

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021224\  
 Data File : VX040186.D  
 Acq On : 12 Feb 2024 10:00  
 Operator : JC/MD  
 Sample : VX0212MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0212MBL01

Quant Time: Feb 12 14:21:21 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 12 00:21:14 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 88585    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 146257   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 143611   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 72842    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 55088    | 41.800   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 83.600% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 46667    | 45.690   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 91.380% |
| 50) Toluene-d8              | 8.647  | 98    | 179921   | 47.091   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 94.180% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 72289    | 46.392   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 92.780% |

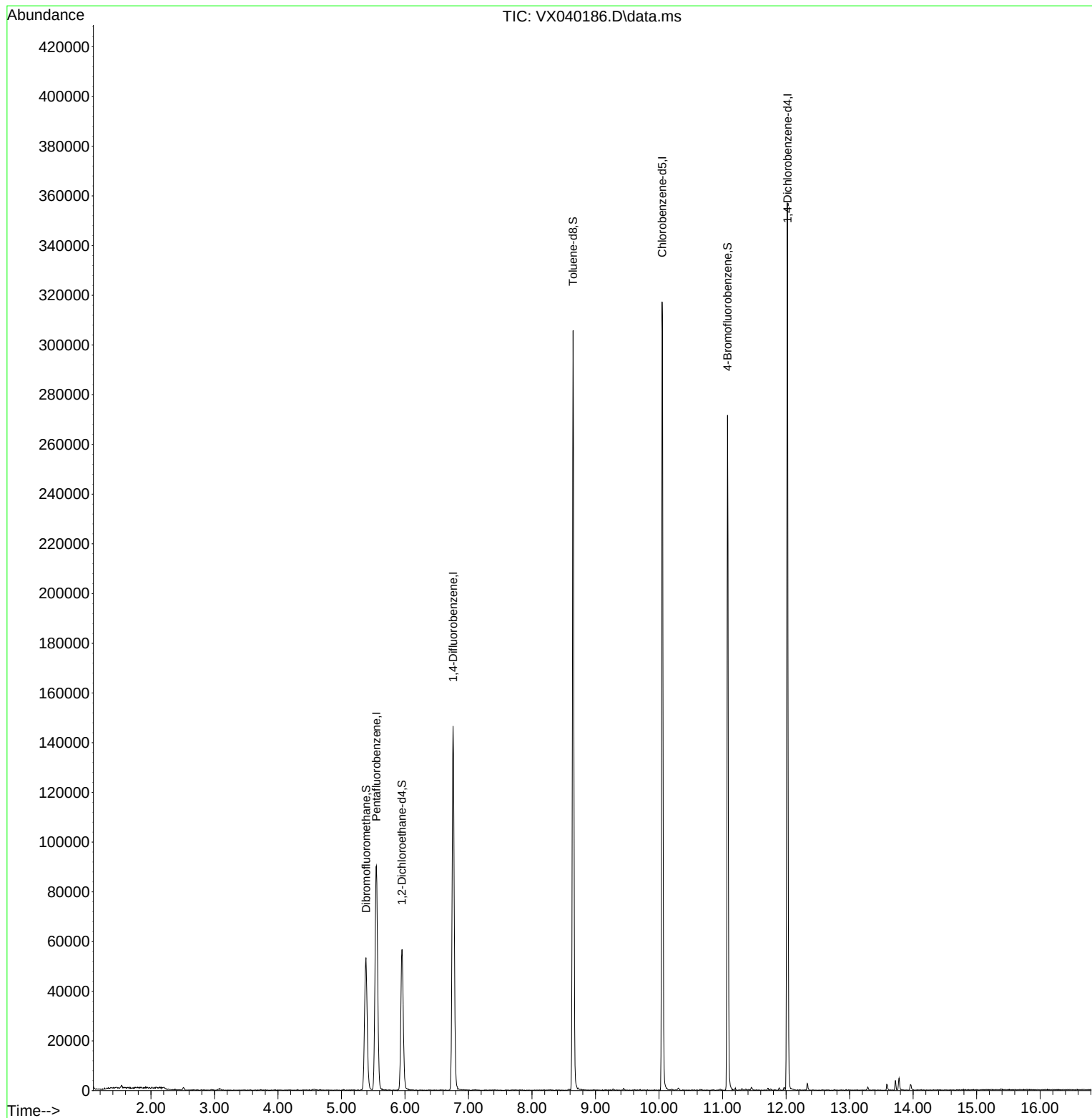
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

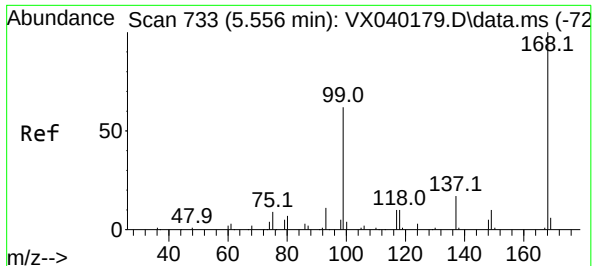
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VX0212MBL01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0212MBL01

Quant Time: Feb 12 14:21:21 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 12 00:21:14 2024  
Response via : Initial Calibration

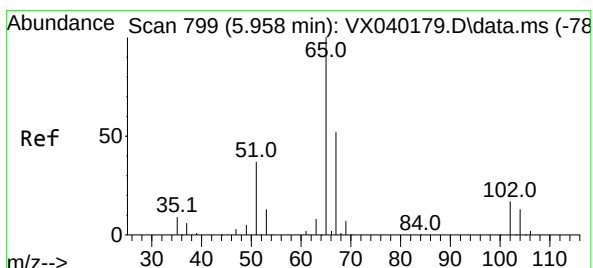
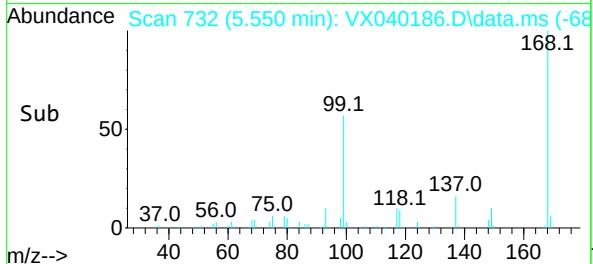
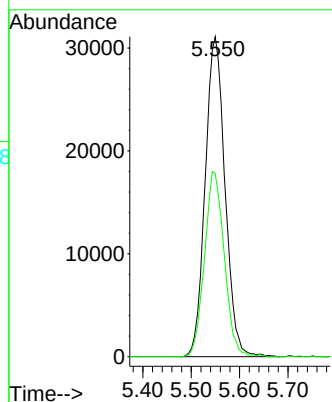
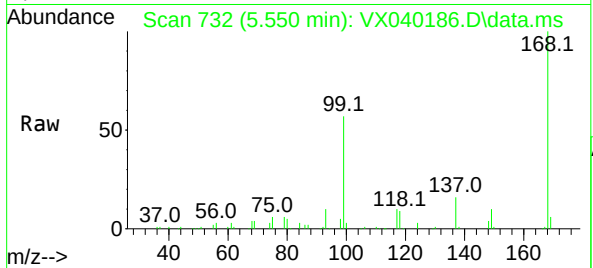




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040186.D  
Acq: 12 Feb 2024 10:00

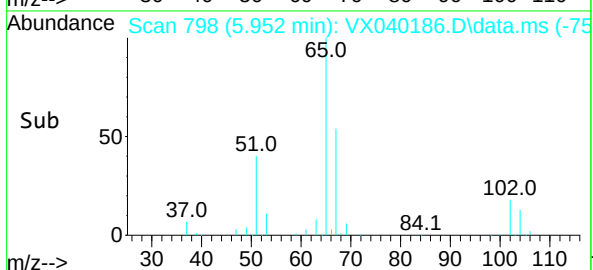
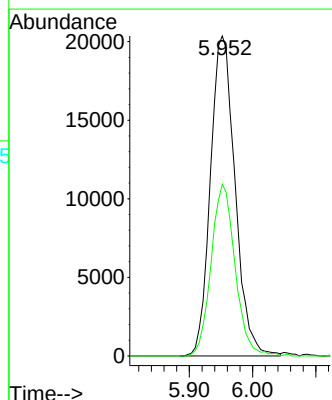
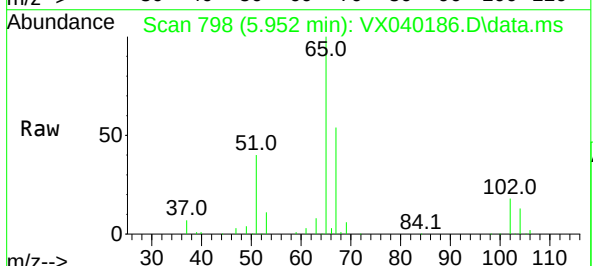
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0212MBL01

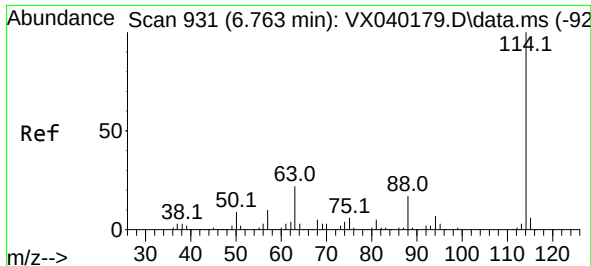
Tgt Ion:168 Resp: 88585  
Ion Ratio Lower Upper  
168 100  
99 57.2 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 41.800 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX040186.D  
Acq: 12 Feb 2024 10:00

Tgt Ion: 65 Resp: 55088  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 100.2

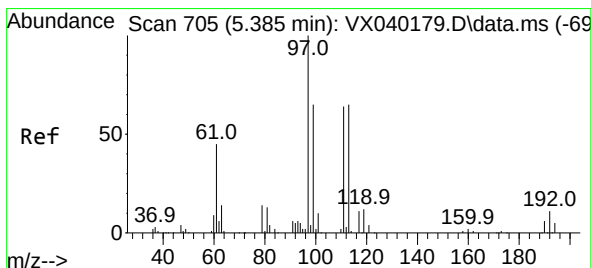
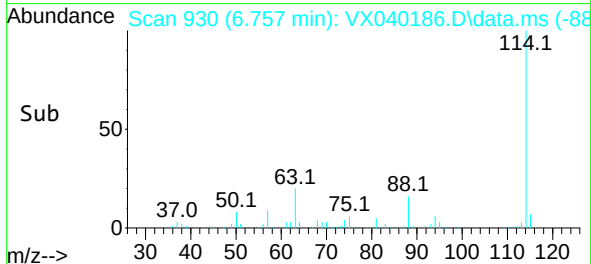
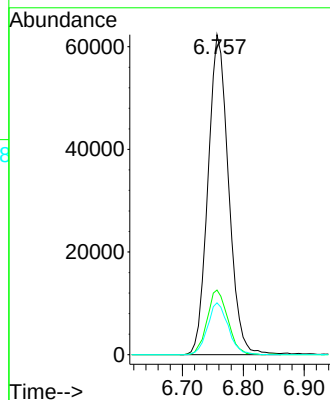
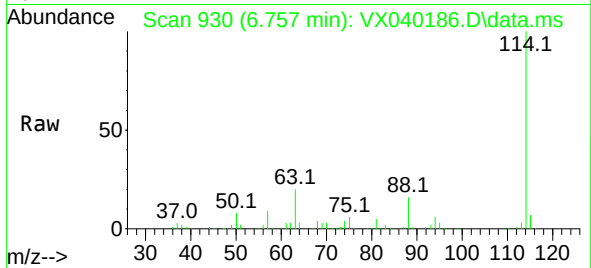




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VX040186.D  
Acq: 12 Feb 2024 10:00

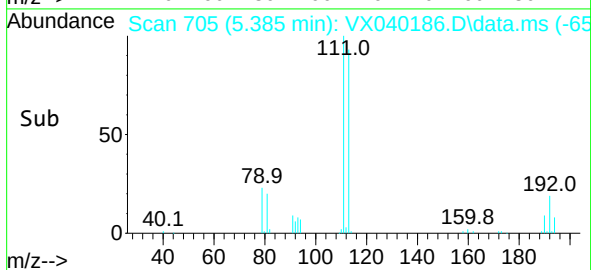
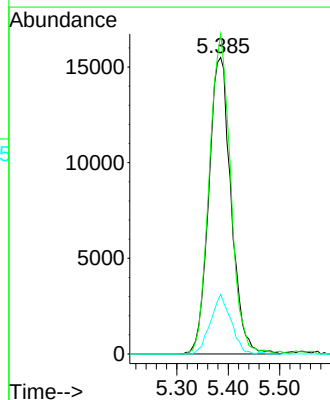
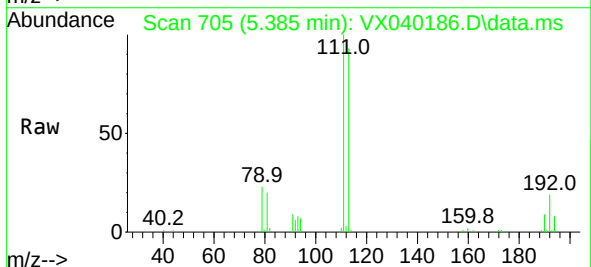
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0212MBL01

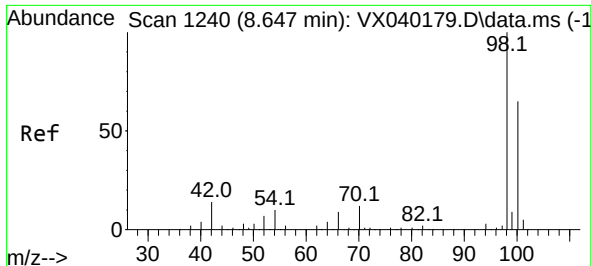
Tgt Ion:114 Resp: 146257  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 45.0  
88 16.2 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 45.690 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040186.D  
Acq: 12 Feb 2024 10:00

Tgt Ion:113 Resp: 46667  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.9 124.3  
192 18.4 13.3 19.9

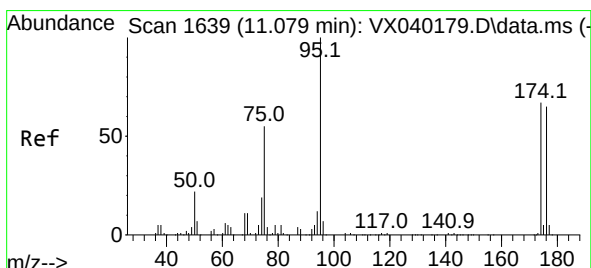
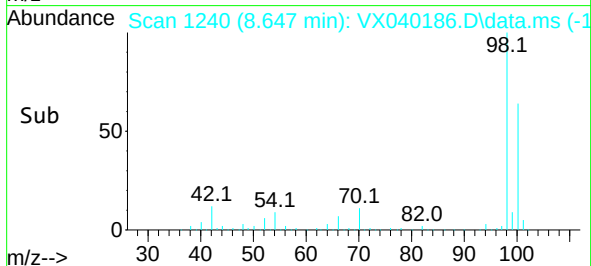
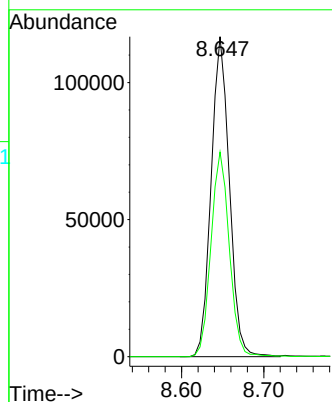
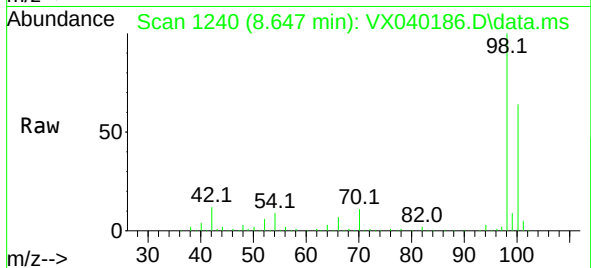




#50  
Toluene-d8  
Concen: 47.091 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX040186.D  
Acq: 12 Feb 2024 10:00

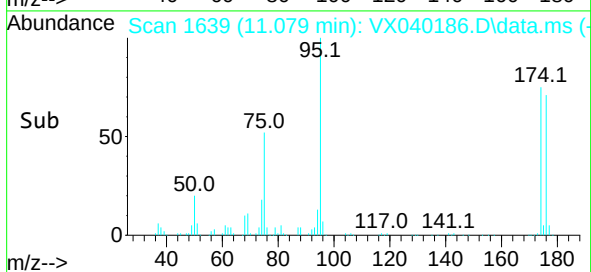
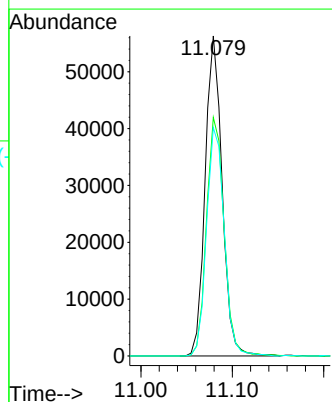
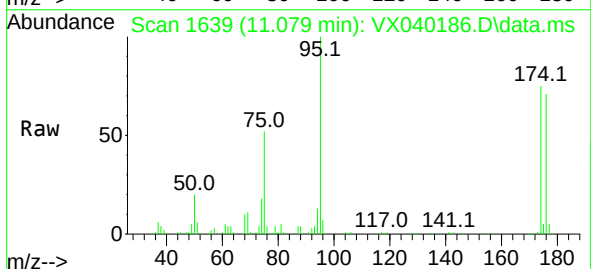
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0212MBL01

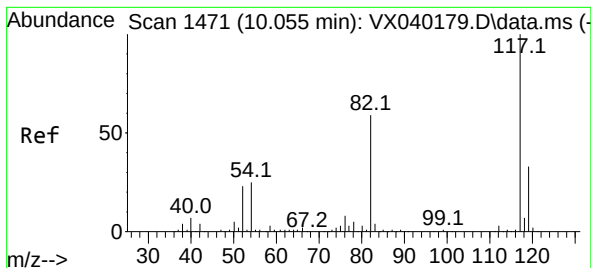
Tgt Ion: 98 Resp: 179921  
Ion Ratio Lower Upper  
98 100  
100 64.3 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 46.392 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040186.D  
Acq: 12 Feb 2024 10:00

Tgt Ion: 95 Resp: 72289  
Ion Ratio Lower Upper  
95 100  
174 77.5 0.0 135.6  
176 74.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX040186.D

Acq: 12 Feb 2024 10:00

Instrument :

MSVOA\_X

ClientSampleId :

VX0212MBL01

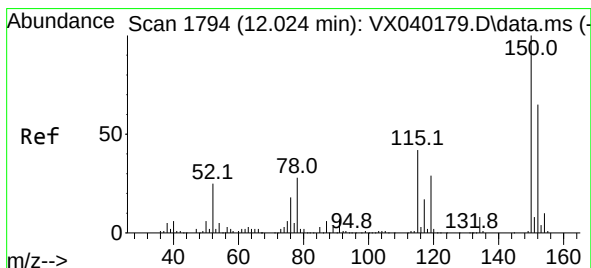
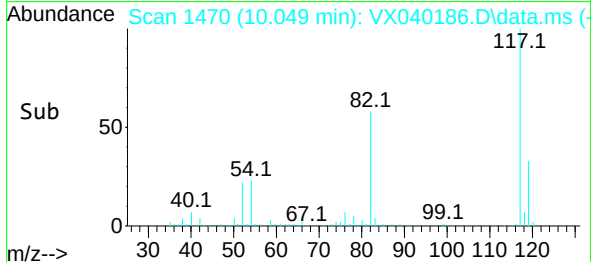
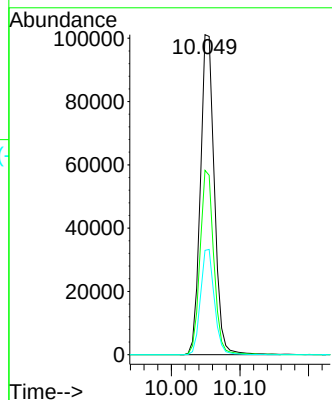
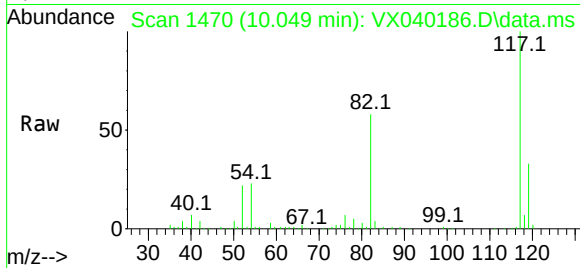
Tgt Ion:117 Resp: 143611

Ion Ratio Lower Upper

117 100

82 57.6 46.2 69.4

119 32.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX040186.D

Acq: 12 Feb 2024 10:00

Tgt Ion:152 Resp: 72842

Ion Ratio Lower Upper

152 100

115 61.3 43.3 129.9

150 160.4 0.0 345.0

