

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052523\  
 Data File : VX035857.D  
 Acq On : 25 May 2023 16:44  
 Operator : JC/MD  
 Sample : 02911-01RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW10-MW01D-20230522RE

Quant Time: May 26 07:24:40 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   | 209402   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 380691   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 315856   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 161436   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 191616   | 52.453   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 104.900% |          |
| 35) Dibromofluoromethane    | 5.385  | 113   | 118268   | 46.066   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 92.140%  |          |
| 50) Toluene-d8              | 8.647  | 98    | 396164   | 41.770   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 83.540%# |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 185133   | 48.479   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 96.960%  |          |

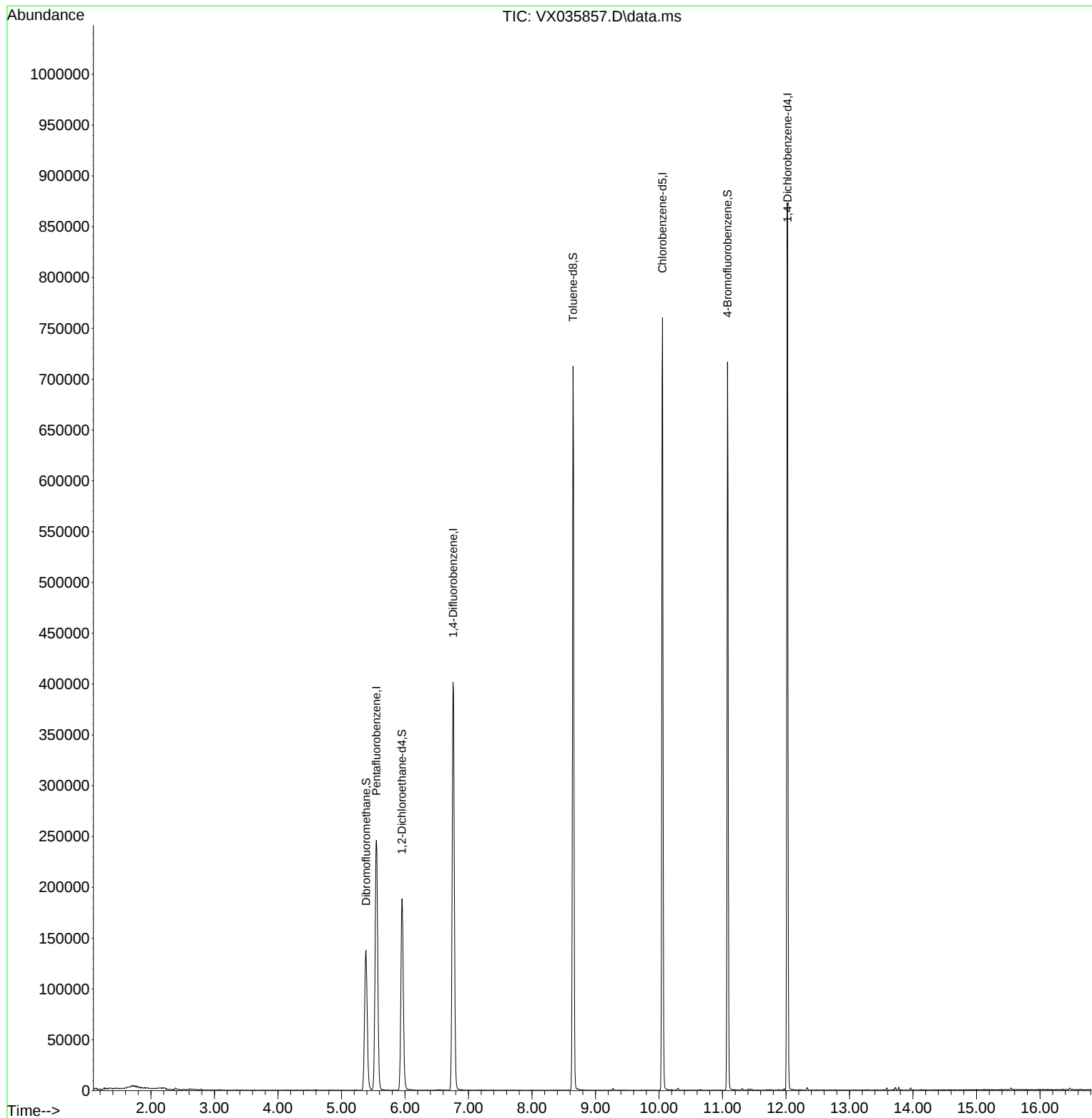
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

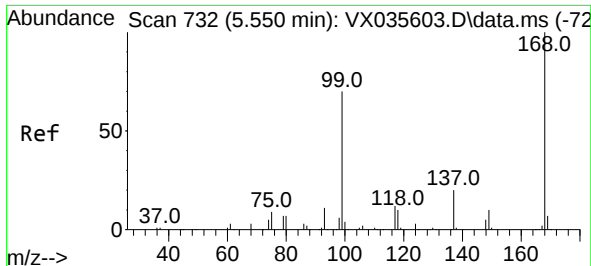
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

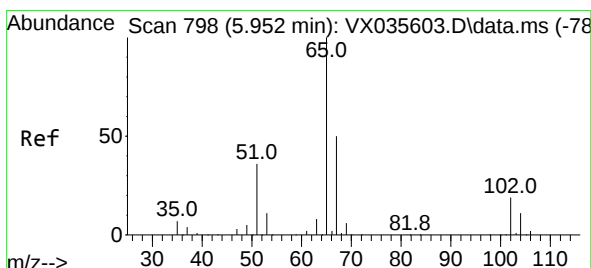
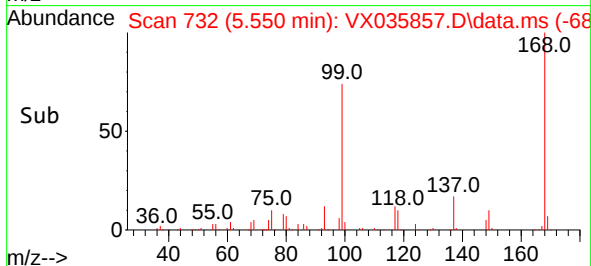
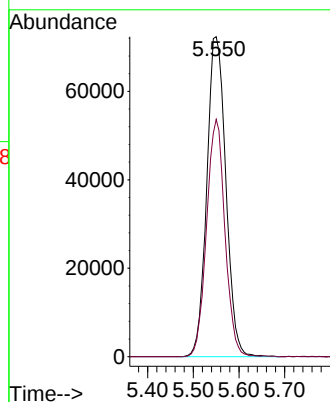
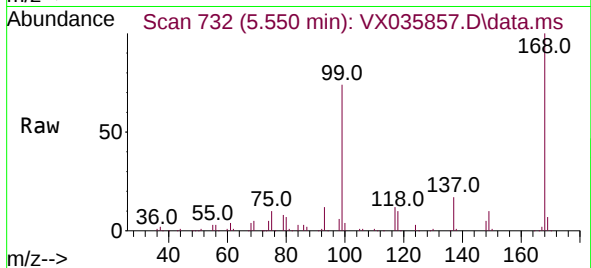




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX035857.D  
Acq: 25 May 2023 16:44

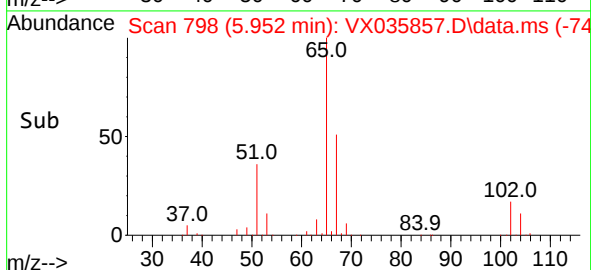
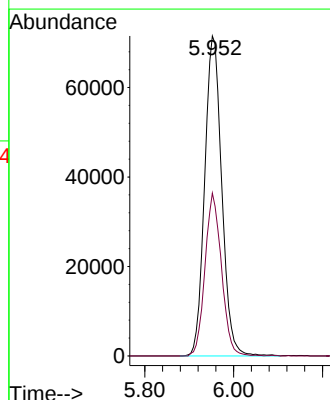
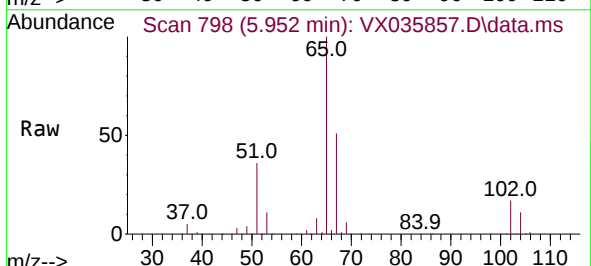
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MSVOA\_X  
ClientSampleId :  
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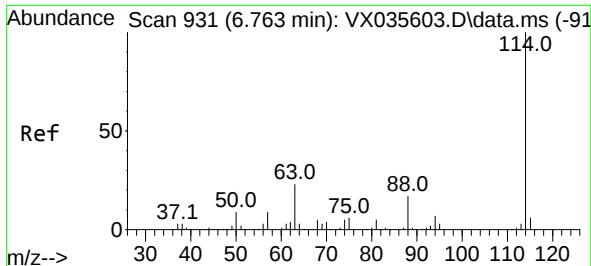
Tgt Ion:168 Resp: 209402  
Ion Ratio Lower Upper  
168 100  
99 74.2 45.7 68.5#



#33  
1,2-Dichloroethane-d4  
Concen: 52.453 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX035857.D  
Acq: 25 May 2023 16:44

Tgt Ion: 65 Resp: 191616  
Ion Ratio Lower Upper  
65 100  
67 49.0 0.0 104.0

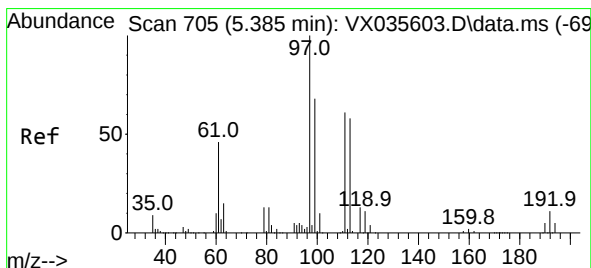
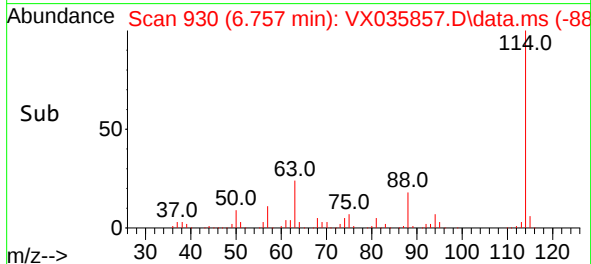
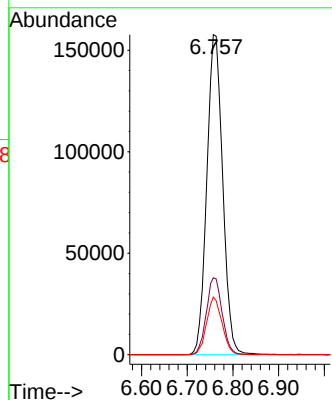
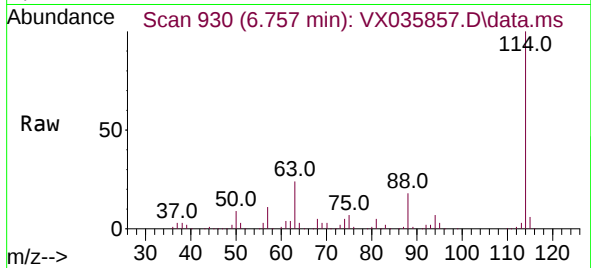




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VX035857.D  
Acq: 25 May 2023 16:44

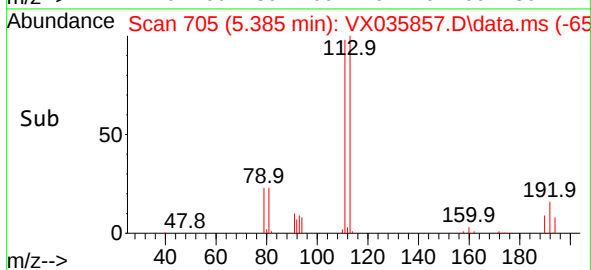
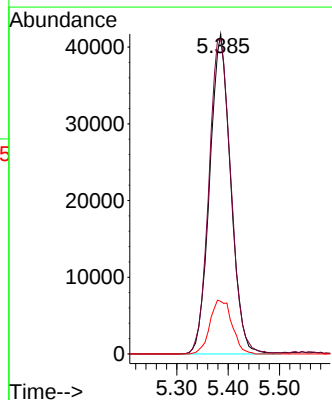
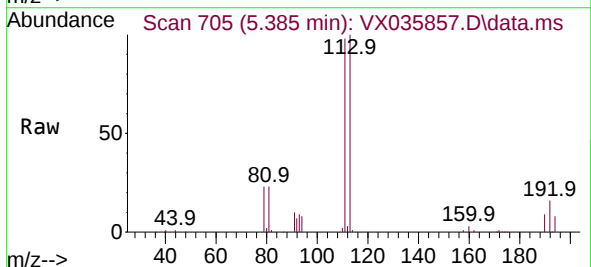
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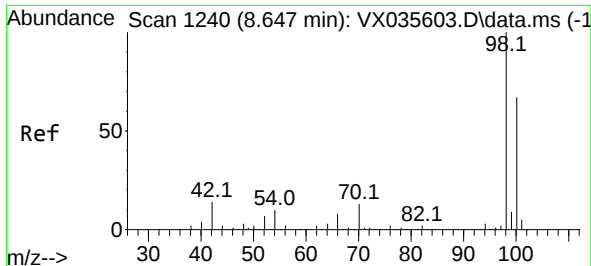
Tgt Ion:114 Resp: 380691  
Ion Ratio Lower Upper  
114 100  
63 24.1 0.0 42.2  
88 18.0 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 46.066 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035857.D  
Acq: 25 May 2023 16:44

Tgt Ion:113 Resp: 118268  
Ion Ratio Lower Upper  
113 100  
111 103.3 83.7 125.5  
192 17.7 15.4 23.2

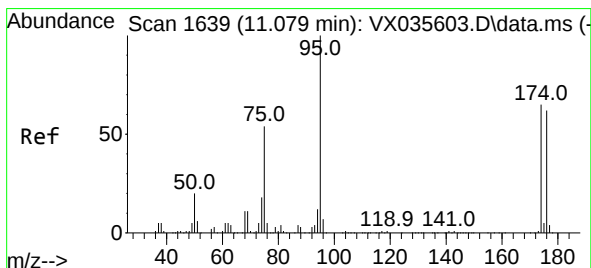
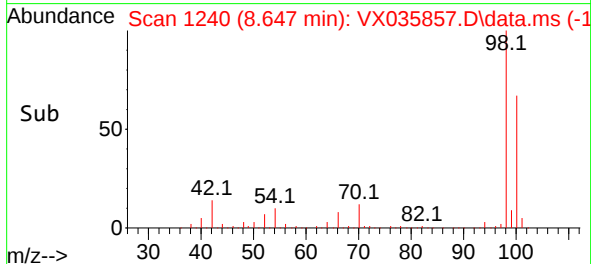
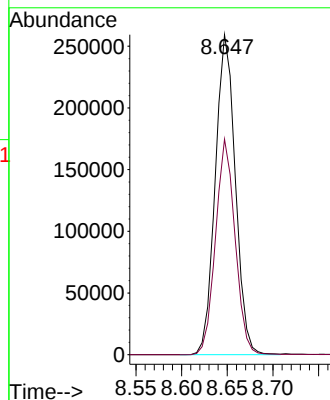
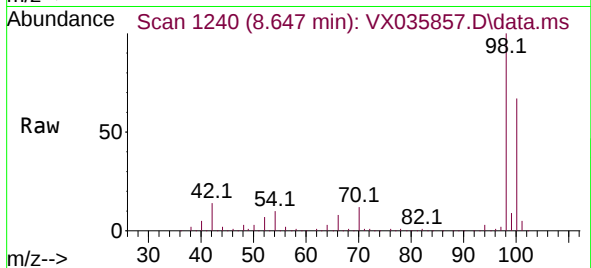




#50  
Toluene-d8  
Concen: 41.770 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX035857.D  
Acq: 25 May 2023 16:44

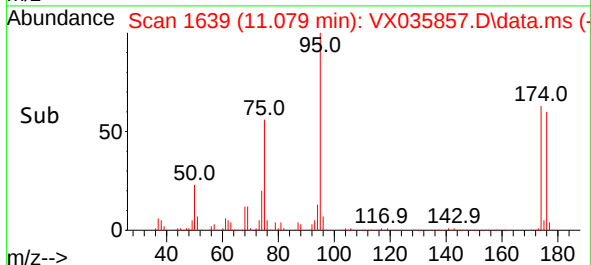
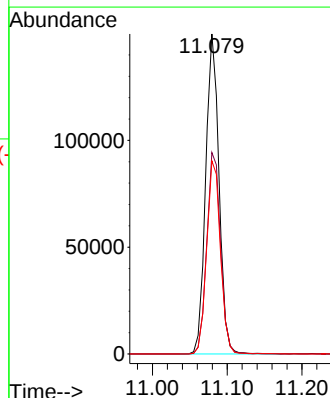
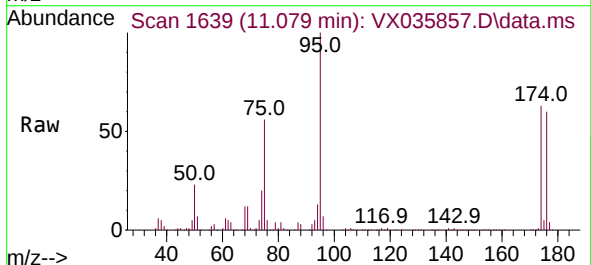
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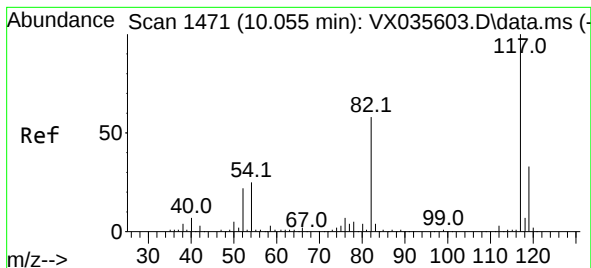
Tgt Ion: 98 Resp: 396164  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 48.479 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035857.D  
Acq: 25 May 2023 16:44

Tgt Ion: 95 Resp: 185133  
Ion Ratio Lower Upper  
95 100  
174 65.4 0.0 147.4  
176 62.4 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: VX035857.D

Acq: 25 May 2023 16:44

Instrument :

MSVOA\_X

ClientSampleId :

RW10-MW01D-20230522RE

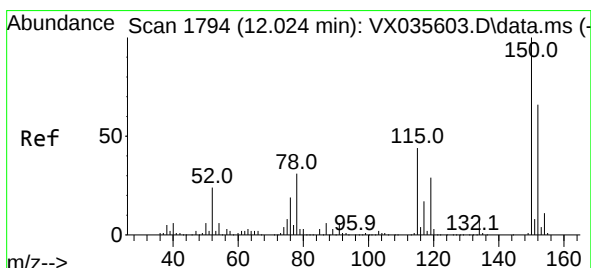
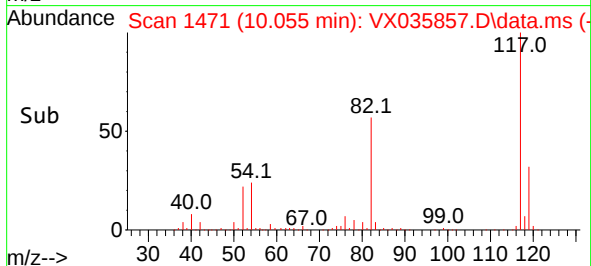
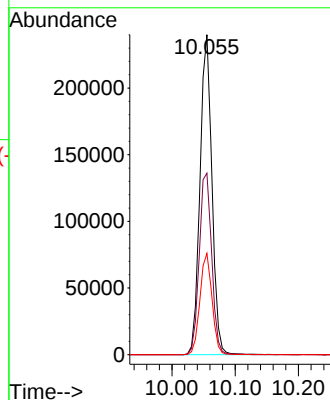
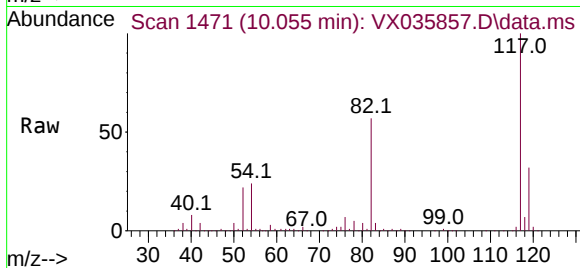
Tgt Ion:117 Resp: 315856

Ion Ratio Lower Upper

117 100

82 56.7 45.0 67.4

119 31.7 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: VX035857.D

Acq: 25 May 2023 16:44

Tgt Ion:152 Resp: 161436

Ion Ratio Lower Upper

152 100

115 65.3 45.0 135.0

150 156.1 0.0 352.4

