

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040424\  
 Data File : VX040876.D  
 Acq On : 04 Apr 2024 09:54  
 Operator : JC/MD  
 Sample : VX0404WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0404WBL01

Quant Time: Apr 05 04:06:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 02 05:40:55 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 47429    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 84764    | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 83735    | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 43189    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 41907    | 49.244   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 98.480%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 30009    | 49.983   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 99.960%  |
| 50) Toluene-d8              | 8.647  | 98    | 107038   | 49.338   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 98.680%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 42845    | 49.454   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 98.900%  |

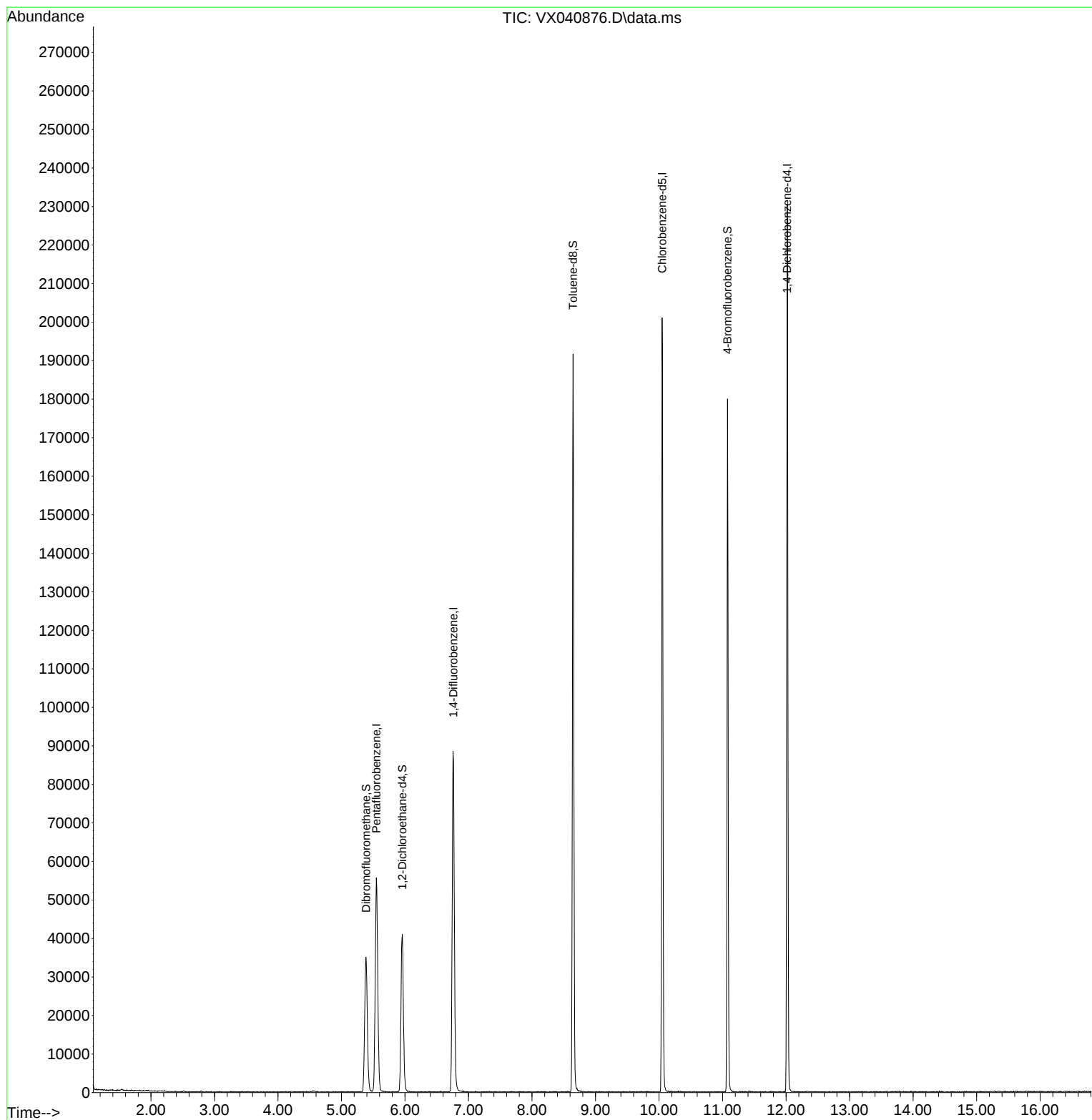
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

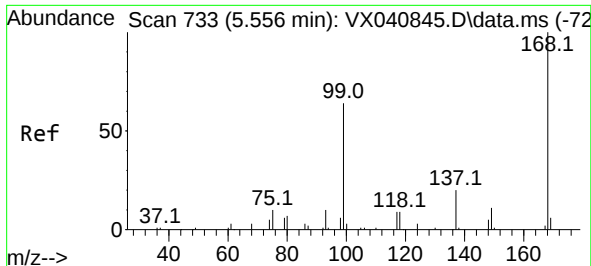
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
VX0404WBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 02 05:40:55 2024  
Response via : Initial Calibration

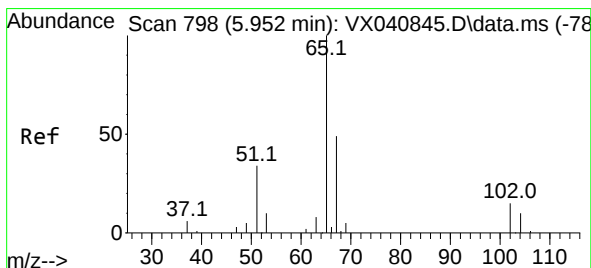
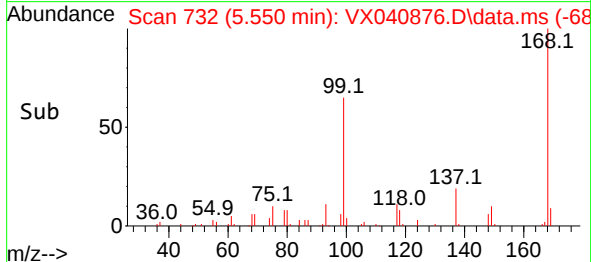
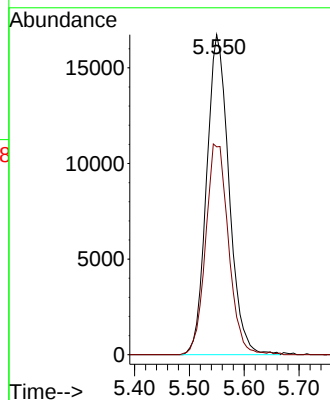
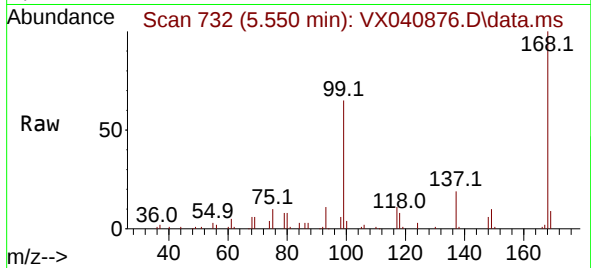




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 712  
Delta R.T. -0.006 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

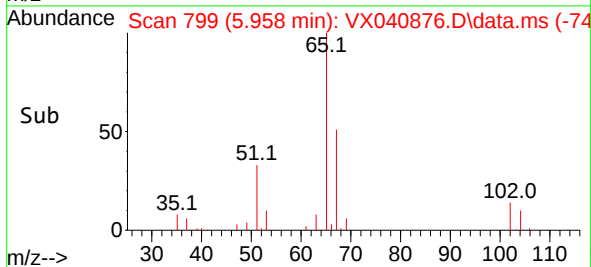
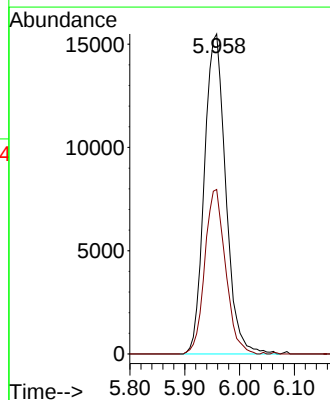
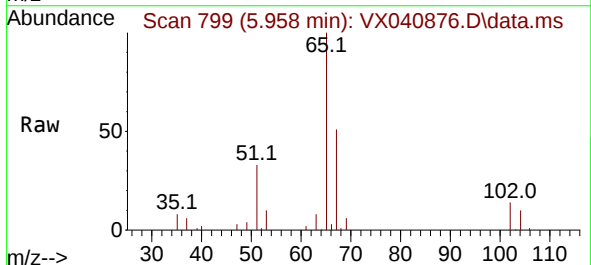
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0404WBL01

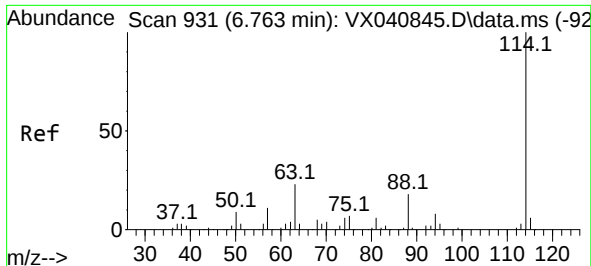
Tgt Ion:168 Resp: 47429  
Ion Ratio Lower Upper  
168 100  
99 65.0 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 49.244 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

Tgt Ion: 65 Resp: 41907  
Ion Ratio Lower Upper  
65 100  
67 50.0 0.0 100.2

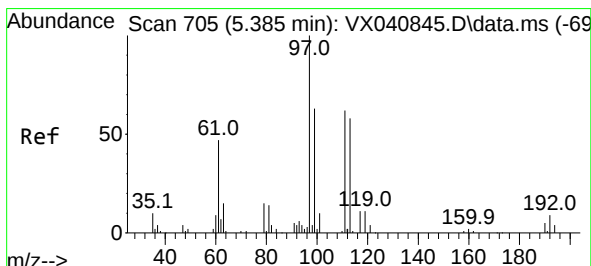
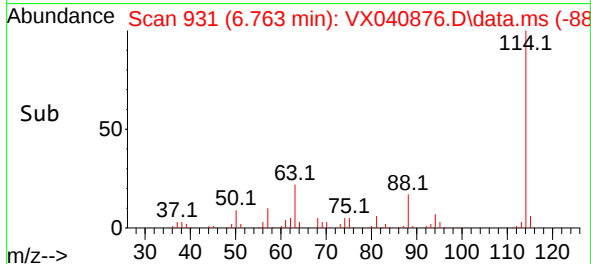
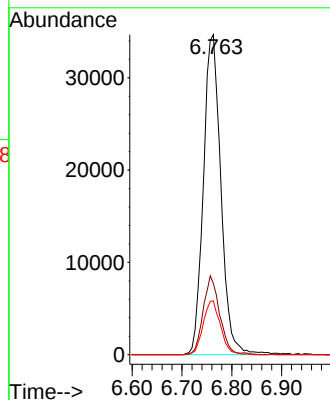
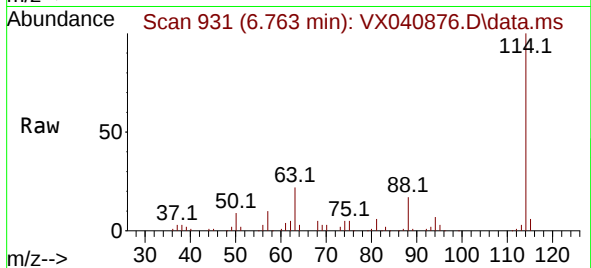




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

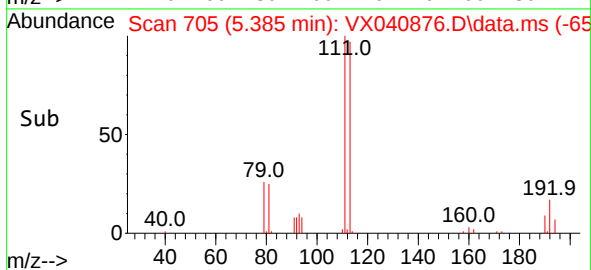
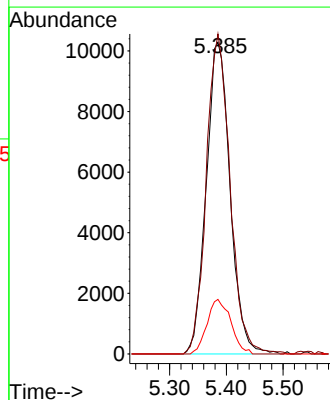
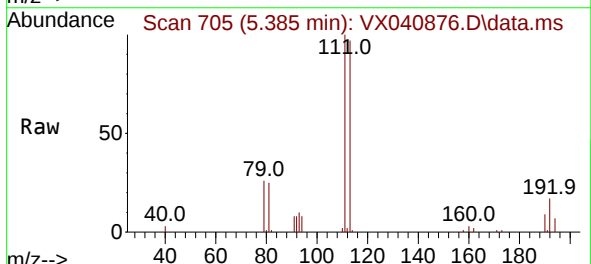
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0404WBL01

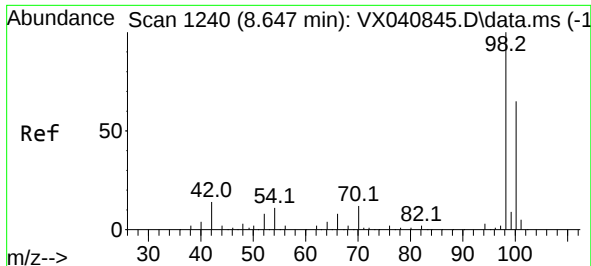
Tgt Ion:114 Resp: 84764  
Ion Ratio Lower Upper  
114 100  
63 22.3 0.0 45.0  
88 16.8 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 49.983 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

Tgt Ion:113 Resp: 30009  
Ion Ratio Lower Upper  
113 100  
111 102.3 82.9 124.3  
192 17.4 13.3 19.9

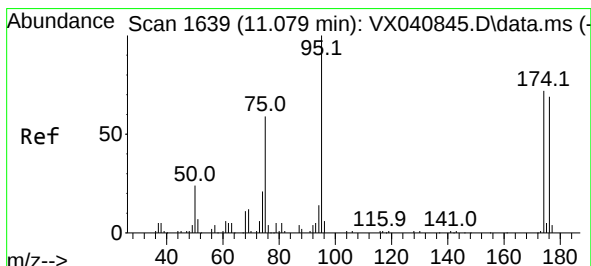
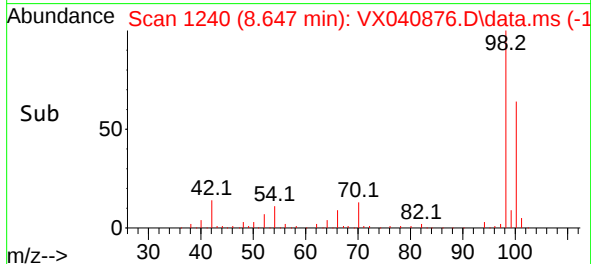
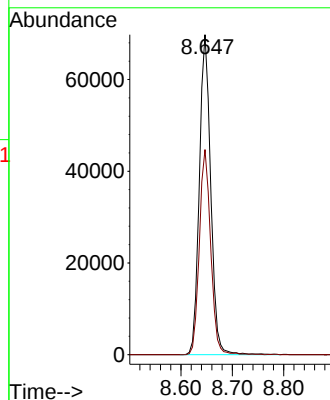
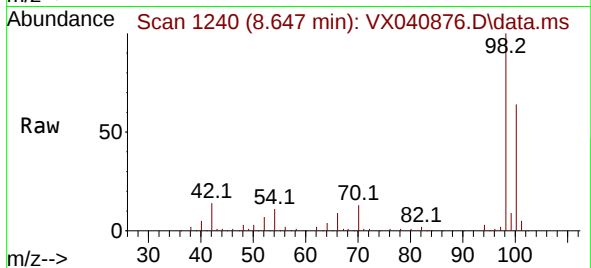




#50  
Toluene-d8  
Concen: 49.338 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

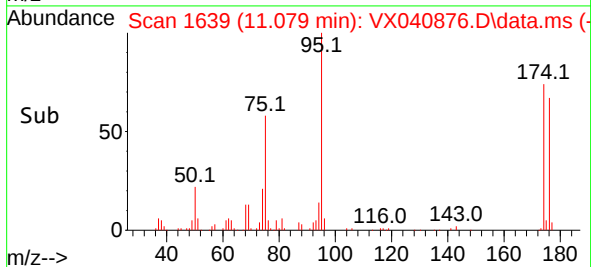
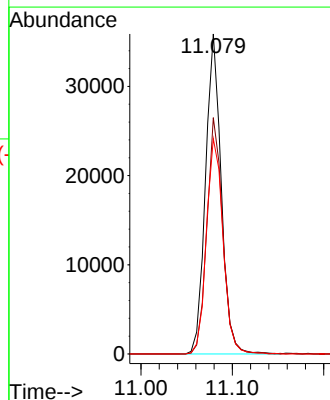
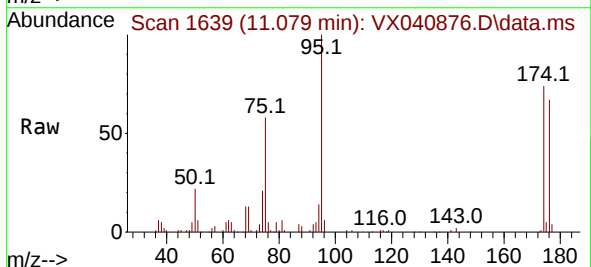
Instrument :  
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ClientSampleId :  
VX0404WBL01

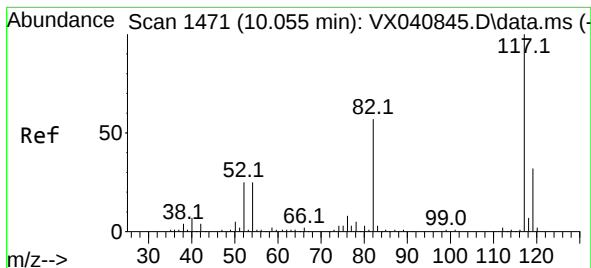
Tgt Ion: 98 Resp: 107038  
Ion Ratio Lower Upper  
98 100  
100 63.9 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 49.454 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040876.D  
Acq: 04 Apr 2024 09:54

Tgt Ion: 95 Resp: 42845  
Ion Ratio Lower Upper  
95 100  
174 74.4 0.0 135.6  
176 71.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 14

Delta R.T. -0.006 min

Lab File: VX040876.D

Acq: 04 Apr 2024 09:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0404WBL01

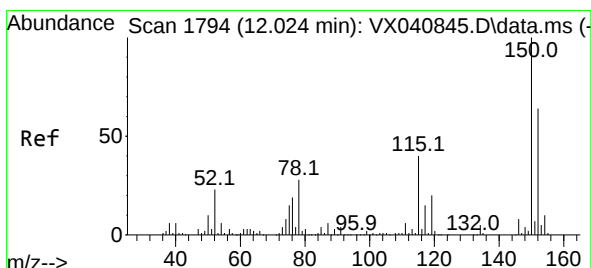
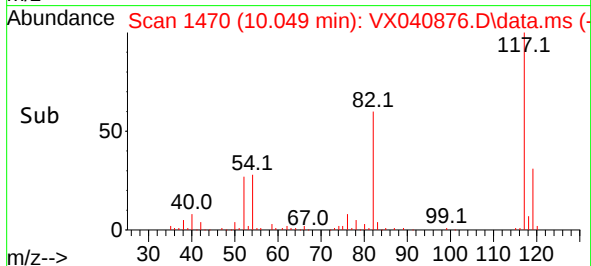
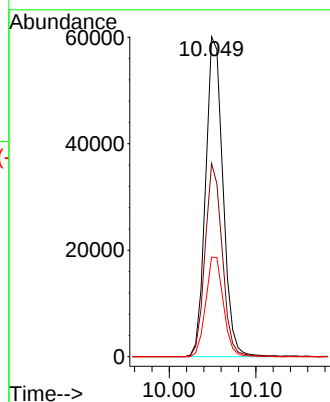
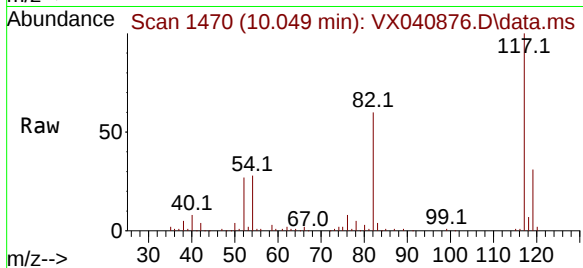
Tgt Ion:117 Resp: 83735

Ion Ratio Lower Upper

117 100

82 60.4 46.2 69.4

119 31.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX040876.D

Acq: 04 Apr 2024 09:54

Tgt Ion:152 Resp: 43189

Ion Ratio Lower Upper

152 100

115 64.3 43.3 129.9

150 155.1 0.0 345.0

