

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112922\  
 Data File : VX033109.D  
 Acq On : 29 Nov 2022 11:53  
 Operator : JC/MD  
 Sample : N5786-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Nov 30 01:00:46 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 22 13:58:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 130374   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 210394   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 186465   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 84581    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 69140    | 54.558   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 109.120% |          |
| 35) Dibromofluoromethane    | 5.385  | 113   | 54786    | 46.189   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 92.380%  |          |
| 50) Toluene-d8              | 8.647  | 98    | 187370   | 52.615   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 105.220% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 73203    | 46.982   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 93.960%  |          |

Target Compounds Qvalue

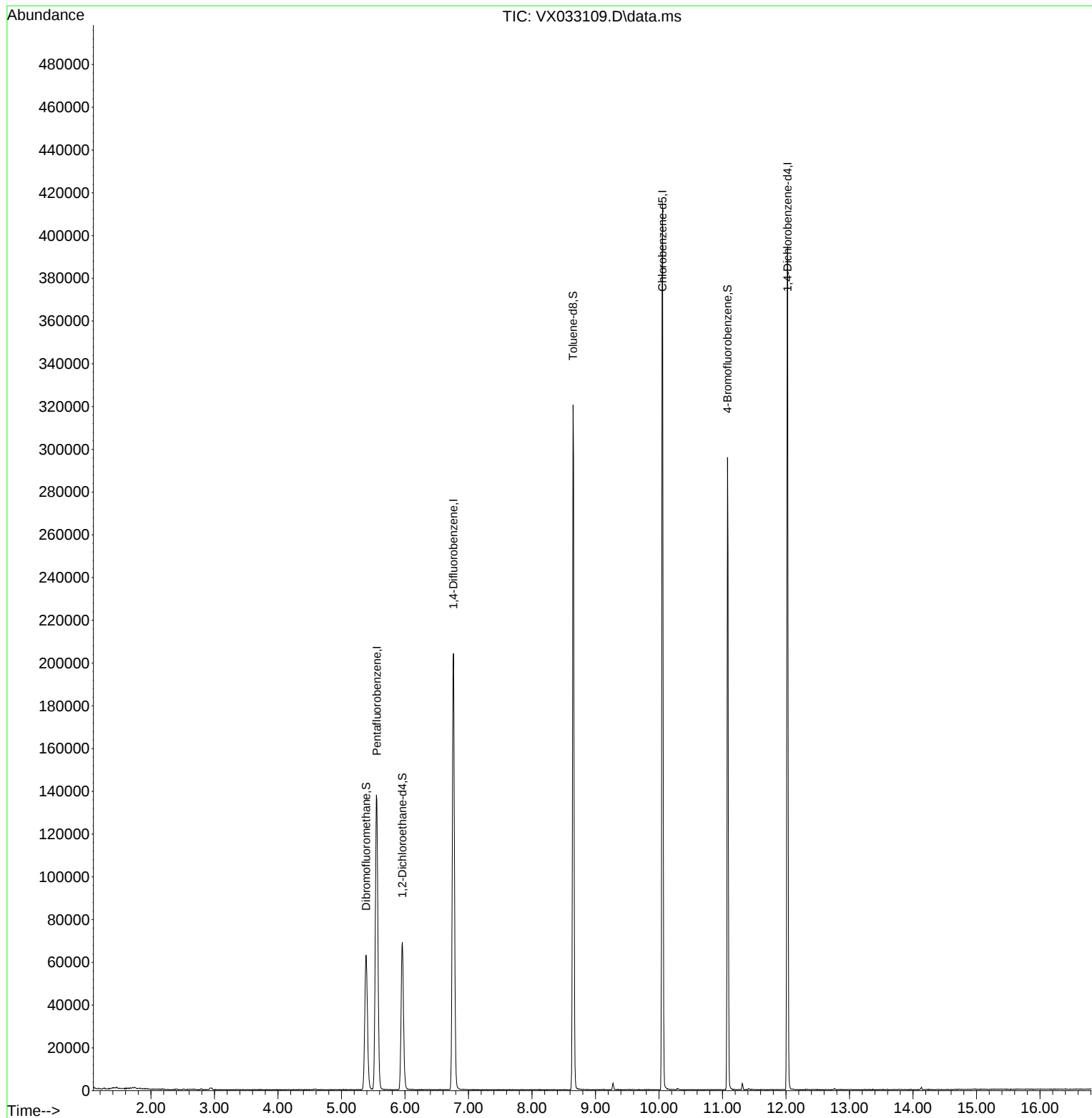
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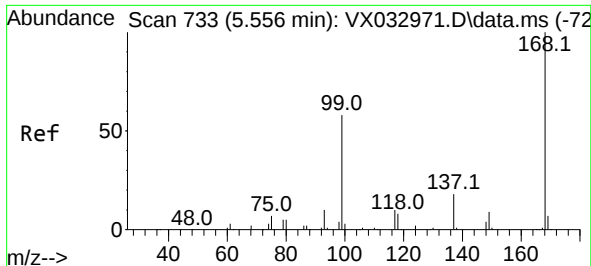
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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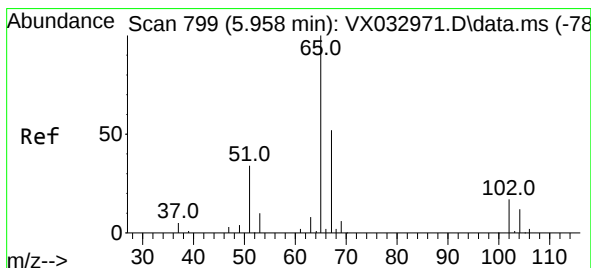
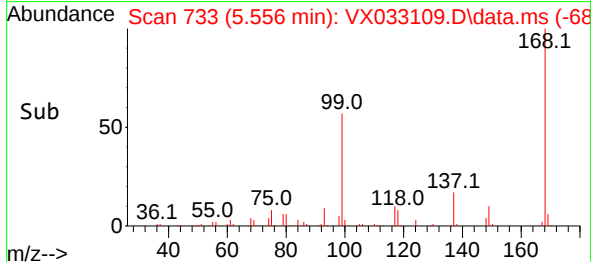
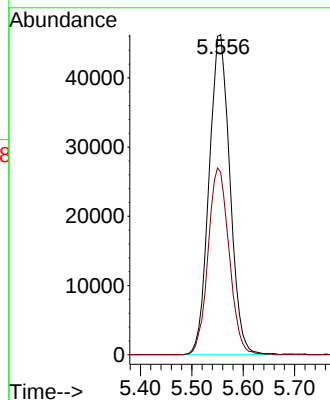
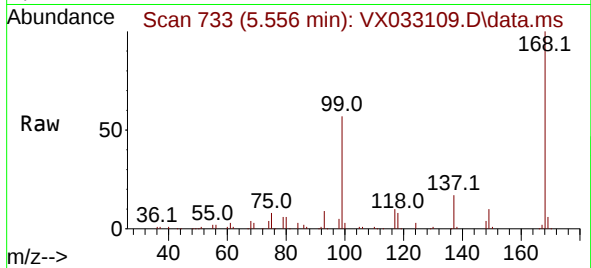




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX033109.D  
Acq: 29 Nov 2022 11:53

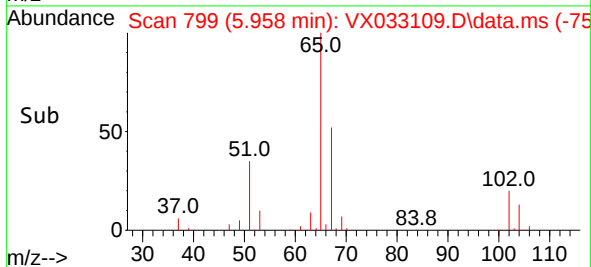
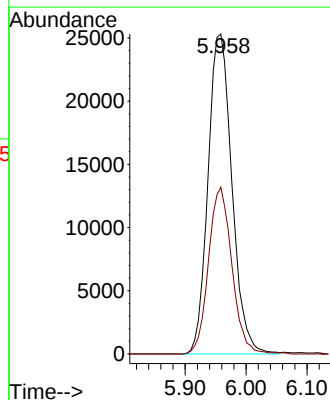
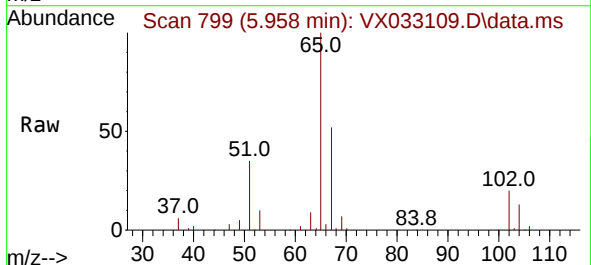
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

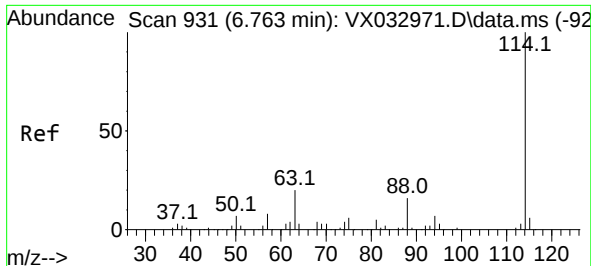
Tgt Ion:168 Resp: 130374  
Ion Ratio Lower Upper  
168 100  
99 57.0 46.1 69.1



#33  
1,2-Dichloroethane-d4  
Concen: 54.558 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX033109.D  
Acq: 29 Nov 2022 11:53

Tgt Ion: 65 Resp: 69140  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 101.8

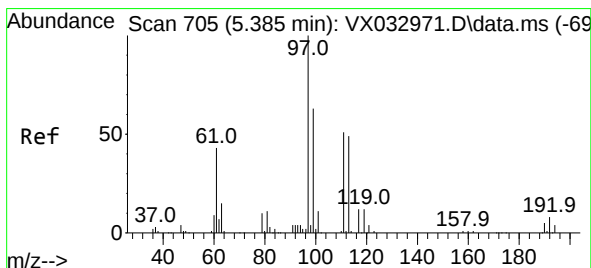
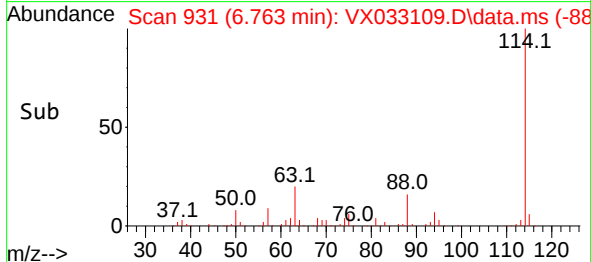
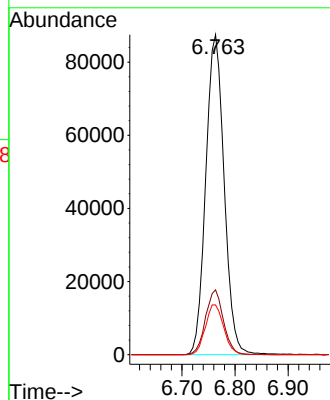
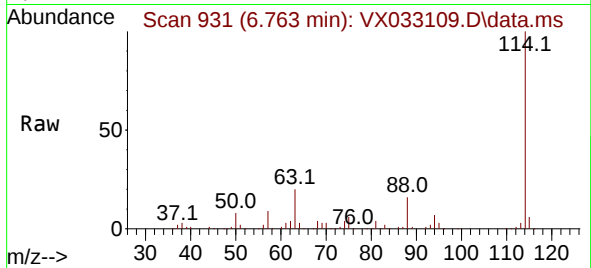




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX033109.D  
Acq: 29 Nov 2022 11:53

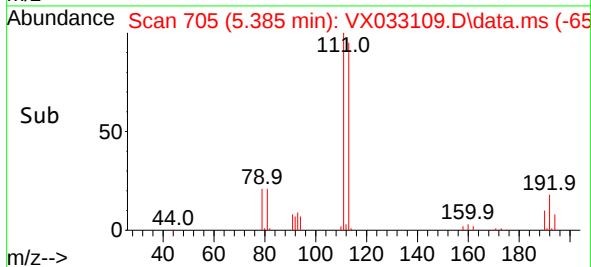
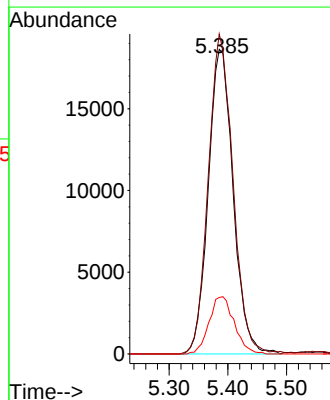
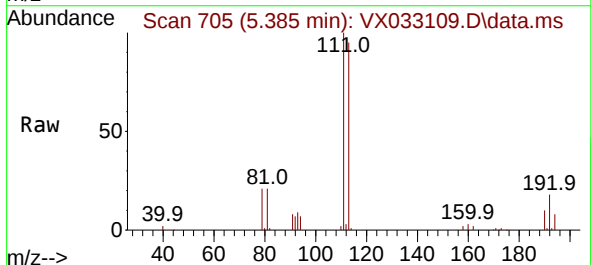
Instrument :  
MSVOA\_X  
ClientSampleId :  
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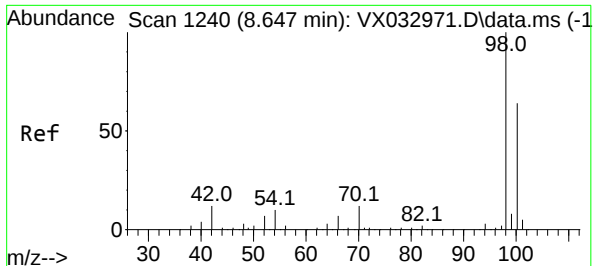
Tgt Ion:114 Resp: 210394  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 41.6  
88 15.5 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 46.189 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX033109.D  
Acq: 29 Nov 2022 11:53

Tgt Ion:113 Resp: 54786  
Ion Ratio Lower Upper  
113 100  
111 104.2 82.4 123.6  
192 19.1 15.4 23.2





#50

Toluene-d8

Concen: 52.615 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033109.D

Acq: 29 Nov 2022 11:53

Instrument :

MSVOA\_X

ClientSampleId :

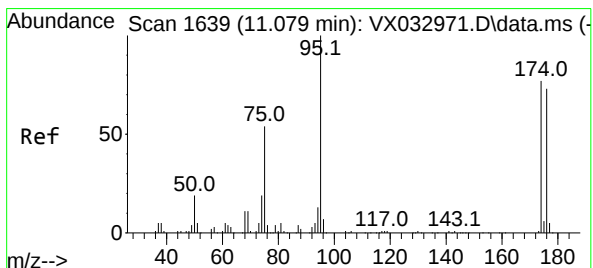
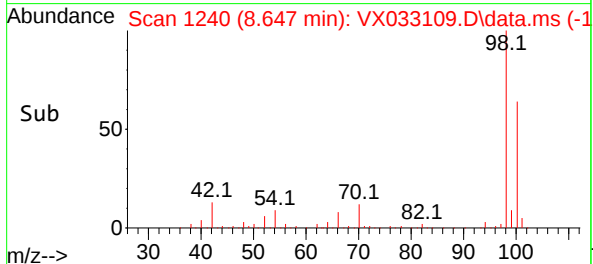
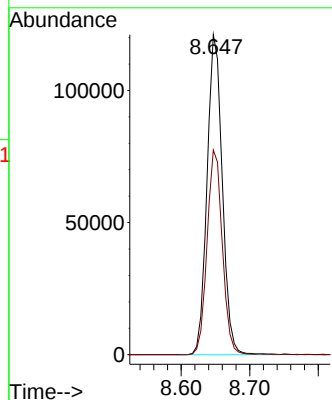
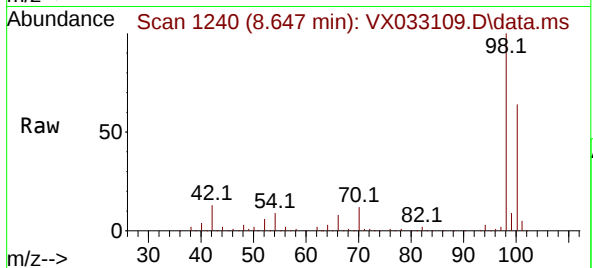
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 187370

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.982 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033109.D

Acq: 29 Nov 2022 11:53

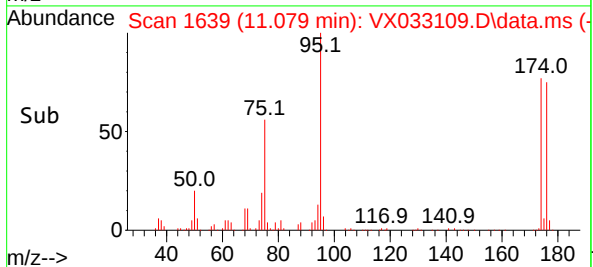
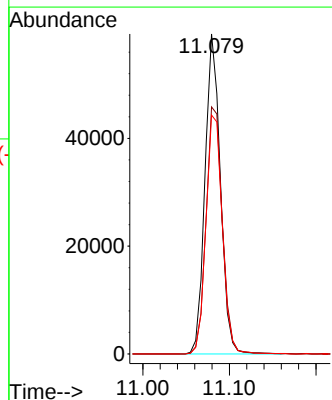
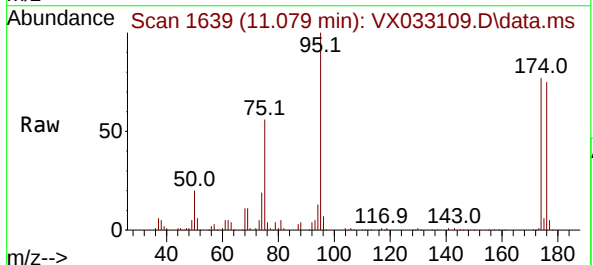
Tgt Ion: 95 Resp: 73203

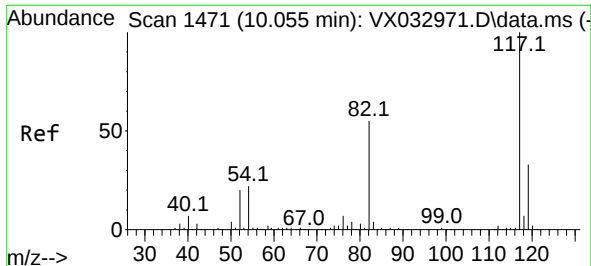
Ion Ratio Lower Upper

95 100

174 81.9 0.0 164.0

176 79.6 0.0 154.4

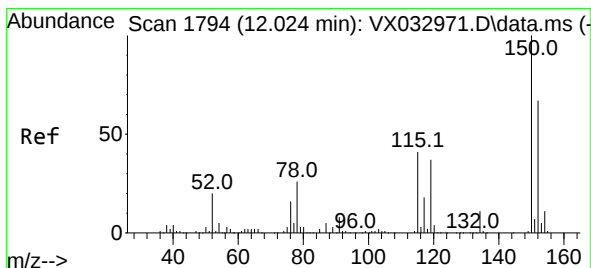
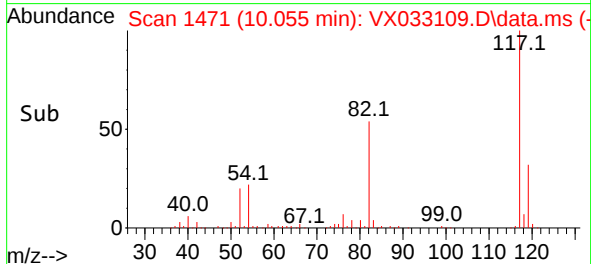
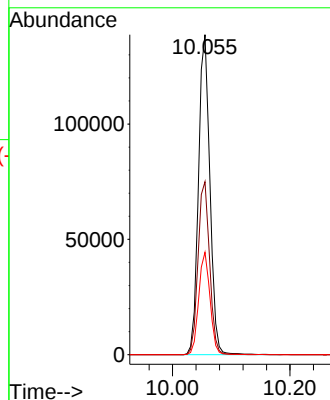
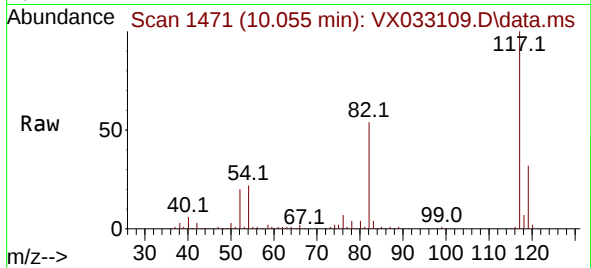




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX033109.D  
Acq: 29 Nov 2022 11:53

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MSVOA\_X  
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Tgt Ion:117 Resp: 186465  
Ion Ratio Lower Upper  
117 100  
82 54.0 44.3 66.5  
119 32.0 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: VX033109.D  
Acq: 29 Nov 2022 11:53

Tgt Ion:152 Resp: 84581  
Ion Ratio Lower Upper  
152 100  
115 60.1 44.0 132.0  
150 156.2 0.0 351.8

