

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102924\  
 Data File : VX043585.D  
 Acq On : 29 Oct 2024 10:31  
 Operator : JC/MD  
 Sample : VX1029WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1029WBL01

Quant Time: Oct 30 01:26:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 28 13:41:34 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 160199   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 295395   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 265502   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 128354   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 110928   | 43.426   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 86.860%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 91054    | 45.457   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 90.920%  |
| 50) Toluene-d8              | 8.647  | 98    | 350111   | 50.493   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 100.980% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 129946   | 50.575   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 101.160% |

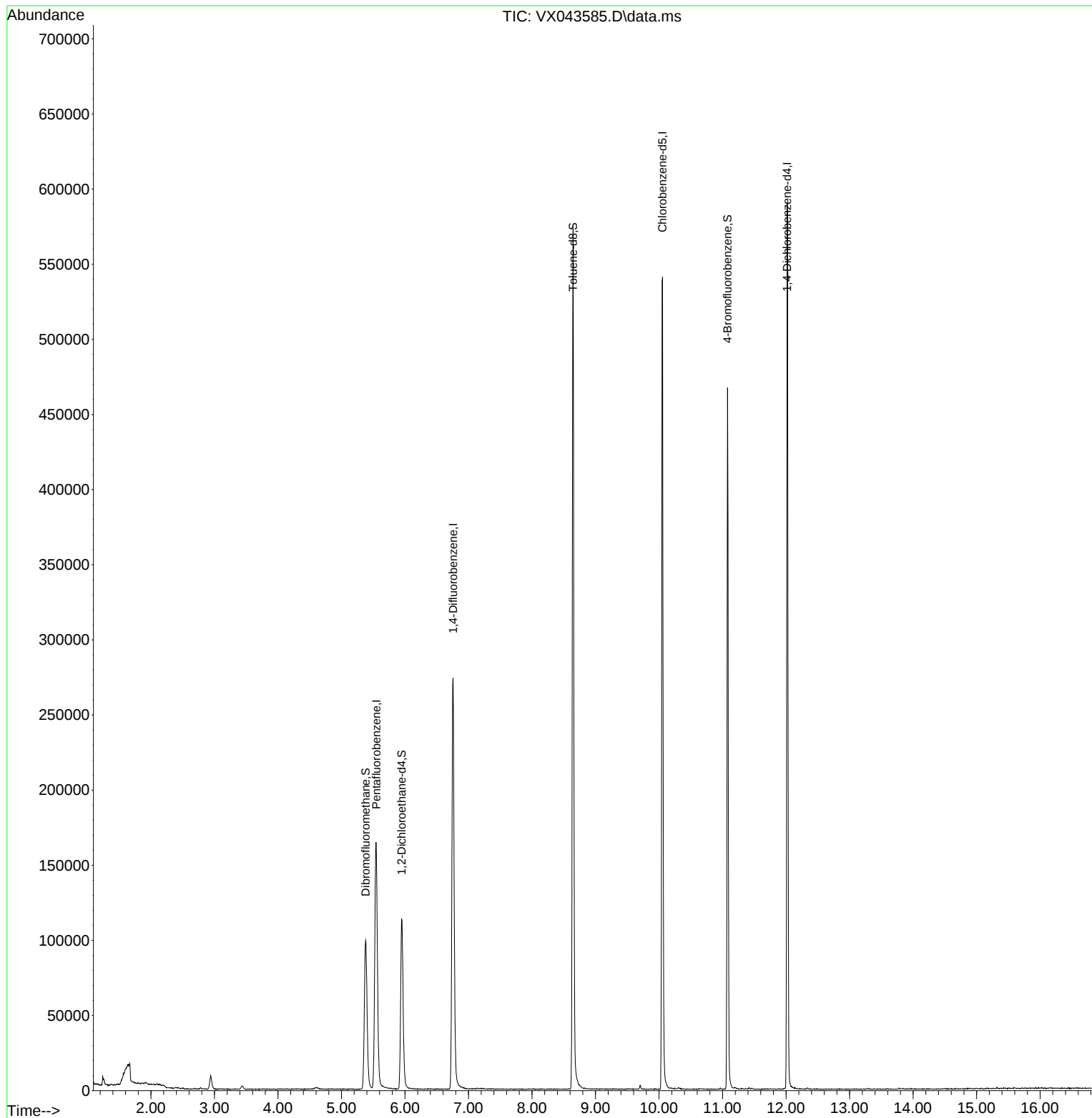
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

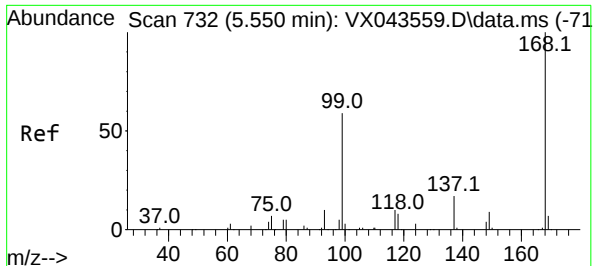
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 28 13:41:34 2024  
Response via : Initial Calibration

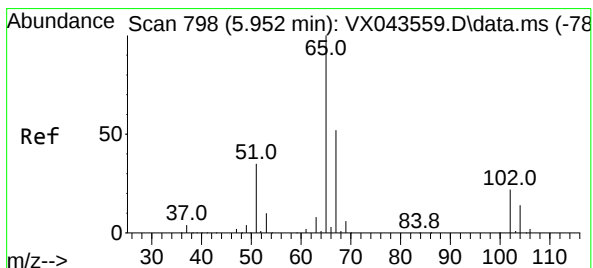
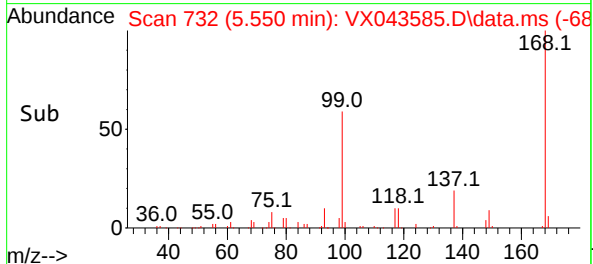
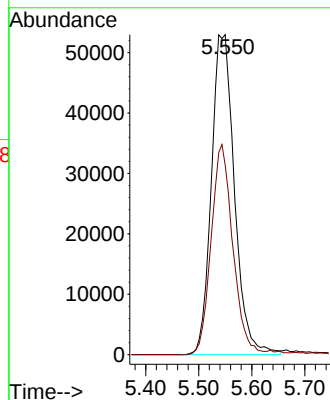
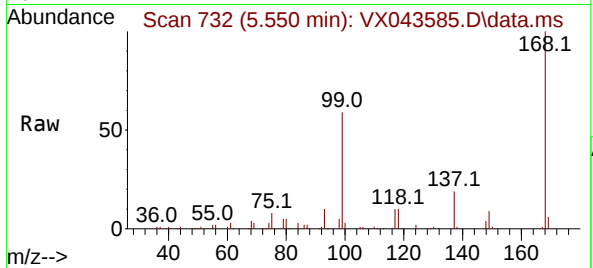




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

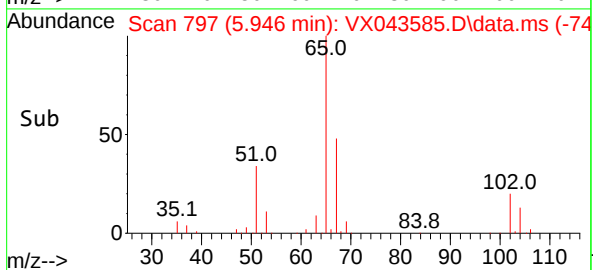
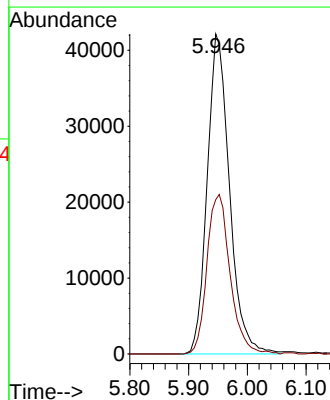
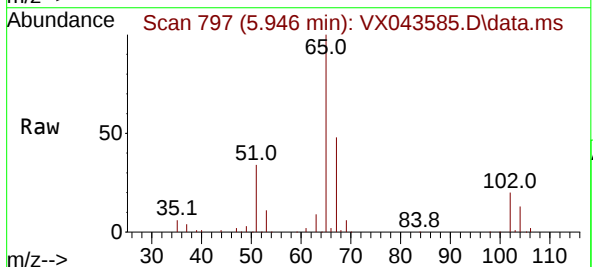
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBL01

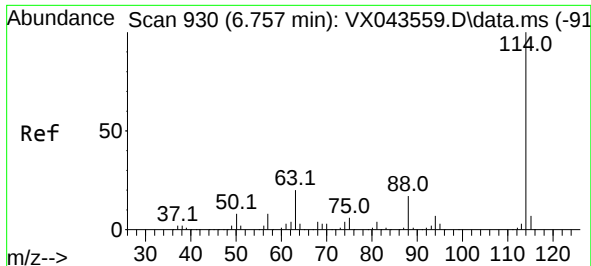
Tgt Ion:168 Resp: 160199  
Ion Ratio Lower Upper  
168 100  
99 59.3 52.6 78.8



#33  
1,2-Dichloroethane-d4  
Concen: 43.426 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

Tgt Ion: 65 Resp: 110928  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 103.4

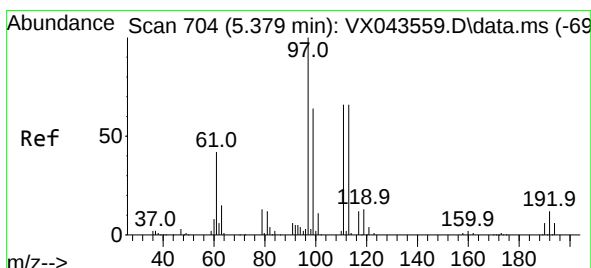
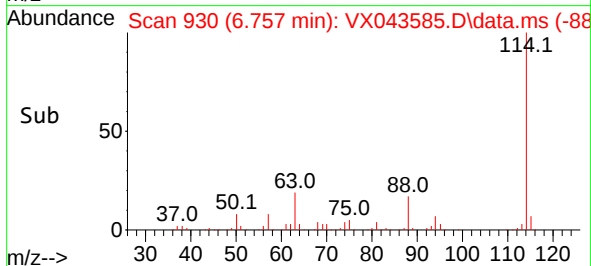
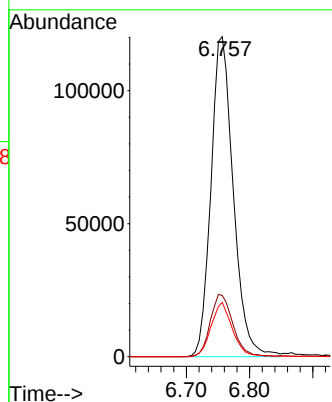
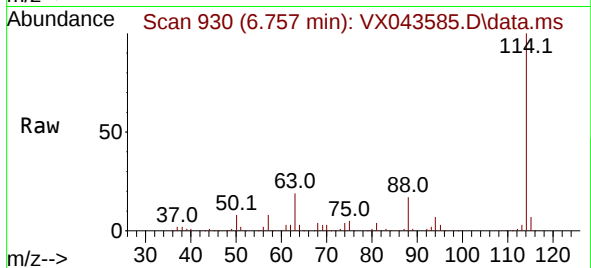




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

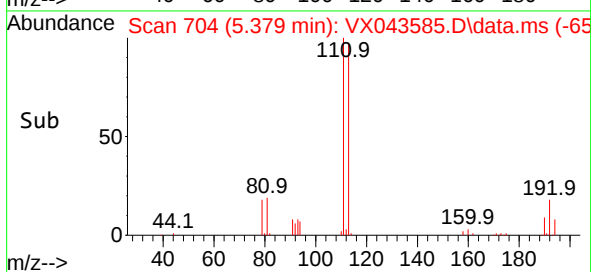
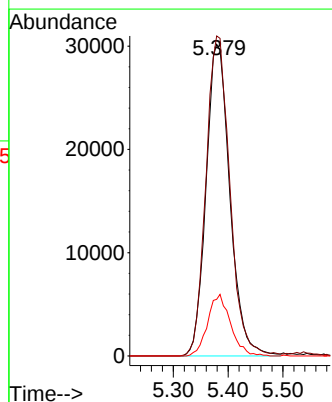
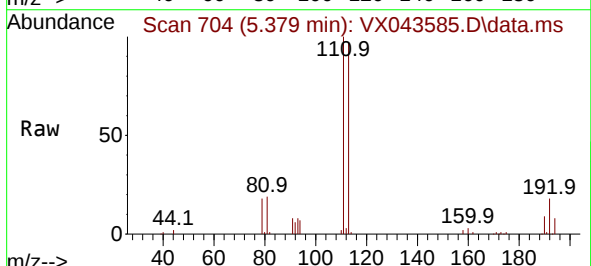
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBL01

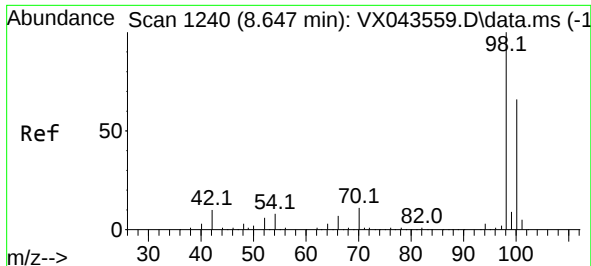
Tgt Ion:114 Resp: 295395  
Ion Ratio Lower Upper  
114 100  
63 19.1 0.0 41.2  
88 17.0 0.0 34.0



#35  
Dibromofluoromethane  
Concen: 45.457 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

Tgt Ion:113 Resp: 91054  
Ion Ratio Lower Upper  
113 100  
111 103.0 81.4 122.0  
192 19.0 14.1 21.1

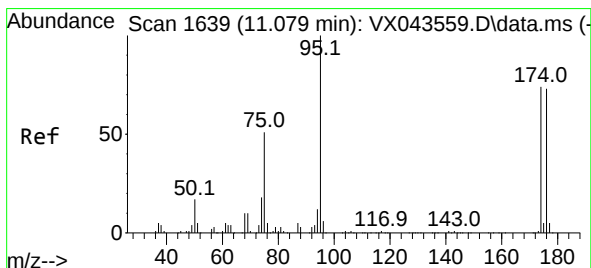
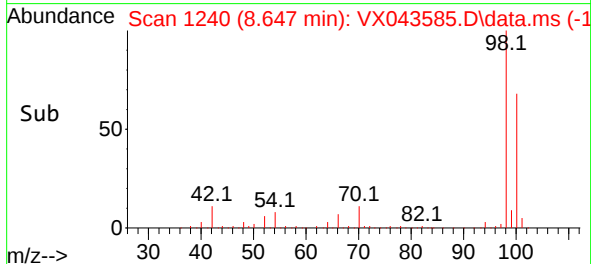
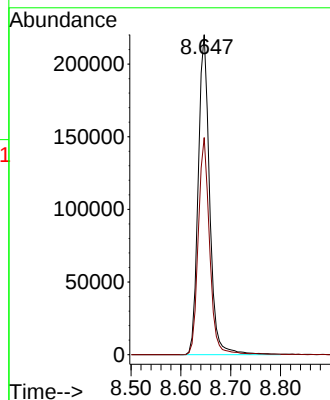
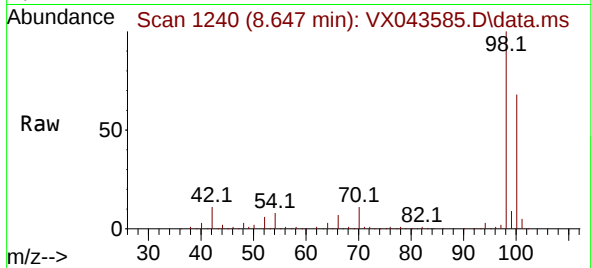




#50  
Toluene-d8  
Concen: 50.493 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

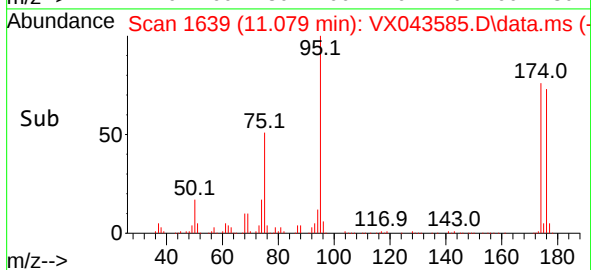
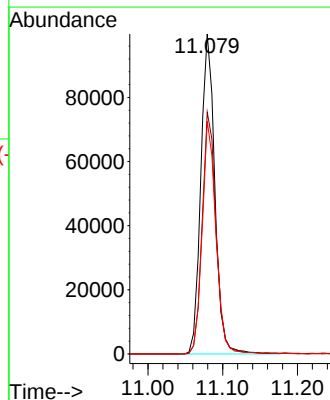
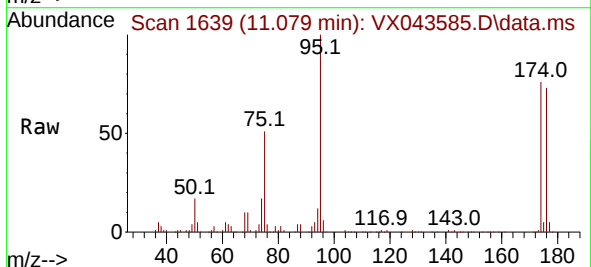
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1029WBL01

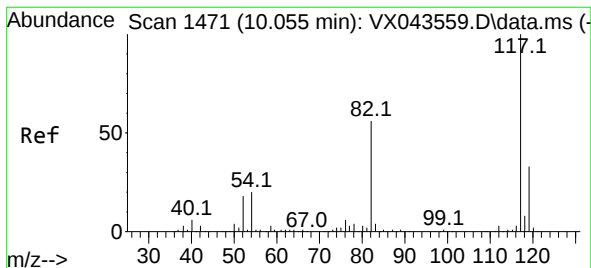
Tgt Ion: 98 Resp: 350111  
Ion Ratio Lower Upper  
98 100  
100 67.0 53.4 80.2



#62  
4-Bromofluorobenzene  
Concen: 50.575 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX043585.D  
Acq: 29 Oct 2024 10:31

Tgt Ion: 95 Resp: 129946  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 146.6  
176 71.3 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043585.D

Acq: 29 Oct 2024 10:31

Instrument :

MSVOA\_X

ClientSampleId :

VX1029WBL01

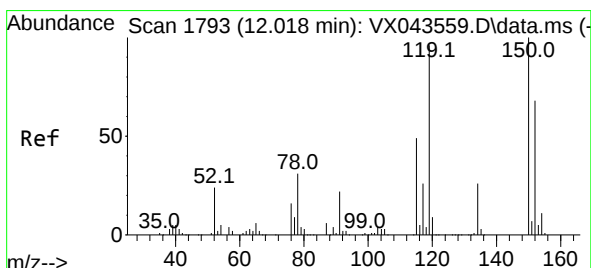
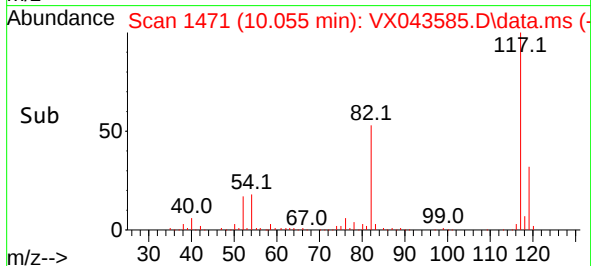
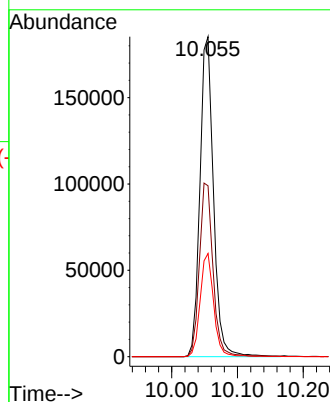
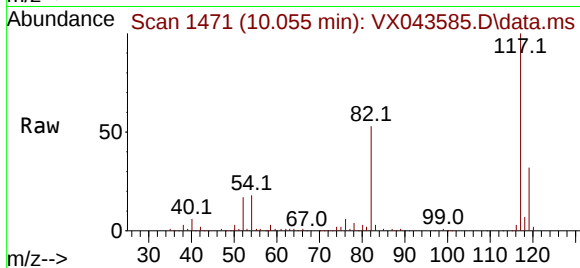
Tgt Ion:117 Resp: 265502

Ion Ratio Lower Upper

117 100

82 53.4 42.1 63.1

119 32.3 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX043585.D

Acq: 29 Oct 2024 10:31

Tgt Ion:152 Resp: 128354

Ion Ratio Lower Upper

152 100

115 60.1 42.9 128.7

150 156.4 0.0 343.6

