

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031723\  
 Data File : VX034576.D  
 Acq On : 17 Mar 2023 11:55  
 Operator : JC/MD  
 Sample : VX0317WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0317WBL01

Quant Time: Mar 19 23:57:16 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 13 10:29:32 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 241621   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 410881   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 358651   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 152890   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 170054   | 48.378   | ug/l  | 0.01     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 96.760%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 129789   | 47.843   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 95.680%  |
| 50) Toluene-d8              | 8.647  | 98    | 560757   | 55.372   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 110.740% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 186984   | 45.711   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 91.420%  |

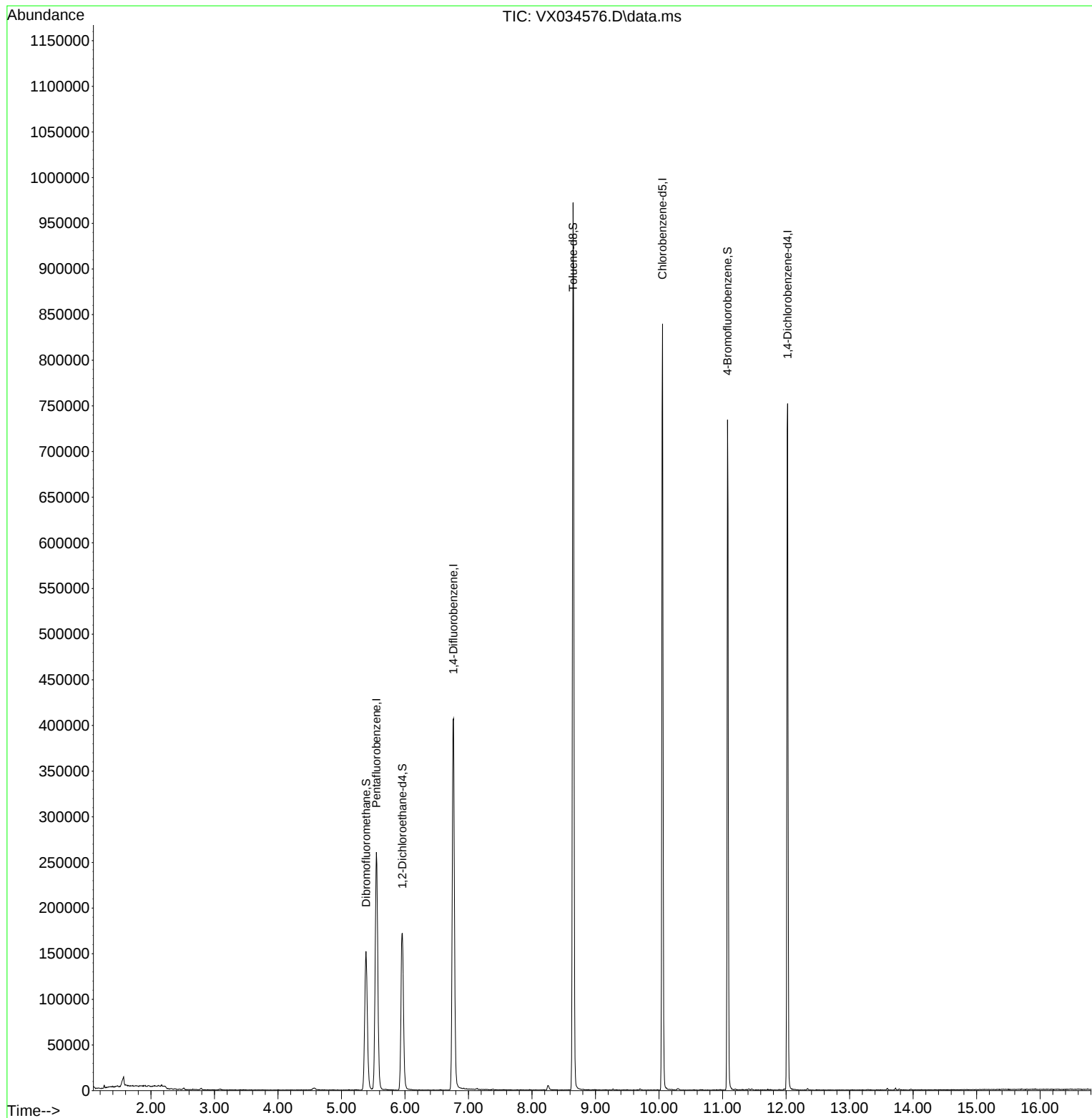
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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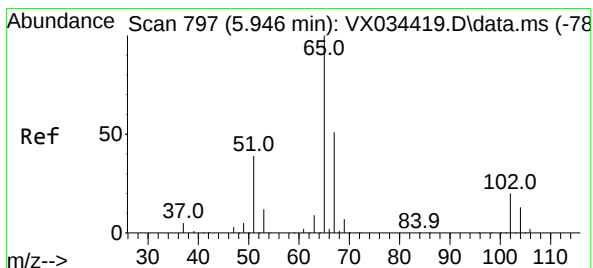
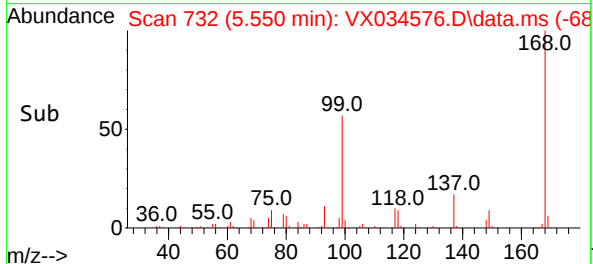
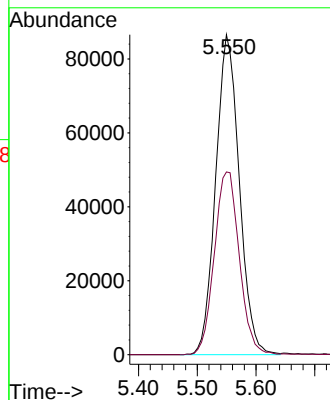
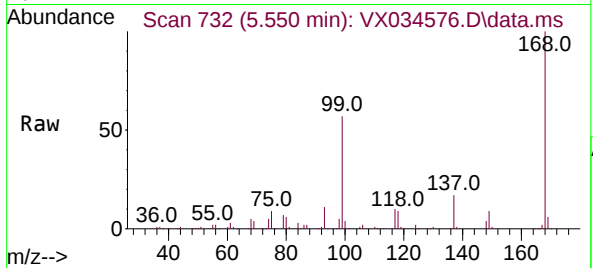




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX034576.D  
Acq: 17 Mar 2023 11:55

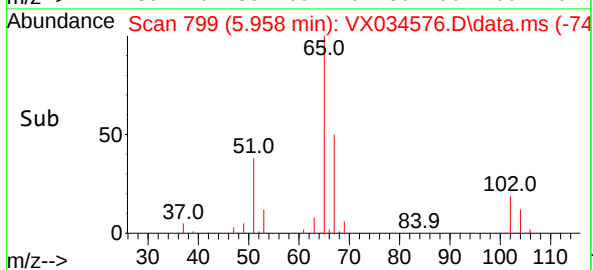
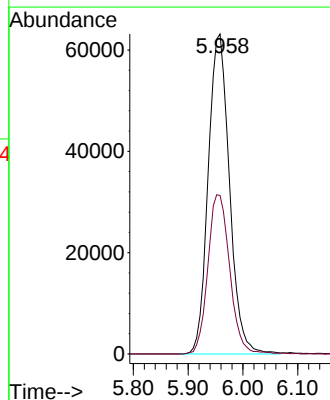
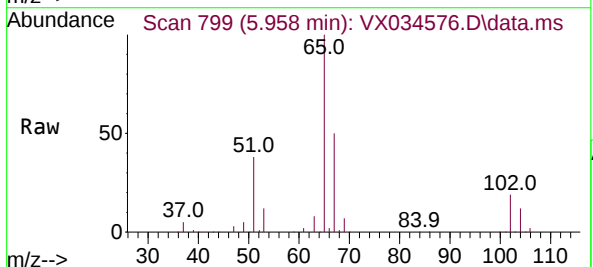
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0317WBL01

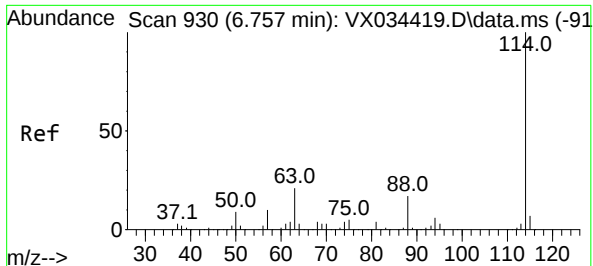
Tgt Ion:168 Resp: 241621  
Ion Ratio Lower Upper  
168 100  
99 57.1 45.7 68.5



#33  
1,2-Dichloroethane-d4  
Concen: 48.378 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.012 min  
Lab File: VX034576.D  
Acq: 17 Mar 2023 11:55

Tgt Ion: 65 Resp: 170054  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034576.D

Acq: 17 Mar 2023 11:55

Instrument :

MSVOA\_X

ClientSampleId :

VX0317WBL01

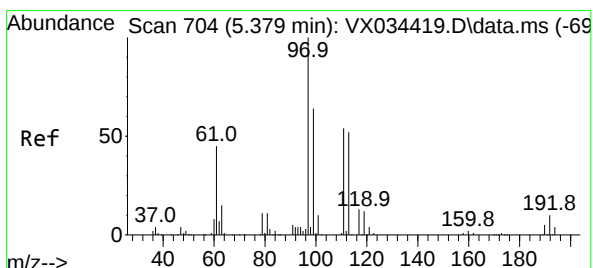
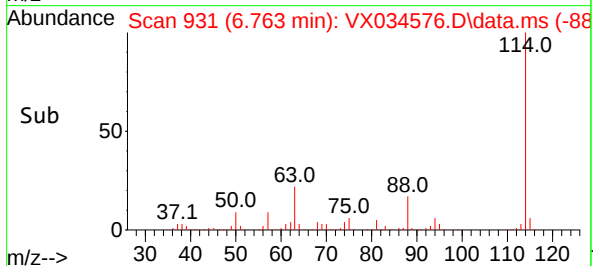
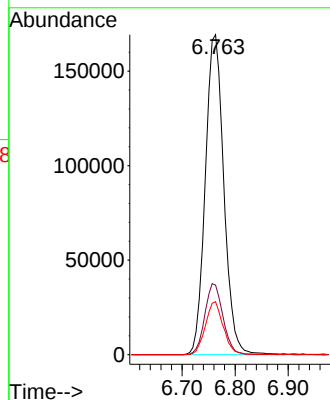
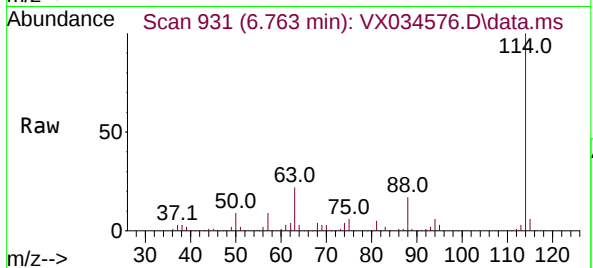
Tgt Ion:114 Resp: 410881

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.2

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.843 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX034576.D

Acq: 17 Mar 2023 11:55

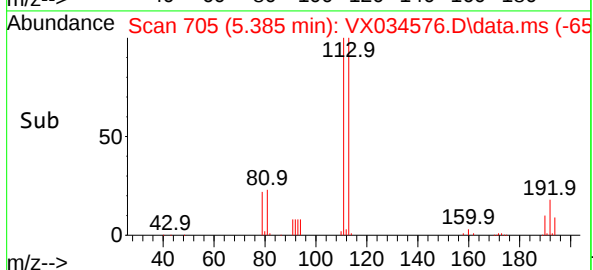
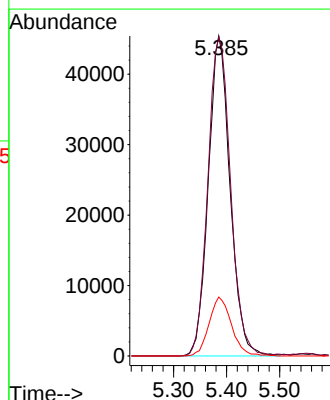
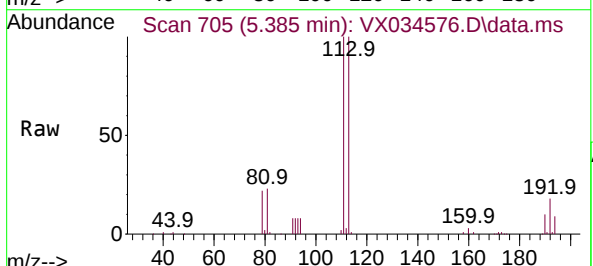
Tgt Ion:113 Resp: 129789

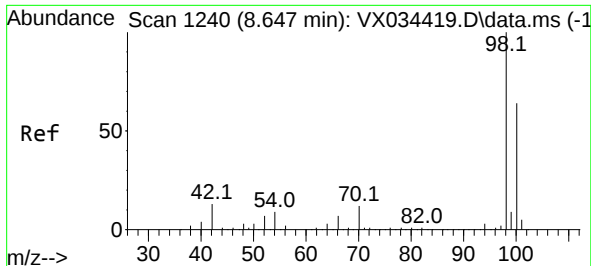
Ion Ratio Lower Upper

113 100

111 103.7 83.7 125.5

192 18.9 15.4 23.2

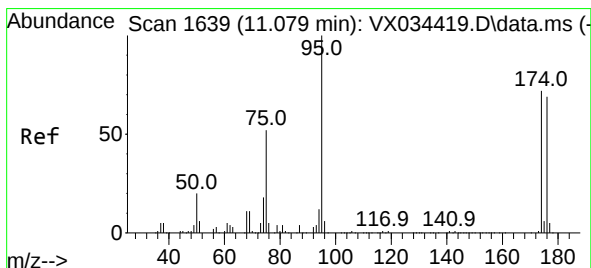
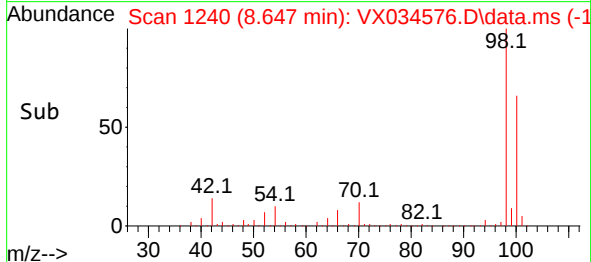
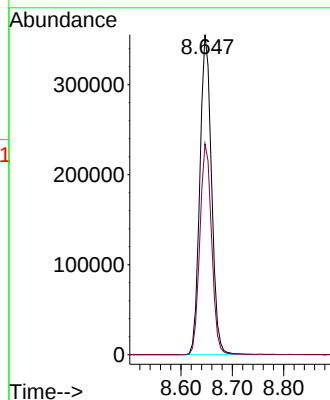
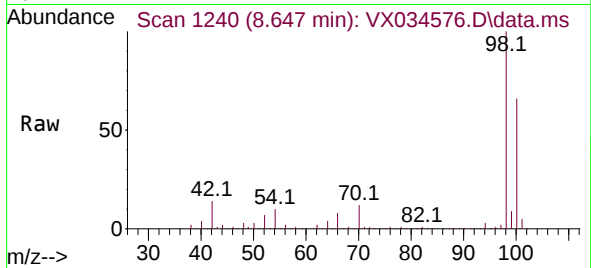




#50  
Toluene-d8  
Concen: 55.372 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034576.D  
Acq: 17 Mar 2023 11:55

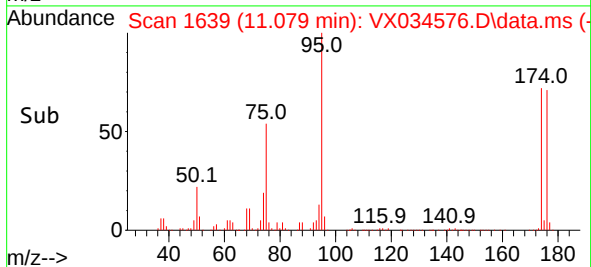
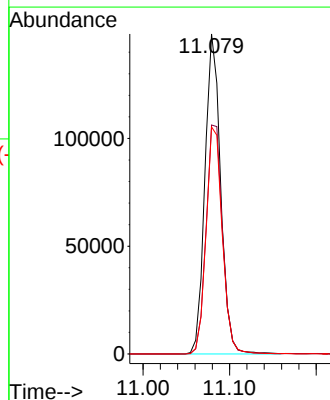
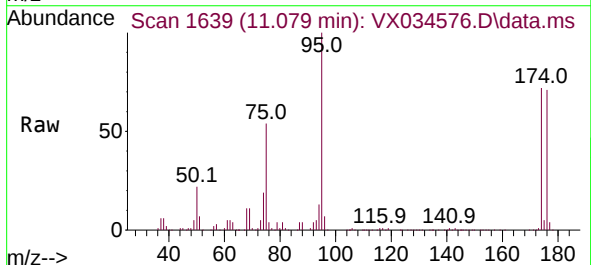
Instrument :  
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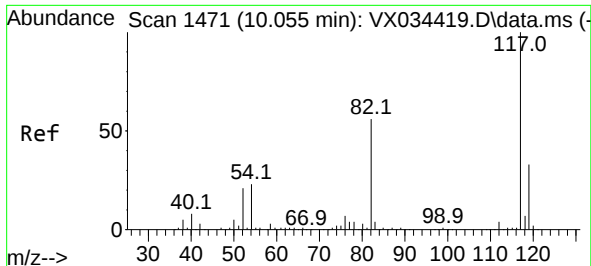
Tgt Ion: 98 Resp: 560757  
Ion Ratio Lower Upper  
98 100  
100 66.3 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 45.711 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX034576.D  
Acq: 17 Mar 2023 11:55

Tgt Ion: 95 Resp: 186984  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 147.4  
176 73.4 0.0 140.6

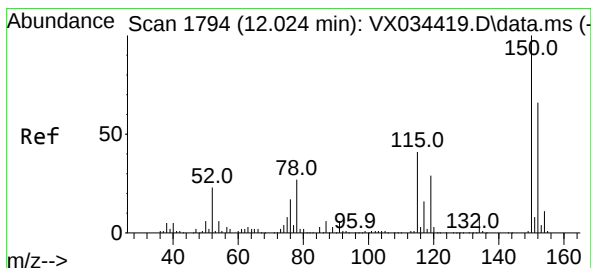
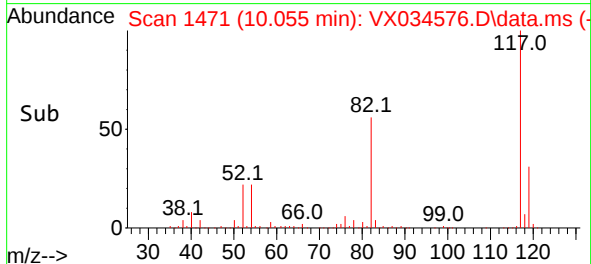
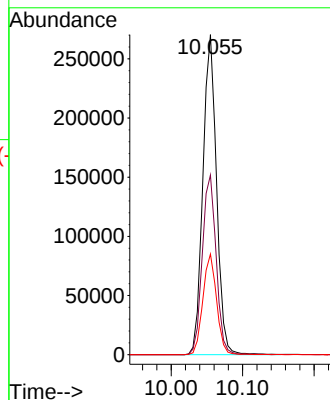
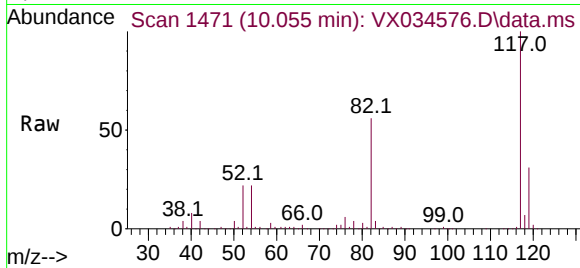




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX034576.D  
Acq: 17 Mar 2023 11:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0317WBL01

Tgt Ion:117 Resp: 358651  
Ion Ratio Lower Upper  
117 100  
82 56.2 45.0 67.4  
119 31.4 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: VX034576.D  
Acq: 17 Mar 2023 11:55

Tgt Ion:152 Resp: 152890  
Ion Ratio Lower Upper  
152 100  
115 60.5 45.0 135.0  
150 156.8 0.0 352.4

