 1683

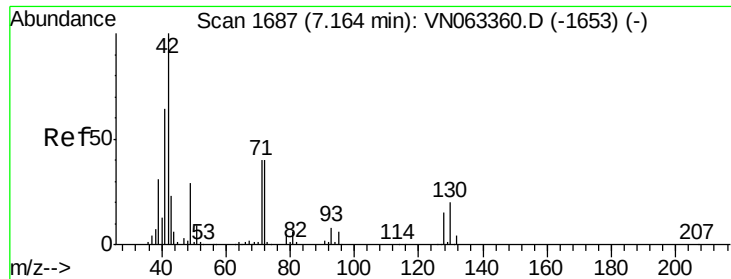
Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.6   | 0.0   | 3.8   |
| 130     | 66.8  | 52.2  | 78.2  |





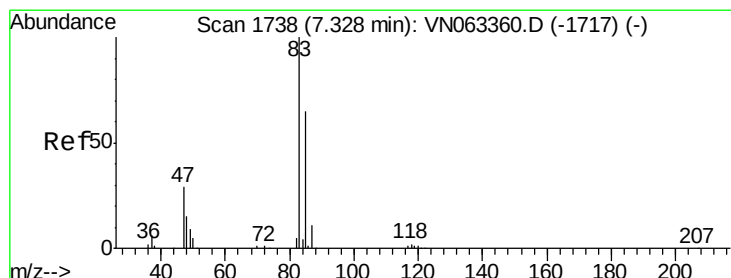
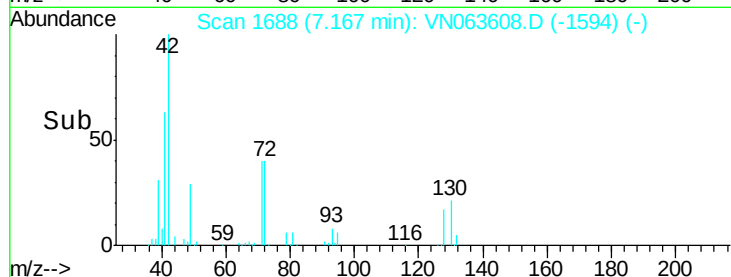
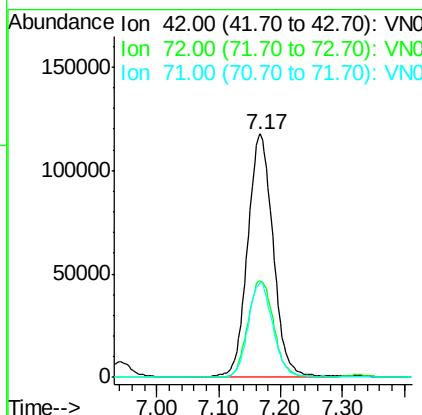
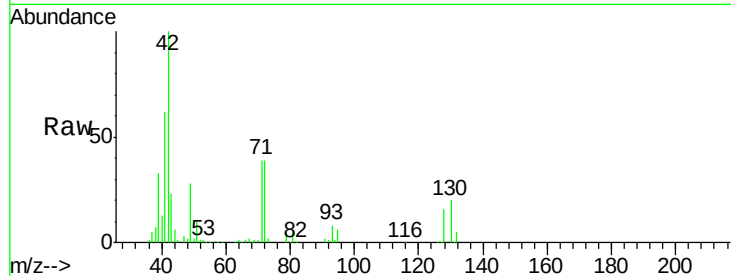
#29  
Tetrahydrofuran  
Concen: 245.426 ug/l  
RT: 7.17 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.6  | 32.1  | 48.1  |
| 71      | 38.1  | 31.2  | 46.8  |

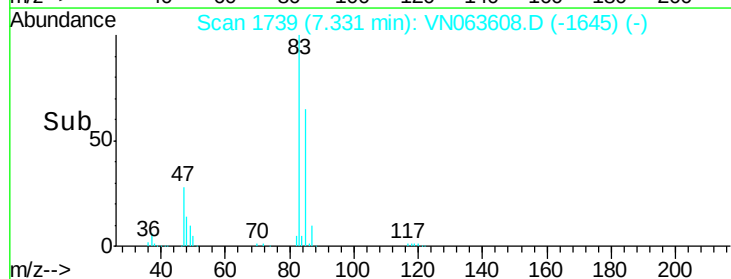
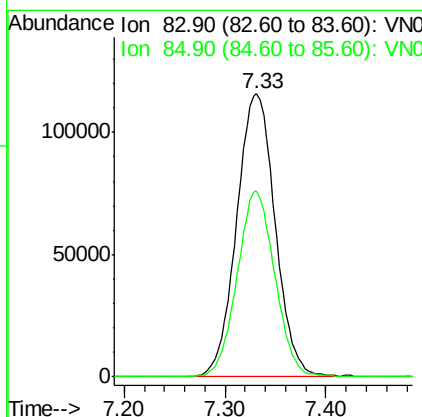
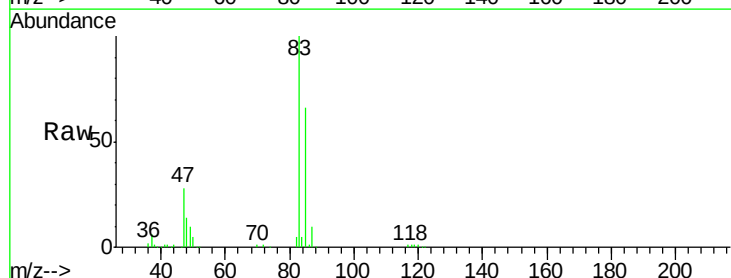
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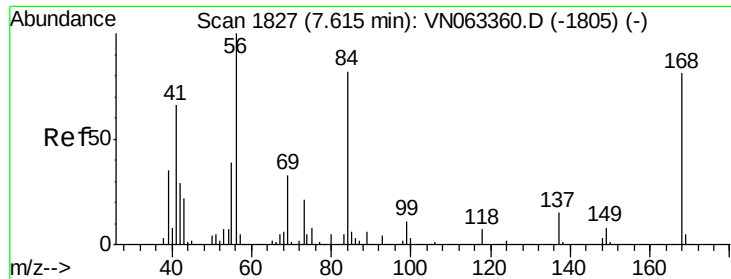
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#30  
Chloroform  
Concen: 51.614 ug/l  
RT: 7.33 min Scan# 1739  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.6  | 52.1  | 78.1  |





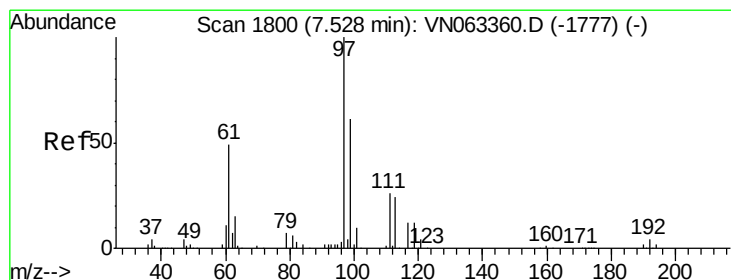
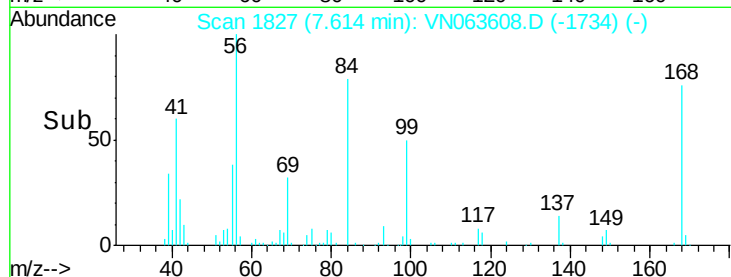
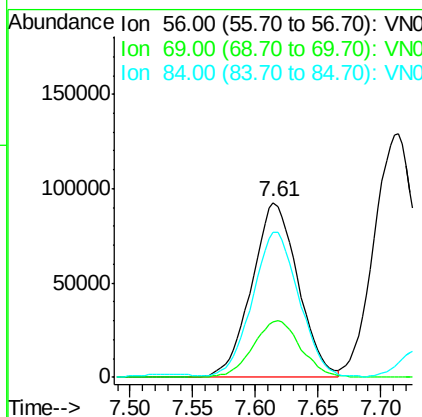
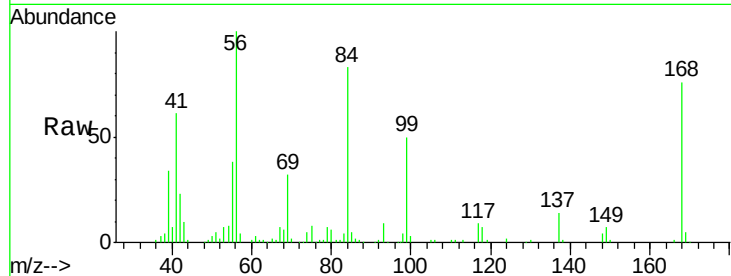
#31  
Cyclohexane  
Concen: 42.642 ug/l  
RT: 7.61 min Scan# 1827  
Delta R.T. -0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.6  | 26.1  | 39.1  |
| 84      | 81.3  | 65.4  | 98.2  |

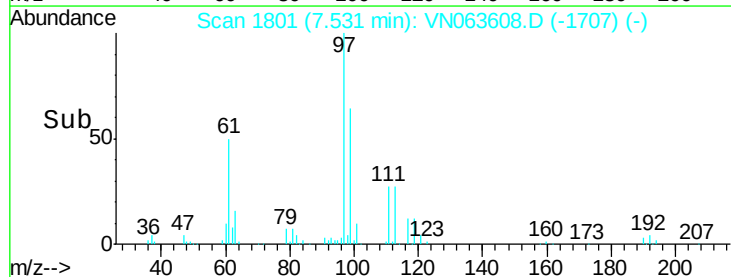
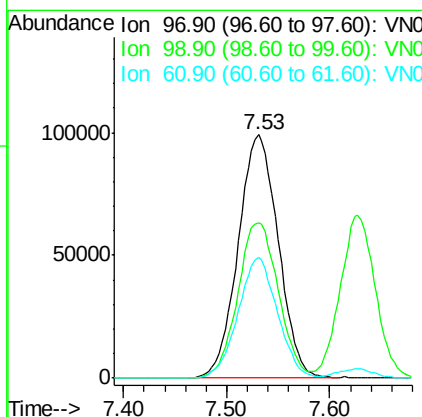
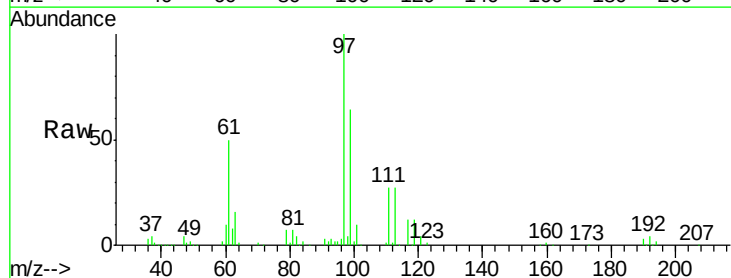
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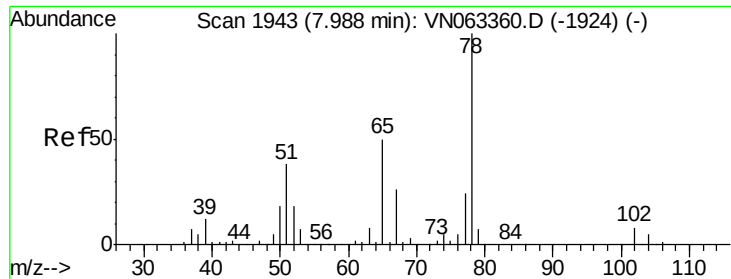
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#32  
1,1,1-Trichloroethane  
Concen: 50.748 ug/l  
RT: 7.53 min Scan# 1801  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.8  | 50.6  | 76.0  |
| 61      | 48.7  | 39.2  | 58.8  |





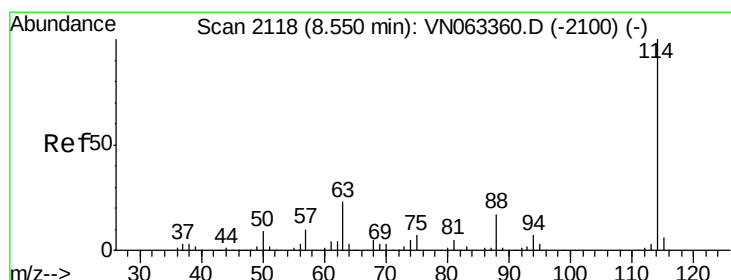
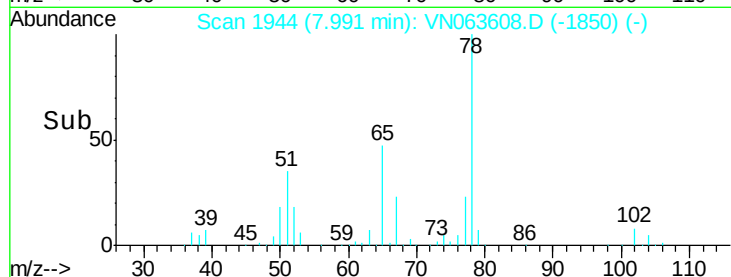
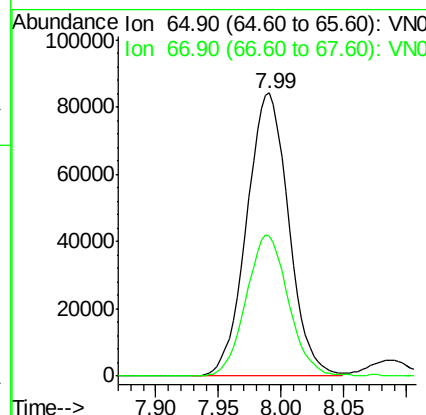
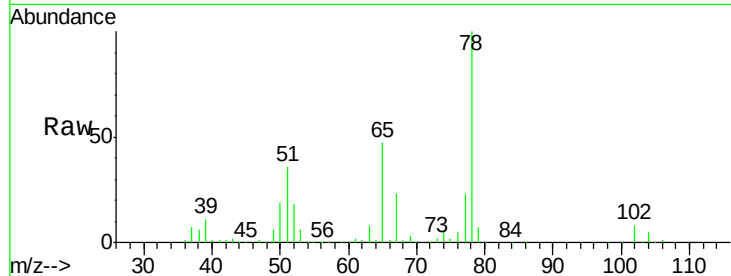
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.414 ug/l  
 RT: 7.99 min Scan# 1944  
 Delta R.T. 0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 196020 |       |       |
| 67      | 50.1  | 0.0    | 104.2 |       |

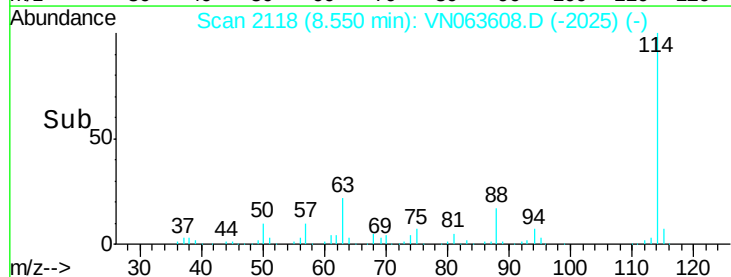
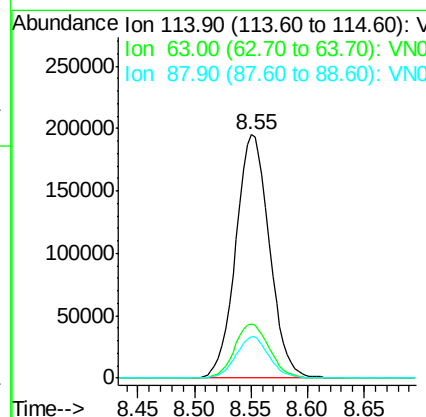
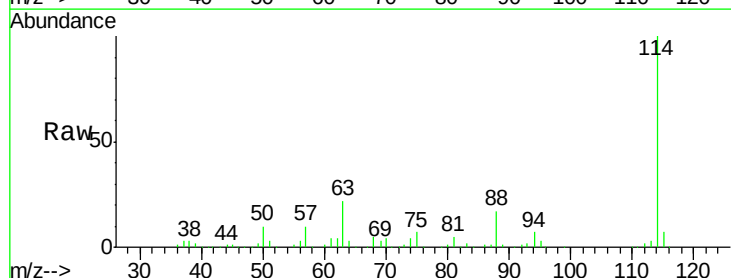
Manual Integrations  
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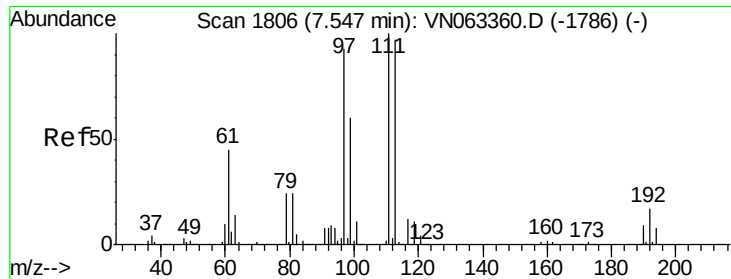
MMDadoda  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 404487 |       |       |
| 63      | 22.4  | 0.0    | 46.4  |       |
| 88      | 17.1  | 0.0    | 33.2  |       |





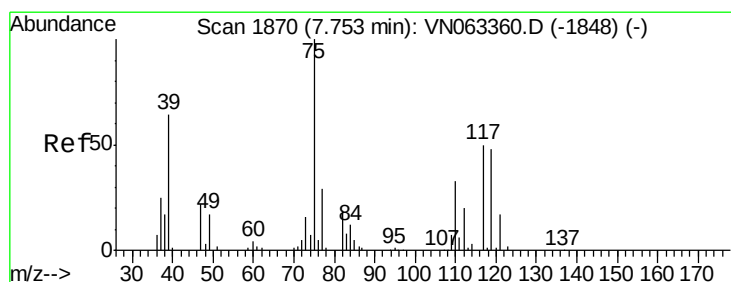
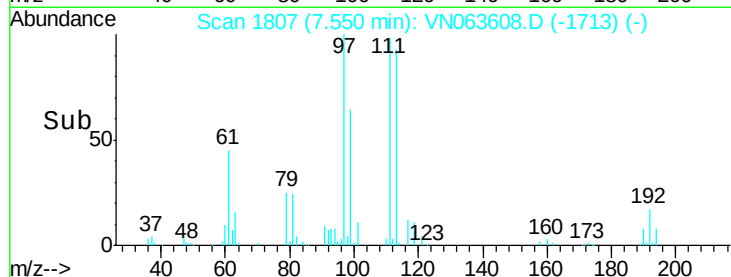
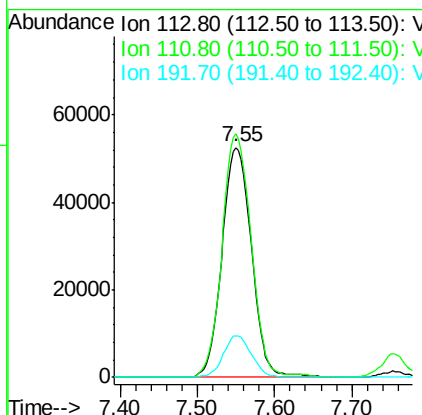
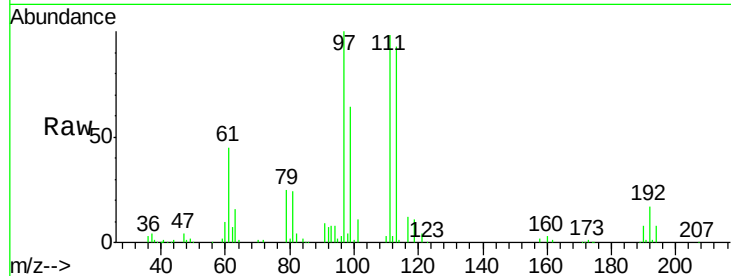
#35  
 Dibromofluoromethane  
 Concen: 49.560 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 138778 |       |       |
| 111     | 103.9 | 82.9   | 124.3 |       |
| 192     | 17.2  | 13.9   | 20.9  |       |

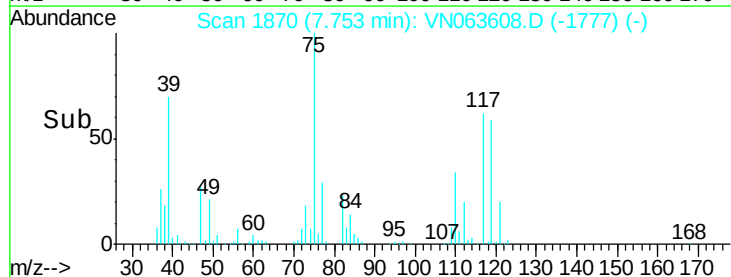
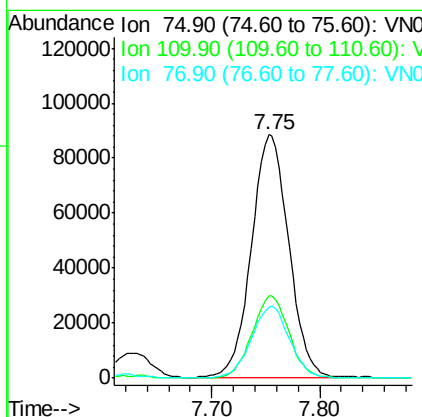
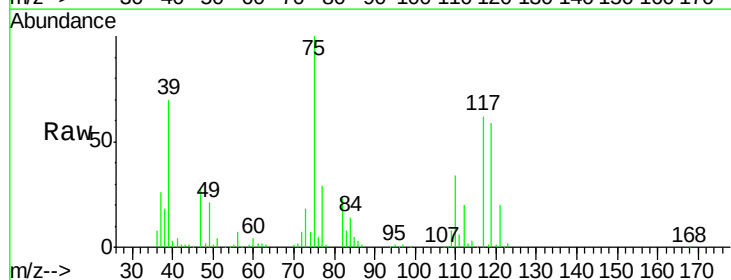
Manual Integrations  
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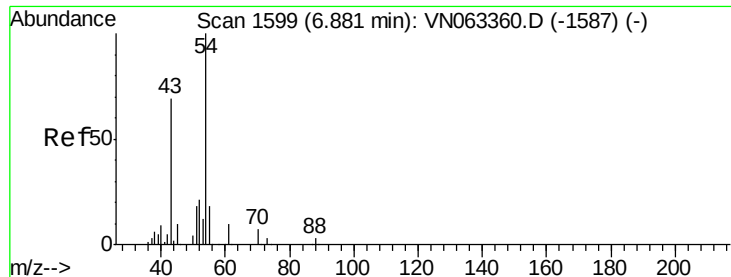
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#36  
 1,1-Dichloropropene  
 Concen: 49.219 ug/l  
 RT: 7.75 min Scan# 1870  
 Delta R.T. -0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 212098 |       |       |
| 110     | 33.4  | 16.5   | 49.5  |       |
| 77      | 30.4  | 24.6   | 36.8  |       |





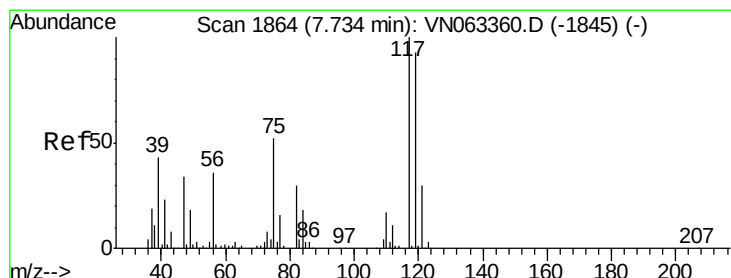
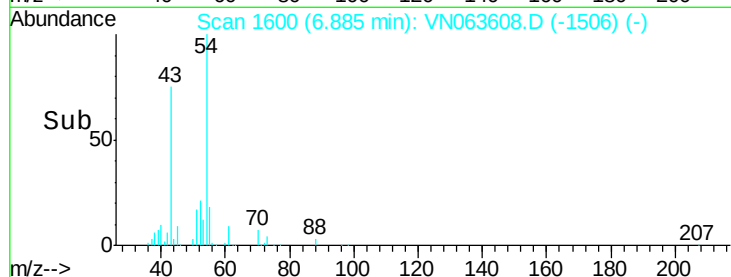
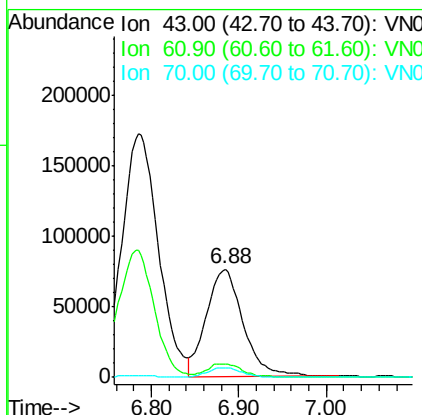
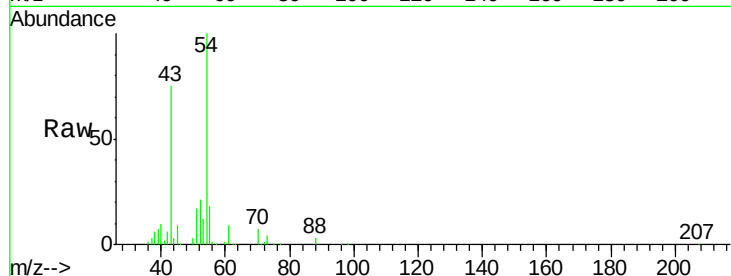
#37  
Ethyl Acetate  
Concen: 52.771 ug/l  
RT: 6.88 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 11.8  | 10.6  | 15.8  |
| 70      | 8.6   | 7.2   | 10.8  |

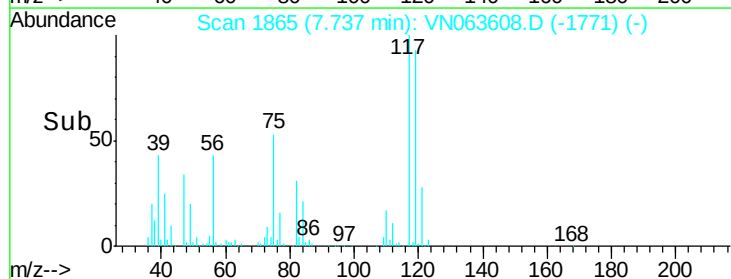
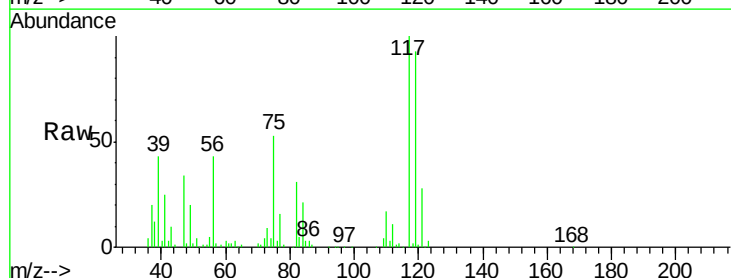
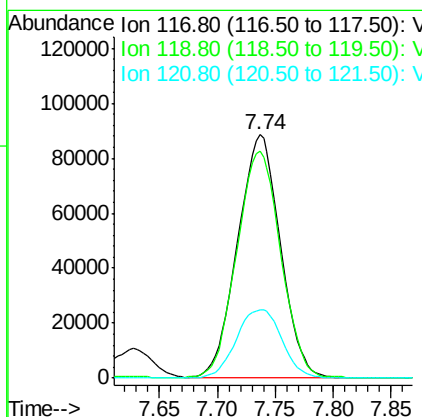
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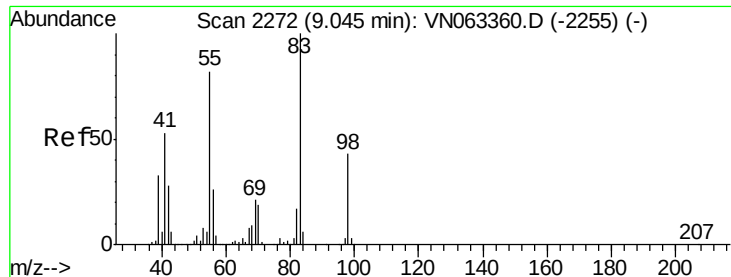


#38  
Carbon Tetrachloride  
Concen: 51.414 ug/l  
RT: 7.74 min Scan# 1865  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.9  | 74.5  | 111.7 |
| 121     | 28.1  | 24.1  | 36.1  |







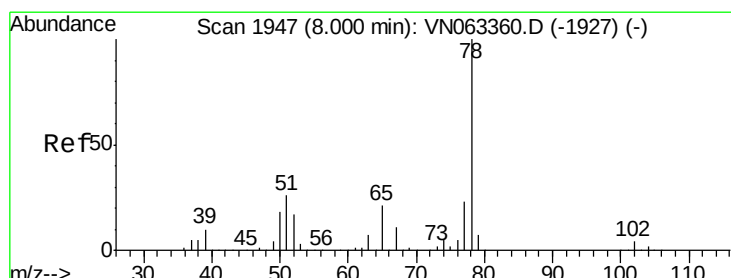
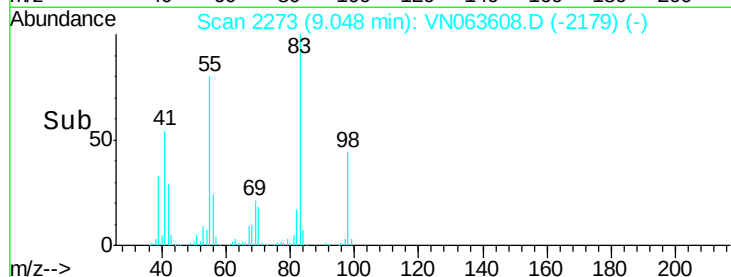
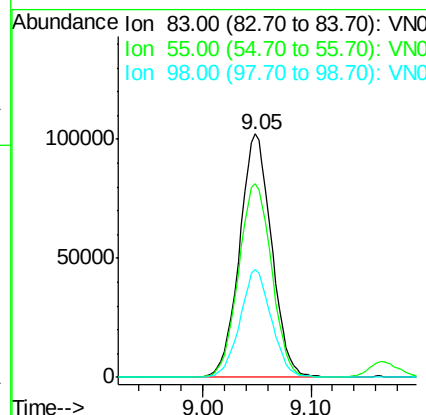
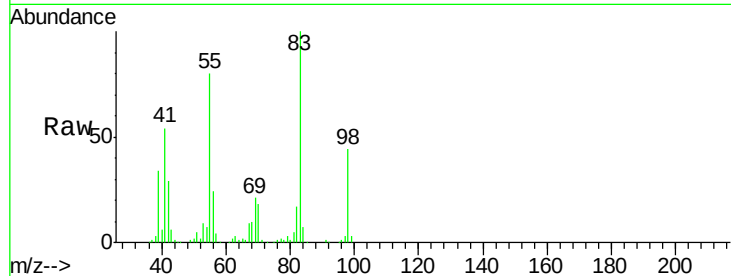
#39  
Methylvlcyclohexane  
Concen: 45.186 ug/l  
RT: 9.05 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 211331 |       |       |
| 55      | 79.6  | 65.5   | 98.3  |       |
| 98      | 44.3  | 34.2   | 51.4  |       |

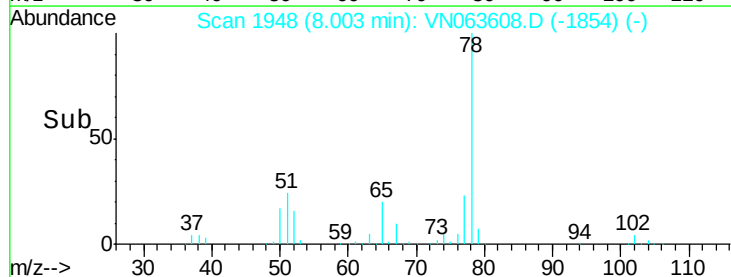
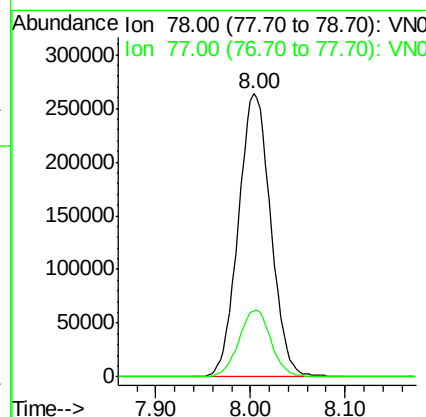
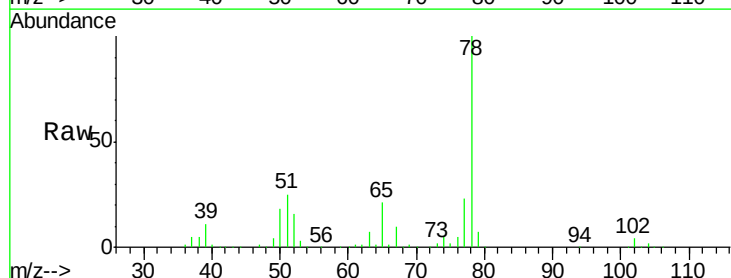
Manual Integrations  
APPROVED

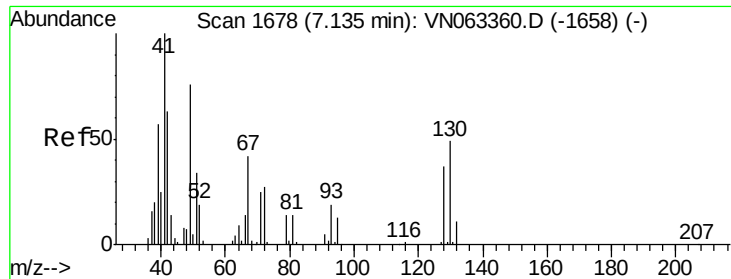
MMDadoda  
9/24/2020 1:38:20 PM



#40  
Benzene  
Concen: 50.899 ug/l  
RT: 8.00 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 626126 |       |       |
| 77      | 23.4  | 18.3   | 27.5  |       |





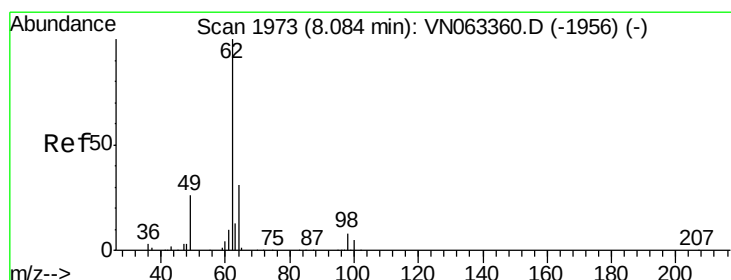
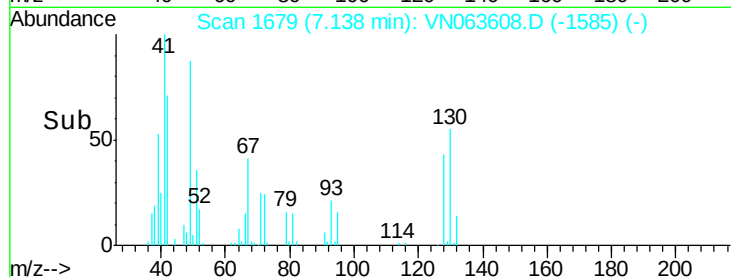
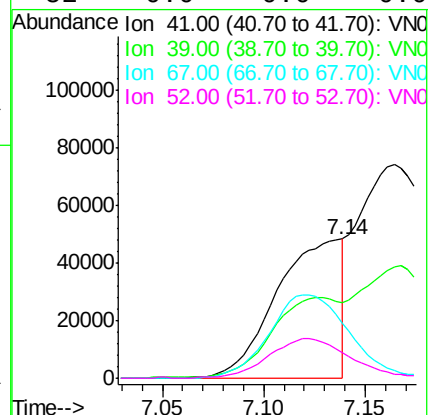
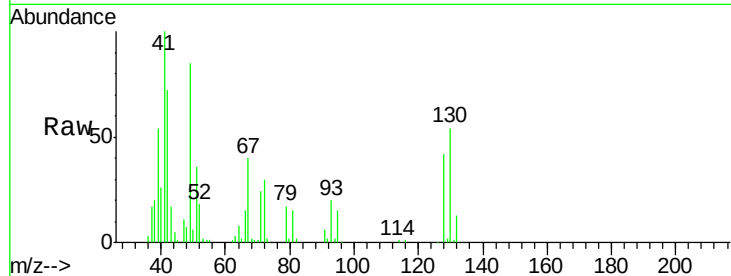
#41  
Methacrylonitrile  
Concen: 57.167 ug/l m  
RT: 7.14 min Scan# 1679  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 41    | Resp  | 108743 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 39        | 0.0   | 0.0   | 0.0    |
| 67        | 0.0   | 0.0   | 0.0    |
| 52        | 0.0   | 0.0   | 0.0    |

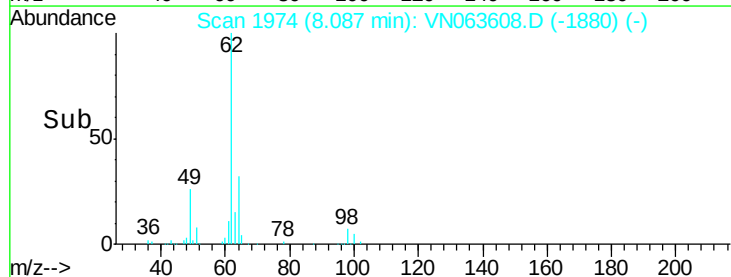
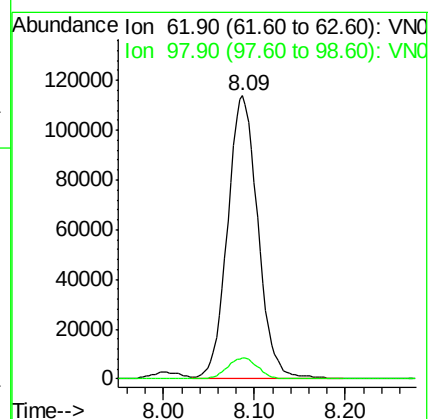
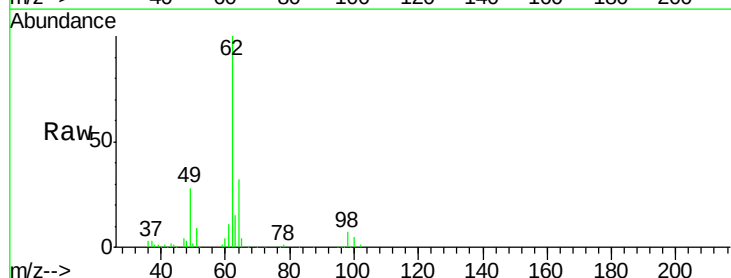
Manual Integrations  
APPROVED

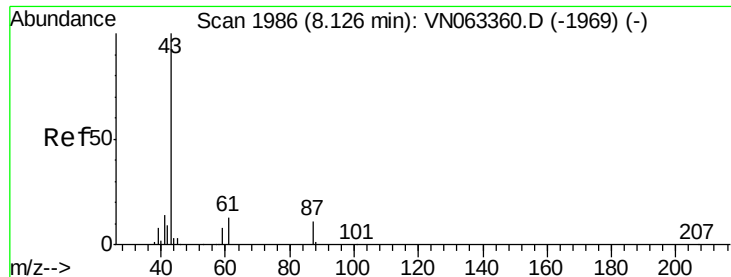
MMDadoda  
9/24/2020 1:38:20 PM



#42  
1,2-Dichloroethane  
Concen: 53.088 ug/l  
RT: 8.09 min Scan# 1974  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

| Tgt Ion   | 62    | Resp  | 262626 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 7.5   | 0.0   | 15.6   |





#43

Isopropyl Acetate

Concen: 49.287 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

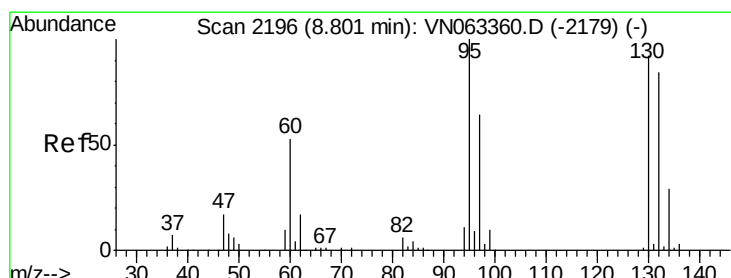
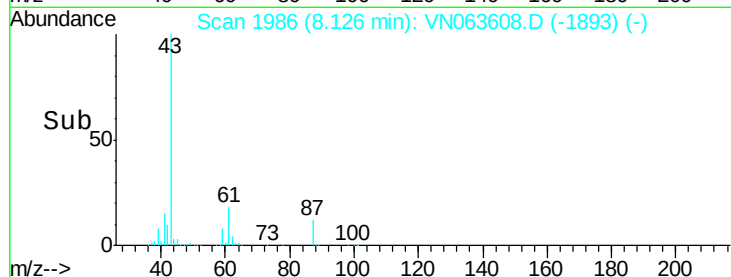
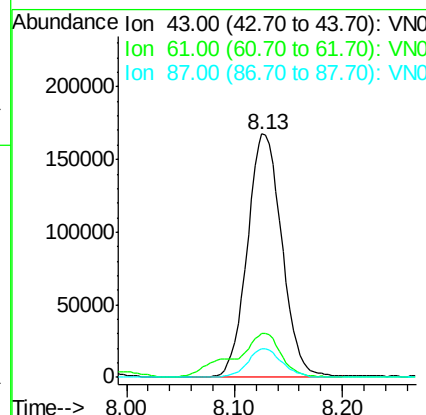
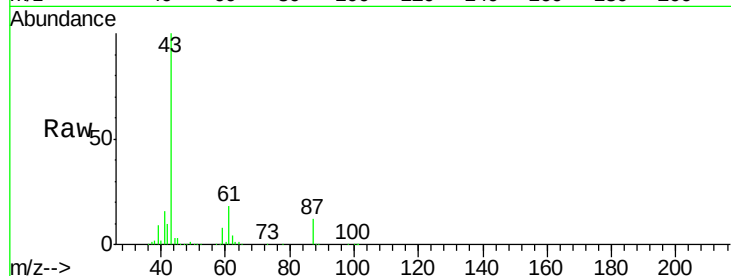
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 372735 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 17.5  | 14.2  | 21.2   |
| 87       | 11.7  | 9.0   | 13.6   |

Manual Integrations  
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MMDadoda  
9/24/2020 1:38:20 PM



#44

Trichloroethene

Concen: 51.504 ug/l

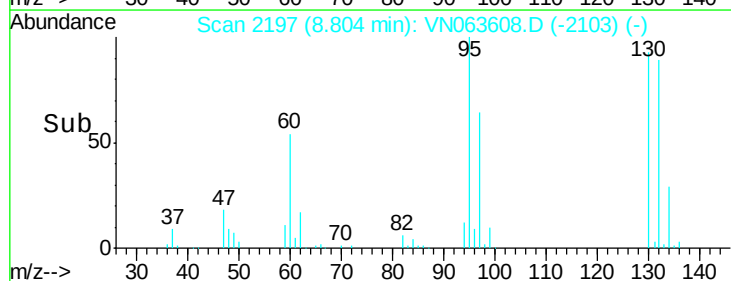
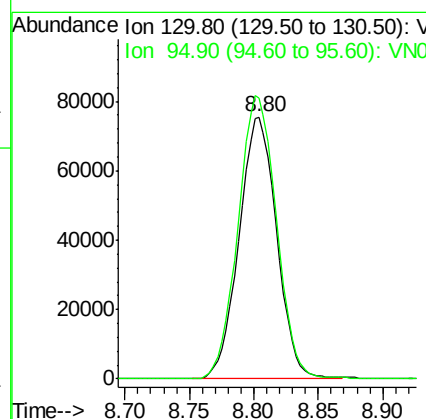
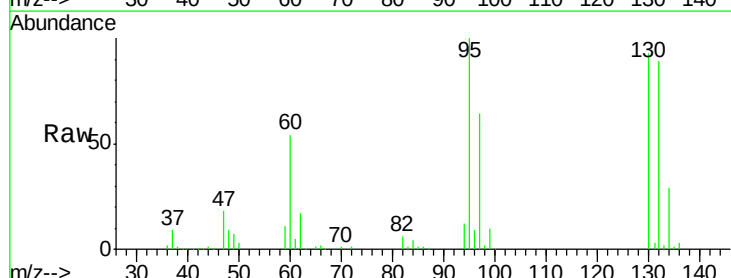
RT: 8.80 min Scan# 2197

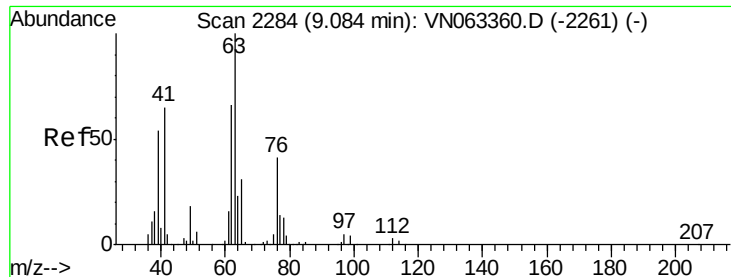
Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 153670 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 107.3 | 0.0   | 217.4  |





#45

1,2-Dichloropropane

Concen: 51.585 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 172828

Ion Ratio Lower Upper

63 100

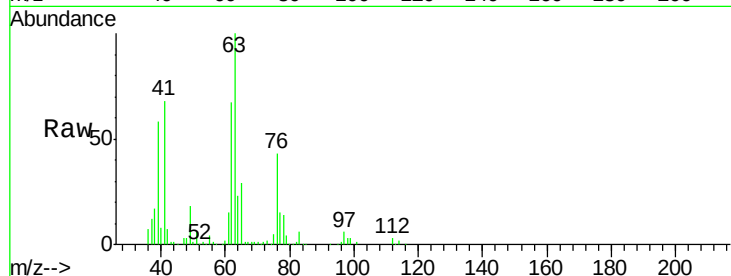
65 29.0 25.0 37.6

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

80000

60000

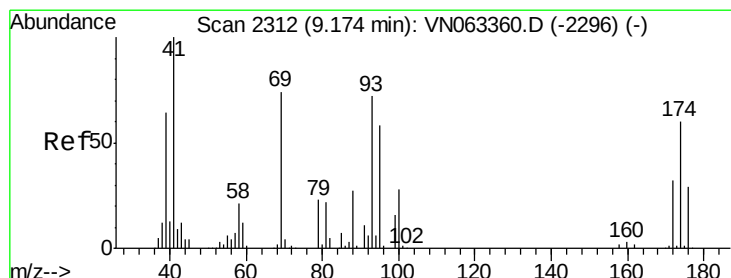
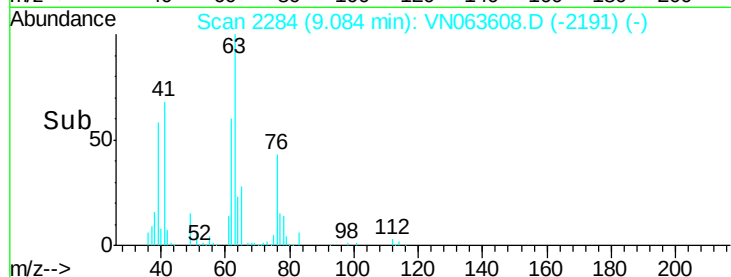
40000

20000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 53.031 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

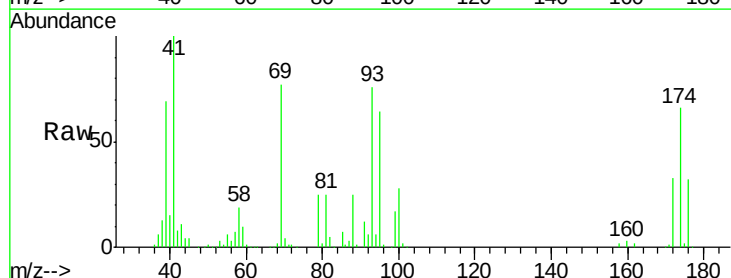
Tgt Ion: 93 Resp: 116777

Ion Ratio Lower Upper

93 100

95 81.7 65.6 98.4

174 84.7 68.1 102.1



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

60000

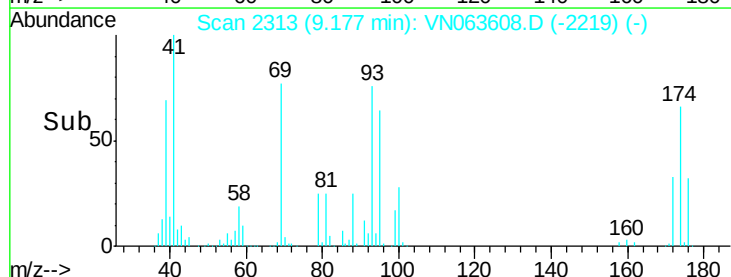
40000

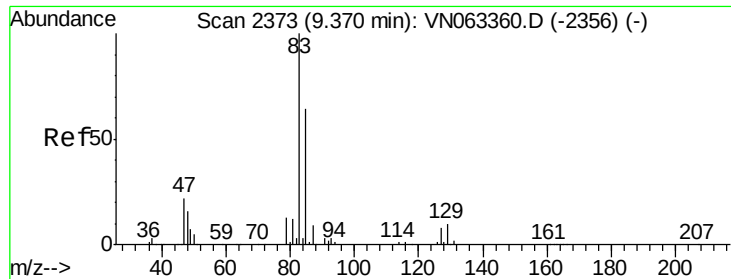
20000

0

Time-->

9.10 9.15 9.20 9.25 9.30





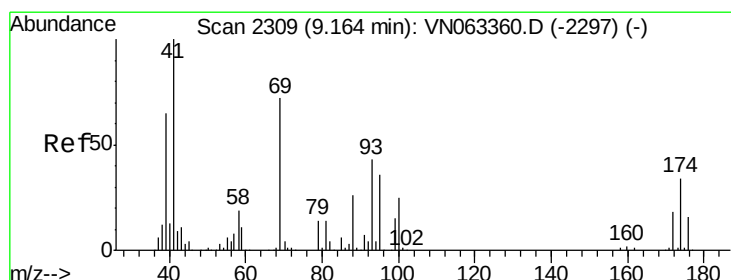
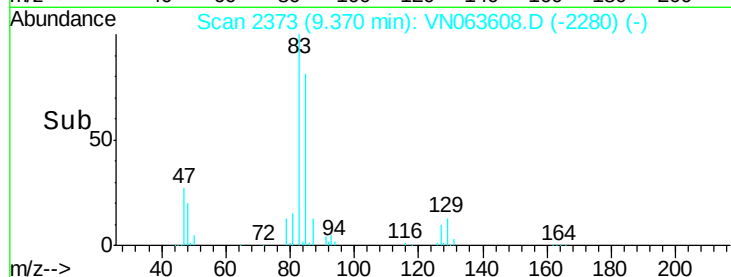
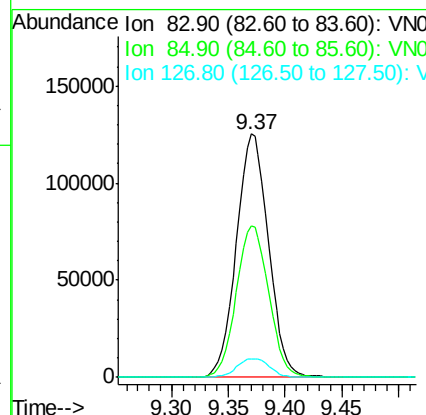
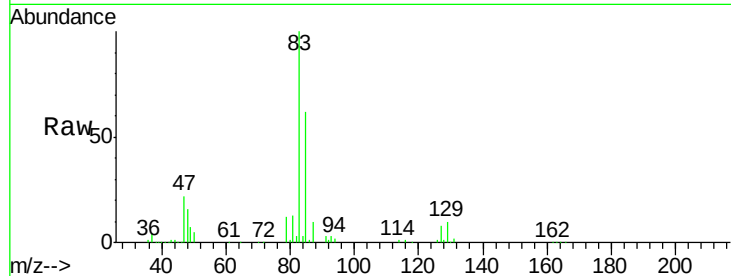
#47  
Bromodichloromethane  
Concen: 54.110 ug/l  
RT: 9.37 min Scan# 2373  
Delta R.T. -0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 247535 |       |       |
| 85      | 62.4  | 51.0   | 76.6  |       |
| 127     | 7.7   | 6.3    | 9.5   |       |

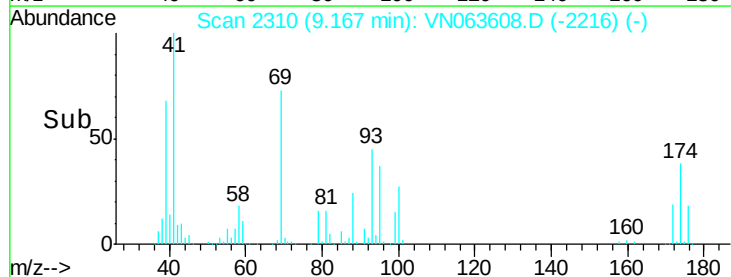
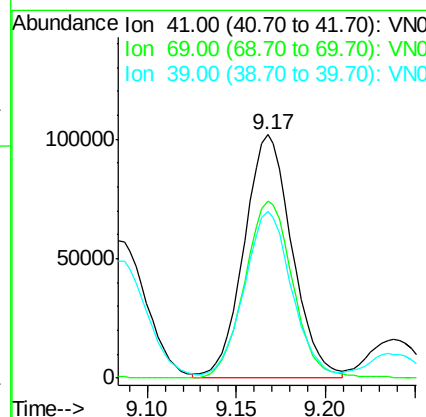
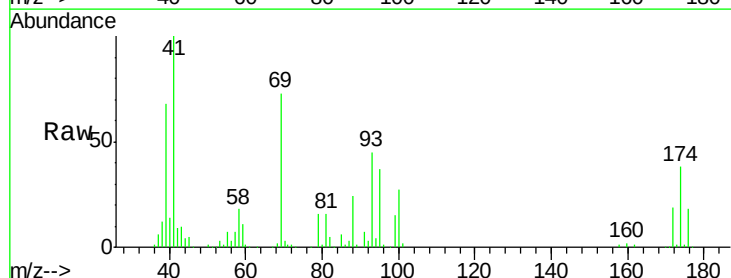
Manual Integrations  
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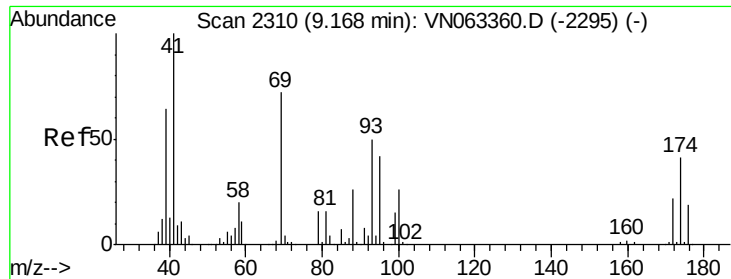
MMDadoda  
9/24/2020 1:38:20 PM



#48  
Methyl methacrylate  
Concen: 51.172 ug/l  
RT: 9.17 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 41      | 100   | 190128 |       |       |
| 69      | 73.8  | 59.3   | 88.9  |       |
| 39      | 67.8  | 52.9   | 79.3  |       |





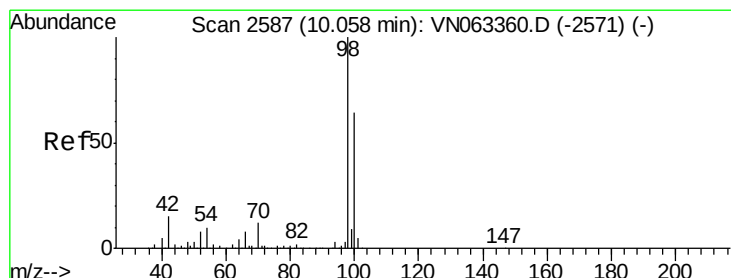
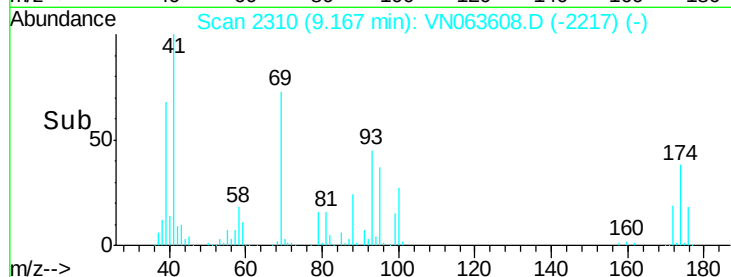
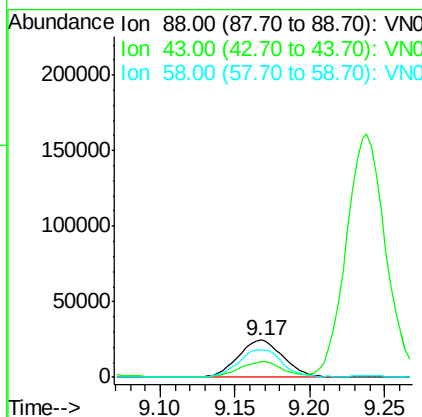
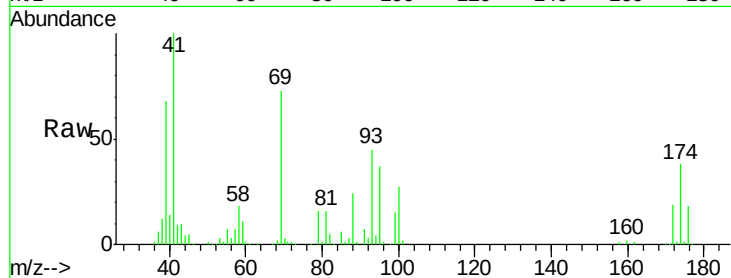
#49  
 1,4-Dioxane  
 Concen: 970.187 ug/l  
 RT: 9.17 min Scan# 2310  
 Delta R.T. -0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 38.4  | 32.6  | 49.0  |
| 58      | 72.9  | 60.0  | 90.0  |

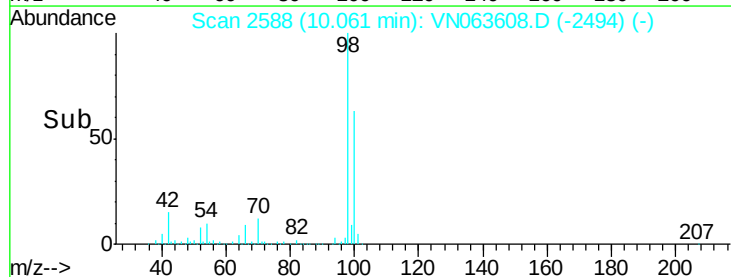
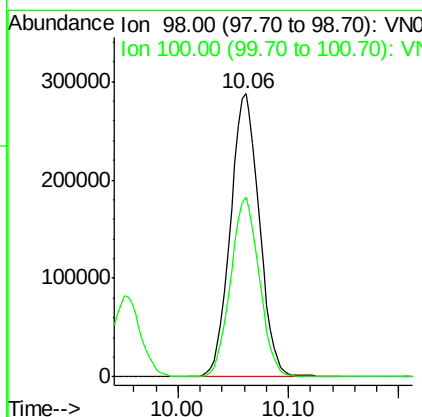
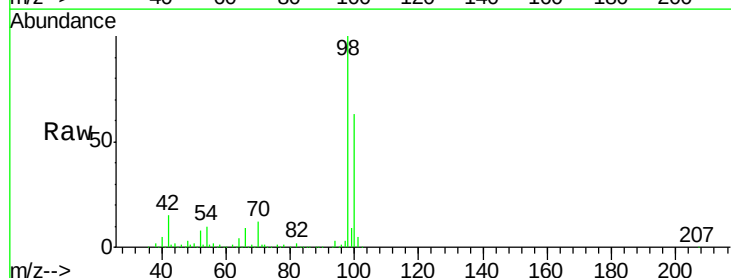
Manual Integrations  
 APPROVED

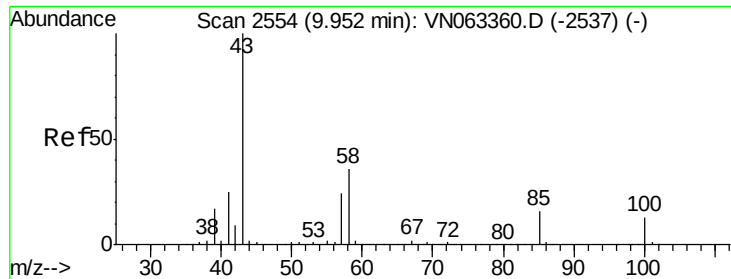
MMDadoda  
 9/24/2020 1:38:20 PM



#50  
 Toluene-d8  
 Concen: 49.598 ug/l  
 RT: 10.06 min Scan# 2588  
 Delta R.T. 0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 62.6  | 50.7  | 76.1  |





#51

4-Methyl-2-Pentanone

Concen: 266.936 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1130136

Ion Ratio Lower Upper

43 100

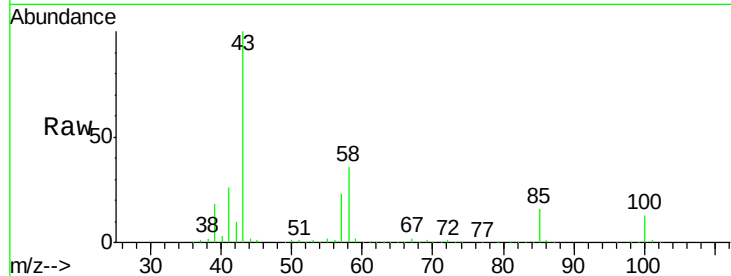
58 35.6 29.0 43.6

Manual Integrations

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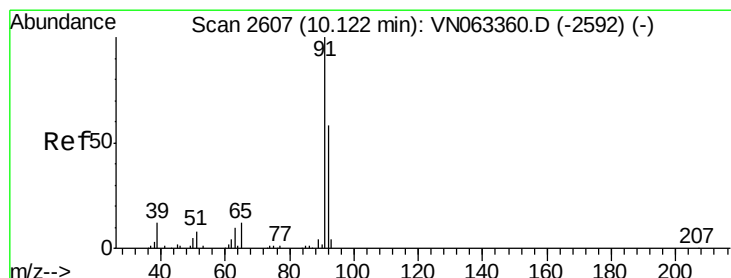
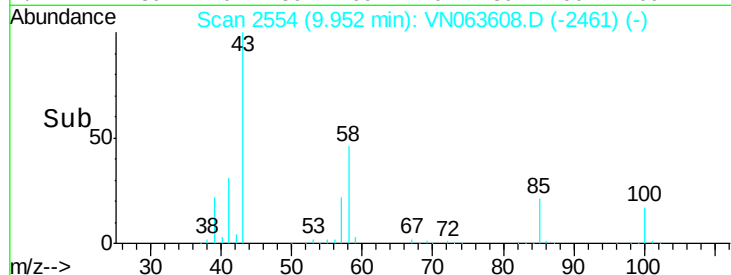
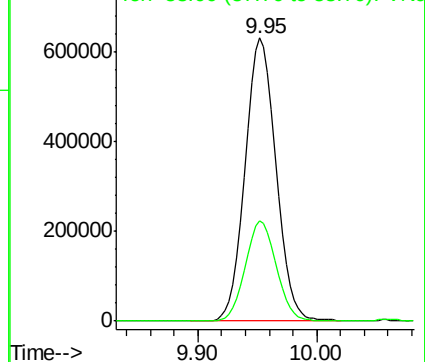
MMDadoda

9/24/2020 1:38:20 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 52.656 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063608.D

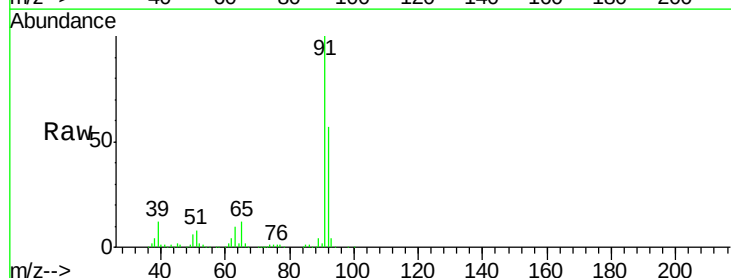
Acq: 23 Sep 2020 23:17

Tgt Ion: 92 Resp: 389438

Ion Ratio Lower Upper

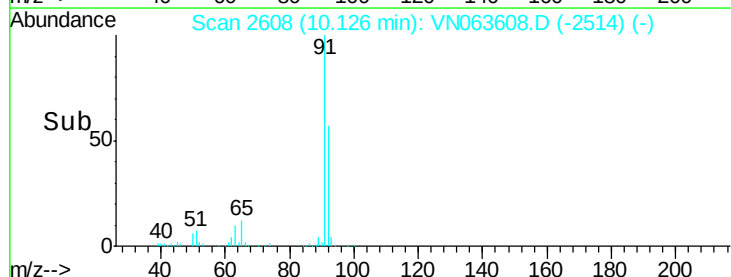
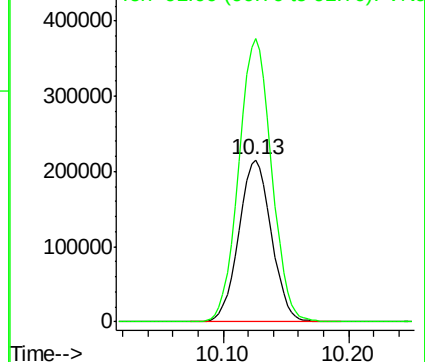
92 100

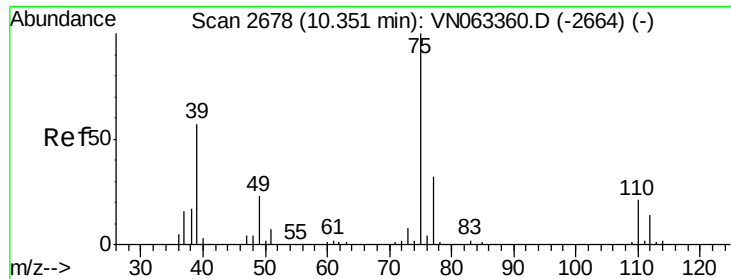
91 176.2 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





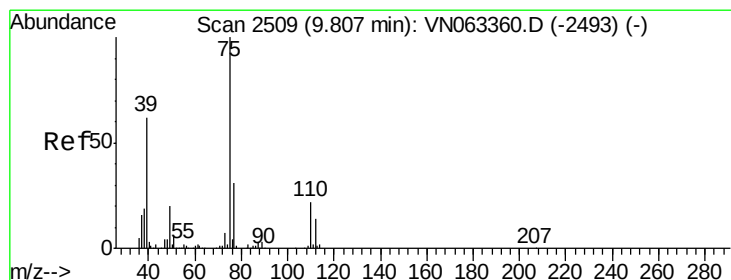
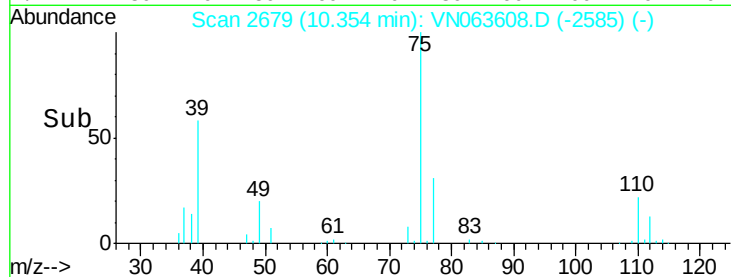
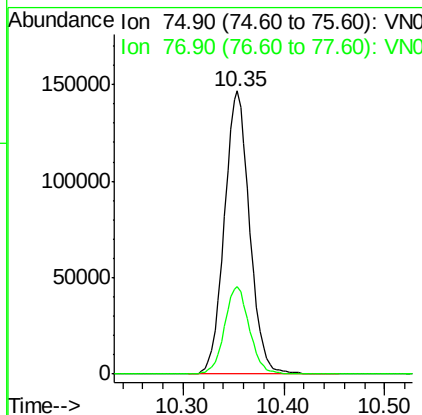
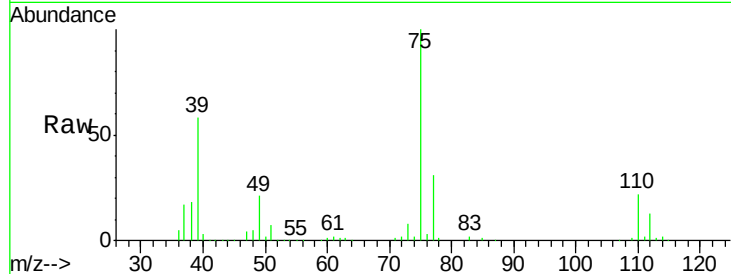
#53  
 t-1,3-Dichloropropene  
 Concen: 50.160 ug/l  
 RT: 10.35 min Scan# 2679  
 Delta R.T. 0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 75 Resp: 256171  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 25.4 38.2

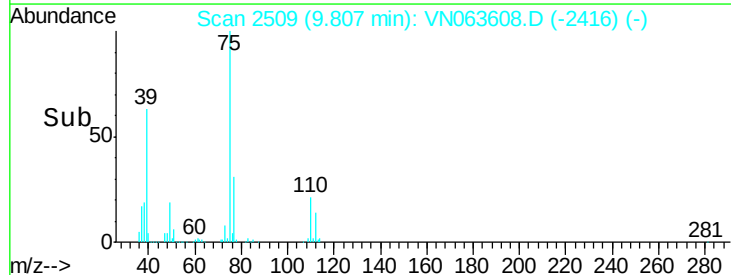
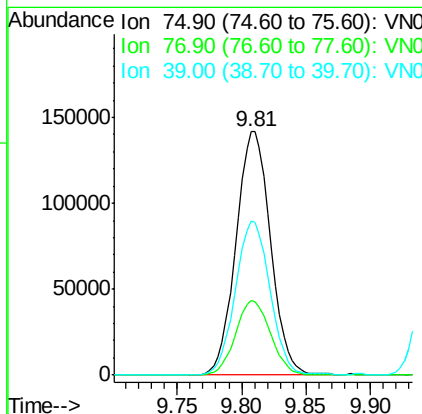
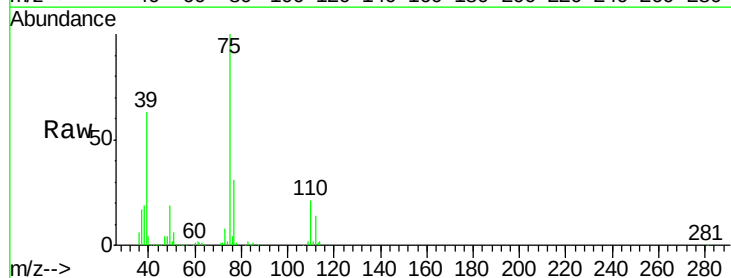
Manual Integrations  
 APPROVED

MMDadoda  
 9/24/2020 1:38:20 PM

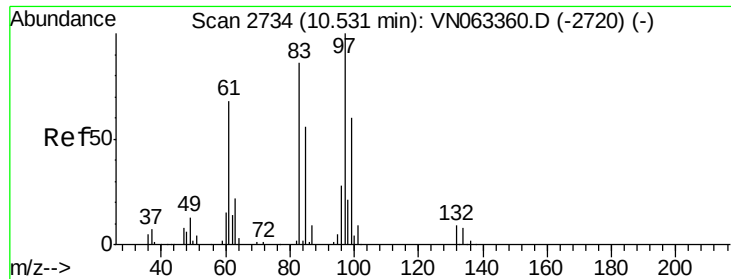


#54  
 cis-1,3-Dichloropropene  
 Concen: 49.202 ug/l  
 RT: 9.81 min Scan# 2509  
 Delta R.T. -0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

Tgt Ion: 75 Resp: 265051  
 Ion Ratio Lower Upper  
 75 100  
 77 30.6 24.6 37.0  
 39 63.1 49.8 74.8







#55

1,1,2-Trichloroethane

Concen: 53.333 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

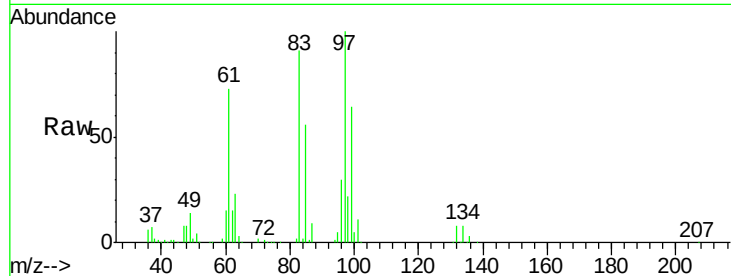
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 156677 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 91.2  | 68.9  | 103.3  |
| 85       | 55.8  | 44.8  | 67.2   |
| 99       | 63.9  | 47.8  | 71.8   |

Manual Integrations  
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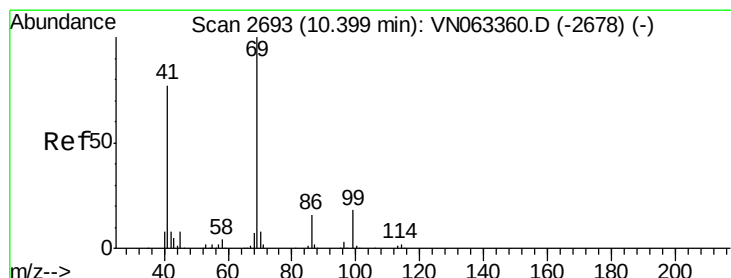
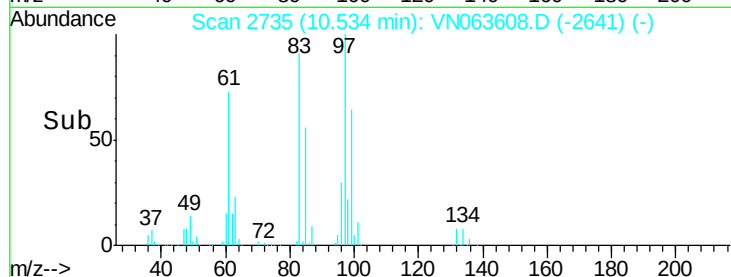
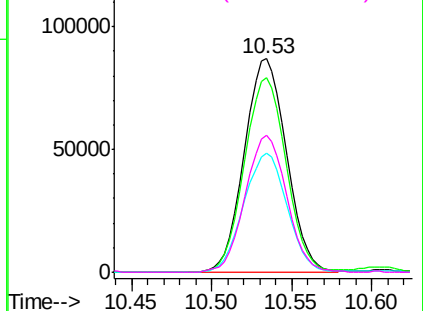


Abundance Ion 96.90 (96.60 to 97.60): VN063360.D (-2720) (-)

Ion 82.90 (82.60 to 83.60): VN063360.D (-2720) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-2720) (-)

Ion 98.90 (98.60 to 99.60): VN063360.D (-2720) (-)



#56

Ethyl methacrylate

Concen: 52.164 ug/l

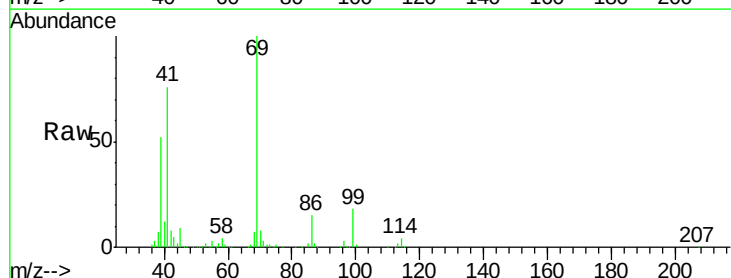
RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

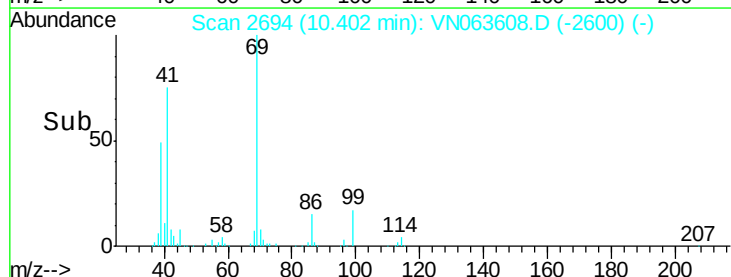
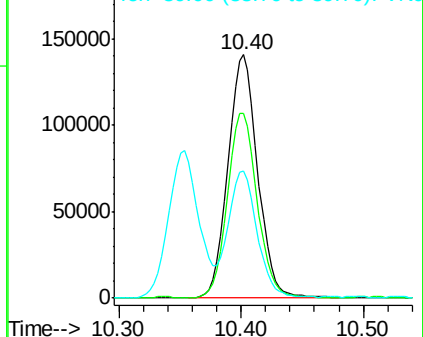
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 239231 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 75.7  | 61.0  | 91.6   |
| 39       | 50.2  | 39.2  | 58.8   |

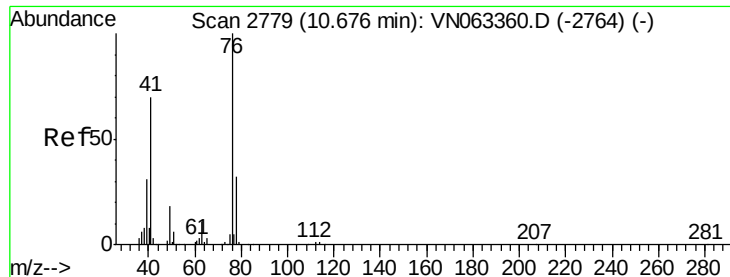


Abundance Ion 69.00 (68.70 to 69.70): VN063360.D (-2678) (-)

Ion 41.00 (40.70 to 41.70): VN063360.D (-2678) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-2678) (-)





#57

1,3-Dichloropropane

Concen: 51.734 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 274069

Ion Ratio Lower Upper

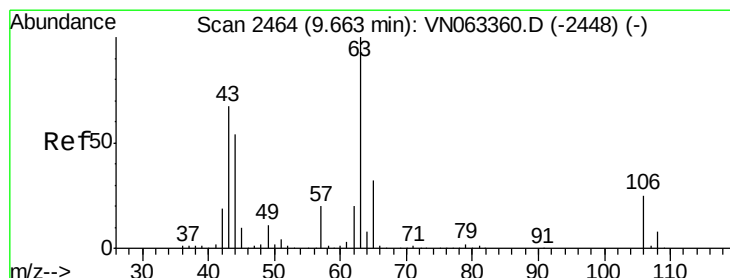
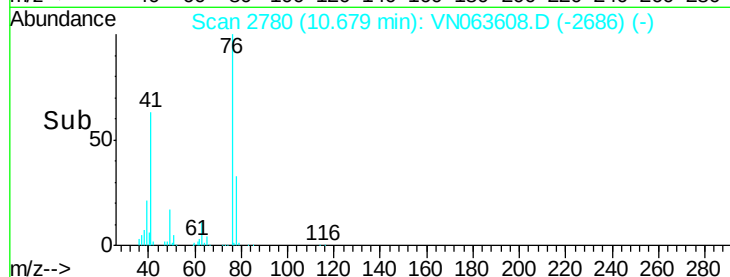
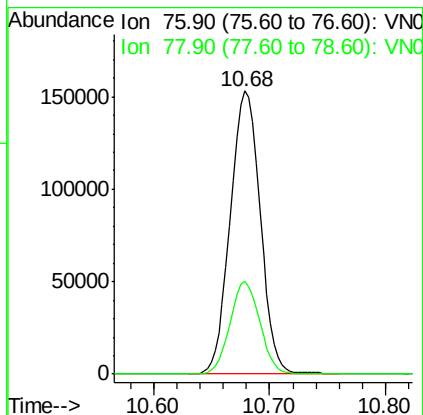
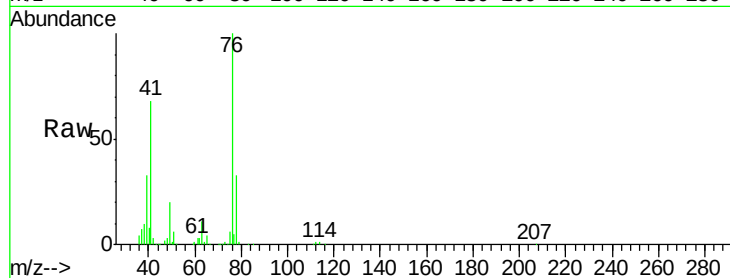
76 100

78 32.7 25.8 38.8

Manual Integrations  
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#58

2-Chloroethyl Vinyl ether

Concen: 243.933 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN063608.D

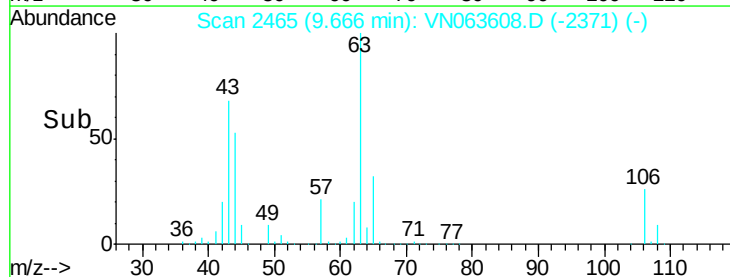
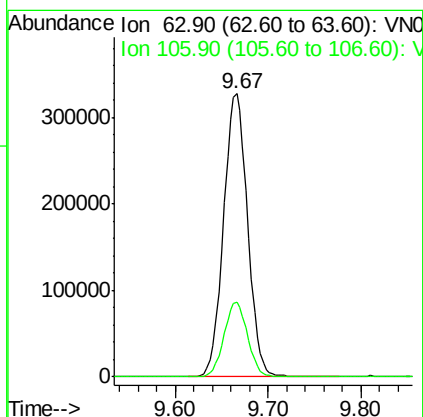
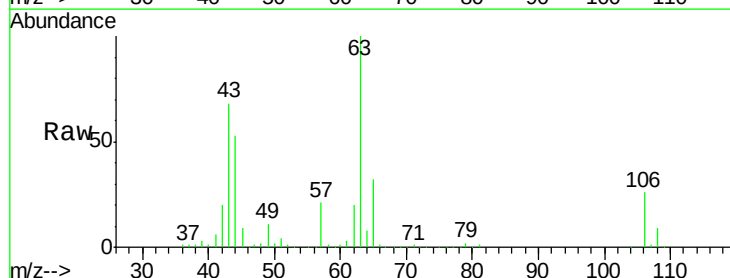
Acq: 23 Sep 2020 23:17

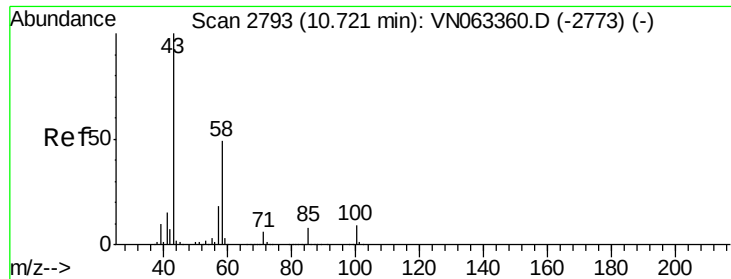
Tgt Ion: 63 Resp: 586850

Ion Ratio Lower Upper

63 100

106 25.9 19.5 29.3





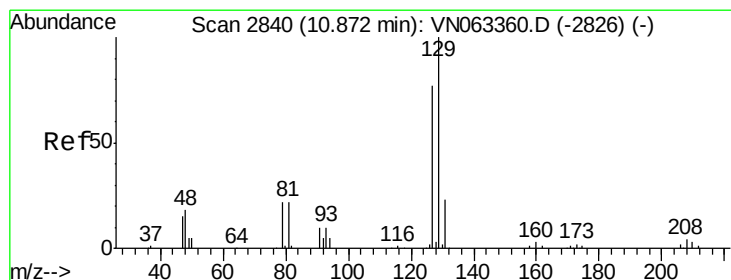
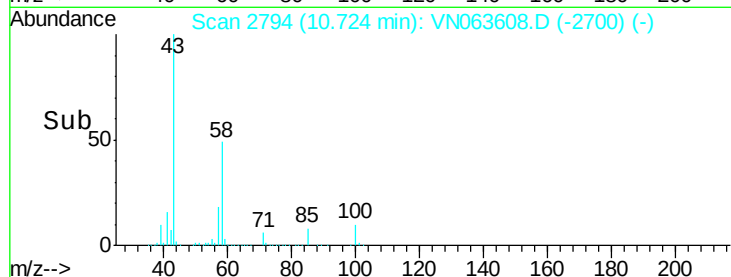
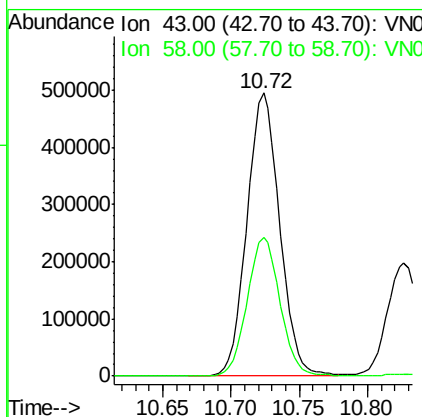
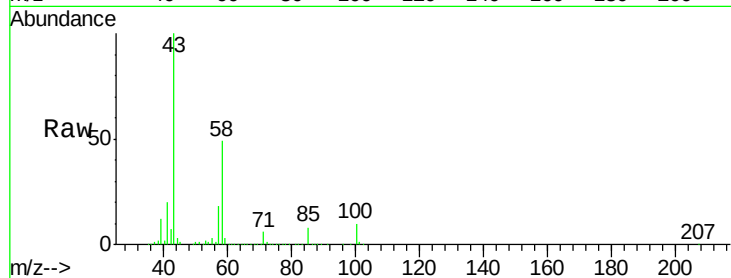
#59  
2-Hexanone  
Concen: 268.299 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 822933  
Ion Ratio Lower Upper  
43 100  
58 49.4 24.7 74.1

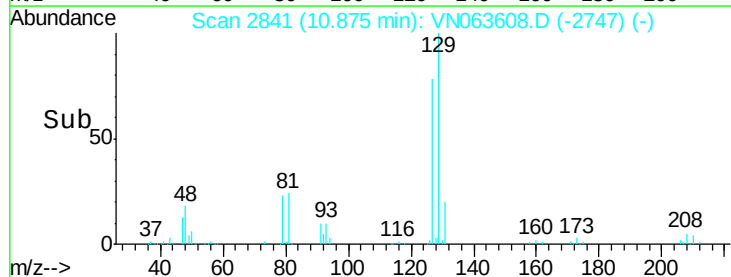
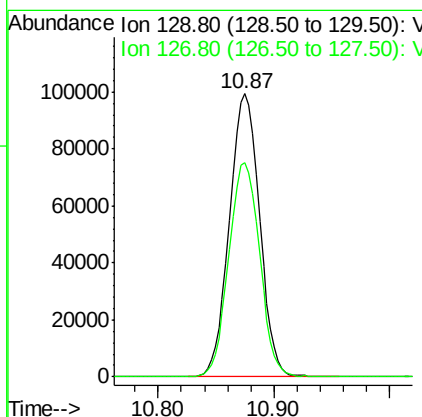
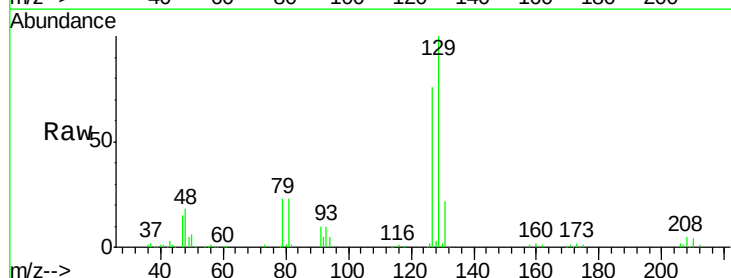
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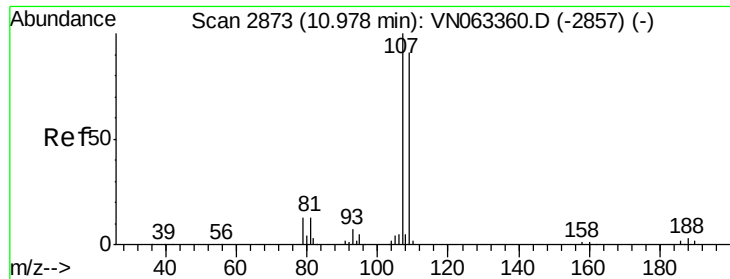
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#60  
Dibromochloromethane  
Concen: 53.806 ug/l  
RT: 10.87 min Scan# 2841  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Tgt Ion: 129 Resp: 178574  
Ion Ratio Lower Upper  
129 100  
127 77.4 39.1 117.3





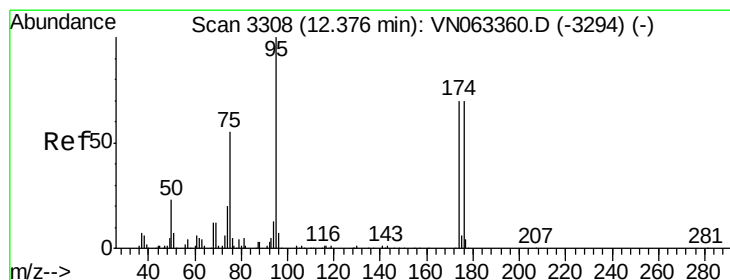
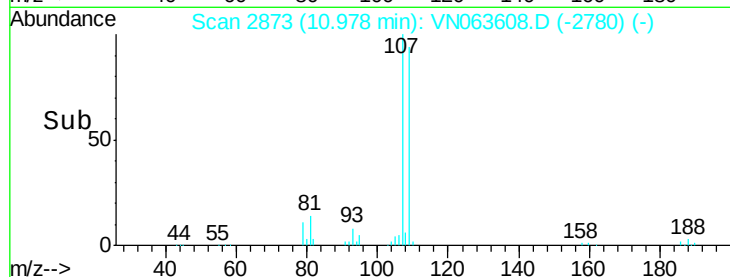
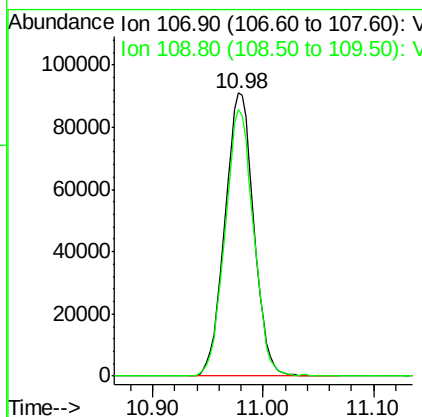
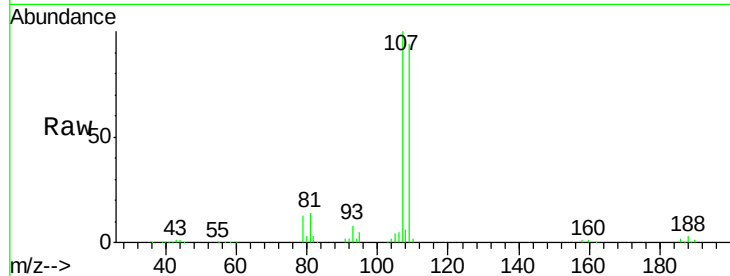
#61  
 1,2-Dibromoethane  
 Concen: 54.036 ug/l  
 RT: 10.98 min Scan# 2873  
 Delta R.T. -0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.0  | 74.6  | 111.8 |

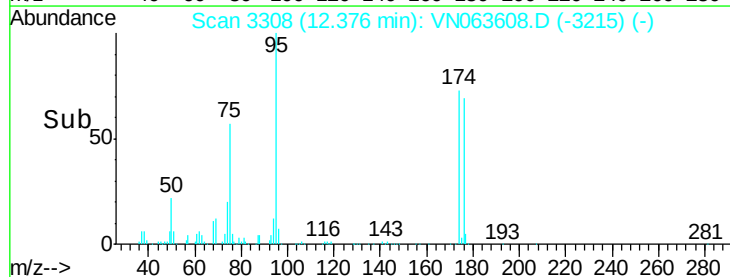
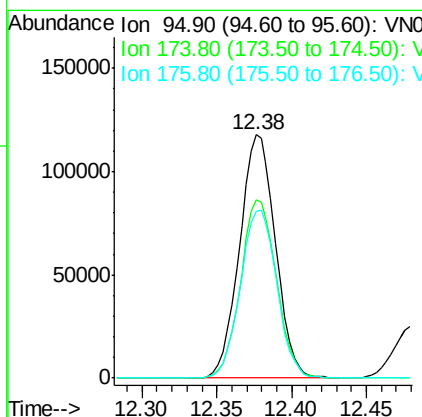
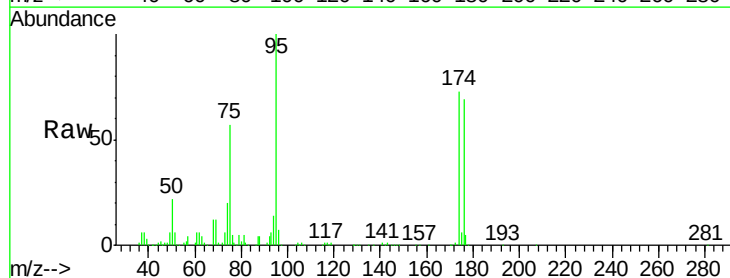
Manual Integrations  
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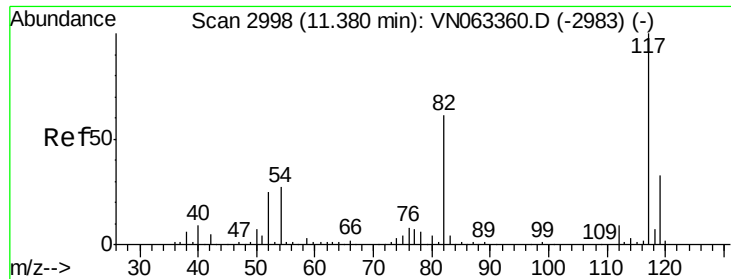
MMDadoda  
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#62  
 4-Bromofluorobenzene  
 Concen: 50.969 ug/l  
 RT: 12.38 min Scan# 3308  
 Delta R.T. -0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 73.1  | 0.0   | 140.8 |
| 176     | 70.1  | 0.0   | 137.6 |





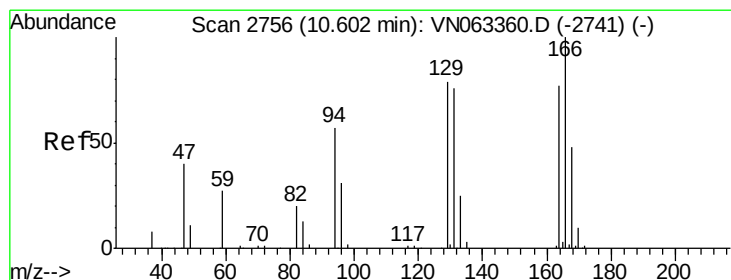
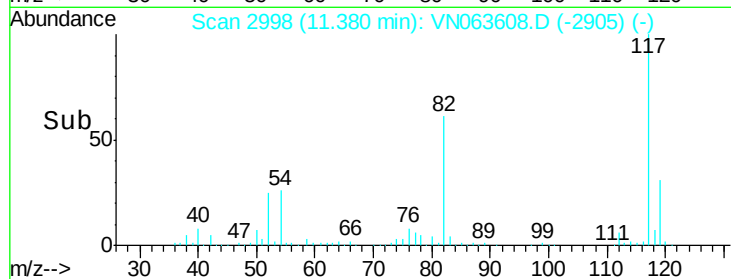
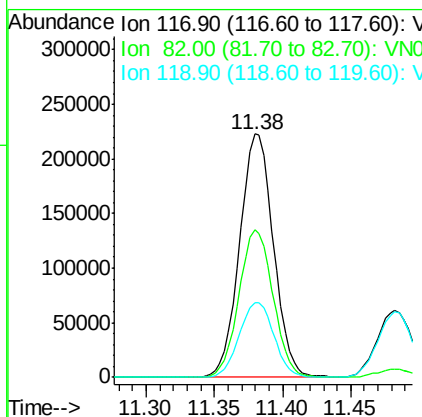
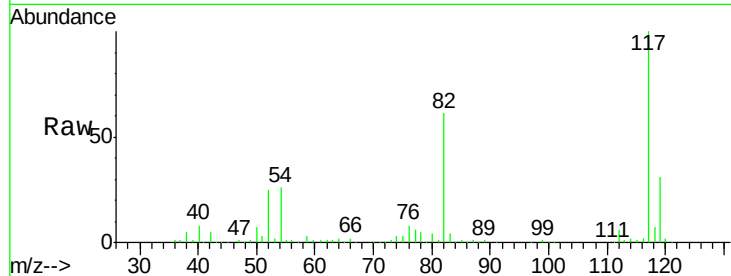
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. -0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 60.7  | 49.2  | 73.8  |
| 119     | 30.8  | 26.2  | 39.4  |

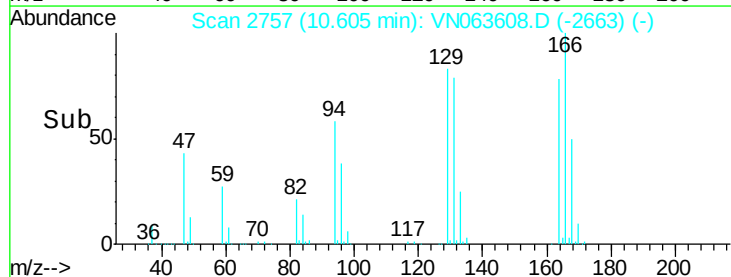
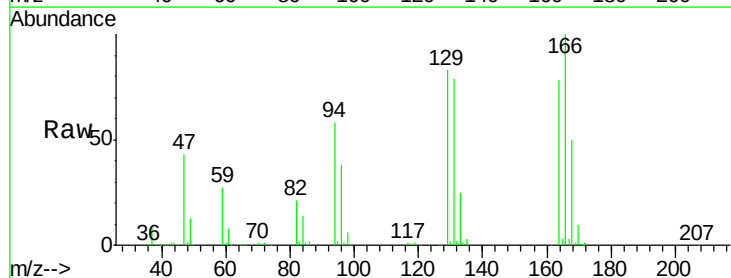
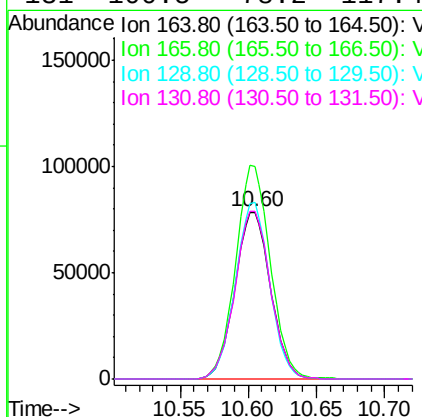
Manual Integrations  
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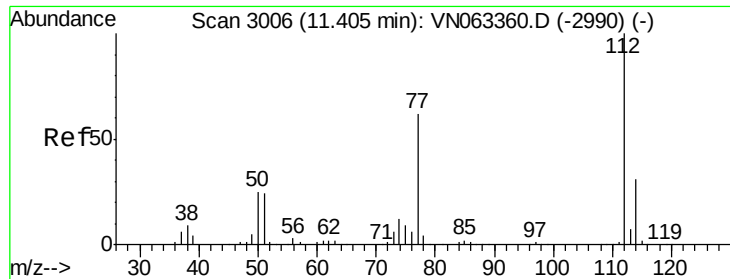
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 54.589 ug/l  
RT: 10.60 min Scan# 2757  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.5 | 103.4 | 155.0 |
| 129     | 105.7 | 81.8  | 122.6 |
| 131     | 100.5 | 78.2  | 117.4 |





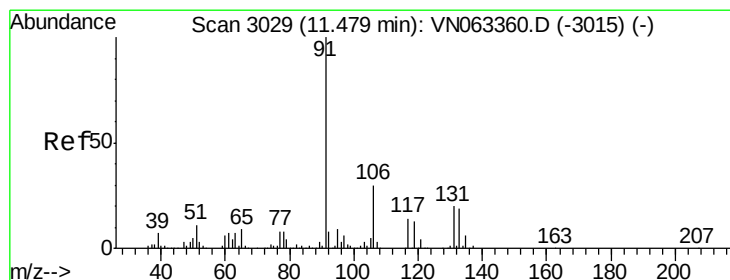
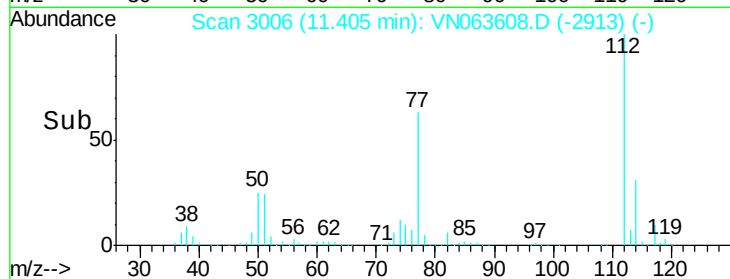
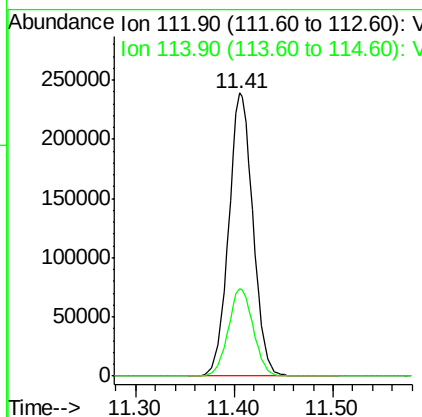
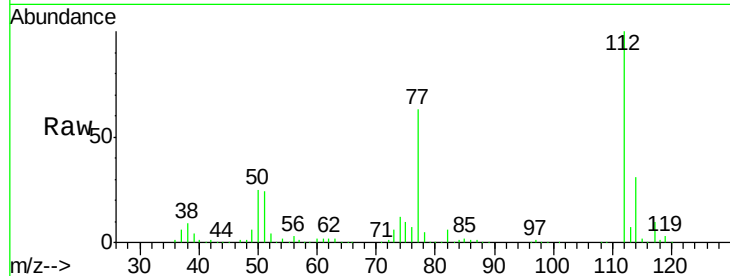
#65  
Chlorobenzene  
Concen: 50.324 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. -0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

Tot Ion:112 Resp: 410060  
Ion Ratio Lower Upper  
112 100  
114 31.1 25.0 37.6

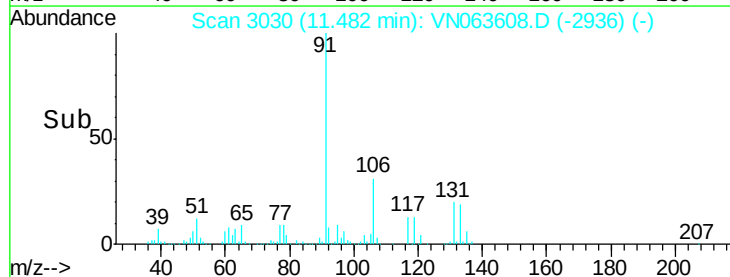
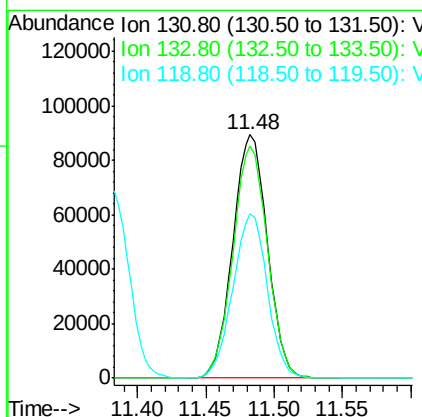
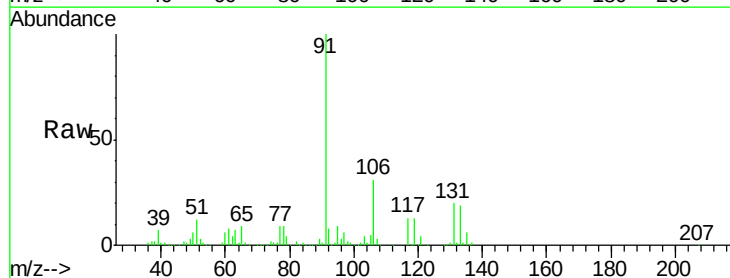
Manual Integrations  
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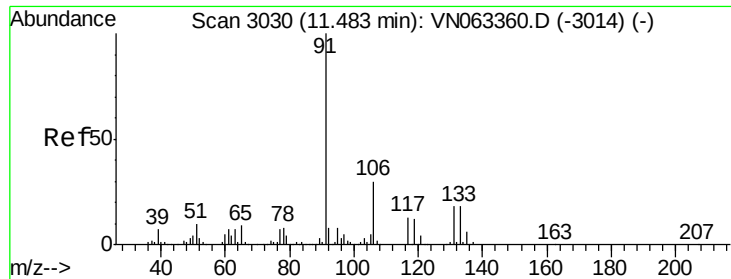
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.721 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Tgt Ion:131 Resp: 157472  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.3 141.9  
119 66.8 33.6 100.8





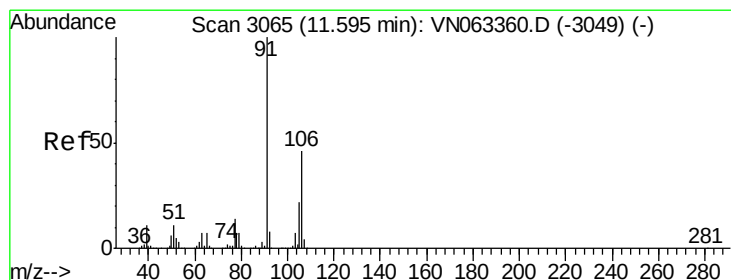
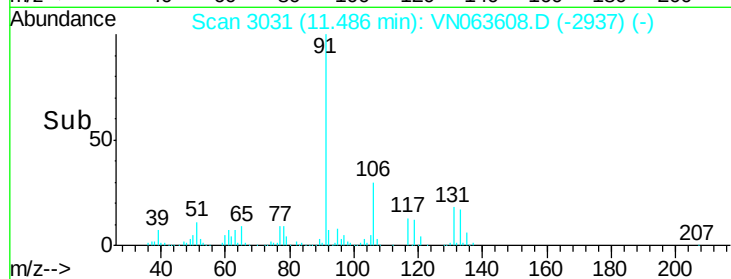
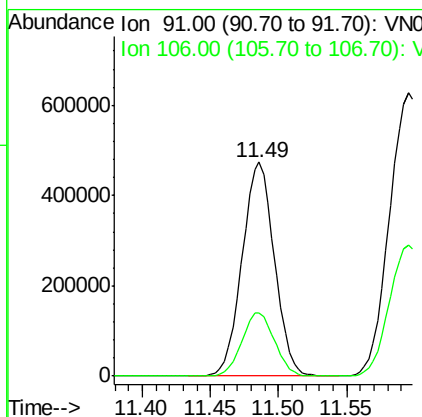
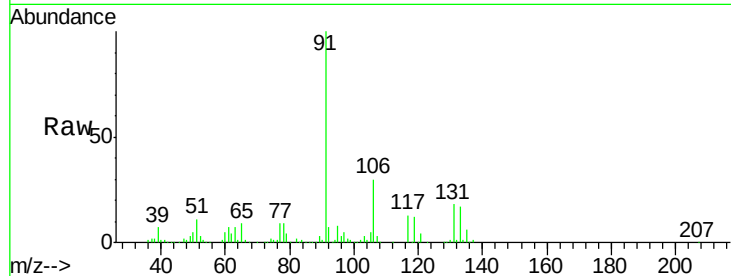
#67  
Ethyl Benzene  
Concen: 50.738 ug/l  
RT: 11.49 min Scan# 3031  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 778582  
Ion Ratio Lower Upper  
91 100  
106 29.7 23.8 35.6

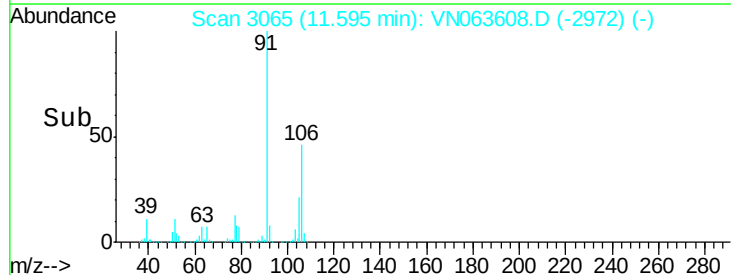
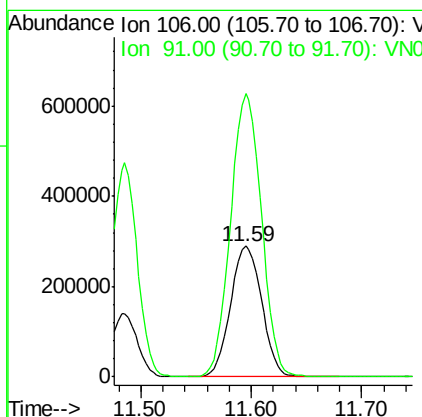
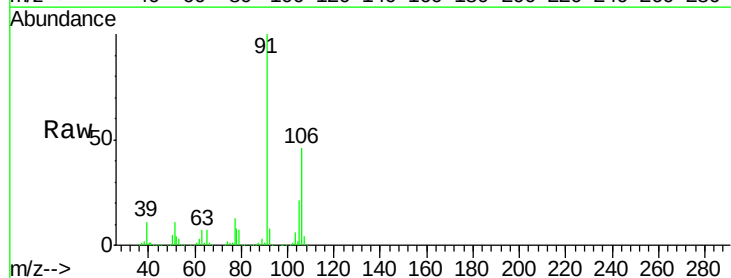
Manual Integrations  
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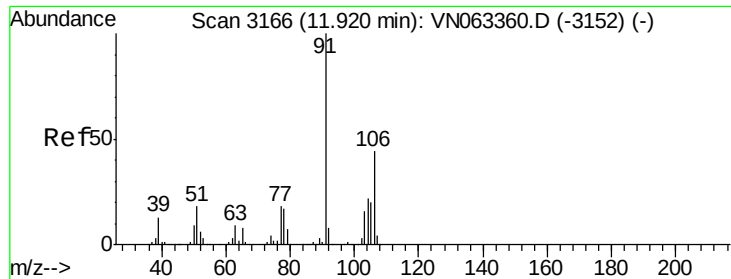
MMDadoda  
9/24/2020 1:38:20 PM



#68  
m/p-Xylenes  
Concen: 102.595 ug/l  
RT: 11.59 min Scan# 3065  
Delta R.T. -0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Tgt Ion: 106 Resp: 567625  
Ion Ratio Lower Upper  
106 100  
91 214.1 171.2 256.8





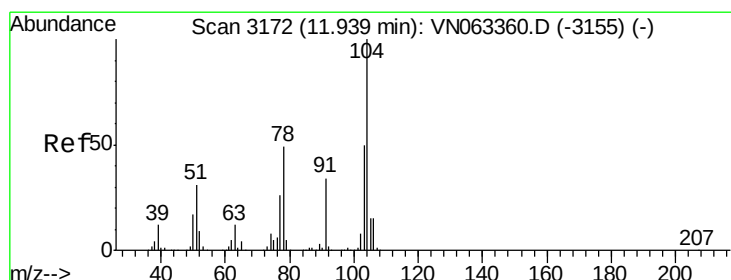
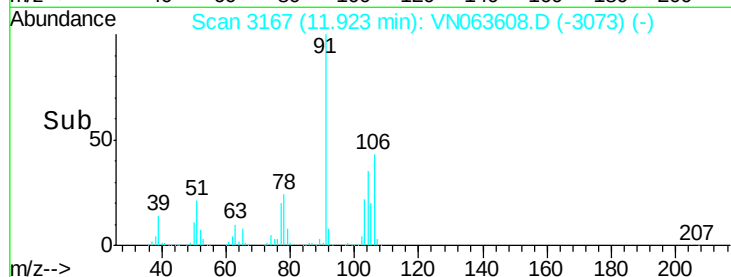
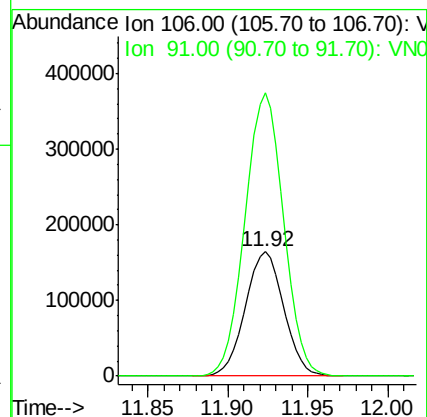
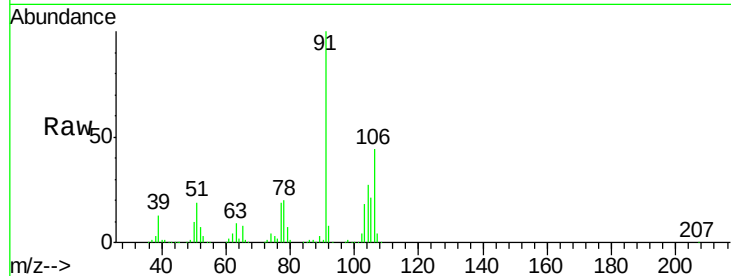
#69  
o-Xylene  
Concen: 51.120 ug/l  
RT: 11.92 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 269426 |       |       |
| 91      | 228.7 | 113.6 | 340.8  |       |       |

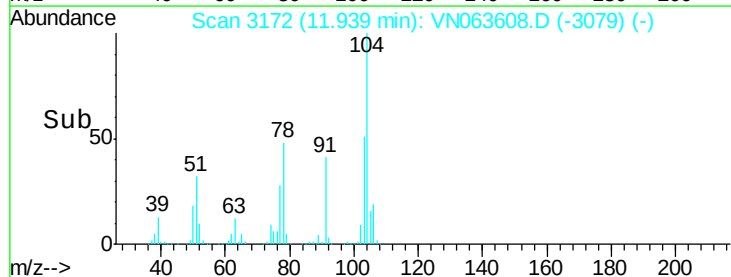
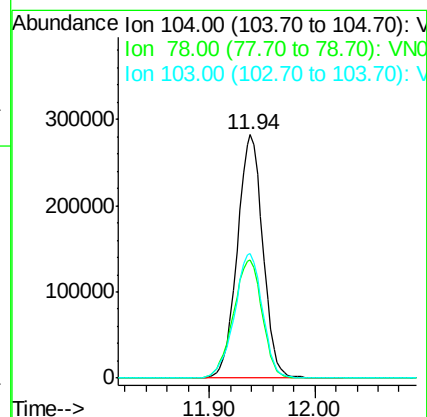
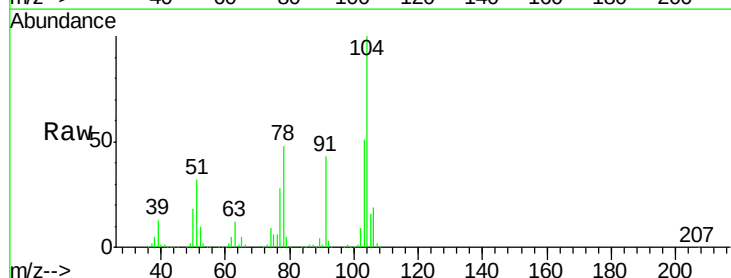
Manual Integrations  
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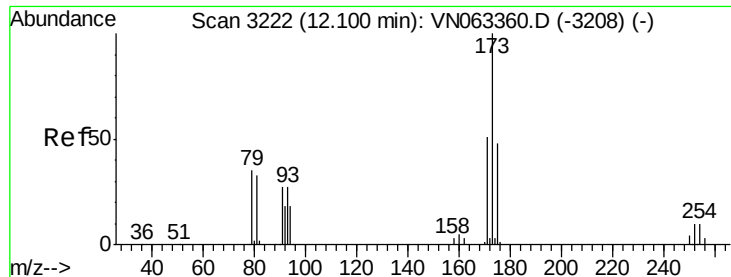


#70  
Styrene  
Concen: 53.533 ug/l  
RT: 11.94 min Scan# 3172  
Delta R.T. -0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 473144 |       |       |
| 78      | 54.6 | 44.4  | 66.6   |       |       |
| 103     | 56.0 | 43.7  | 65.5   |       |       |







#71

Bromoform

Concen: 53.663 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

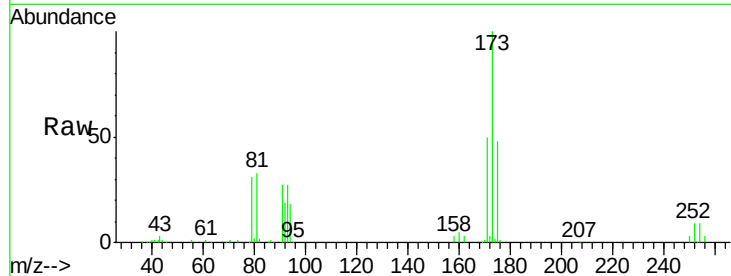
ClientSampleId :

VSTDCCC050

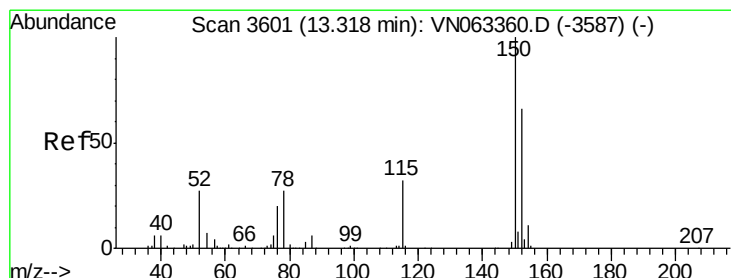
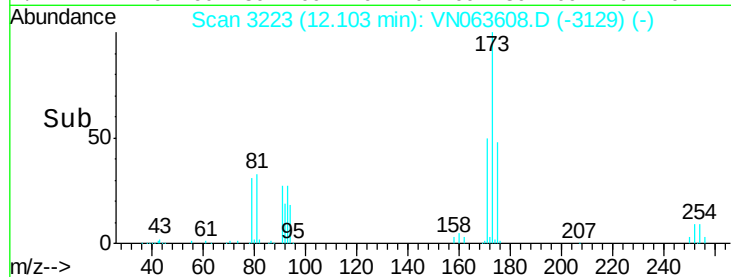
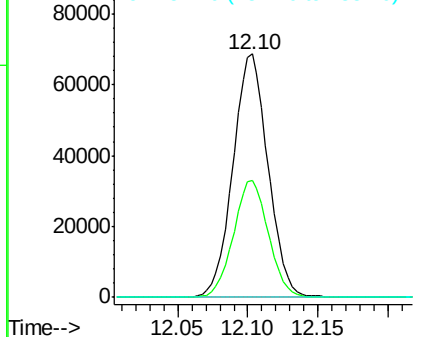
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 119410 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 47.9  | 24.0  | 72.0   |
| 254       | 0.0   | 0.0   | 0.0    |

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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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

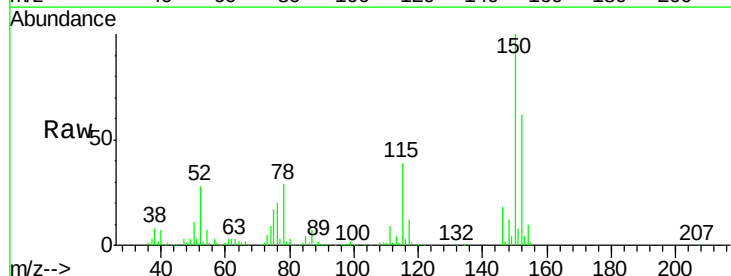
RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

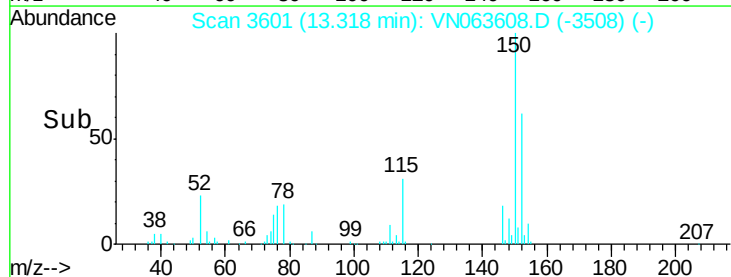
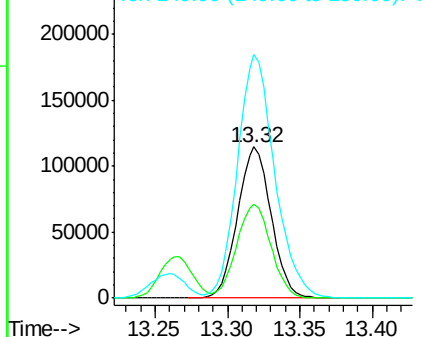
Lab File: VN063608.D

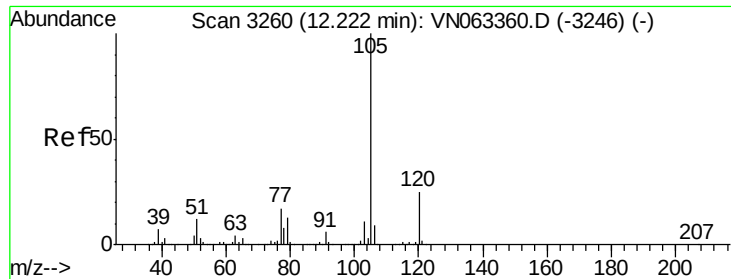
Acq: 23 Sep 2020 23:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 184316 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 63.1  | 32.2  | 96.6   |
| 150       | 178.4 | 0.0   | 343.4  |



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: 50.403 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 744453

Ion Ratio Lower Upper

105 100

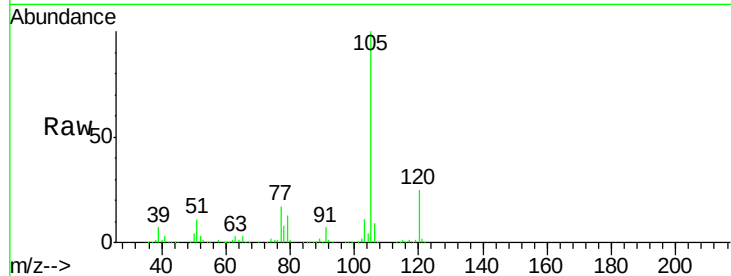
120 25.3 12.7 38.0

Manual Integrations

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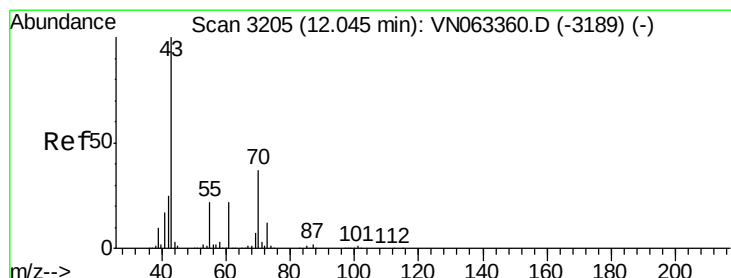
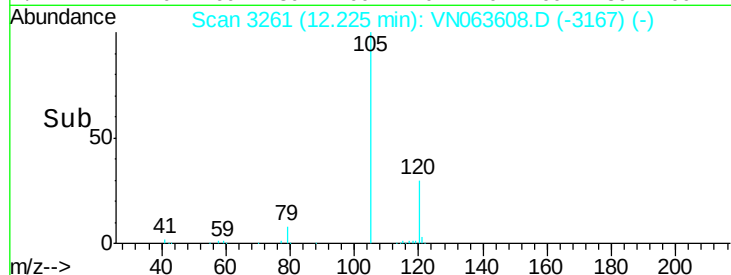
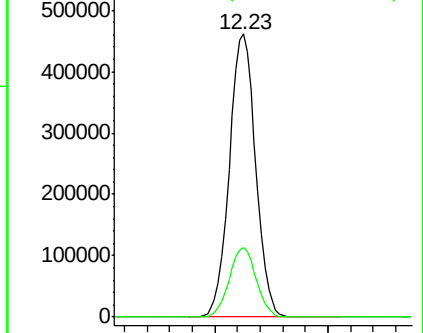
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.153 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Tgt Ion: 43 Resp: 343662

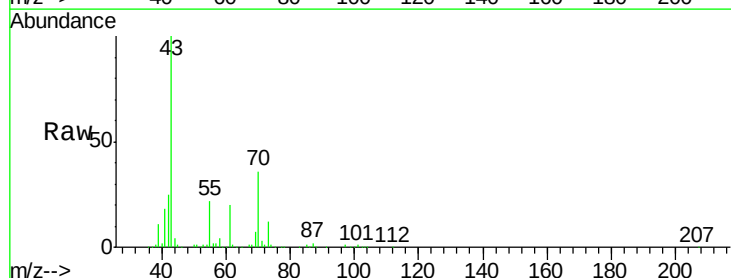
Ion Ratio Lower Upper

43 100

70 36.5 29.6 44.4

55 22.0 17.7 26.5

61 20.5 17.4 26.2

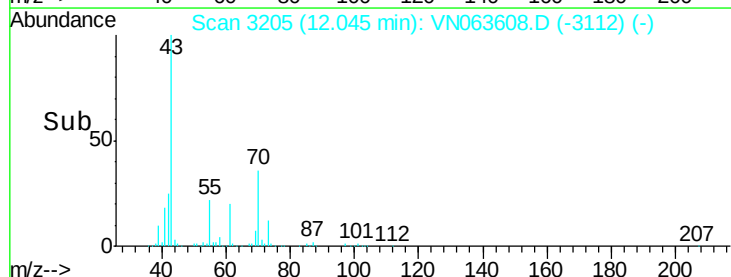
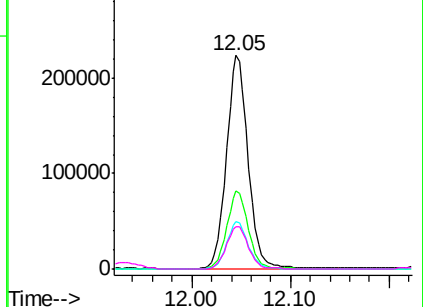


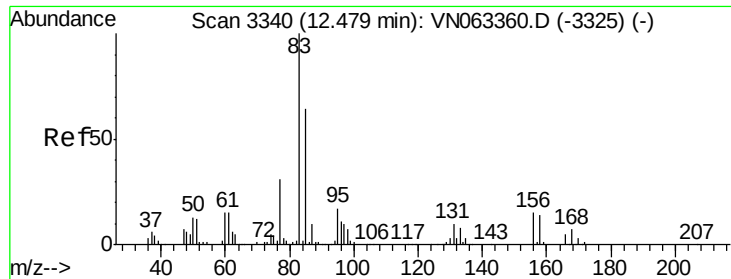
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.081 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 229033  
Ion Ratio Lower Upper

83 100

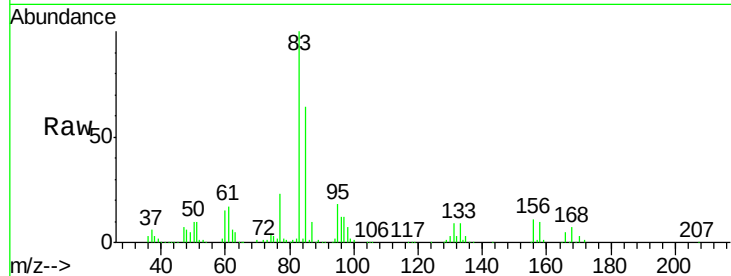
131 9.9 4.9 14.7

85 64.5 32.0 96.0

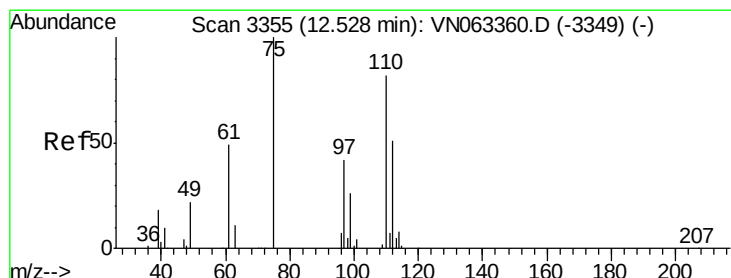
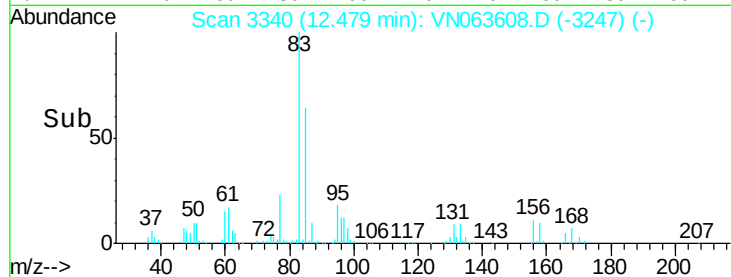
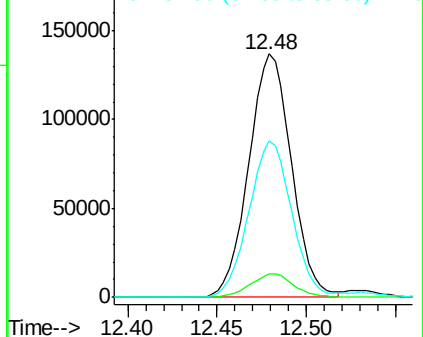
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Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)  
Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)  
Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 47.359 ug/l m

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

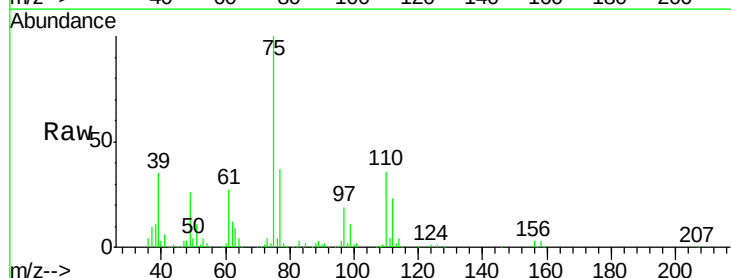
Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

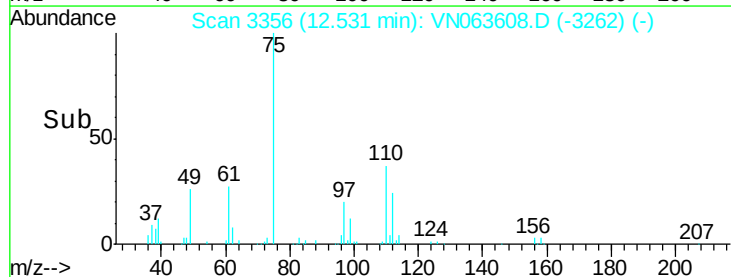
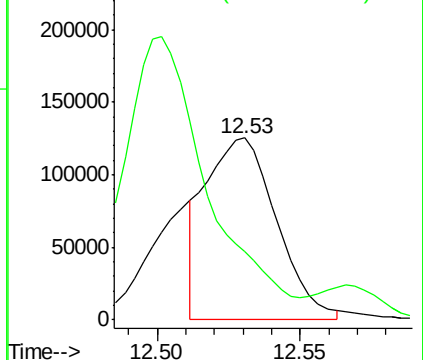
Tgt Ion: 75 Resp: 216054  
Ion Ratio Lower Upper

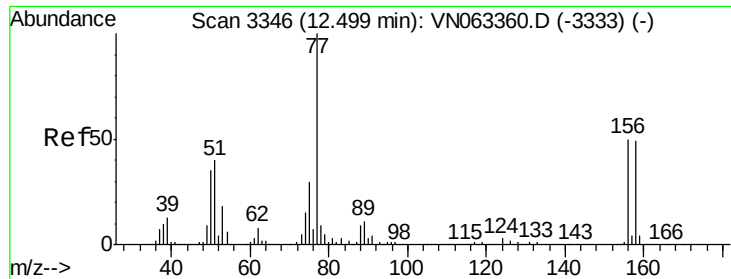
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)  
Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 52.643 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 174903

Ion Ratio Lower Upper

156 100

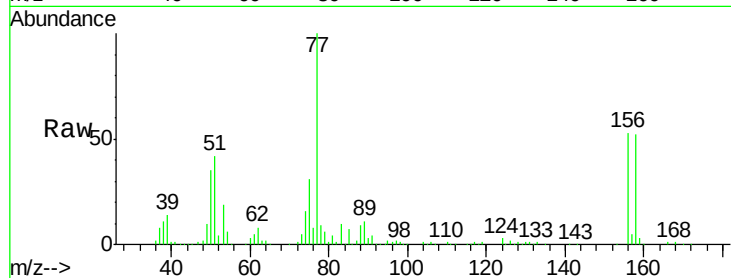
77 229.6 120.2 360.6

158 97.1 48.9 146.6

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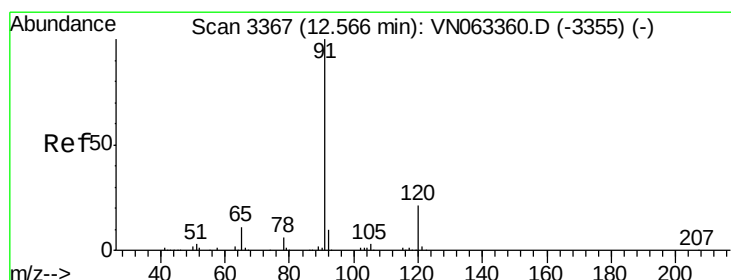
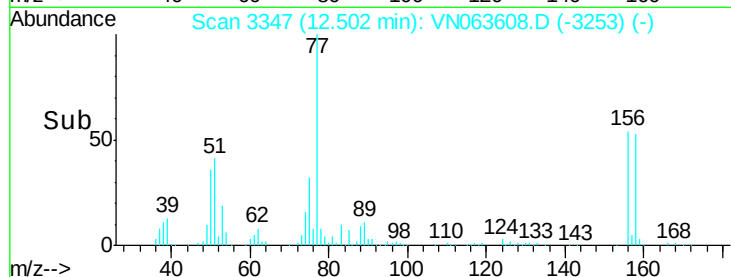
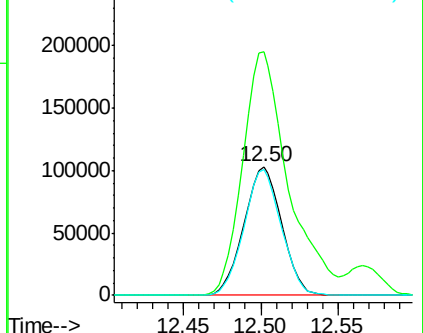
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.947 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063608.D

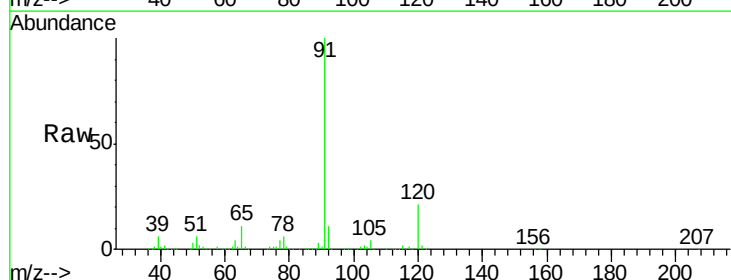
Acq: 23 Sep 2020 23:17

Tgt Ion: 91 Resp: 859236

Ion Ratio Lower Upper

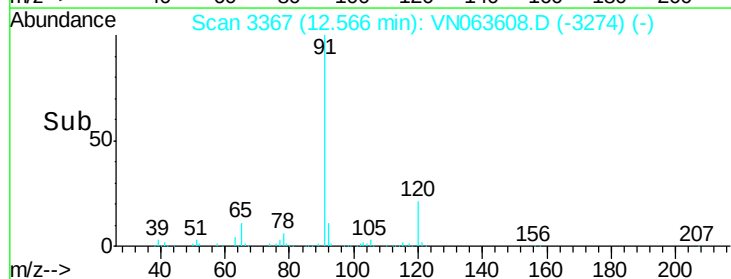
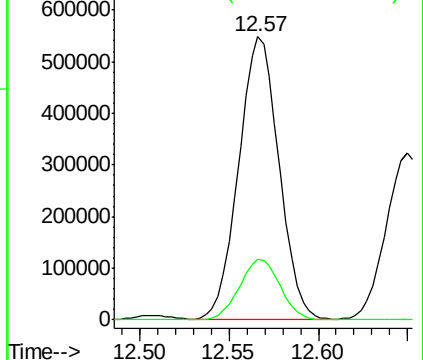
91 100

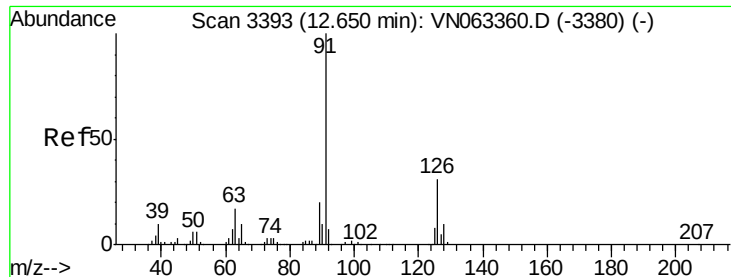
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.218 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 528176

Ion Ratio Lower Upper

91 100

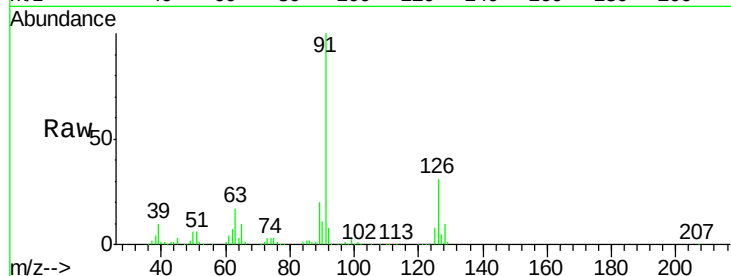
126 31.3 15.8 47.3

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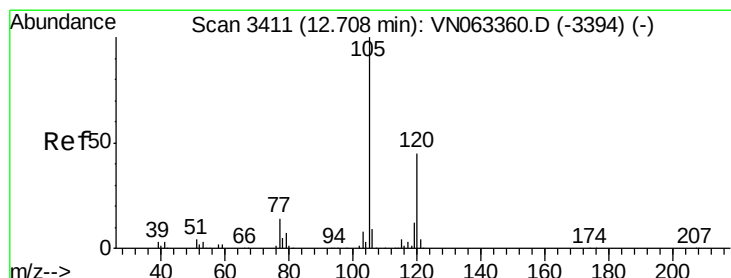
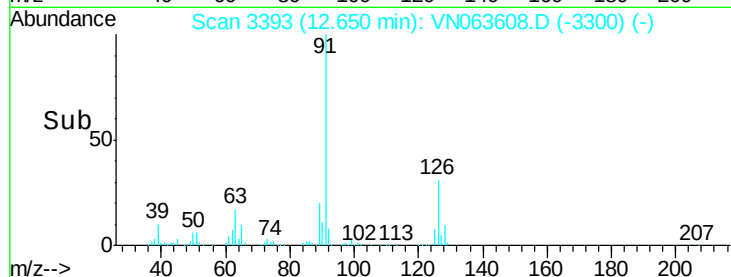
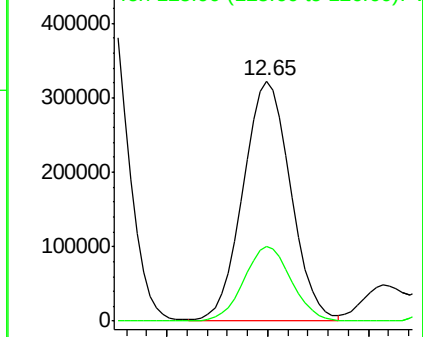
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Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.157 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063608.D

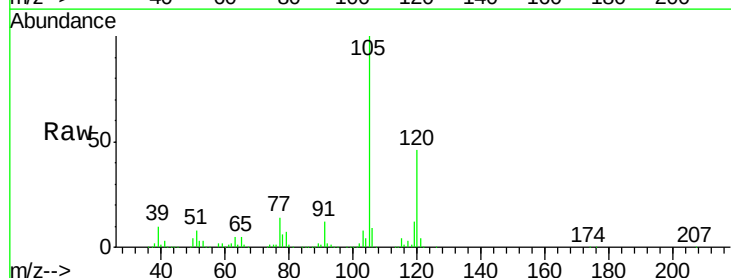
Acq: 23 Sep 2020 23:17

Tgt Ion: 105 Resp: 630060

Ion Ratio Lower Upper

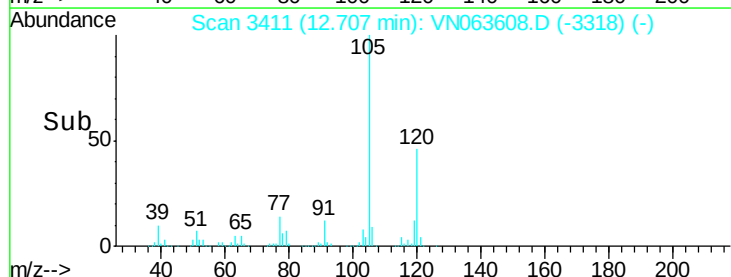
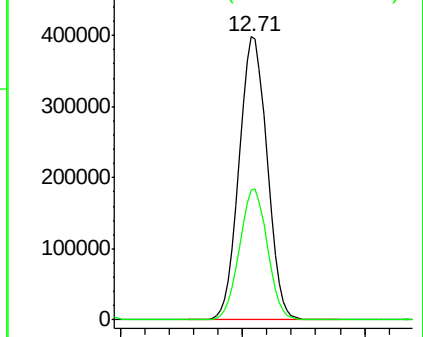
105 100

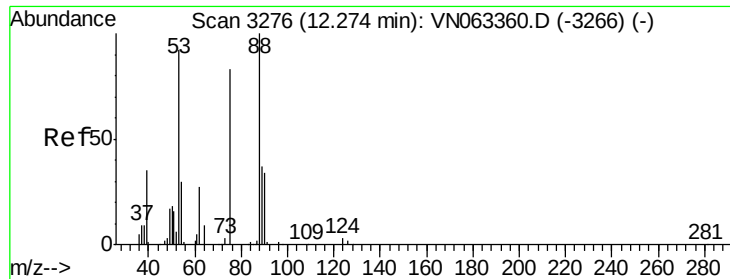
120 45.7 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)





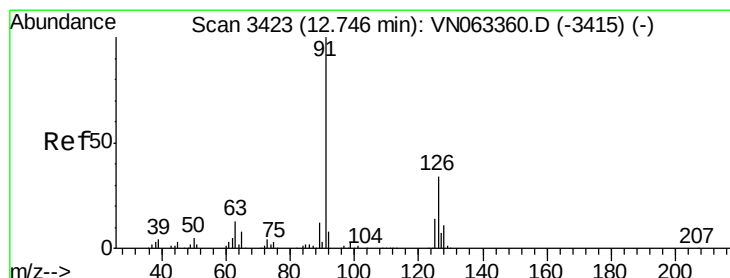
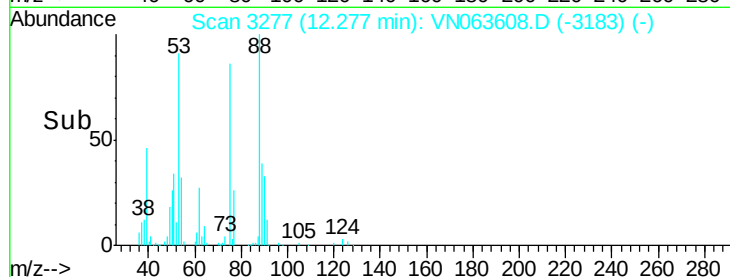
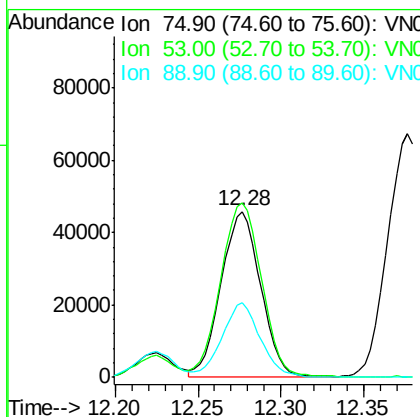
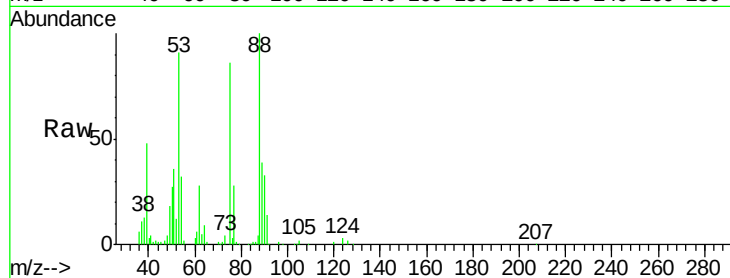
#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.033 ug/l  
RT: 12.28 min Scan# 3277  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 107.6 | 85.7  | 128.5 |
| 89      | 43.2  | 38.0  | 57.0  |

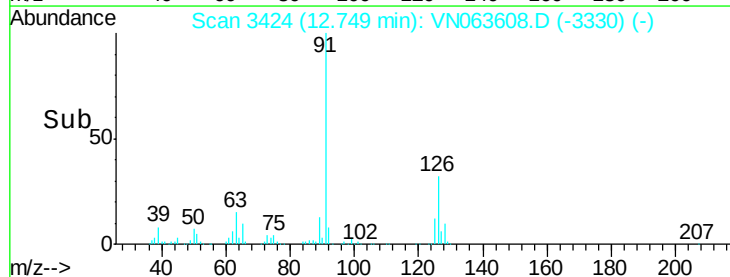
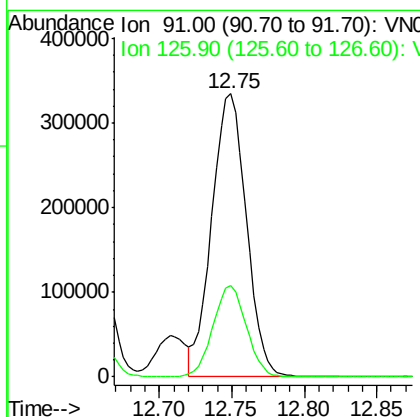
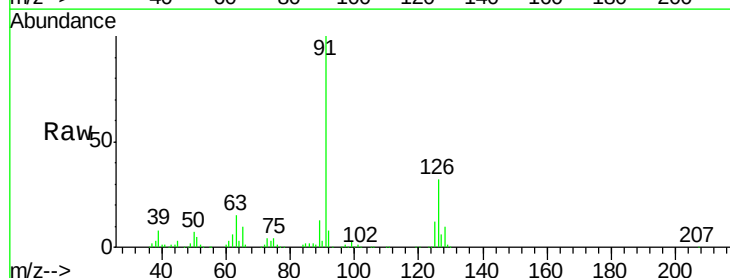
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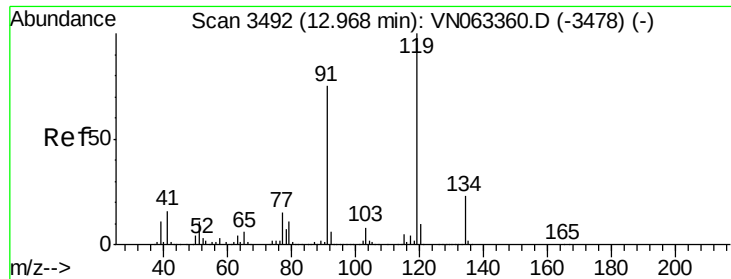
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#82  
4-Chlorotoluene  
Concen: 50.575 ug/l  
RT: 12.75 min Scan# 3424  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.2  | 15.5  | 46.5  |





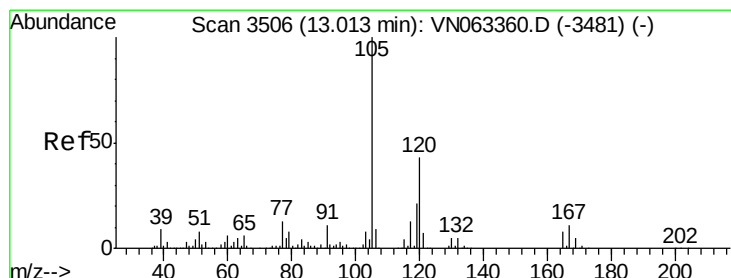
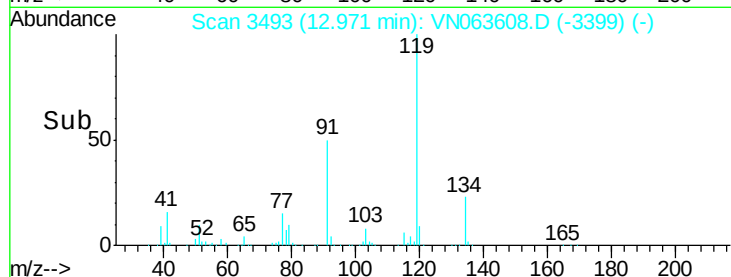
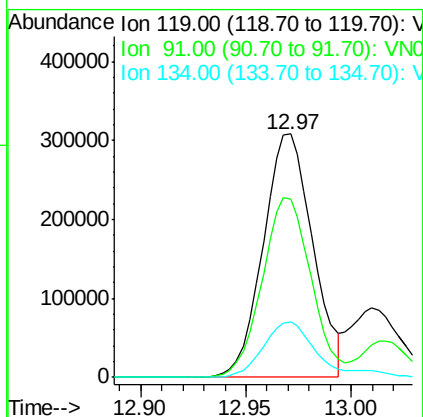
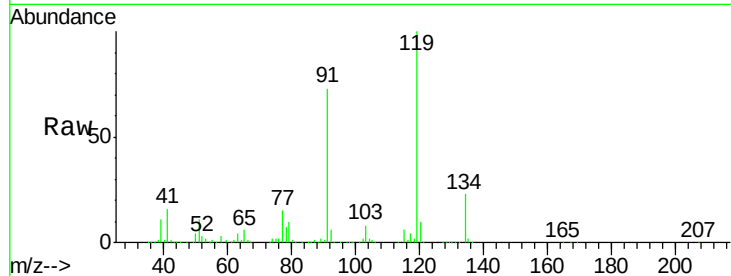
#83  
 tert-Butylbenzene  
 Concen: 49.657 ug/l  
 RT: 12.97 min Scan# 3493  
 Delta R.T. 0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 72.5  | 36.3  | 108.9 |
| 134     | 23.1  | 12.3  | 36.8  |

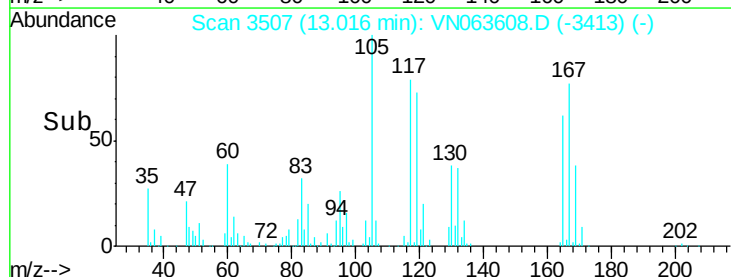
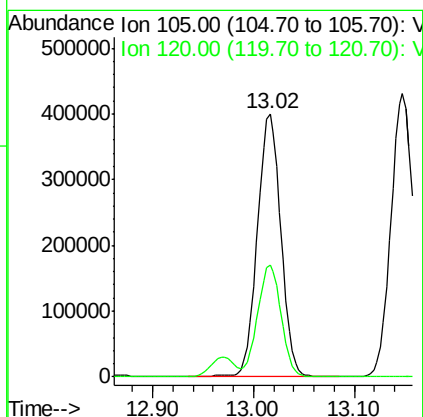
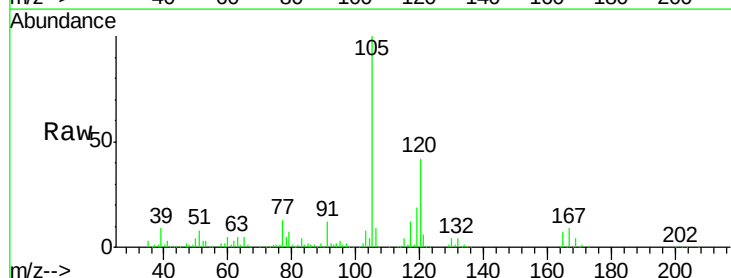
Manual Integrations  
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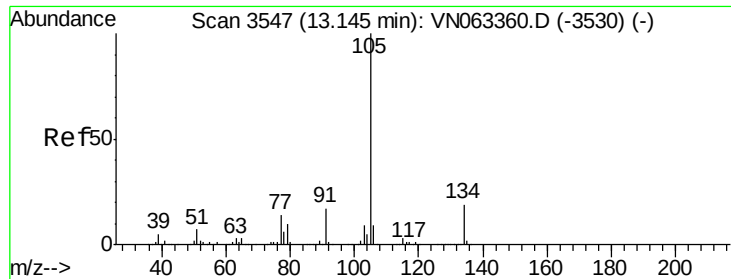
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.902 ug/l  
 RT: 13.02 min Scan# 3507  
 Delta R.T. 0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 42.3  | 21.3  | 63.9  |





#85

sec-Butylbenzene

Concen: 49.707 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 676354

Ion Ratio Lower Upper

105 100

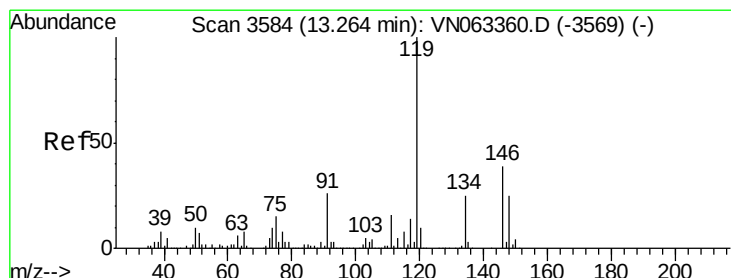
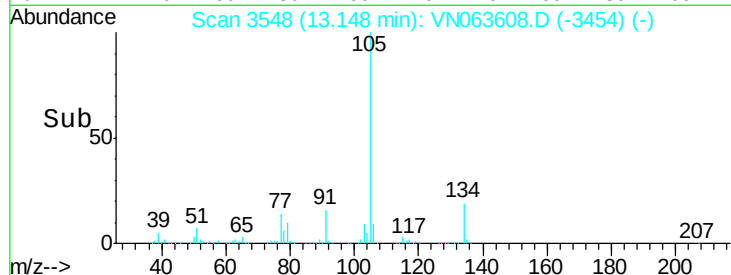
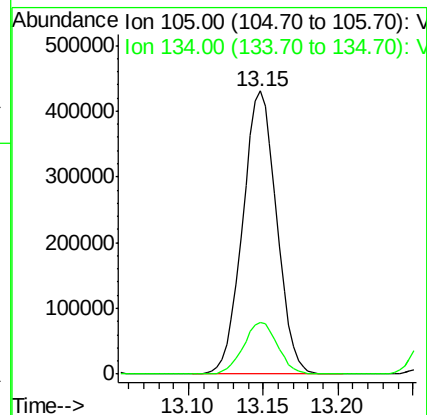
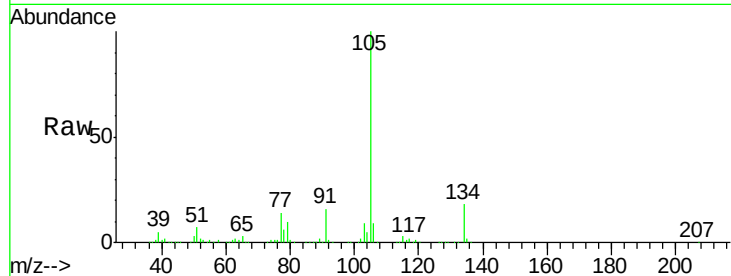
134 18.5 9.3 27.7

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 49.862 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

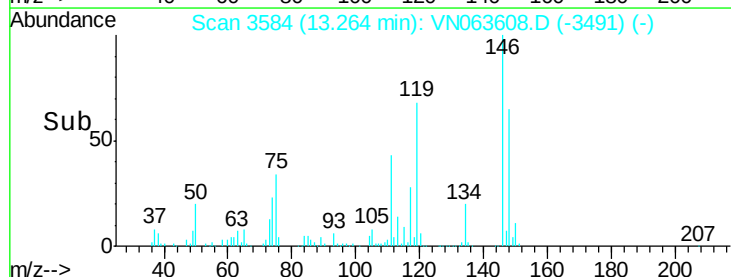
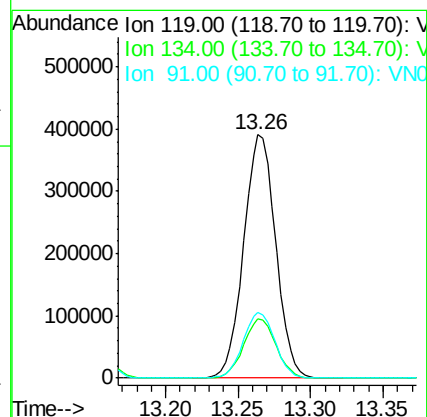
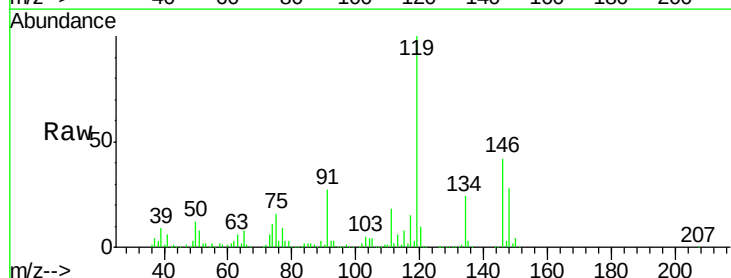
Tgt Ion:119 Resp: 598414

Ion Ratio Lower Upper

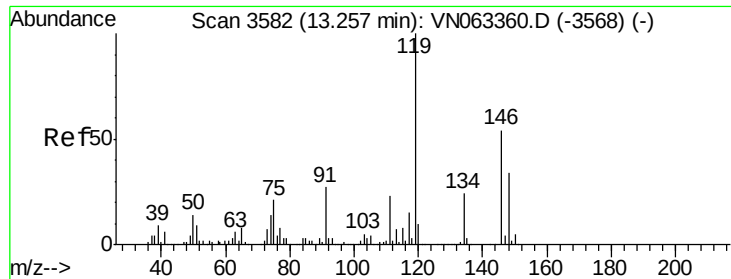
119 100

134 24.9 12.5 37.5

91 26.9 13.4 40.1







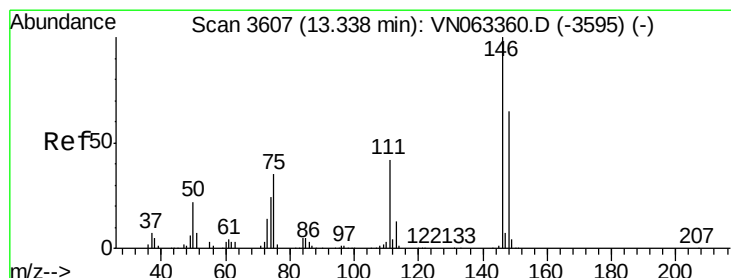
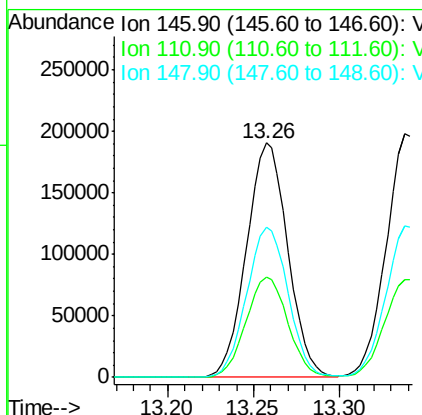
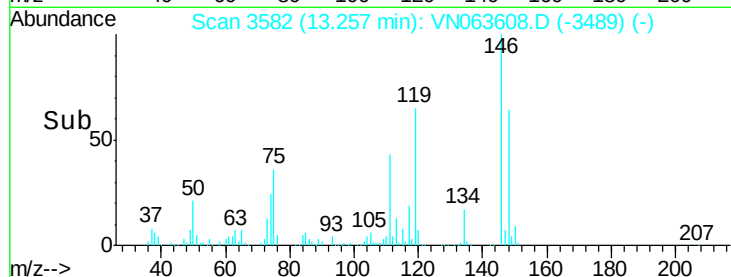
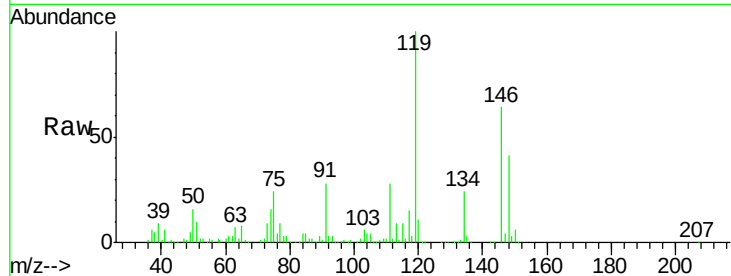
#87  
 1,3-Dichlorobenzene  
 Concen: 51.420 ug/l  
 RT: 13.26 min Scan# 3582  
 Delta R.T. -0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 316645 |       |       |
| 111     | 43.3  | 21.4   | 64.3  |       |
| 148     | 64.6  | 31.9   | 95.7  |       |

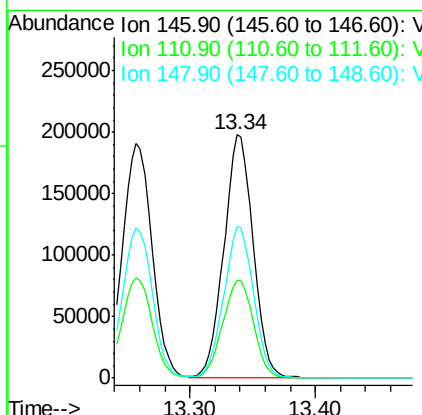
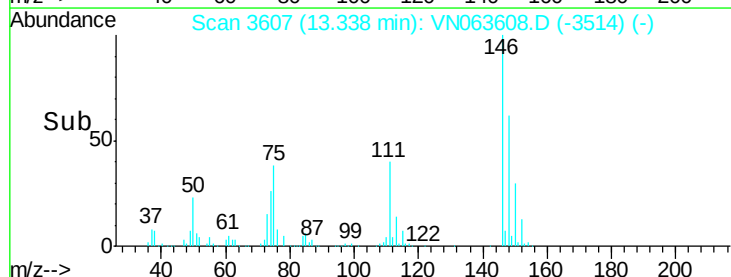
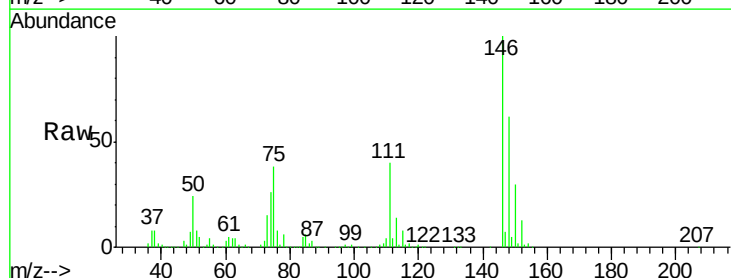
Manual Integrations  
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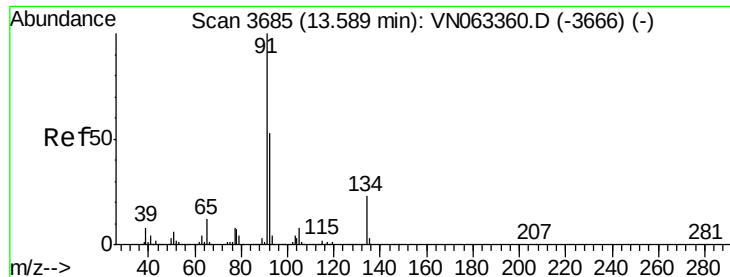
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 51.155 ug/l  
 RT: 13.34 min Scan# 3607  
 Delta R.T. -0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 320276 |       |       |
| 111     | 41.9  | 21.2   | 63.6  |       |
| 148     | 63.4  | 31.9   | 95.9  |       |





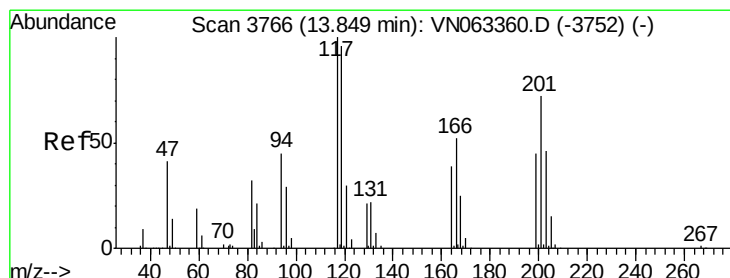
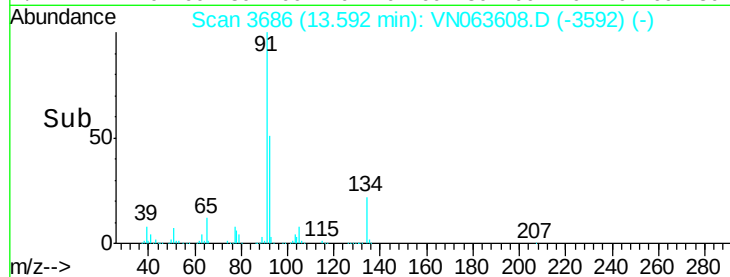
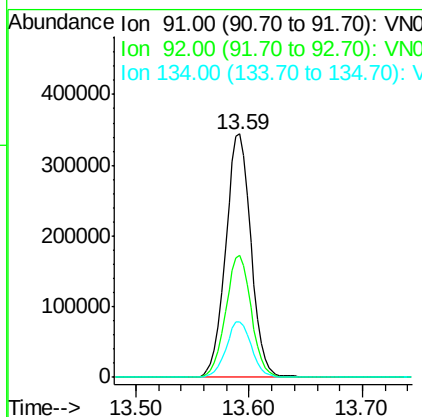
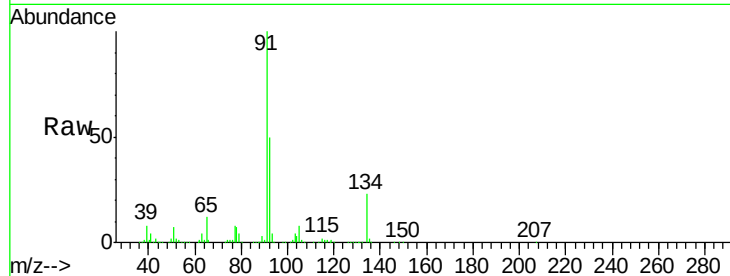
#89  
n-Butylbenzene  
Concen: 48.464 ug/l  
RT: 13.59 min Scan# 3686  
Delta R.T. 0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 50.5  | 26.0  | 78.0  |
| 134     | 23.0  | 11.7  | 35.0  |

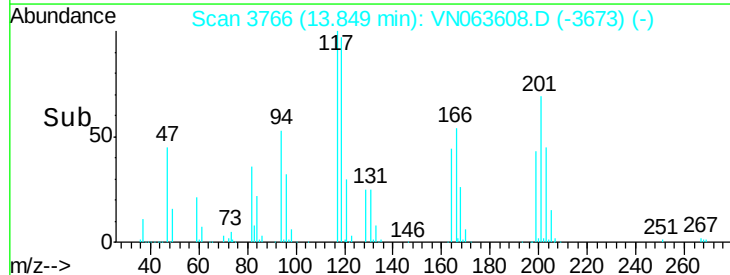
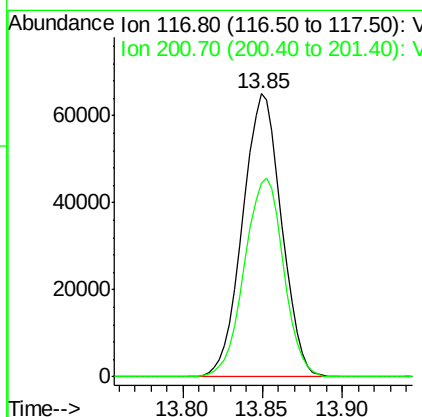
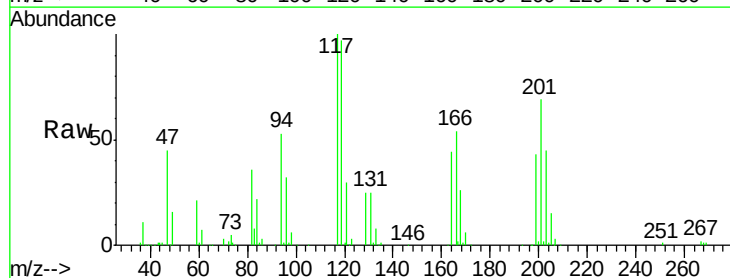
Manual Integrations  
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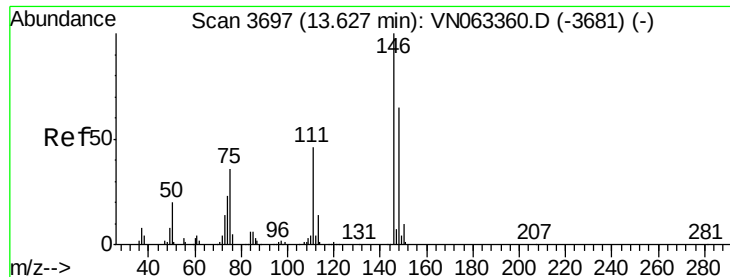
MMDadoda  
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#90  
Hexachloroethane  
Concen: 47.248 ug/l  
RT: 13.85 min Scan# 3766  
Delta R.T. -0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 70.5  | 35.5  | 106.7 |





#91

1,2-Dichlorobenzene

Concen: 52.419 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

Instrument :

MSVOA\_N

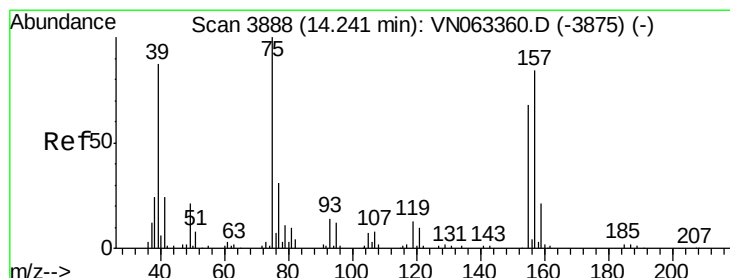
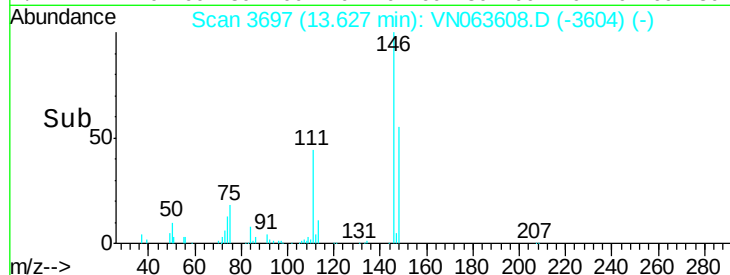
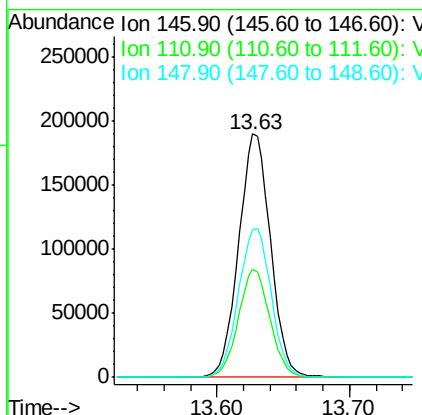
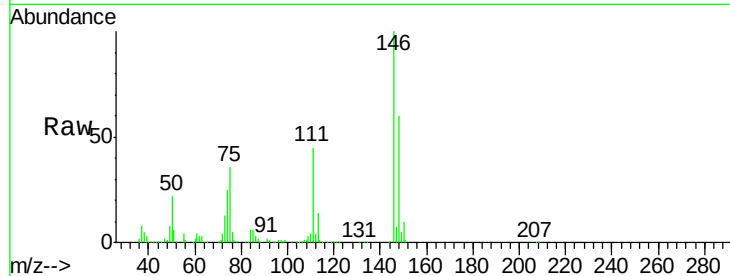
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 316915 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 43.9  | 22.4  | 67.2   |
| 148       | 62.7  | 32.0  | 96.0   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.622 ug/l

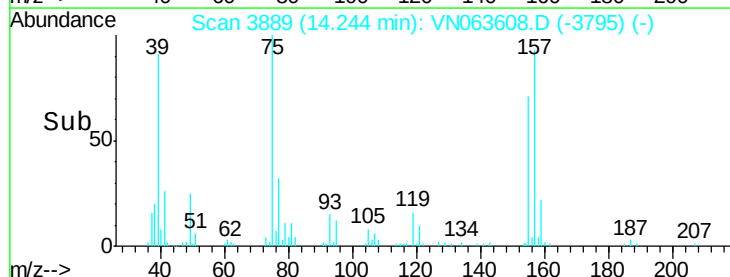
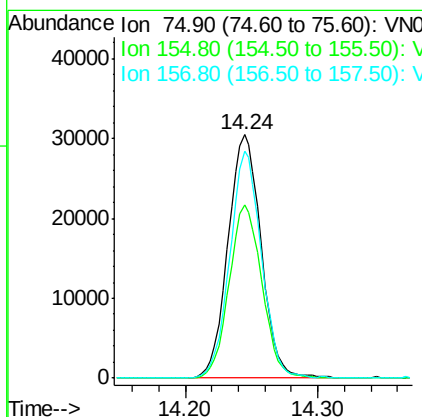
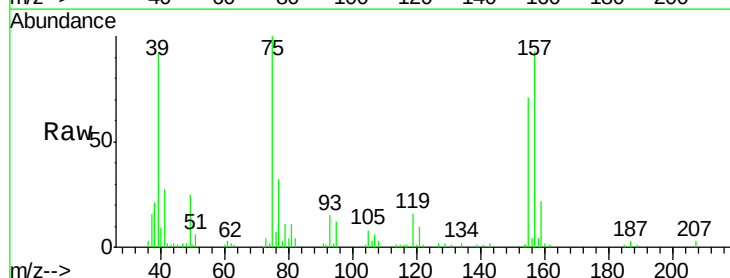
RT: 14.24 min Scan# 3889

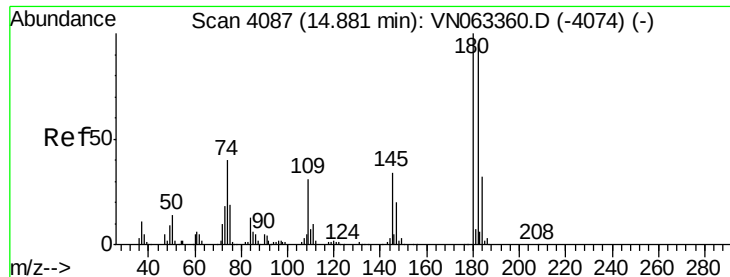
Delta R.T. 0.00 min

Lab File: VN063608.D

Acq: 23 Sep 2020 23:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 52950 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 70.0  | 34.6  | 103.9 |
| 157       | 88.5  | 43.7  | 131.1 |





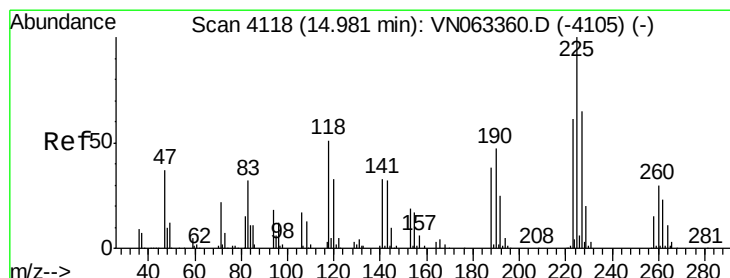
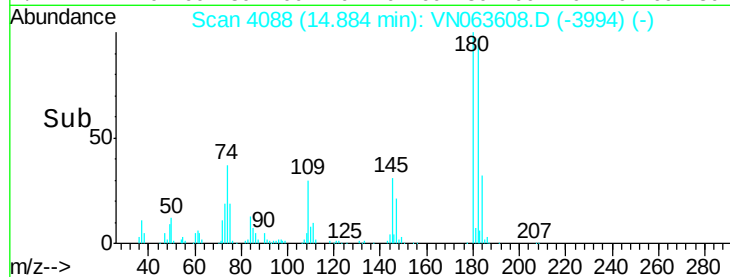
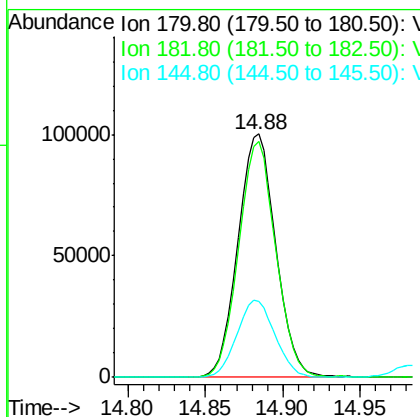
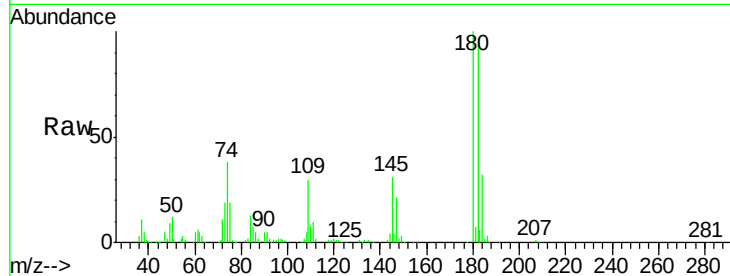
#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.787 ug/l  
 RT: 14.88 min Scan# 4088  
 Delta R.T. 0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 170321 |       |       |
| 182     | 95.0  | 47.3   | 142.0 |       |
| 145     | 31.9  | 16.6   | 49.7  |       |

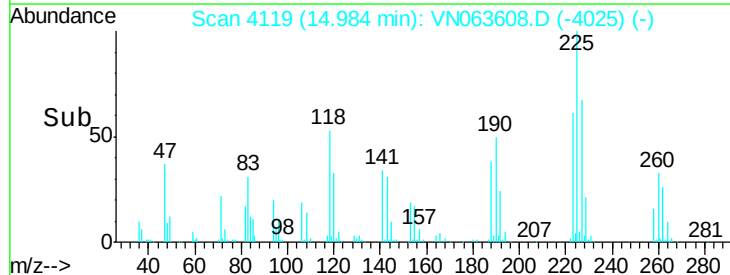
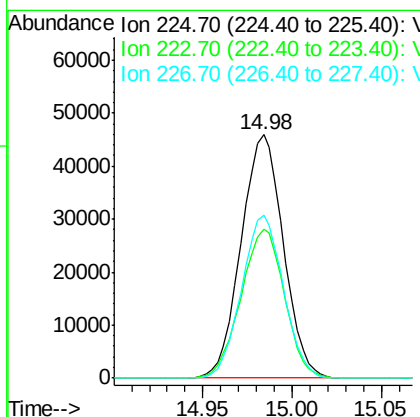
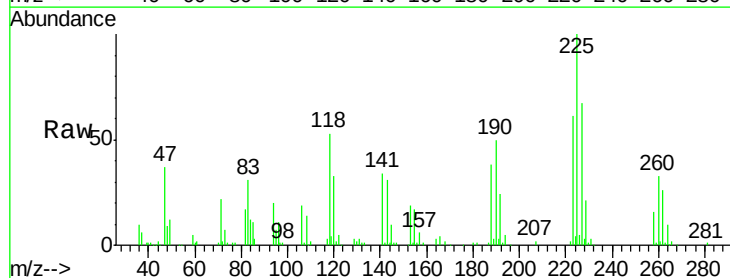
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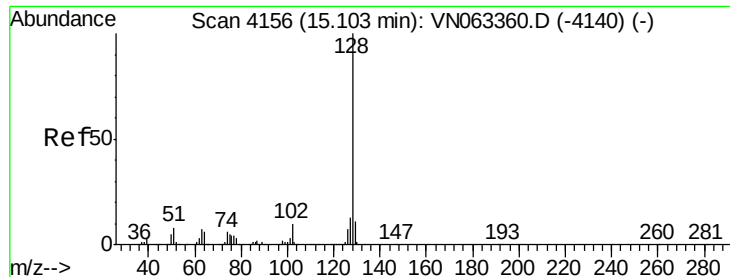
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#94  
 Hexachlorobutadiene  
 Concen: 51.557 ug/l  
 RT: 14.98 min Scan# 4119  
 Delta R.T. 0.00 min  
 Lab File: VN063608.D  
 Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 76075 |       |       |
| 223     | 62.8  | 30.6  | 91.6  |       |
| 227     | 66.2  | 31.2  | 93.6  |       |





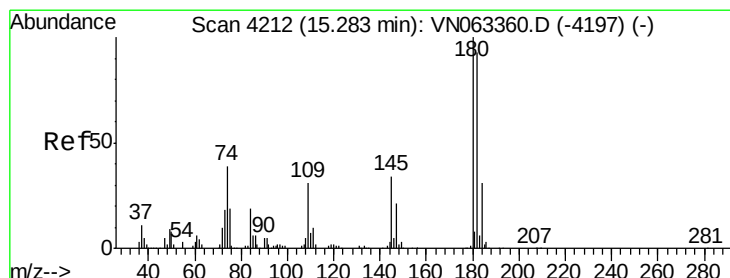
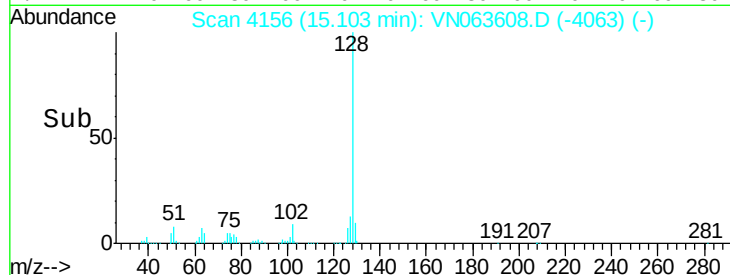
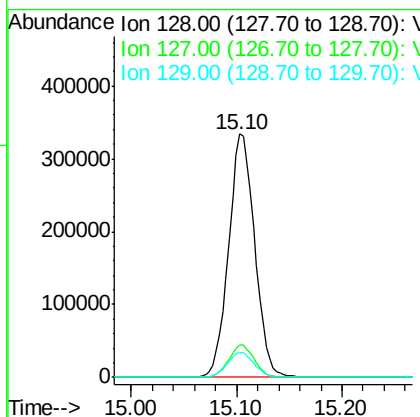
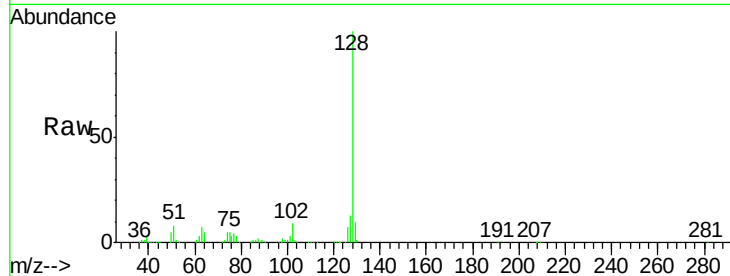
#95  
Naphthalene  
Concen: 48.452 ug/l  
RT: 15.10 min Scan# 4156  
Delta R.T. -0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 570539 |       |       |
| 127     | 13.2  |        | 10.6  | 15.8  |
| 129     | 10.5  |        | 8.8   | 13.2  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 48.510 ug/l  
RT: 15.28 min Scan# 4212  
Delta R.T. -0.00 min  
Lab File: VN063608.D  
Acq: 23 Sep 2020 23:17

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 167058 |       |       |
| 182     | 95.5  |        | 46.7  | 140.1 |
| 145     | 34.5  |        | 16.8  | 50.3  |

