

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110422\  
 Data File : VX032580.D  
 Acq On : 04 Nov 2022 16:38  
 Operator : JC/MD  
 Sample : N5490-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Nov 05 00:38:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 114106   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 191149   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 168742   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 78387    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 78200    | 49.323   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 98.640%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 60761    | 44.563   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 89.120%  |
| 50) Toluene-d8              | 8.647  | 98    | 226611   | 47.797   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 95.600%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 85075    | 45.937   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 91.880%  |

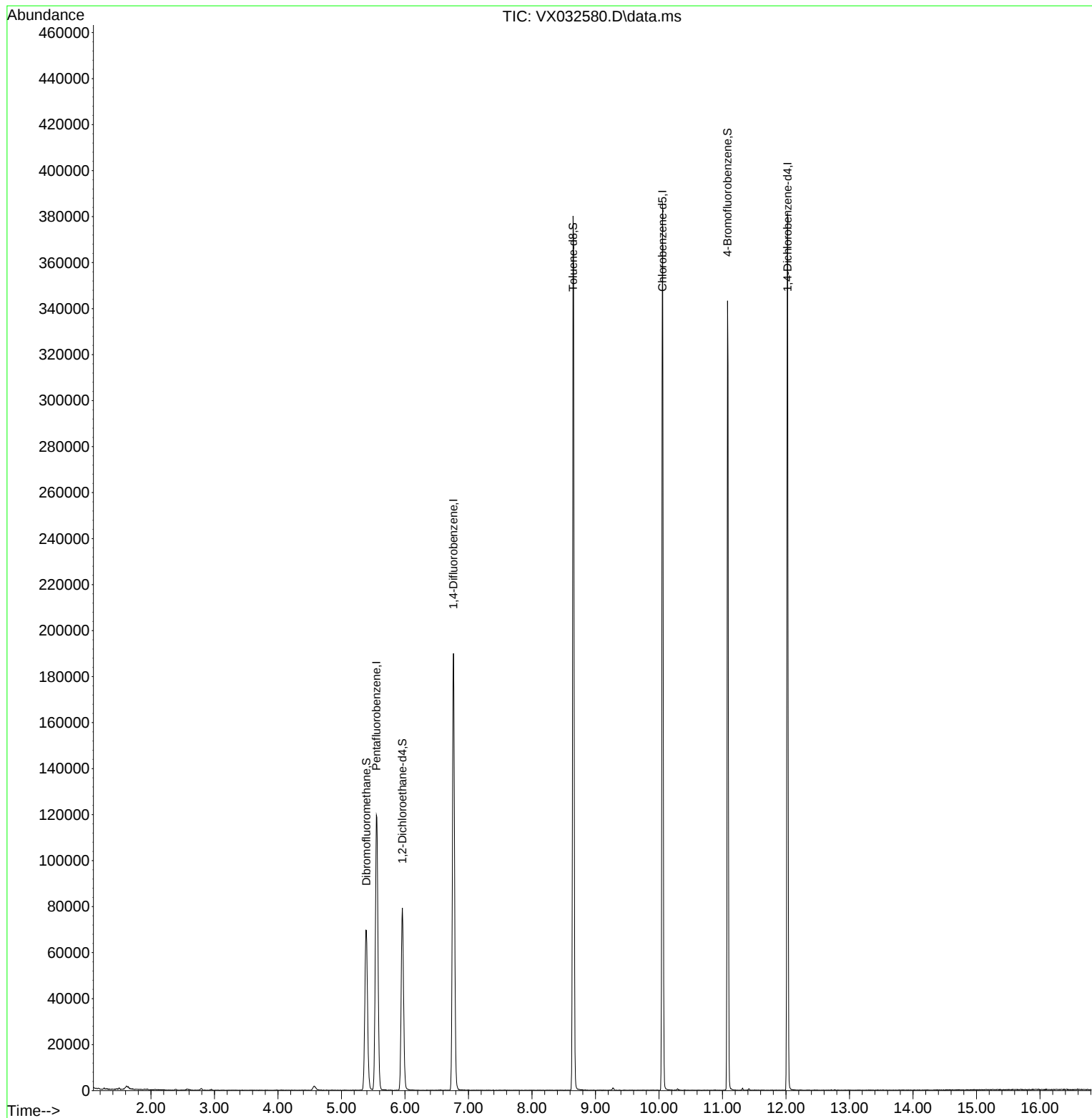
Target Compounds Qvalue

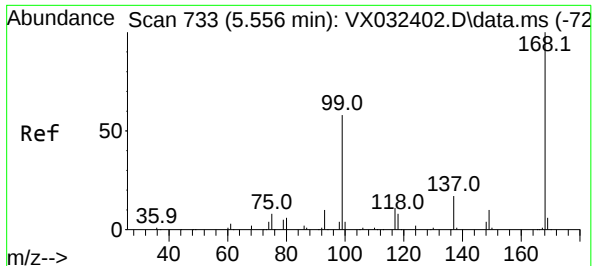
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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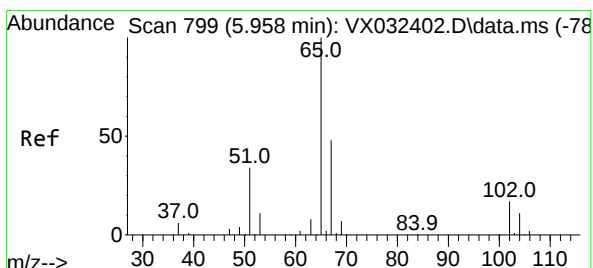
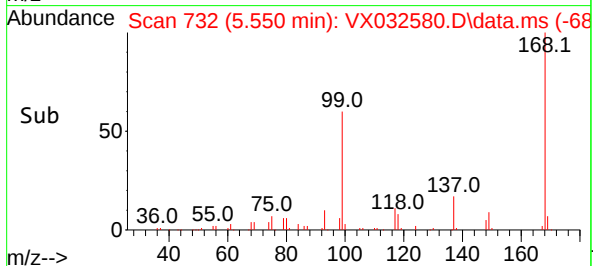
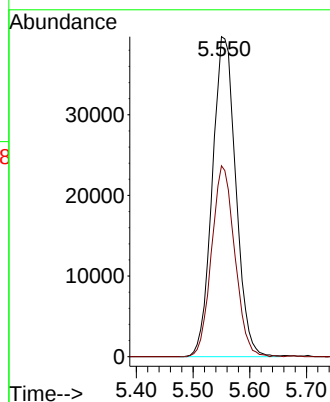
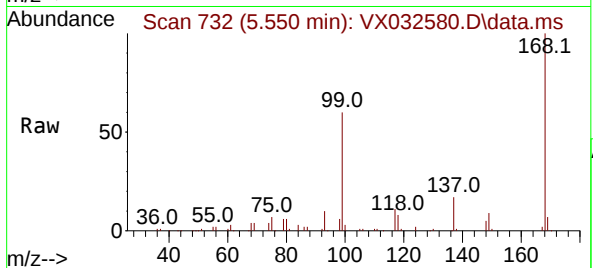




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: VX032580.D  
Acq: 04 Nov 2022 16:38

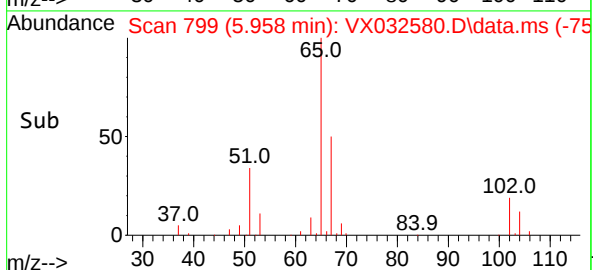
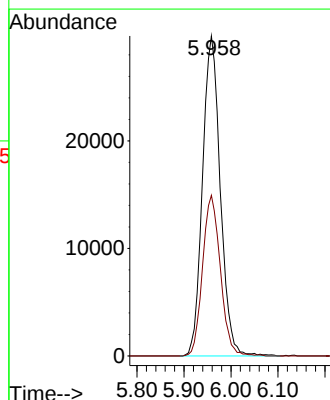
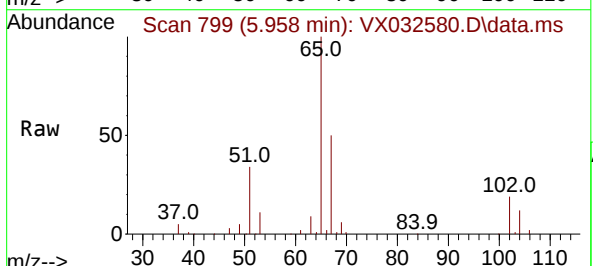
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

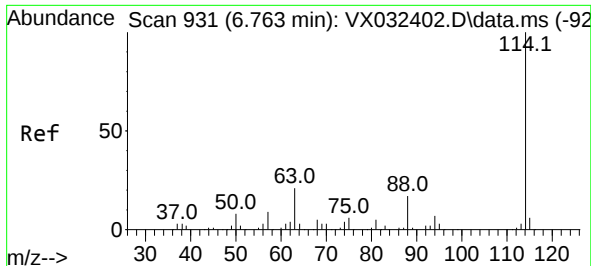
Tgt Ion:168 Resp: 114106  
Ion Ratio Lower Upper  
168 100  
99 59.7 46.1 69.1



#33  
1,2-Dichloroethane-d4  
Concen: 49.323 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX032580.D  
Acq: 04 Nov 2022 16:38

Tgt Ion: 65 Resp: 78200  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 101.8

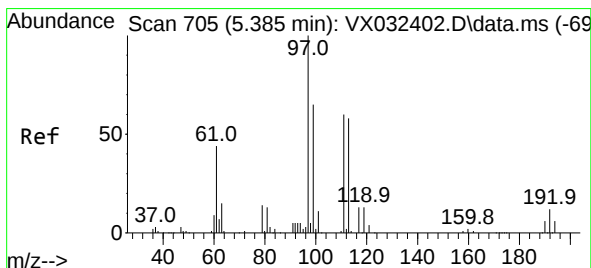
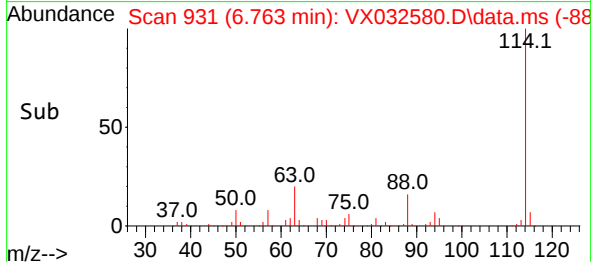
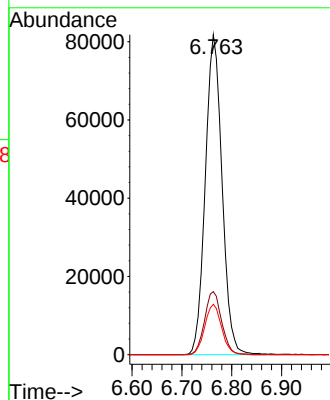
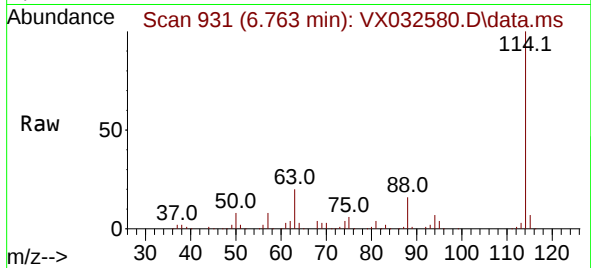




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX032580.D  
Acq: 04 Nov 2022 16:38

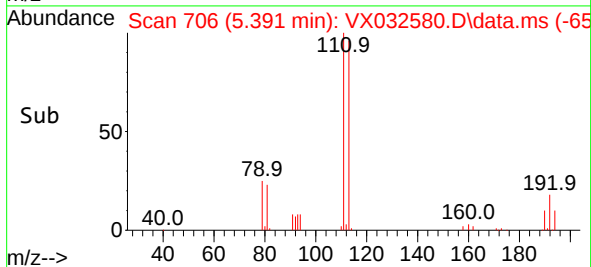
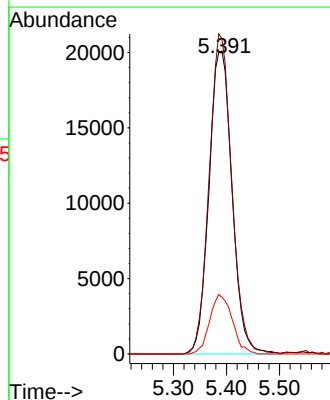
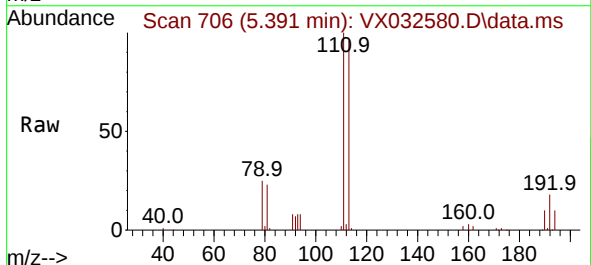
Instrument :  
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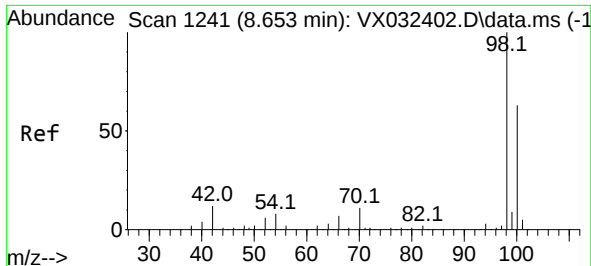
Tgt Ion:114 Resp: 191149  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 41.6  
88 15.7 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 44.563 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX032580.D  
Acq: 04 Nov 2022 16:38

Tgt Ion:113 Resp: 60761  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.4 123.6  
192 19.2 15.4 23.2

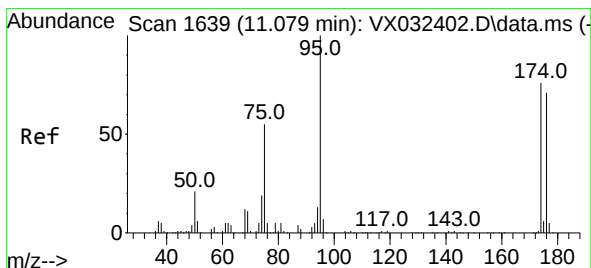
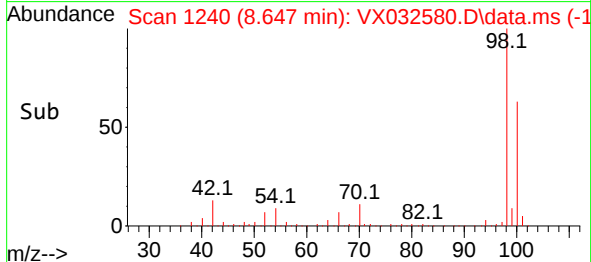
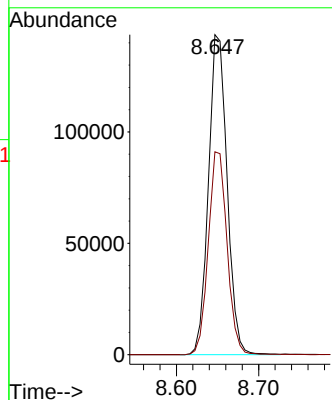
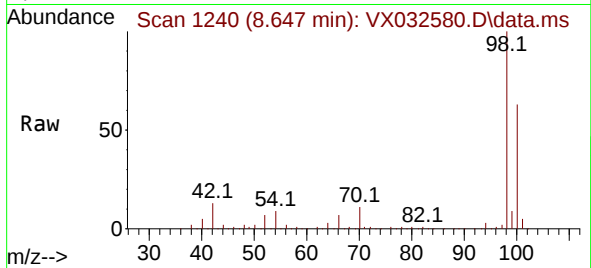




#50  
Toluene-d8  
Concen: 47.797 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX032580.D  
Acq: 04 Nov 2022 16:38

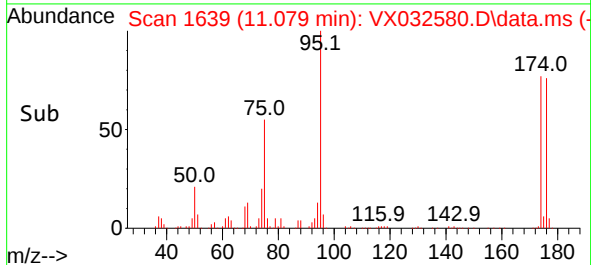
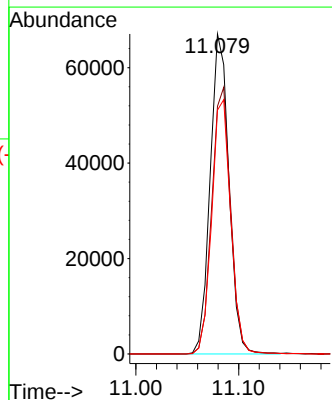
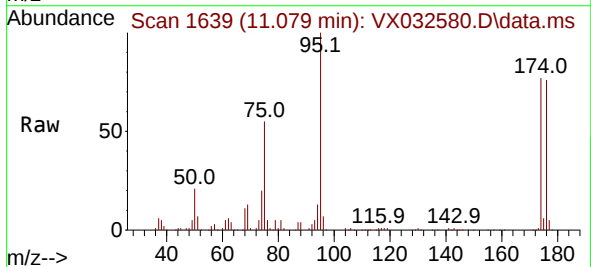
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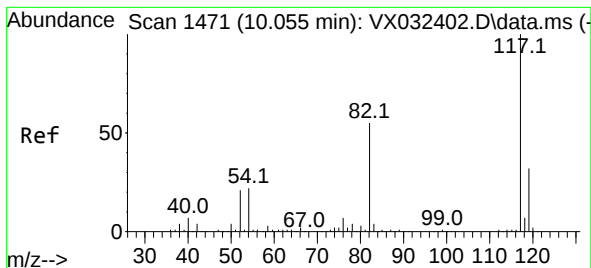
Tgt Ion: 98 Resp: 226611  
Ion Ratio Lower Upper  
98 100  
100 63.9 50.9 76.3



#62  
4-Bromofluorobenzene  
Concen: 45.937 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX032580.D  
Acq: 04 Nov 2022 16:38

Tgt Ion: 95 Resp: 85075  
Ion Ratio Lower Upper  
95 100  
174 84.2 0.0 164.0  
176 80.7 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032580.D

Acq: 04 Nov 2022 16:38

Instrument :

MSVOA\_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

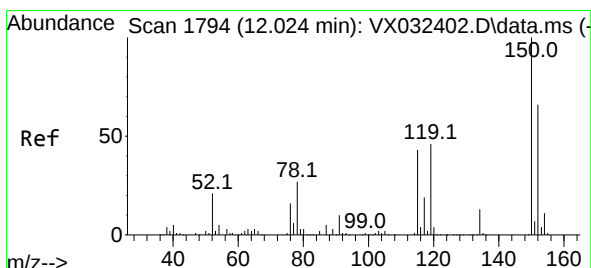
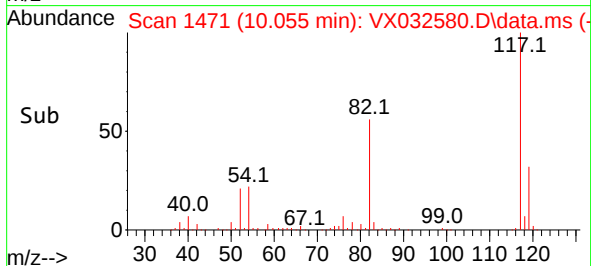
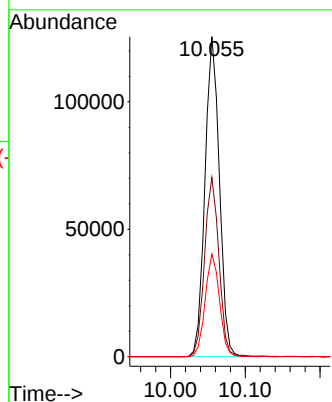
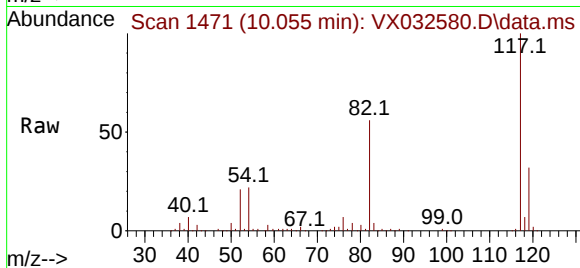
Tgt Ion:117 Resp: 168742

Ion Ratio Lower Upper

117 100

82 56.0 44.3 66.5

119 32.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX032580.D

Acq: 04 Nov 2022 16:38

Tgt Ion:152 Resp: 78387

Ion Ratio Lower Upper

152 100

115 60.1 44.0 132.0

150 155.5 0.0 351.8

