

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100121\  
 Data File : VX024499.D  
 Acq On : 01 Oct 2021 14:32  
 Operator : JC/MD  
 Sample : VX1001WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 01 16:15:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 23 18:24:34 2021  
 Response via : Initial Calibration

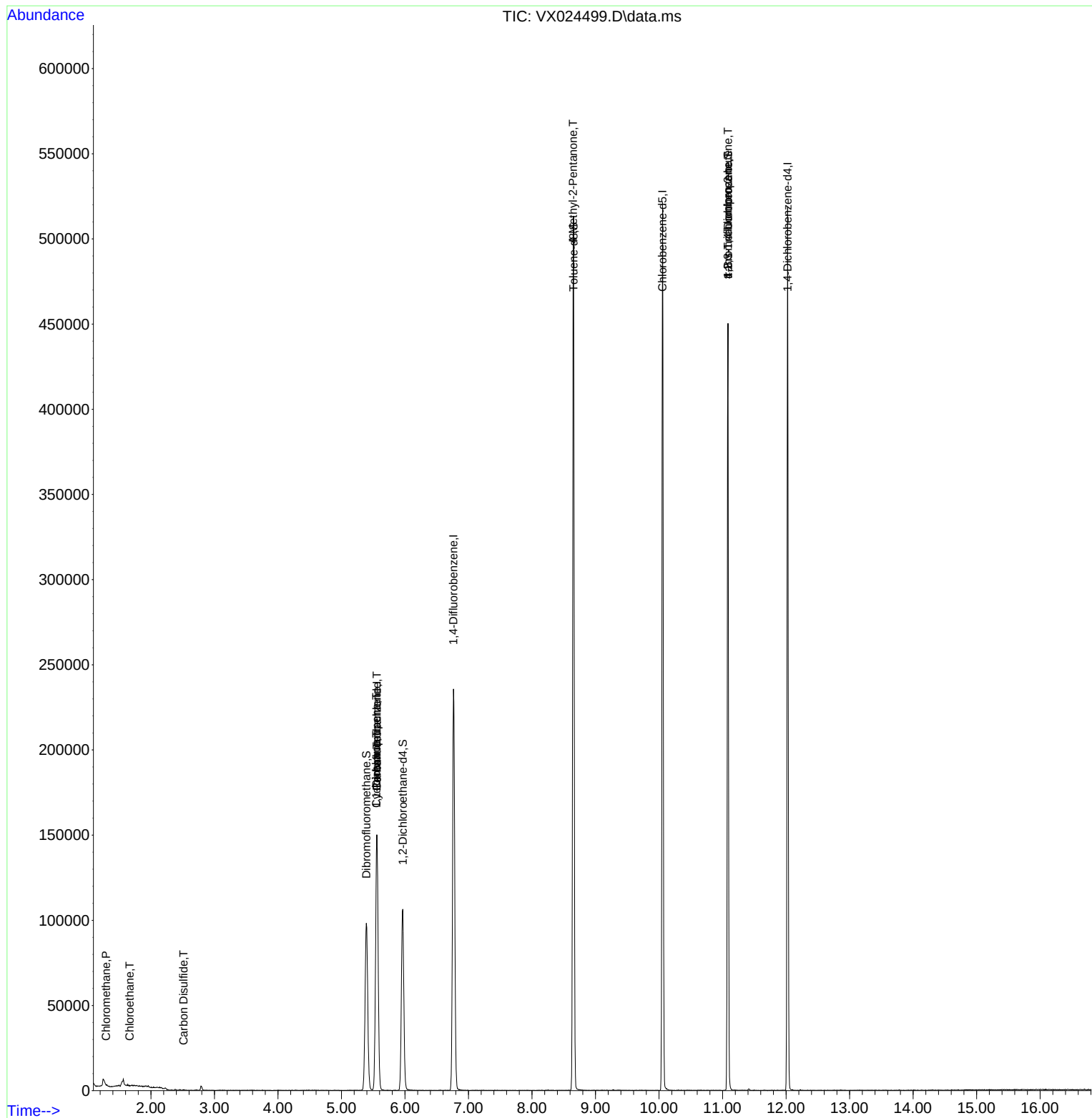
| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 139105   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 234787   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 228847   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 102512   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.964  | 65    | 108029   | 55.102    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery  | = 110.200% |          |
| 35) Dibromofluoromethane      | 5.391  | 113   | 84001    | 53.856    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | = 107.720% |          |
| 50) Toluene-d8                | 8.653  | 98    | 299875   | 52.237    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery  | = 104.480% |          |
| 62) 4-Bromofluorobenzene      | 11.085 | 95    | 112676   | 49.920    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | = 99.840%  |          |
| Target Compounds              |        |       |          |           |            |          |
|                               |        |       |          |           | Qvalue     |          |
| 3) Chloromethane              | 1.294  | 50    | 265      | 0.201     | ug/l #     | 42       |
| 6) Chloroethane               | 1.666  | 64    | 110      | 0.377     | ug/l #     | 43       |
| 16) Acetone                   | 2.380  | 43    | 461      | Below Cal | #          | 40       |
| 17) Carbon Disulfide          | 2.514  | 76    | 319      | 0.324     | ug/l #     | 75       |
| 20) Methylene Chloride        | 2.788  | 84    | 1016     | Below Cal |            | 86       |
| 31) Cyclohexane               | 5.550  | 56    | 3107     | 1.323     | ug/l #     | 34       |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 11096    | 4.930     | ug/l #     | 49       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 14246    | 5.814     | ug/l #     | 17       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 1584     | 0.562     | ug/l #     | 1        |
| 76) 1,2,3-Trichloropropane    | 11.085 | 75    | 60812    | 26.122    | ug/l #     | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.085 | 75    | 60812    | 71.147    | ug/l #     | 12       |
| -----                         |        |       |          |           |            |          |

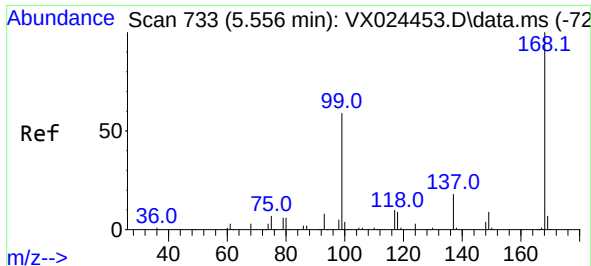
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100121\  
Data File : VX024499.D  
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Operator : JC/MD  
Sample : VX1001WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :

Quant Time: Oct 01 16:15:55 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 23 18:24:34 2021  
Response via : Initial Calibration

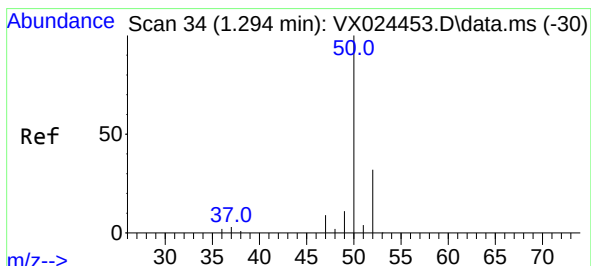
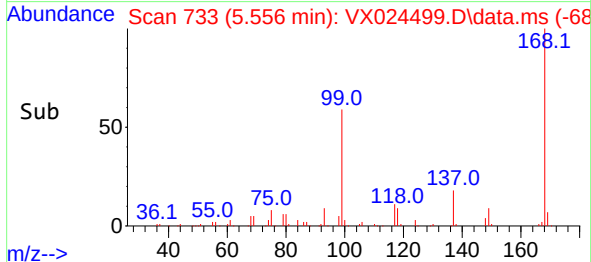
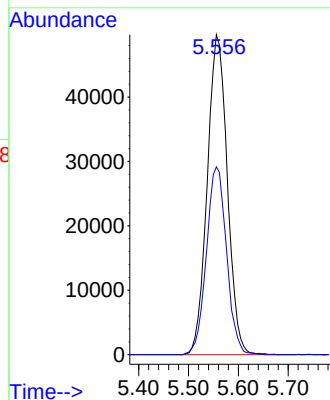
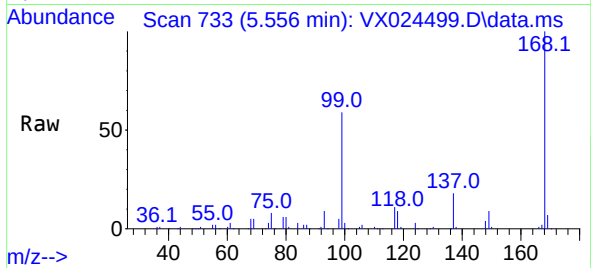




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

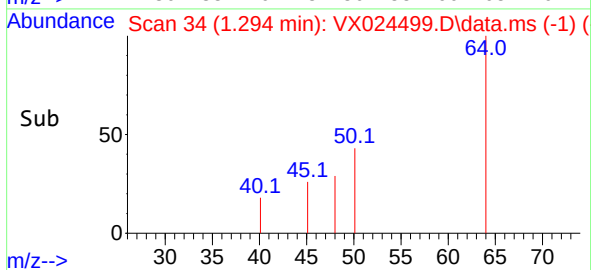
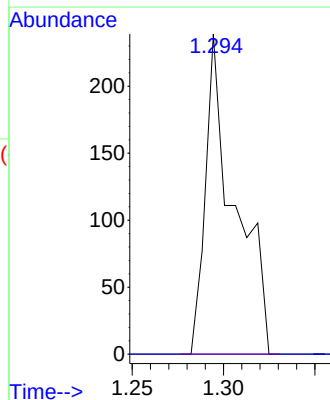
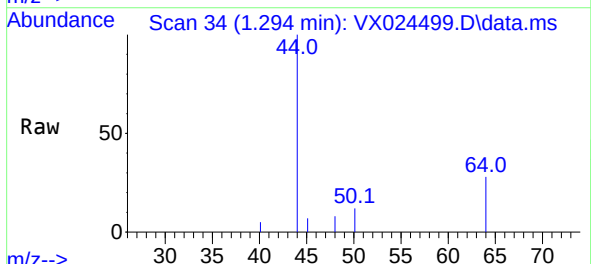
Instrument :  
MSVOA\_X  
ClientSampled :

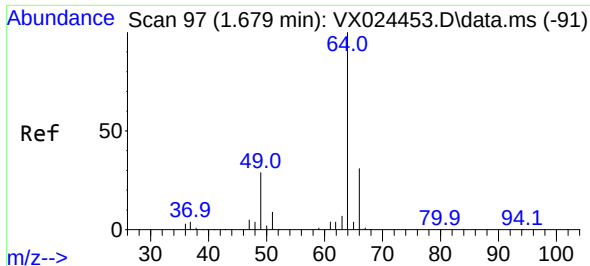
Tgt Ion:168 Resp: 139105  
Ion Ratio Lower Upper  
168 100  
99 58.7 45.8 68.6



#3  
Chloromethane  
Concen: 0.201 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

Tgt Ion: 50 Resp: 265  
Ion Ratio Lower Upper  
50 100  
52 0.0 26.4 39.6#

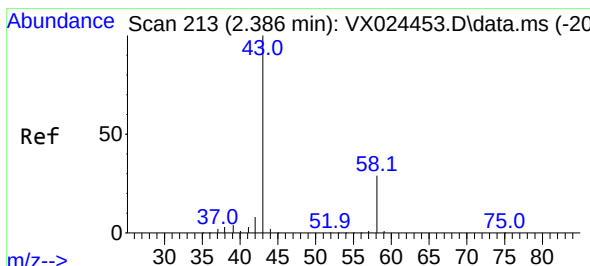
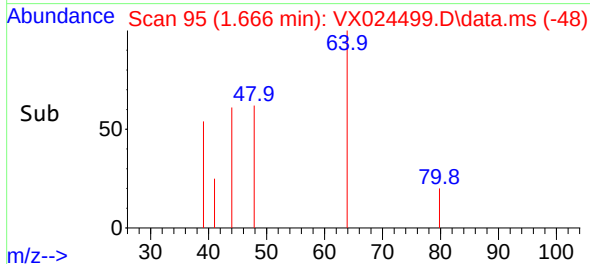
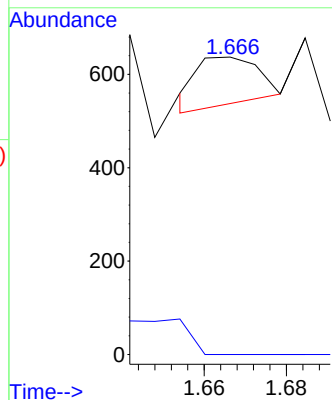
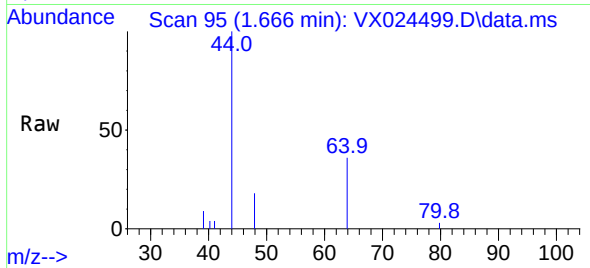




#6  
Chloroethane  
Concen: 0.377 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. -0.013 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

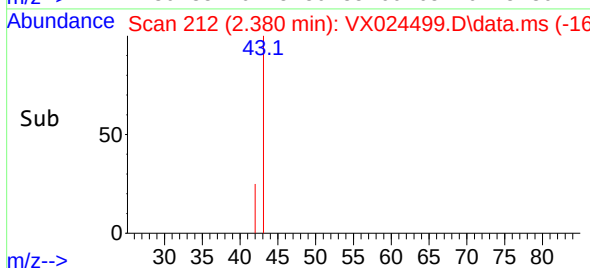
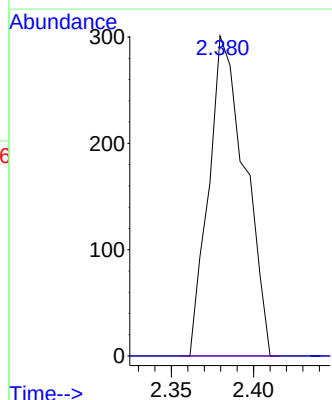
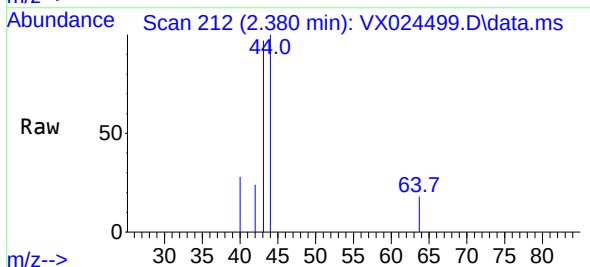
Instrument :  
MSVOA\_X  
ClientSampled :

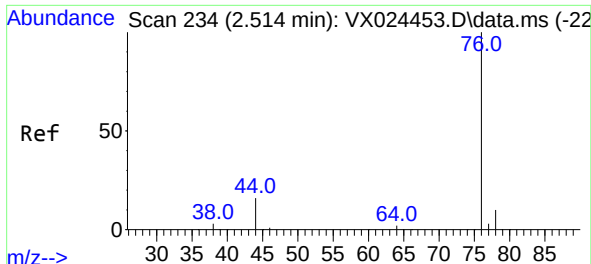
Tgt Ion: 64 Resp: 110  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.4 38.0#



#16  
Acetone  
Concen: Below Cal  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

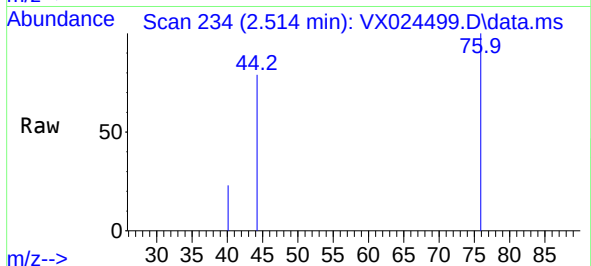
Tgt Ion: 43 Resp: 461  
Ion Ratio Lower Upper  
43 100  
58 0.0 27.8 41.8#



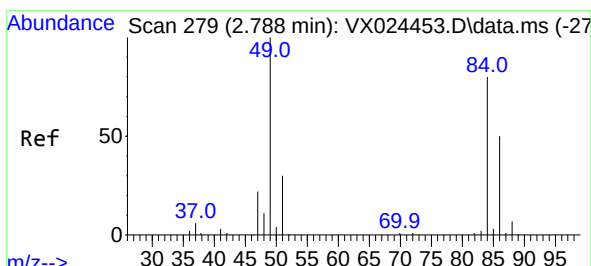
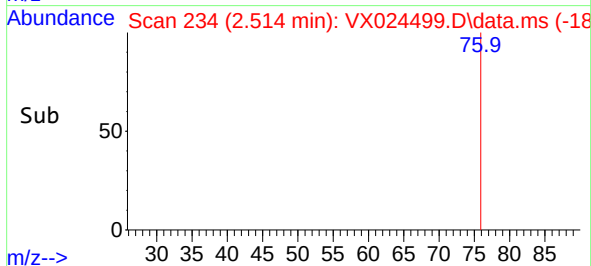
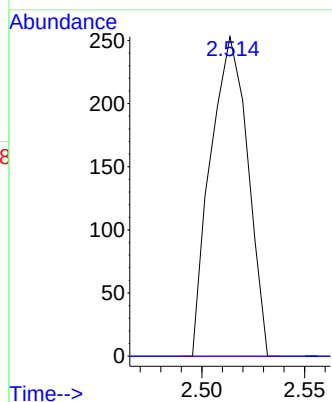


#17  
Carbon Disulfide  
Concen: 0.324 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

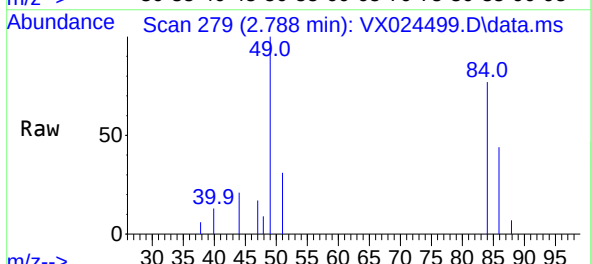
Instrument :  
MSVOA\_X  
ClientSampled :



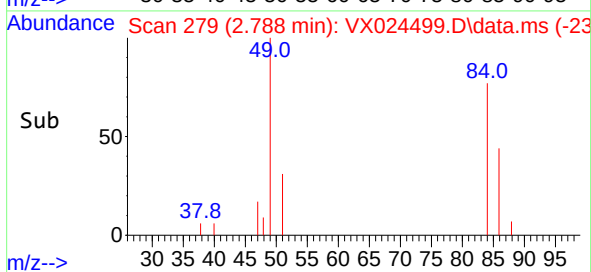
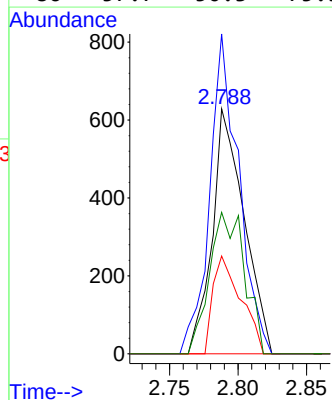
Tgt Ion: 76 Resp: 319  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#

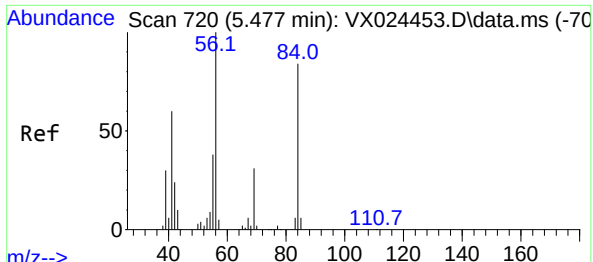


#20  
Methylene Chloride  
Concen: Below Cal  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32



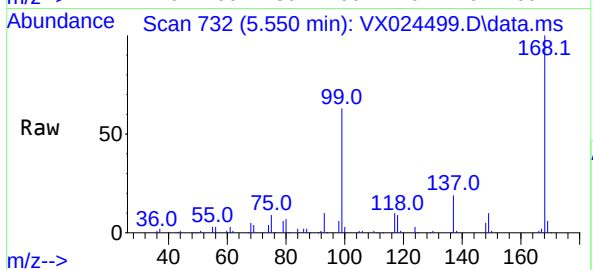
Tgt Ion: 84 Resp: 1016  
Ion Ratio Lower Upper  
84 100  
49 130.5 88.6 132.8  
51 39.9 27.0 40.6  
86 57.7 50.3 75.5



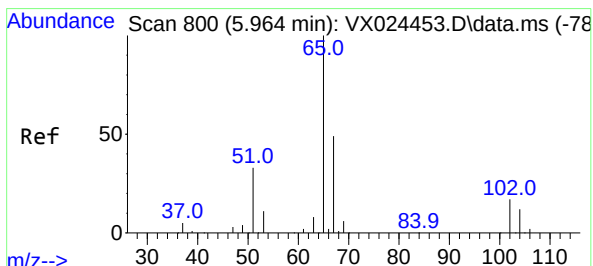
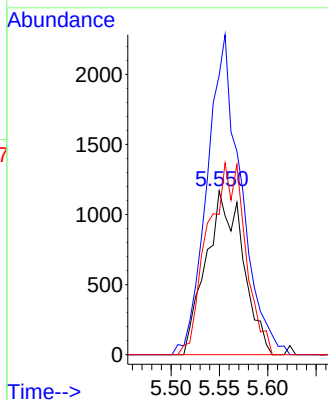
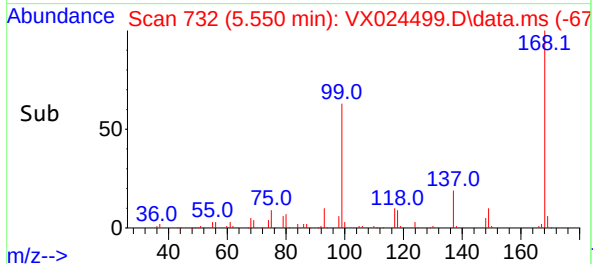


#31  
Cyclohexane  
Concen: 1.323 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. 0.073 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

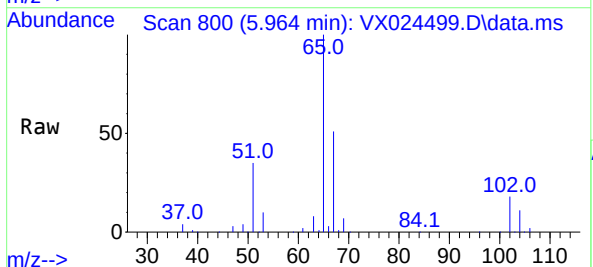
Instrument :  
MSVOA\_X  
ClientSampled :



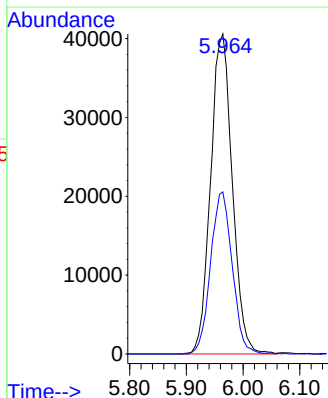
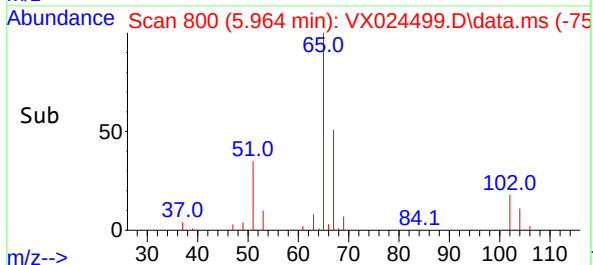
Tgt Ion: 56 Resp: 3107  
Ion Ratio Lower Upper  
56 100  
69 165.4 25.3 37.9#  
84 85.6 71.4 107.0

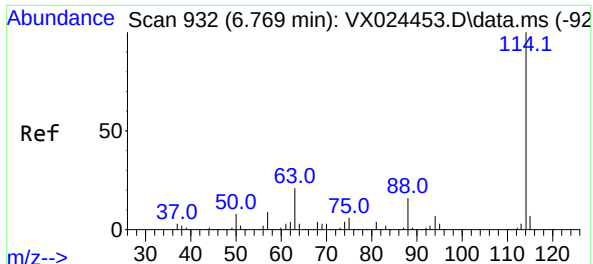


#33  
1,2-Dichloroethane-d4  
Concen: 55.102 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32



Tgt Ion: 65 Resp: 108029  
Ion Ratio Lower Upper  
65 100  
67 50.4 0.0 105.4

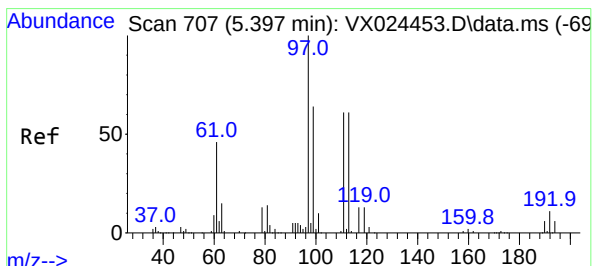
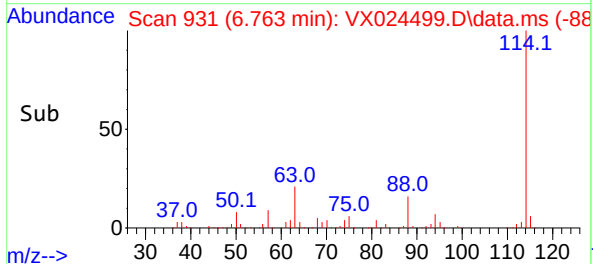
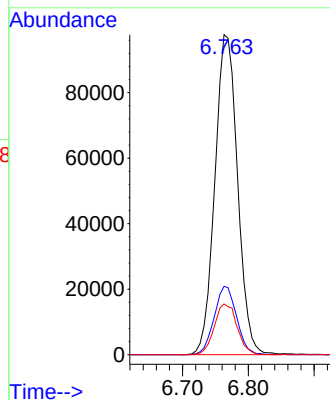
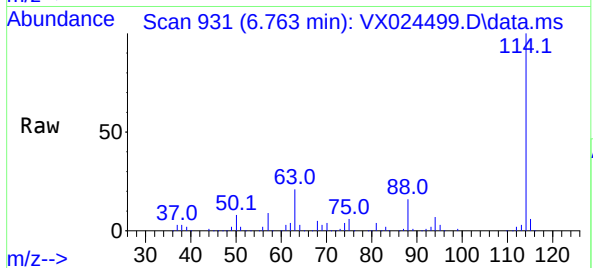




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.006 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

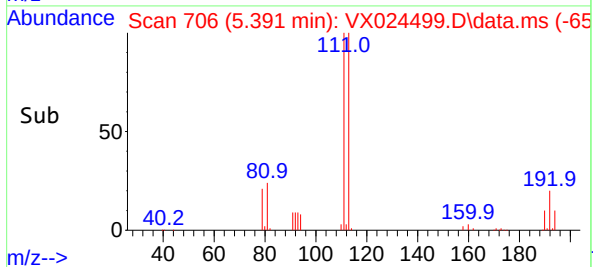
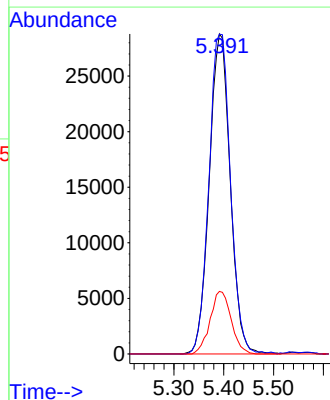
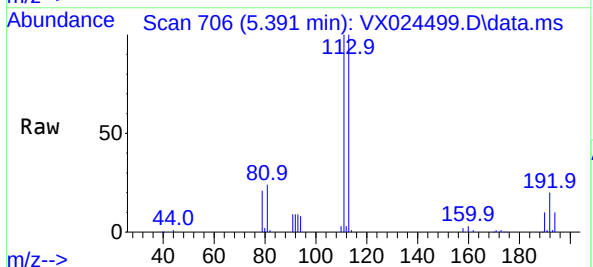
Instrument :  
MSVOA\_X  
ClientSampled :

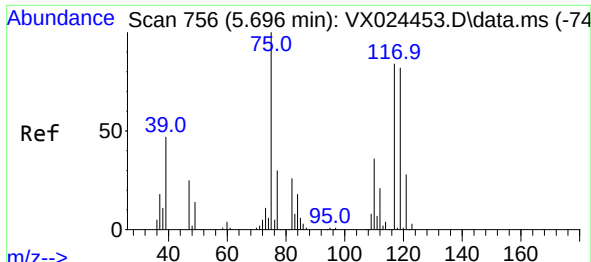
Tgt Ion:114 Resp: 234787  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 40.8  
88 15.9 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 53.856 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

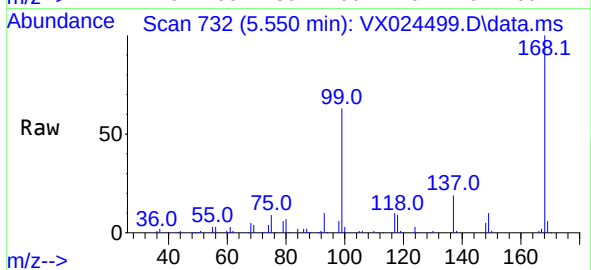
Tgt Ion:113 Resp: 84001  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.9 122.9  
192 19.7 16.7 25.1



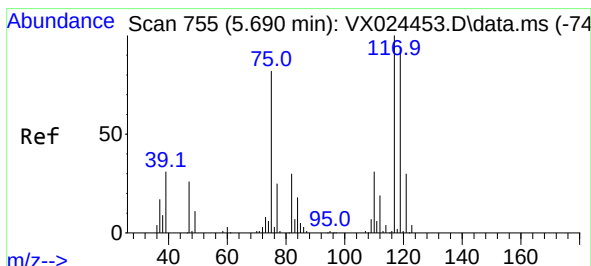
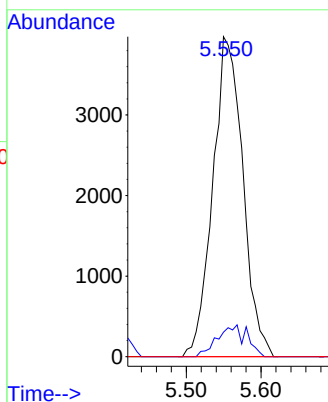
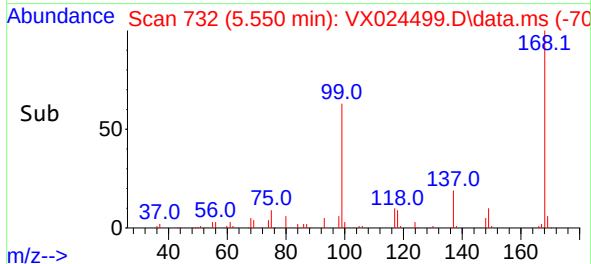


#36  
1,1-Dichloropropene  
Concen: 4.930 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.146 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

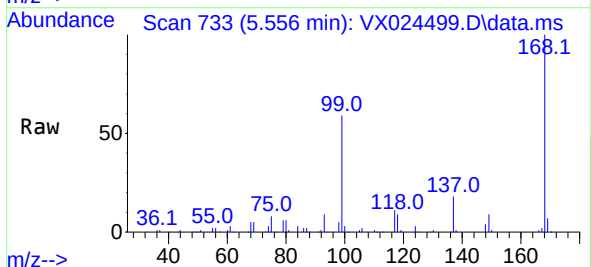
Instrument :  
MSVOA\_X  
ClientSampled :



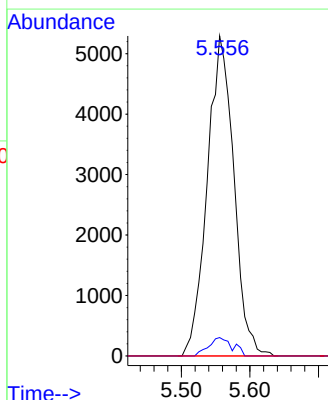
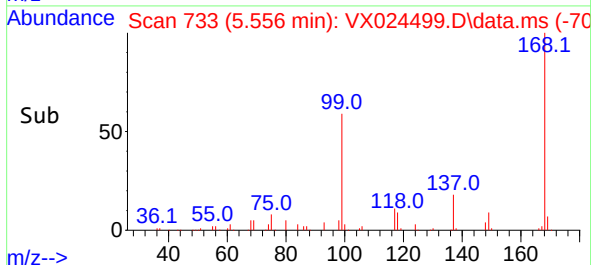
Tgt Ion: 75 Resp: 11096  
Ion Ratio Lower Upper  
75 100  
110 9.7 18.1 54.4#  
77 0.0 25.3 37.9#



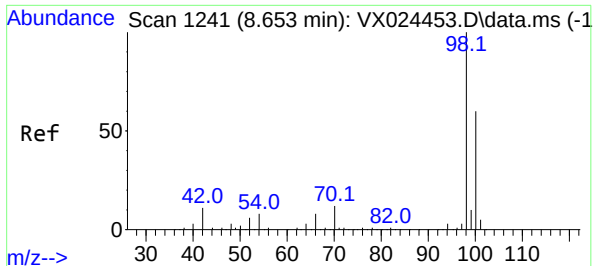
#38  
Carbon Tetrachloride  
Concen: 5.814 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.134 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32



Tgt Ion: 117 Resp: 14246  
Ion Ratio Lower Upper  
117 100  
119 5.7 76.2 114.2#  
121 0.0 24.8 37.2#



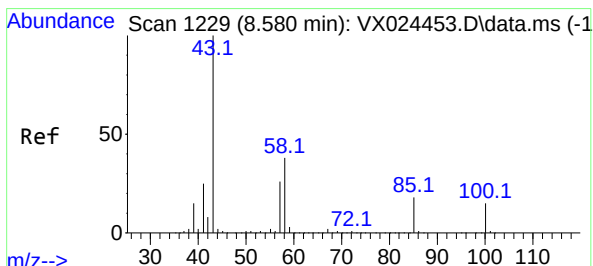
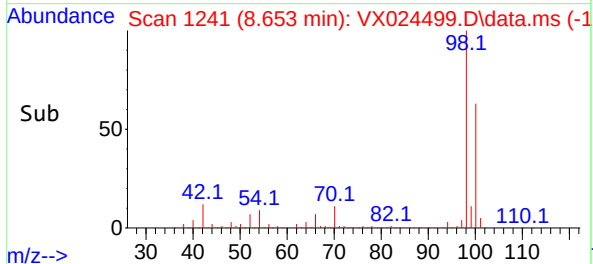
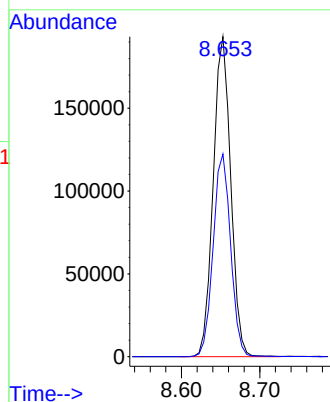
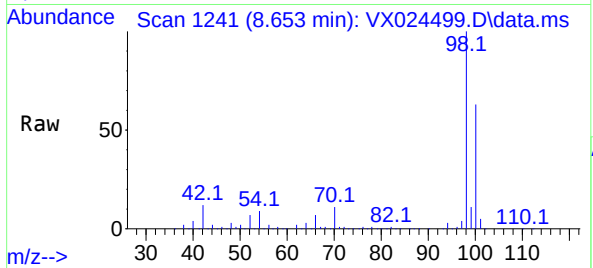




#50  
Toluene-d8  
Concen: 52.237 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

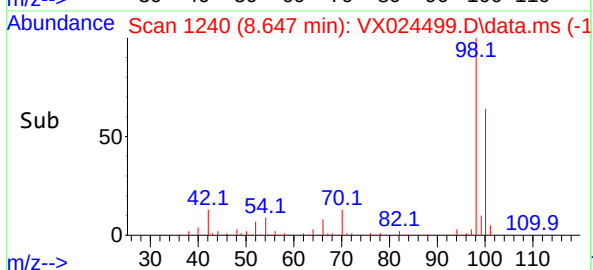
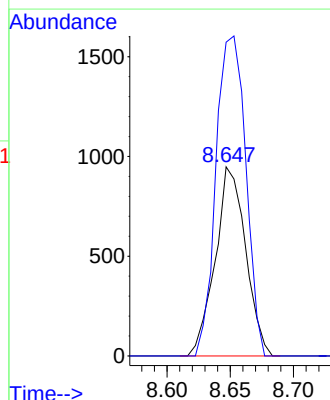
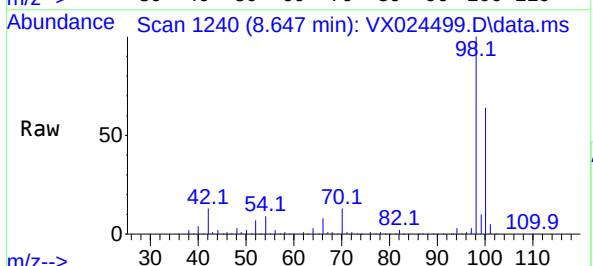
Instrument :  
MSVOA\_X  
ClientSampled :

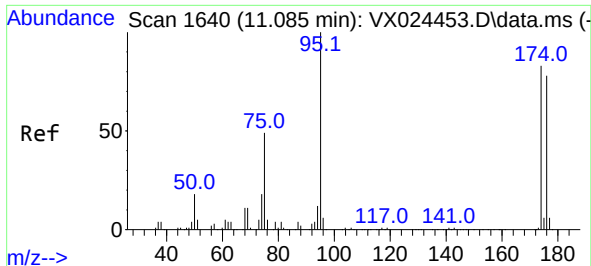
Tgt Ion: 98 Resp: 299875  
Ion Ratio Lower Upper  
98 100  
100 63.3 51.9 77.9



#51  
4-Methyl-2-Pentanone  
Concen: 0.562 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.067 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

Tgt Ion: 43 Resp: 1584  
Ion Ratio Lower Upper  
43 100  
58 166.0 35.4 53.0#

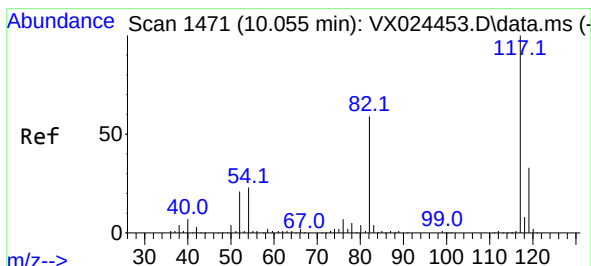
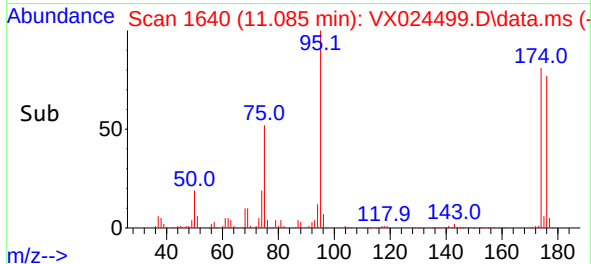
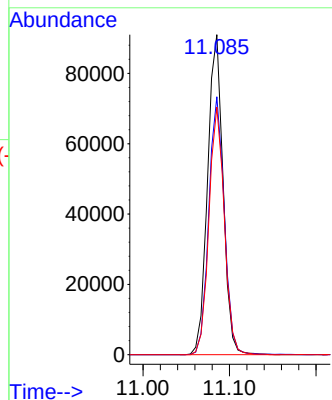
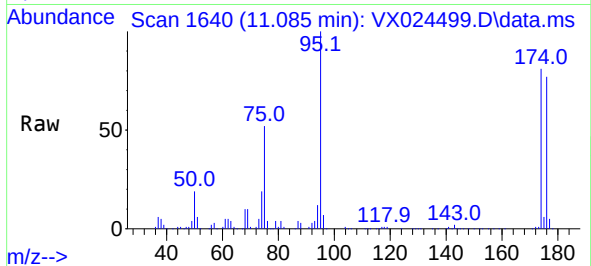




#62  
4-Bromofluorobenzene  
Concen: 49.920 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

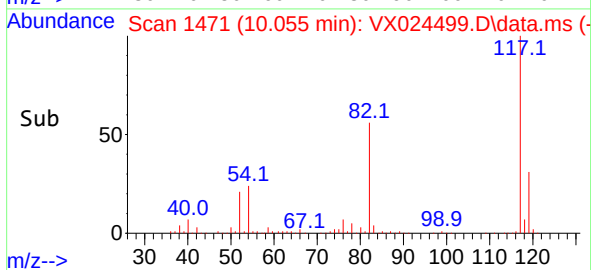
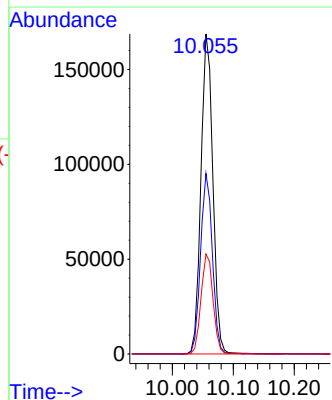
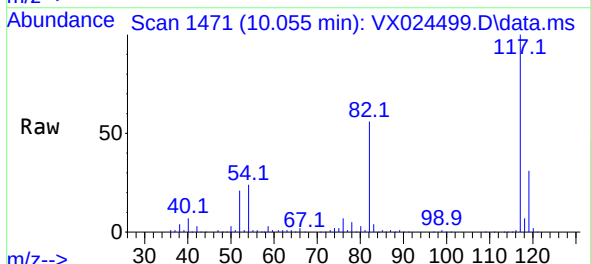
Instrument :  
MSVOA\_X  
ClientSampleId :

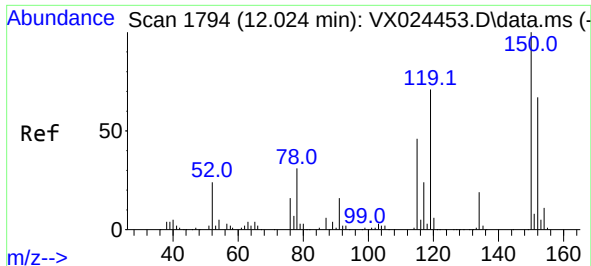
Tgt Ion: 95 Resp: 112676  
Ion Ratio Lower Upper  
95 100  
174 81.1 0.0 154.6  
176 77.2 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

Tgt Ion: 117 Resp: 228847  
Ion Ratio Lower Upper  
117 100  
82 56.4 47.4 71.2  
119 31.2 26.6 39.8

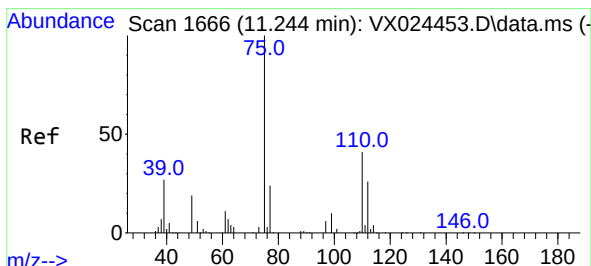
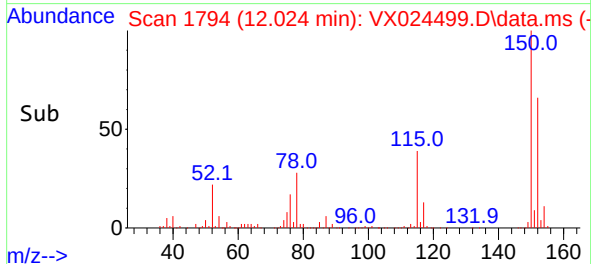
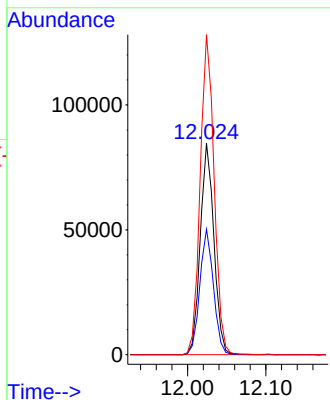
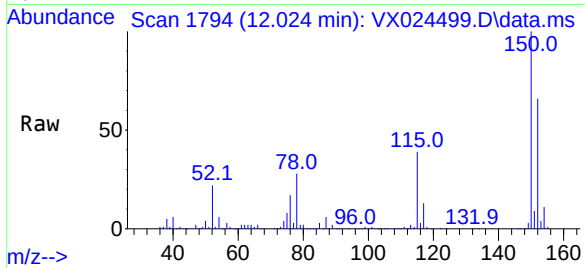




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

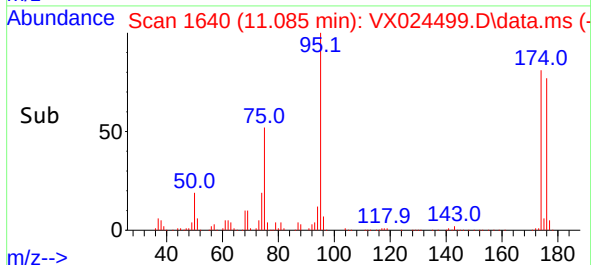
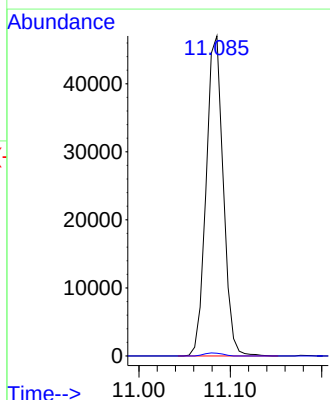
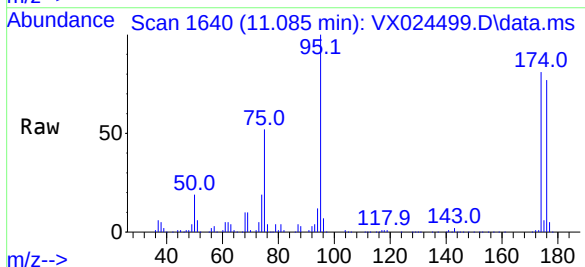
Instrument :  
MSVOA\_X  
ClientSampled :

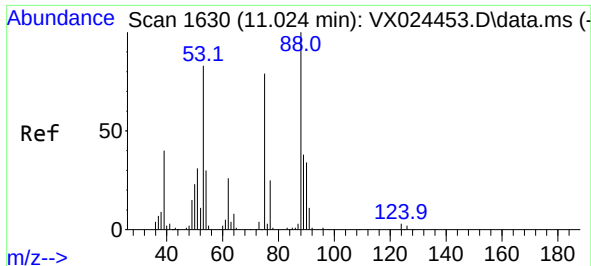
Tgt Ion:152 Resp: 102512  
Ion Ratio Lower Upper  
152 100  
115 59.2 41.1 123.3  
150 154.0 0.0 349.0



#76  
1,2,3-Trichloropropane  
Concen: 26.122 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.159 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

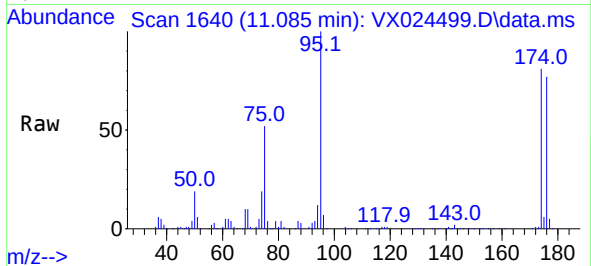
Tgt Ion: 75 Resp: 60812  
Ion Ratio Lower Upper  
75 100  
77 1.0 19.1 57.5#





#81  
trans-1,4-Dichloro-2-butene  
Concen: 71.147 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.061 min  
Lab File: VX024499.D  
Acq: 01 Oct 2021 14:32

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 75 Resp: 60812  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.5 111.7#  
89 0.0 37.9 56.9#

