

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051723\  
 Data File : VX035712.D  
 Acq On : 17 May 2023 12:51  
 Operator : JC/MD  
 Sample : 02812-21  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB

Quant Time: May 18 04:40:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 11 13:57:54 2023  
 Response via : Initial Calibration

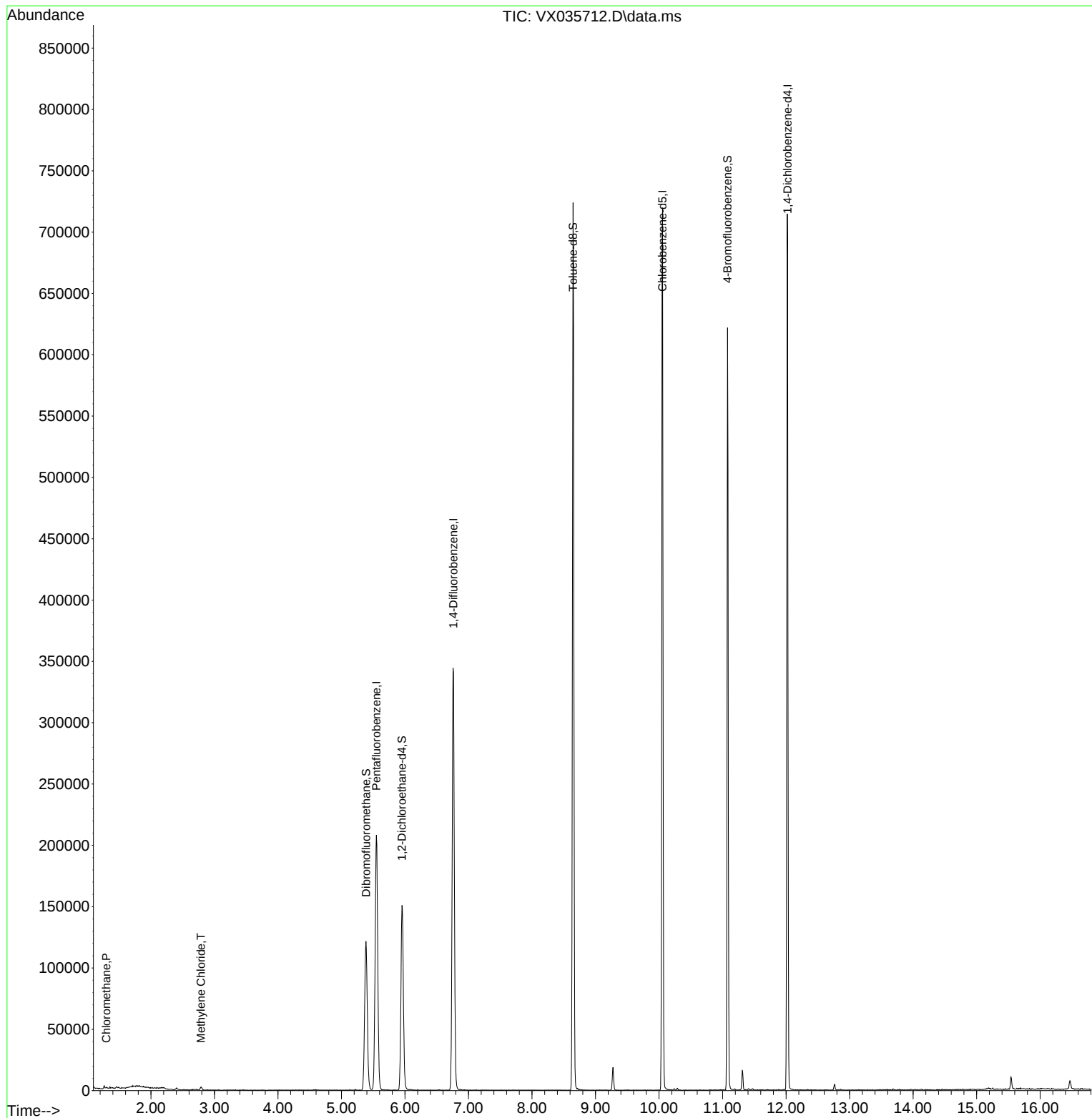
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 174541   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 328651   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 302570   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 134718   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 152055   | 49.937   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 99.880%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 107155   | 48.346   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 96.700%  |
| 50) Toluene-d8              | 8.647  | 98    | 397234   | 48.514   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 97.020%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 163869   | 49.705   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 99.420%  |
| Target Compounds            |        |       |          |          |       |          |
|                             |        |       |          |          |       | Qvalue   |
| 3) Chloromethane            | 1.295  | 50    | 946      | 0.343    | ug/l  | 98       |
| 20) Methylene Chloride      | 2.788  | 84    | 1077     | 0.454    | ug/l  | # 91     |
| -----                       |        |       |          |          |       |          |

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

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Quant Title : SW846 8260  
QLast Update : Thu May 11 13:57:54 2023  
Response via : Initial Calibration

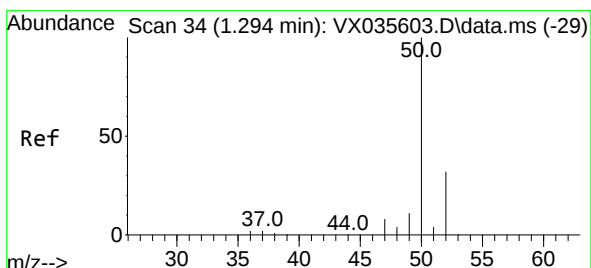
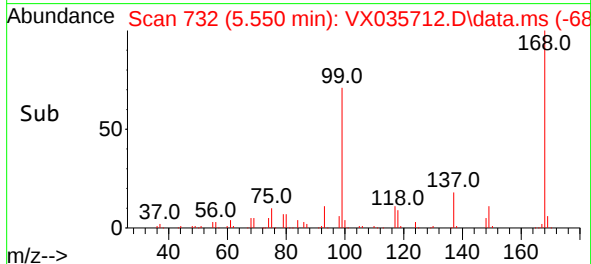
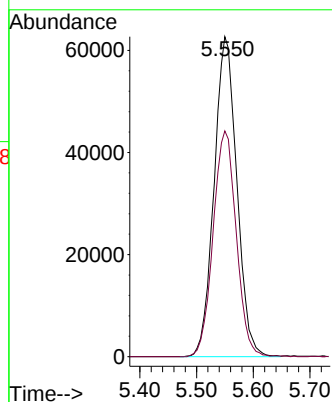
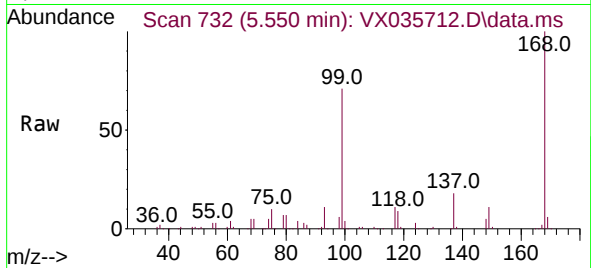




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX035712.D  
Acq: 17 May 2023 12:51

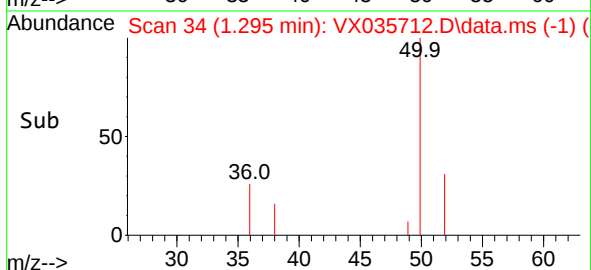
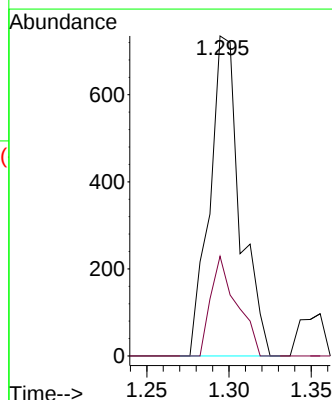
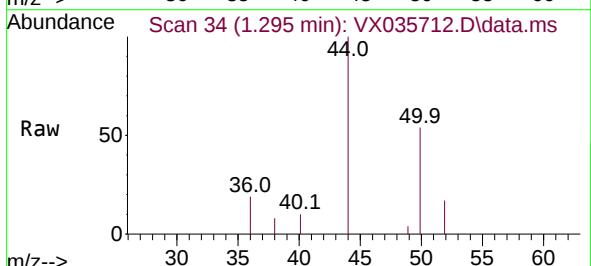
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB

Tgt Ion:168 Resp: 174541  
Ion Ratio Lower Upper  
168 100  
99 70.5 45.7 68.5#



#3  
Chloromethane  
Concen: 0.343 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.001 min  
Lab File: VX035712.D  
Acq: 17 May 2023 12:51

Tgt Ion: 50 Resp: 946  
Ion Ratio Lower Upper  
50 100  
52 31.2 25.9 38.9

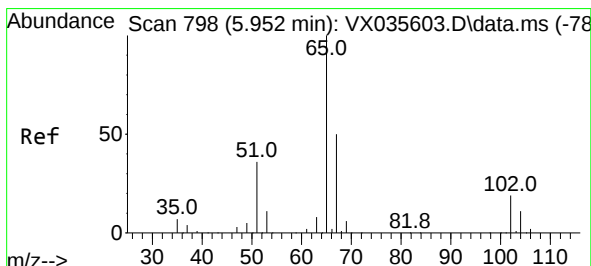
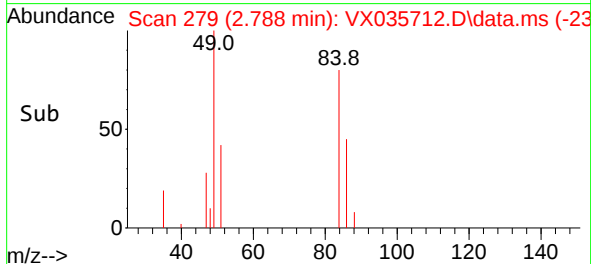
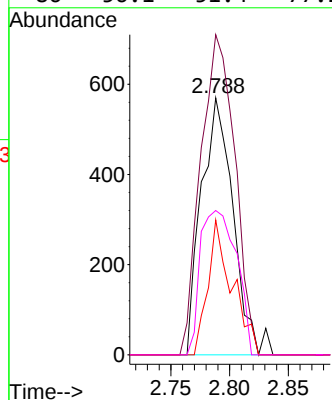
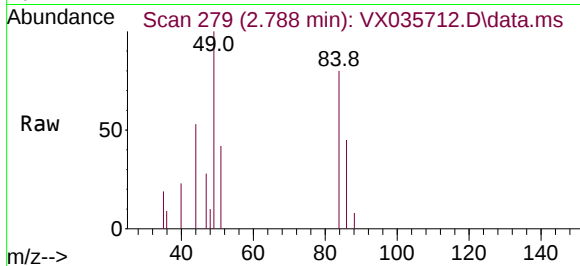




#20  
Methylene Chloride  
Concen: 0.454 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX035712.D  
Acq: 17 May 2023 12:51

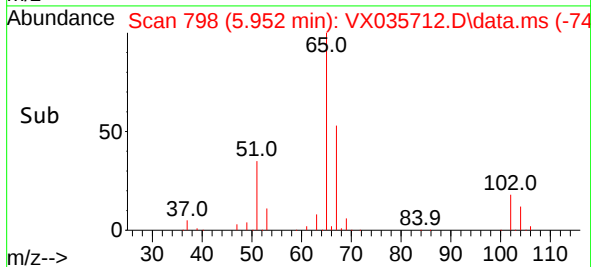
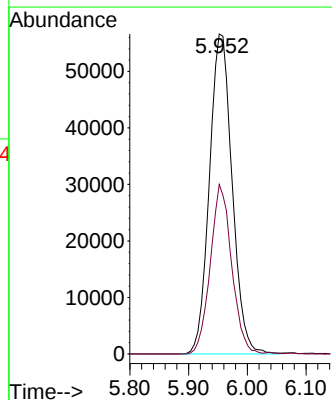
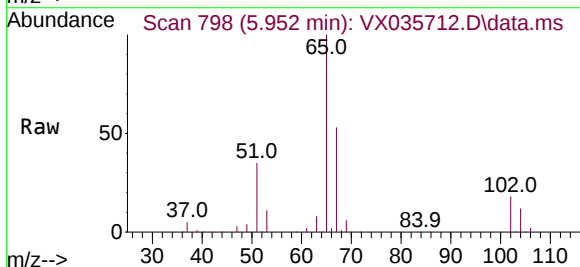
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB

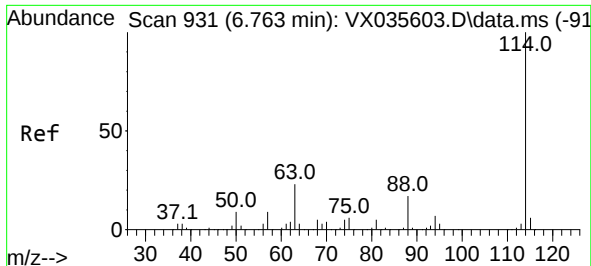
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 1077  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 124.6 | 103.8 | 155.8 |
| 51       | 52.5  | 31.8  | 47.8# |
| 86       | 56.1  | 51.4  | 77.2  |



#33  
1,2-Dichloroethane-d4  
Concen: 49.937 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX035712.D  
Acq: 17 May 2023 12:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 152055 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 49.7  | 0.0   | 104.0  |

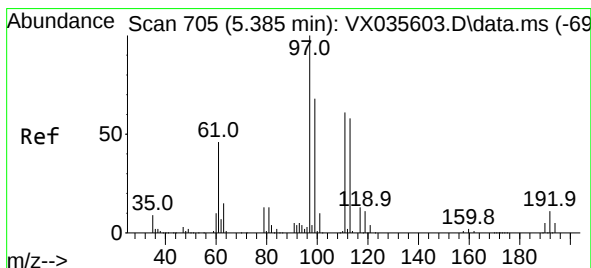
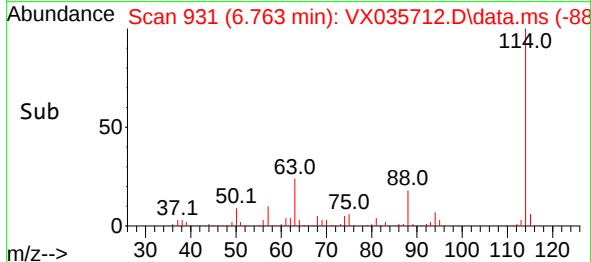
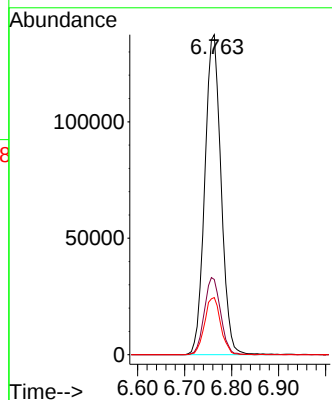
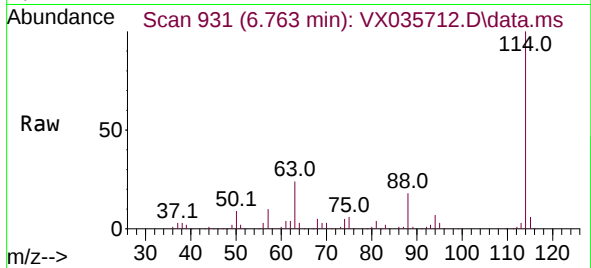




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX035712.D  
Acq: 17 May 2023 12:51

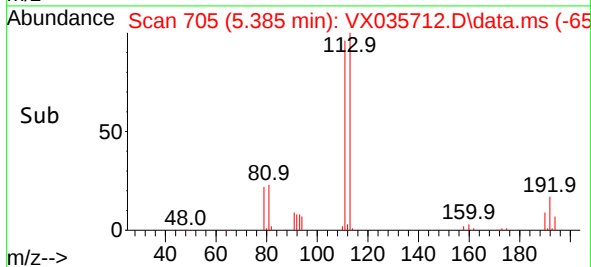
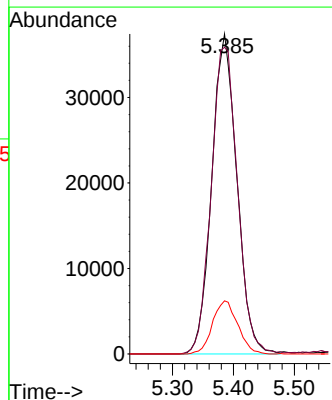
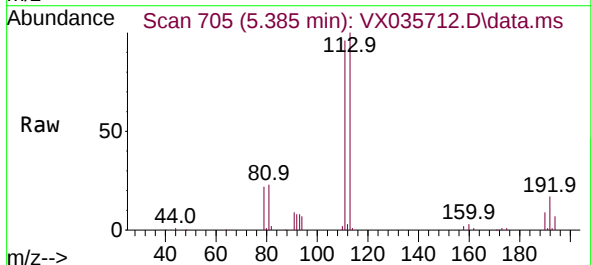
Instrument :  
MSVOA\_X  
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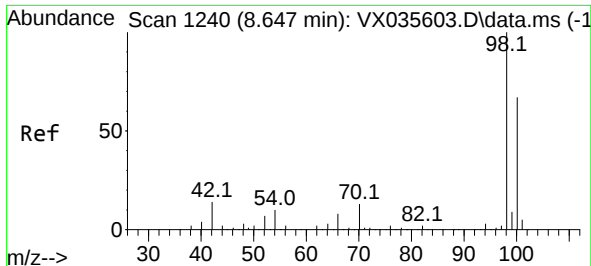
Tgt Ion:114 Resp: 328651  
Ion Ratio Lower Upper  
114 100  
63 23.5 0.0 42.2  
88 17.9 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 48.346 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035712.D  
Acq: 17 May 2023 12:51

Tgt Ion:113 Resp: 107155  
Ion Ratio Lower Upper  
113 100  
111 100.7 83.7 125.5  
192 16.7 15.4 23.2

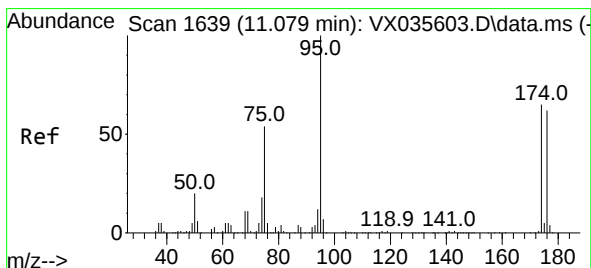
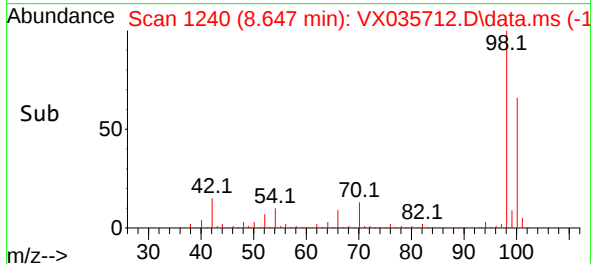
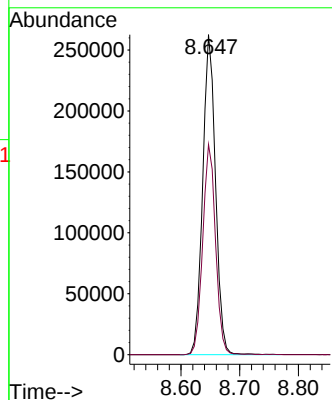
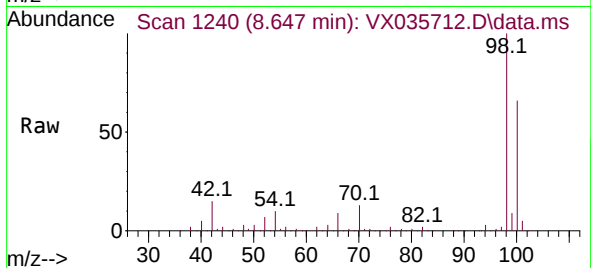




#50  
Toluene-d8  
Concen: 48.514 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX035712.D  
Acq: 17 May 2023 12:51

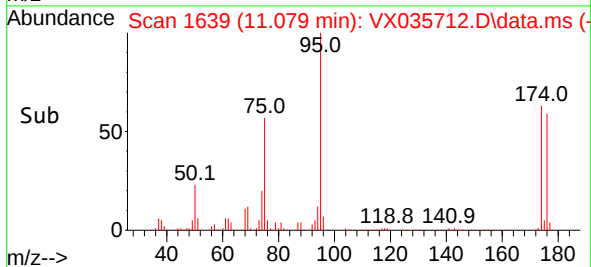
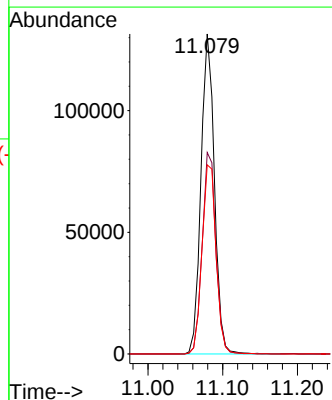
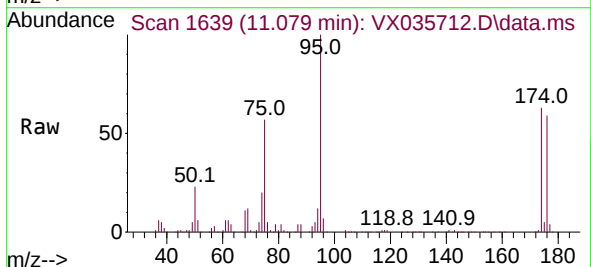
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB

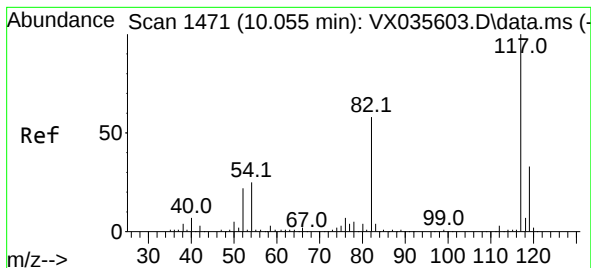
Tgt Ion: 98 Resp: 397234  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 49.705 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035712.D  
Acq: 17 May 2023 12:51

Tgt Ion: 95 Resp: 163869  
Ion Ratio Lower Upper  
95 100  
174 64.0 0.0 147.4  
176 62.1 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035712.D

Acq: 17 May 2023 12:51

Instrument :

MSVOA\_X

ClientSampleId :

TB

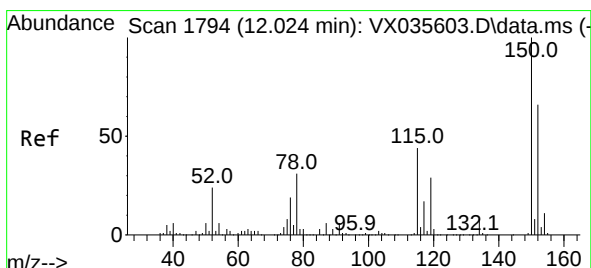
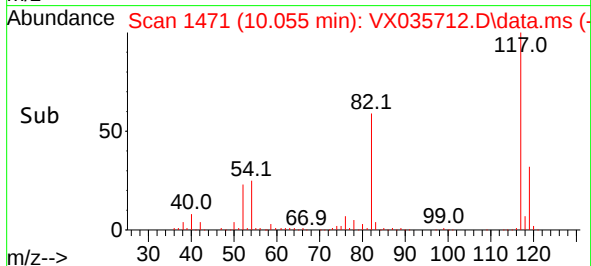
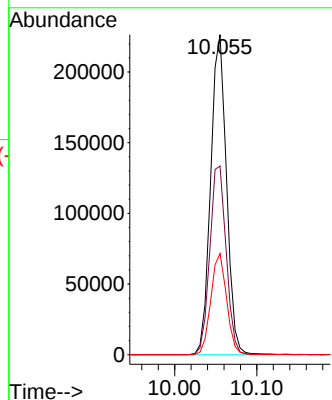
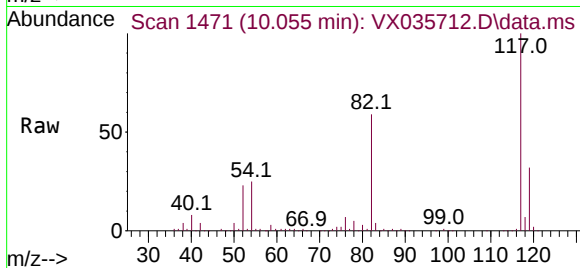
Tgt Ion:117 Resp: 302570

Ion Ratio Lower Upper

117 100

82 59.0 45.0 67.4

119 31.6 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035712.D

Acq: 17 May 2023 12:51

Tgt Ion:152 Resp: 134718

Ion Ratio Lower Upper

152 100

115 66.3 45.0 135.0

150 156.2 0.0 352.4

