

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060221\  
 Data File : VV021478.D  
 Acq On : 02 Jun 2021 13:59  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 03 02:17:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR052521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jun 03 02:14:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 224046   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 207897   | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 122579   | 5.00     | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 53890    | 5.69     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 113.80%  |
| 7) Chloroethane-d5            | 1.564  | 69    | 43393    | 4.80     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.00%   |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 96251    | 5.36     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 107.20%  |
| 20) 2-Butanone-d5             | 3.924  | 46    | 126911   | 37.25    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 74.50%   |
| 24) Chloroform-d              | 4.349  | 84    | 114285   | 4.35     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 87.00%   |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65    | 52006    | 4.30     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 86.00%   |
| 32) Benzene-d6                | 5.050  | 84    | 231954   | 4.64     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.80%   |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 67886    | 4.19     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 83.80%   |
| 41) Toluene-d8                | 7.317  | 98    | 223098   | 4.86     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.20%   |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 28296    | 4.19     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 83.80%   |
| 46) 2-Hexanone-d5             | 8.095  | 63    | 116962   | 36.79    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 73.58%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 51772    | 3.96     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 79.20%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 93464    | 4.42     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 88.40%   |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 75121    | 5.00     | ug/L   | 98       |
| 3) Chloromethane              | 1.236  | 50    | 64877    | 4.92     | ug/L   | 99       |
| 5) Vinyl chloride             | 1.307  | 62    | 70372    | 5.14     | ug/L   | 100      |
| 6) Bromomethane               | 1.519  | 94    | 47720    | 5.32     | ug/L   | 99       |
| 8) Chloroethane               | 1.581  | 64    | 41838    | 5.07     | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 1.751  | 101   | 115246   | 5.45     | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.114  | 101   | 63719    | 5.41     | ug/L   | 95       |
| 12) 1,1-Dichloroethene        | 2.114  | 96    | 60569    | 5.45     | ug/L   | 93       |
| 13) Acetone                   | 2.227  | 43    | 83484    | 43.46    | ug/L # | 64       |
| 14) Carbon disulfide          | 2.291  | 76    | 185631   | 4.97     | ug/L   | 100      |
| 15) Methyl Acetate            | 2.445  | 43    | 18834    | 4.16     | ug/L # | 89       |
| 16) Methylene chloride        | 2.507  | 84    | 81601    | 4.47     | ug/L   | 96       |
| 17) Methyl tert-butyl Ether   | 2.770  | 73    | 167736   | 5.22     | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 2.757  | 96    | 72953    | 5.26     | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.191  | 63    | 126003   | 5.14     | ug/L   | 99       |
| 21) 2-Butanone                | 4.002  | 43    | 158014   | 48.29    | ug/L   | 92       |
| 22) cis-1,2-Dichloroethene    | 3.915  | 96    | 78758    | 5.22     | ug/L   | 97       |
| 23) Bromochloromethane        | 4.252  | 128   | 37251    | 5.49     | ug/L   | 92       |
| 25) Chloroform                | 4.378  | 83    | 133040   | 5.30     | ug/L   | 99       |

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 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 03 02:17:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR052521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jun 03 02:14:36 2021  
 Response via : Initial Calibration

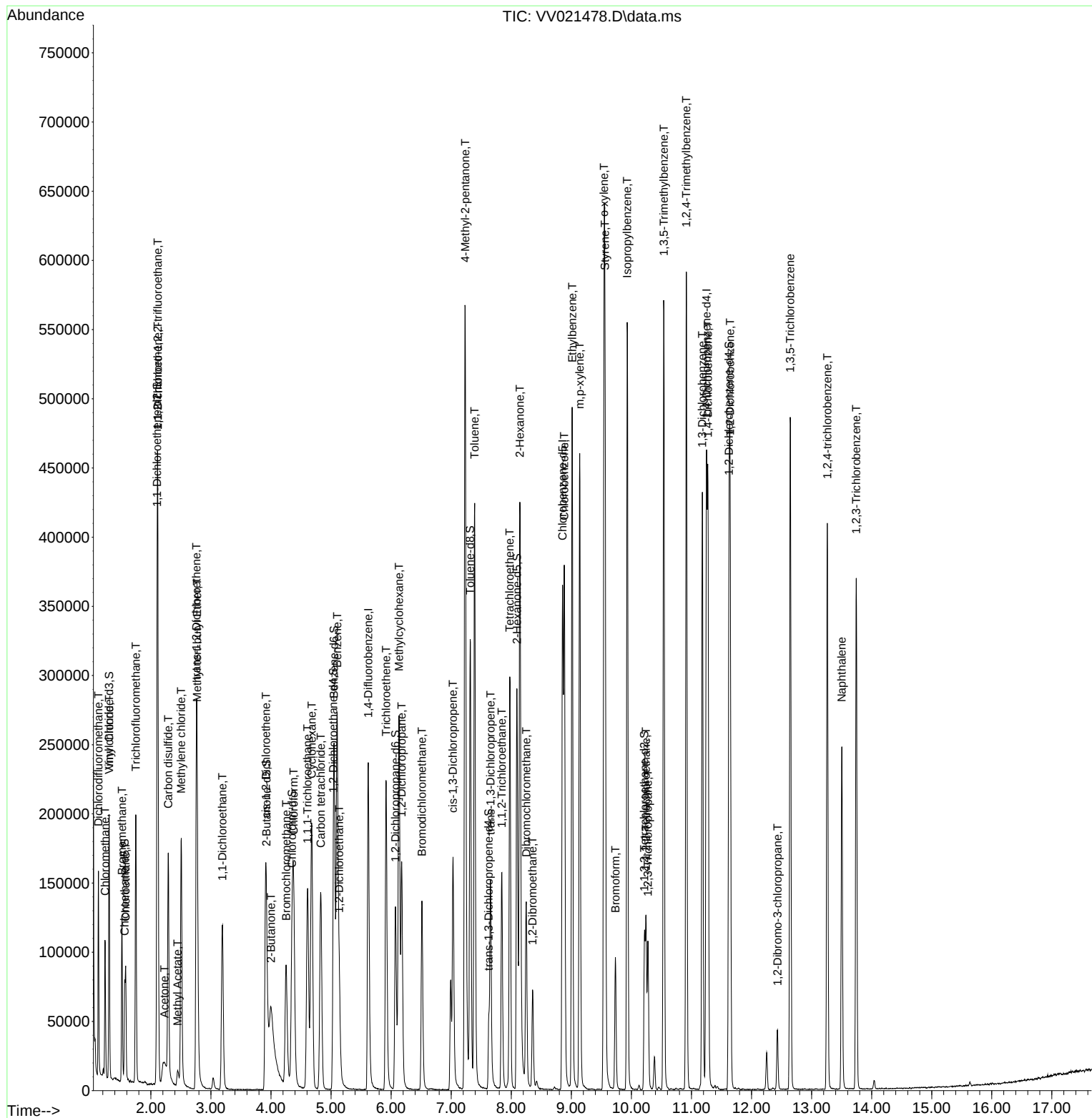
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.137  | 62   | 68998    | 5.08  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 4.609  | 97   | 123668   | 5.30  | ug/L  | 98       |
| 30) Cyclohexane               | 4.677  | 56   | 112318   | 4.89  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 4.828  | 117  | 115327   | 5.45  | ug/L  | 99       |
| 33) Benzene                   | 5.101  | 78   | 281594   | 5.19  | ug/L  | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 79865    | 5.36  | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.130  | 83   | 122977   | 5.01  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 68678    | 5.10  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.513  | 83   | 95437    | 5.19  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 111329   | 5.17  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.233  | 43   | 415635   | 50.47 | ug/L  | 99       |
| 42) Toluene                   | 7.391  | 91   | 317594   | 5.29  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 92663    | 5.24  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 7.844  | 97   | 52399    | 5.27  | ug/L  | 98       |
| 47) Tetrachloroethene         | 7.976  | 164  | 73852    | 5.44  | ug/L  | 98       |
| 48) 2-Hexanone                | 8.143  | 43   | 288228   | 51.48 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.249  | 129  | 71367    | 5.28  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 50582    | 5.27  | ug/L  | 98       |
| 51) Chlorobenzene             | 8.882  | 112  | 210169   | 5.31  | ug/L  | 98       |
| 52) Ethylbenzene              | 9.014  | 91   | 355017   | 5.29  | ug/L  | 98       |
| 53) m,p-xylene                | 9.140  | 106  | 136041   | 5.26  | ug/L  | 100      |
| 54) o-xylene                  | 9.545  | 106  | 134668   | 5.33  | ug/L  | 100      |
| 55) Styrene                   | 9.561  | 104  | 227629   | 5.35  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 59964    | 5.12  | ug/L  | 98       |
| 59) Bromoform                 | 9.735  | 173  | 45950    | 5.18  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.931  | 105  | 370954   | 5.11  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 43052    | 4.94  | ug/L  | 96       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 310241   | 5.02  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 324513   | 5.13  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 186262   | 5.21  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 183914   | 5.16  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 171050   | 5.17  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.432 | 75   | 10418    | 4.89  | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 166685   | 5.18  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 137203   | 5.14  | ug/L  | 99       |
| 71) Naphthalene               | 13.503 | 128  | 199614   | 4.78  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 119894   | 5.06  | ug/L  | 100      |

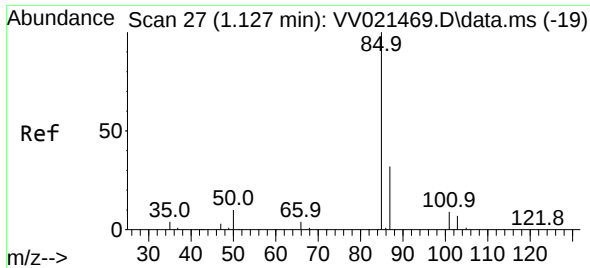
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV060221\  
 Data File : VV021478.D  
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 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 03 02:17:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR052521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jun 03 02:14:36 2021  
 Response via : Initial Calibration

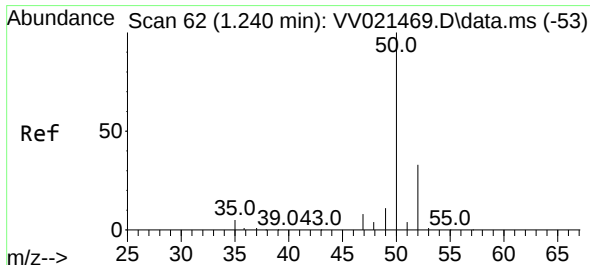
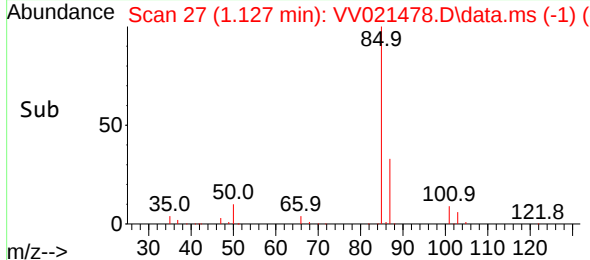
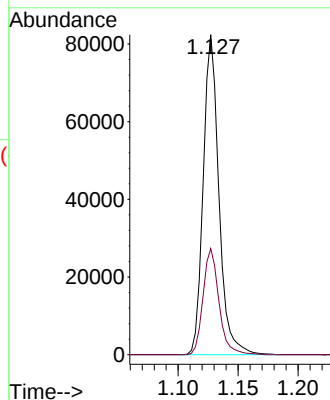
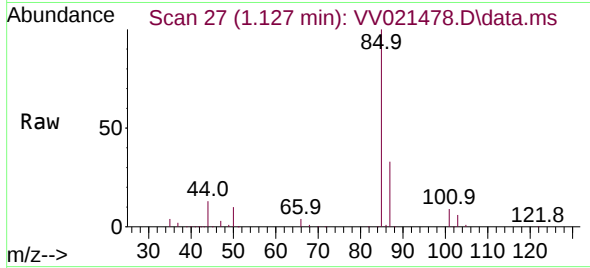




#2  
 Dichlorodifluoromethane  
 Concen: 5.00 ug/L  
 RT: 1.127 min Scan# 27  
 Delta R.T. -0.000 min  
 Lab File: VV021478.D  
 Acq: 02 Jun 2021 13:59

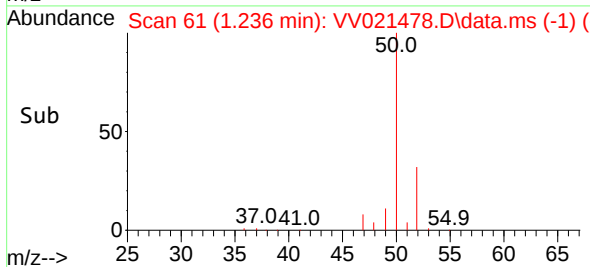
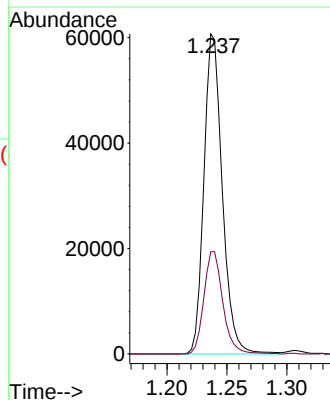
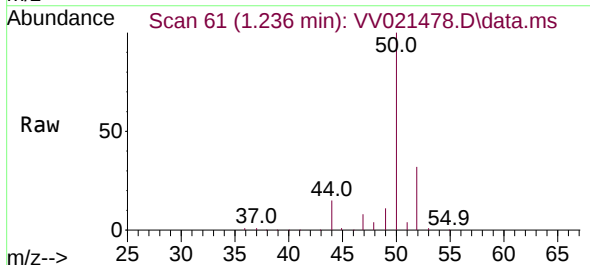
Instrument :  
 MSVOA\_V  
 ClientSampled :

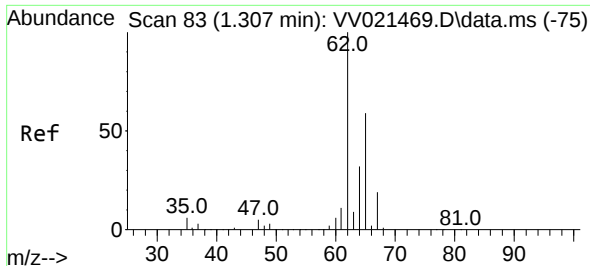
Tgt Ion: 85 Resp: 75121  
 Ion Ratio Lower Upper  
 85 100  
 87 33.6 26.1 39.1



#3  
 Chloromethane  
 Concen: 4.92 ug/L  
 RT: 1.236 min Scan# 61  
 Delta R.T. -0.003 min  
 Lab File: VV021478.D  
 Acq: 02 Jun 2021 13:59

Tgt Ion: 50 Resp: 64877  
 Ion Ratio Lower Upper  
 50 100  
 52 31.9 22.6 42.0

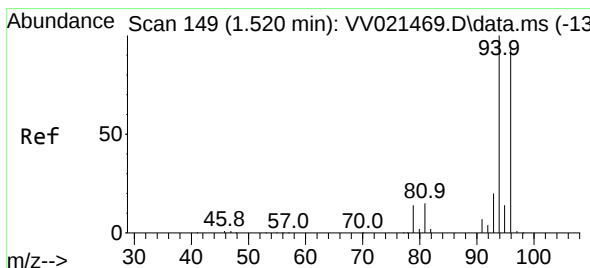
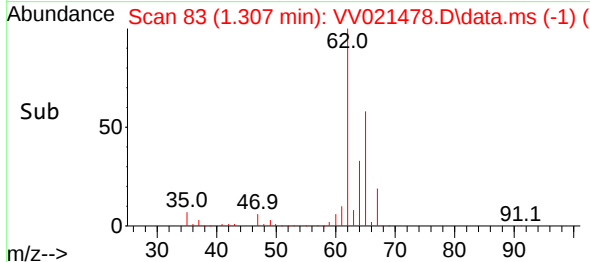
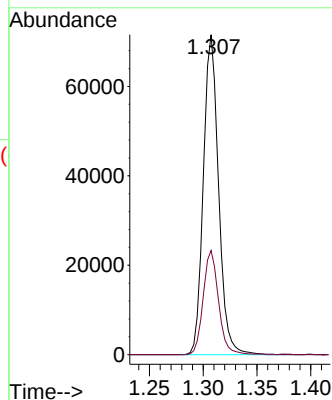
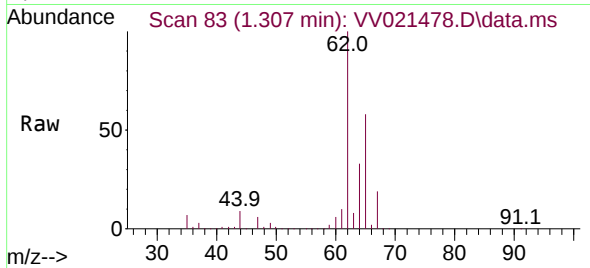




#5  
 Vinyl chloride  
 Concen: 5.14 ug/L  
 RT: 1.307 min Scan# 83  
 Delta R.T. -0.000 min  
 Lab File: VV021478.D  
 Acq: 02 Jun 2021 13:59

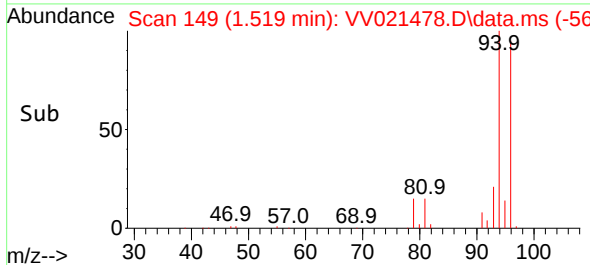
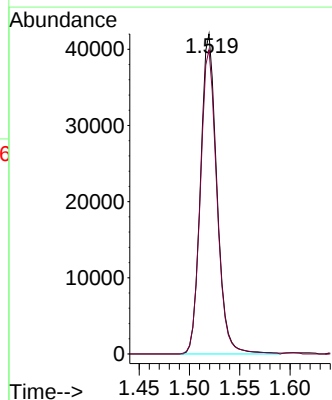
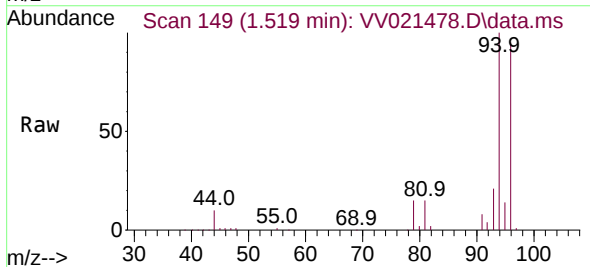
Instrument :  
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 ClientSampled :

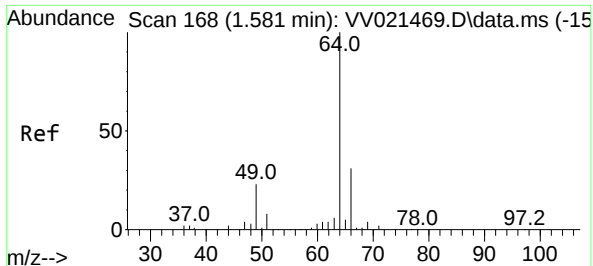
Tgt Ion: 62 Resp: 70372  
 Ion Ratio Lower Upper  
 62 100  
 64 32.6 22.6 42.0



#6  
 Bromomethane  
 Concen: 5.32 ug/L  
 RT: 1.519 min Scan# 149  
 Delta R.T. -0.000 min  
 Lab File: VV021478.D  
 Acq: 02 Jun 2021 13:59

Tgt Ion: 94 Resp: 47720  
 Ion Ratio Lower Upper  
 94 100  
 96 95.0 65.9 122.3

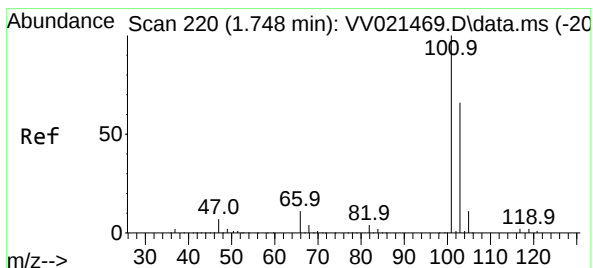
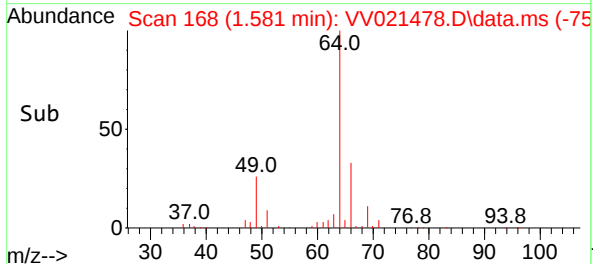
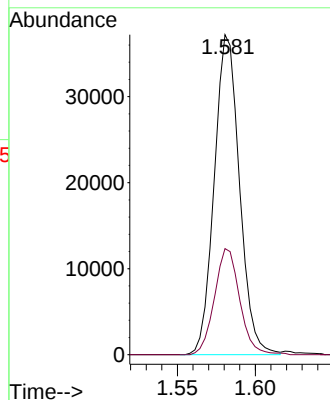
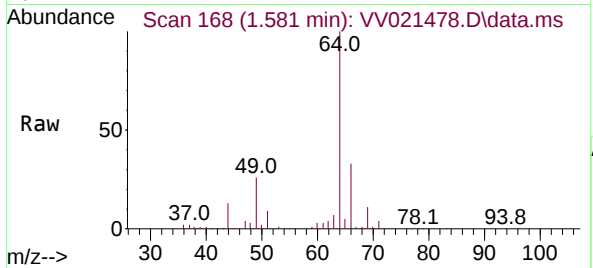




#8  
Chloroethane  
Concen: 5.07 ug/L  
RT: 1.581 min Scan# 168  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

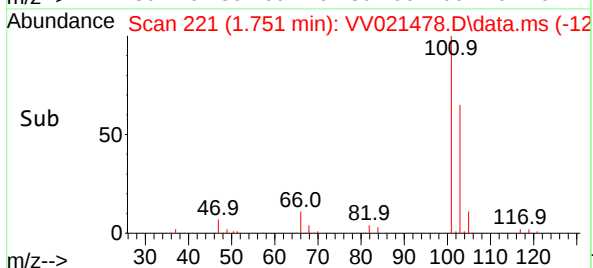
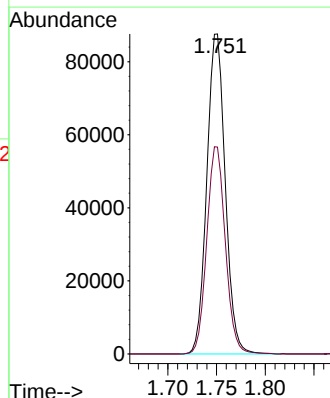
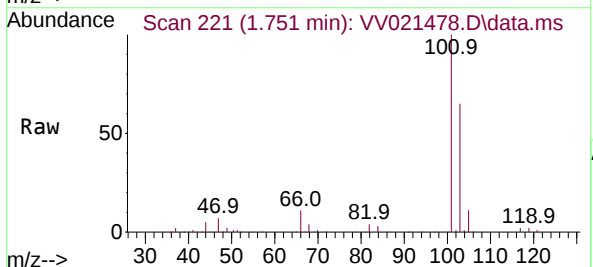
Instrument :  
MSVOA\_V  
ClientSampled :

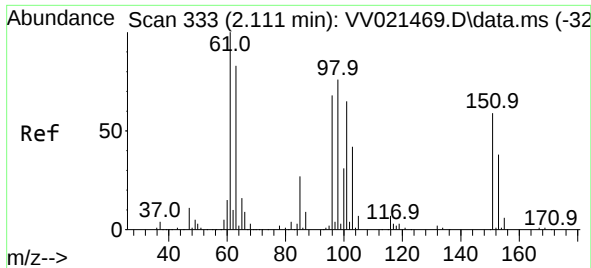
Tgt Ion: 64 Resp: 41838  
Ion Ratio Lower Upper  
64 100  
66 33.1 22.3 41.3



#9  
Trichlorofluoromethane  
Concen: 5.45 ug/L  
RT: 1.751 min Scan# 221  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion:101 Resp: 115246  
Ion Ratio Lower Upper  
101 100  
103 65.2 52.0 78.0

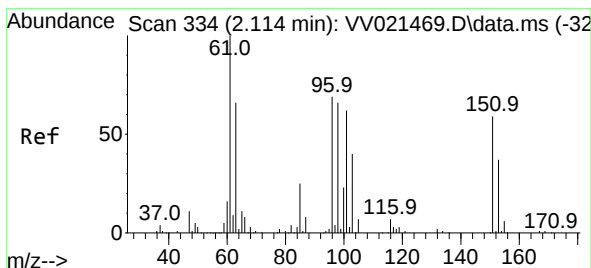
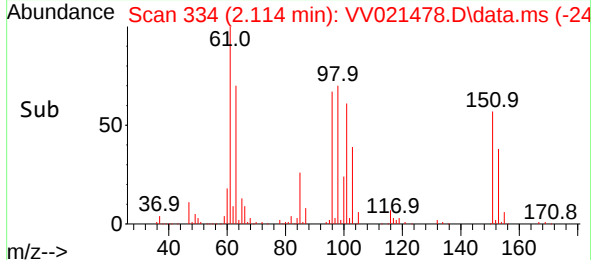
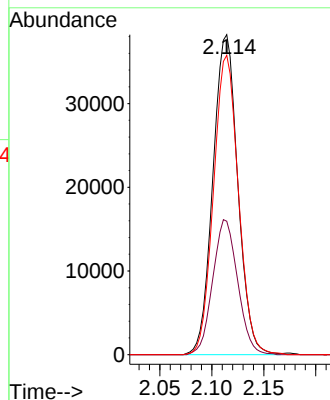
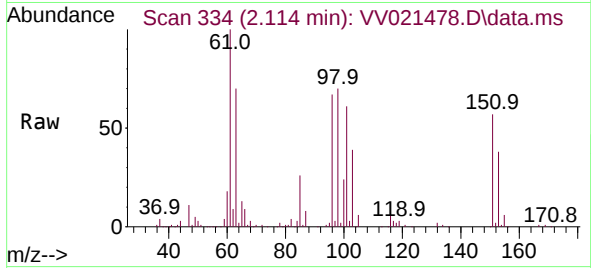




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 5.41 ug/L  
RT: 2.114 min Scan# 334  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

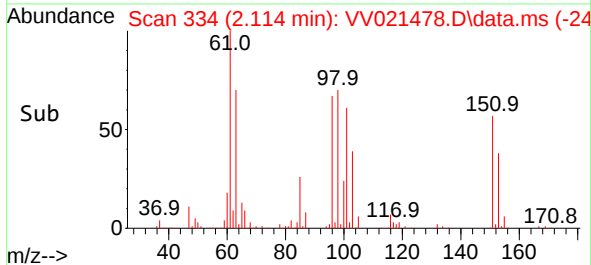
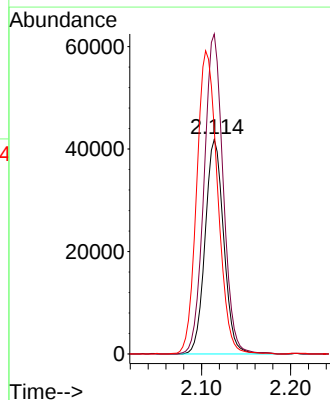
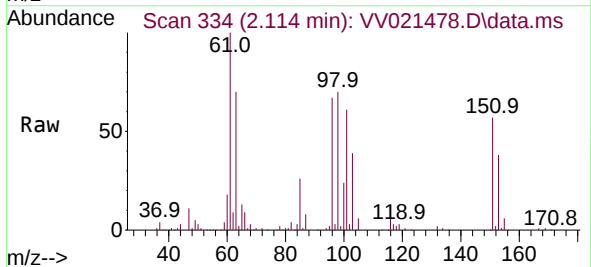
Instrument :  
MSVOA\_V  
ClientSampleId :

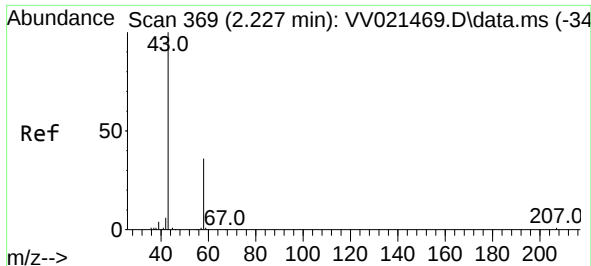
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Ion Ratio Lower Upper  
101 100  
85 42.3 32.6 48.8  
151 93.5 70.7 106.1



#12  
1,1-Dichloroethene  
Concen: 5.45 ug/L  
RT: 2.114 min Scan# 334  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion: 96 Resp: 60569  
Ion Ratio Lower Upper  
96 100  
61 149.1 103.7 192.5  
63 104.8 62.4 115.8

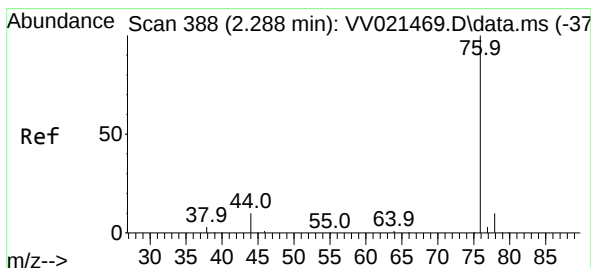
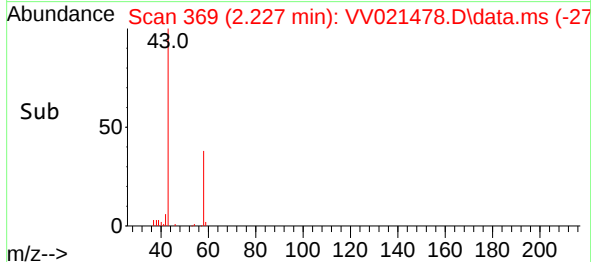
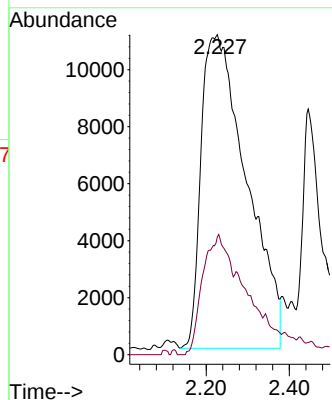
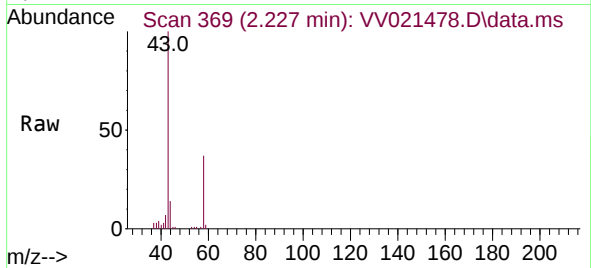




#13  
Acetone  
Concen: 43.46 ug/L  
RT: 2.227 min Scan# 369  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

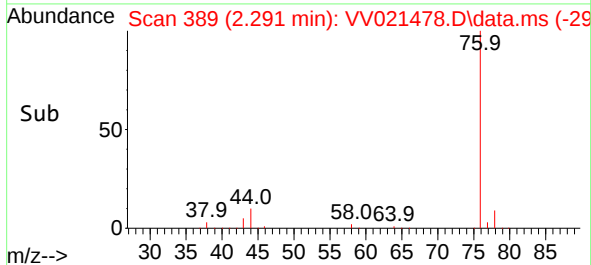
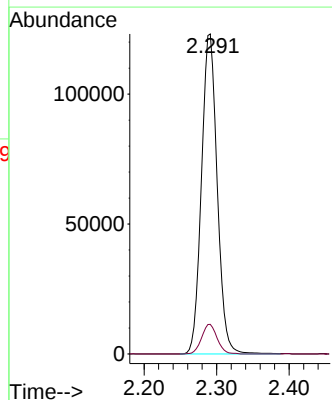
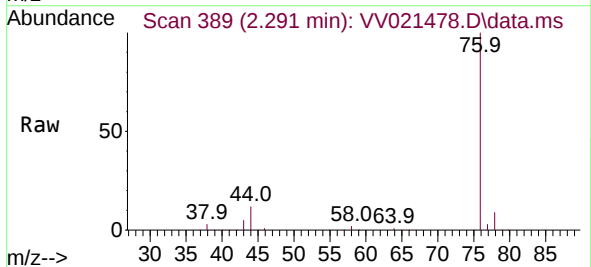
Instrument :  
MSVOA\_V  
ClientSampled :

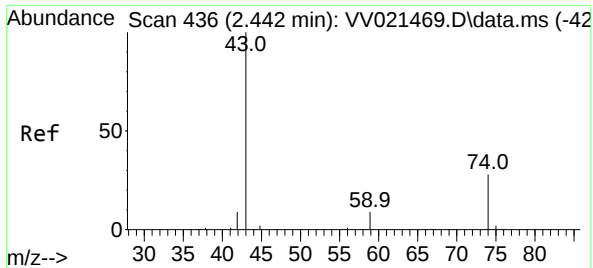
Tgt Ion: 43 Resp: 83484  
Ion Ratio Lower Upper  
43 100  
58 22.5 0.0 18.6#



#14  
Carbon disulfide  
Concen: 4.97 ug/L  
RT: 2.291 min Scan# 389  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion: 76 Resp: 185631  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.0

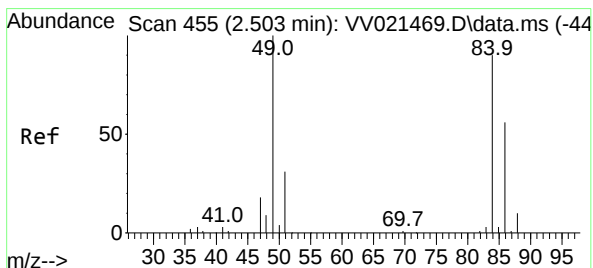
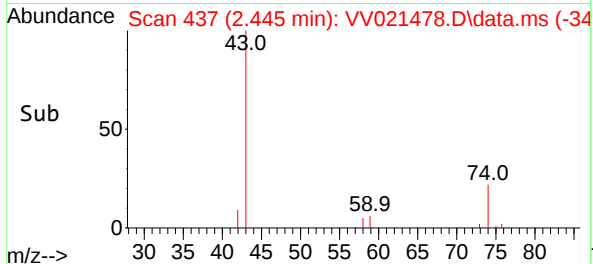
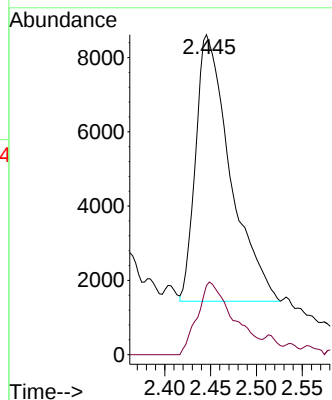
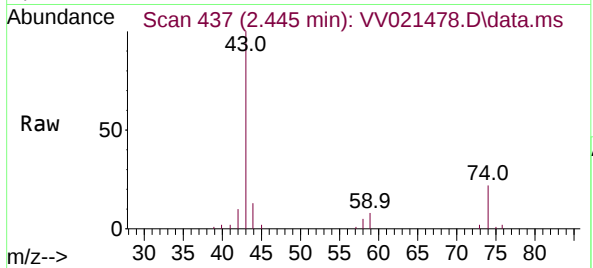




#15  
Methyl Acetate  
Concen: 4.16 ug/L  
RT: 2.445 min Scan# 437  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

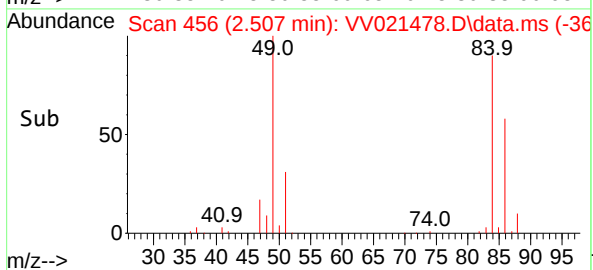
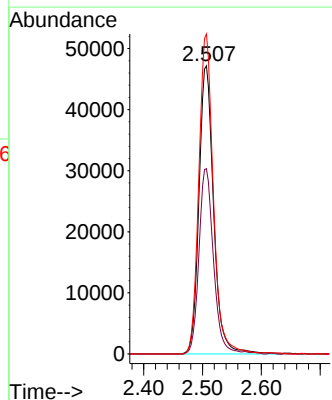
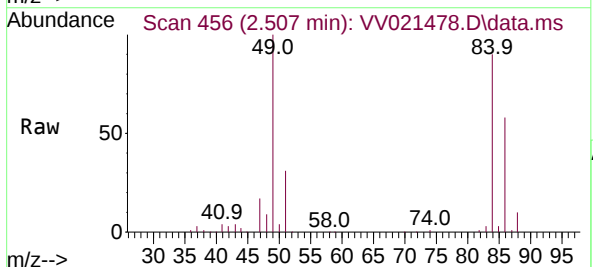
Instrument :  
MSVOA\_V  
ClientSampled :

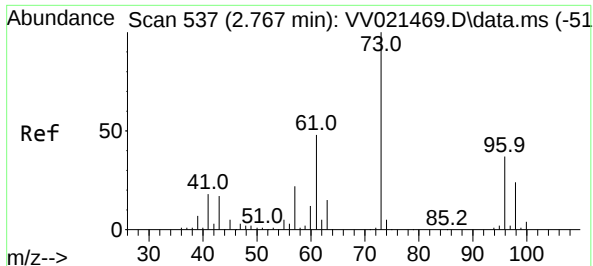
Tgt Ion: 43 Resp: 18834  
Ion Ratio Lower Upper  
43 100  
74 28.9 18.8 28.2#



#16  
Methylene chloride  
Concen: 4.47 ug/L  
RT: 2.507 min Scan# 456  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion: 84 Resp: 81601  
Ion Ratio Lower Upper  
84 100  
86 64.3 44.7 82.9  
49 111.0 82.7 153.5



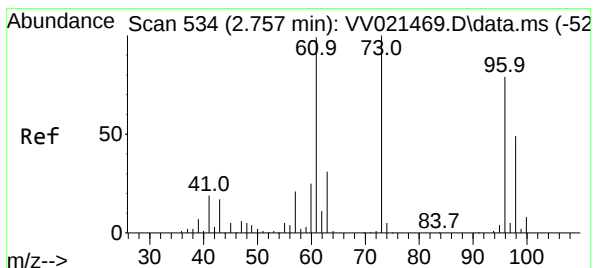
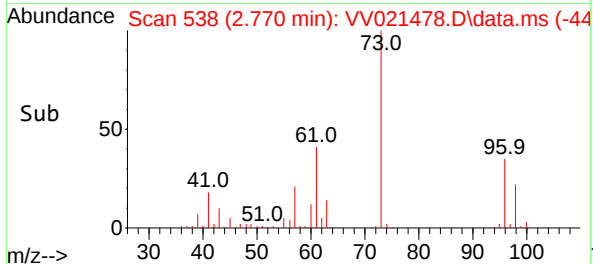
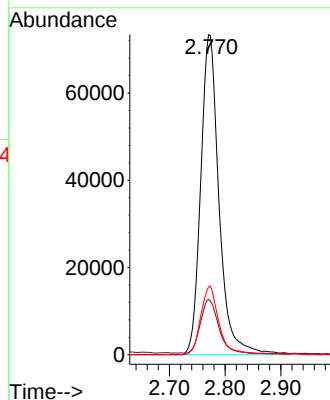
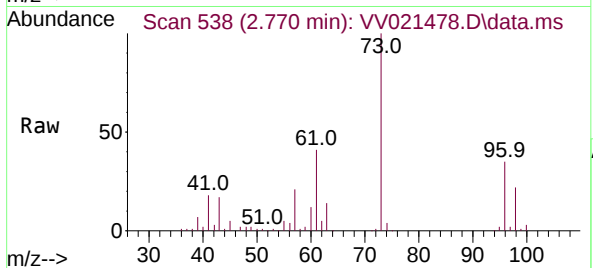


#17

Methyl tert-butyl Ether  
Concen: 5.22 ug/L  
RT: 2.770 min Scan# 538  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Instrument :  
MSVOA\_V  
ClientSampleId :

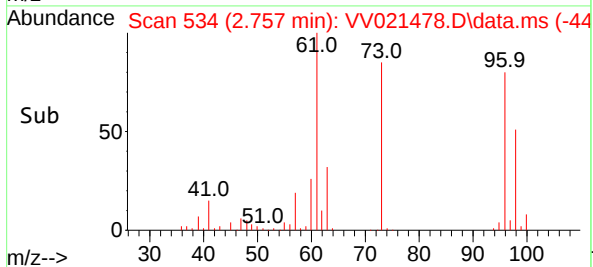
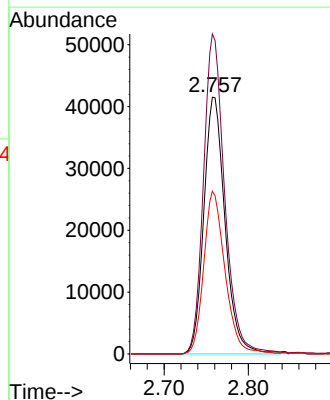
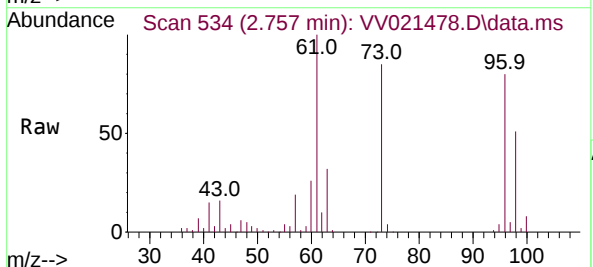
Tgt Ion: 73 Resp: 167736  
Ion Ratio Lower Upper  
73 100  
43 16.5 13.4 20.2  
57 21.3 17.8 26.8

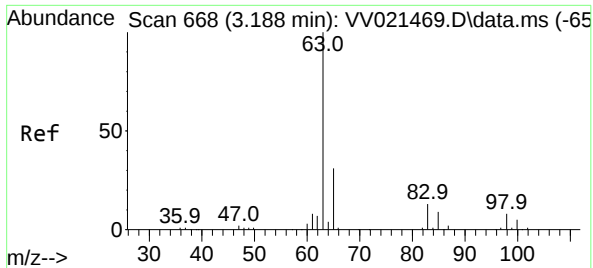


#18

trans-1,2-Dichloroethene  
Concen: 5.26 ug/L  
RT: 2.757 min Scan# 534  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion: 96 Resp: 72953  
Ion Ratio Lower Upper  
96 100  
61 124.6 88.7 164.7  
98 63.4 44.4 82.4





#19

1,1-Dichloroethane

Concen: 5.14 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV021478.D

Acq: 02 Jun 2021 13:59

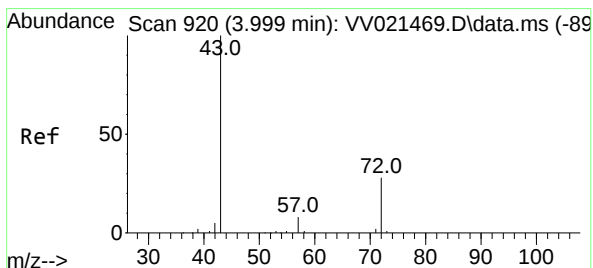
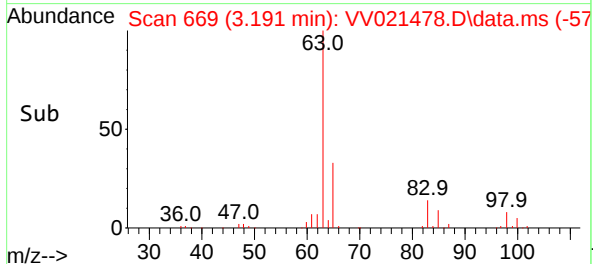
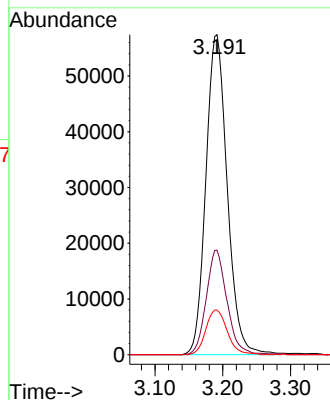
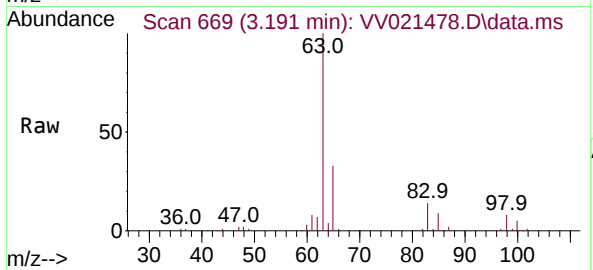
Tgt Ion: 63 Resp: 126003

Ion Ratio Lower Upper

63 100

65 32.6 23.2 43.2

83 14.0 9.4 17.4



#21

2-Butanone

Concen: 48.29 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.003 min

Lab File: VV021478.D

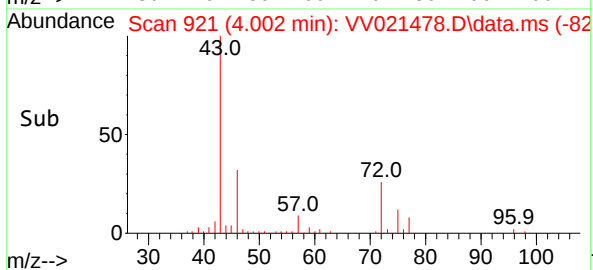
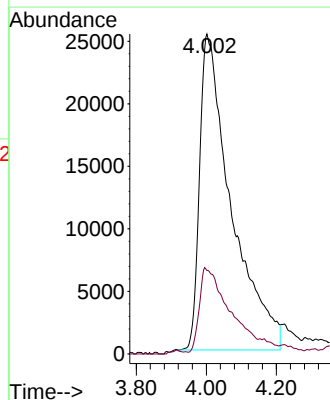
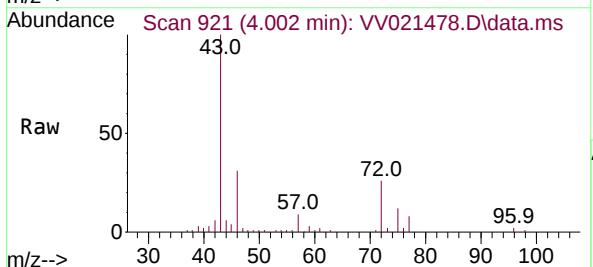
Acq: 02 Jun 2021 13:59

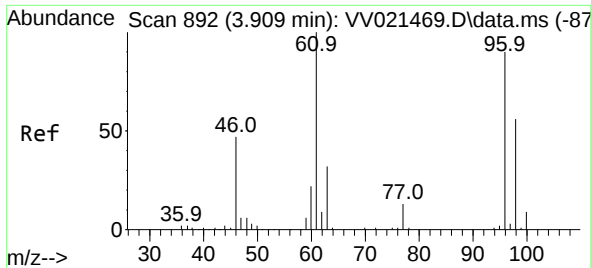
Tgt Ion: 43 Resp: 158014

Ion Ratio Lower Upper

43 100

72 25.0 10.7 31.9

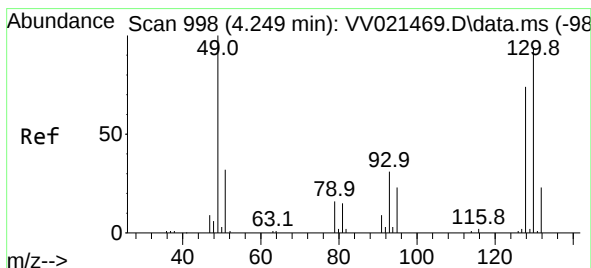
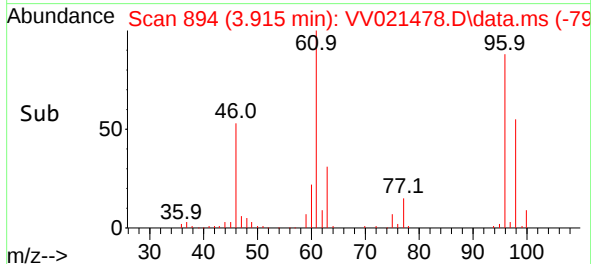
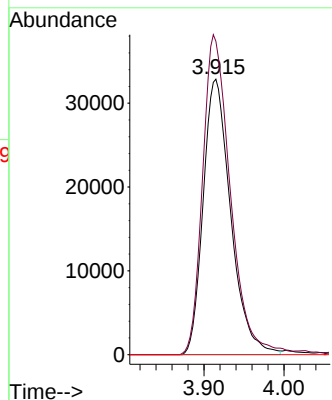
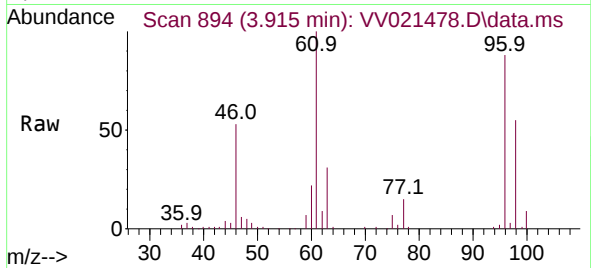




#22  
 cis-1,2-Dichloroethene  
 Concen: 5.22 ug/L  
 RT: 3.915 min Scan# 894  
 Delta R.T. 0.006 min  
 Lab File: VV021478.D  
 Acq: 02 Jun 2021 13:59

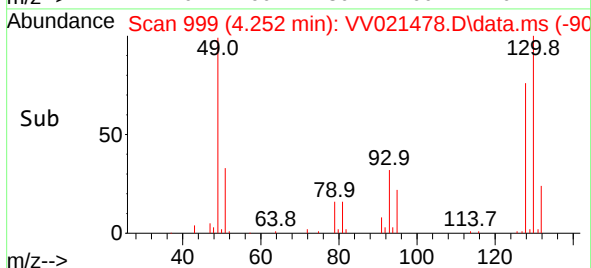
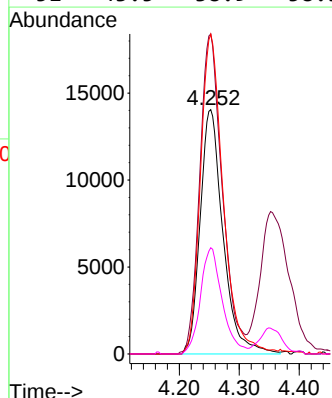
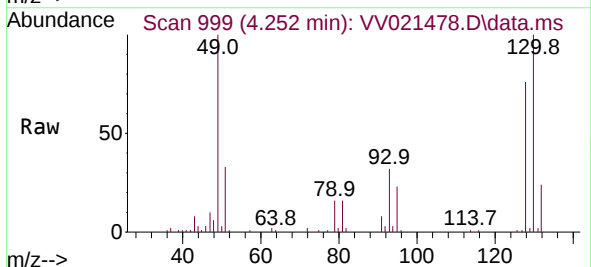
Instrument :  
 MSVOA\_V  
 ClientSampled :

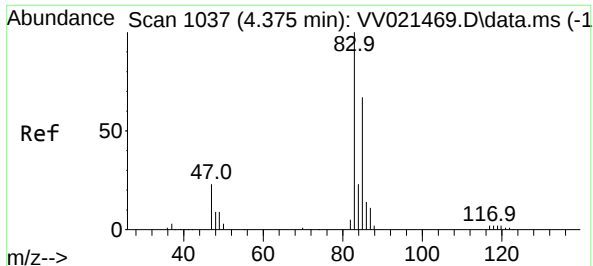
Tgt Ion: 96 Resp: 78758  
 Ion Ratio Lower Upper  
 96 100  
 61 113.8 81.9 152.1  
 68 0.0 0.0 0.0



#23  
 Bromochloromethane  
 Concen: 5.49 ug/L  
 RT: 4.252 min Scan# 999  
 Delta R.T. 0.003 min  
 Lab File: VV021478.D  
 Acq: 02 Jun 2021 13:59

Tgt Ion: 128 Resp: 37251  
 Ion Ratio Lower Upper  
 128 100  
 49 130.9 102.3 190.1  
 130 130.9 94.3 175.1  
 51 43.5 38.9 58.3





#25

Chloroform

Concen: 5.30 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV021478.D

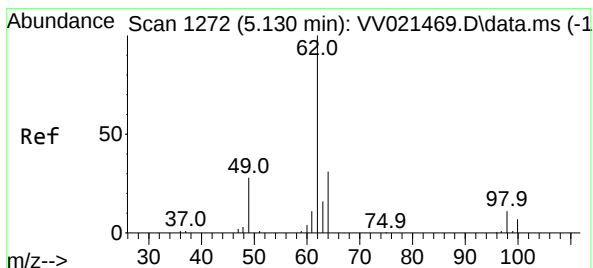
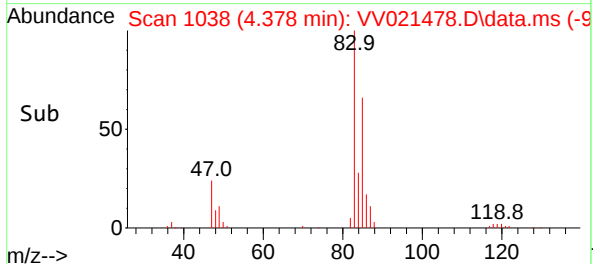
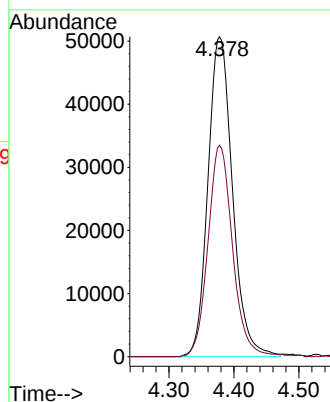
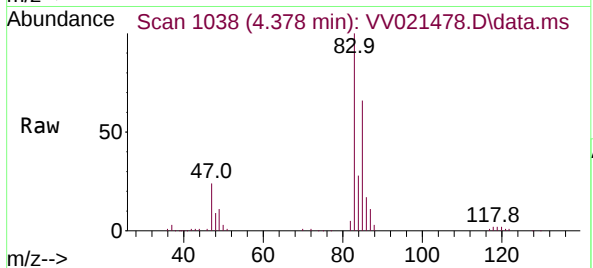
Acq: 02 Jun 2021 13:59

Tgt Ion: 83 Resp: 133040

Ion Ratio Lower Upper

83 100

85 66.1 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.08 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV021478.D

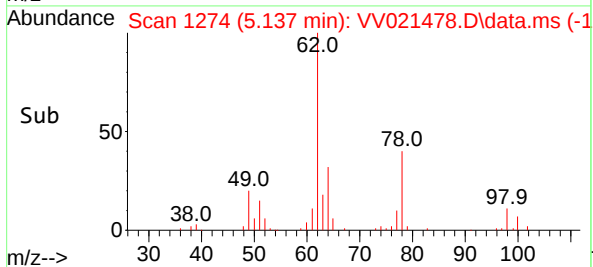
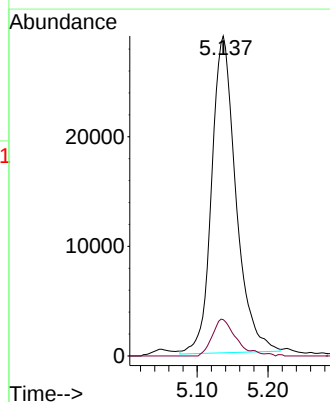
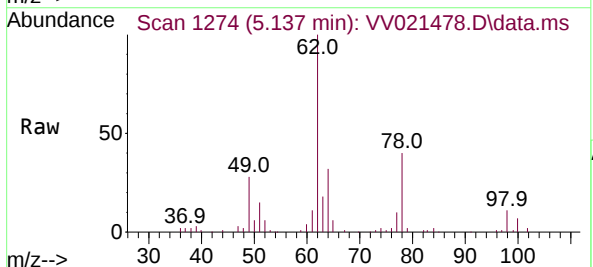
Acq: 02 Jun 2021 13:59

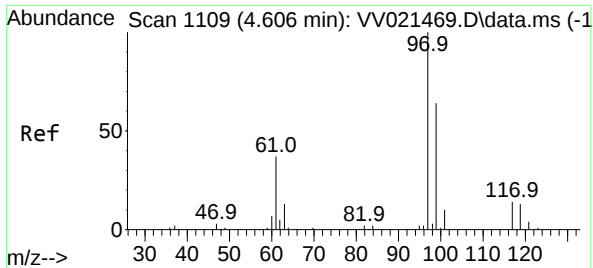
Tgt Ion: 62 Resp: 68998

Ion Ratio Lower Upper

62 100

98 11.3 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.30 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV021478.D

Acq: 02 Jun 2021 13:59

Tgt Ion: 97 Resp: 123668

Ion Ratio Lower Upper

97 100

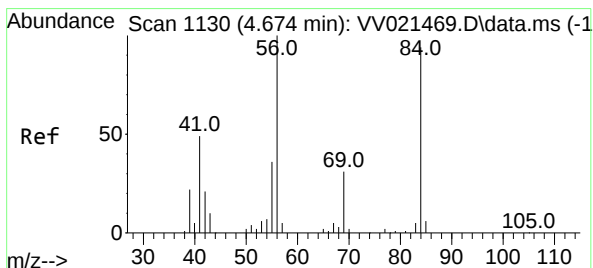
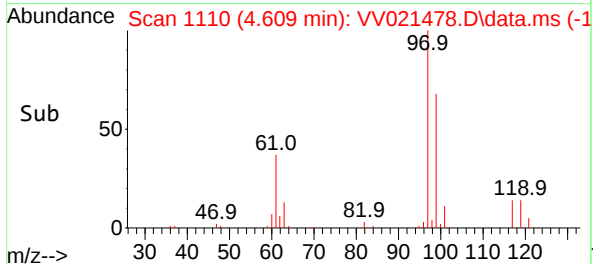
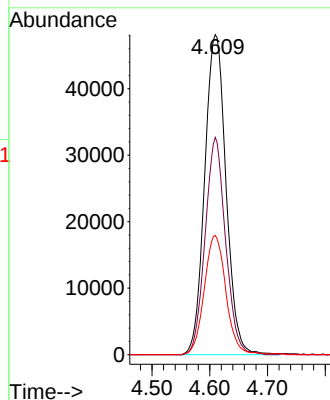
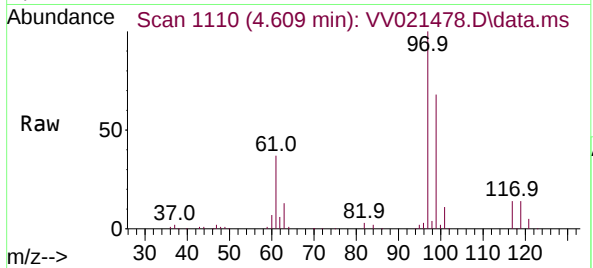
99 65.1 50.6 75.8

61 37.8 30.4 45.6

Instrument :

MSVOA\_V

ClientSampled :



#30

Cyclohexane

Concen: 4.89 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV021478.D

Acq: 02 Jun 2021 13:59

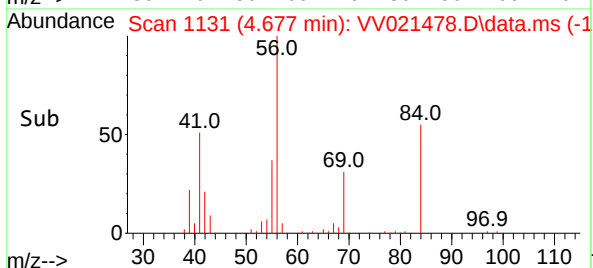
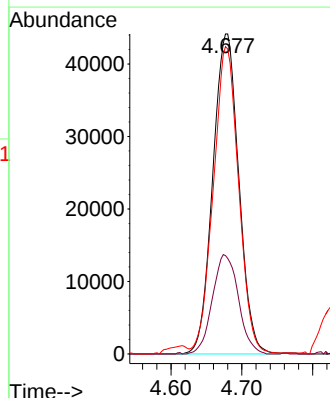
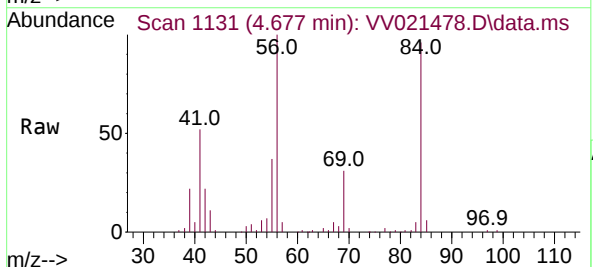
Tgt Ion: 56 Resp: 112318

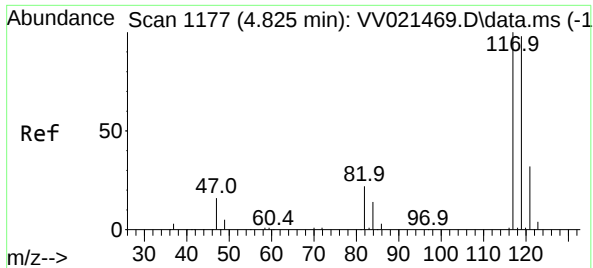
Ion Ratio Lower Upper

56 100

69 31.0 25.2 37.8

84 93.1 72.7 109.1

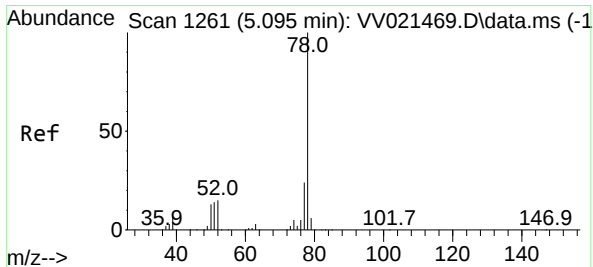
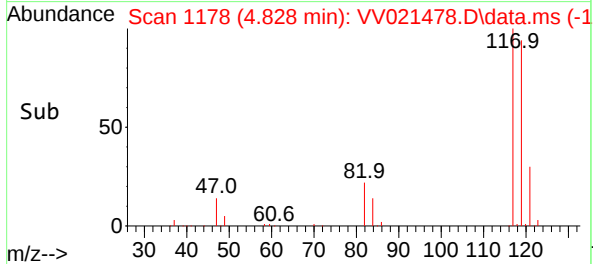
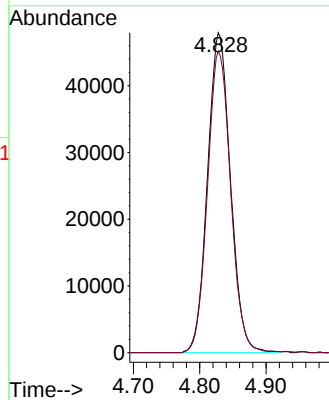
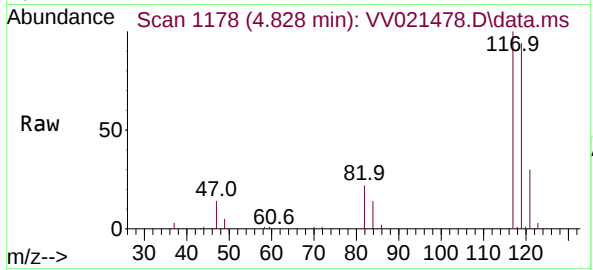




#31  
Carbon tetrachloride  
Concen: 5.45 ug/L  
RT: 4.828 min Scan# 1178  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

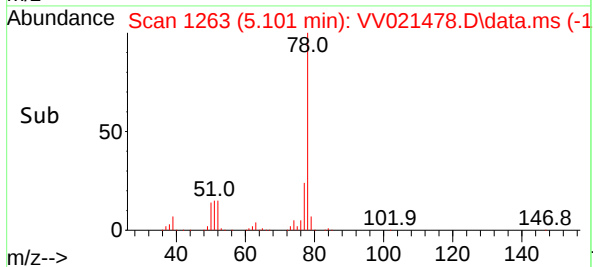
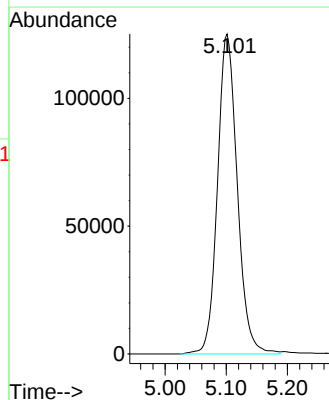
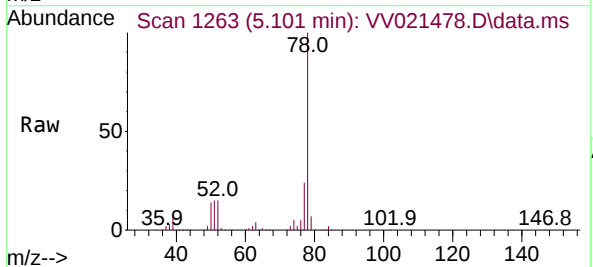
Instrument :  
MSVOA\_V  
ClientSampled :

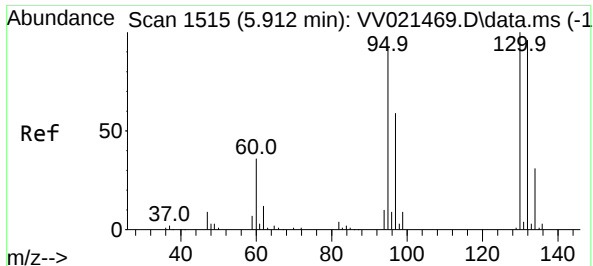
Tgt Ion:117 Resp: 115327  
Ion Ratio Lower Upper  
117 100  
119 95.2 77.0 115.6



#33  
Benzene  
Concen: 5.19 ug/L  
RT: 5.101 min Scan# 1263  
Delta R.T. 0.006 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion: 78 Resp: 281594

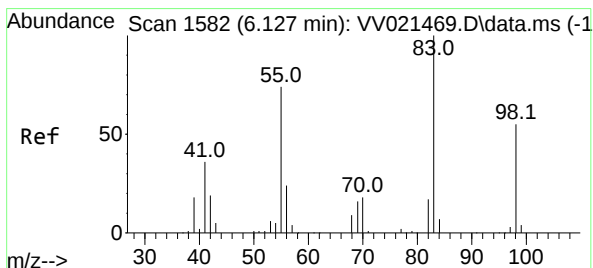
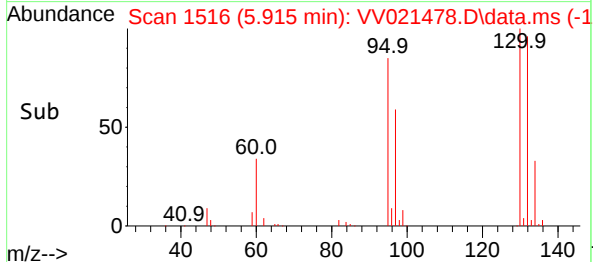
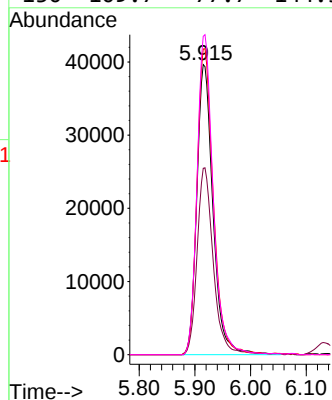
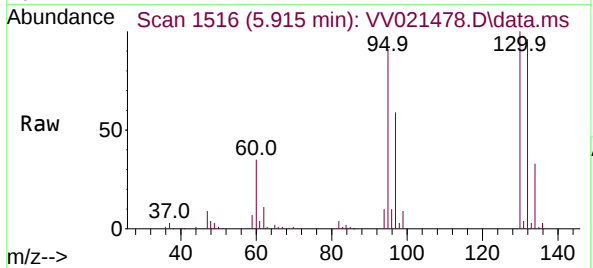




#34  
Trichloroethene  
Concen: 5.36 ug/L  
RT: 5.915 min Scan# 1516  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

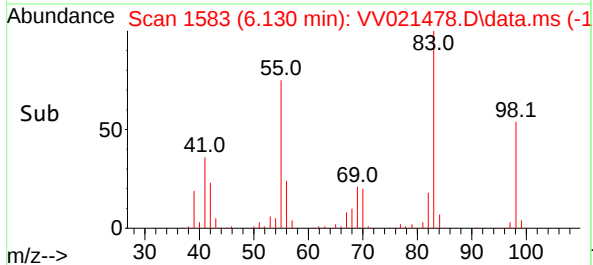
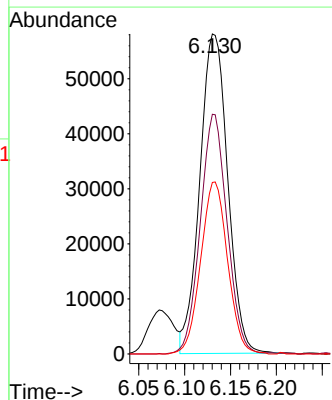
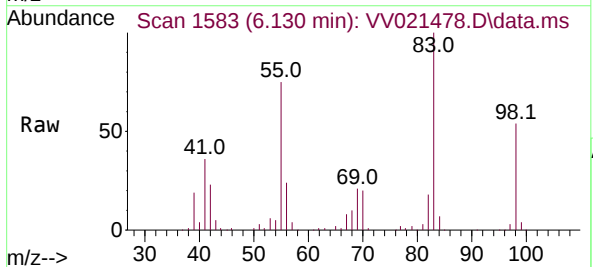
Instrument :  
MSVOA\_V  
ClientSampled :

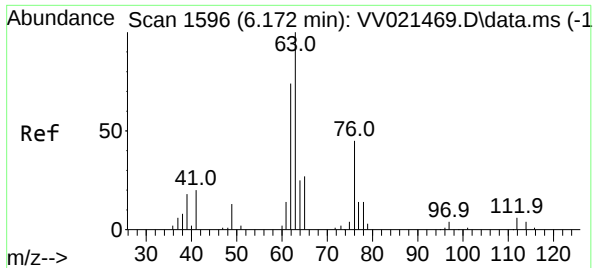
Tgt Ion: 95 Resp: 79865  
Ion Ratio Lower Upper  
95 100  
97 64.2 45.4 84.4  
132 105.4 74.5 138.3  
130 109.7 77.7 144.3



#35  
Methylcyclohexane  
Concen: 5.01 ug/L  
RT: 6.130 min Scan# 1583  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion: 83 Resp: 122977  
Ion Ratio Lower Upper  
83 100  
55 72.0 57.7 86.5  
98 51.9 40.6 61.0

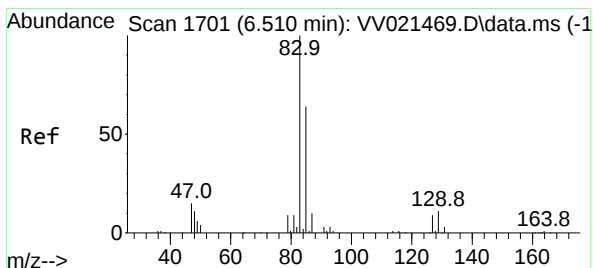
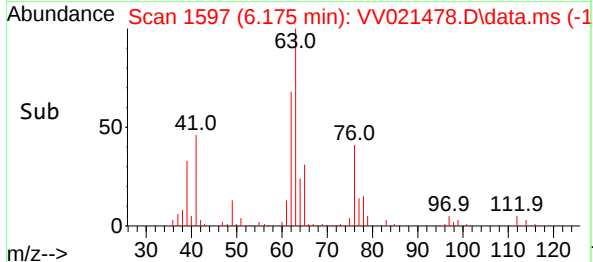
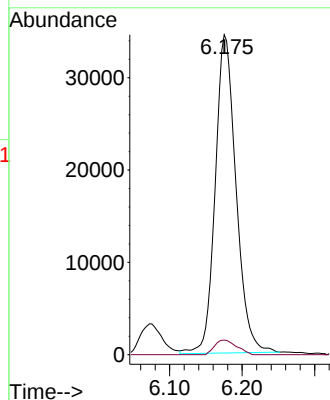
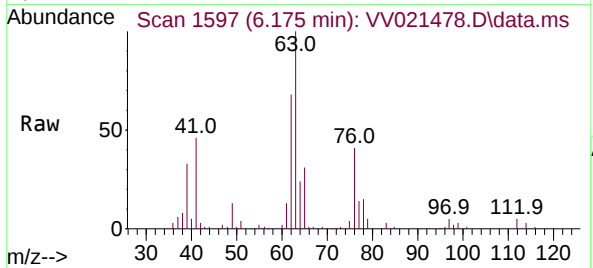




#37  
1,2-Dichloropropane  
Concen: 5.10 ug/L  
RT: 6.175 min Scan# 1597  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

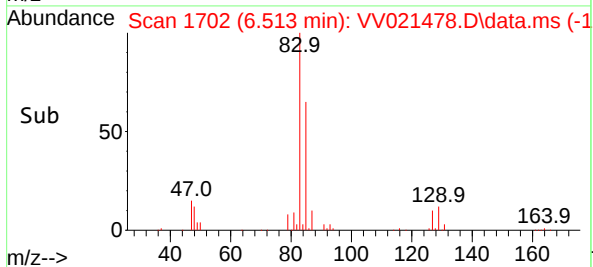
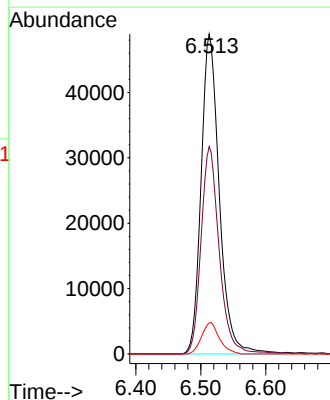
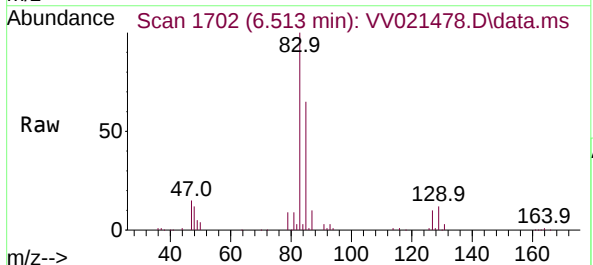
Instrument :  
MSVOA\_V  
ClientSampled :

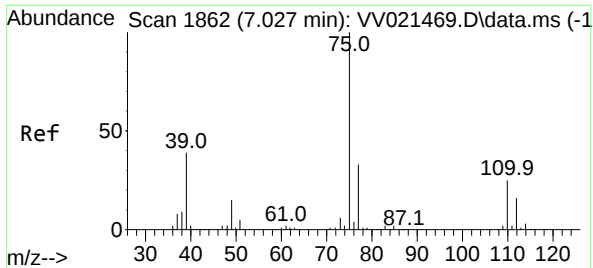
Tgt Ion: 63 Resp: 68678  
Ion Ratio Lower Upper  
63 100  
112 4.8 3.8 5.8



#38  
Bromodichloromethane  
Concen: 5.19 ug/L  
RT: 6.513 min Scan# 1702  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion: 83 Resp: 95437  
Ion Ratio Lower Upper  
83 100  
85 64.8 46.2 85.8  
127 9.7 7.3 10.9

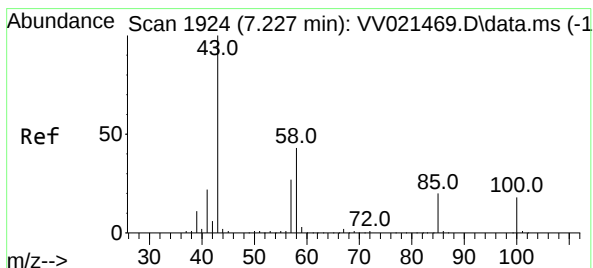
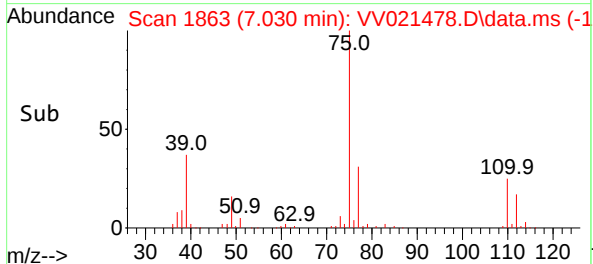
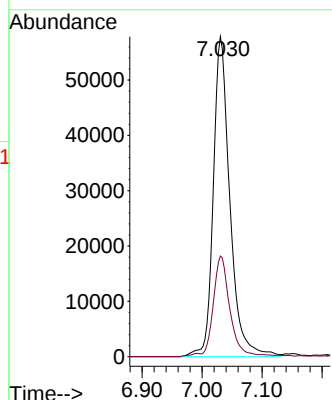
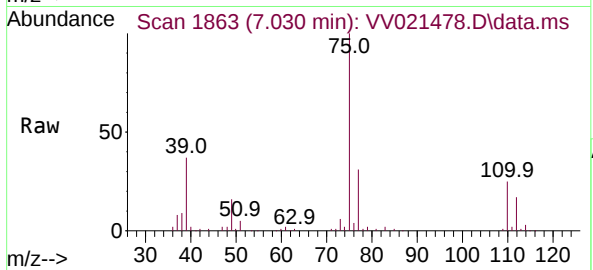




#39  
cis-1,3-Dichloropropene  
Concen: 5.17 ug/L  
RT: 7.030 min Scan# 1863  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

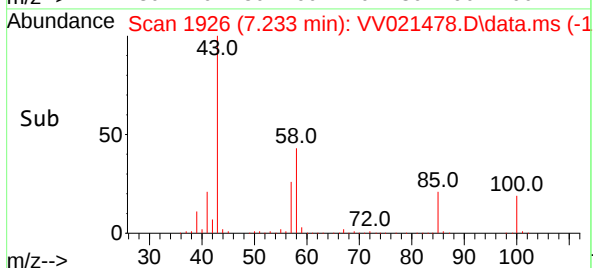
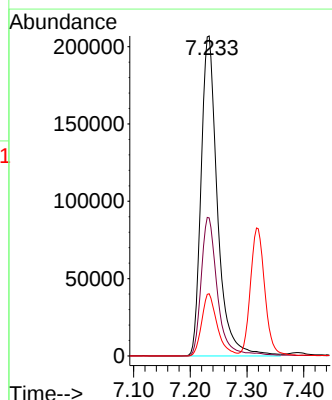
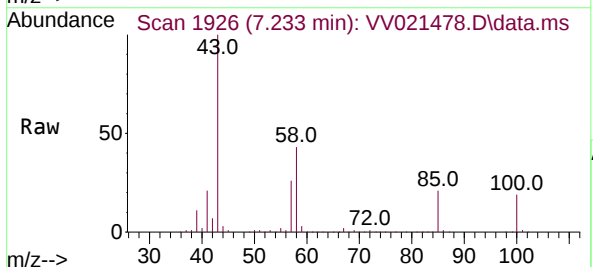
Instrument :  
MSVOA\_V  
ClientSampled :

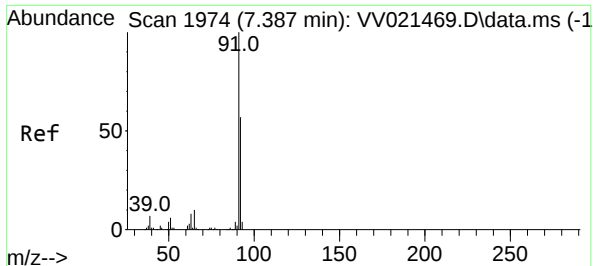
Tgt Ion: 75 Resp: 111329  
Ion Ratio Lower Upper  
75 100  
77 31.4 22.8 42.4



#40  
4-Methyl-2-pentanone  
Concen: 50.47 ug/L  
RT: 7.233 min Scan# 1926  
Delta R.T. 0.006 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion: 43 Resp: 415635  
Ion Ratio Lower Upper  
43 100  
58 43.3 33.9 50.9  
100 18.5 14.2 21.4

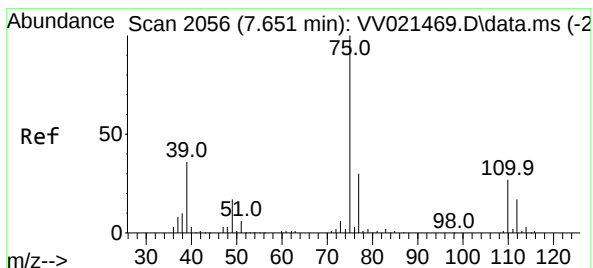
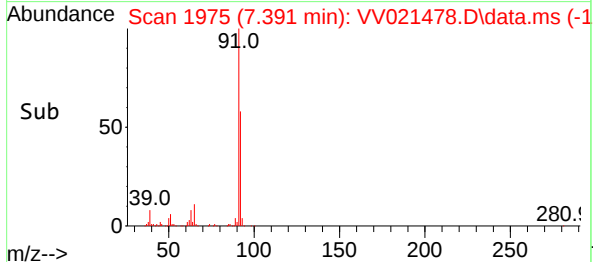
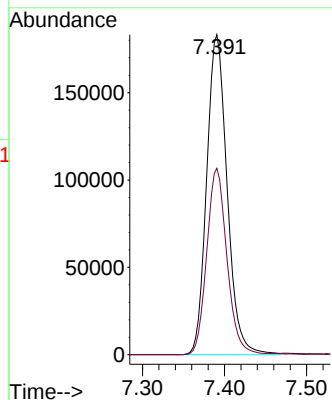
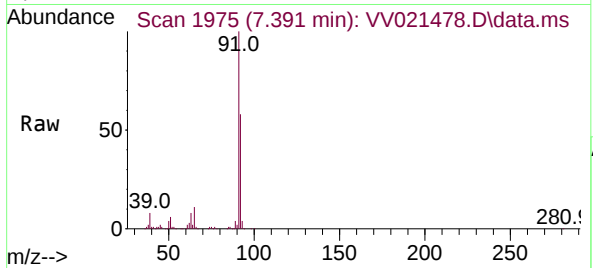




#42  
Toluene  
Concen: 5.29 ug/L  
RT: 7.391 min Scan# 1975  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

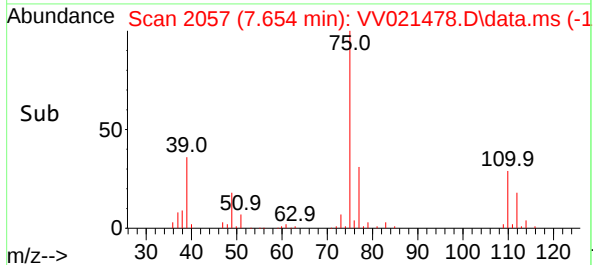
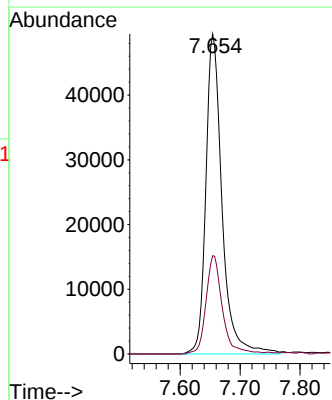
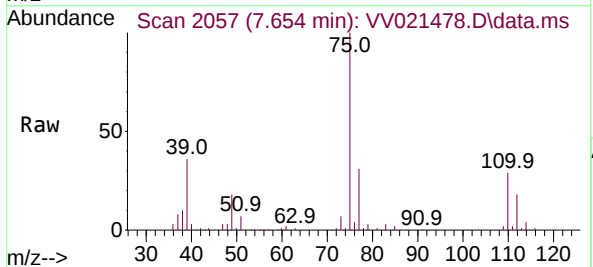
Instrument :  
MSVOA\_V  
ClientSampled :

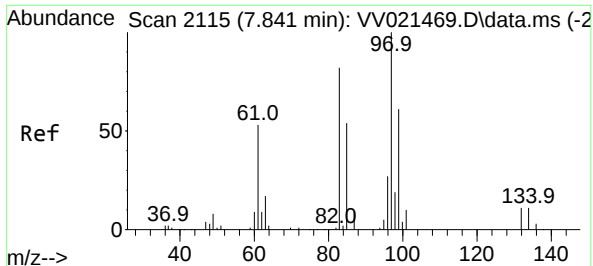
Tgt Ion: 91 Resp: 317594  
Ion Ratio Lower Upper  
91 100  
92 58.2 40.9 76.0



#44  
trans-1,3-Dichloropropene  
Concen: 5.24 ug/L  
RT: 7.654 min Scan# 2057  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion: 75 Resp: 92663  
Ion Ratio Lower Upper  
75 100  
77 30.7 22.2 41.2

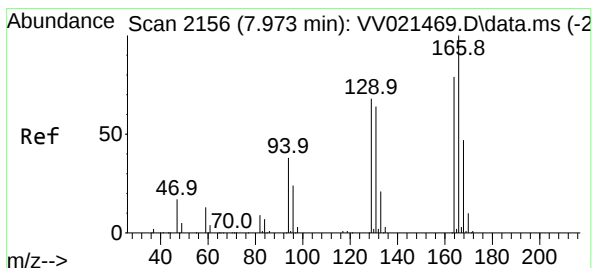
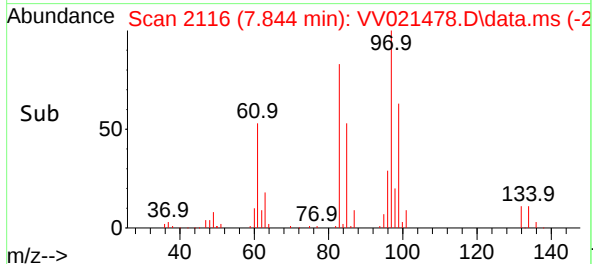
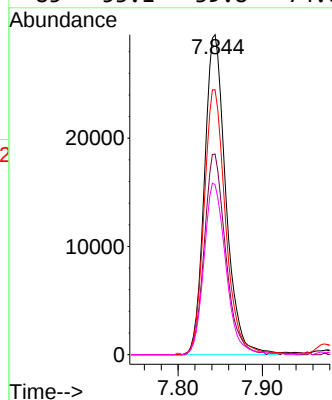
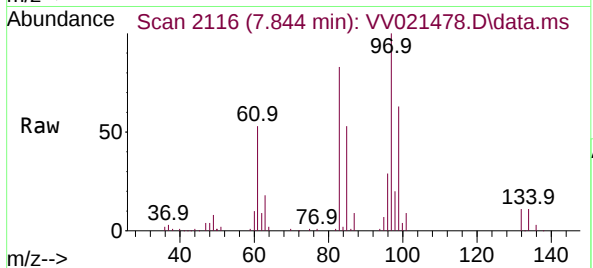




#45  
1,1,2-Trichloroethane  
Concen: 5.27 ug/L  
RT: 7.844 min Scan# 2116  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

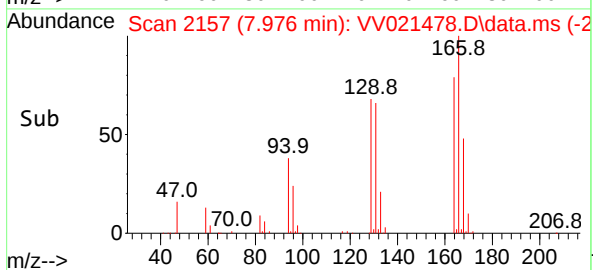
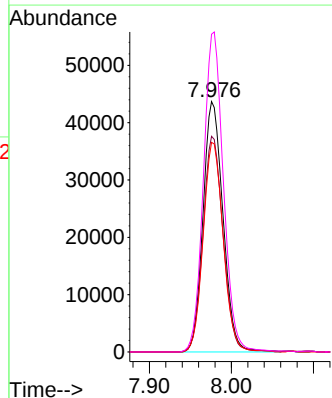
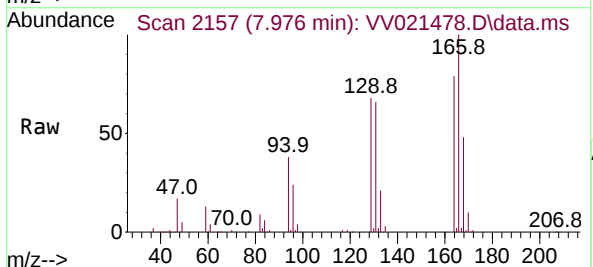
Instrument :  
MSVOA\_V  
ClientSampleId :

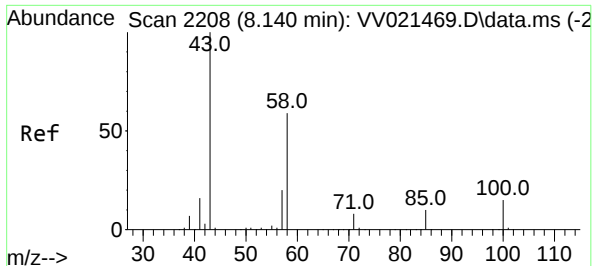
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 52399 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 62.7  | 44.0  | 81.8  |
| 83       | 82.8  | 59.0  | 109.6 |
| 85       | 53.1  | 39.8  | 74.0  |



#47  
Tetrachloroethene  
Concen: 5.44 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 73852 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 86.1  | 61.8  | 114.8 |
| 131      | 83.8  | 57.8  | 107.4 |
| 166      | 126.9 | 87.4  | 162.4 |



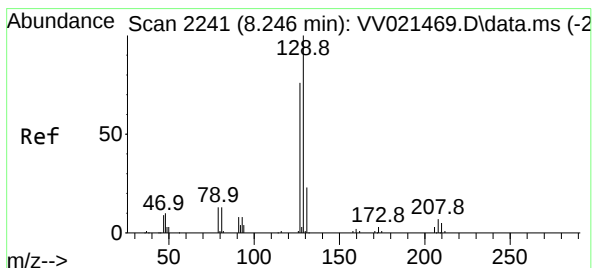
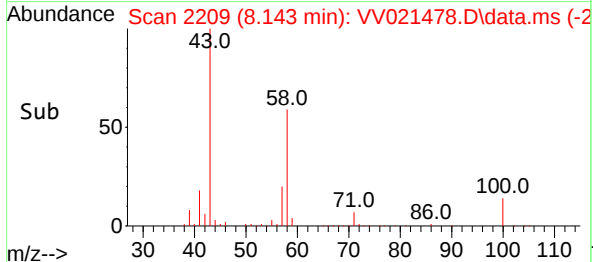
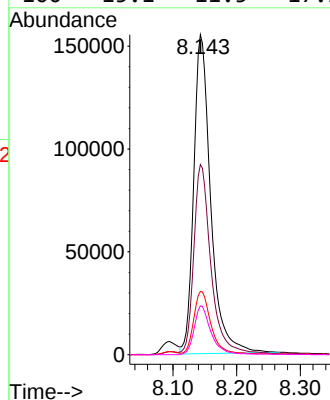
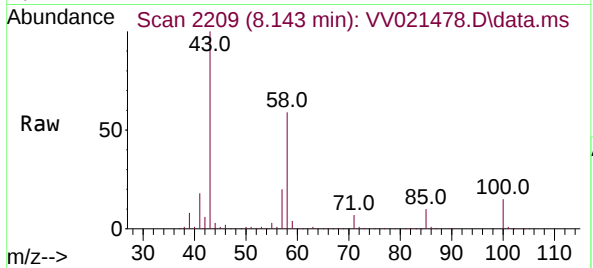


#48  
2-Hexanone  
Concen: 51.48 ug/L  
RT: 8.143 min Scan# 2209  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 43 Resp: 288228

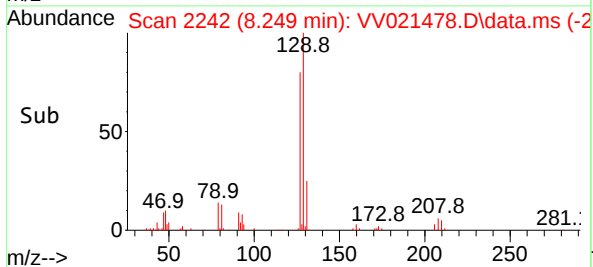
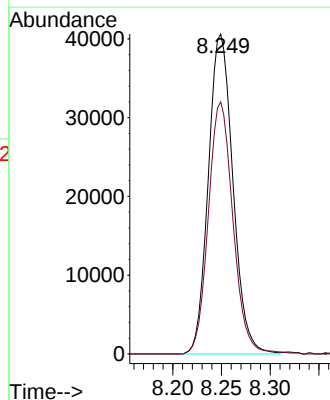
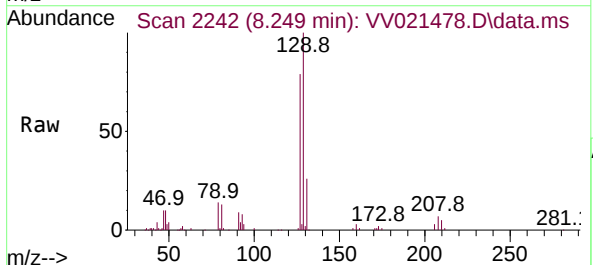
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 58.7  | 47.0  | 70.4  |
| 57  | 19.9  | 15.4  | 23.2  |
| 100 | 15.1  | 11.5  | 17.3  |

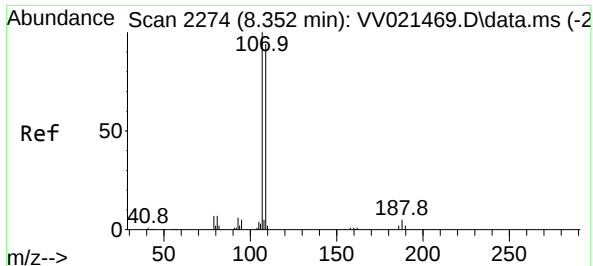


#49  
Dibromochloromethane  
Concen: 5.28 ug/L  
RT: 8.249 min Scan# 2242  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion: 129 Resp: 71367

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 78.8  | 55.4  | 103.0 |





#50

1,2-Dibromoethane

Concen: 5.27 ug/L

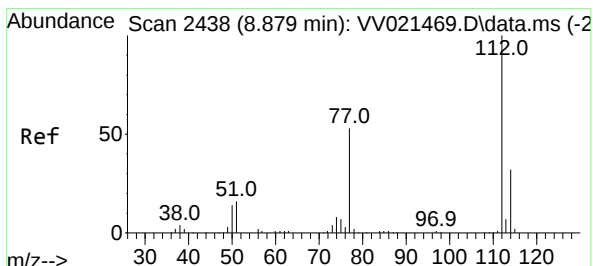
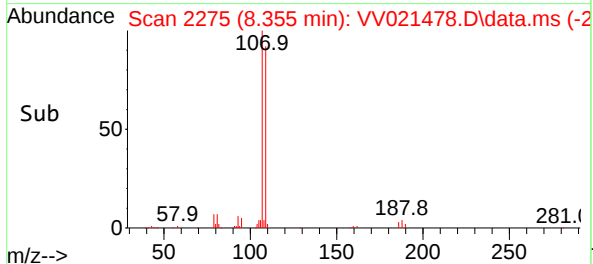
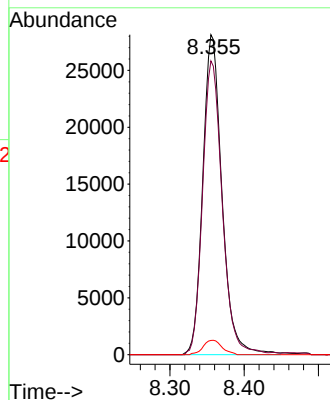
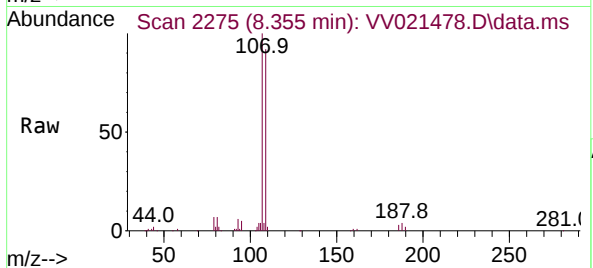
RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VV021478.D

Acq: 02 Jun 2021 13:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 50582 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 109       | 91.8  | 65.3  | 121.3 |
| 188       | 4.5   | 3.8   | 5.6   |



#51

Chlorobenzene

Concen: 5.31 ug/L

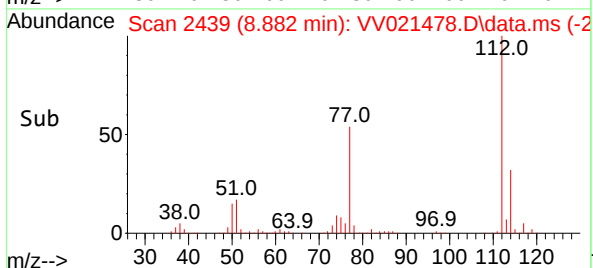
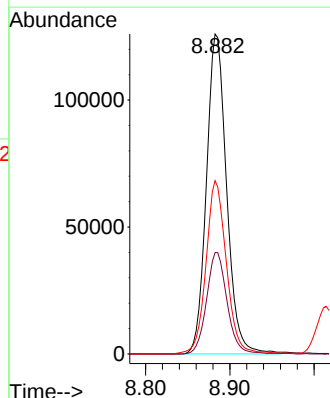
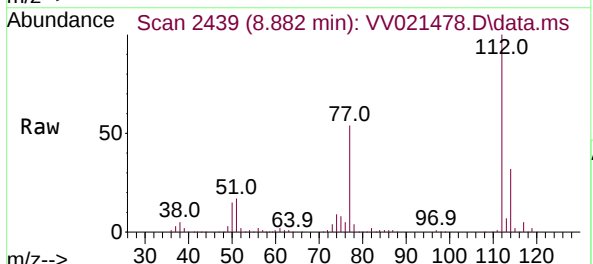
RT: 8.882 min Scan# 2439

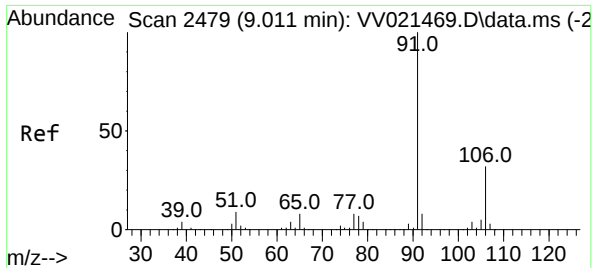
Delta R.T. 0.003 min

Lab File: VV021478.D

Acq: 02 Jun 2021 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 210169 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 114       | 31.7  | 22.5  | 41.9   |
| 77        | 54.1  | 44.5  | 66.7   |





#52

Ethylbenzene

Concen: 5.29 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV021478.D

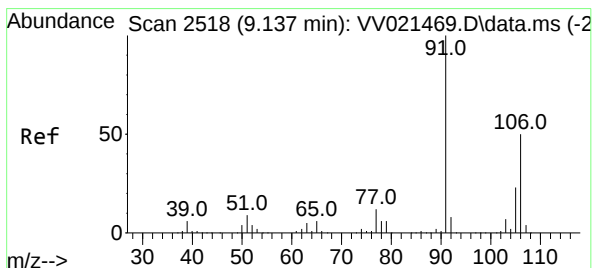
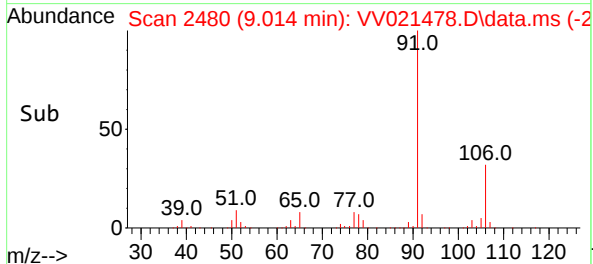
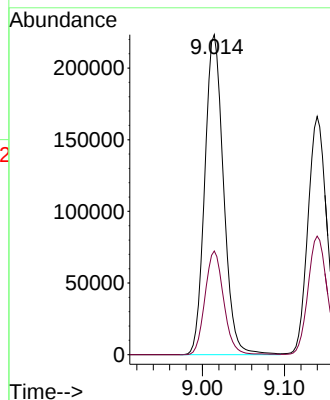
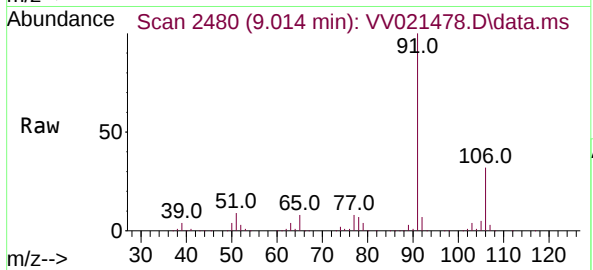
Acq: 02 Jun 2021 13:59

Tgt Ion: 91 Resp: 355017

Ion Ratio Lower Upper

91 100

106 32.4 22.0 41.0



#53

m,p-xylene

Concen: 5.26 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV021478.D

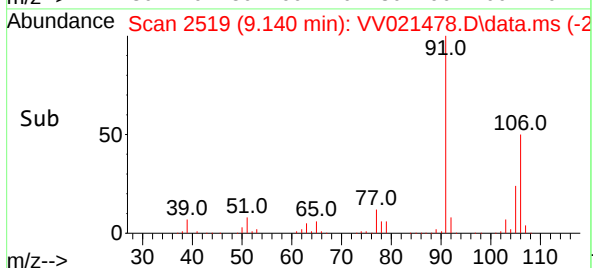
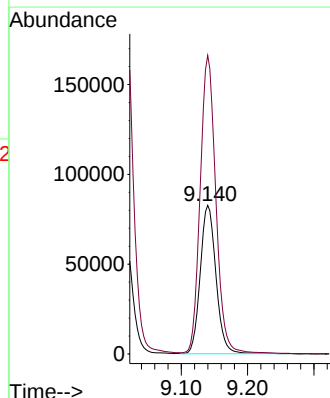
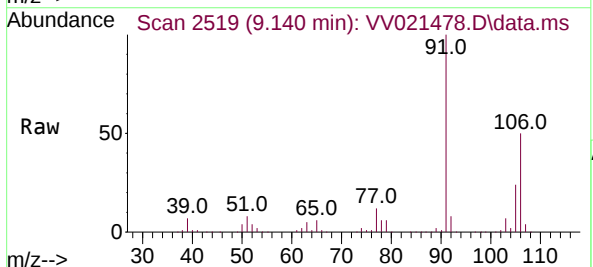
Acq: 02 Jun 2021 13:59

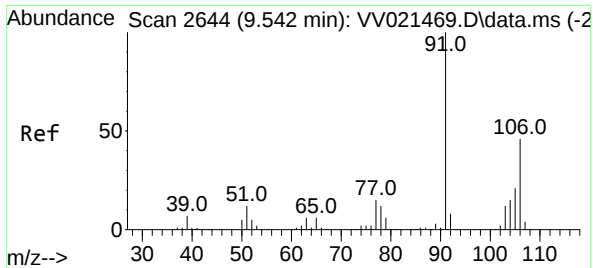
Tgt Ion: 106 Resp: 136041

Ion Ratio Lower Upper

106 100

91 200.9 140.8 261.4

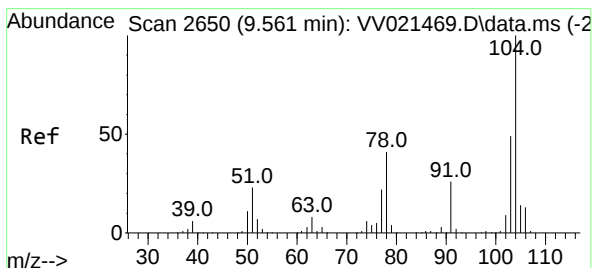
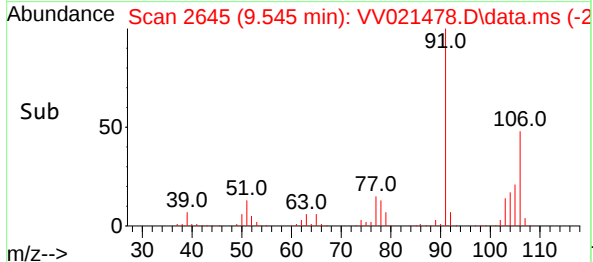
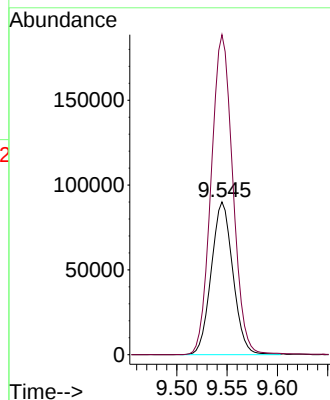
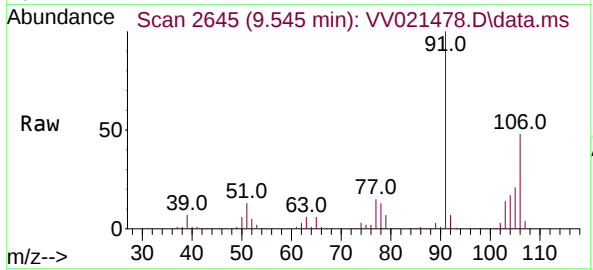




#54  
o-xylene  
Concen: 5.33 ug/L  
RT: 9.545 min Scan# 2645  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

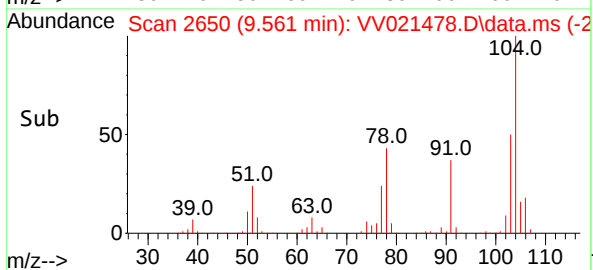
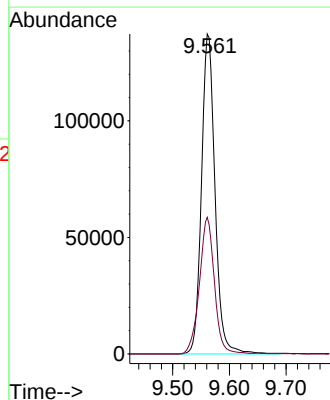
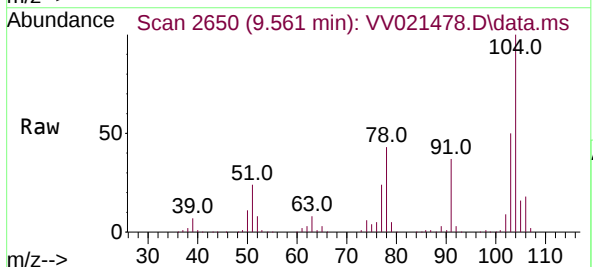
Instrument :  
MSVOA\_V  
ClientSampled :

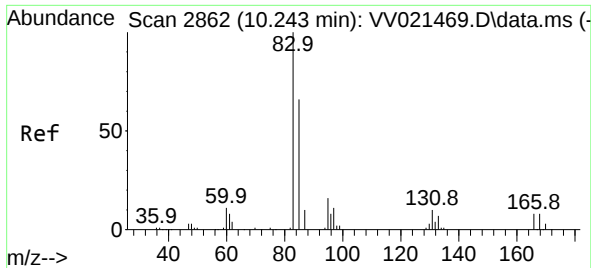
Tgt Ion:106 Resp: 134668  
Ion Ratio Lower Upper  
106 100  
91 209.4 146.7 272.4



#55  
Styrene  
Concen: 5.35 ug/L  
RT: 9.561 min Scan# 2650  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion:104 Resp: 227629  
Ion Ratio Lower Upper  
104 100  
78 42.7 29.7 55.1

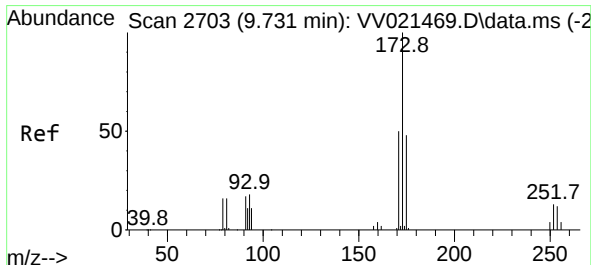
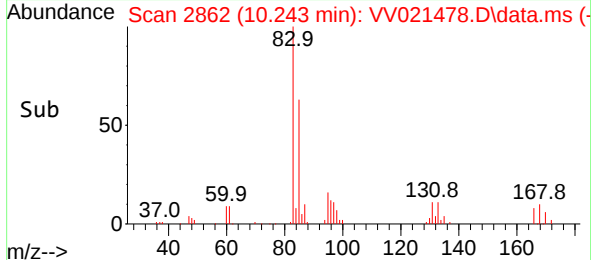
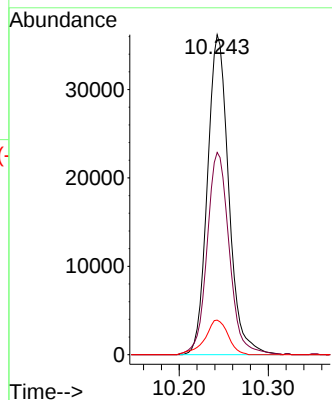
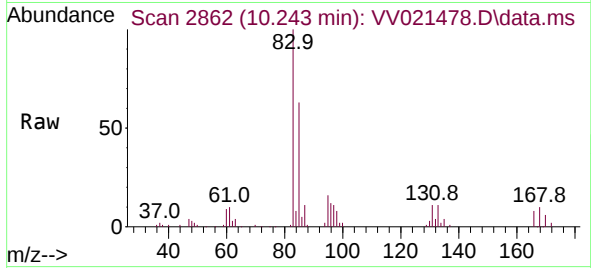




#57  
1,1,2,2-Tetrachloroethane  
Concen: 5.12 ug/L  
RT: 10.243 min Scan# 2862  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

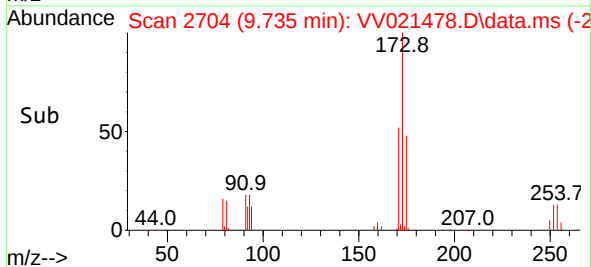
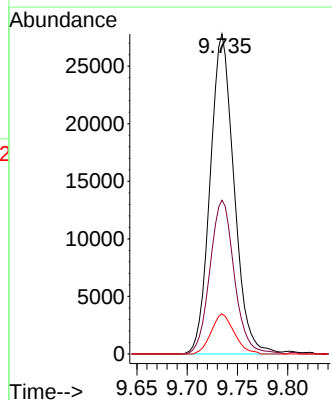
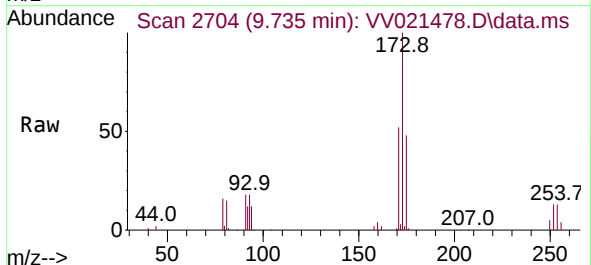
Instrument :  
MSVOA\_V  
ClientSampleId :

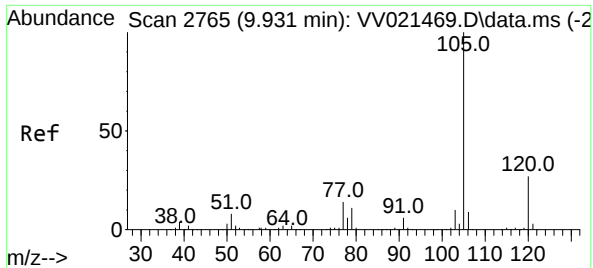
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 59964 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 63.2  | 43.3  | 80.3  |
| 131       | 10.8  | 9.4   | 14.0  |



#59  
Bromoform  
Concen: 5.18 ug/L  
RT: 9.735 min Scan# 2704  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 45950 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.9  | 40.2  | 60.4  |
| 254       | 12.1  | 9.8   | 14.8  |

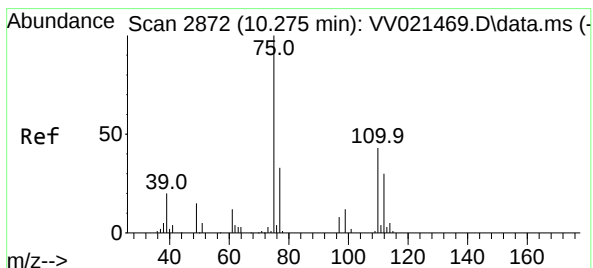
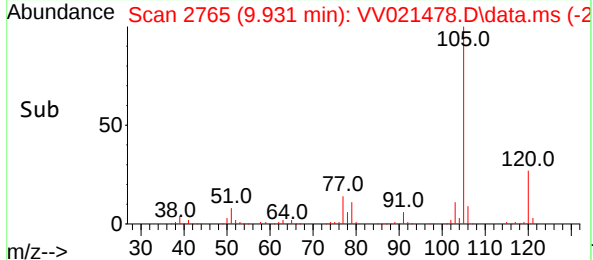
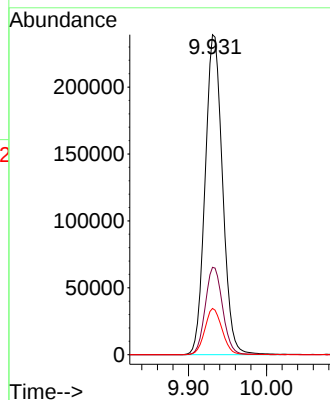
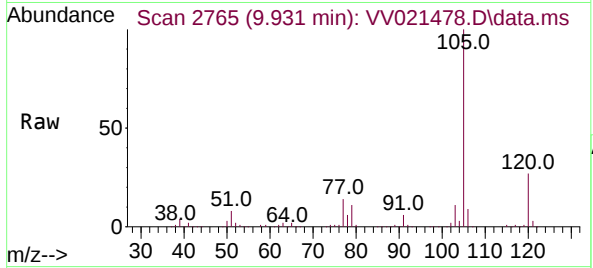




#60  
Isopropylbenzene  
Concen: 5.11 ug/L  
RT: 9.931 min Scan# 2765  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

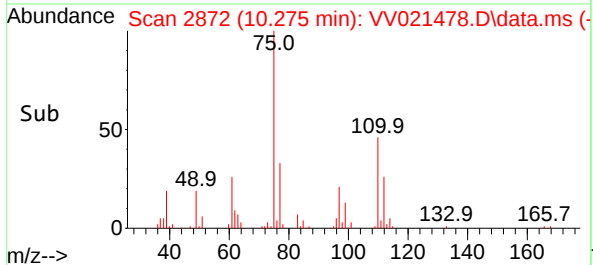
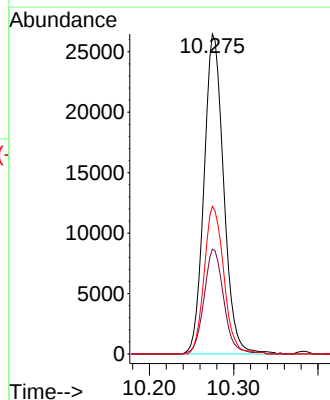
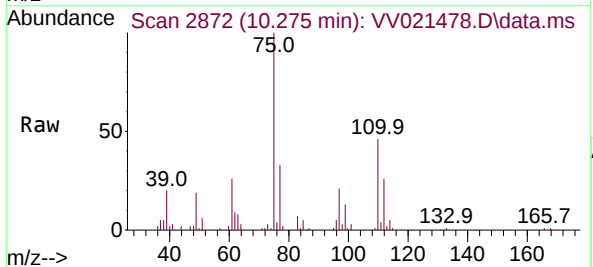
Instrument :  
MSVOA\_V  
ClientSampleId :

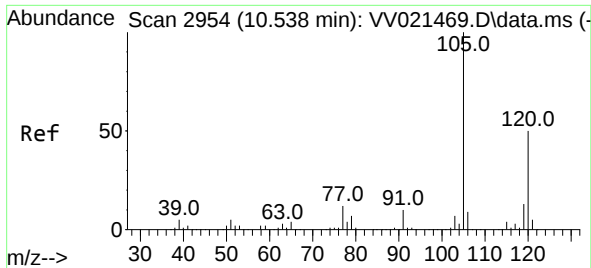
Tgt Ion:105 Resp: 370954  
Ion Ratio Lower Upper  
105 100  
120 27.4 21.8 32.8  
77 14.4 11.3 16.9



#61  
1,2,3-Trichloropropane  
Concen: 4.94 ug/L  
RT: 10.275 min Scan# 2872  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion: 75 Resp: 43052  
Ion Ratio Lower Upper  
75 100  
77 32.6 27.3 40.9  
110 46.0 34.2 51.2

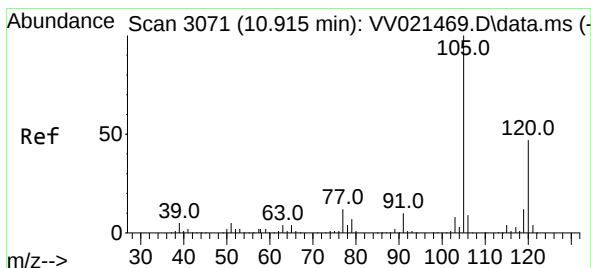
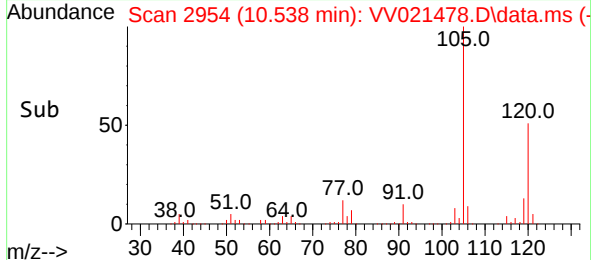
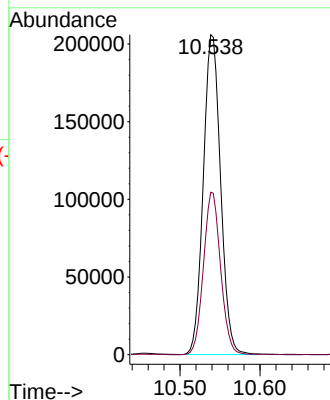
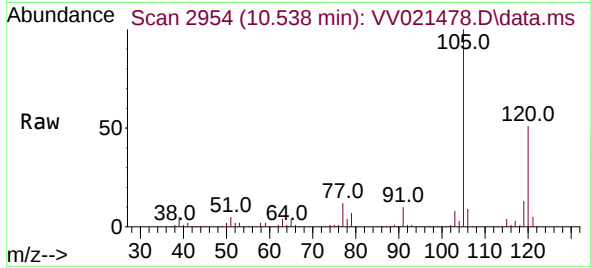




#62  
1,3,5-Trimethylbenzene  
Concen: 5.02 ug/L  
RT: 10.538 min Scan# 2954  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

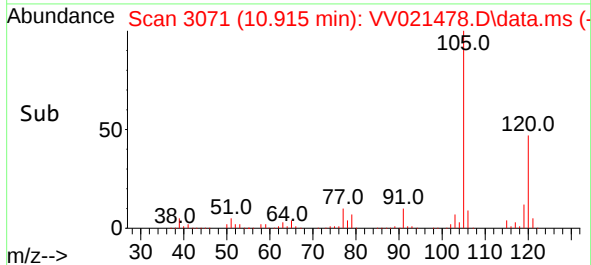
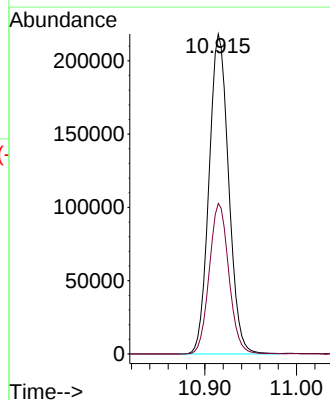
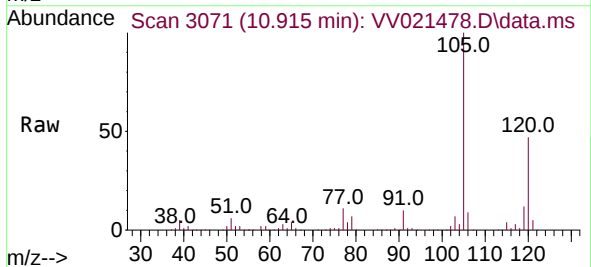
Instrument :  
MSVOA\_V  
ClientSampled :

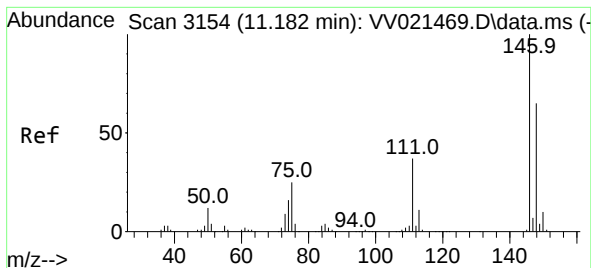
Tgt Ion:105 Resp: 310241  
Ion Ratio Lower Upper  
105 100  
120 50.4 40.2 60.2



#63  
1,2,4-Trimethylbenzene  
Concen: 5.13 ug/L  
RT: 10.915 min Scan# 3071  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion:105 Resp: 324513  
Ion Ratio Lower Upper  
105 100  
120 46.8 37.4 56.0

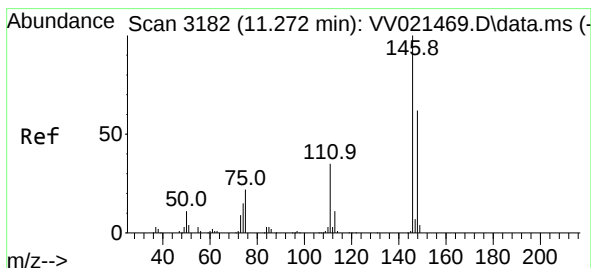
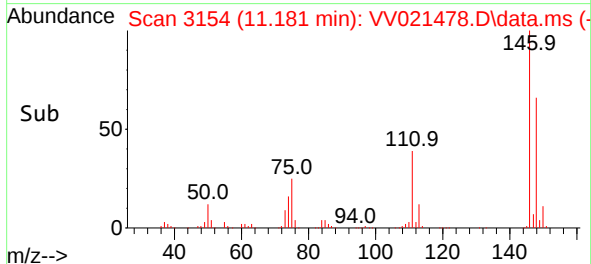
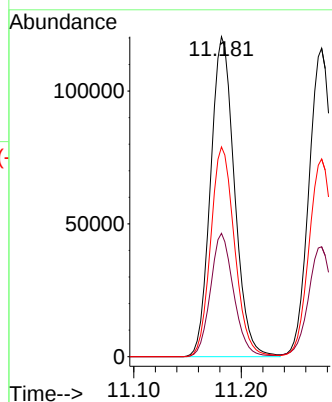
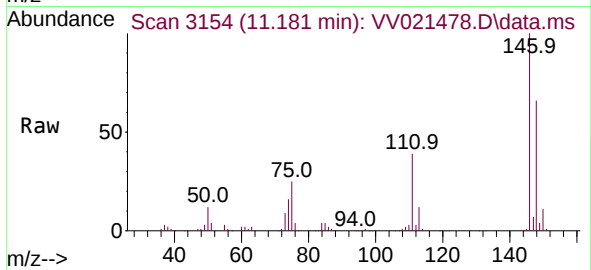




#64  
1,3-Dichlorobenzene  
Concen: 5.21 ug/L  
RT: 11.181 min Scan# 3154  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

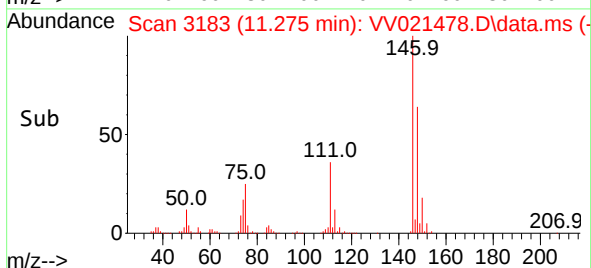
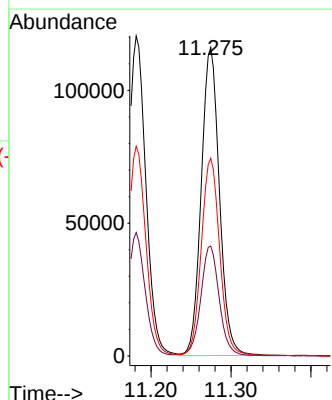
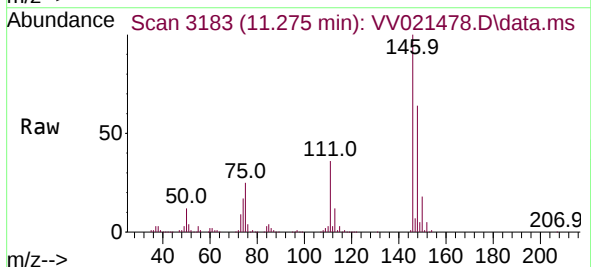
Instrument :  
MSVOA\_V  
ClientSampled :

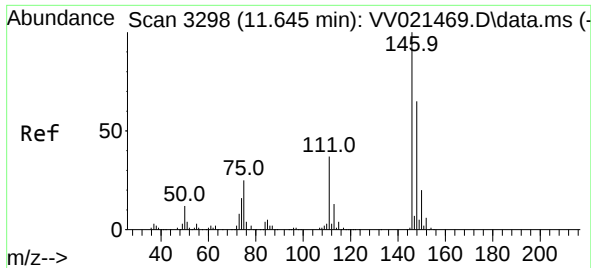
Tgt Ion:146 Resp: 186262  
Ion Ratio Lower Upper  
146 100  
111 38.6 26.2 48.6  
148 65.5 44.9 83.5



#65  
1,4-Dichlorobenzene  
Concen: 5.16 ug/L  
RT: 11.275 min Scan# 3183  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion:146 Resp: 183914  
Ion Ratio Lower Upper  
146 100  
111 35.7 25.1 46.5  
148 64.1 44.4 82.5

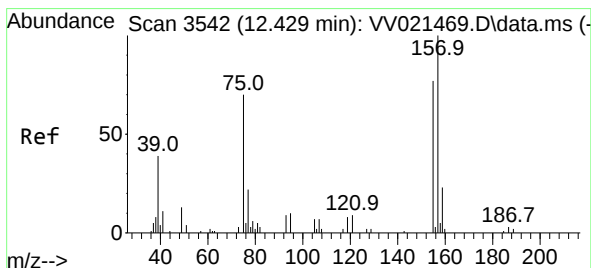
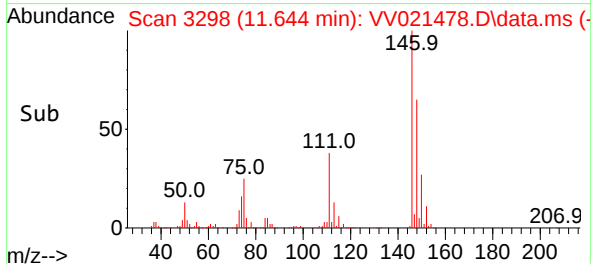
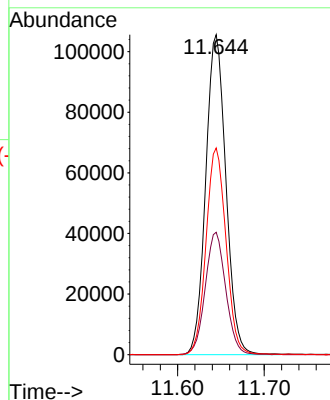
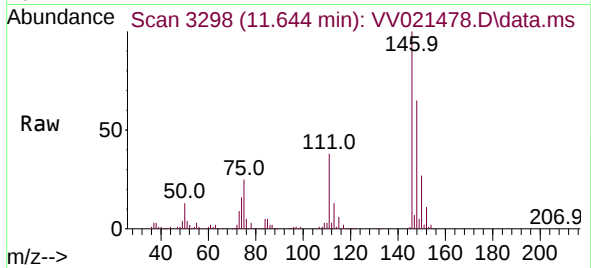




#67  
1,2-Dichlorobenzene  
Concen: 5.17 ug/L  
RT: 11.644 min Scan# 3298  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

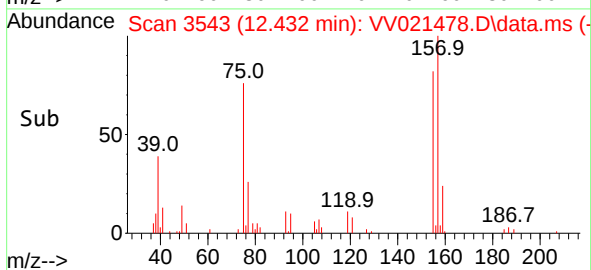
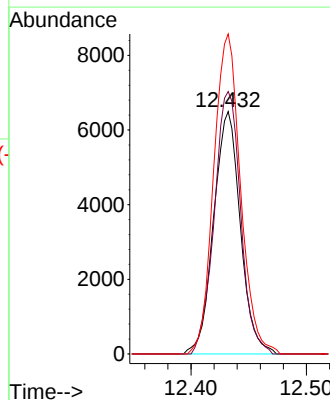
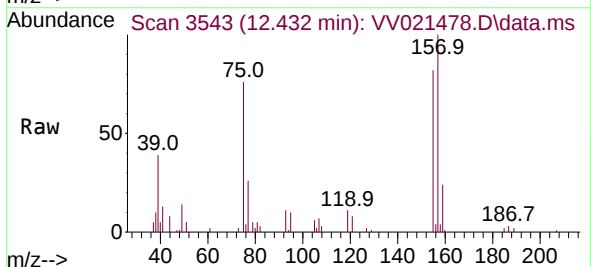
Instrument :  
MSVOA\_V  
ClientSampleId :

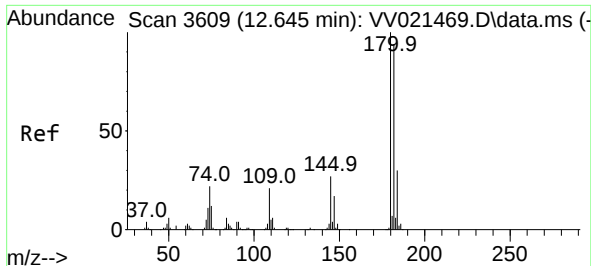
Tgt Ion:146 Resp: 171050  
Ion Ratio Lower Upper  
146 100  
111 38.3 31.2 46.8  
148 64.6 50.9 76.3



#68  
1,2-Dibromo-3-chloropropane  
Concen: 4.89 ug/L  
RT: 12.432 min Scan# 3543  
Delta R.T. 0.003 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion: 75 Resp: 10418  
Ion Ratio Lower Upper  
75 100  
155 108.2 87.2 130.8  
157 132.0 106.1 159.1

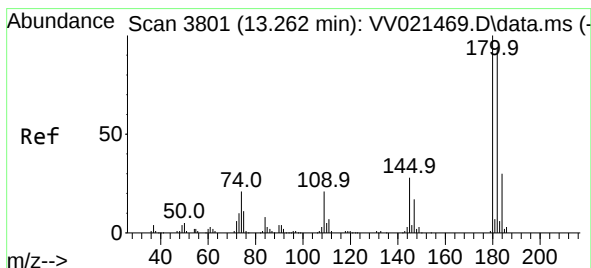
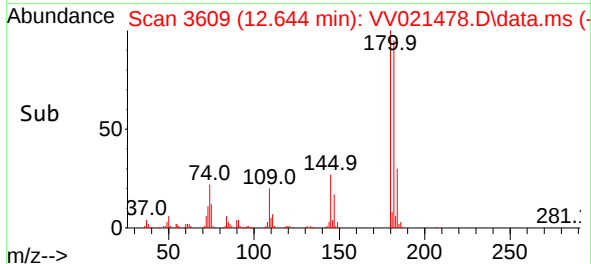
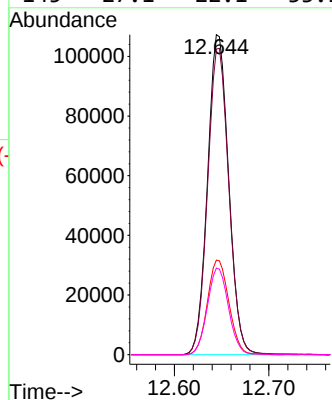
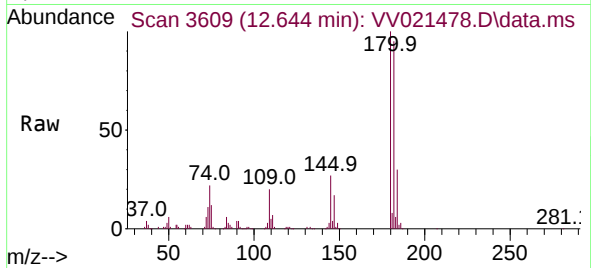




#69  
1,3,5-Trichlorobenzene  
Concen: 5.18 ug/L  
RT: 12.644 min Scan# 3609  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

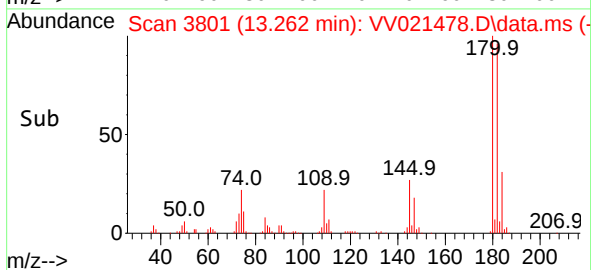
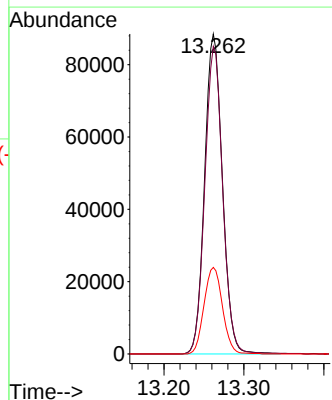
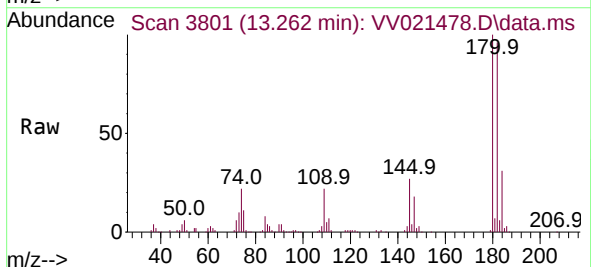
Instrument :  
MSVOA\_V  
ClientSampleId :

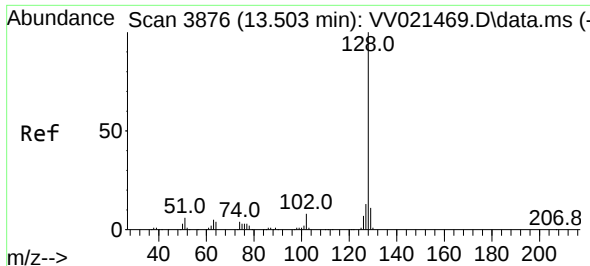
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 166685 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.0  | 76.4  | 114.6  |
| 184       | 30.1  | 24.0  | 36.0   |
| 145       | 27.1  | 22.1  | 33.1   |



#70  
1,2,4-trichlorobenzene  
Concen: 5.14 ug/L  
RT: 13.262 min Scan# 3801  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 137203 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.2  | 76.3  | 114.5  |
| 145       | 28.0  | 23.0  | 34.4   |

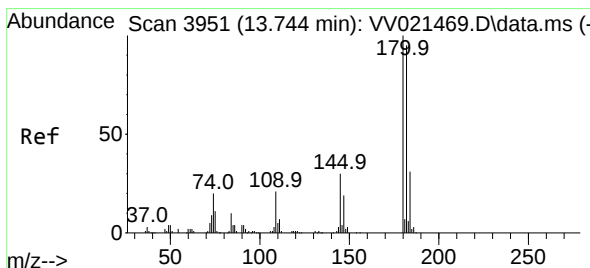
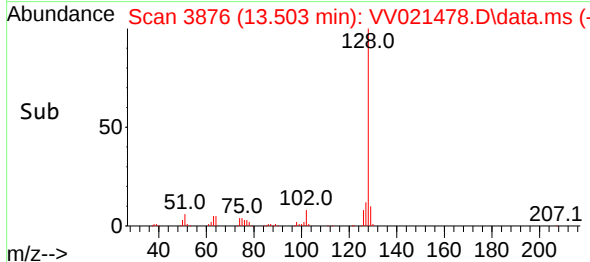
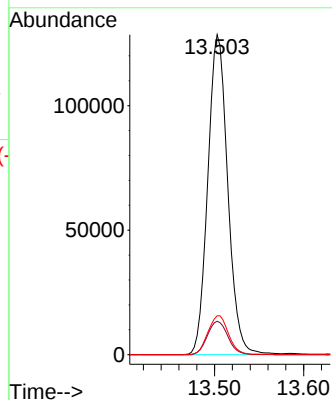
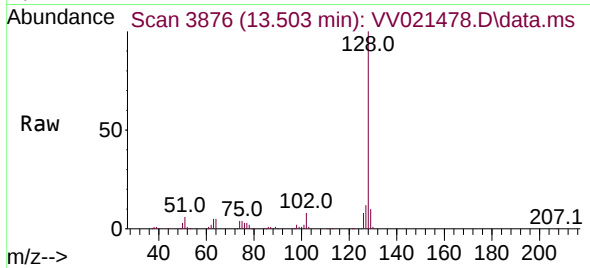




#71  
Naphthalene  
Concen: 4.78 ug/L  
RT: 13.503 min Scan# 3876  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Instrument :  
MSVOA\_V  
ClientSampled :

Tgt Ion:128 Resp: 199614  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.4 12.6  
127 12.7 10.2 15.4



#72  
1,2,3-Trichlorobenzene  
Concen: 5.06 ug/L  
RT: 13.744 min Scan# 3951  
Delta R.T. -0.000 min  
Lab File: VV021478.D  
Acq: 02 Jun 2021 13:59

Tgt Ion:180 Resp: 119894  
Ion Ratio Lower Upper  
180 100  
182 95.6 76.3 114.5  
145 29.7 24.3 36.5

