

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\  
 Data File : VN064188.D  
 Acq On : 17 Oct 2020 00:39  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 10/19/2020 4:23:15 PM

Quant Time: Oct 17 03:20:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101420W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 15 01:16:44 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.62  | 168  | 496015   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 856387   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 781225   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 371981   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 393928   | 55.76 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 111.52% |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 292946   | 49.42 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.84%  |      |
| 50) Toluene-d8            | 10.06  | 98  | 1129983  | 50.52 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.04% |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 383554   | 49.89 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.78%  |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 238857  | 51.111  | ug/l   | 99     |
| 3) Chloromethane              | 2.03 | 50  | 317031  | 54.465  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 351330  | 48.490  | ug/l   | 96     |
| 5) Bromomethane               | 2.54 | 94  | 289771  | 53.293  | ug/l   | 96     |
| 6) Chloroethane               | 2.68 | 64  | 250491  | 43.486  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 466954  | 46.857  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.37 | 74  | 165097  | 52.953  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 250654  | 51.237  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.91 | 142 | 312170  | 45.263  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.76 | 59  | 175842  | 224.810 | ug/l   | 97     |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 232178  | 46.997  | ug/l   | 91     |
| 13) Acrolein                  | 3.58 | 56  | 41408   | 64.452  | ug/l   | 94     |
| 14) Allyl chloride            | 4.28 | 41  | 409097  | 53.073  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.94 | 53  | 595533  | 265.172 | ug/l   | 99     |
| 16) Acetone                   | 3.79 | 43  | 546999  | 261.049 | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.01 | 76  | 709788  | 50.267  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.28 | 43  | 335673  | 63.862  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 750502  | 51.504  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.50 | 84  | 302358  | 46.634  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 274321  | 48.977  | ug/l   | 89     |
| 22) Diisopropyl ether         | 5.90 | 45  | 880323  | 58.789  | ug/l   | 96     |
| 23) Vinyl Acetate             | 5.84 | 43  | 3977929 | 297.398 | ug/l   | 96     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 548663  | 52.468  | ug/l   | 99     |
| 25) 2-Butanone                | 6.79 | 43  | 849425  | 263.557 | ug/l   | 96     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 377119  | 43.347  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 309130  | 46.916  | ug/l   | 94     |
| 28) Bromochloromethane        | 7.15 | 49  | 294413  | 59.111  | ug/l # | 100    |
| 29) Tetrahydrofuran           | 7.17 | 42  | 510173  | 270.850 | ug/l   | 93     |
| 30) Chloroform                | 7.33 | 83  | 556232  | 49.930  | ug/l   | 99     |
| 31) Cyclohexane               | 7.61 | 56  | 385297  | 49.337  | ug/l   | 92     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 475044  | 49.349  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 401968  | 48.697  | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.88 | 43  | 399356  | 54.515  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 7.74 | 117 | 410791  | 46.281  | ug/l   | 100    |

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 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 10/19/2020 4:23:15 PM

Quant Time: Oct 17 03:20:03 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101420W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 15 01:16:44 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 344709   | 49.674  | ug/l   | 93       |
| 40) Benzene                    | 8.00  | 78   | 1212954  | 48.524  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.12  | 41   | 187288   | 59.053  | ug/l   | 89       |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 450161   | 50.613  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 915894   | 75.343  | ug/l # | 78       |
| 44) Trichloroethene            | 8.80  | 130  | 304963   | 46.396  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 345719   | 52.788  | ug/l   | 98       |
| 46) Dibromomethane             | 9.17  | 93   | 222091   | 47.799  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 459456   | 50.541  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.16  | 41   | 329926   | 58.756  | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.19  | 88   | 74294    | 871.325 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 2032213  | 282.517 | ug/l   | 96       |
| 52) Toluene                    | 10.13 | 92   | 738238   | 48.065  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 518561   | 55.595  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 503457   | 49.123  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 309981   | 48.717  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 461159   | 50.019  | ug/l   | 89       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 530904   | 50.665  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 1239626  | 263.679 | ug/l   | 96       |
| 59) 2-Hexanone                 | 10.72 | 43   | 1503408  | 269.835 | ug/l   | 95       |
| 60) Dibromochloromethane       | 10.87 | 129  | 335046   | 46.876  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 306537   | 47.331  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 282263   | 47.923  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.41 | 112  | 780113   | 47.419  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 303770   | 48.635  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 1414121  | 51.313  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.59 | 106  | 1047823  | 92.401  | ug/l   | 96       |
| 69) o-Xylene                   | 11.92 | 106  | 486806   | 44.945  | ug/l   | 98       |
| 70) Styrene                    | 11.94 | 104  | 883211   | 47.233  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 224542   | 43.690  | ug/l   | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 1270169  | 47.140  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.05 | 43   | 629262   | 62.362  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 428284   | 46.167  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 376364m  | 43.127  | ug/l   |          |
| 77) Bromobenzene               | 12.50 | 156  | 320189   | 43.772  | ug/l   | 87       |
| 78) n-propylbenzene            | 12.57 | 91   | 1537073  | 51.110  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 903206   | 47.222  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 1081583  | 50.010  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 142759   | 49.978  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 977967   | 50.732  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 843625   | 47.166  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 1098979  | 48.757  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.14 | 105  | 1131175  | 49.196  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 1031944  | 47.484  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 573259   | 47.035  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 582082   | 46.695  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.59 | 91   | 944325   | 56.362  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.85 | 117  | 166514   | 43.514  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 568180   | 46.839  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 88979    | 49.835  | ug/l   | 89       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101420W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 15 01:16:44 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 320844   | 53.618 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 143430   | 49.634 | ug/l  | 98       |
| 95) Naphthalene            | 15.10 | 128  | 1012520  | 55.186 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 310931   | 52.239 | ug/l  | 97       |

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

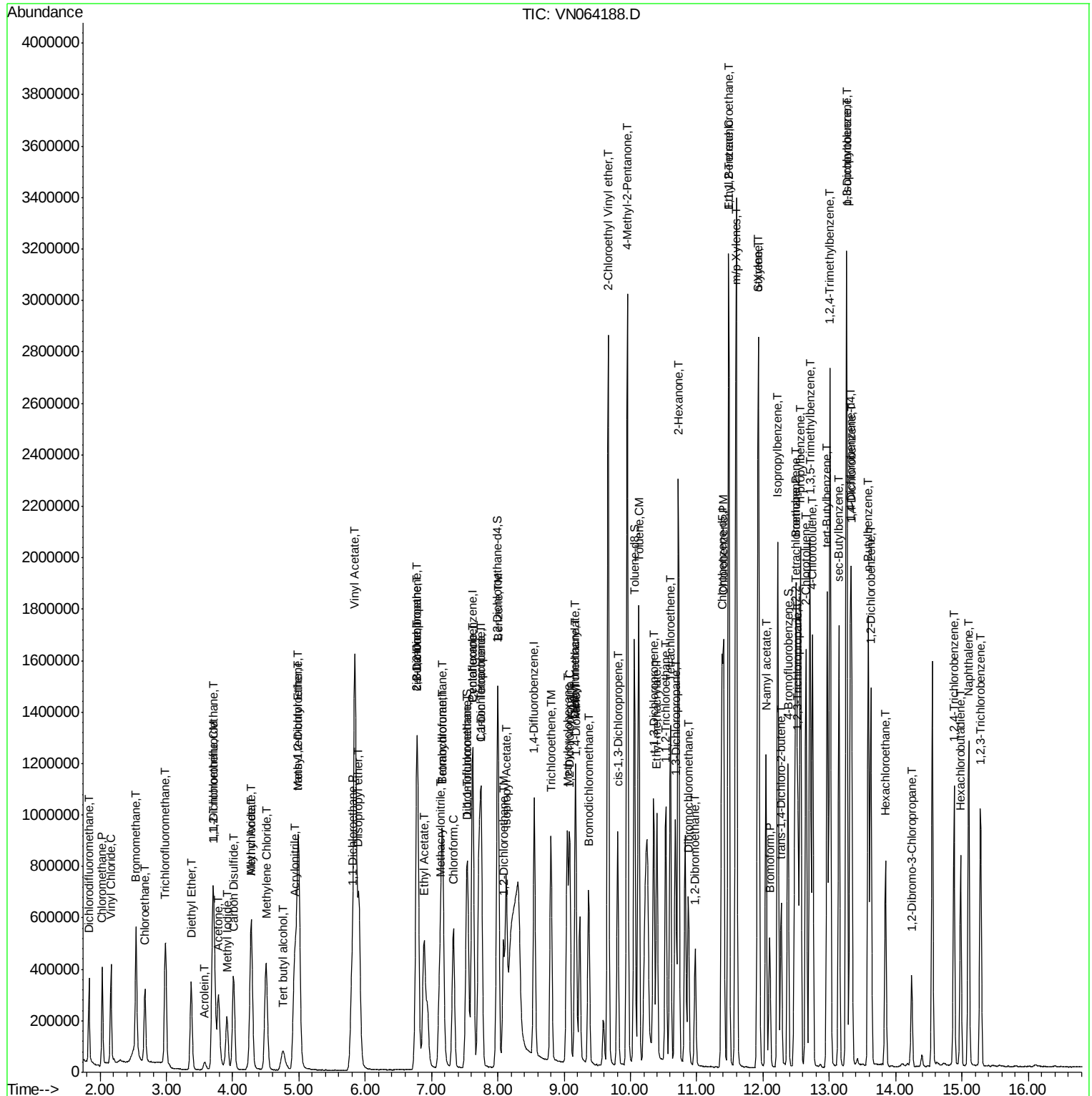
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Data File : VN064188.D  
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Sample : VSTDCCC050  
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ALS Vial : 27 Sample Multiplier: 1

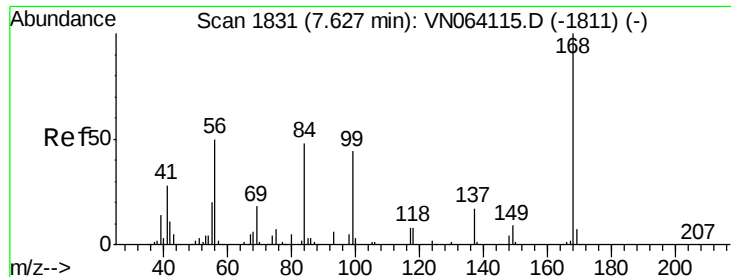
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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10/19/2020 4:23:15 PM

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Quant Title : SW846 8260  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 496015

Ion Ratio Lower Upper

168 100

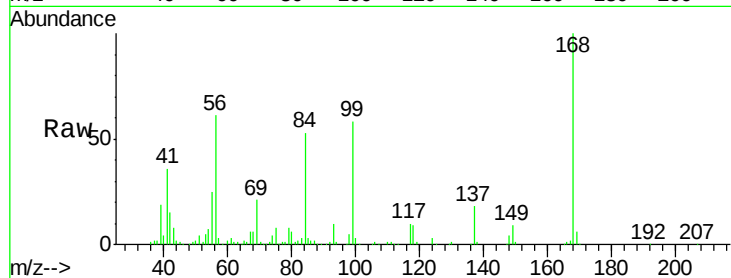
99 58.2 43.6 65.4

Manual Integrations

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10/19/2020 4:23:15 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

250000

200000

150000

100000

50000

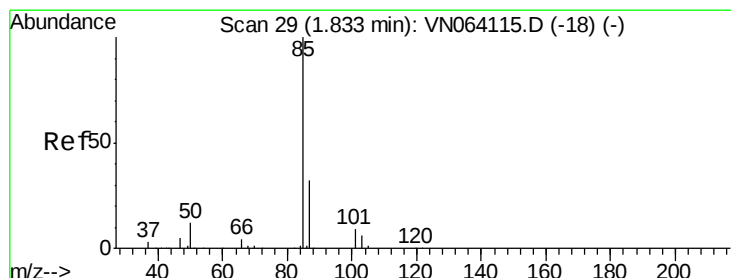
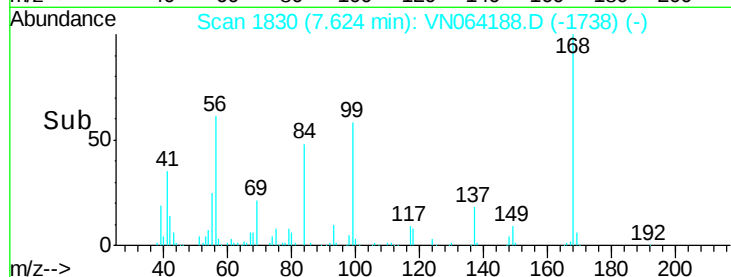
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 51.111 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064188.D

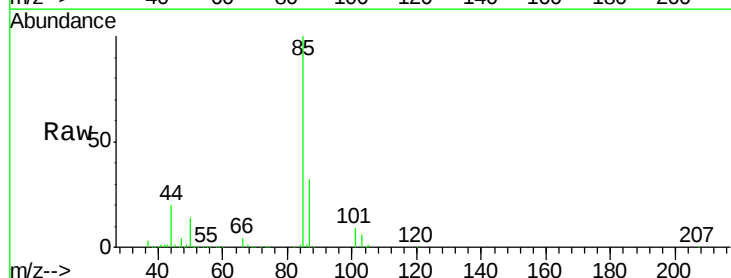
Acq: 17 Oct 2020 00:39

Tgt Ion: 85 Resp: 238857

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

200000

150000

100000

50000

0

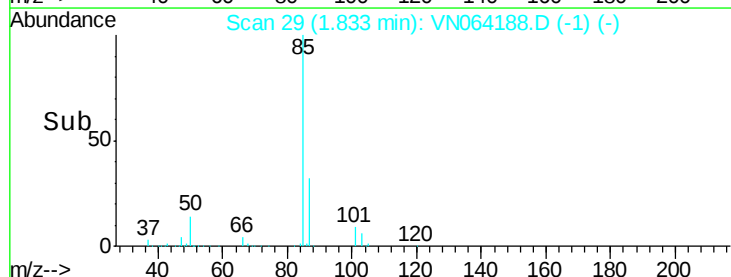
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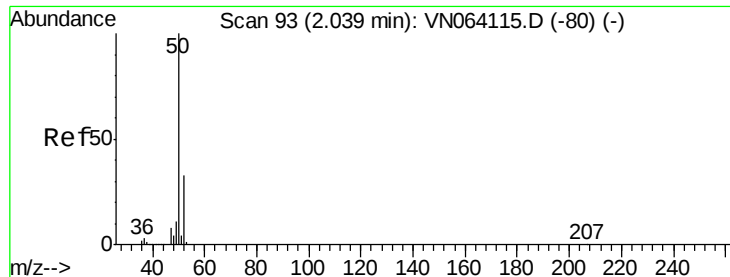
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 54.465 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.01 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 317031

Ion Ratio Lower Upper

50 100

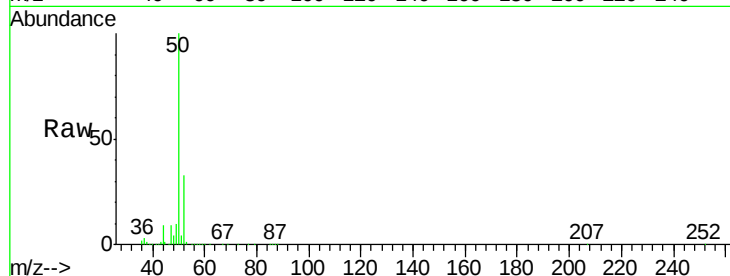
52 33.0 26.1 39.1

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

250000

200000

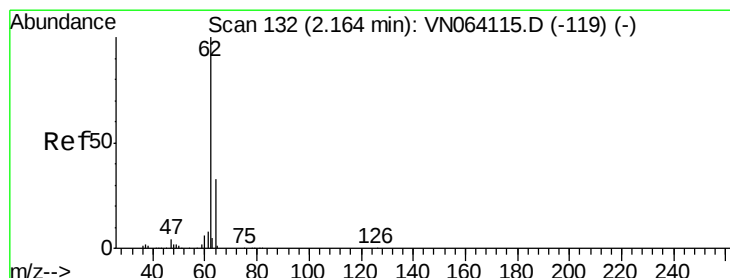
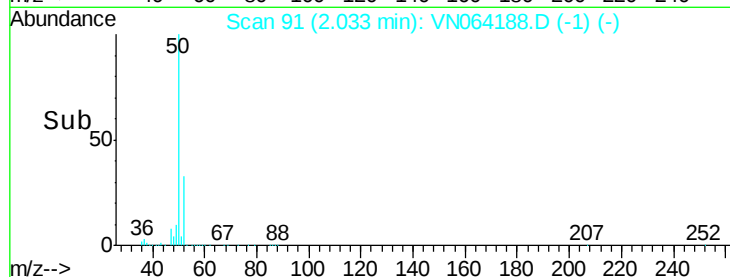
150000

100000

50000

0

Time--> 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 48.490 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN064188.D

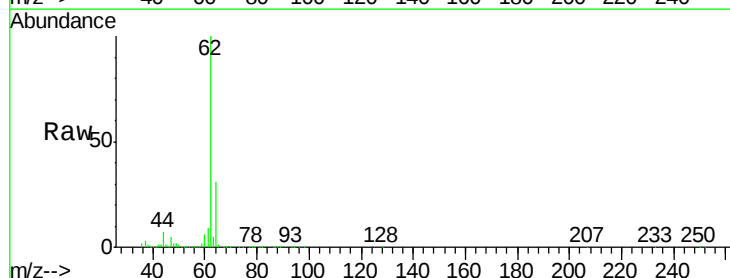
Acq: 17 Oct 2020 00:39

Tgt Ion: 62 Resp: 351330

Ion Ratio Lower Upper

62 100

64 30.6 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

250000

200000

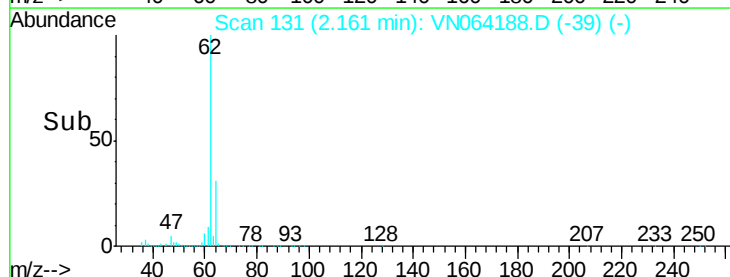
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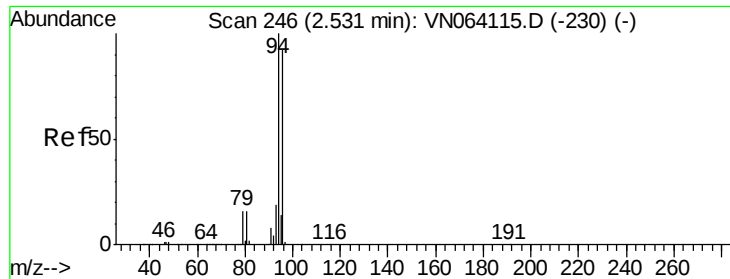
100000

50000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 53.293 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 289771

Ion Ratio Lower Upper

94 100

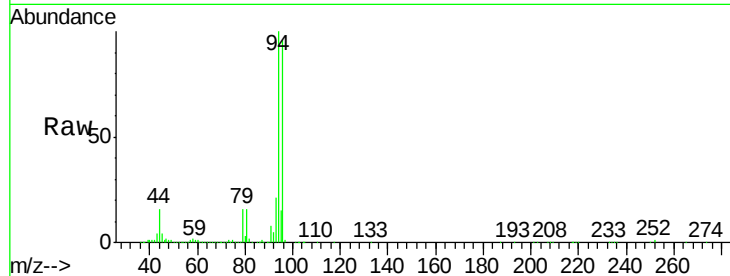
96 95.8 73.5 110.3

Manual Integrations

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10/19/2020 4:23:15 PM



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

200000

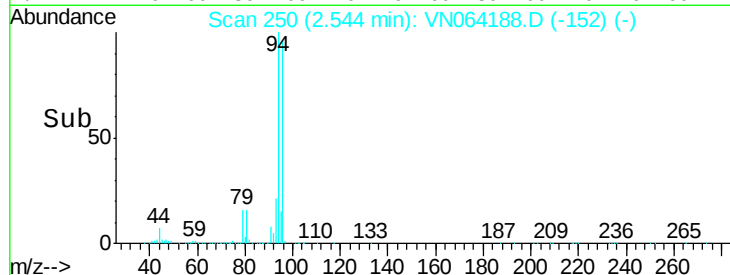
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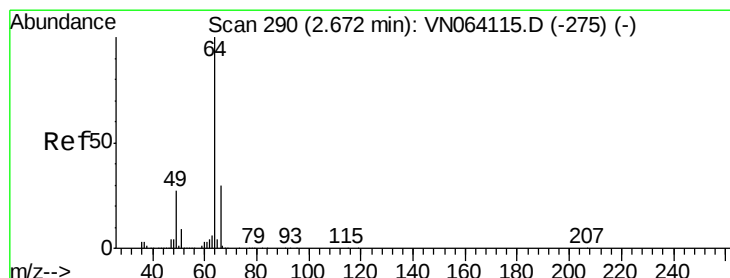
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0

Time-->



Time-->



#6

Chloroethane

Concen: 43.486 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064188.D

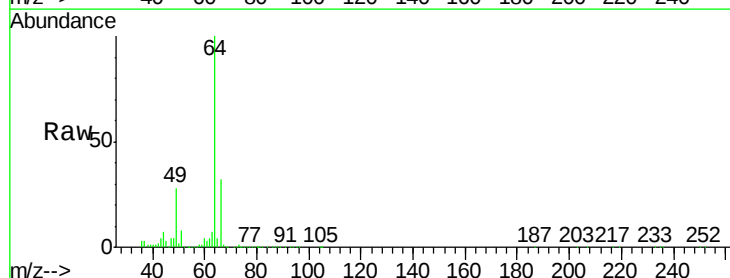
Acq: 17 Oct 2020 00:39

Tgt Ion: 64 Resp: 250491

Ion Ratio Lower Upper

64 100

66 32.4 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

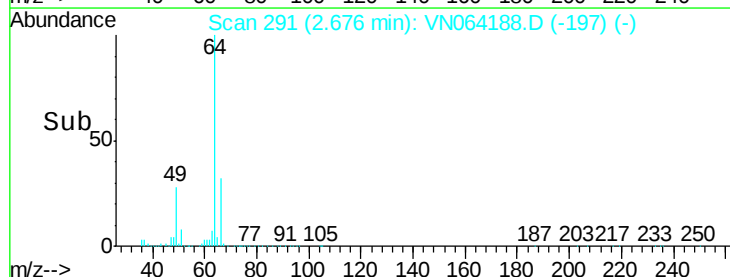
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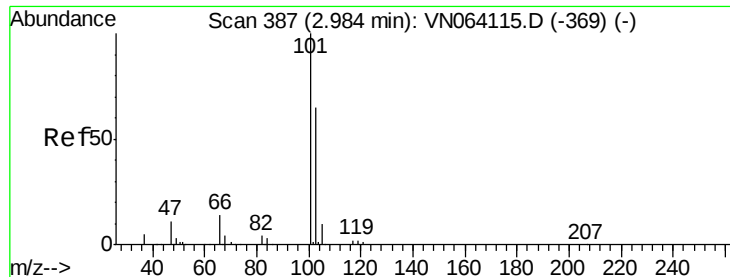
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0

Time-->



Time-->



#7

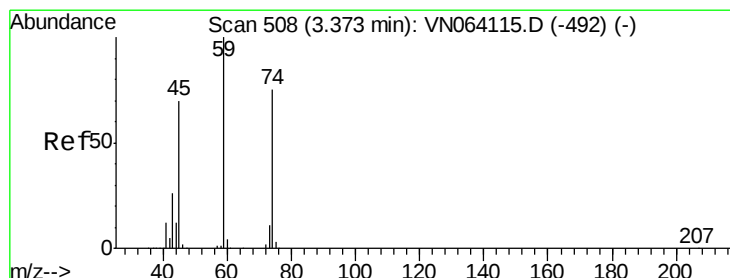
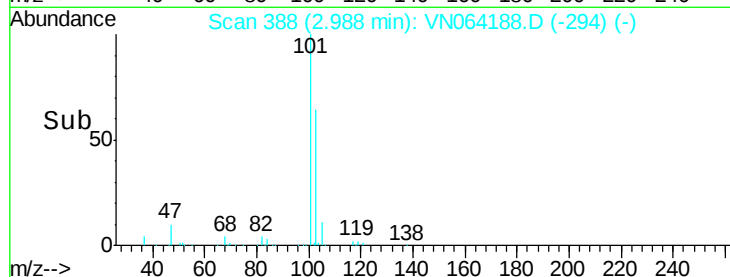
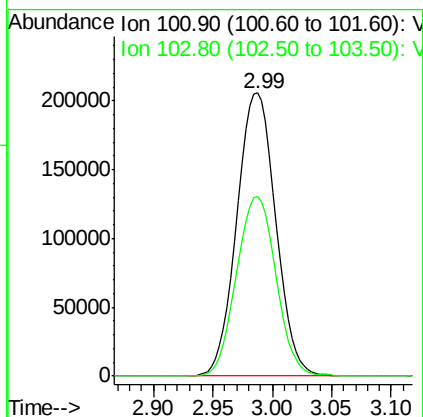
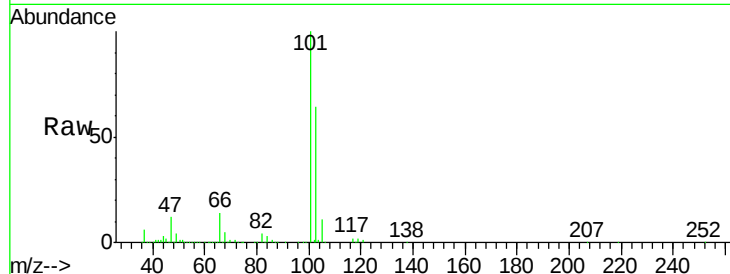
Trichlorofluoromethane  
 Concen: 46.857 ug/l  
 RT: 2.99 min Scan# 388  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.6  | 51.8  | 77.6  |

Manual Integrations  
 APPROVED

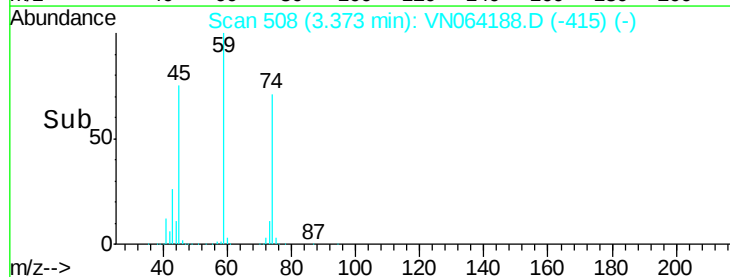
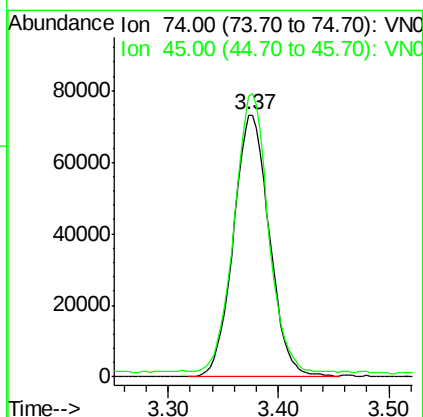
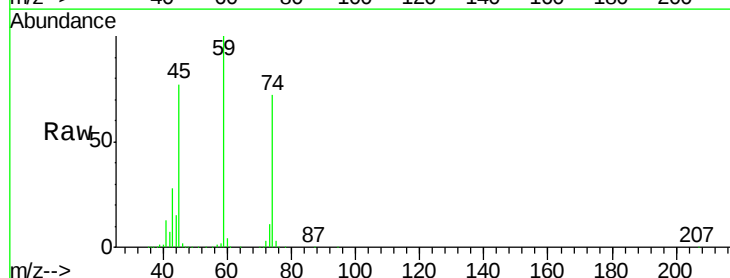
MMDadoda  
 10/19/2020 4:23:15 PM

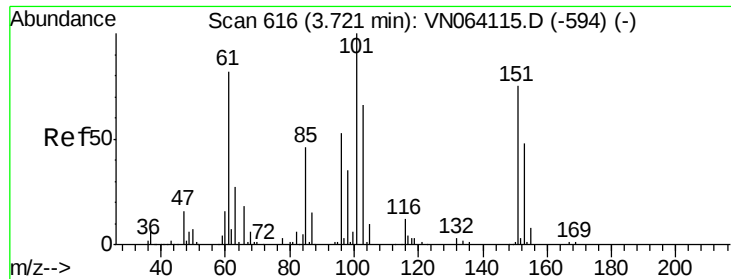


#8

Diethyl Ether  
 Concen: 52.953 ug/l  
 RT: 3.37 min Scan# 508  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 100.2 | 47.0  | 141.0 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.237 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

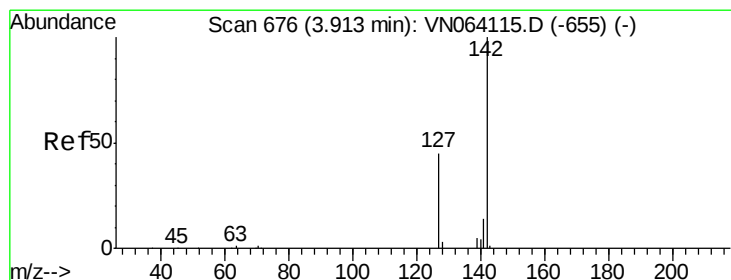
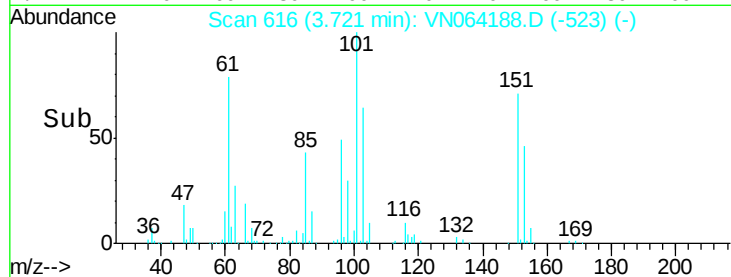
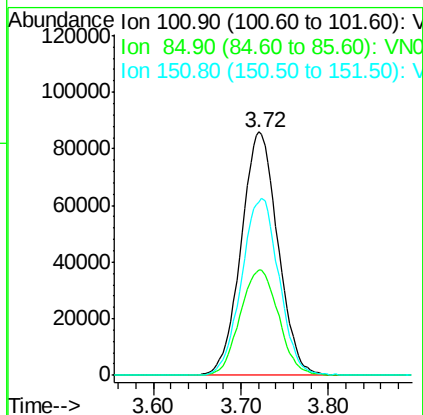
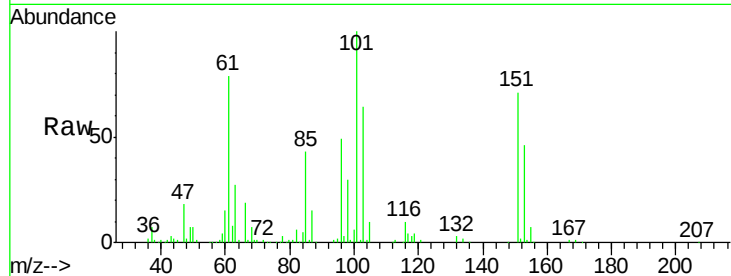
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 250654 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 45.3  | 36.9  | 55.3   |
| 151       | 74.2  | 60.7  | 91.1   |

Manual Integrations  
APPROVED

MMDadoda  
10/19/2020 4:23:15 PM



#10

Methyl Iodide

Concen: 45.263 ug/l

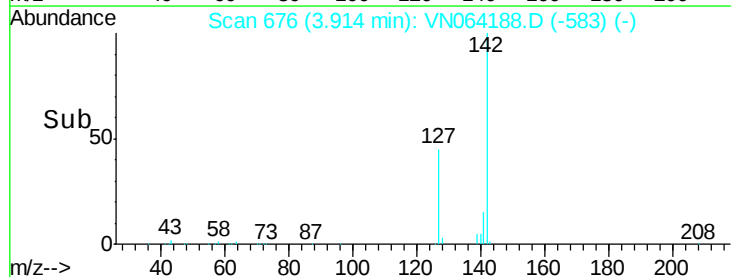
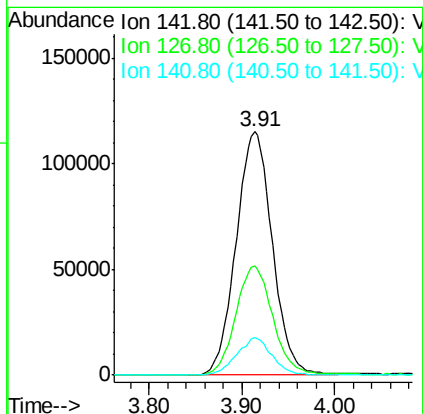
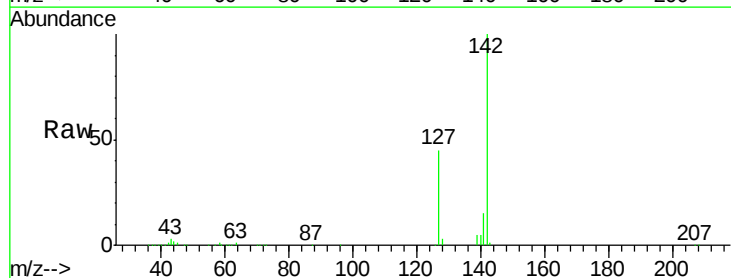
RT: 3.91 min Scan# 676

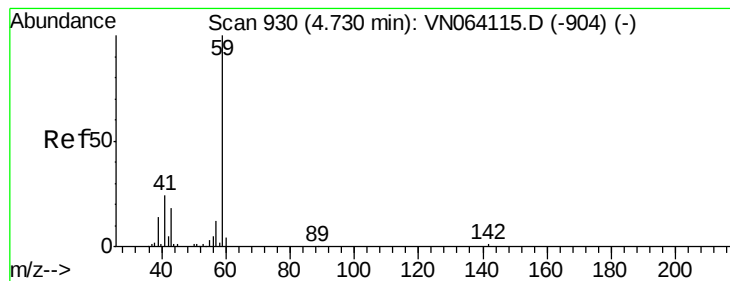
Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 312170 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 45.7  | 36.3  | 54.5   |
| 141       | 15.0  | 11.6  | 17.4   |





#11

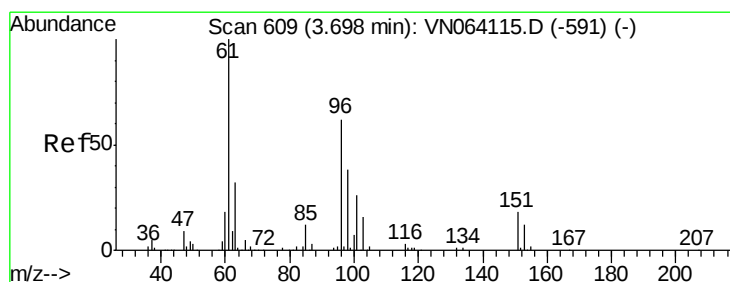
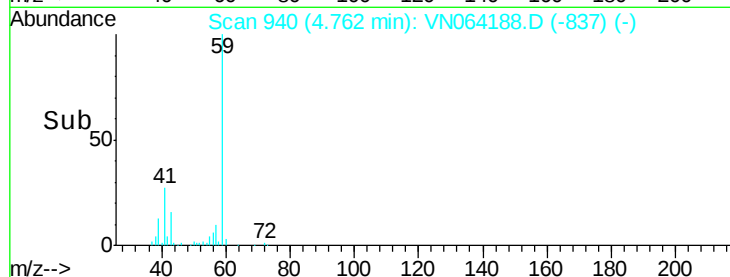
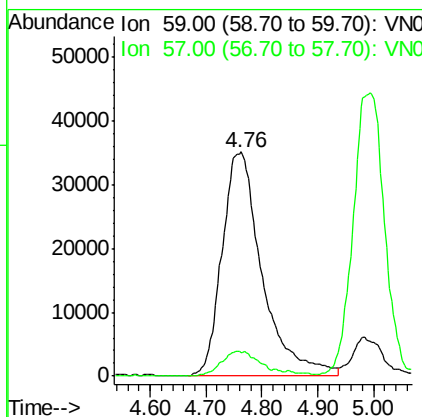
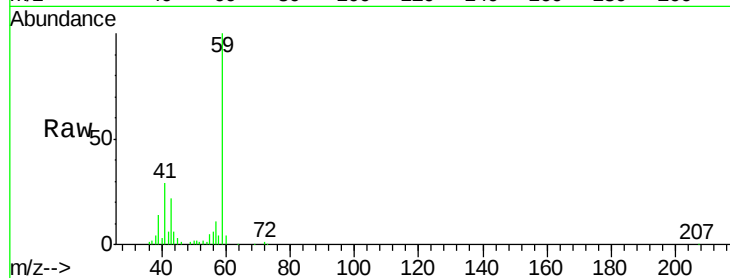
Tert butyl alcohol  
 Concen: 224.810 ug/l  
 RT: 4.76 min Scan# 940  
 Delta R.T. 0.03 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion   | 59   | Resp  | 175842 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 57        | 10.1 | 8.9   | 13.3   |

Manual Integrations  
 APPROVED

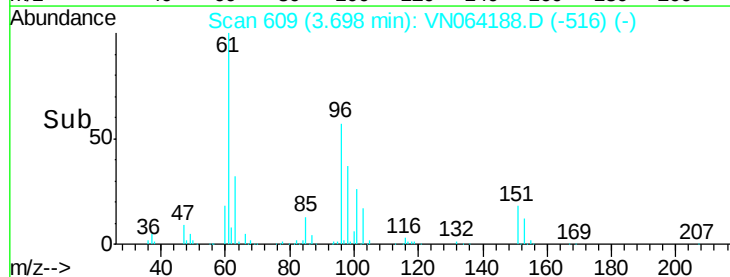
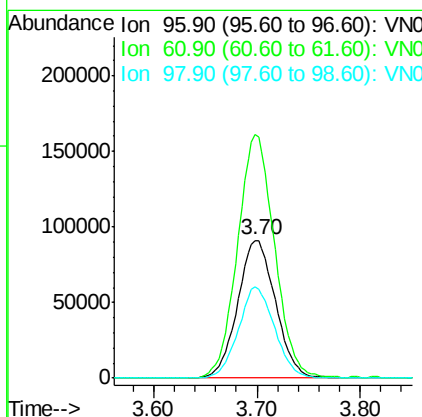
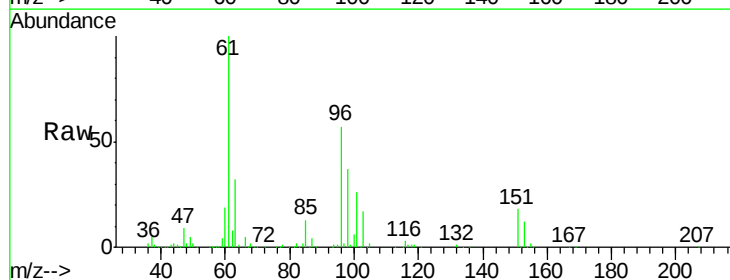
MMDadoda  
 10/19/2020 4:23:15 PM

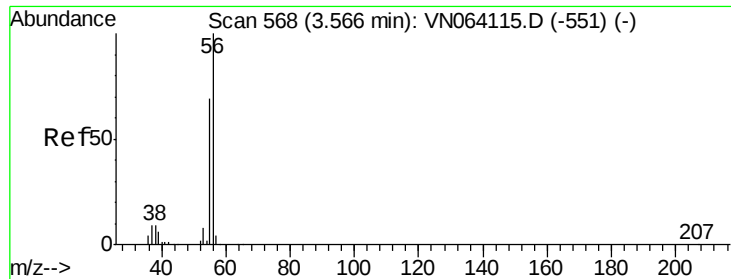


#12

1,1-Dichloroethene  
 Concen: 46.997 ug/l  
 RT: 3.70 min Scan# 609  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

| Tgt Ion   | 96    | Resp  | 232178 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 176.7 | 129.9 | 194.9  |
| 98        | 65.8  | 48.9  | 73.3   |





#13

Acrolein

Concen: 64.452 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 41408

Ion Ratio Lower Upper

56 100

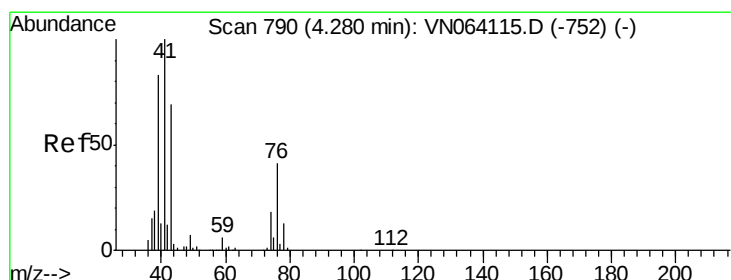
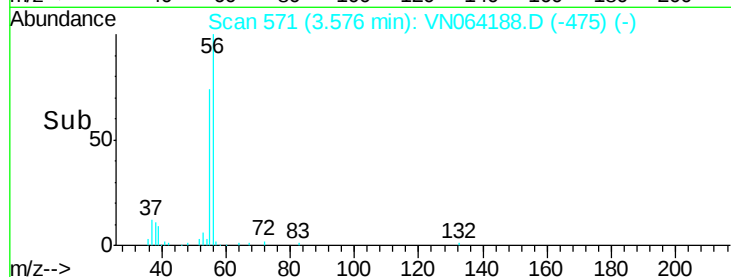
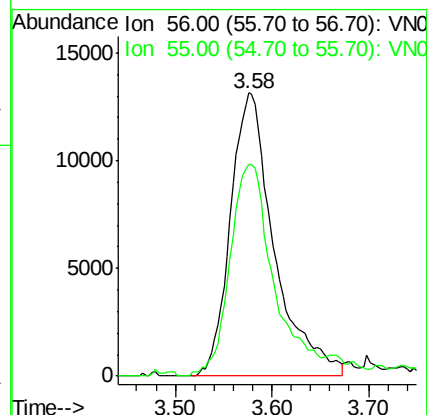
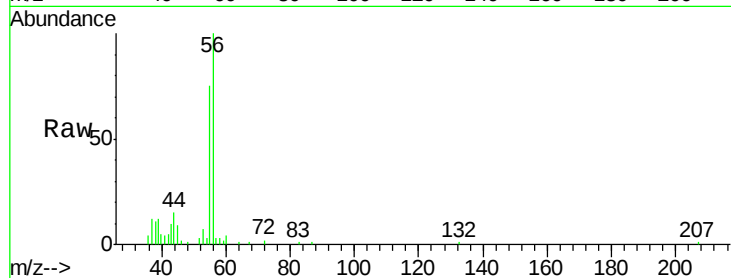
55 74.4 55.8 83.6

Manual Integrations

APPROVED

MMDadoda

10/19/2020 4:23:15 PM



#14

Allyl chloride

Concen: 53.073 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

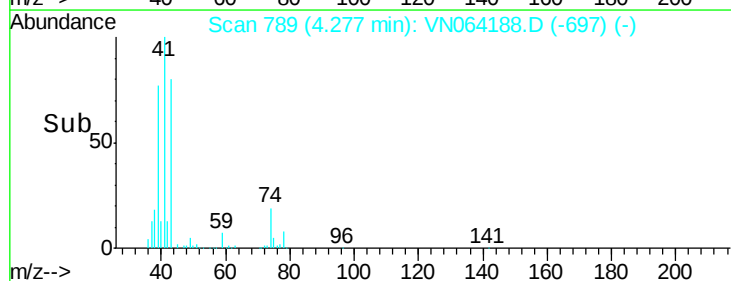
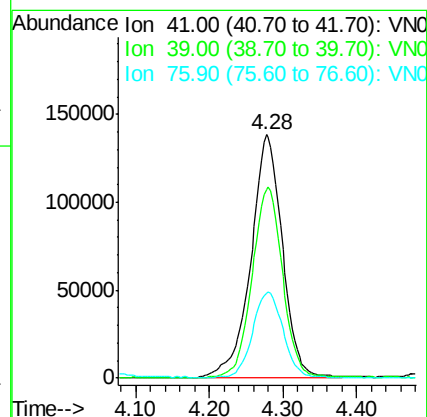
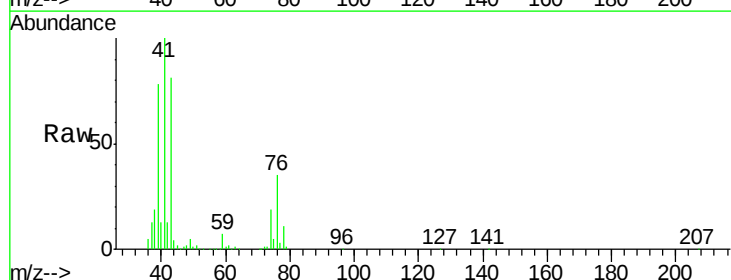
Tgt Ion: 41 Resp: 409097

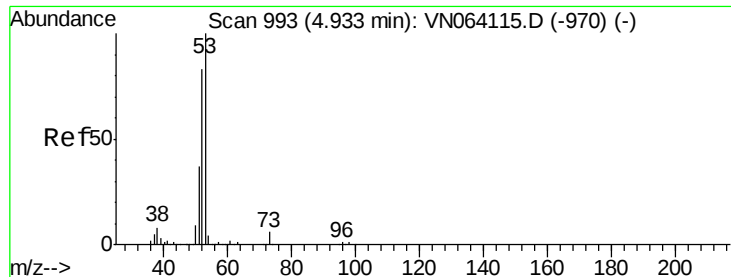
Ion Ratio Lower Upper

41 100

39 76.0 60.5 90.7

76 33.9 29.5 44.3





#15

Acrylonitrile

Concen: 265.172 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

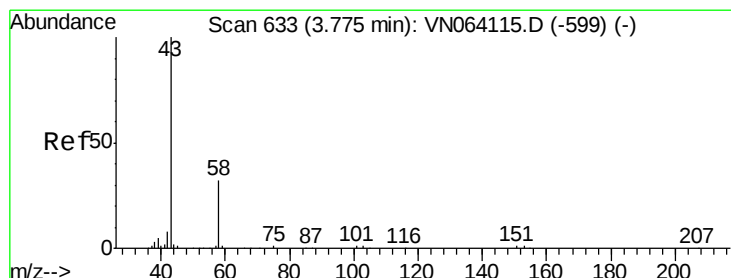
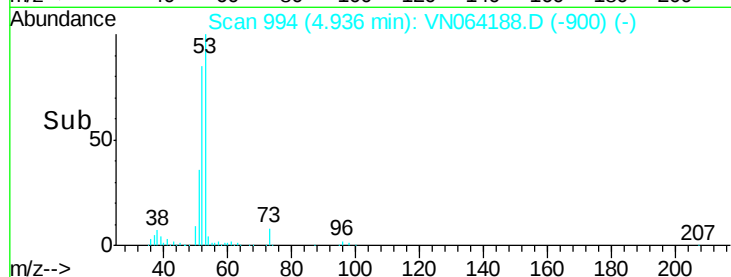
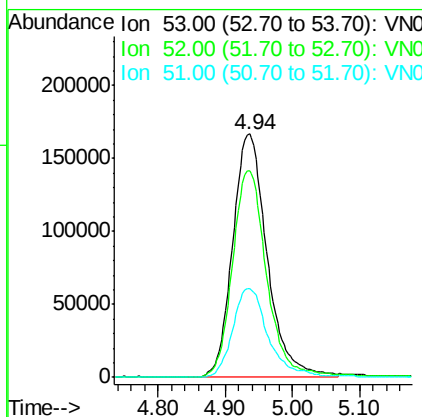
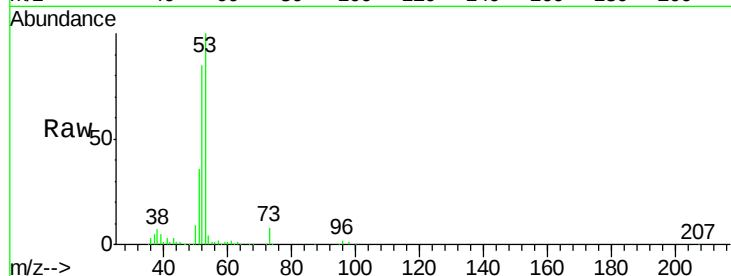
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 595533 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.5  | 65.8  | 98.6   |
| 51        | 37.2  | 29.4  | 44.2   |

Manual Integrations  
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10/19/2020 4:23:15 PM



#16

Acetone

Concen: 261.049 ug/l

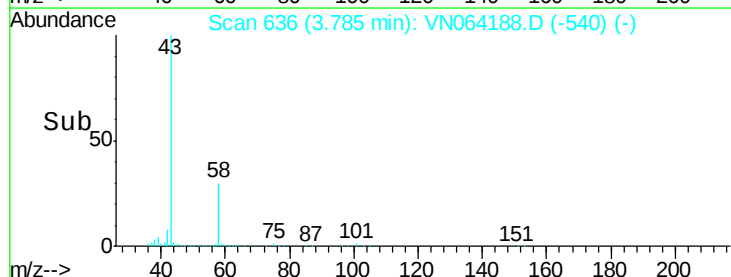
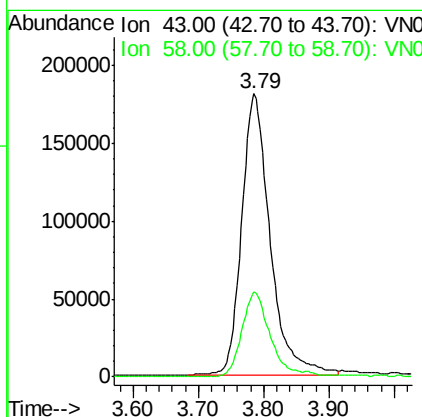
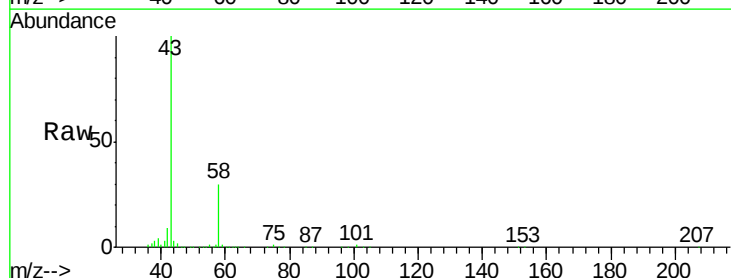
RT: 3.79 min Scan# 636

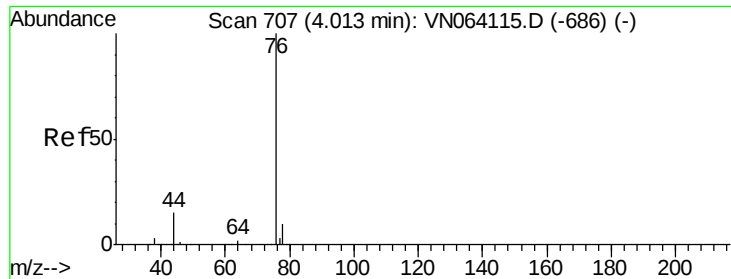
Delta R.T. 0.01 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 546999 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.0  | 25.2  | 37.8   |





#17

Carbon Disulfide

Concen: 50.267 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 709788

Ion Ratio Lower Upper

76 100

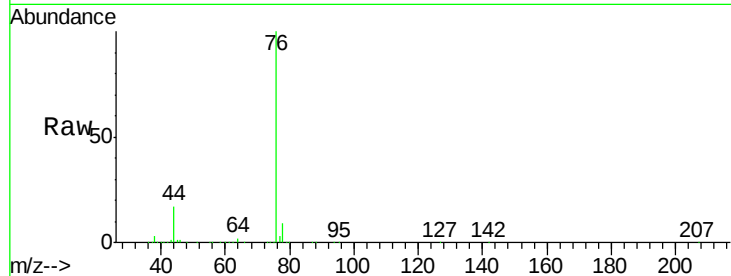
78 9.3 7.6 11.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN064188.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN064188.D (-614) (-)

4.01

250000

200000

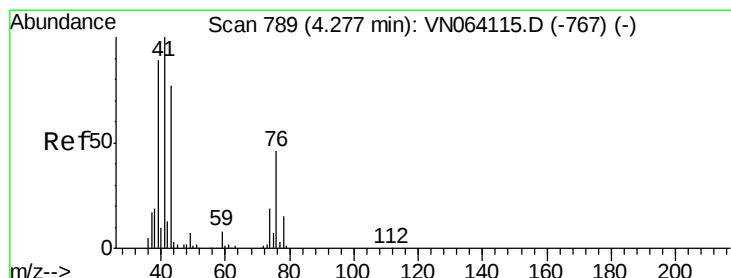
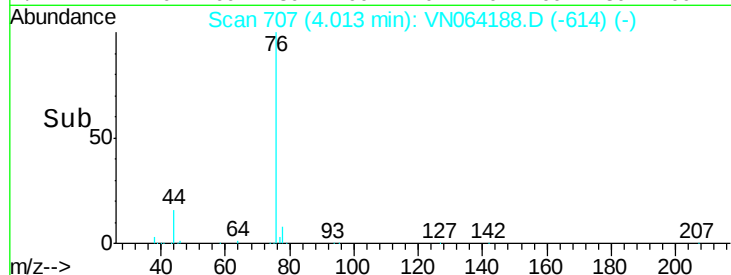
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 63.862 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064188.D

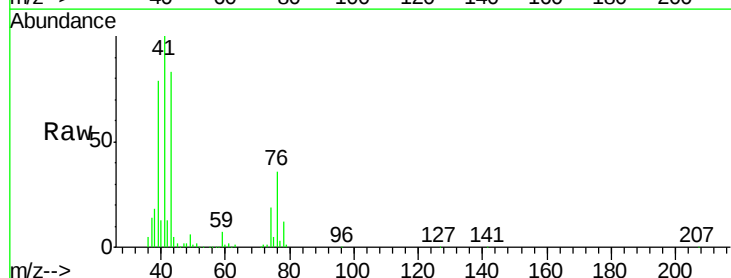
Acq: 17 Oct 2020 00:39

Tgt Ion: 43 Resp: 335673

Ion Ratio Lower Upper

43 100

74 23.2 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN064188.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN064188.D (-696) (-)

4.28

120000

100000

80000

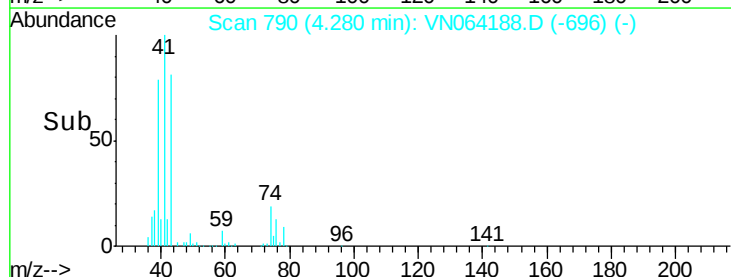
60000

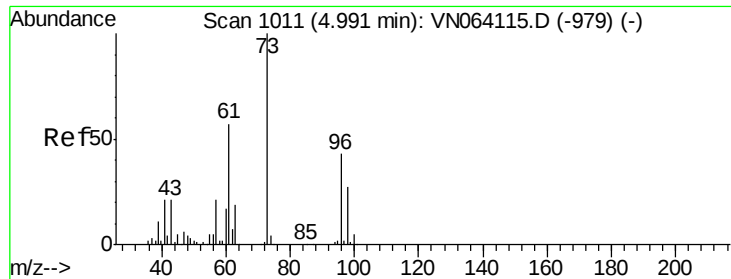
40000

20000

0

Time-->





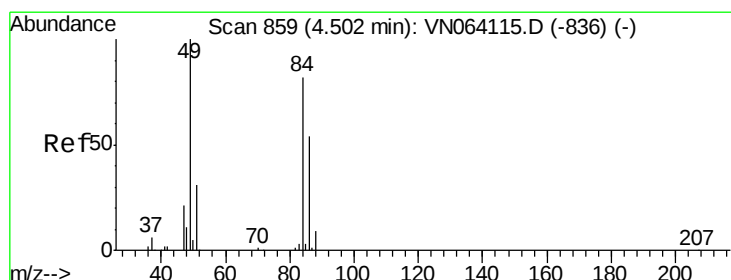
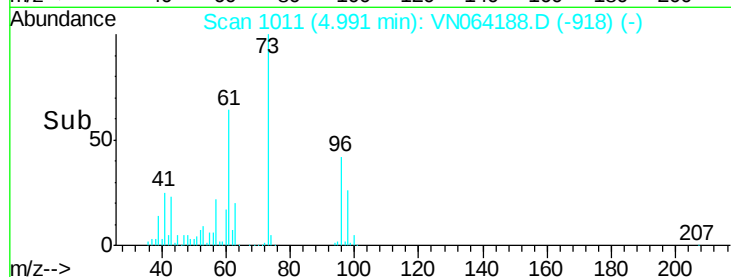
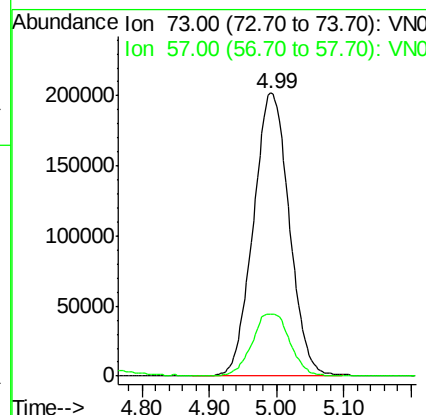
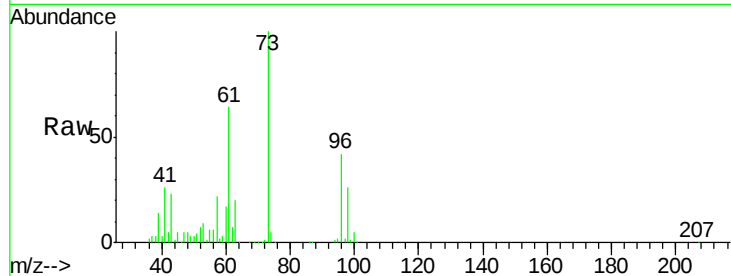
#19  
Methvl tert-butvl Ether  
Concen: 51.504 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 750502  
Ion Ratio Lower Upper  
73 100  
57 21.8 17.0 25.4

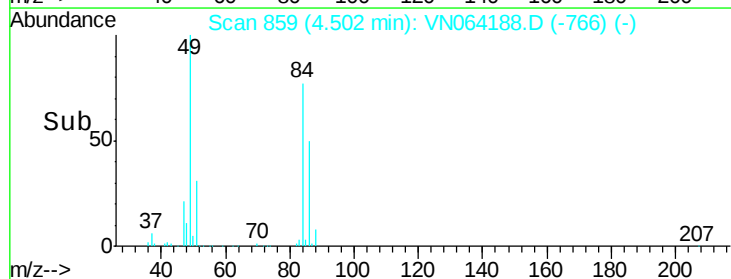
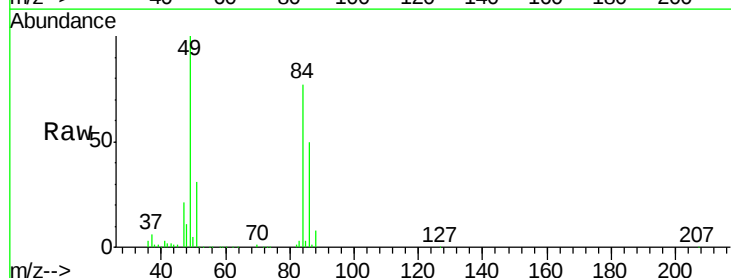
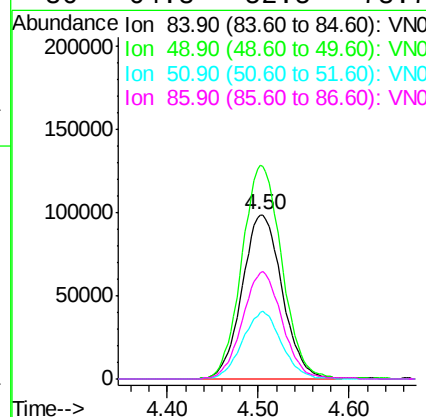
Manual Integrations  
APPROVED

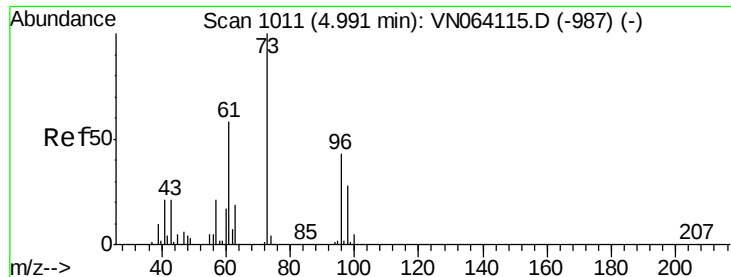
MMDadoda  
10/19/2020 4:23:15 PM



#20  
Methylene Chloride  
Concen: 46.634 ug/l  
RT: 4.50 min Scan# 859  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Tgt Ion: 84 Resp: 302358  
Ion Ratio Lower Upper  
84 100  
49 130.1 97.4 146.0  
51 40.5 29.7 44.5  
86 64.8 52.5 78.7





#21

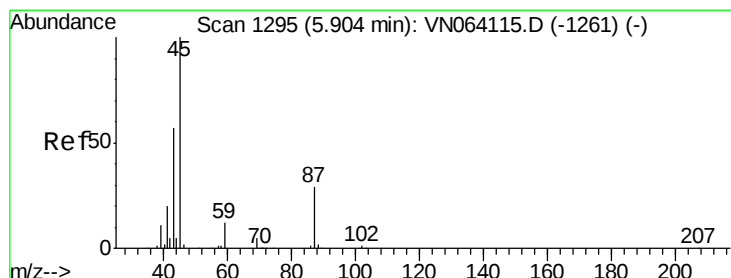
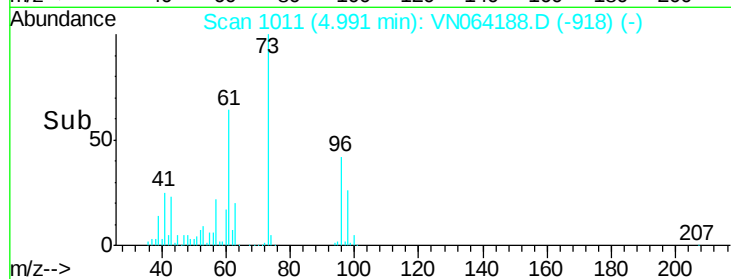
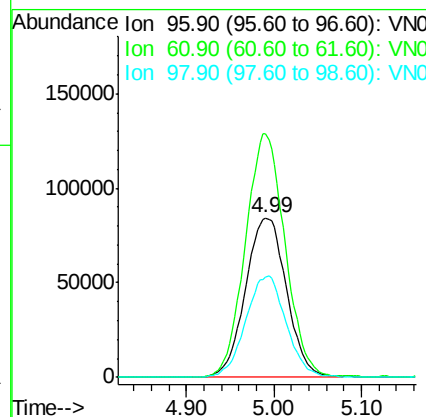
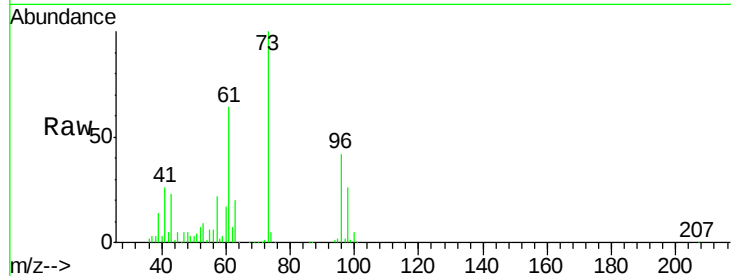
trans-1,2-Dichloroethene  
Concen: 48.977 ug/l  
RT: 4.99 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 153.0 | 107.0 | 160.4 |
| 98      | 62.9  | 51.0  | 76.6  |

Manual Integrations  
APPROVED

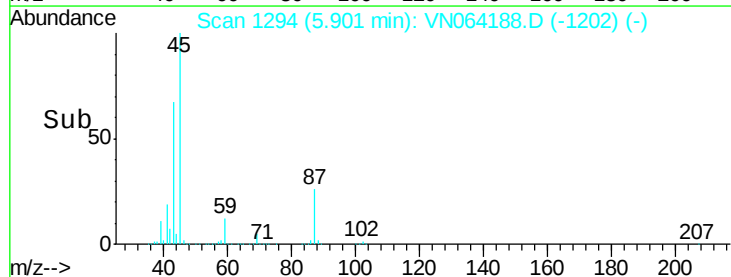
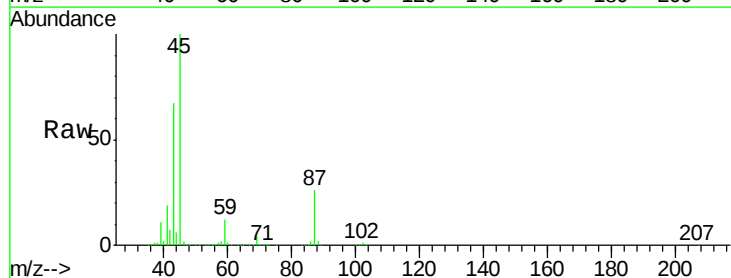
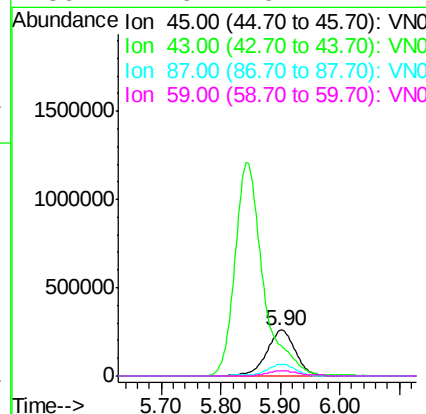
MMDadoda  
10/19/2020 4:23:15 PM

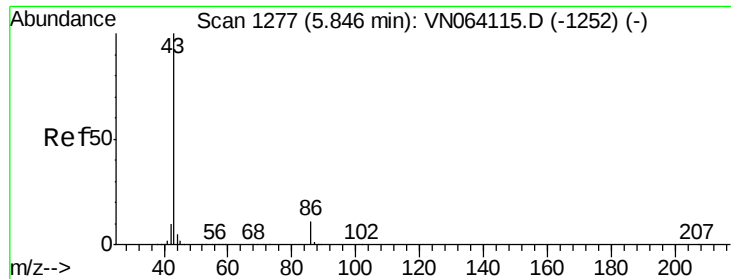


#22

Diisopropyl ether  
Concen: 58.789 ug/l  
RT: 5.90 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 66.6  | 50.9  | 76.3  |
| 87      | 26.2  | 23.5  | 35.3  |
| 59      | 11.6  | 9.4   | 14.2  |





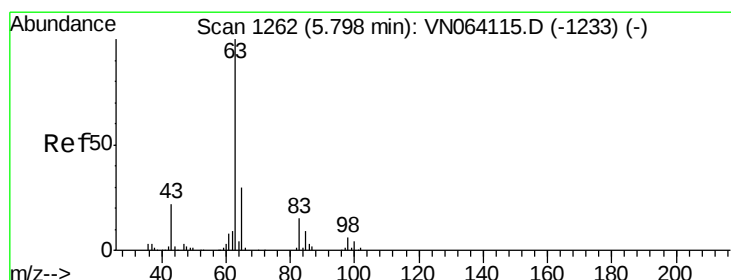
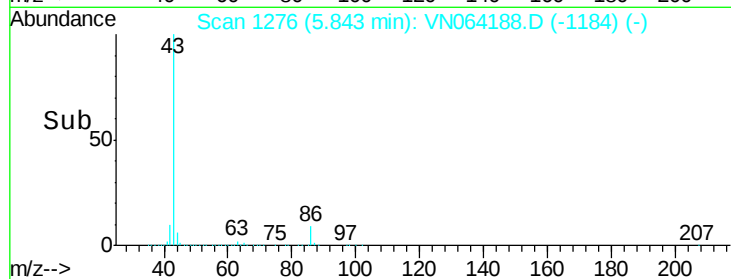
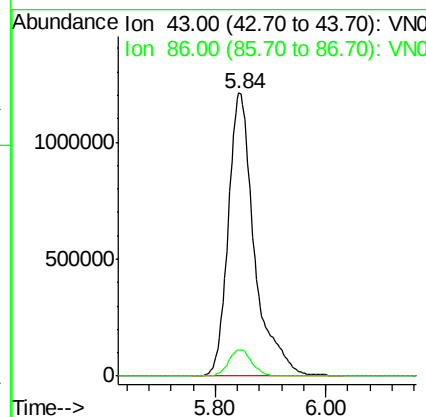
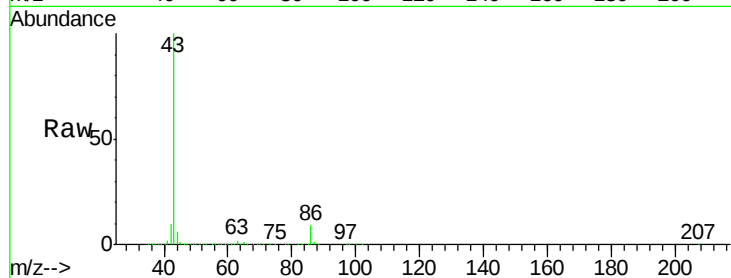
#23  
 Vinyl Acetate  
 Concen: 297.398 ug/l  
 RT: 5.84 min Scan# 1276  
 Delta R.T. -0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 43 Resp: 3977929  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 8.8 13.2

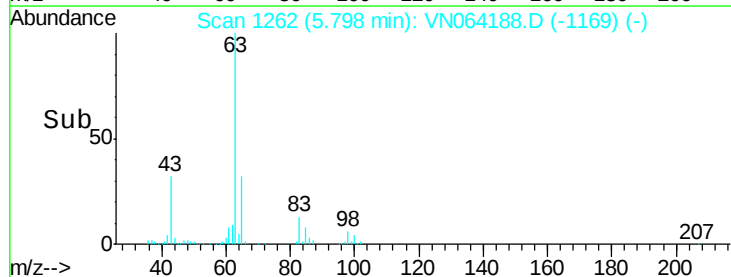
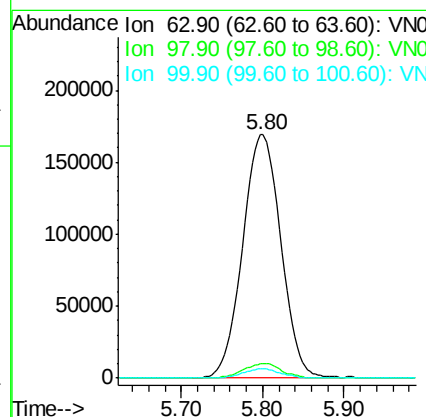
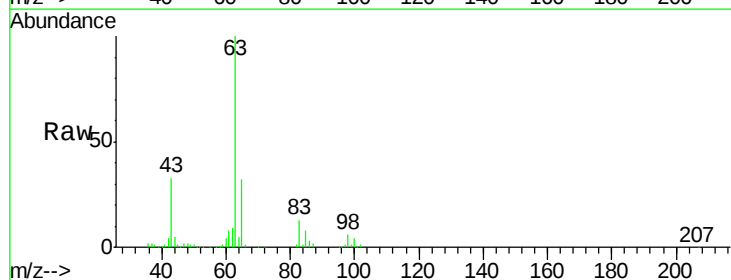
Manual Integrations  
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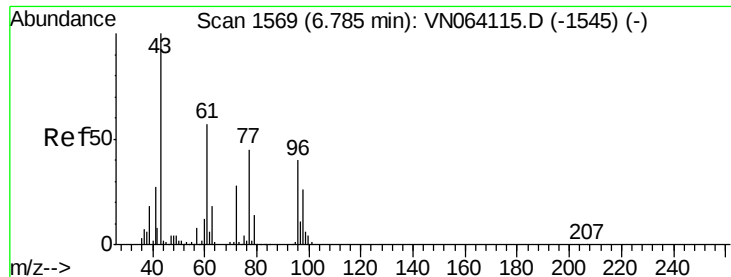
MMDadoda  
 10/19/2020 4:23:15 PM



#24  
 1,1-Dichloroethane  
 Concen: 52.468 ug/l  
 RT: 5.80 min Scan# 1262  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Tgt Ion: 63 Resp: 548663  
 Ion Ratio Lower Upper  
 63 100  
 98 5.7 3.1 9.3  
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 263.557 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 849425

Ion Ratio Lower Upper

43 100

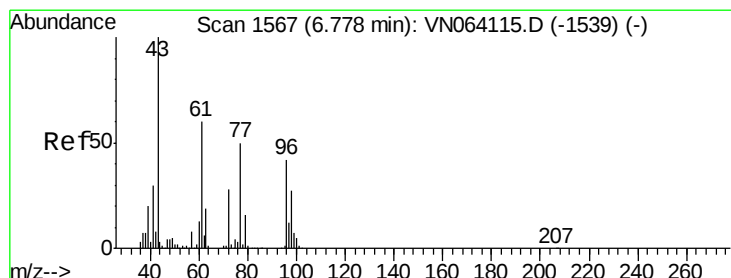
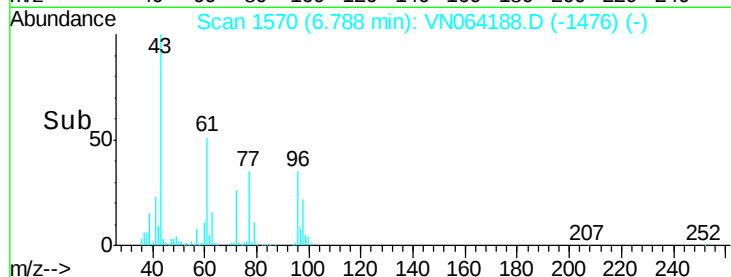
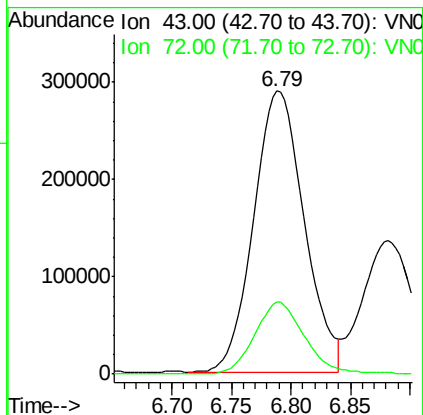
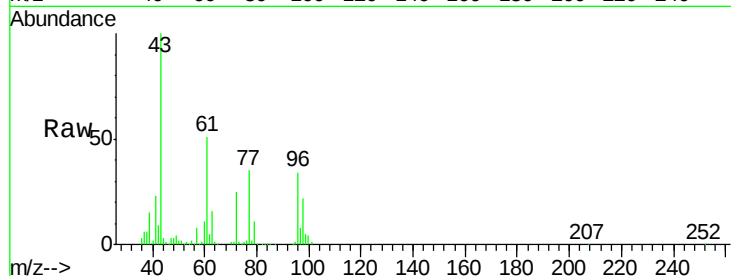
72 25.6 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.347 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064188.D

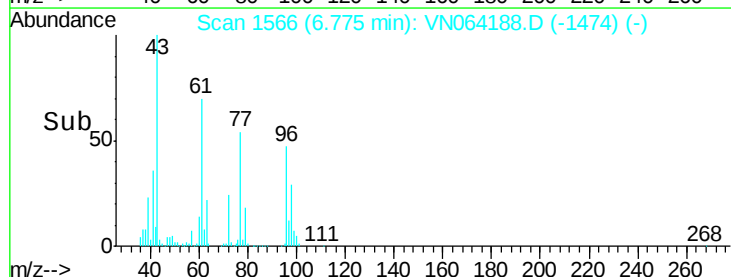
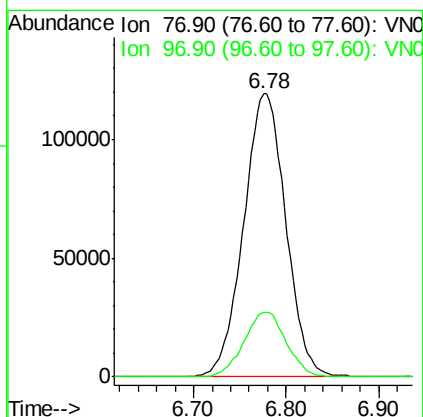
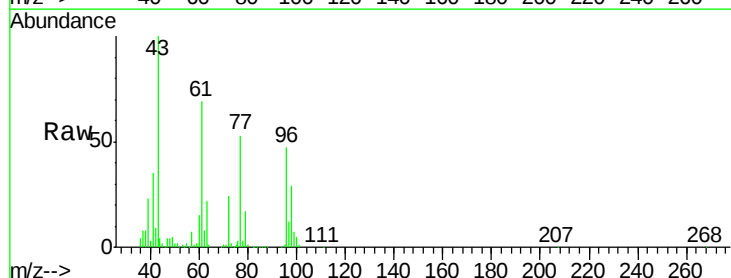
Acq: 17 Oct 2020 00:39

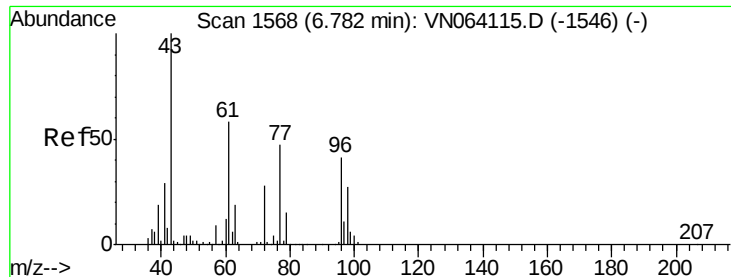
Tgt Ion: 77 Resp: 377119

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0





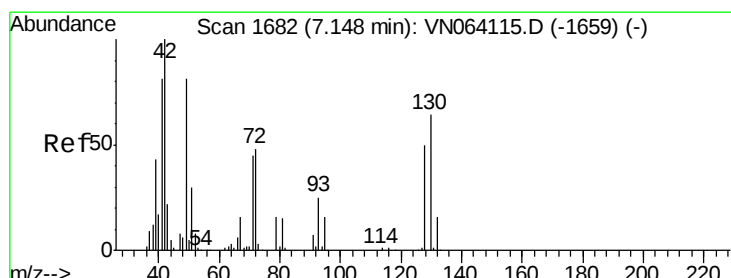
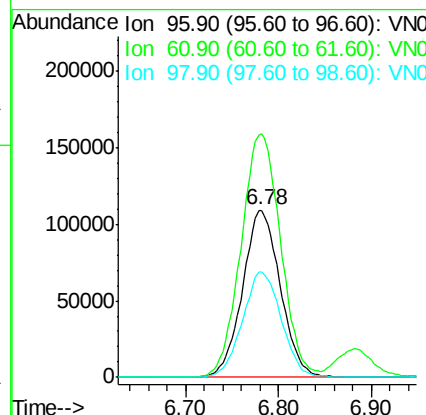
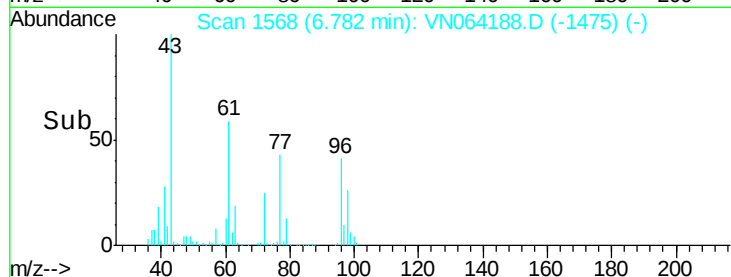
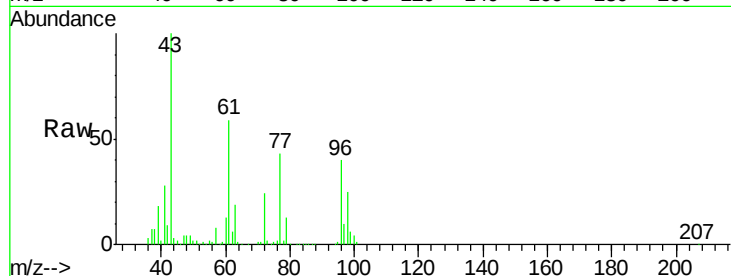
#27  
 cis-1,2-Dichloroethene  
 Concen: 46.916 ug/l  
 RT: 6.78 min Scan# 1568  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 309130 |       |       |
| 61      | 152.5 | 0.0    | 285.6 |       |
| 98      | 64.6  | 0.0    | 131.0 |       |

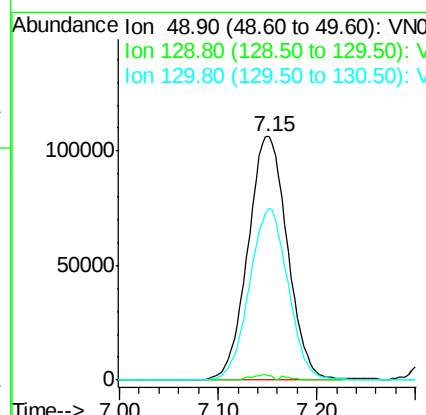
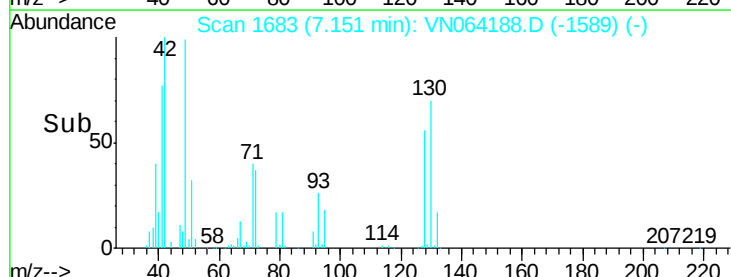
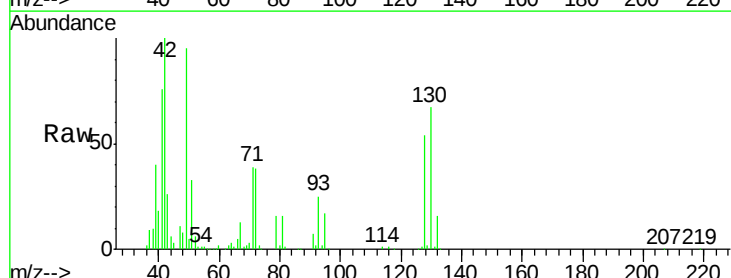
Manual Integrations  
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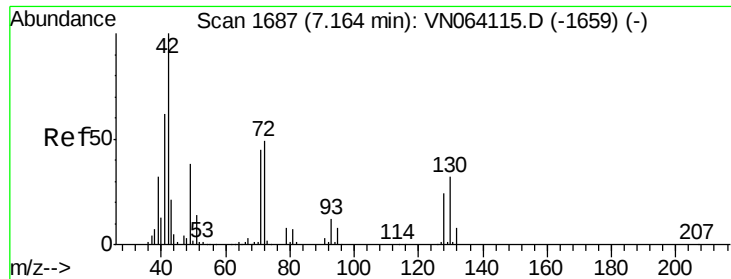
MMDadoda  
 10/19/2020 4:23:15 PM



#28  
 Bromochloromethane  
 Concen: 59.111 ug/l  
 RT: 7.15 min Scan# 1683  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 294413 |       |       |
| 129     | 1.1   | 0.0    | 2.0   |       |
| 130     | 68.9  | 0.0    | 0.0#  |       |





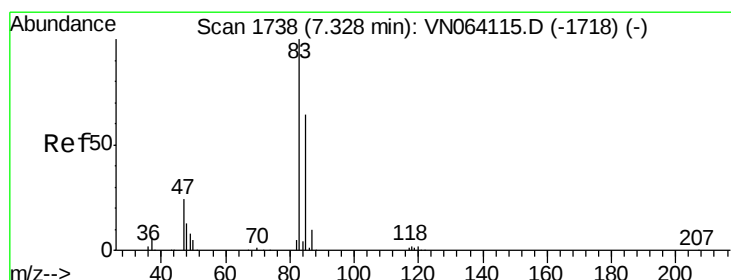
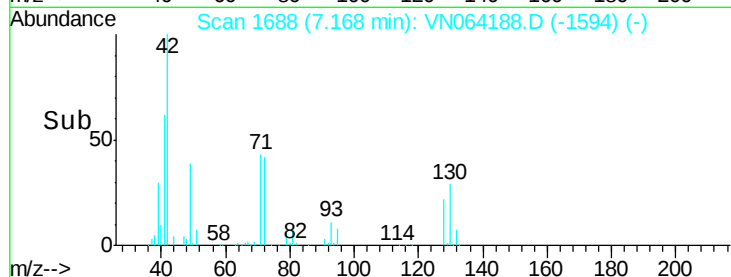
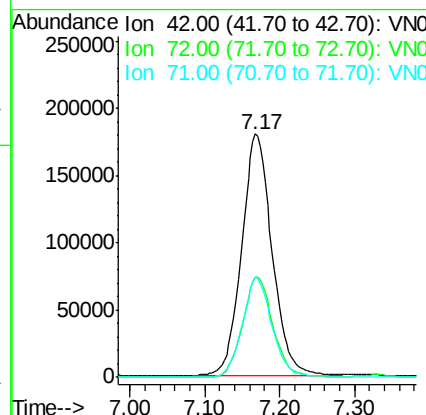
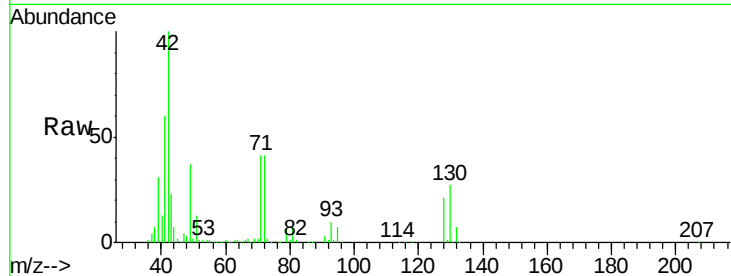
#29  
Tetrahydrofuran  
Concen: 270.850 ug/l  
RT: 7.17 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 41.6  | 37.8  | 56.6  |
| 71      | 39.9  | 35.3  | 52.9  |

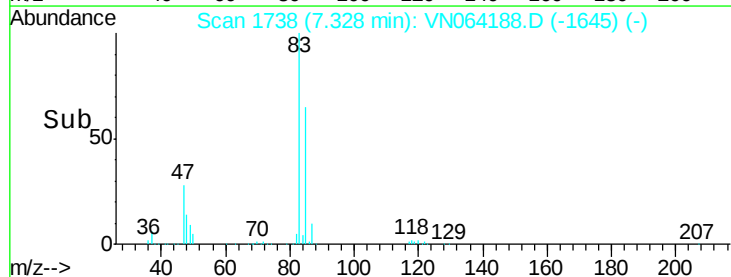
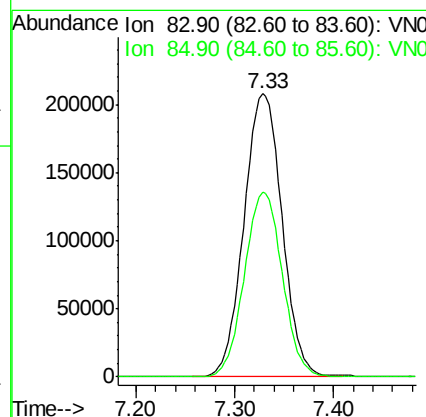
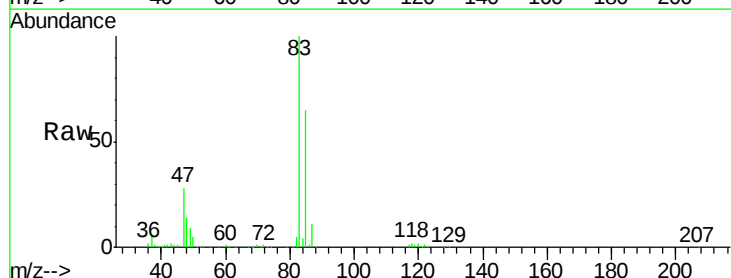
Manual Integrations  
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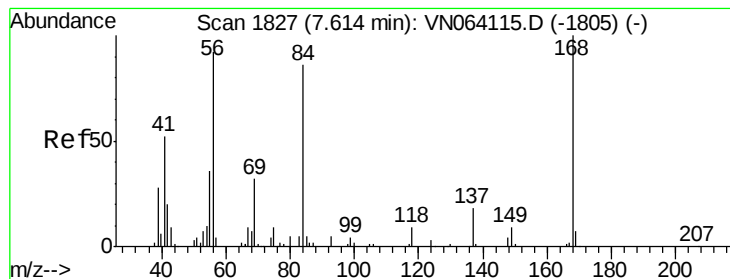
MMDadoda  
10/19/2020 4:23:15 PM



#30  
Chloroform  
Concen: 49.930 ug/l  
RT: 7.33 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.3  | 51.5  | 77.3  |





#31

Cvclohexane

Concen: 49.337 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 385297

Ion Ratio Lower Upper

56 100

69 31.9 27.8 41.6

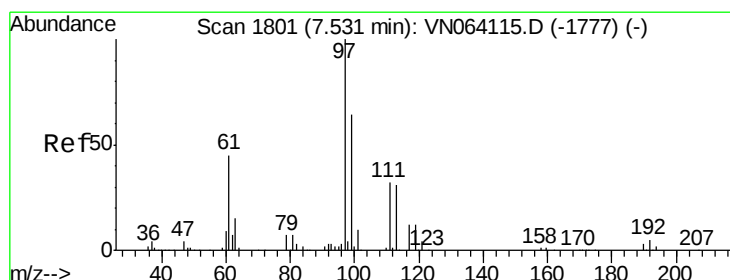
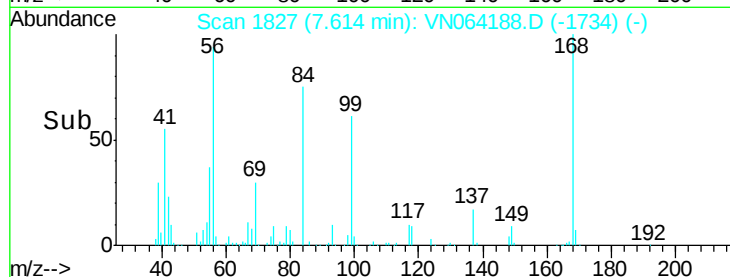
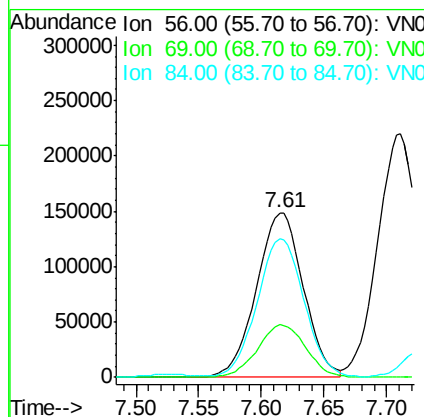
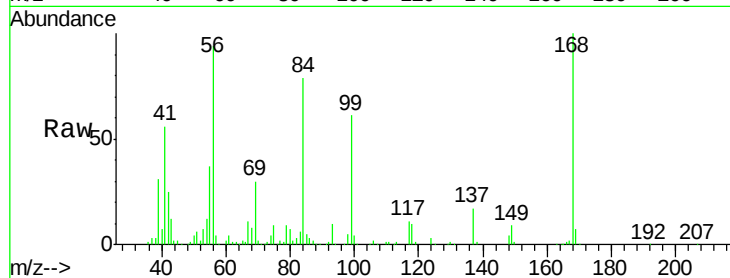
84 83.0 73.2 109.8

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#32

1,1,1-Trichloroethane

Concen: 49.349 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

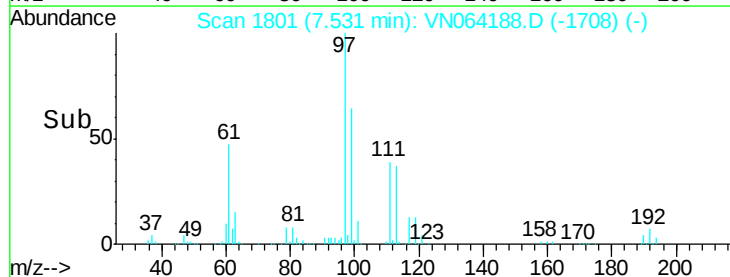
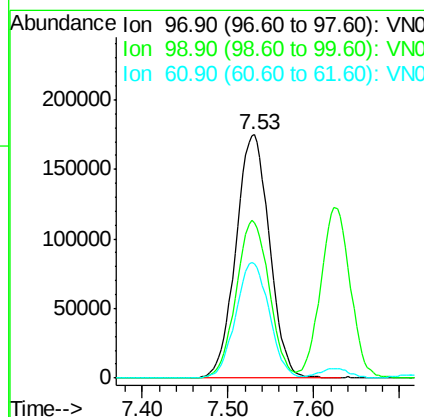
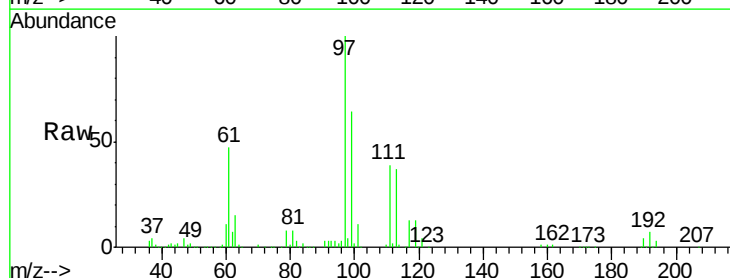
Tgt Ion: 97 Resp: 475044

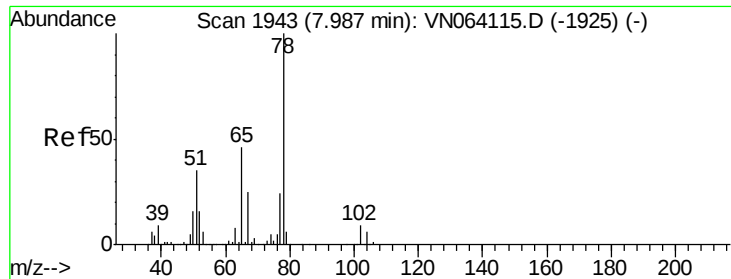
Ion Ratio Lower Upper

97 100

99 63.8 50.2 75.2

61 47.4 35.6 53.4





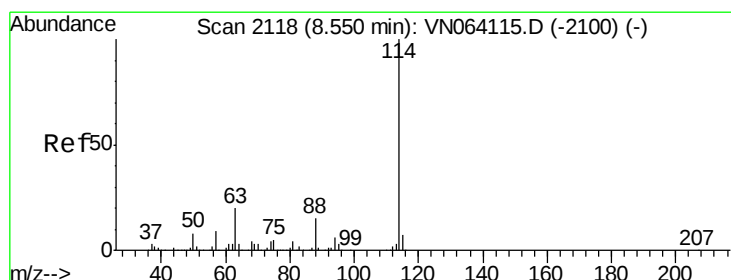
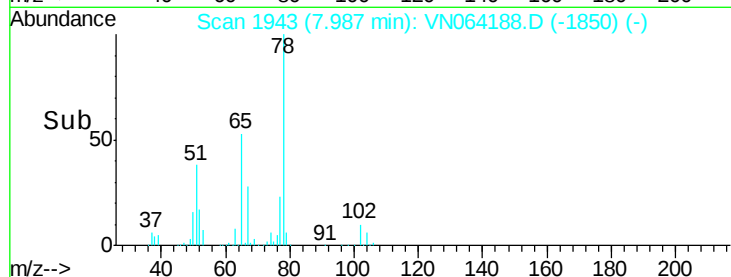
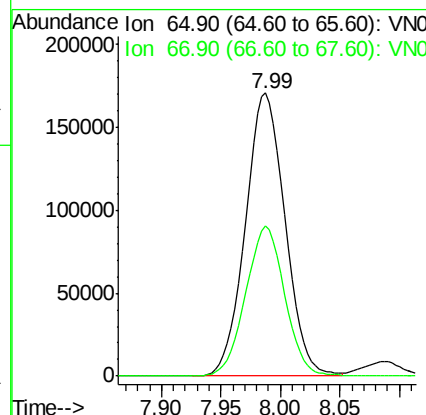
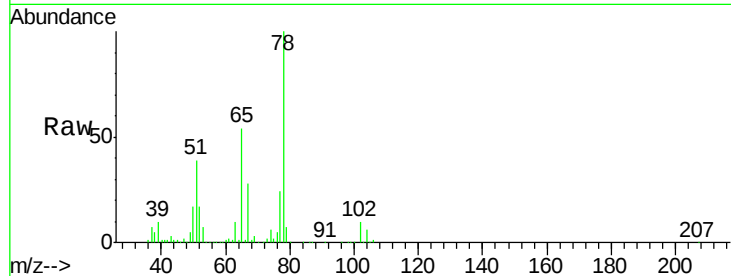
#33  
 1,2-Dichloroethane-d4  
 Concen: 55.763 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 393928 |       |       |
| 67      | 52.3  | 0.0    | 105.6 |       |

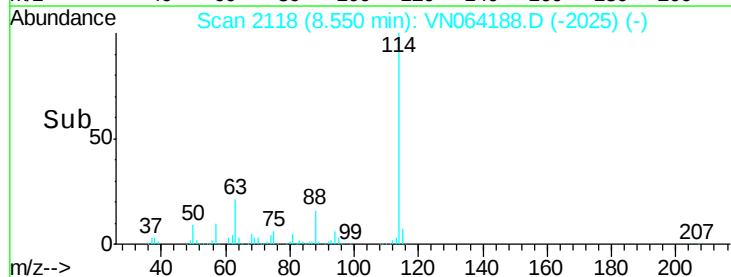
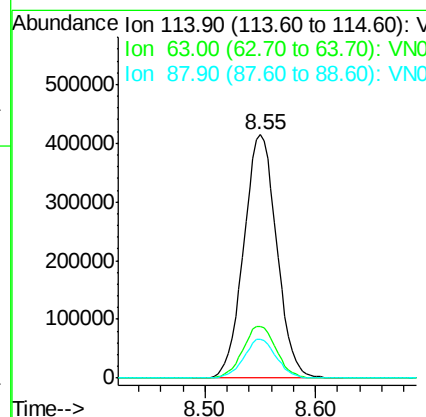
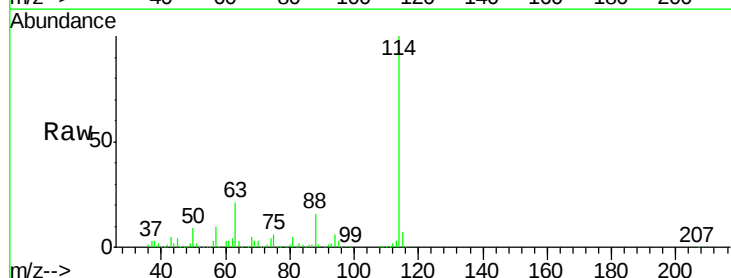
Manual Integrations  
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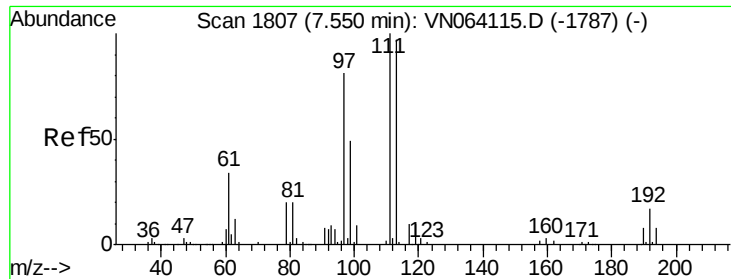
MMDadoda  
 10/19/2020 4:23:15 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 856387 |       |       |
| 63      | 21.2  | 0.0    | 41.0  |       |
| 88      | 15.9  | 0.0    | 29.2  |       |





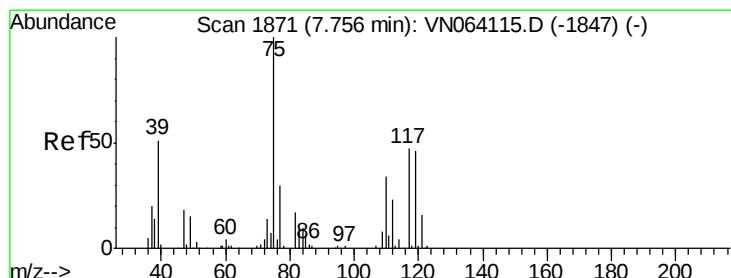
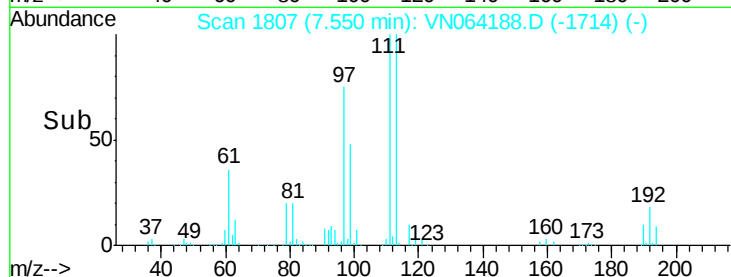
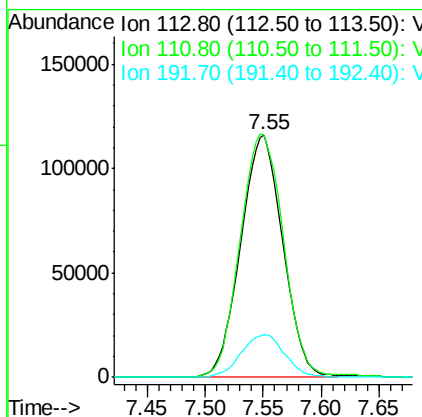
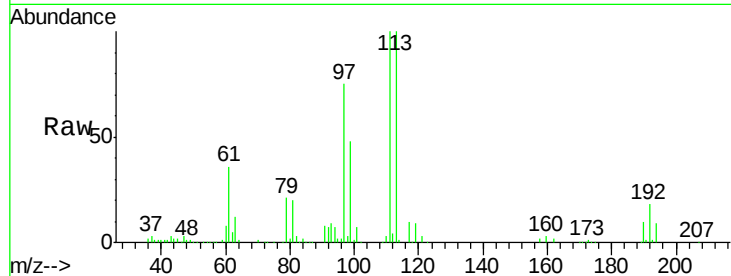
#35  
 Dibromofluoromethane  
 Concen: 49.422 ug/l  
 RT: 7.55 min Scan# 1807  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 292946 |       |       |
| 111     | 103.3 | 81.9   | 122.9 |       |
| 192     | 18.2  | 14.3   | 21.5  |       |

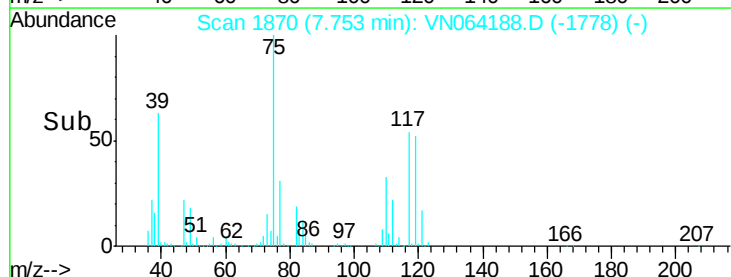
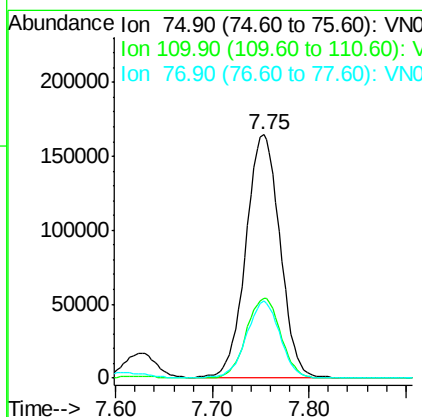
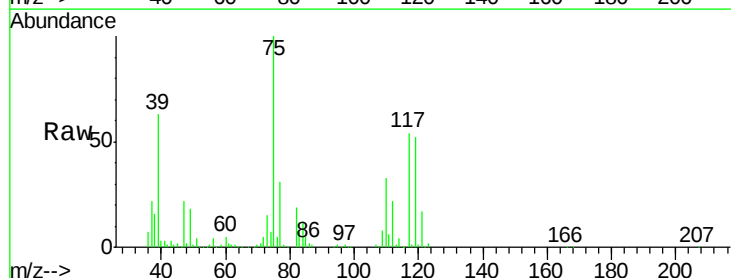
Manual Integrations  
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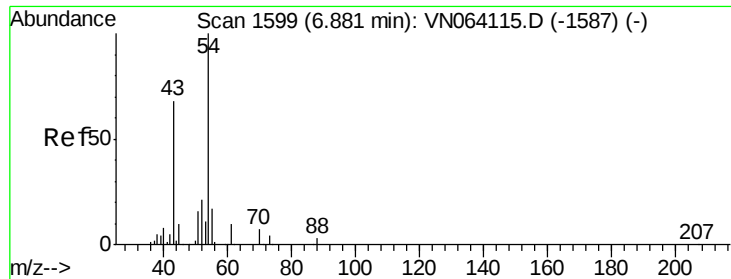
MMDadoda  
 10/19/2020 4:23:15 PM



#36  
 1,1-Dichloropropene  
 Concen: 48.697 ug/l  
 RT: 7.75 min Scan# 1870  
 Delta R.T. -0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 401968 |       |       |
| 110     | 33.1  | 17.8   | 53.3  |       |
| 77      | 31.4  | 24.9   | 37.3  |       |





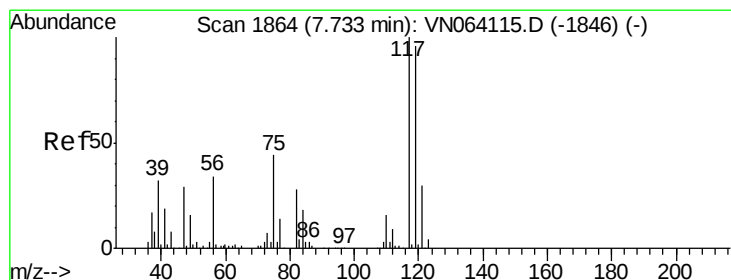
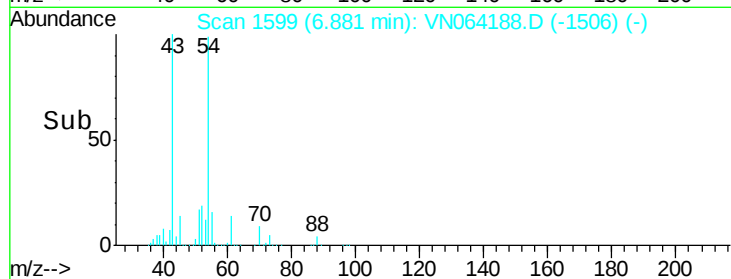
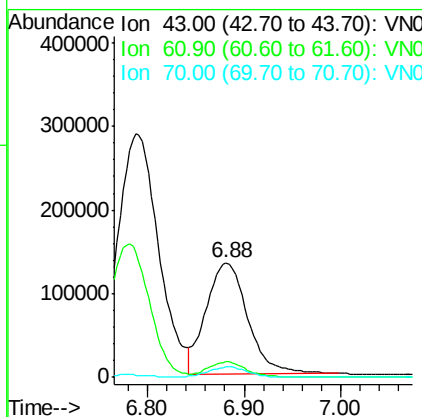
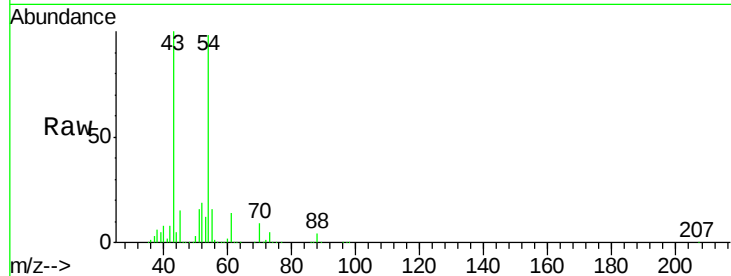
#37  
Ethyl Acetate  
Concen: 54.515 ug/l  
RT: 6.88 min Scan# 1599  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.5  | 11.3  | 16.9  |
| 70      | 8.6   | 7.7   | 11.5  |

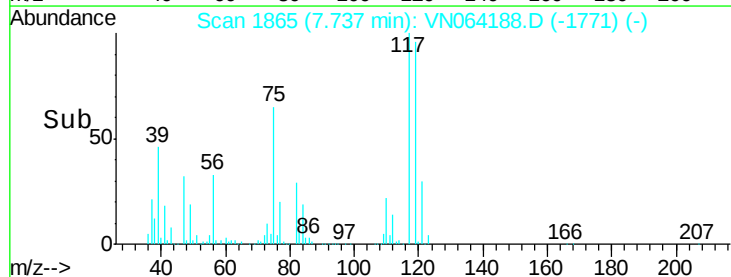
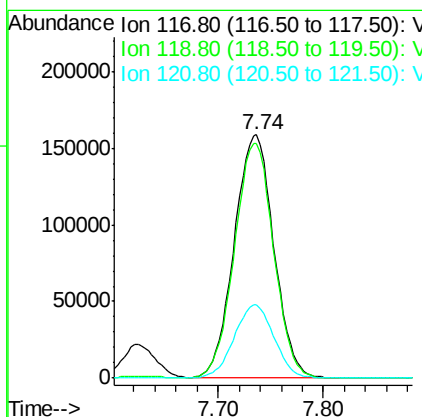
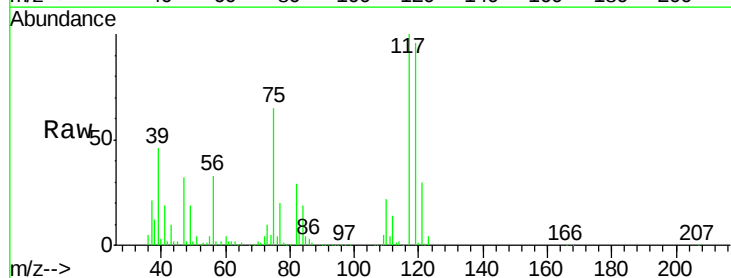
Manual Integrations  
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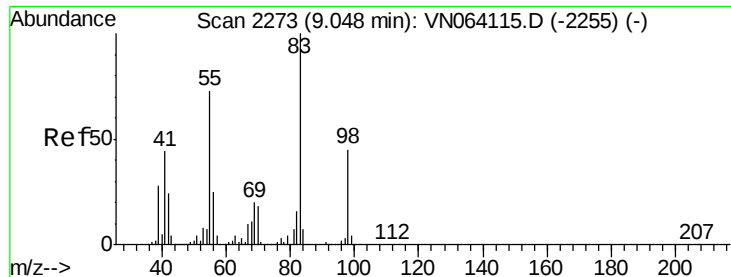
MMDadoda  
10/19/2020 4:23:15 PM



#38  
Carbon Tetrachloride  
Concen: 46.281 ug/l  
RT: 7.74 min Scan# 1865  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.5  | 77.0  | 115.4 |
| 121     | 30.0  | 24.2  | 36.4  |





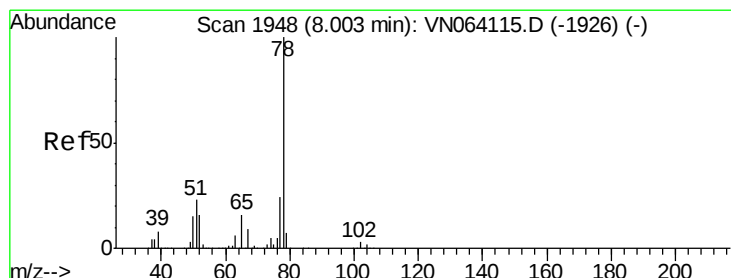
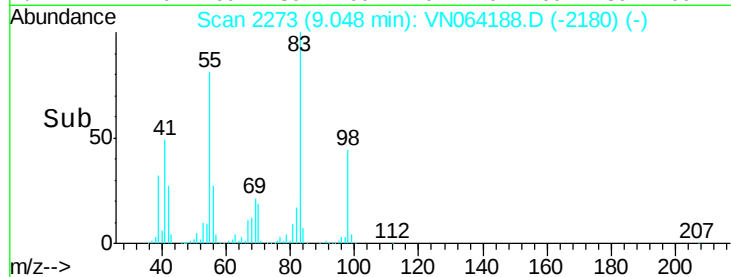
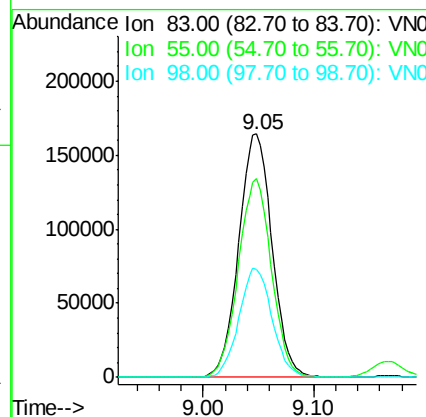
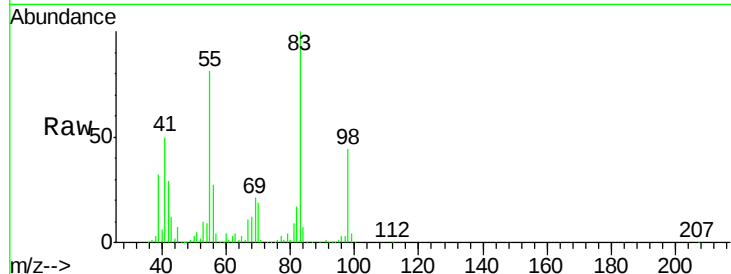
#39  
Methvlcvclohexane  
Concen: 49.674 ug/l  
RT: 9.05 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 81.5  | 58.5  | 87.7  |
| 98      | 44.5  | 36.2  | 54.2  |

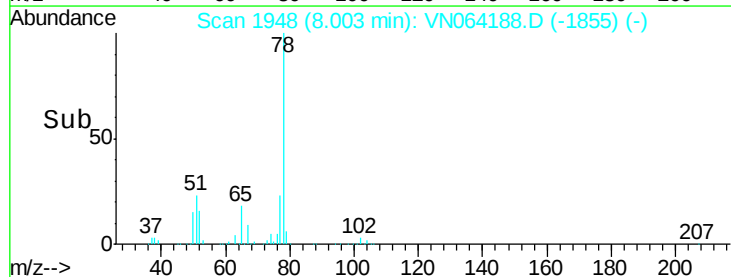
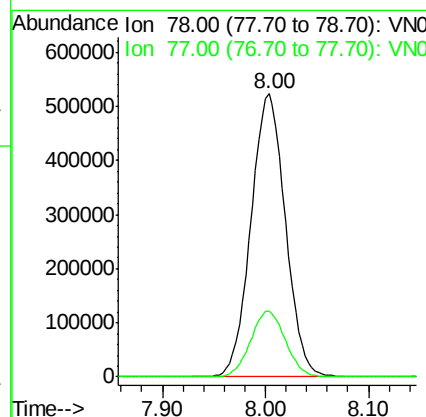
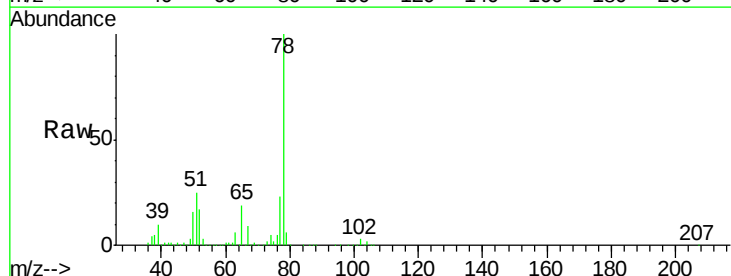
Manual Integrations  
APPROVED

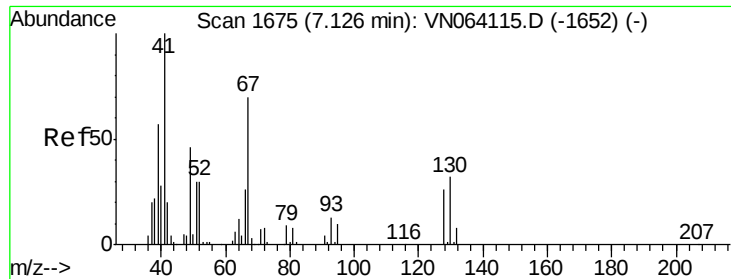
MMDadoda  
10/19/2020 4:23:15 PM



#40  
Benzene  
Concen: 48.524 ug/l  
RT: 8.00 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.4  | 19.3  | 28.9  |





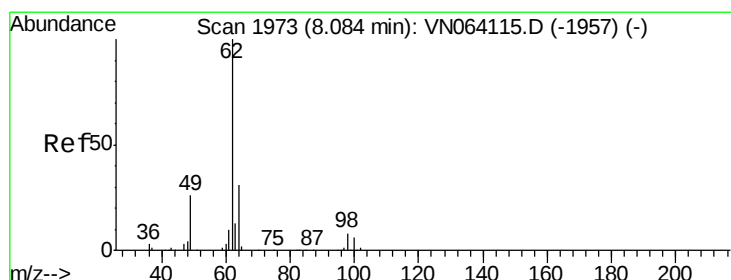
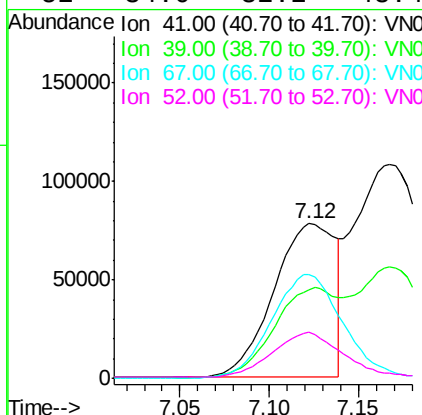
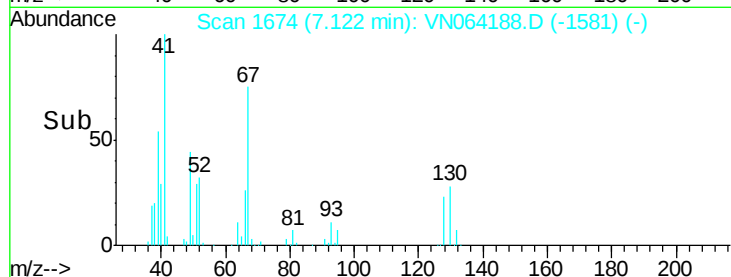
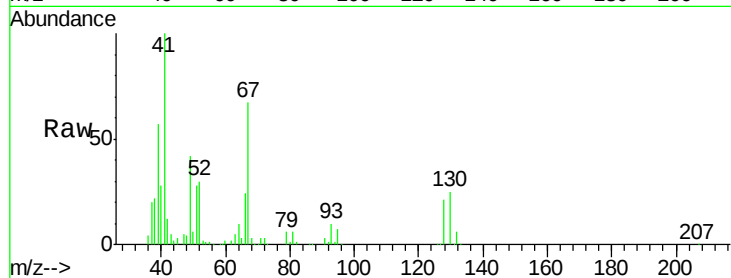
#41  
Methacrylonitrile  
Concen: 59.053 ug/l  
RT: 7.12 min Scan# 1674  
Delta R.T. -0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 58.1 | 50.7  | 76.1  |       |
| 67      | 79.2 | 73.8  | 110.6 |       |
| 52      | 34.0 | 32.2  | 48.4  |       |

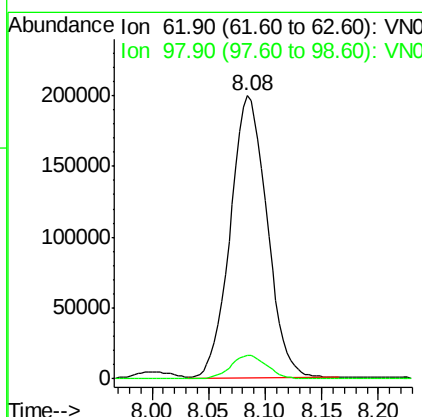
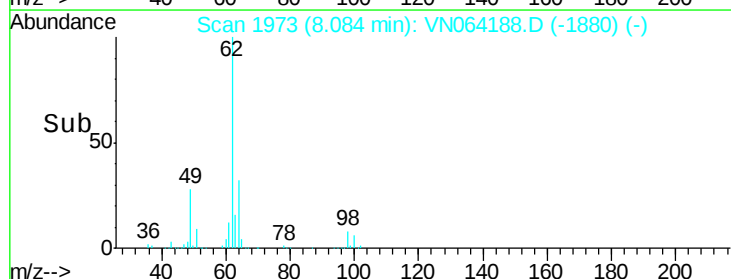
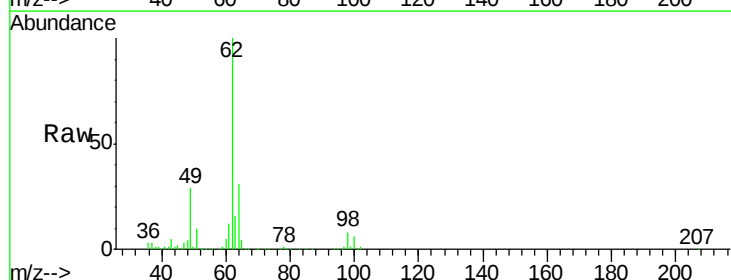
Manual Integrations  
APPROVED

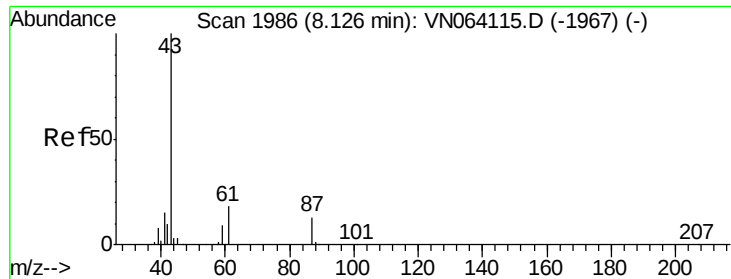
MMDadoda  
10/19/2020 4:23:15 PM



#42  
1,2-Dichloroethane  
Concen: 50.613 ug/l  
RT: 8.08 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.3 | 0.0   | 17.6  |       |





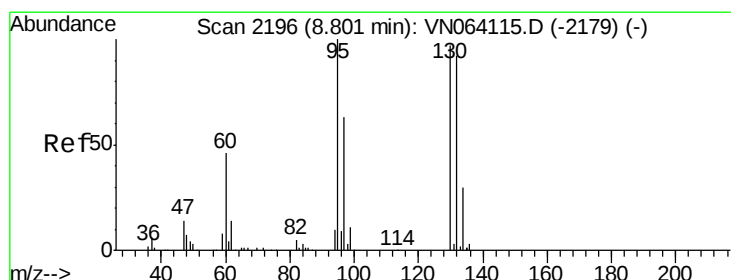
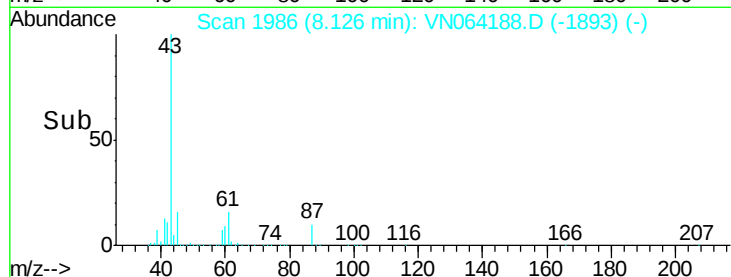
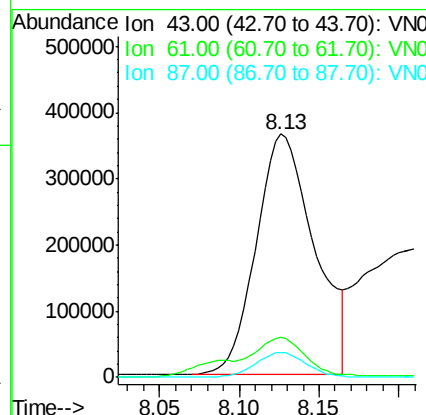
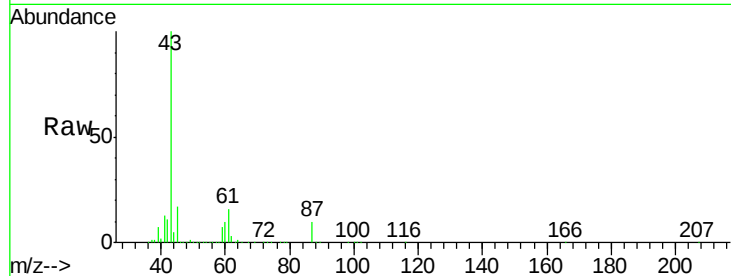
#43  
Isopropyl Acetate  
Concen: 75.343 ug/l  
RT: 8.13 min Scan# 1986  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.3  | 21.9  | 32.9# |
| 87      | 9.0   | 11.0  | 16.4# |

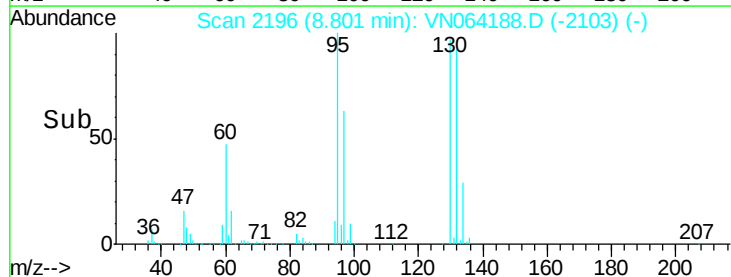
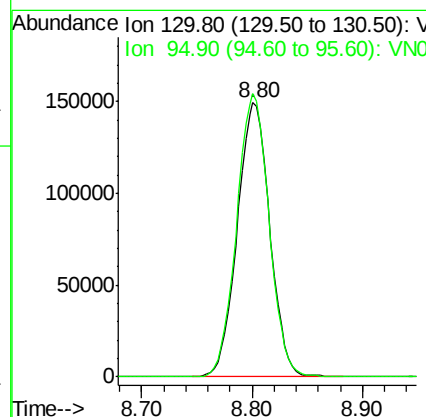
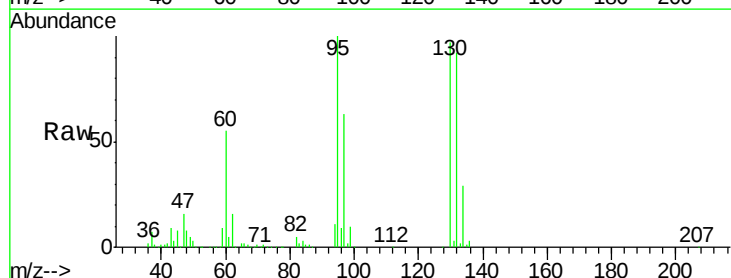
Manual Integrations  
APPROVED

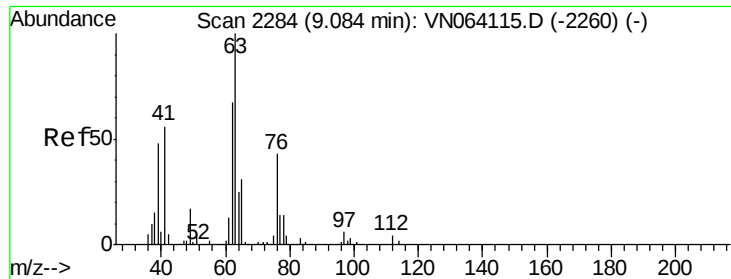
MMDadoda  
10/19/2020 4:23:15 PM



#44  
Trichloroethene  
Concen: 46.396 ug/l  
RT: 8.80 min Scan# 2196  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 103.2 | 0.0   | 206.2 |





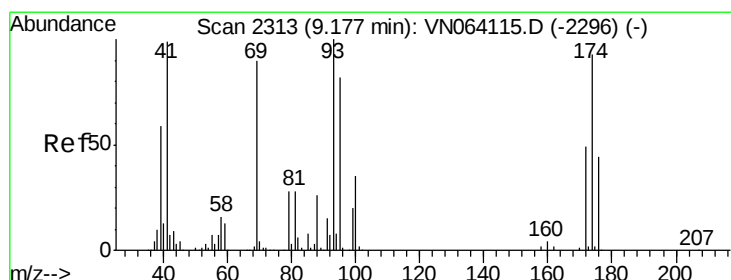
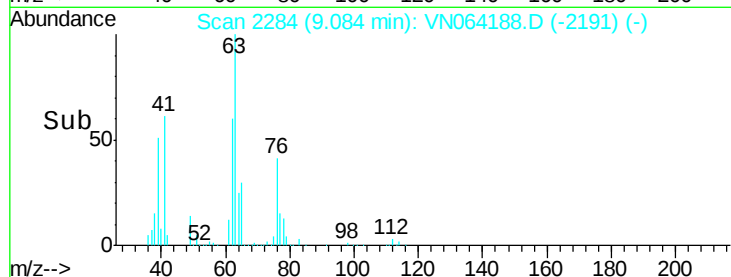
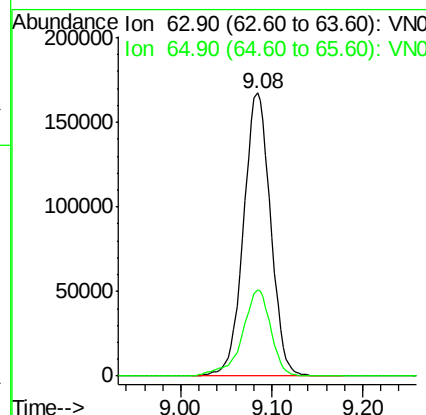
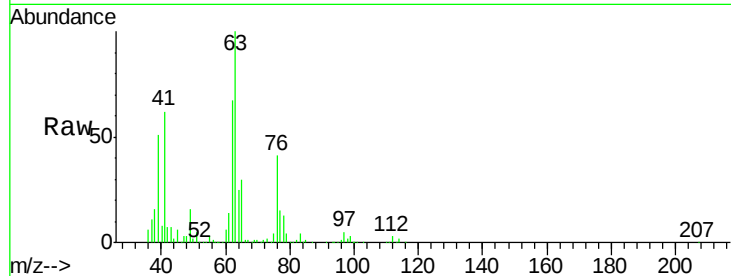
#45  
 1,2-Dichloropropane  
 Concen: 52.788 ug/l  
 RT: 9.08 min Scan# 2284  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion   | 63    | Resp  | 345719 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 65        | 30.3  | 25.0  | 37.6   |

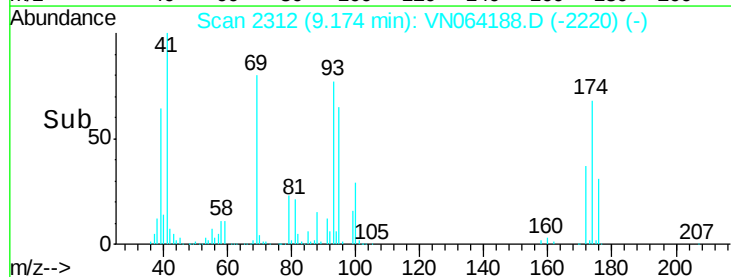
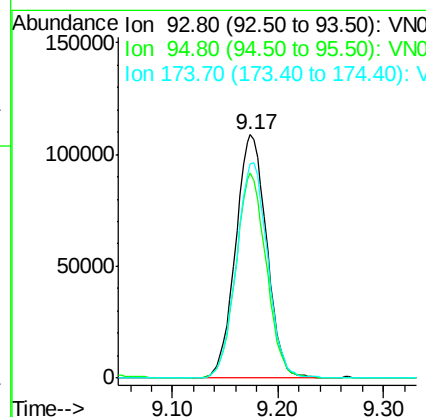
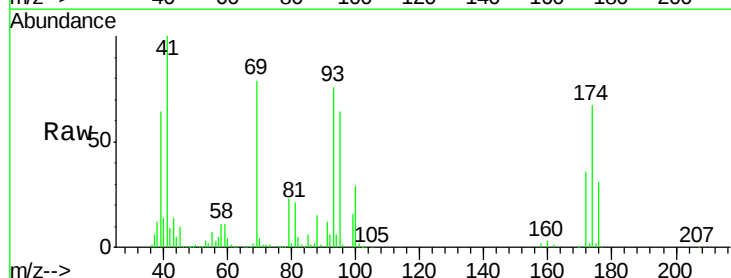
Manual Integrations  
 APPROVED

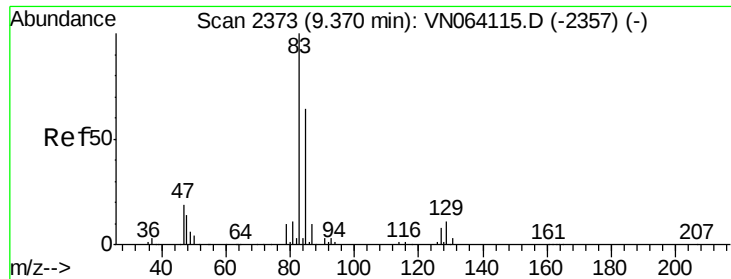
MMDadoda  
 10/19/2020 4:23:15 PM



#46  
 Dibromomethane  
 Concen: 47.799 ug/l  
 RT: 9.17 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

| Tgt Ion   | 93    | Resp  | 222091 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 82.5  | 66.8  | 100.2  |
| 174       | 88.7  | 75.2  | 112.8  |





#47

Bromodichloromethane

Concen: 50.541 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

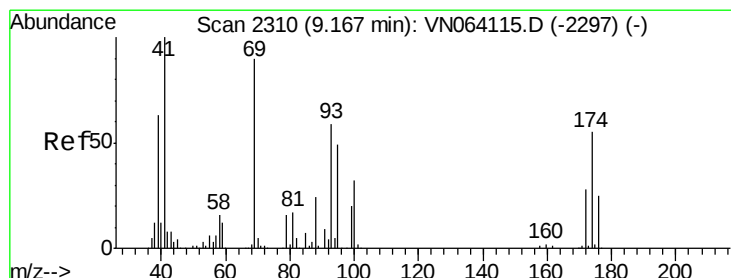
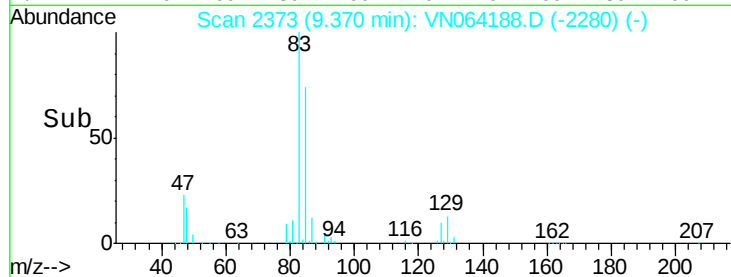
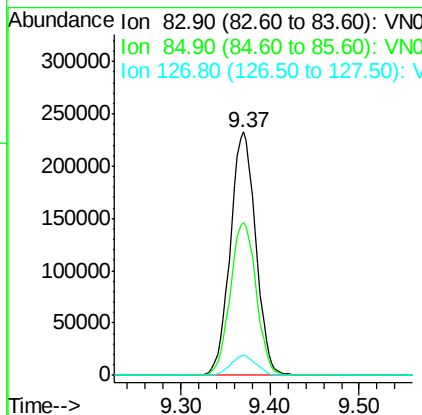
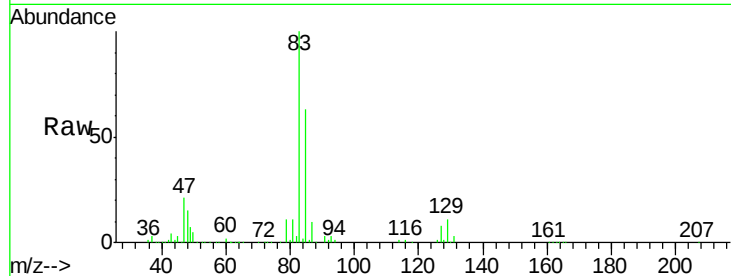
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 459456 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 62.7  | 50.8  | 76.2   |
| 127       | 8.2   | 6.6   | 9.8    |

Manual Integrations  
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MMDadoda  
10/19/2020 4:23:15 PM



#48

Methyl methacrylate

Concen: 58.756 ug/l

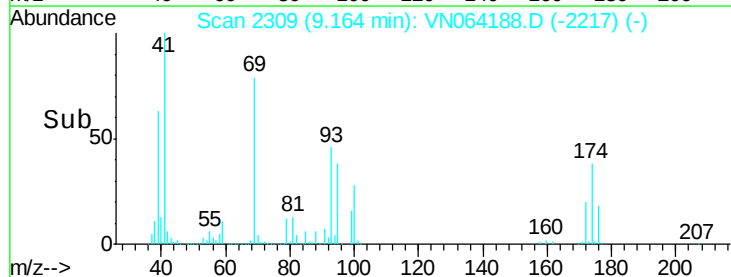
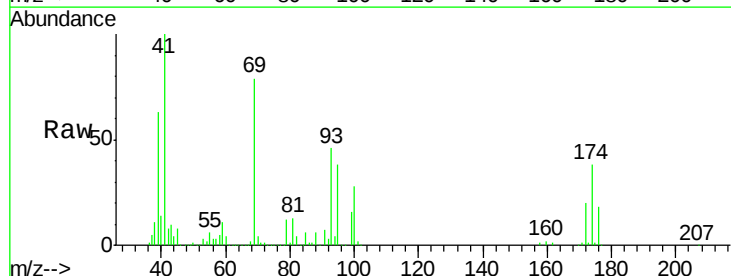
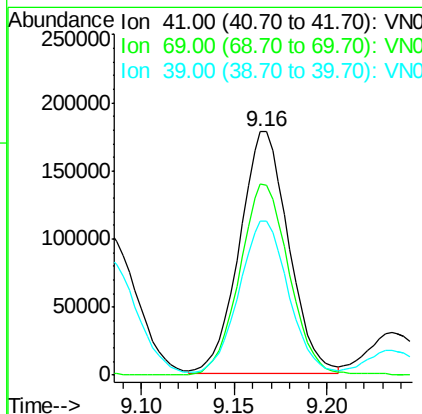
RT: 9.16 min Scan# 2309

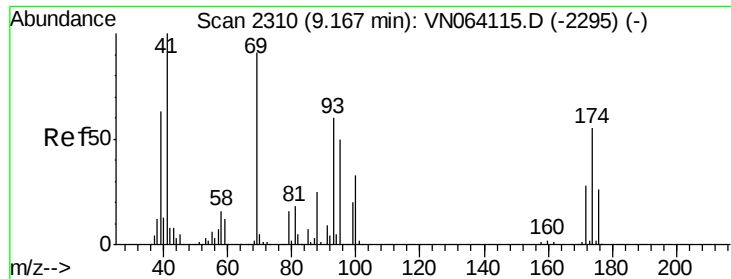
Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 329926 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 78.9  | 71.4  | 107.2  |
| 39        | 63.5  | 52.5  | 78.7   |





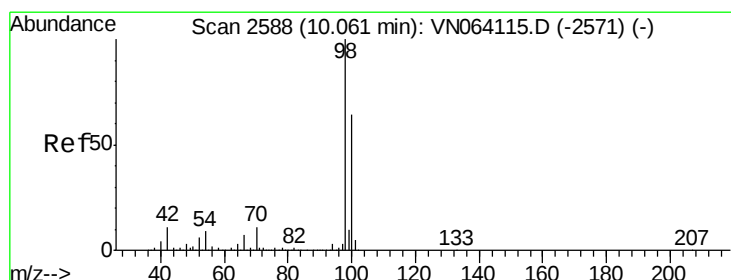
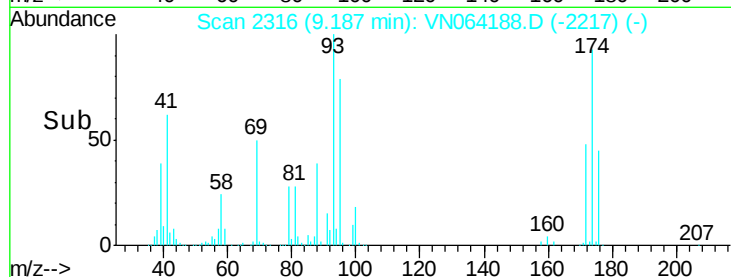
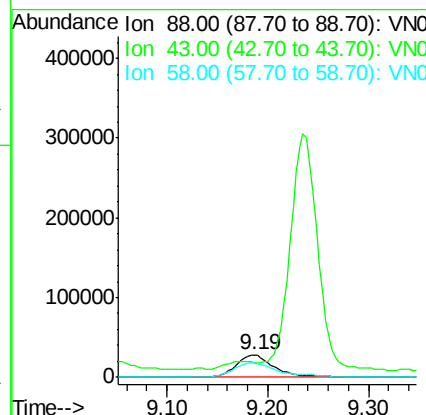
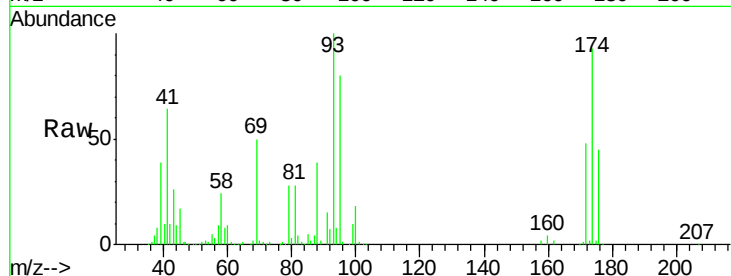
#49  
1,4-Dioxane  
Concen: 871.325 ug/l  
RT: 9.19 min Scan# 2316  
Delta R.T. 0.02 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 88    | Resp  | 74294 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 26.7  | 27.2  | 40.8# |
| 58      | 66.4  | 52.6  | 78.8  |

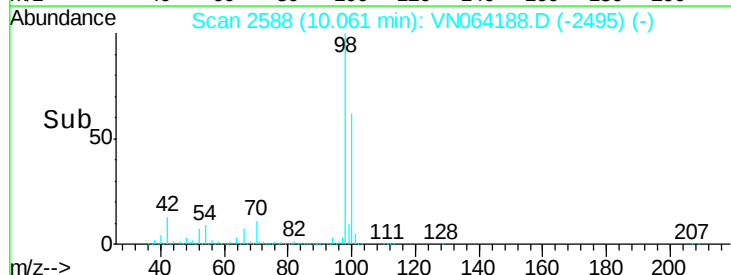
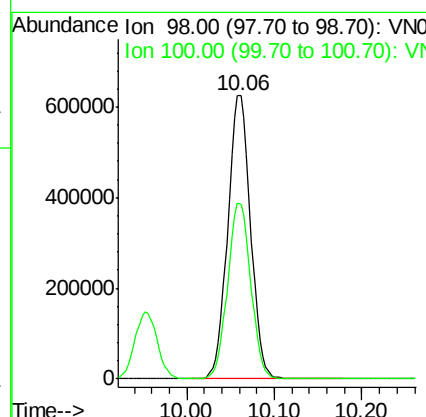
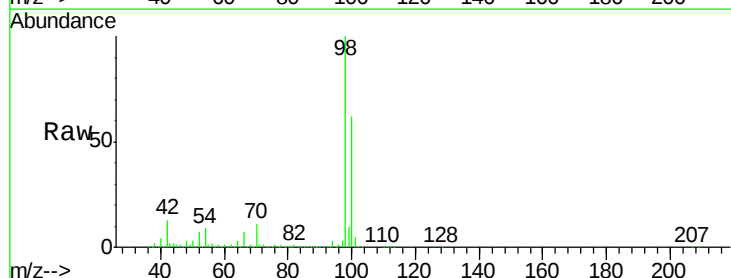
Manual Integrations  
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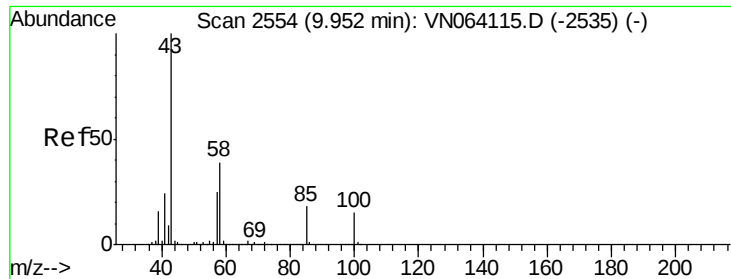
MMDadoda  
10/19/2020 4:23:15 PM



#50  
Toluene-d8  
Concen: 50.524 ug/l  
RT: 10.06 min Scan# 2588  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

| Tgt Ion | 98    | Resp  | 1129983 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 98      | 100   |       |         |
| 100     | 62.7  | 50.8  | 76.2    |





#51

4-Methyl-2-Pentanone

Concen: 282.517 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2032213

Ion Ratio Lower Upper

43 100

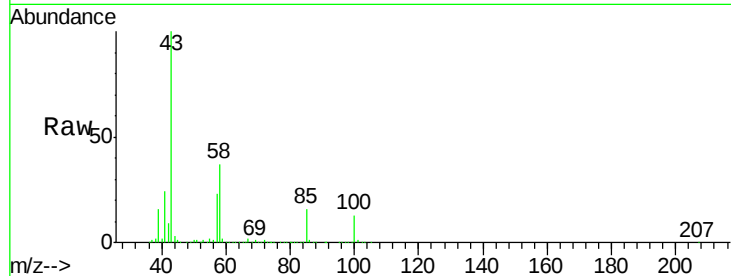
58 36.4 31.2 46.8

Manual Integrations

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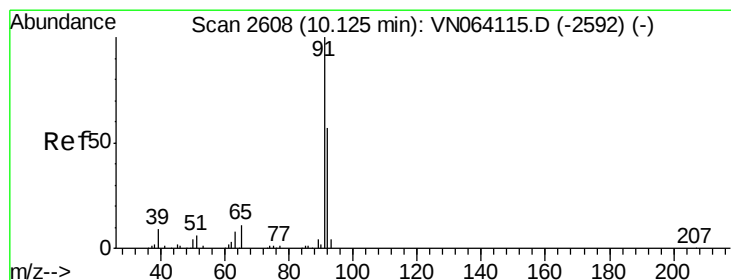
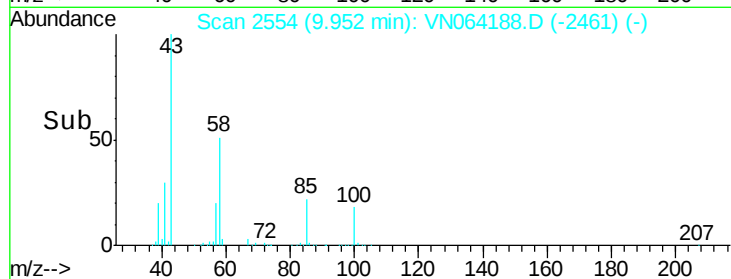
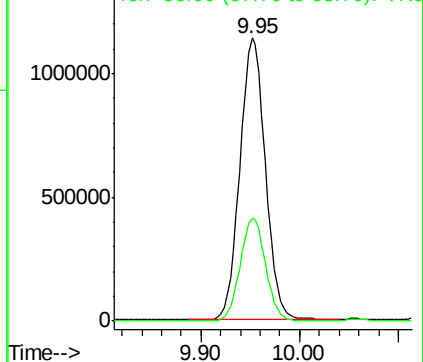
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 48.065 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064188.D

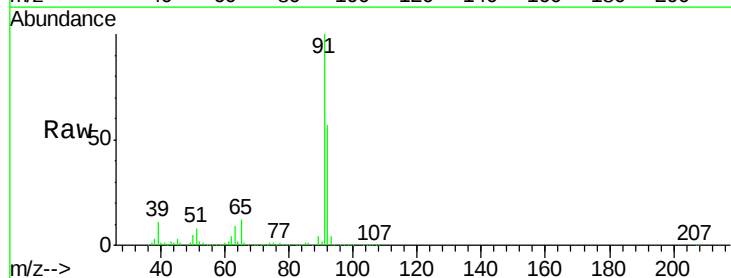
Acq: 17 Oct 2020 00:39

Tgt Ion: 92 Resp: 738238

Ion Ratio Lower Upper

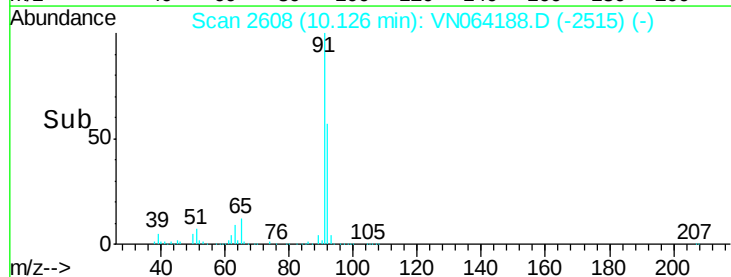
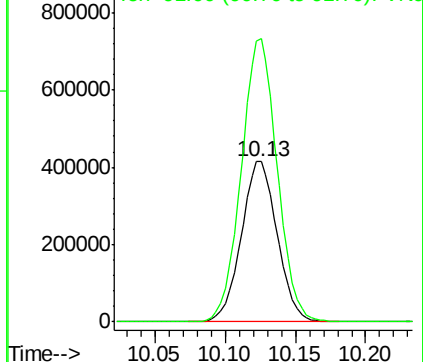
92 100

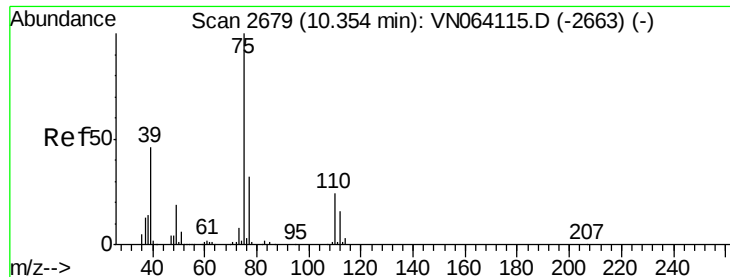
91 177.0 141.2 211.8



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: 55.595 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 518561

Ion Ratio Lower Upper

75 100

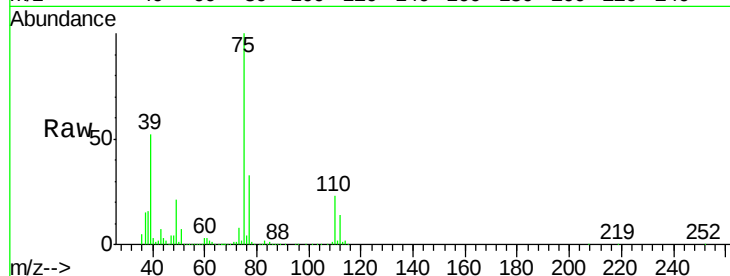
77 32.2 25.6 38.4

Manual Integrations

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10/19/2020 4:23:15 PM



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

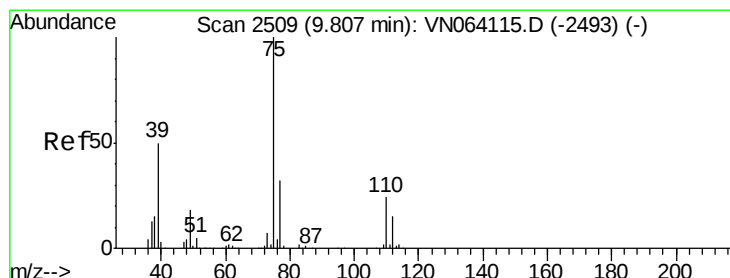
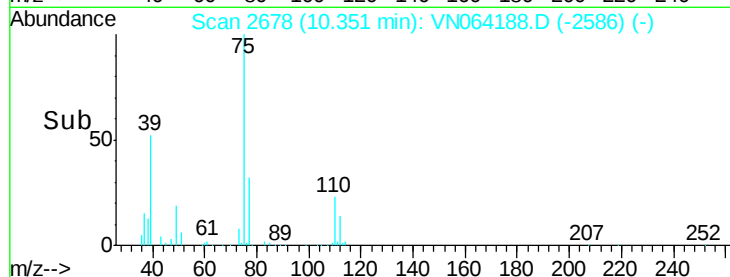
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.123 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

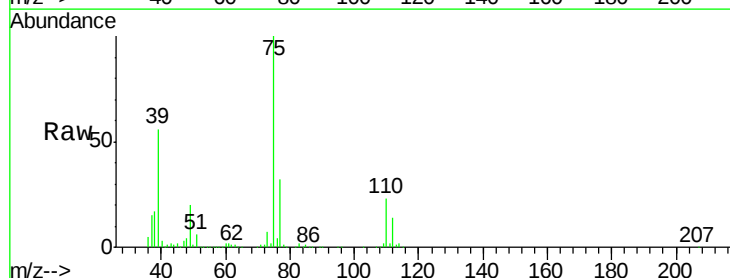
Tgt Ion: 75 Resp: 503457

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

39 55.7 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

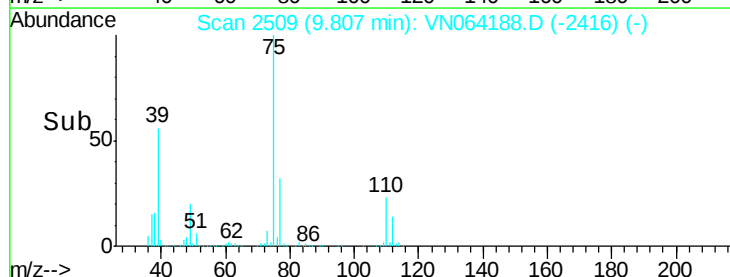
300000

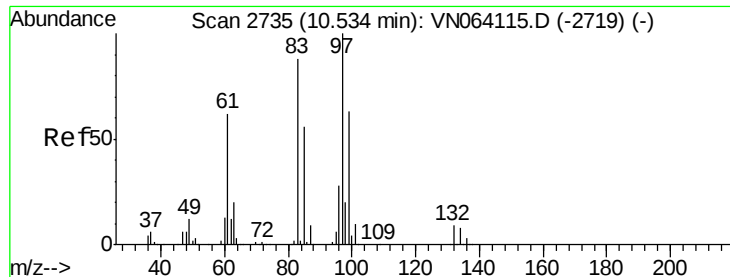
200000

100000

0

Time-->





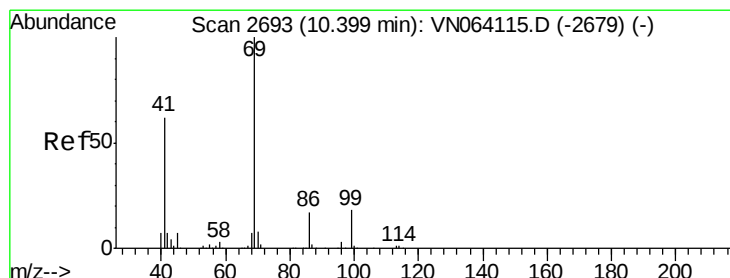
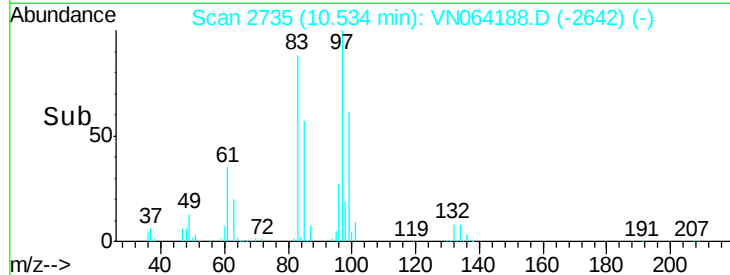
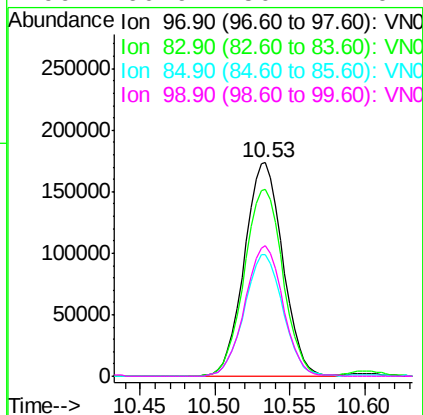
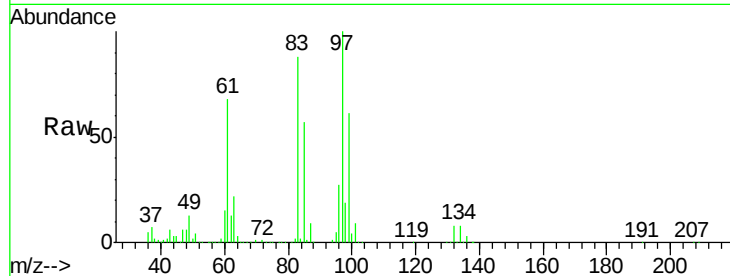
#55  
 1,1,2-Trichloroethane  
 Concen: 48.717 ug/l  
 RT: 10.53 min Scan# 2735  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 309981 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.6  | 70.2  | 105.4  |
| 85       | 57.2  | 45.0  | 67.6   |
| 99       | 60.9  | 50.7  | 76.1   |

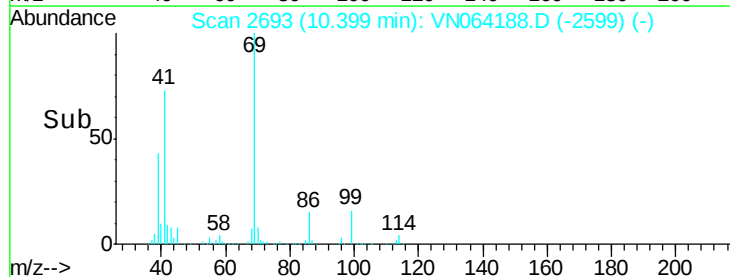
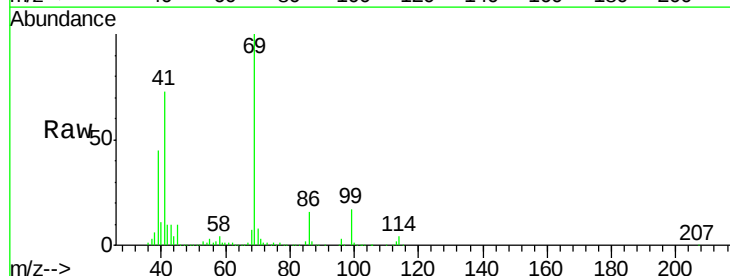
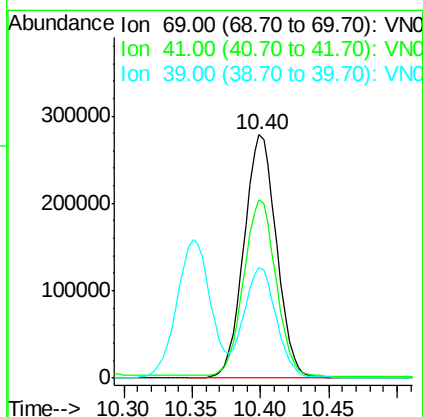
Manual Integrations  
 APPROVED

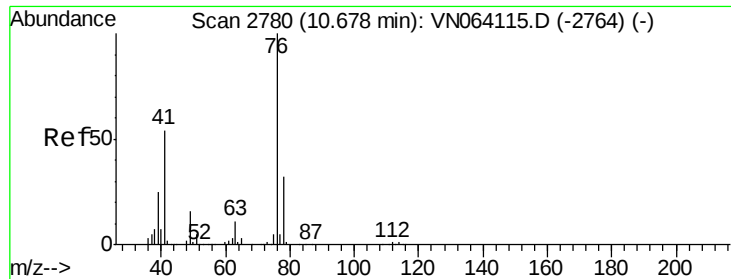
MMDadoda  
 10/19/2020 4:23:15 PM



#56  
 Ethyl methacrylate  
 Concen: 50.019 ug/l  
 RT: 10.40 min Scan# 2693  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 461159 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 72.2  | 49.3  | 73.9   |
| 39       | 44.9  | 32.7  | 49.1   |





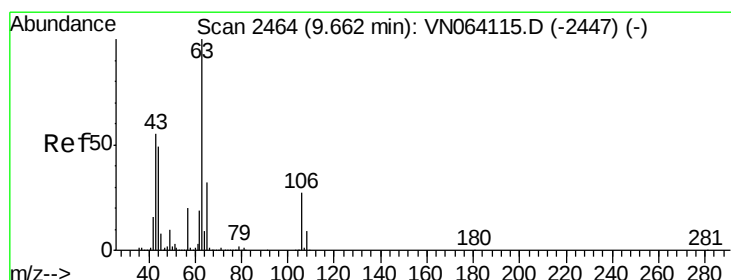
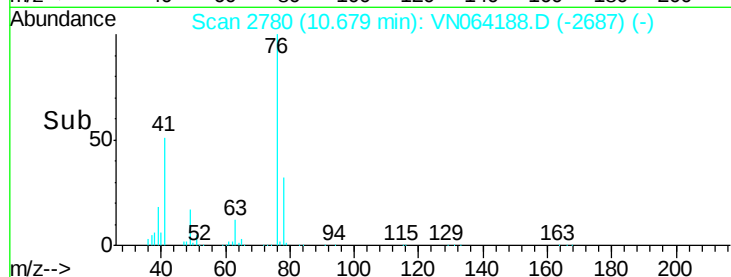
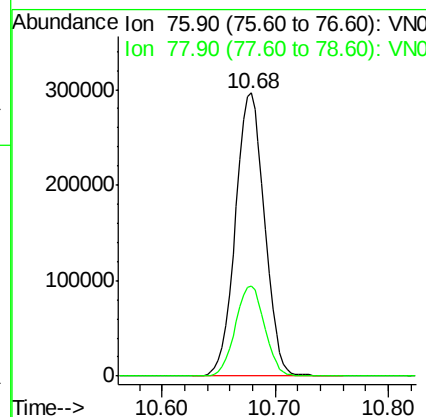
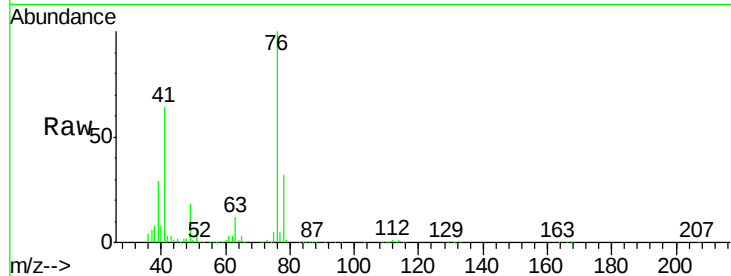
#57  
 1,3-Dichloropropane  
 Concen: 50.665 ug/l  
 RT: 10.68 min Scan# 2780  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.1  | 26.1  | 39.1  |

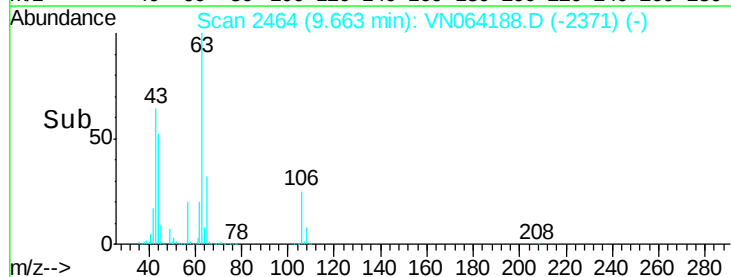
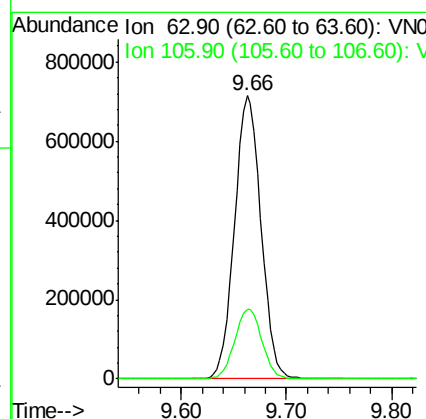
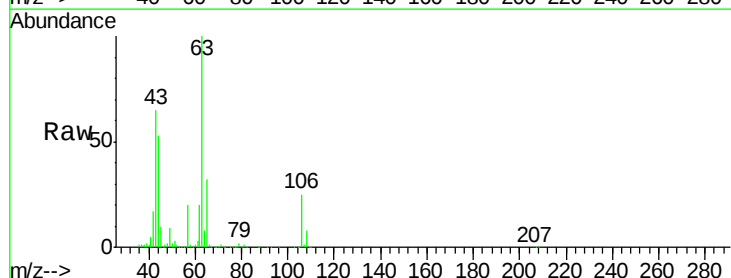
Manual Integrations  
 APPROVED

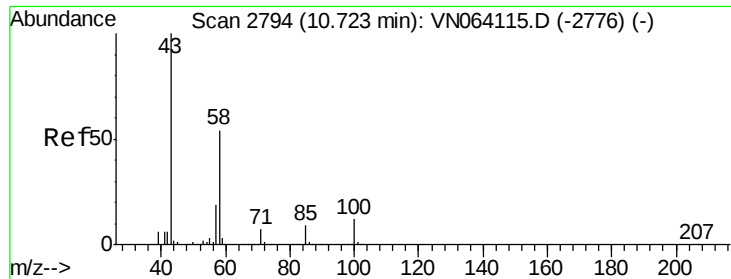
MMDadoda  
 10/19/2020 4:23:15 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 263.679 ug/l  
 RT: 9.66 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 25.3  | 21.8  | 32.6  |





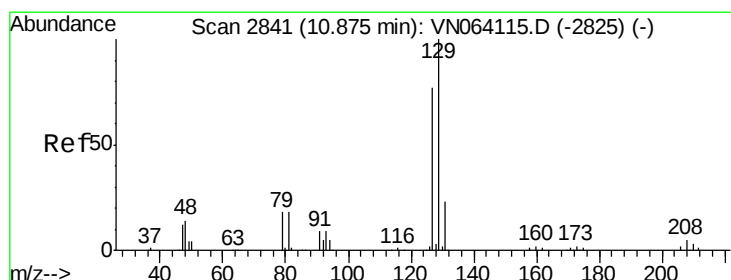
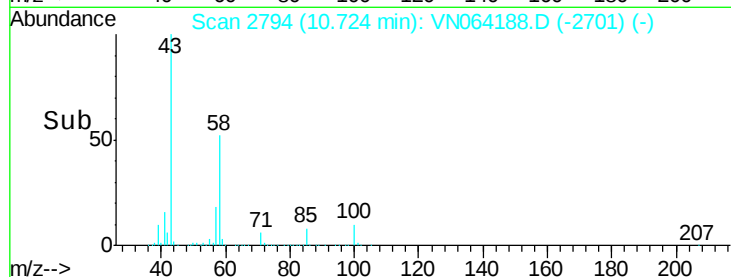
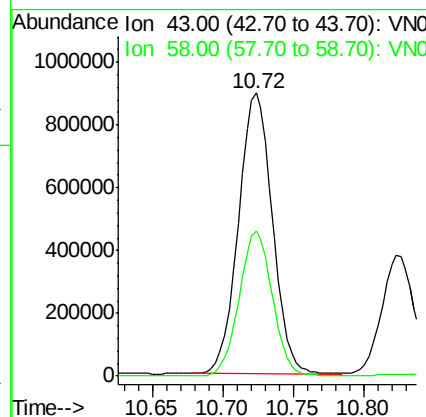
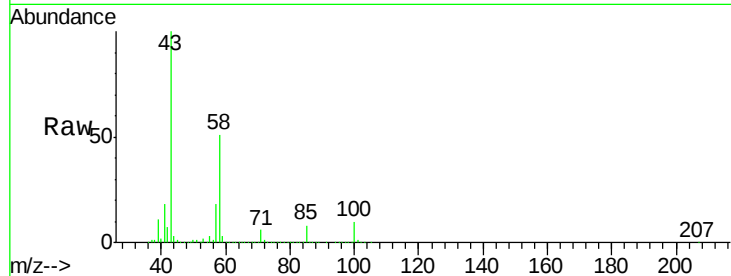
#59  
2-Hexanone  
Concen: 269.835 ug/l  
RT: 10.72 min Scan# 2794  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1503408  
Ion Ratio Lower Upper  
43 100  
58 50.6 27.2 81.6

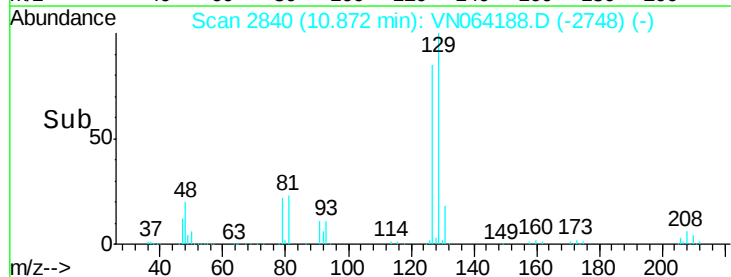
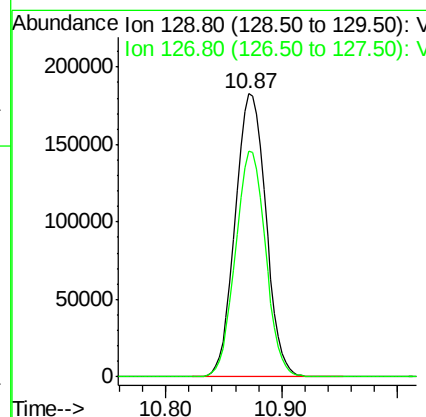
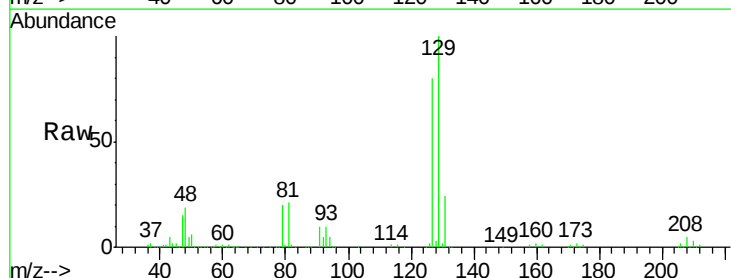
Manual Integrations  
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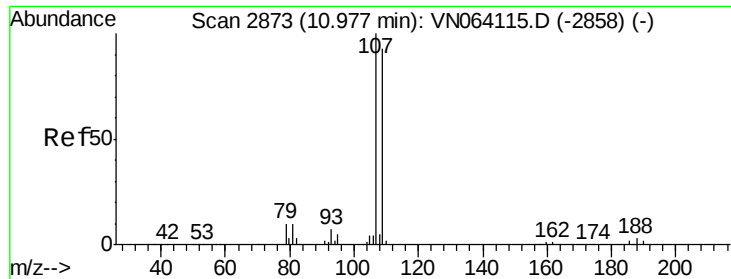
MMDadoda  
10/19/2020 4:23:15 PM



#60  
Dibromochloromethane  
Concen: 46.876 ug/l  
RT: 10.87 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Tgt Ion: 129 Resp: 335046  
Ion Ratio Lower Upper  
129 100  
127 78.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 47.331 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 306537

Ion Ratio Lower Upper

107 100

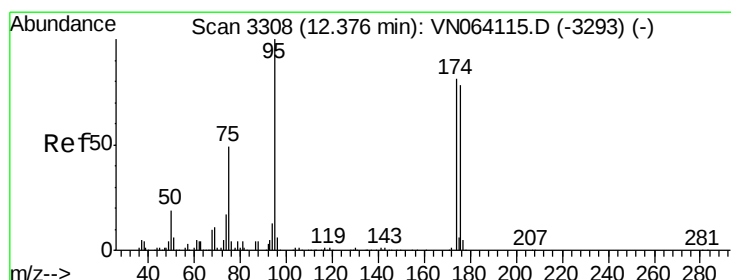
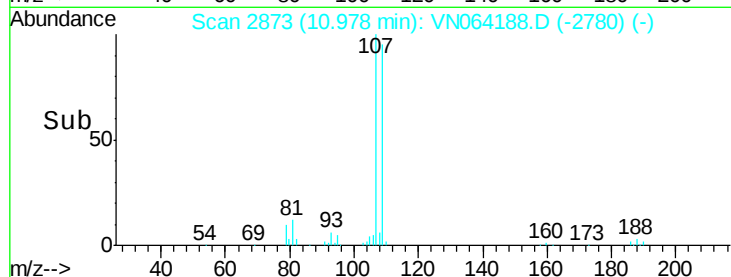
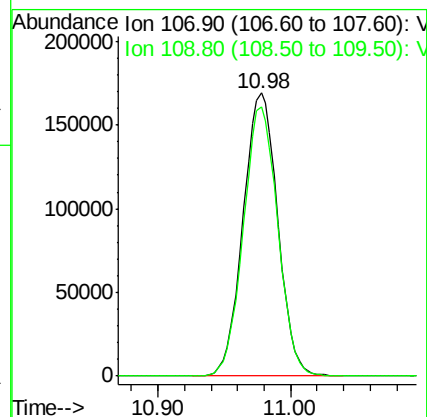
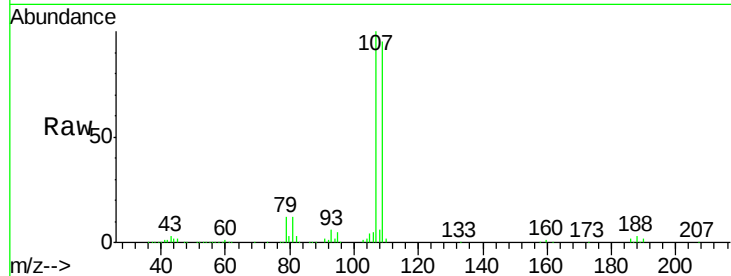
109 94.9 75.2 112.8

Manual Integrations

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MMDadoda

10/19/2020 4:23:15 PM



#62

4-Bromofluorobenzene

Concen: 49.893 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

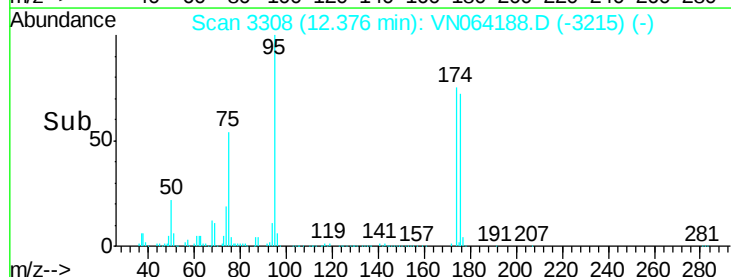
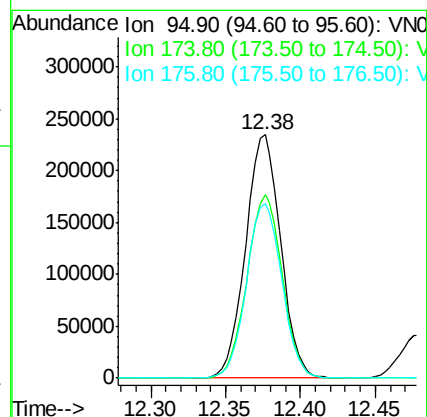
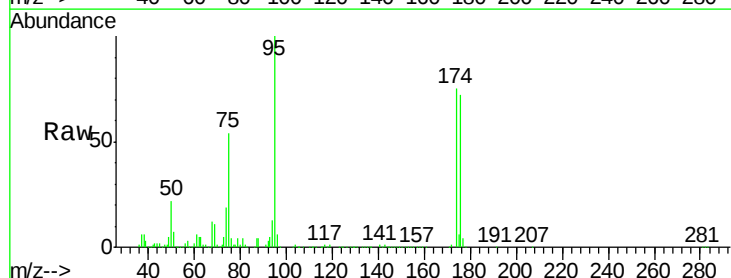
Tgt Ion: 95 Resp: 383554

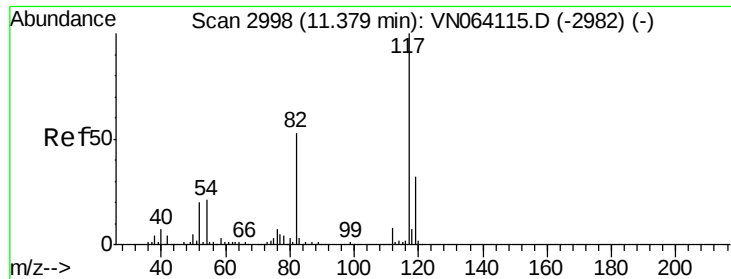
Ion Ratio Lower Upper

95 100

174 75.7 0.0 164.8

176 72.4 0.0 157.8





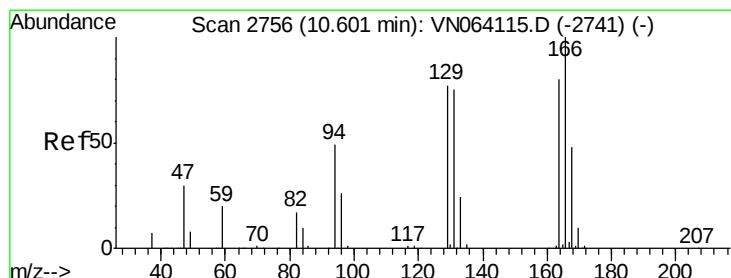
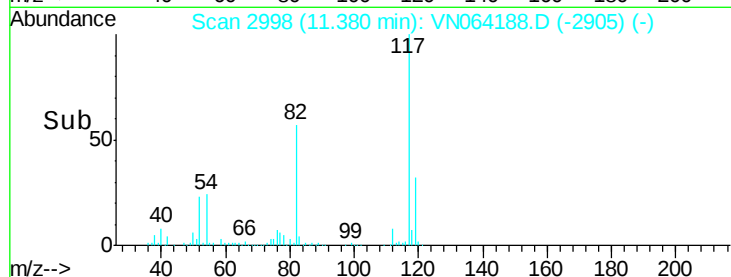
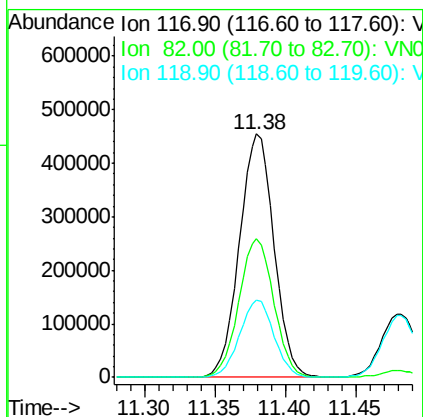
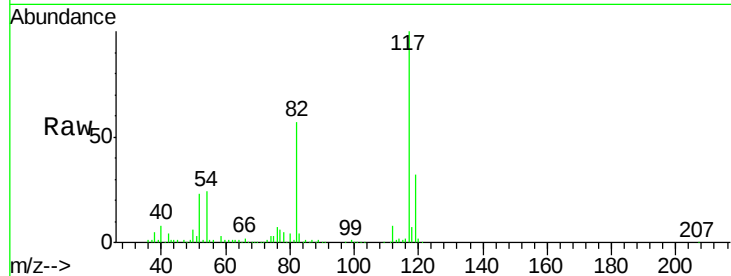
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 781225 |       |       |
| 82      | 56.7  |        | 42.6  | 63.8  |
| 119     | 31.9  |        | 25.5  | 38.3  |

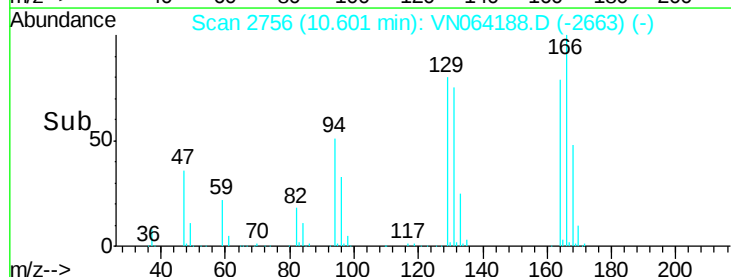
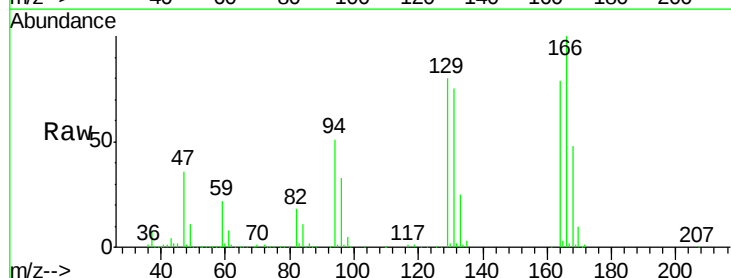
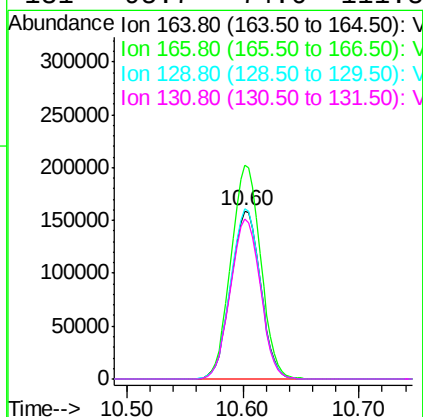
Manual Integrations  
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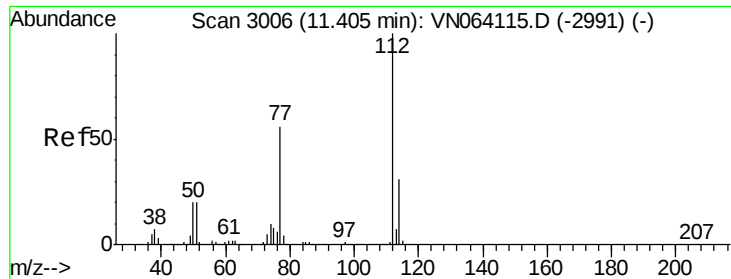
MMDadoda  
10/19/2020 4:23:15 PM



#64  
Tetrachloroethene  
Concen: 47.923 ug/l  
RT: 10.60 min Scan# 2756  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 282263 |       |       |
| 166     | 127.2 |        | 99.7  | 149.5 |
| 129     | 101.3 |        | 77.0  | 115.4 |
| 131     | 95.7  |        | 74.6  | 111.8 |





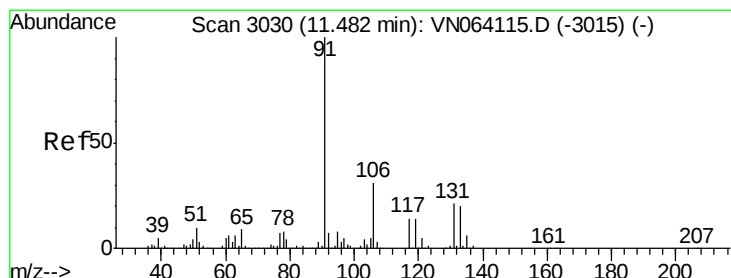
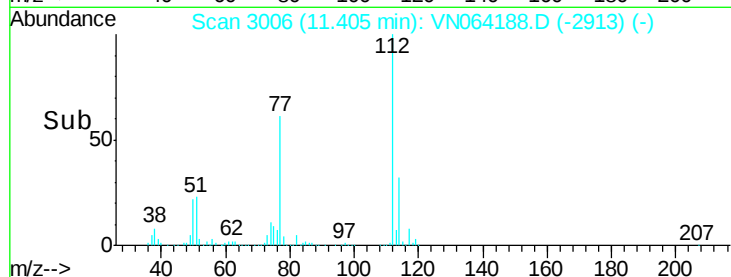
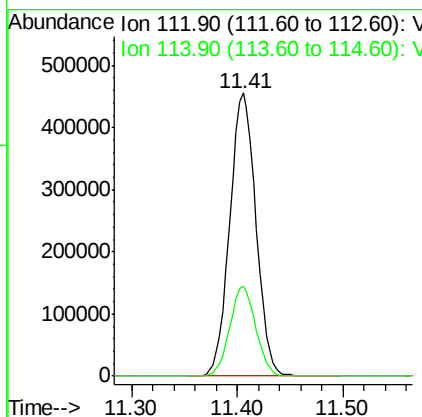
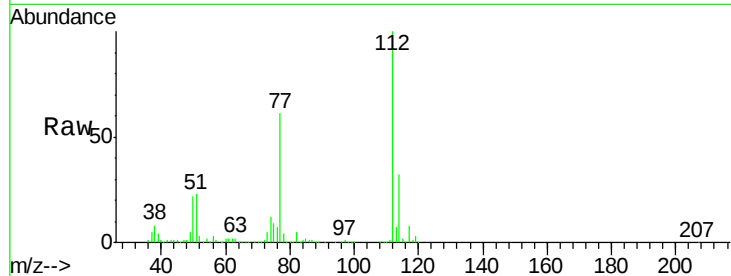
#65  
Chlorobenzene  
Concen: 47.419 ug/l  
RT: 11.41 min Scan# 3006  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.8  | 24.6  | 37.0  |

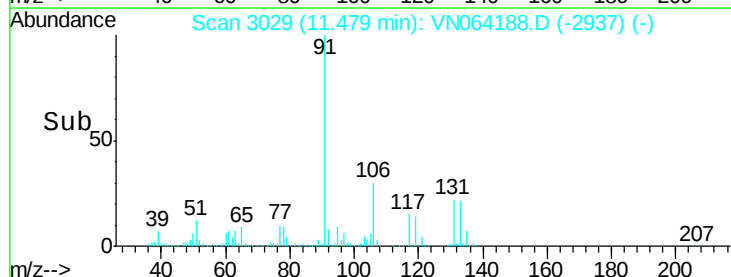
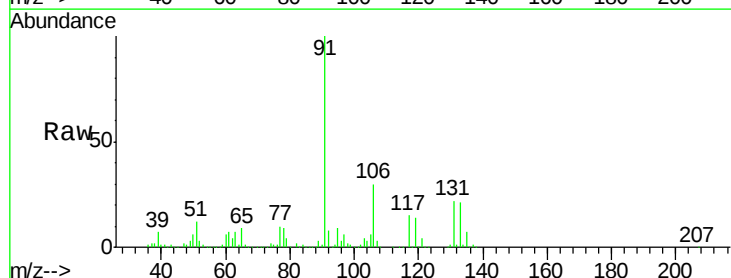
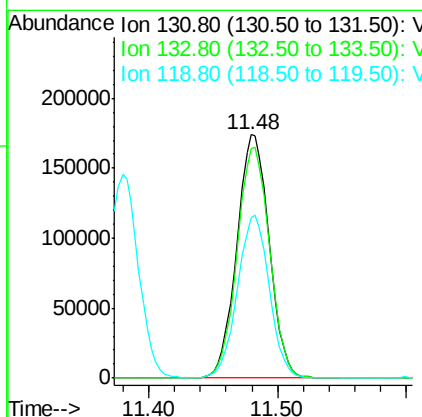
Manual Integrations  
APPROVED

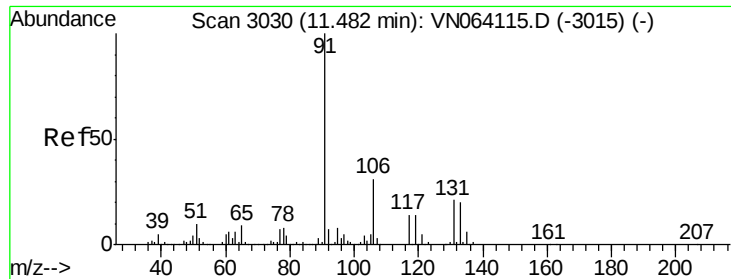
MMDadoda  
10/19/2020 4:23:15 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.635 ug/l  
RT: 11.48 min Scan# 3029  
Delta R.T. -0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.5  | 47.3  | 141.9 |
| 119     | 65.6  | 32.8  | 98.4  |





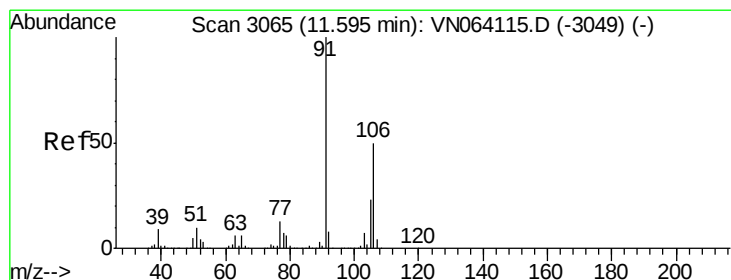
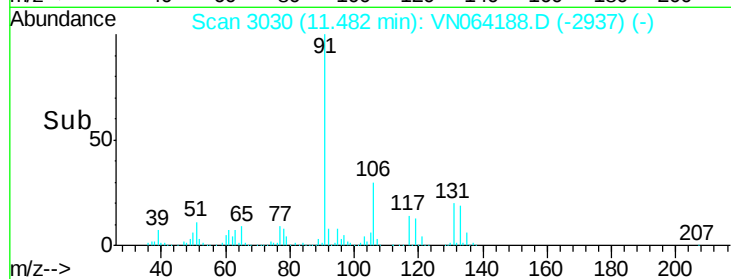
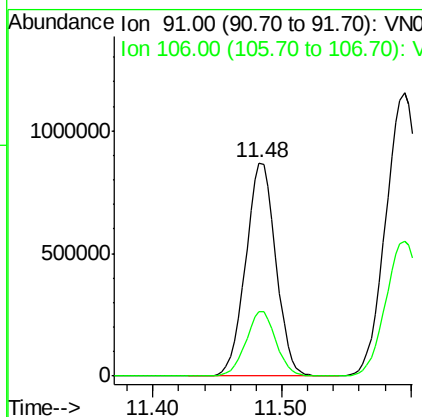
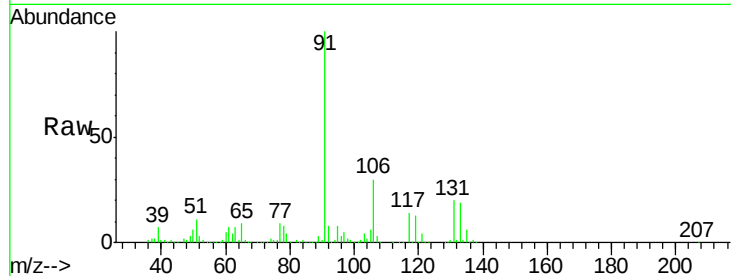
#67  
Ethyl Benzene  
Concen: 51.313 ug/l  
RT: 11.48 min Scan# 3030  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 1414121  
Ion Ratio Lower Upper  
91 100  
106 30.3 24.7 37.1

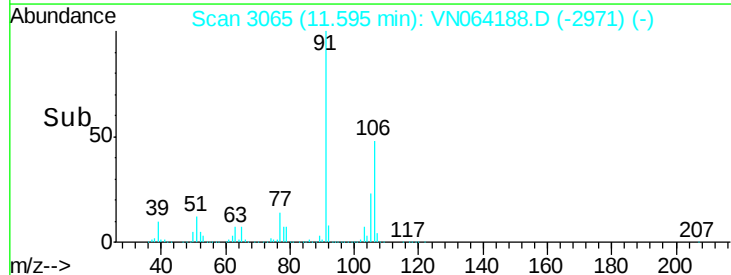
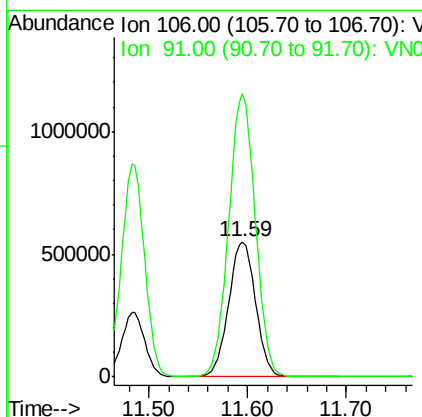
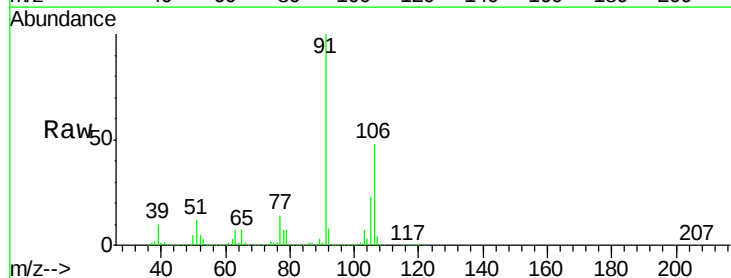
Manual Integrations  
APPROVED

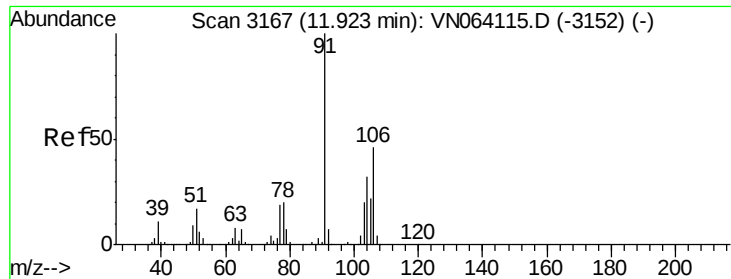
MMDadoda  
10/19/2020 4:23:15 PM



#68  
m/p-Xylenes  
Concen: 92.401 ug/l  
RT: 11.59 min Scan# 3065  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Tgt Ion: 106 Resp: 1047823  
Ion Ratio Lower Upper  
106 100  
91 207.9 162.1 243.1





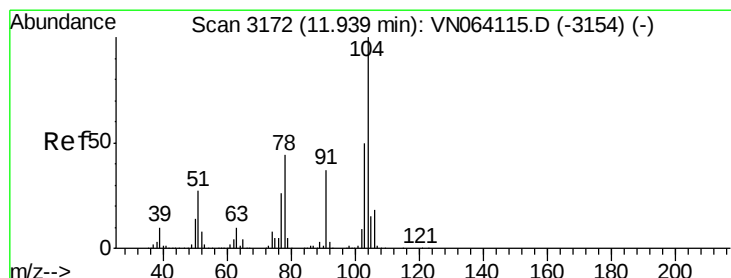
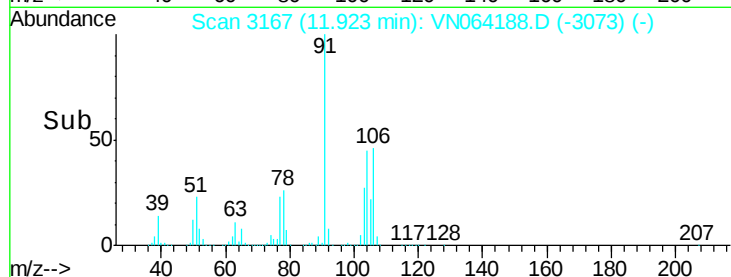
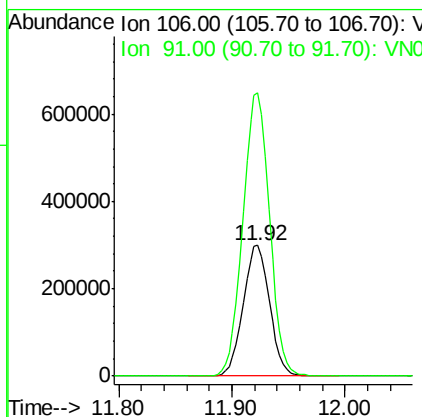
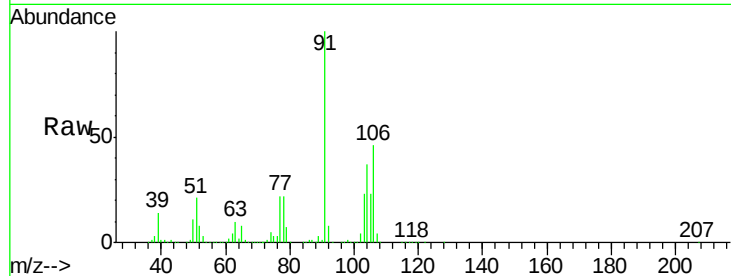
#69  
o-Xylene  
Concen: 44.945 ug/l  
RT: 11.92 min Scan# 3167  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 486806  
Ion Ratio Lower Upper  
106 100  
91 218.9 107.6 322.8

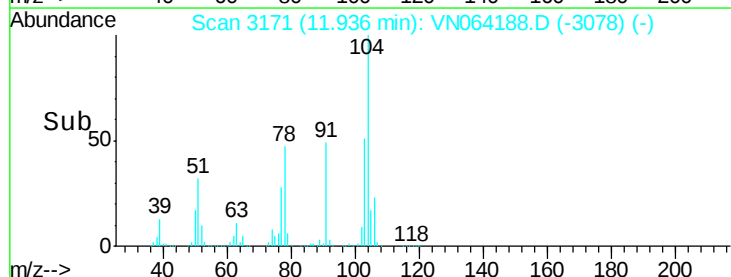
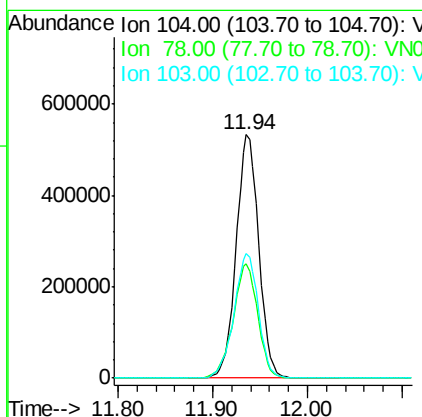
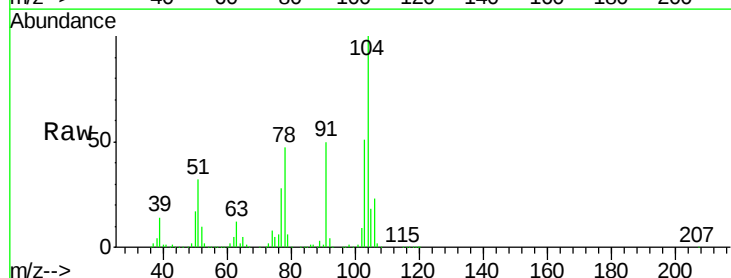
Manual Integrations  
APPROVED

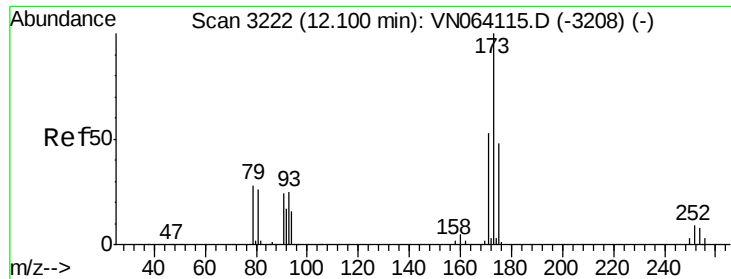
MMDadoda  
10/19/2020 4:23:15 PM



#70  
Styrene  
Concen: 47.233 ug/l  
RT: 11.94 min Scan# 3171  
Delta R.T. -0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Tgt Ion:104 Resp: 883211  
Ion Ratio Lower Upper  
104 100  
78 51.0 39.7 59.5  
103 55.2 44.2 66.2





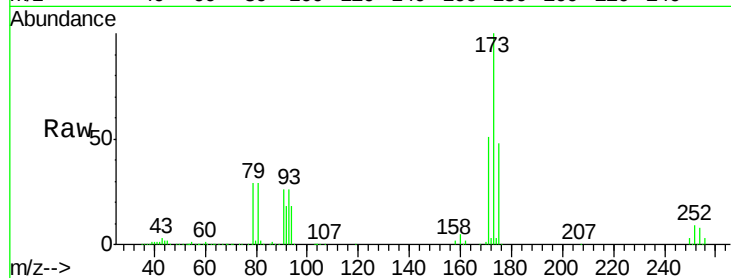
#71  
Bromoform  
Concen: 43.690 ug/l  
RT: 12.10 min Scan# 3222  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

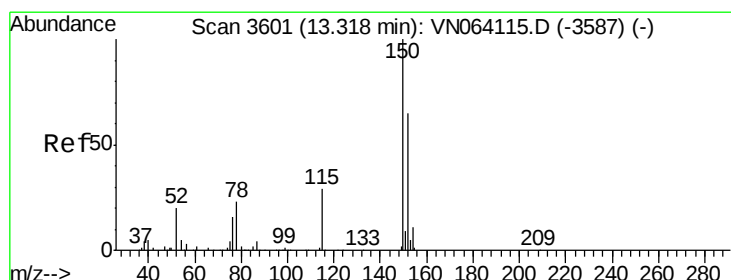
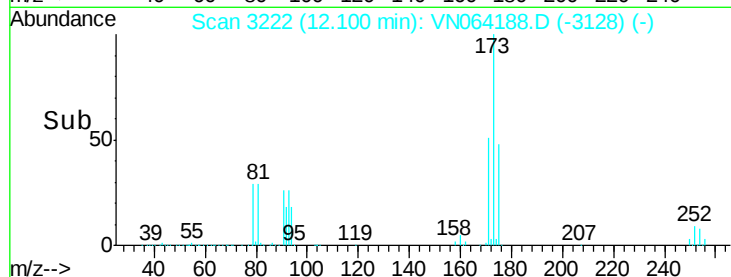
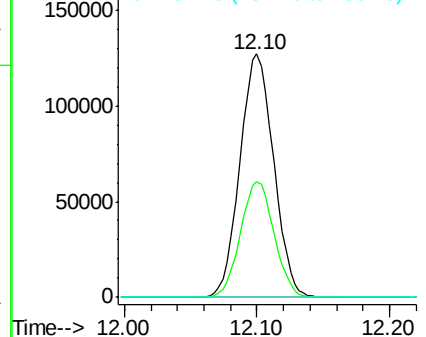
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.6  | 23.4  | 70.2  |
| 254     | 0.1   | 0.1   | 0.1   |

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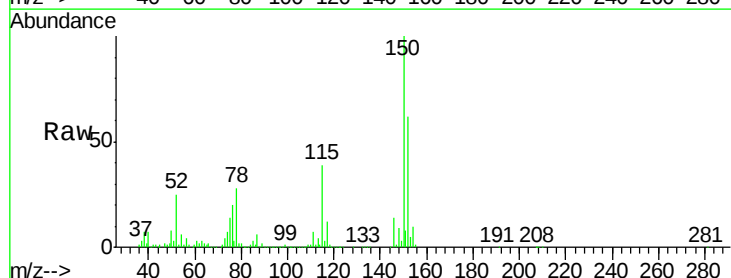


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

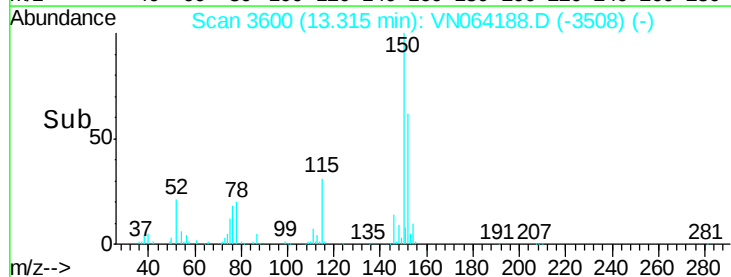
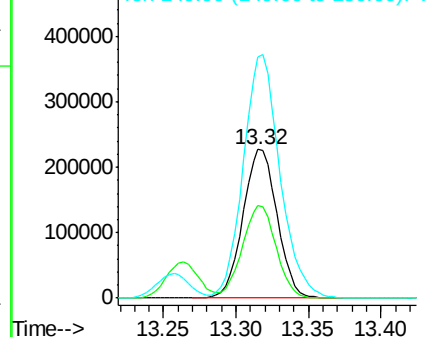


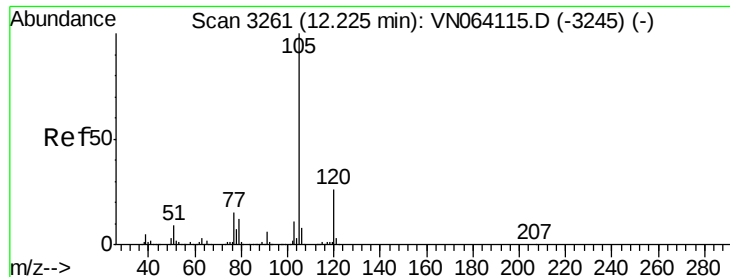
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3600  
Delta R.T. -0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 61.2  | 29.3  | 87.8  |
| 150     | 175.8 | 0.0   | 346.0 |



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





#73

Isopropylbenzene

Concen: 47.140 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1270169

Ion Ratio Lower Upper

105 100

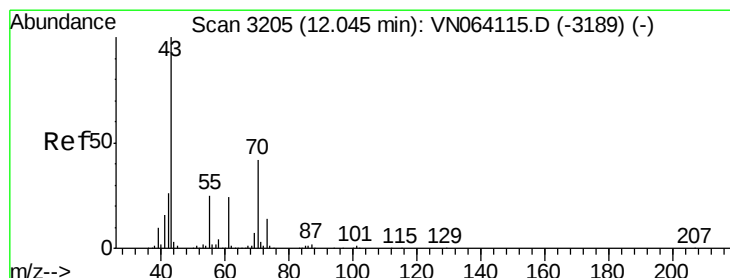
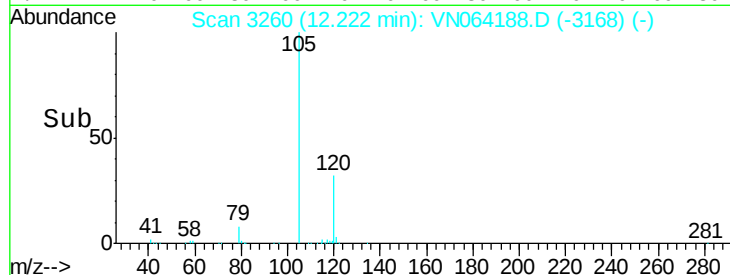
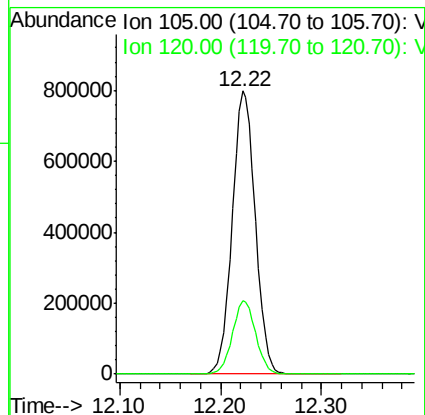
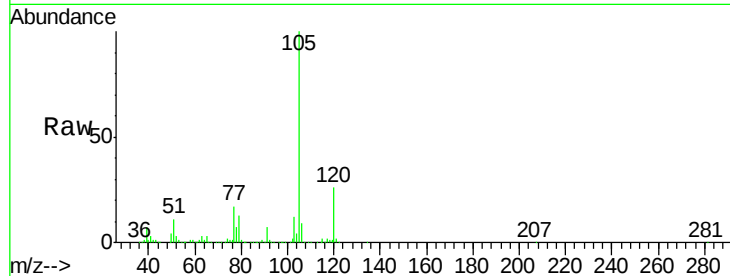
120 26.0 13.2 39.5

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#74

N-ethyl acetate

Concen: 62.362 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Tgt Ion: 43 Resp: 629262

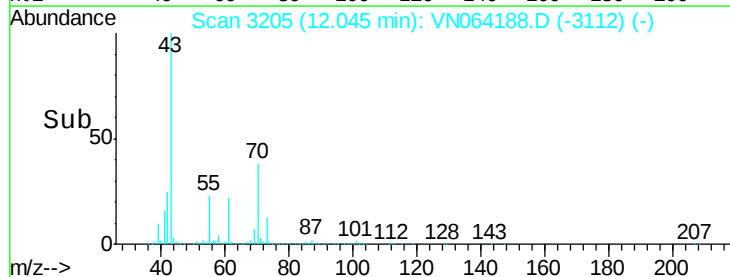
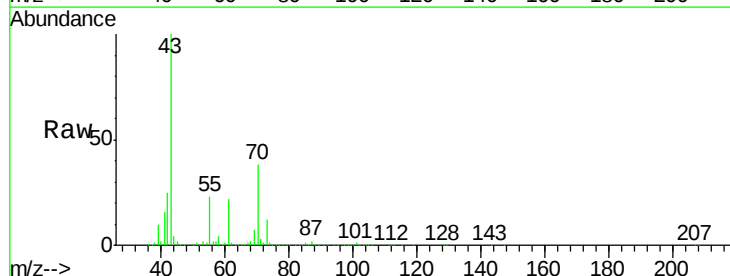
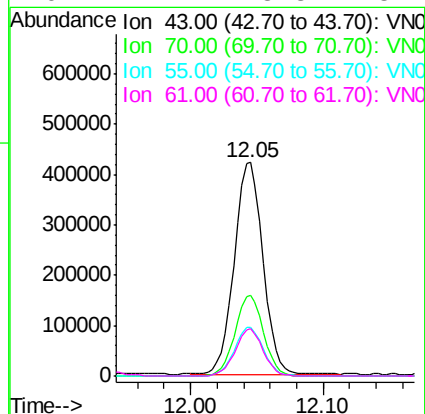
Ion Ratio Lower Upper

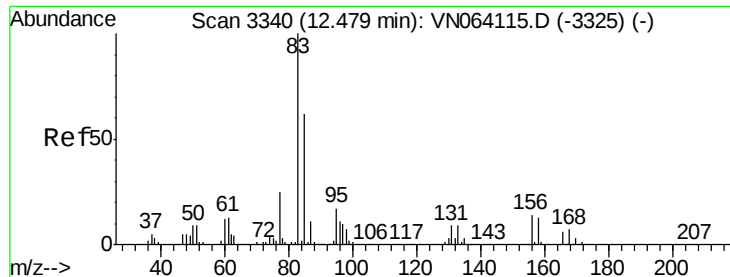
43 100

70 37.6 33.2 49.8

55 23.1 19.9 29.9

61 21.7 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.167 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 428284

Ion Ratio Lower Upper

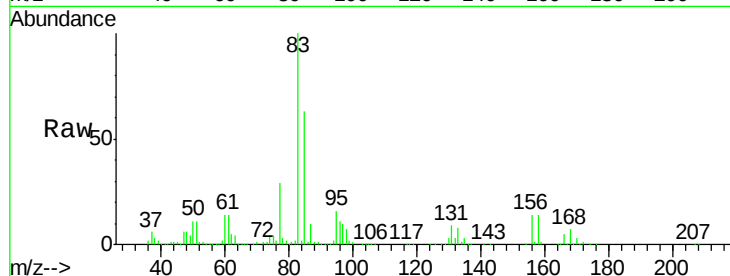
83 100

131 9.5 5.0 15.0

85 64.1 31.9 95.9

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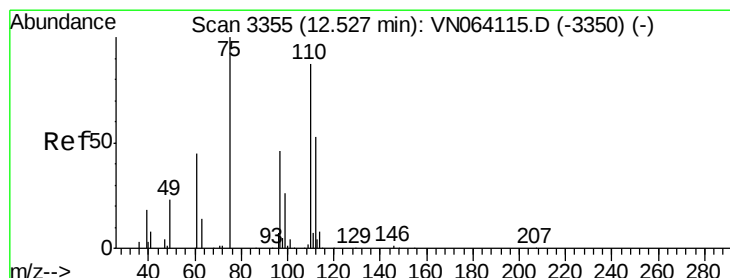
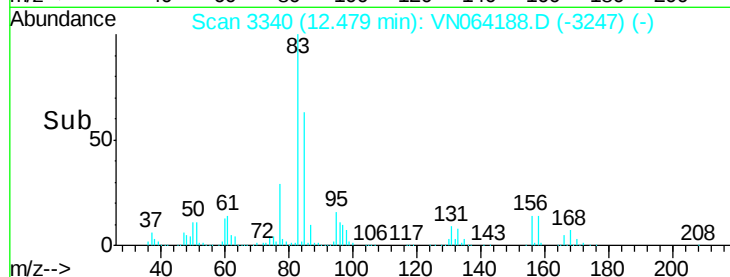
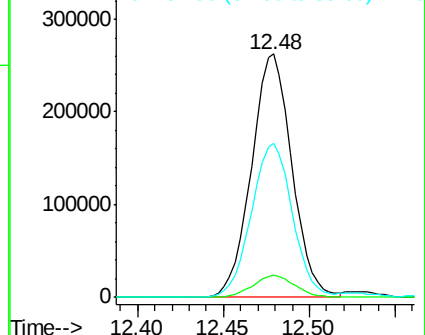
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Abundance Ion 82.90 (82.60 to 83.60): VN064188.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064188.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064188.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 43.127 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064188.D

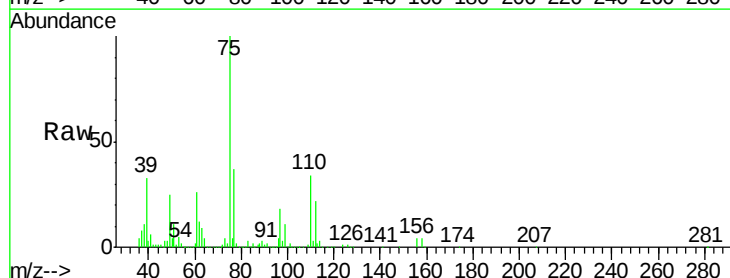
Acq: 17 Oct 2020 00:39

Tgt Ion: 75 Resp: 376364

Ion Ratio Lower Upper

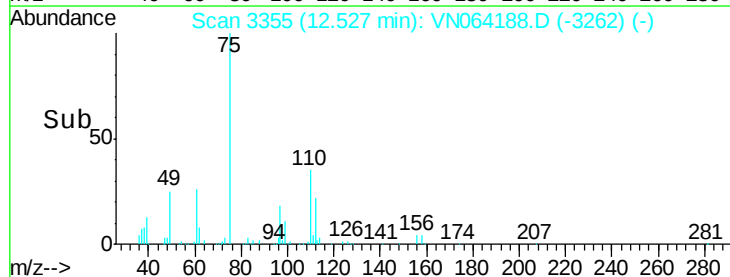
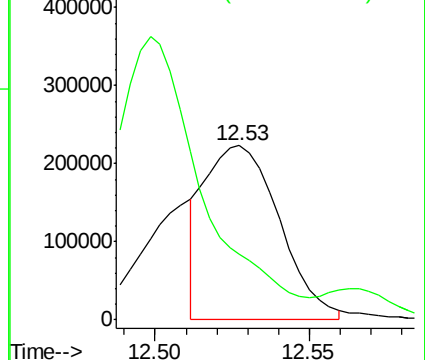
75 100

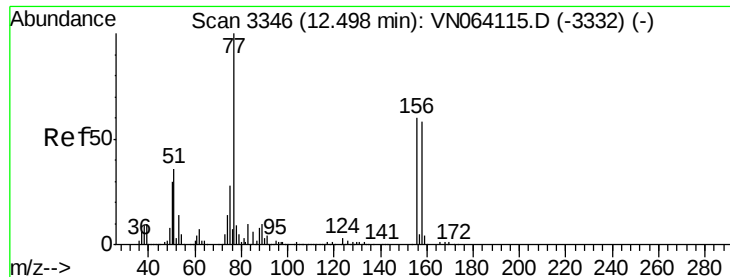
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064188.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064188.D (-3262) (-)





#77

Bromobenzene

Concen: 43.772 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 320189

Ion Ratio Lower Upper

156 100

77 227.9 99.3 297.9

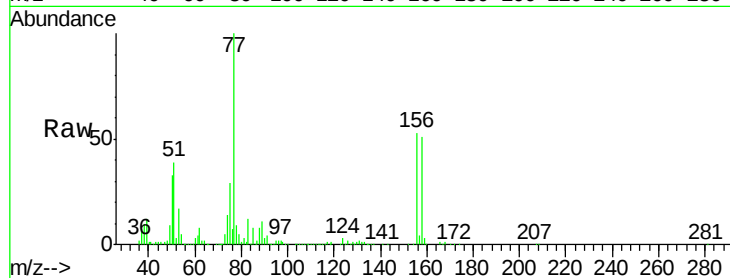
158 98.2 48.6 145.9

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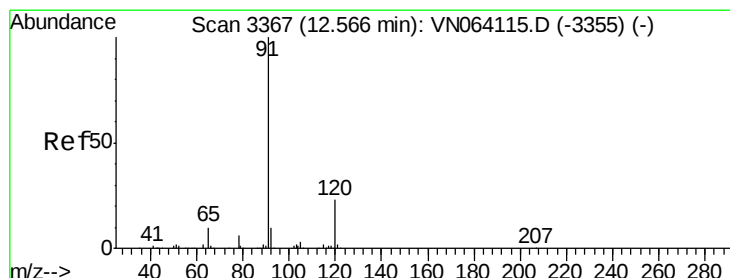
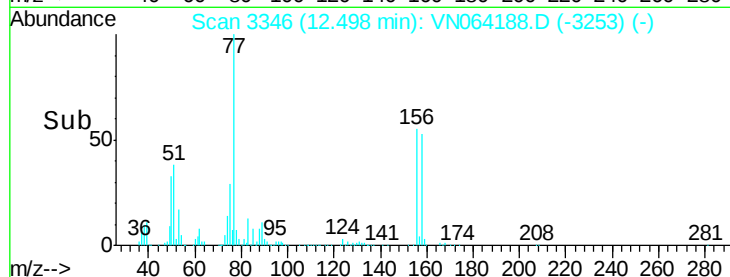
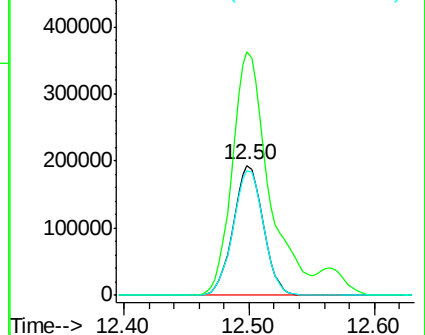
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.110 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064188.D

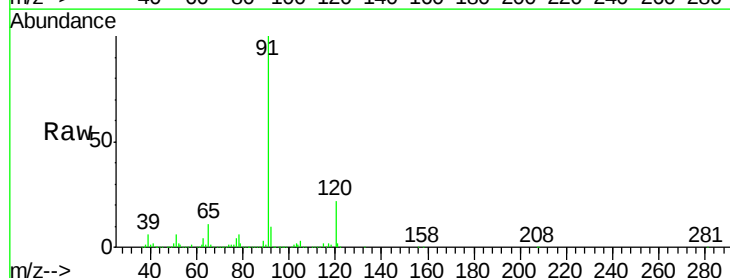
Acq: 17 Oct 2020 00:39

Tgt Ion: 91 Resp: 1537073

Ion Ratio Lower Upper

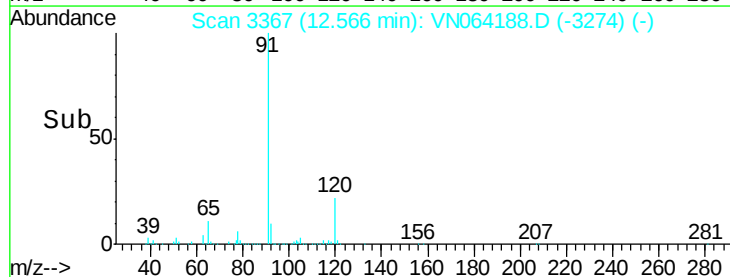
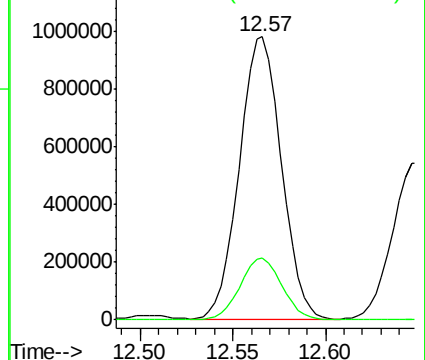
91 100

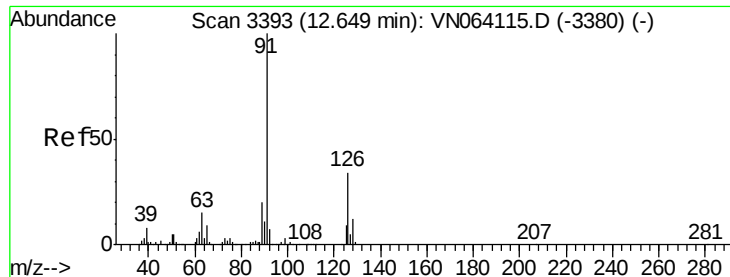
120 21.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





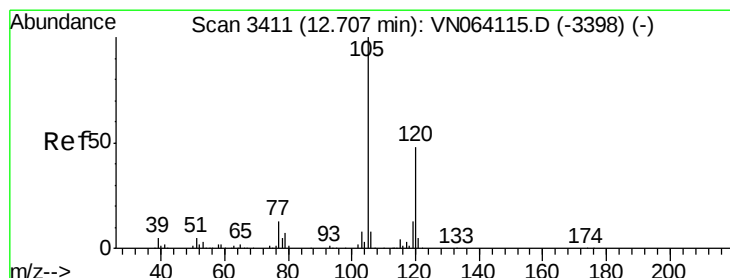
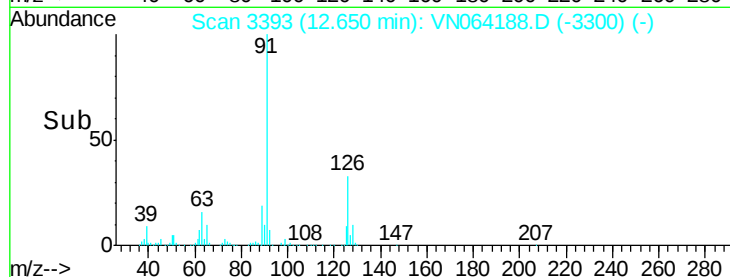
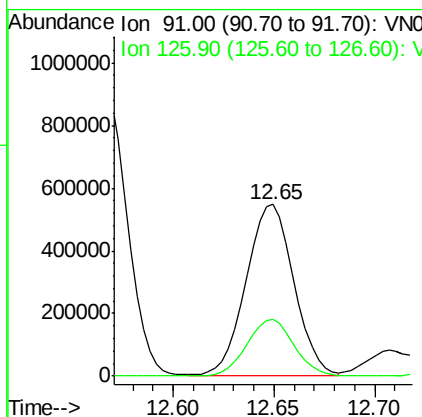
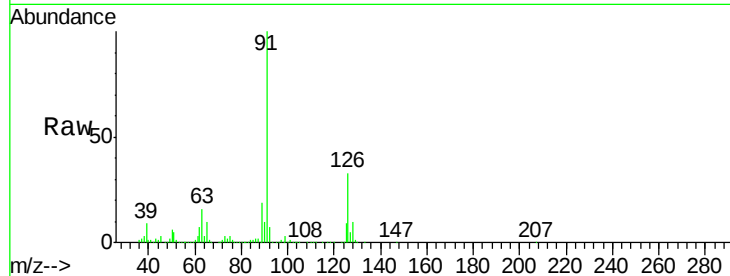
#79  
 2-Chlorotoluene  
 Concen: 47.222 ug/l  
 RT: 12.65 min Scan# 3393  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 91 Resp: 903206  
 Ion Ratio Lower Upper  
 91 100  
 126 33.0 17.5 52.5

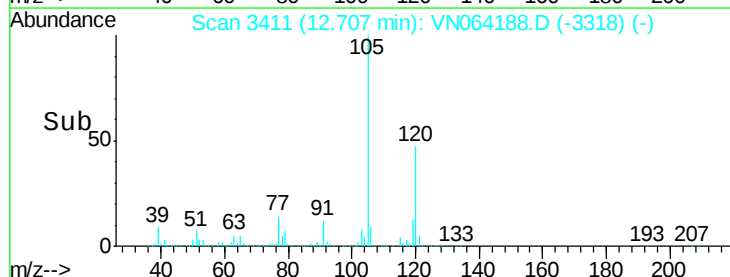
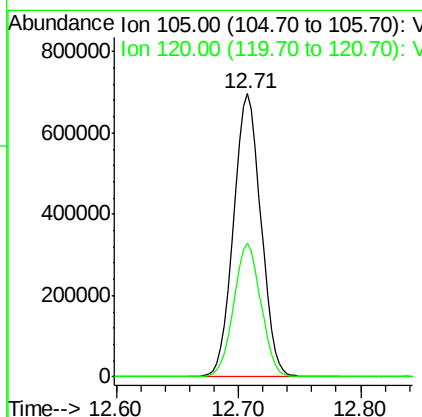
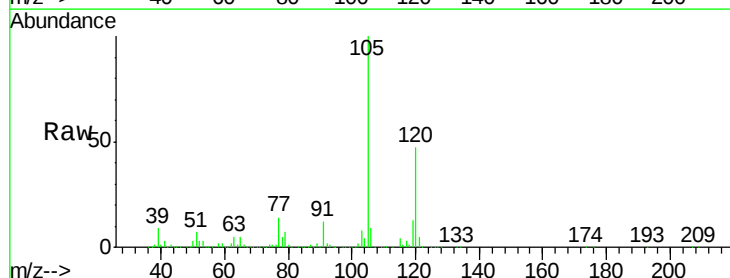
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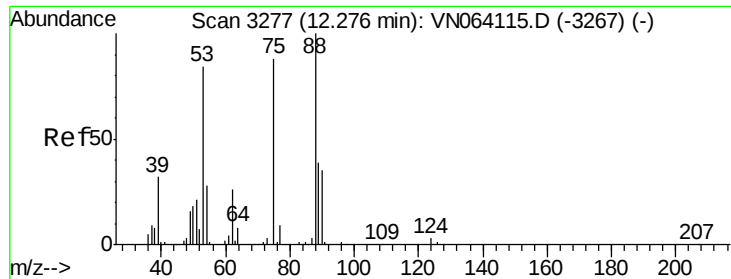
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.010 ug/l  
 RT: 12.71 min Scan# 3411  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Tgt Ion: 105 Resp: 1081583  
 Ion Ratio Lower Upper  
 105 100  
 120 46.8 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 49.978 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

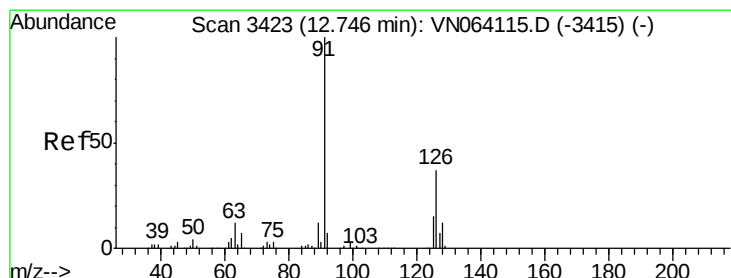
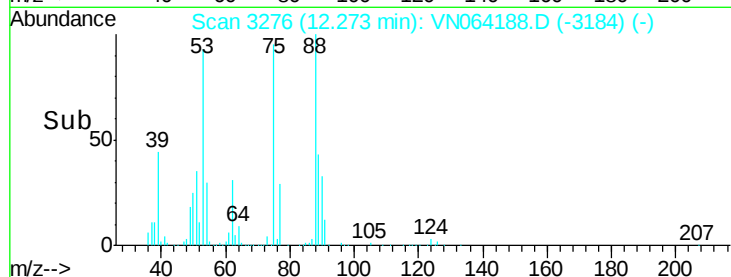
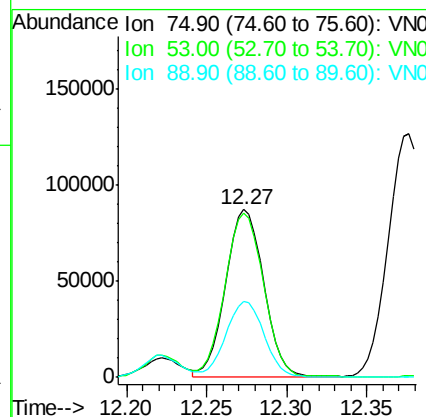
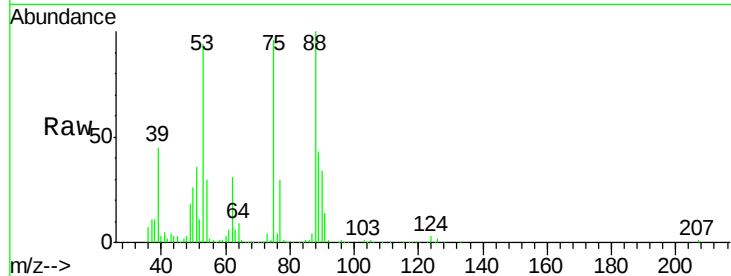
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 75    | Resp: | 142759 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 53        | 97.8  | 75.7  | 113.5  |
| 89        | 45.0  | 36.6  | 55.0   |

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#82

4-Chlorotoluene

Concen: 50.732 ug/l

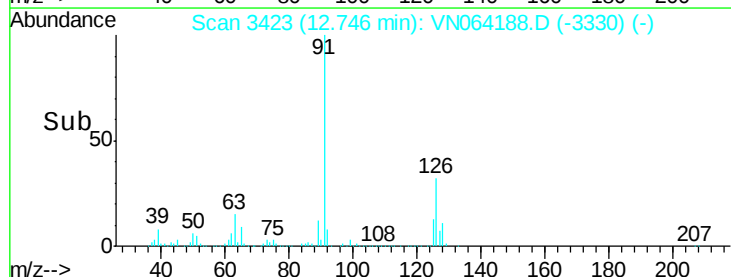
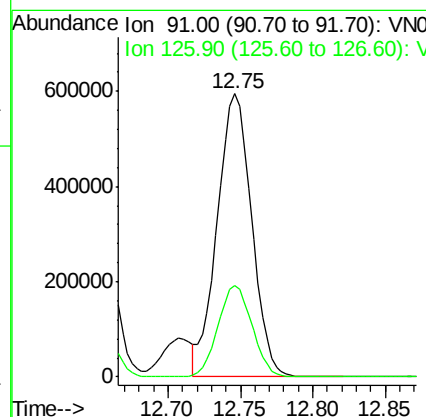
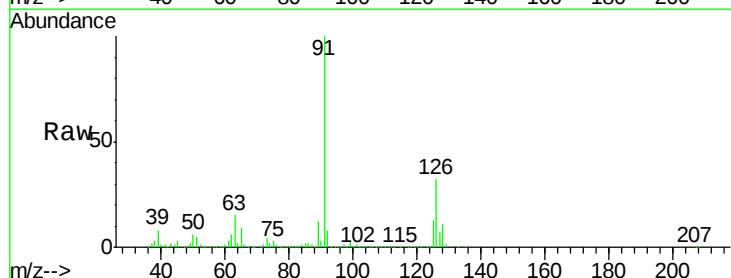
RT: 12.75 min Scan# 3423

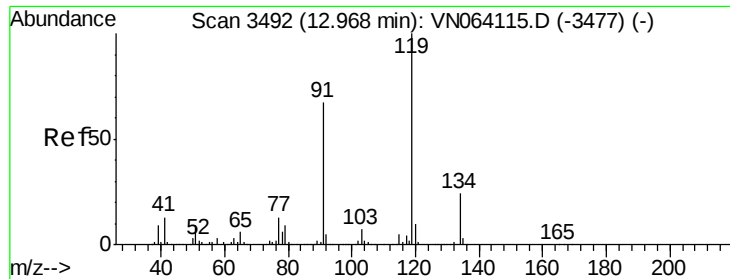
Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 977967 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 31.9  | 17.1  | 51.2   |





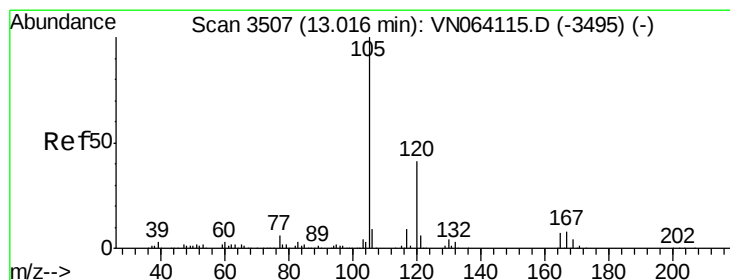
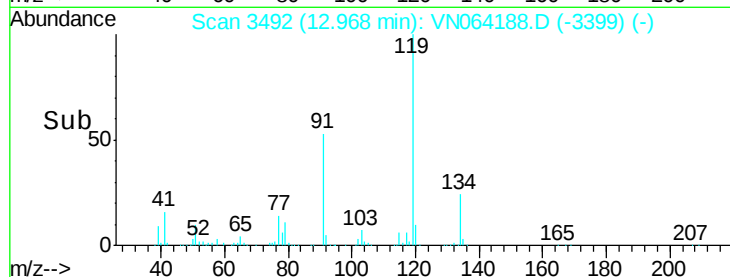
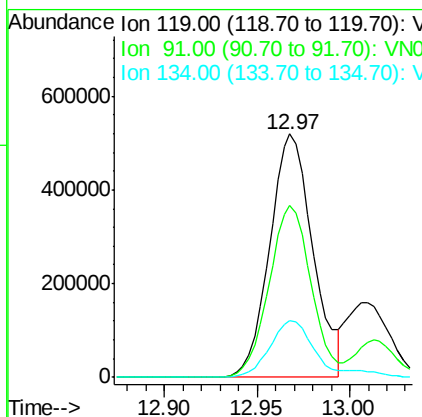
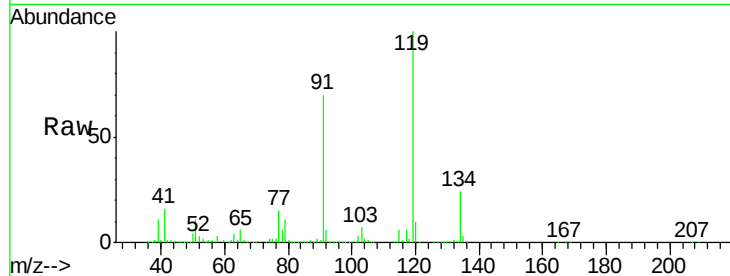
#83  
tert-Butylbenzene  
Concen: 47.166 ug/l  
RT: 12.97 min Scan# 3492  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 69.3  | 32.6  | 98.0  |
| 134     | 23.3  | 13.0  | 39.0  |

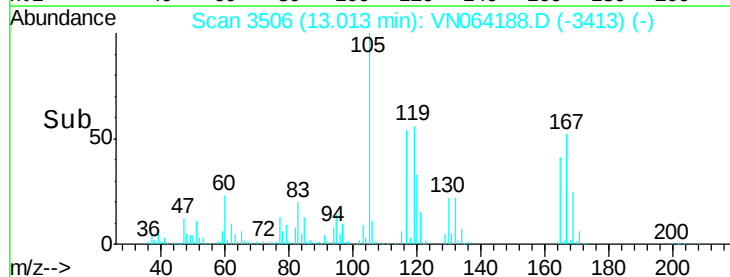
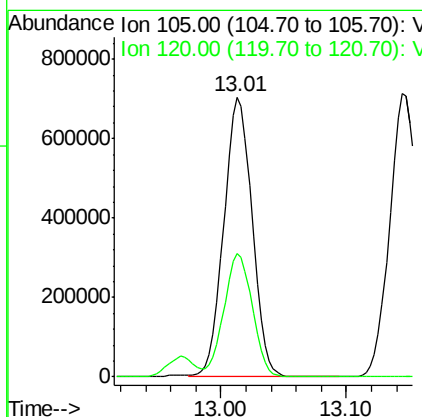
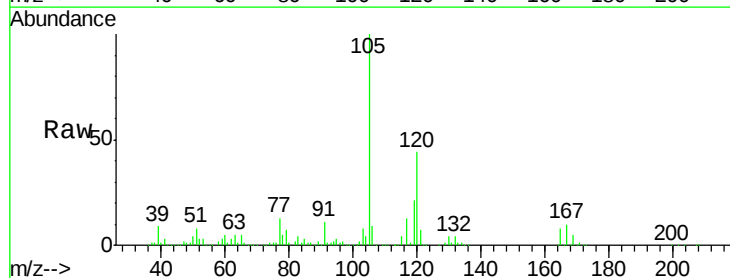
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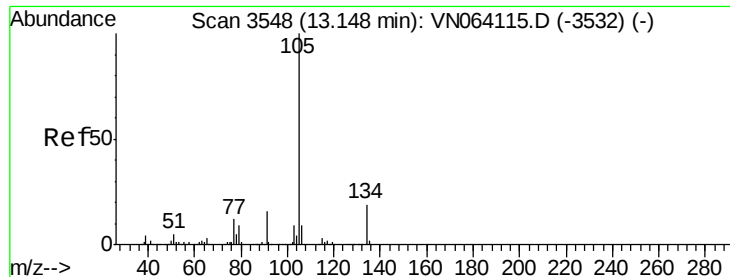
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10/19/2020 4:23:15 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 48.757 ug/l  
RT: 13.01 min Scan# 3506  
Delta R.T. -0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.3  | 22.8  | 68.4  |





#85

sec-Butylbenzene

Concen: 49.196 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1131175

Ion Ratio Lower Upper

105 100

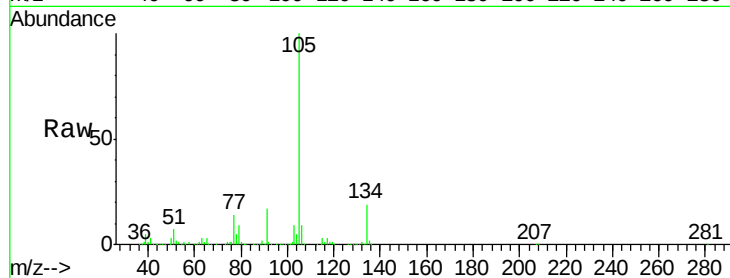
134 19.1 9.7 29.1

Manual Integrations

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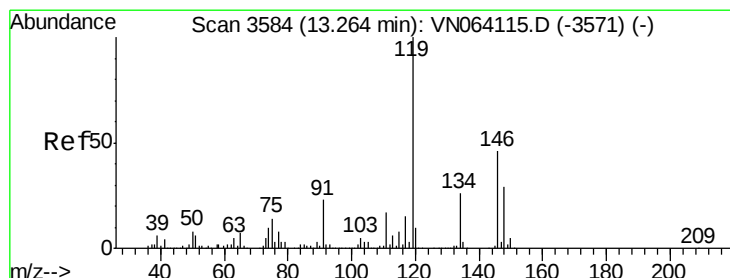
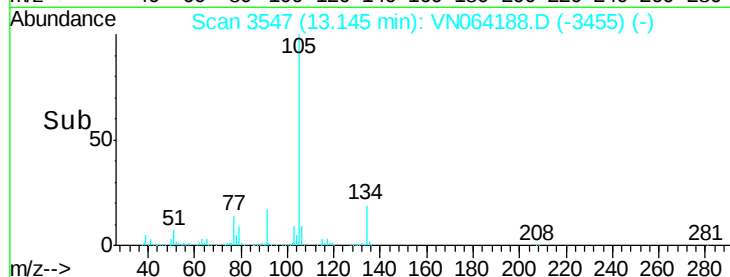
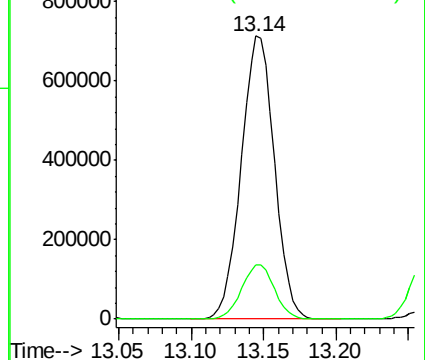
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.484 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

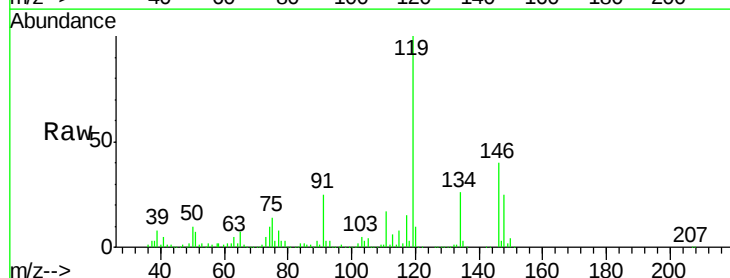
Tgt Ion:119 Resp: 1031944

Ion Ratio Lower Upper

119 100

134 25.4 13.2 39.5

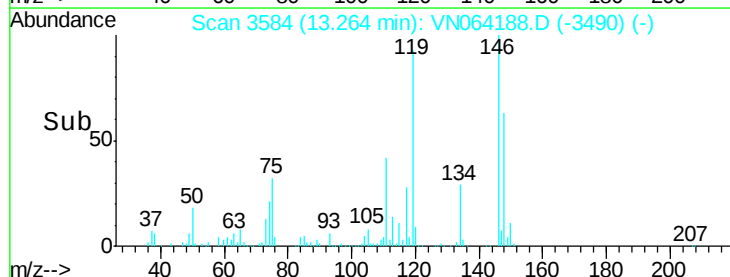
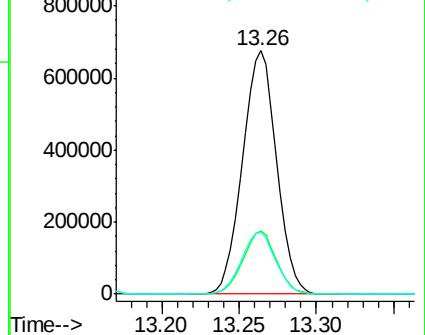
91 25.4 12.0 36.1

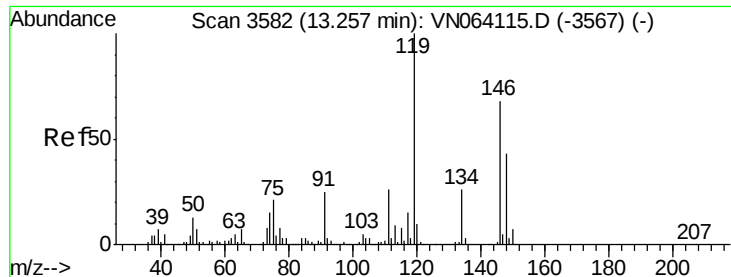


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





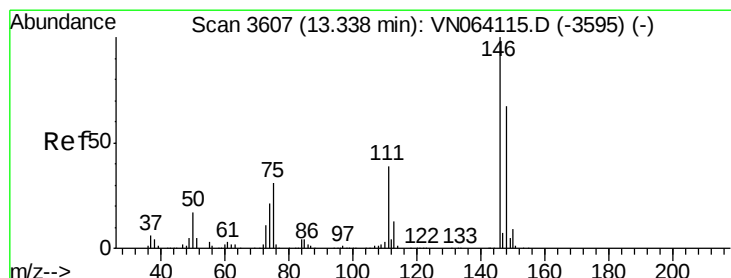
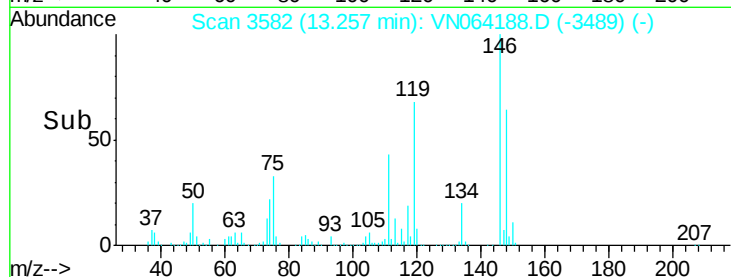
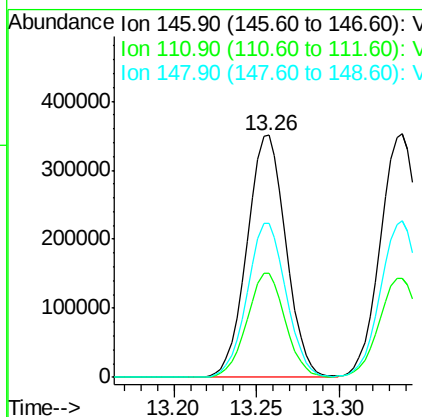
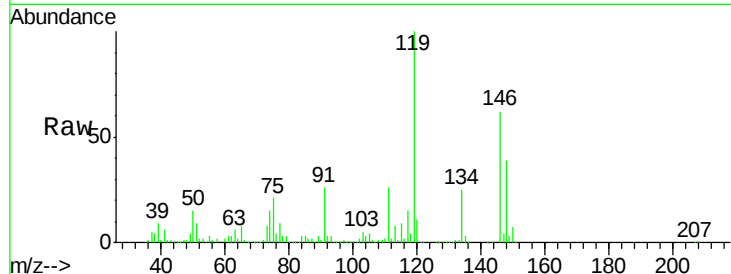
#87  
 1,3-Dichlorobenzene  
 Concen: 47.035 ug/l  
 RT: 13.26 min Scan# 3582  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.4  | 19.7  | 59.1  |
| 148     | 63.5  | 32.0  | 96.2  |

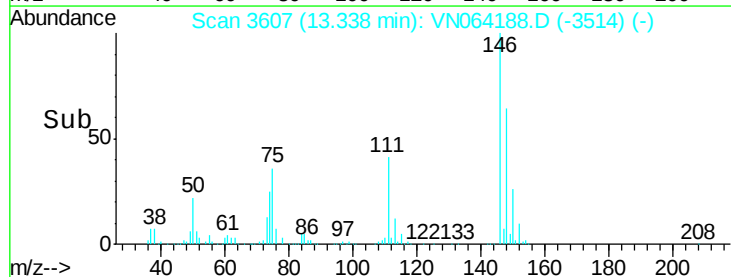
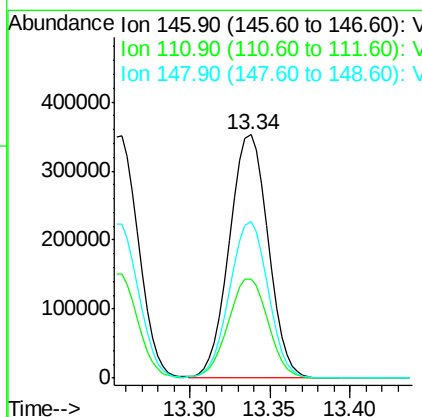
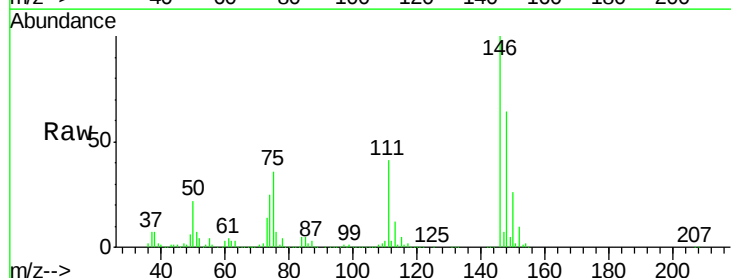
Manual Integrations  
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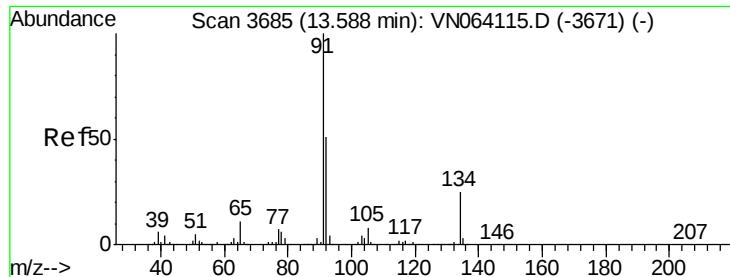
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 46.695 ug/l  
 RT: 13.34 min Scan# 3607  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.8  | 19.3  | 57.9  |
| 148     | 63.9  | 32.1  | 96.5  |





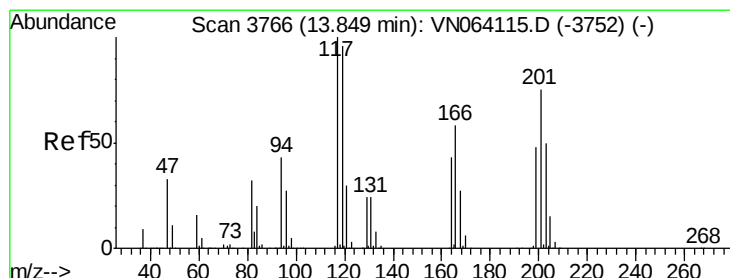
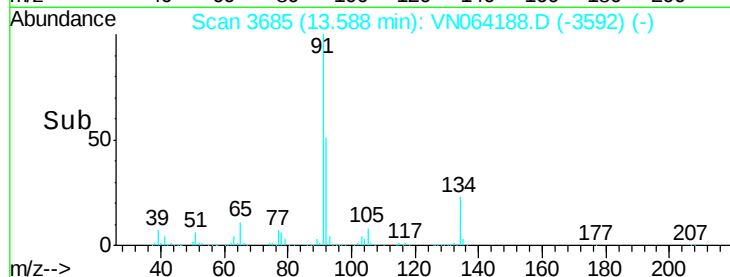
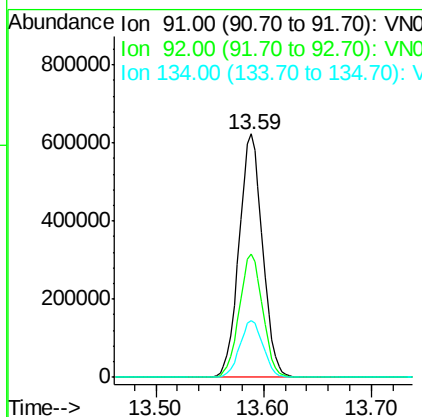
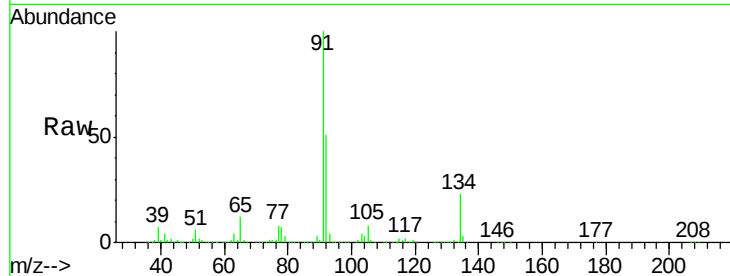
#89  
n-Butylbenzene  
Concen: 56.362 ug/l  
RT: 13.59 min Scan# 3685  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 50.6  | 25.6  | 76.6  |
| 134     | 23.3  | 12.6  | 37.8  |

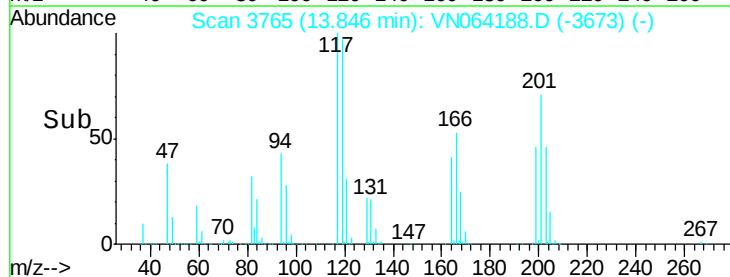
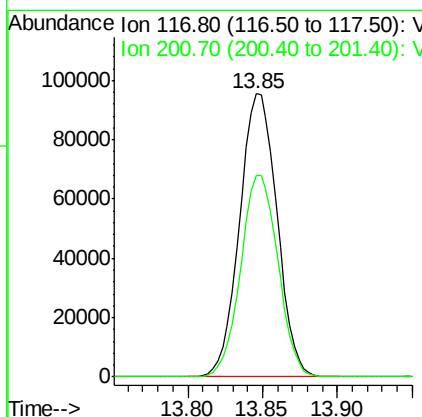
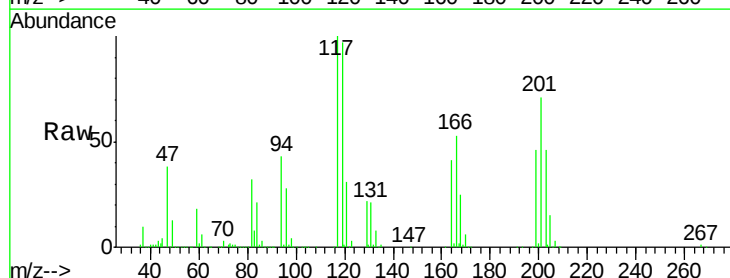
Manual Integrations  
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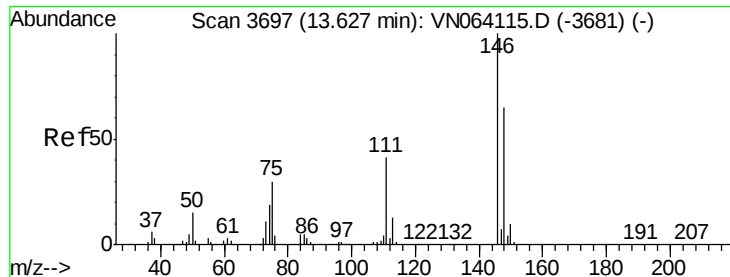
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#90  
Hexachloroethane  
Concen: 43.514 ug/l  
RT: 13.85 min Scan# 3765  
Delta R.T. -0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 70.9  | 37.4  | 112.2 |





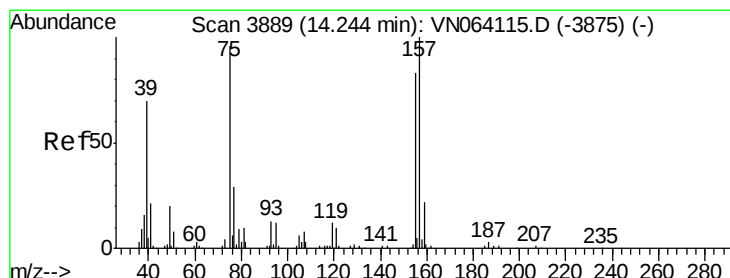
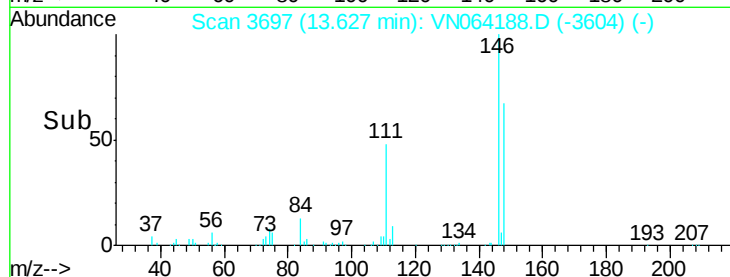
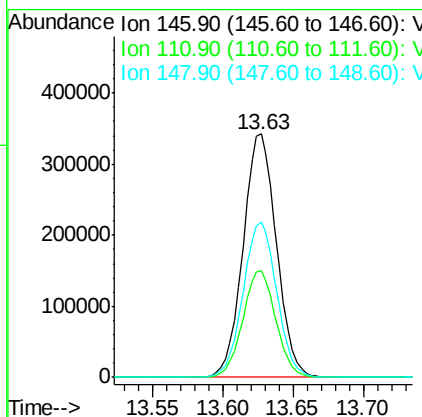
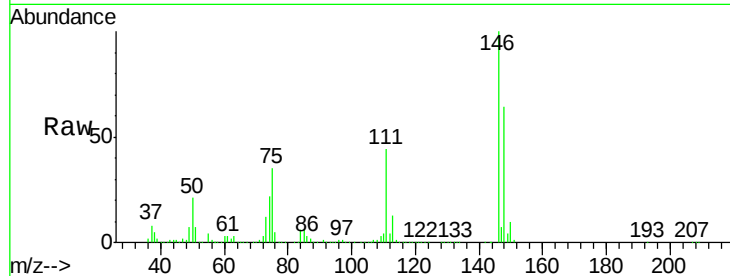
#91  
 1,2-Dichlorobenzene  
 Concen: 46.839 ug/l  
 RT: 13.63 min Scan# 3697  
 Delta R.T. 0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.4  | 20.3  | 60.8  |
| 148     | 64.3  | 32.2  | 96.6  |

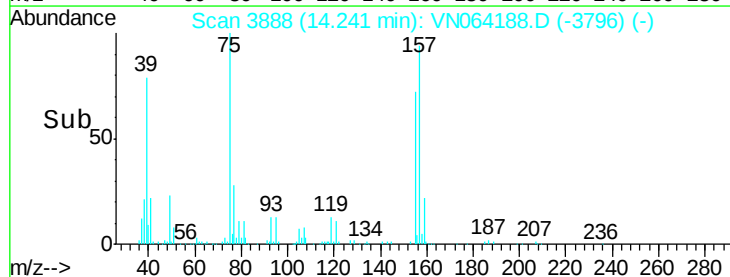
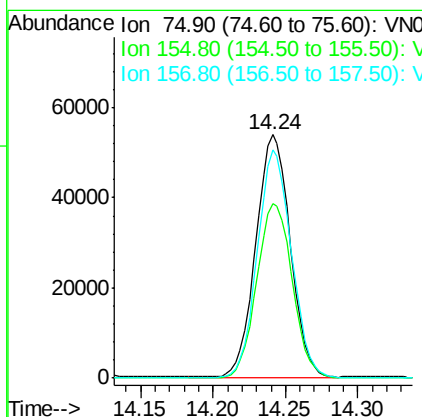
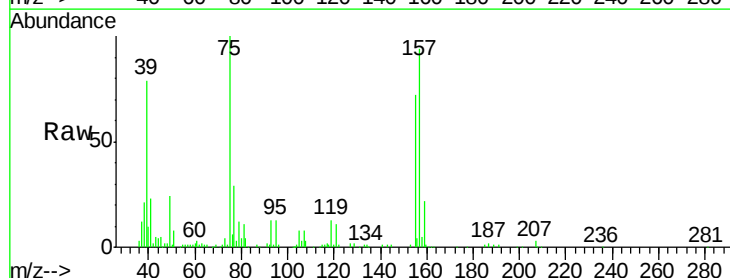
Manual Integrations  
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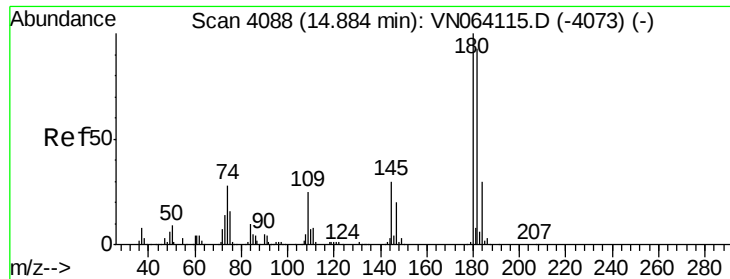
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.835 ug/l  
 RT: 14.24 min Scan# 3888  
 Delta R.T. -0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 74.5  | 40.8  | 122.2 |
| 157     | 93.4  | 53.9  | 161.7 |





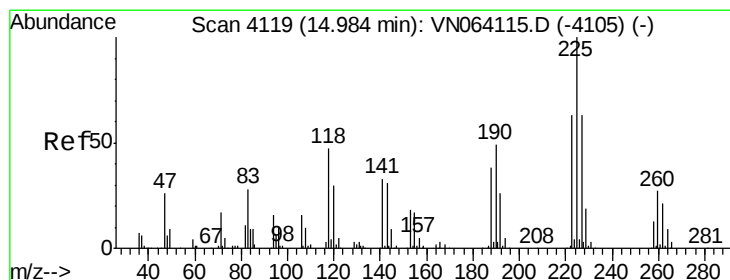
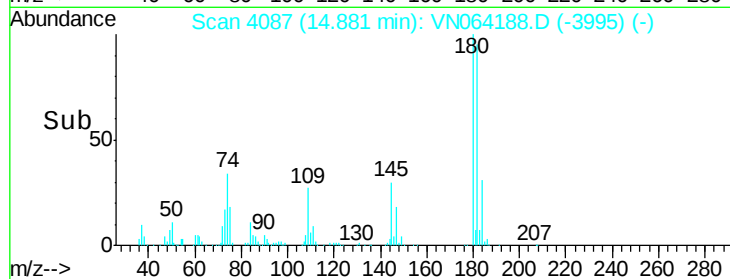
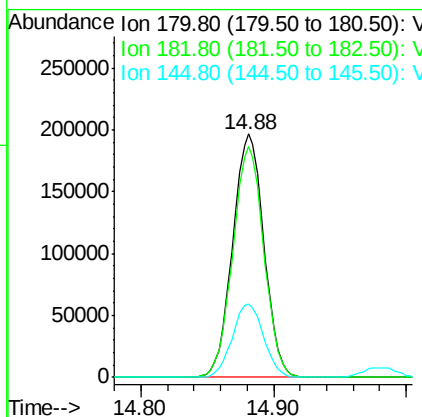
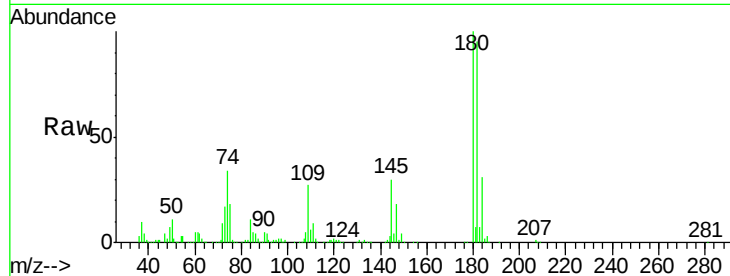
#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.618 ug/l  
 RT: 14.88 min Scan# 4087  
 Delta R.T. -0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.2  | 45.8  | 137.4 |
| 145     | 30.2  | 15.4  | 46.1  |

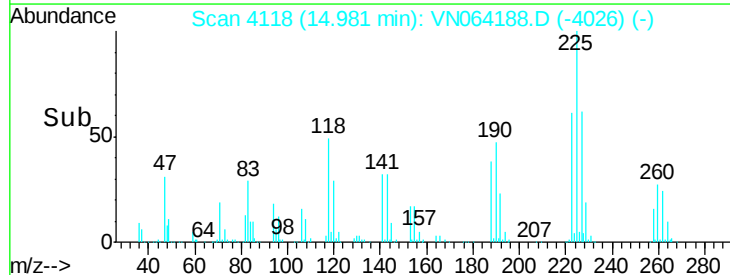
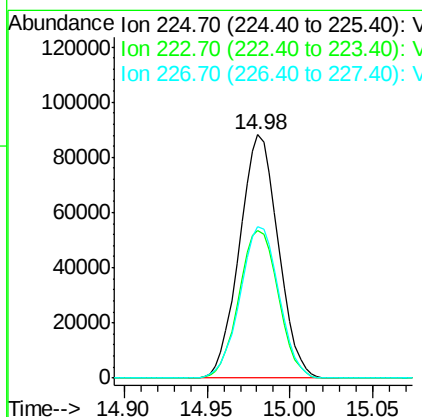
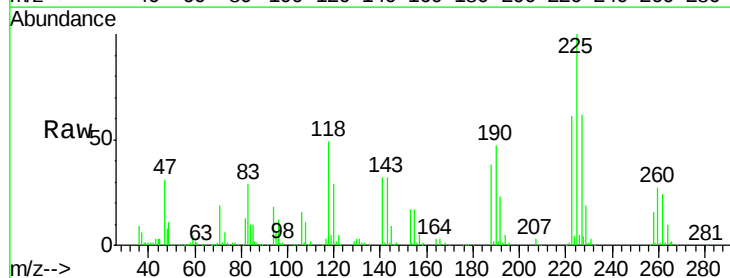
Manual Integrations  
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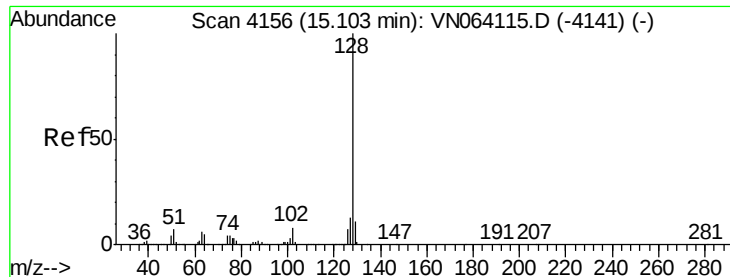
MMDadoda  
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#94  
 Hexachlorobutadiene  
 Concen: 49.634 ug/l  
 RT: 14.98 min Scan# 4118  
 Delta R.T. -0.00 min  
 Lab File: VN064188.D  
 Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.9  | 32.3  | 96.9  |
| 227     | 62.6  | 31.6  | 94.8  |





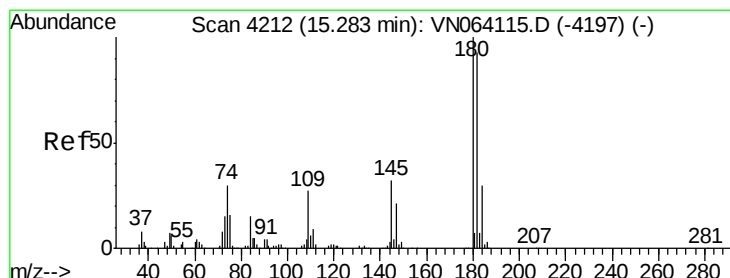
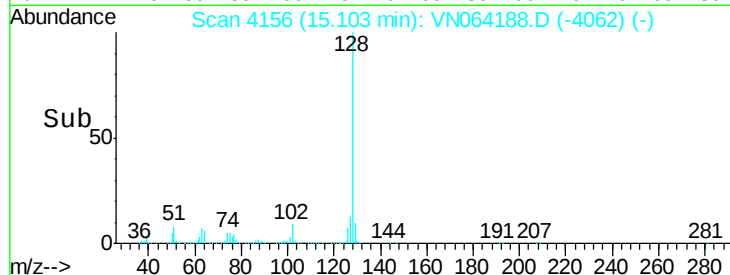
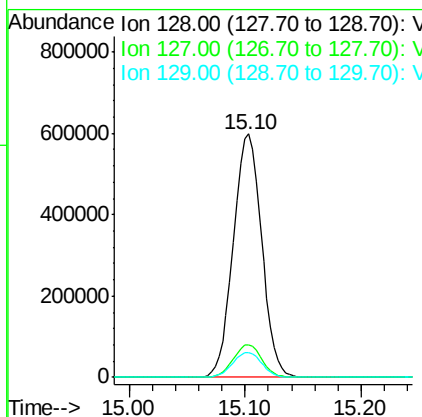
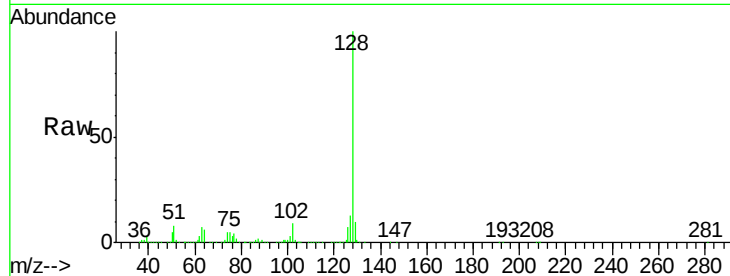
#95  
Naphthalene  
Concen: 55.186 ug/l  
RT: 15.10 min Scan# 4156  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.4  | 10.2  | 15.4  |
| 129     | 10.6  | 8.5   | 12.7  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 52.239 ug/l  
RT: 15.28 min Scan# 4212  
Delta R.T. 0.00 min  
Lab File: VN064188.D  
Acq: 17 Oct 2020 00:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.0  | 46.6  | 139.8 |
| 145     | 32.1  | 16.1  | 48.2  |

