

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060721\  
 Data File : VX022536.D  
 Acq On : 07 Jun 2021 16:12  
 Operator : JC/MD  
 Sample : M2580-05ME  
 Misc : 10.10g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 07 17:05:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060721W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 07 14:27:50 2021  
 Response via : Initial Calibration

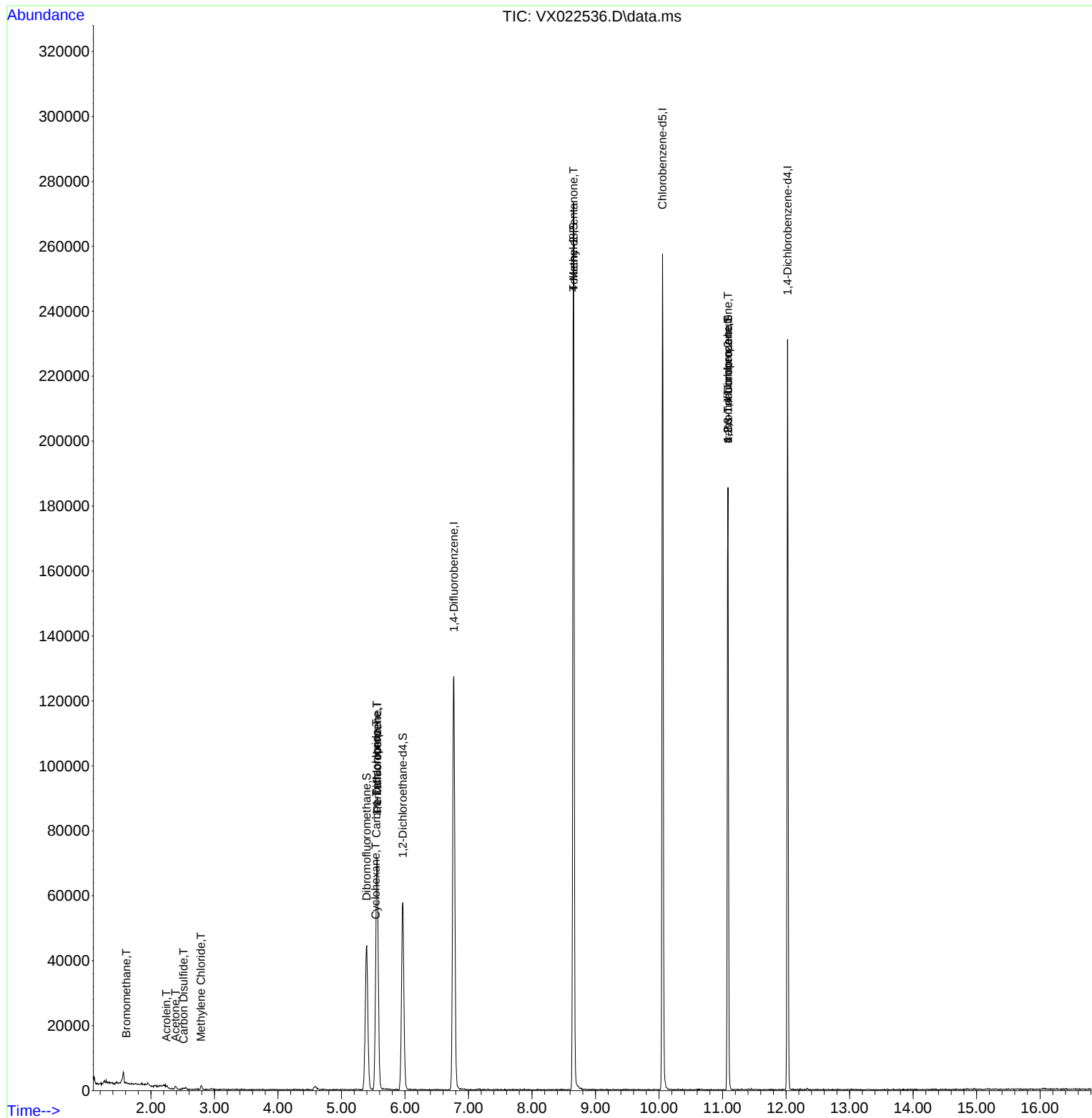
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.562  | 168   | 61345    | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.769  | 114   | 126405   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 110663   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 41074    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964  | 65    | 52220    | 47.884   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 95.760%  |
| 35) Dibromofluoromethane      | 5.397  | 113   | 37710    | 47.682   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 95.360%  |
| 50) Toluene-d8                | 8.653  | 98    | 156931   | 49.731   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 99.460%  |
| 62) 4-Bromofluorobenzene      | 11.085 | 95    | 51465    | 43.877   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 87.760%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Bromomethane               | 1.612  | 94    | 184      | 0.415    | ug/l   | 85       |
| 13) Acrolein                  | 2.239  | 56    | 25       | 3.331    | ug/l   | # 1      |
| 16) Acetone                   | 2.386  | 43    | 1243     | 2.537    | ug/l   | # 75     |
| 17) Carbon Disulfide          | 2.514  | 76    | 391      | 3.571    | ug/l   | # 75     |
| 20) Methylene Chloride        | 2.788  | 84    | 528      | 0.516    | ug/l   | # 61     |
| 31) Cyclohexane               | 5.538  | 56    | 584      | 0.453    | ug/l   | # 71     |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 6012     | 4.916    | ug/l   | # 48     |
| 38) Carbon Tetrachloride      | 5.550  | 117   | 7136     | 8.105    | ug/l   | # 20     |
| 51) 4-Methyl-2-Pentanone      | 8.653  | 43    | 852      | 0.538    | ug/l   | # 1      |
| 76) 1,2,3-Trichloropropane    | 11.085 | 75    | 27360    | 25.713   | ug/l   | # 38     |
| 81) trans-1,4-Dichloro-2-b... | 11.085 | 75    | 27360    | 63.464   | ug/l   | # 12     |
| -----                         |        |       |          |          |        |          |

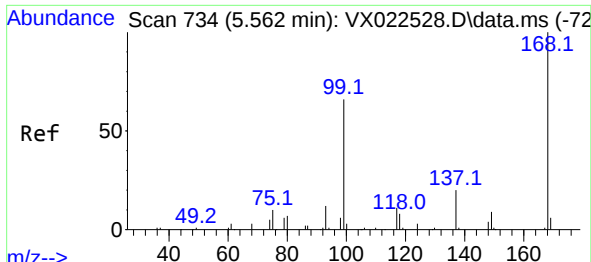
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060721\  
Data File : VX022536.D  
Acq On : 07 Jun 2021 16:12  
Operator : JC/MD  
Sample : M2580-05ME  
Misc : 10.10g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

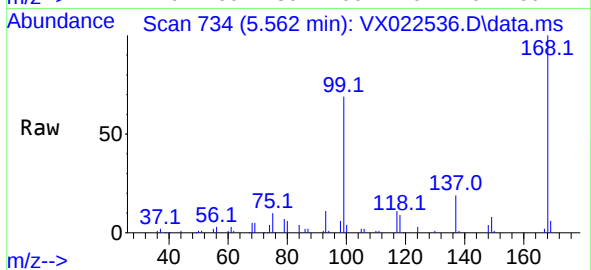
Quant Time: Jun 07 17:05:34 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X060721W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 07 14:27:50 2021  
Response via : Initial Calibration



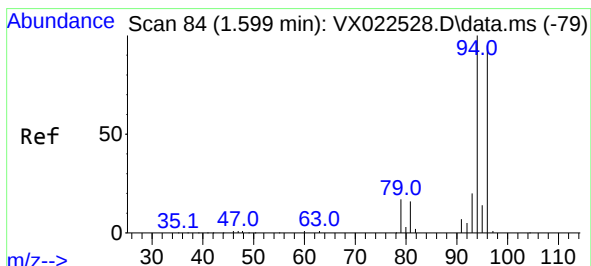
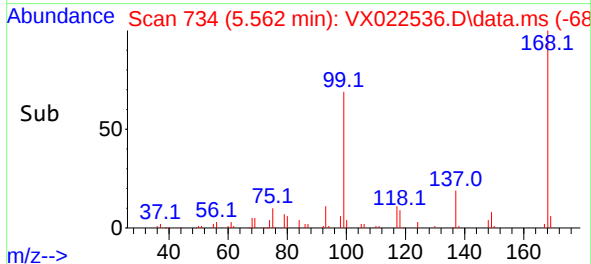
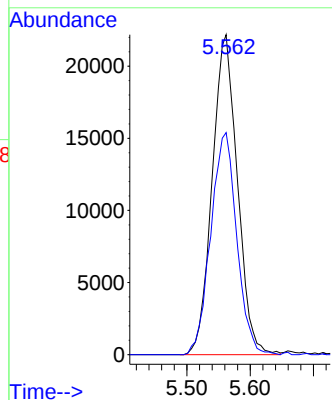


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

Instrument :  
MSVOA\_X  
ClientSampled :

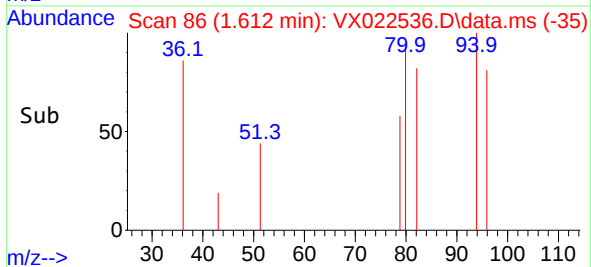
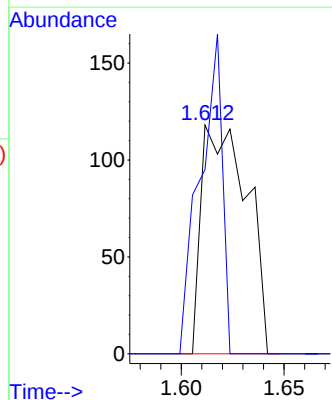
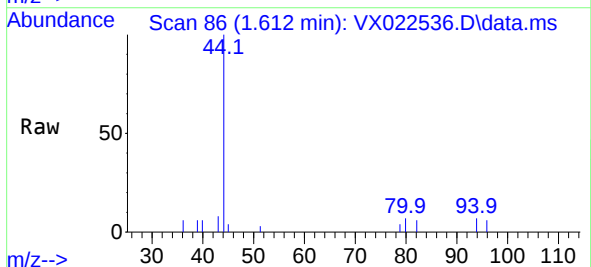


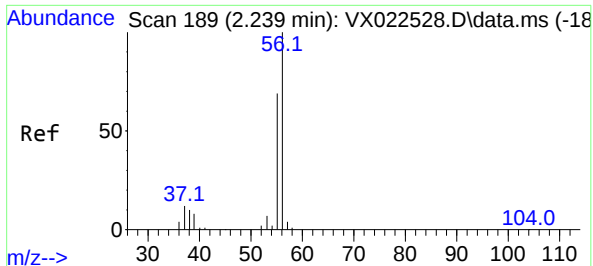
Tgt Ion:168 Resp: 61345  
Ion Ratio Lower Upper  
168 100  
99 69.4 45.8 68.6#



#5  
Bromomethane  
Concen: 0.415 ug/l  
RT: 1.612 min Scan# 86  
Delta R.T. 0.013 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

Tgt Ion: 94 Resp: 184  
Ion Ratio Lower Upper  
94 100  
96 80.5 76.4 114.6

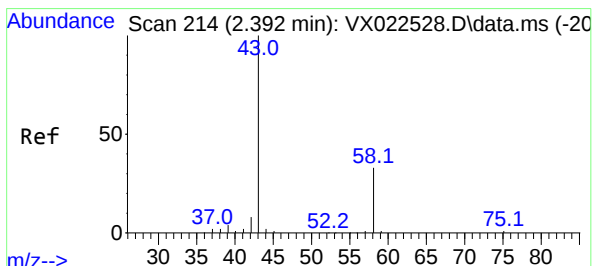
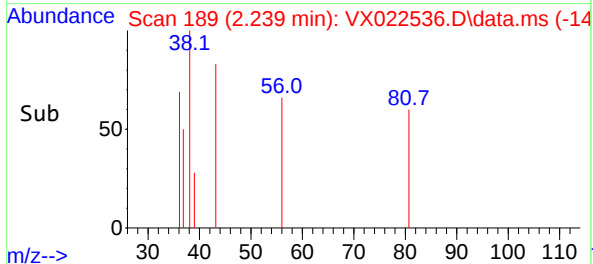
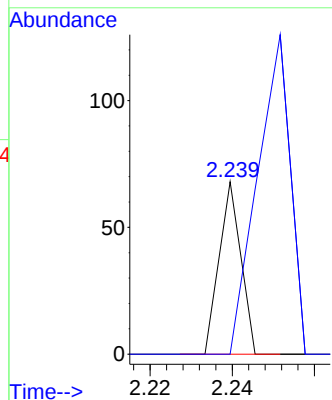
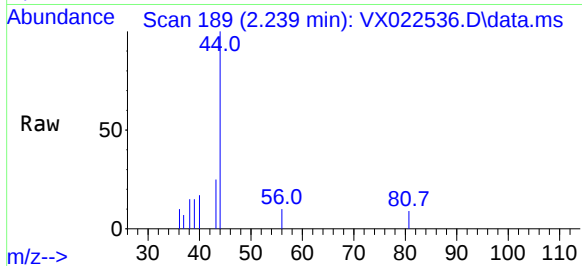




#13  
Acrolein  
Concen: 3.331 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

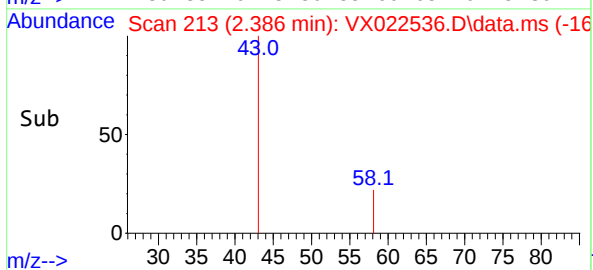
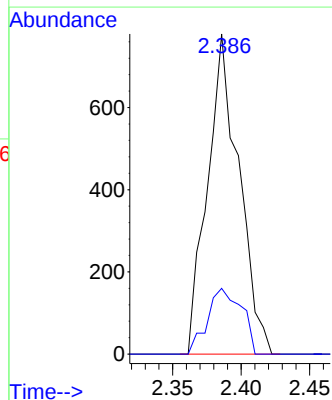
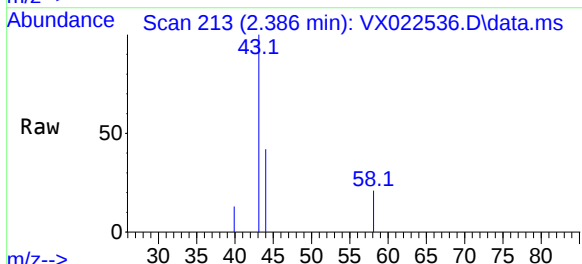
Instrument :  
MSVOA\_X  
ClientSampled :

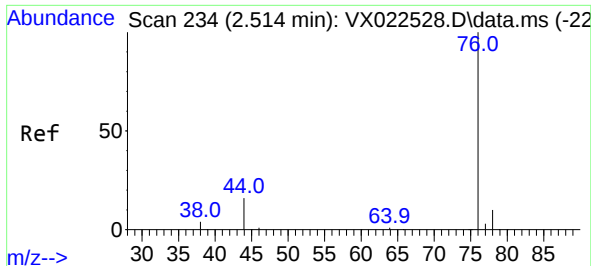
Tgt Ion: 56 Resp: 25  
Ion Ratio Lower Upper  
56 100  
55 280.0 56.4 84.6#



#16  
Acetone  
Concen: 2.537 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

Tgt Ion: 43 Resp: 1243  
Ion Ratio Lower Upper  
43 100  
58 20.5 27.8 41.8#

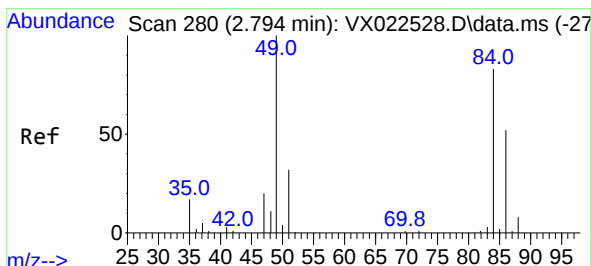
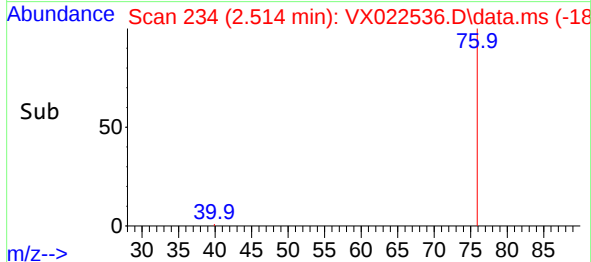
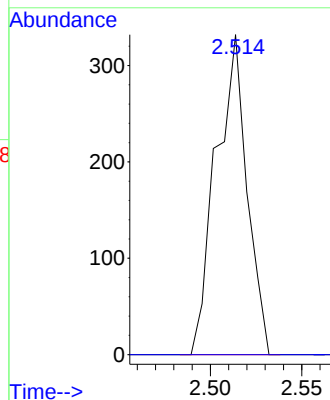
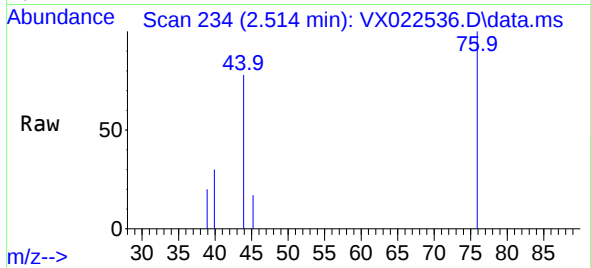




#17  
Carbon Disulfide  
Concen: 3.571 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

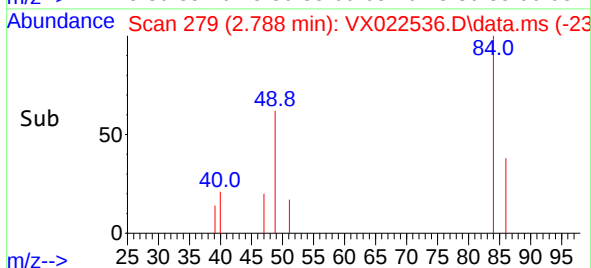
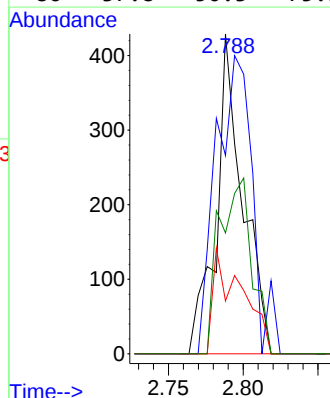
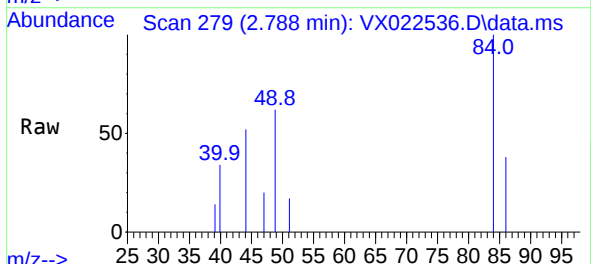
Instrument :  
MSVOA\_X  
ClientSampled :

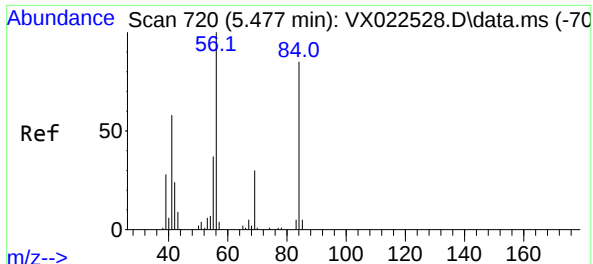
Tgt Ion: 76 Resp: 391  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#



#20  
Methylene Chloride  
Concen: 0.516 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

Tgt Ion: 84 Resp: 528  
Ion Ratio Lower Upper  
84 100  
49 62.0 88.6 132.8#  
51 16.6 27.0 40.6#  
86 37.8 50.3 75.5#

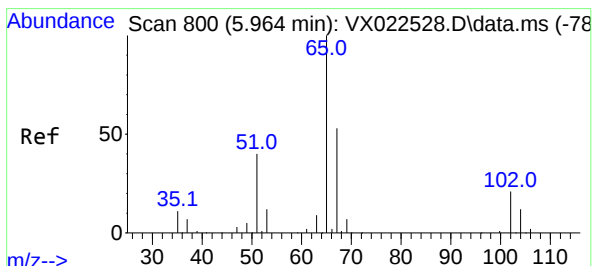
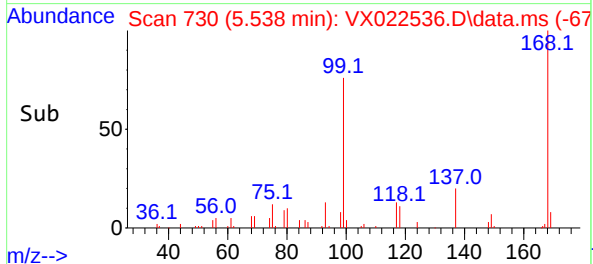
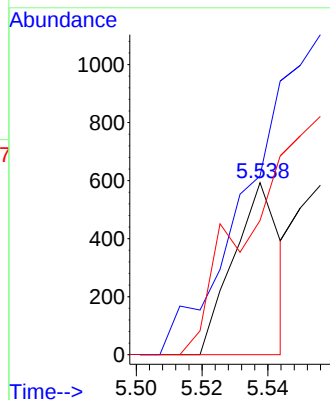
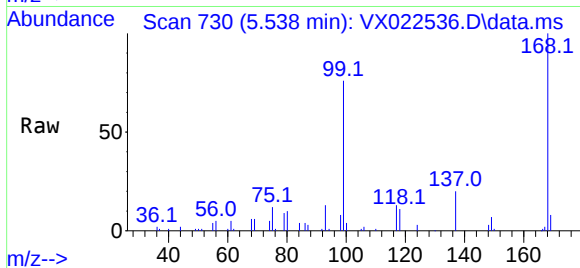




#31  
Cyclohexane  
Concen: 0.453 ug/l  
RT: 5.538 min Scan# 730  
Delta R.T. 0.061 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

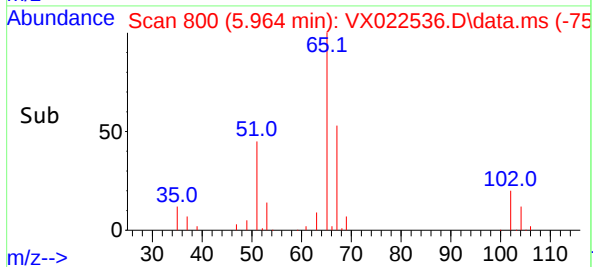
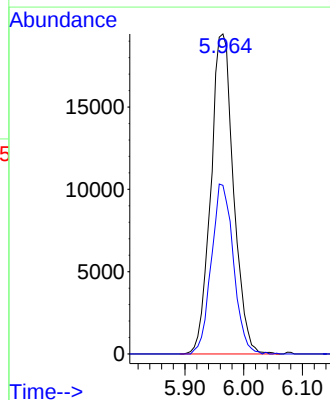
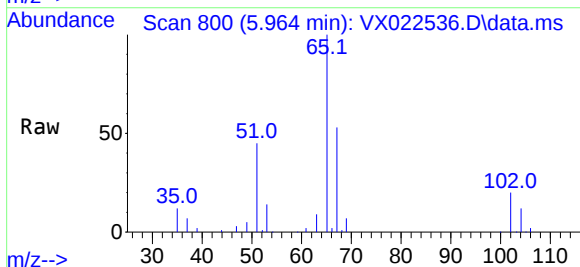
Instrument :  
MSVOA\_X  
ClientSampled :

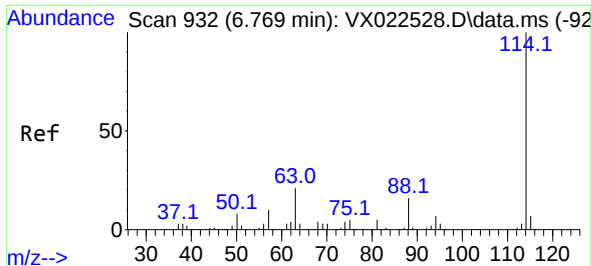
Tgt Ion: 56 Resp: 584  
Ion Ratio Lower Upper  
56 100  
69 75.5 25.3 37.9#  
84 78.1 71.4 107.0



#33  
1,2-Dichloroethane-d4  
Concen: 47.884 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

Tgt Ion: 65 Resp: 52220  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 105.4

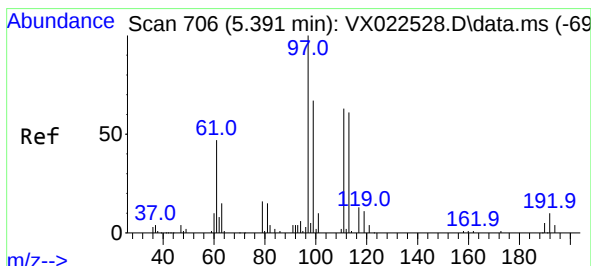
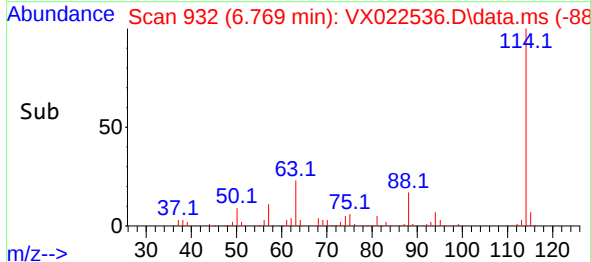
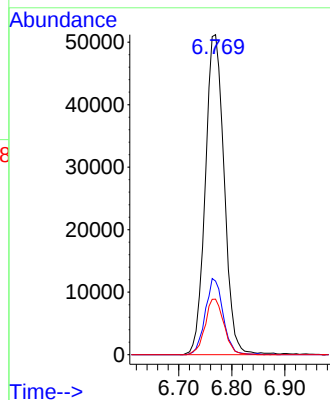
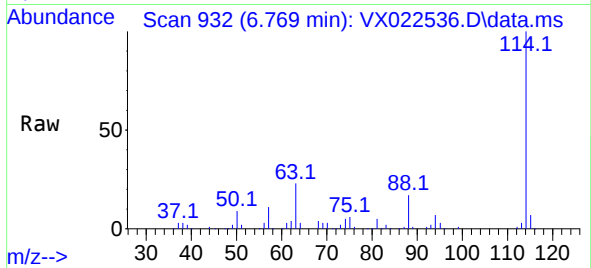




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

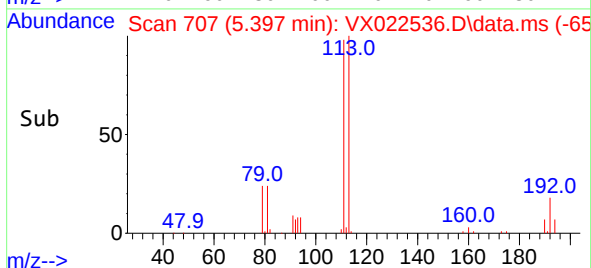
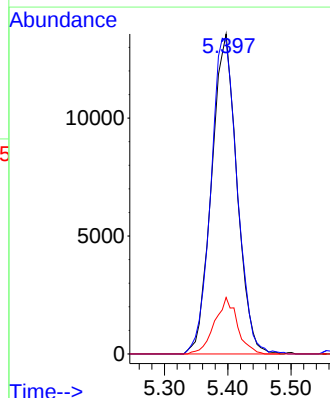
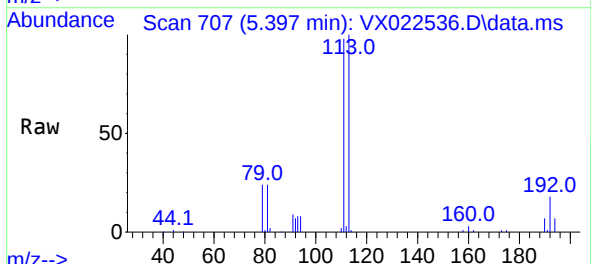
Instrument :  
MSVOA\_X  
ClientSampled :

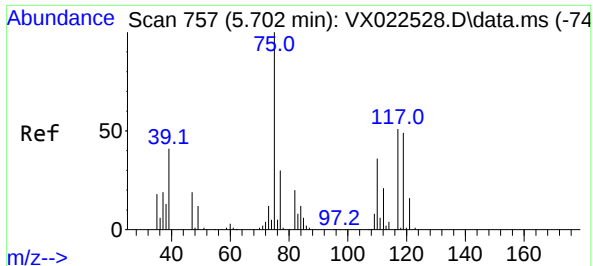
Tgt Ion:114 Resp: 126405  
Ion Ratio Lower Upper  
114 100  
63 23.0 0.0 40.8  
88 17.3 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 47.682 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

Tgt Ion:113 Resp: 37710  
Ion Ratio Lower Upper  
113 100  
111 102.3 81.9 122.9  
192 15.8 16.7 25.1#

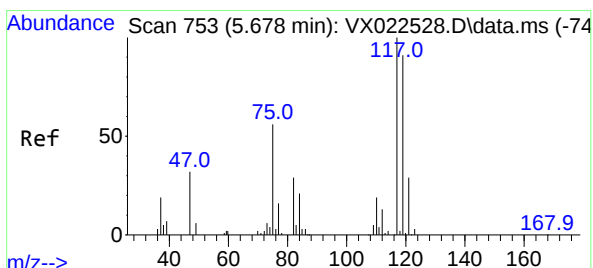
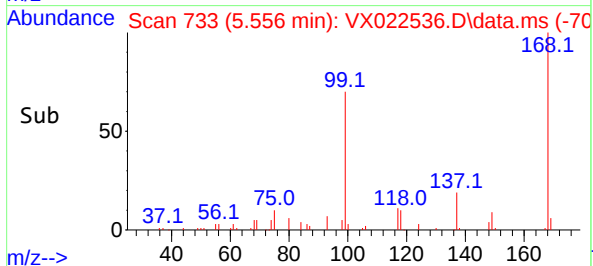
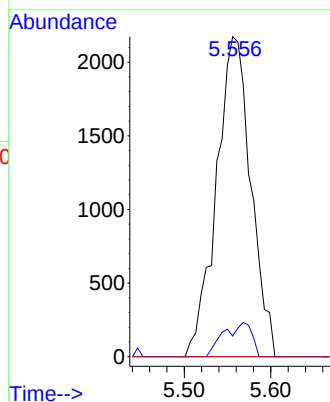
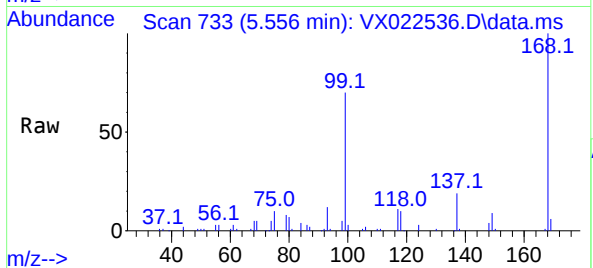




#36  
1,1-Dichloropropene  
Concen: 4.916 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.146 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

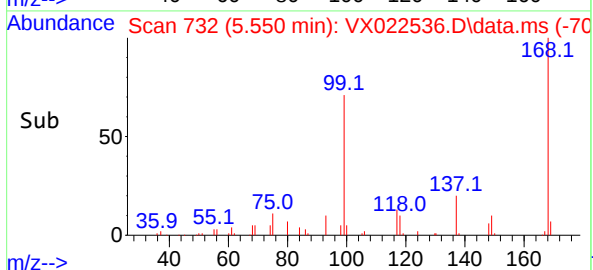
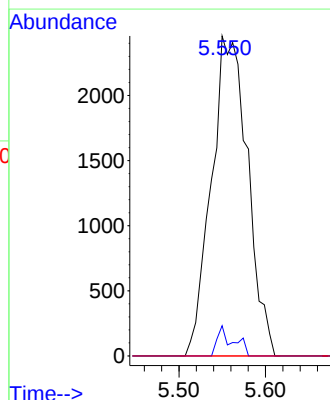
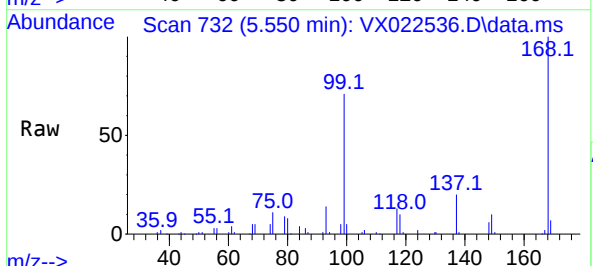
Instrument :  
MSVOA\_X  
ClientSampled :

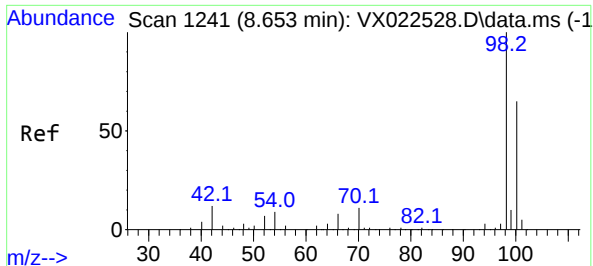
Tgt Ion: 75 Resp: 6012  
Ion Ratio Lower Upper  
75 100  
110 8.7 18.1 54.4#  
77 0.0 25.3 37.9#



#38  
Carbon Tetrachloride  
Concen: 8.105 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.128 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

Tgt Ion: 117 Resp: 7136  
Ion Ratio Lower Upper  
117 100  
119 9.4 76.2 114.2#  
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 49.731 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022536.D

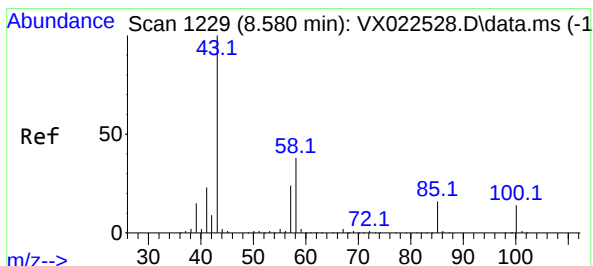
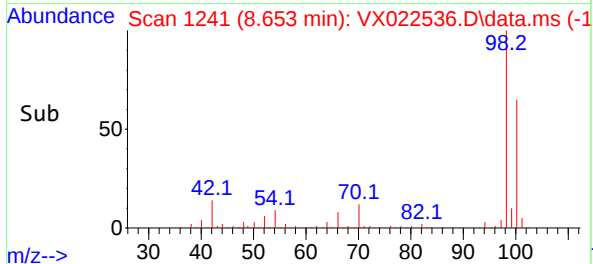
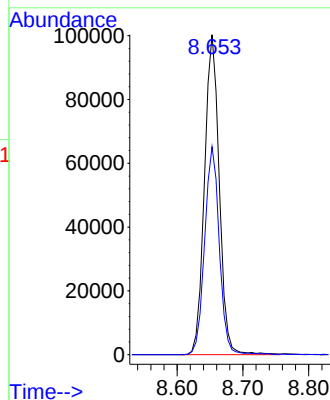
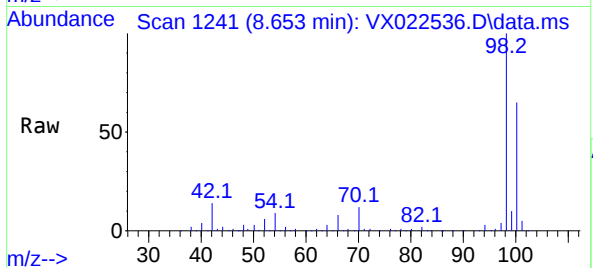
Acq: 07 Jun 2021 16:12

Tgt Ion: 98 Resp: 156931

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.538 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX022536.D

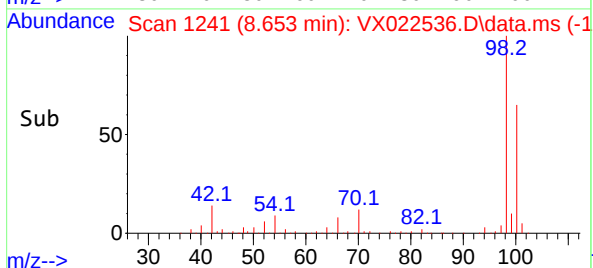
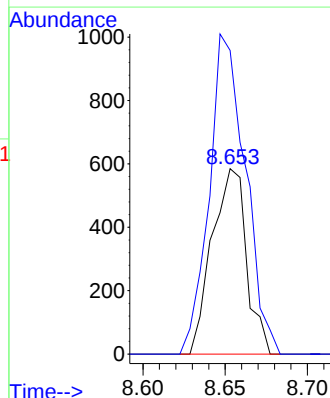
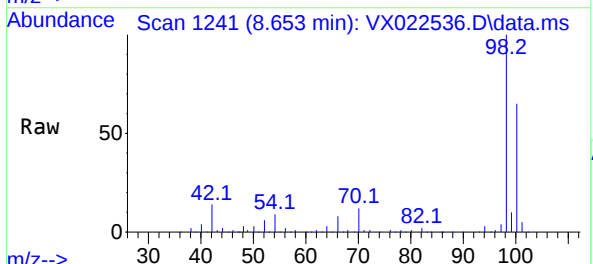
Acq: 07 Jun 2021 16:12

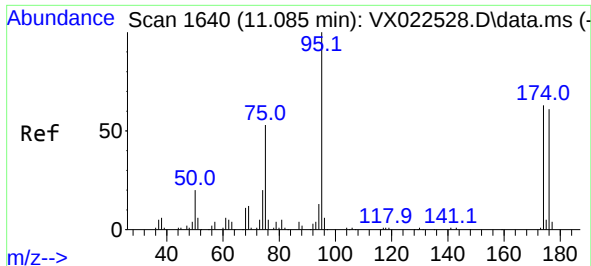
Tgt Ion: 43 Resp: 852

Ion Ratio Lower Upper

43 100

58 181.3 35.4 53.0#

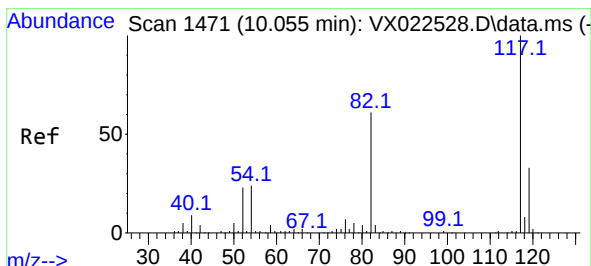
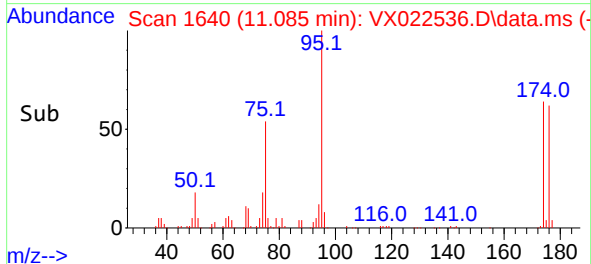
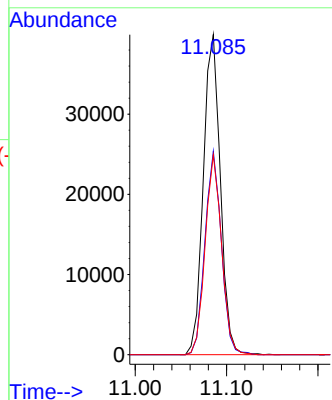
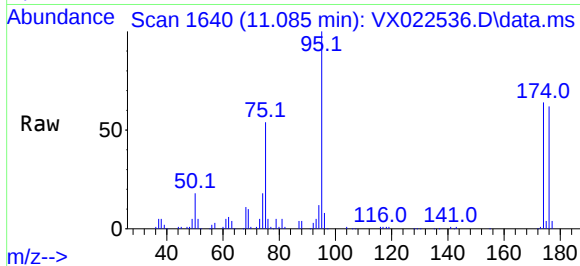




#62  
4-Bromofluorobenzene  
Concen: 43.877 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

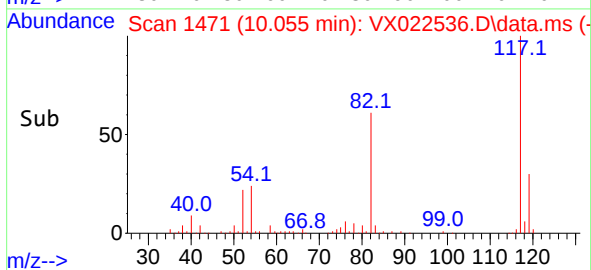
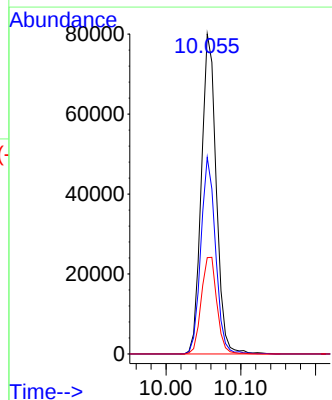
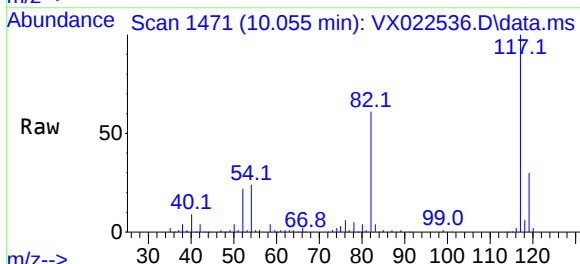
Instrument :  
MSVOA\_X  
ClientSampled :

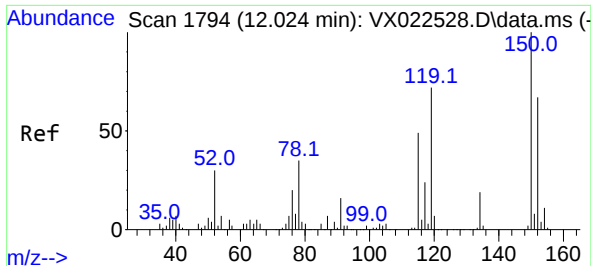
Tgt Ion: 95 Resp: 51465  
Ion Ratio Lower Upper  
95 100  
174 61.5 0.0 154.6  
176 60.4 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

Tgt Ion: 117 Resp: 110663  
Ion Ratio Lower Upper  
117 100  
82 61.4 47.4 71.2  
119 30.1 26.6 39.8

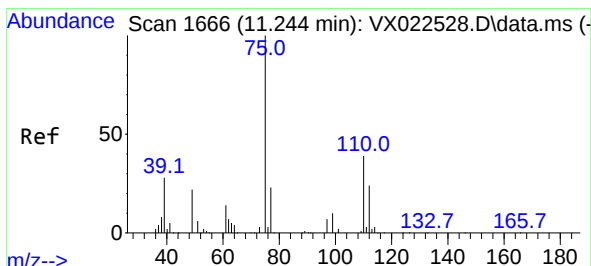
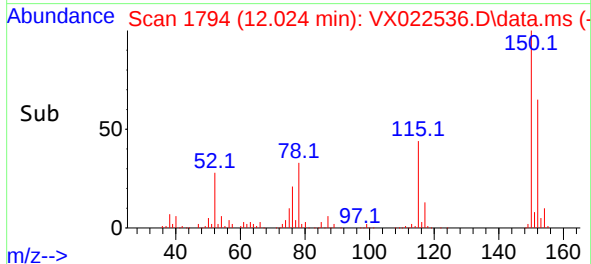
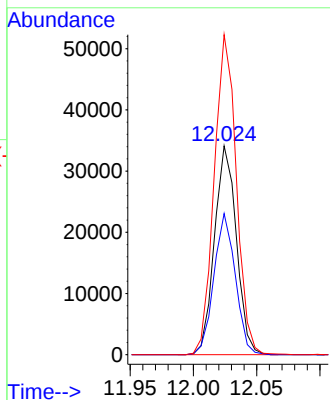
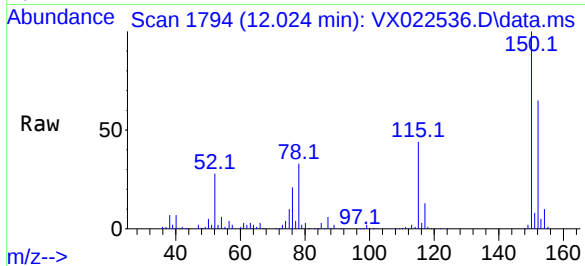




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

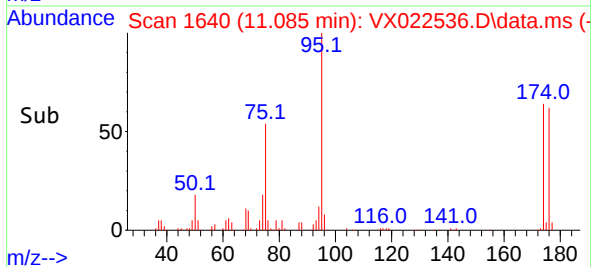
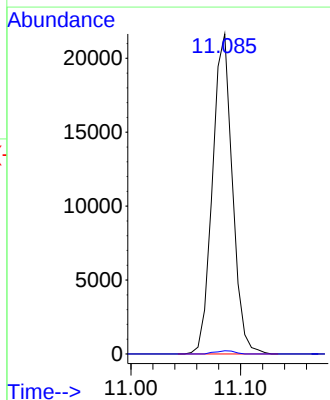
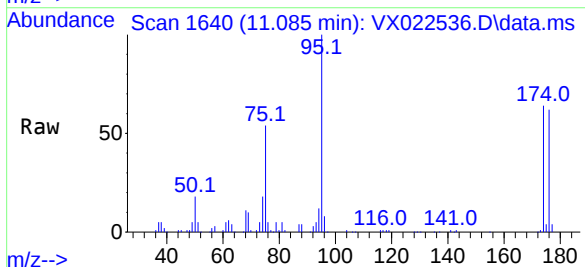
Instrument :  
MSVOA\_X  
ClientSampled :

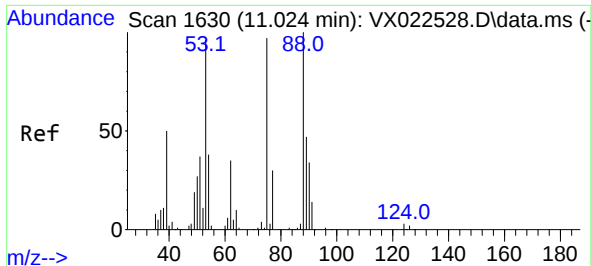
Tgt Ion:152 Resp: 41074  
Ion Ratio Lower Upper  
152 100  
115 66.1 41.1 123.3  
150 154.6 0.0 349.0



#76  
1,2,3-Trichloropropane  
Concen: 25.713 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.159 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

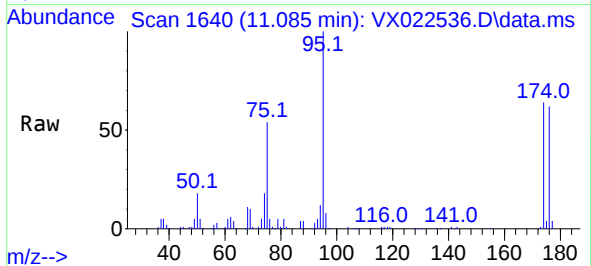
Tgt Ion: 75 Resp: 27360  
Ion Ratio Lower Upper  
75 100  
77 1.0 19.1 57.5#





#81  
trans-1,4-Dichloro-2-butene  
Concen: 63.464 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.061 min  
Lab File: VX022536.D  
Acq: 07 Jun 2021 16:12

Instrument :  
MSVOA\_X  
ClientSampled :



Tgt Ion: 75 Resp: 27360  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.5 111.7#  
89 0.0 37.9 56.9#

