

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122324\  
 Data File : VX044468.D  
 Acq On : 23 Dec 2024 09:46  
 Operator : JC/MD  
 Sample : VX1223WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1223WBL01

Quant Time: Dec 23 21:52:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 12 04:28:14 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.544  | 168   | 153955   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 275095   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 235868   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 97837    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 112940   | 41.840   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 83.680%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 88948    | 46.685   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 93.360%  |
| 50) Toluene-d8              | 8.647  | 98    | 329117   | 51.201   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 102.400% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 102939   | 45.831   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =     | 91.660%  |

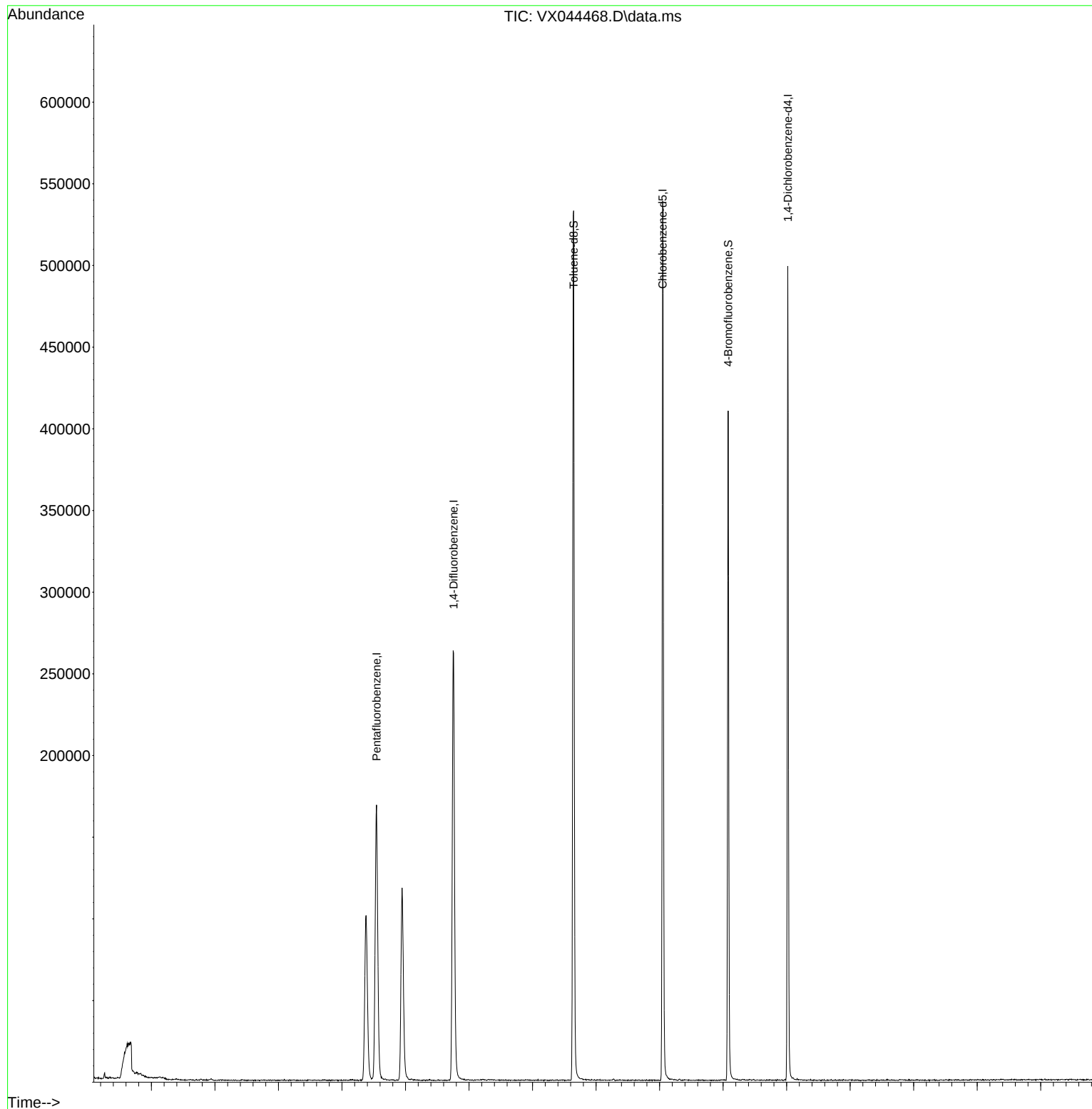
Target Compounds Qvalue

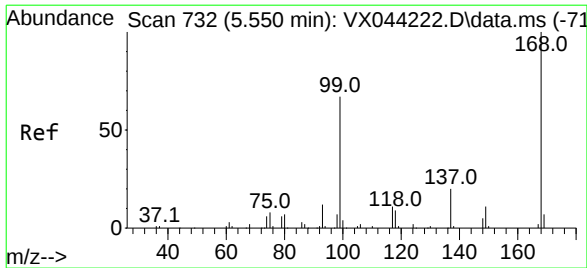
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
VX1223WBL01

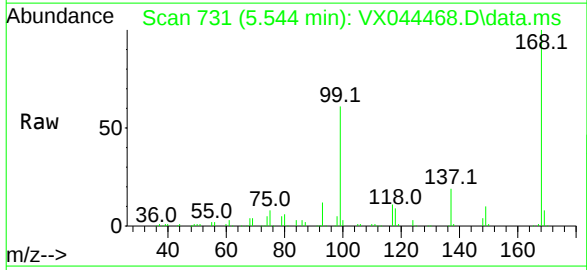
Quant Time: Dec 23 21:52:01 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 12 04:28:14 2024  
Response via : Initial Calibration



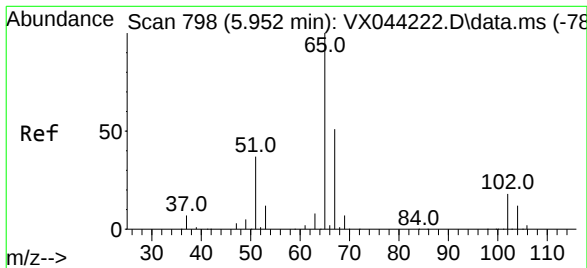
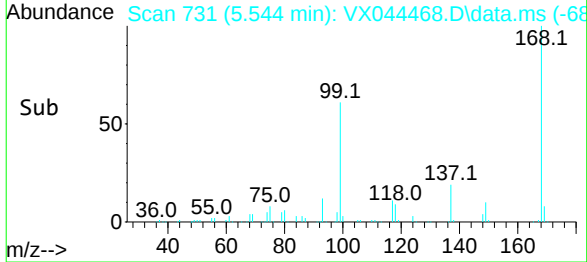
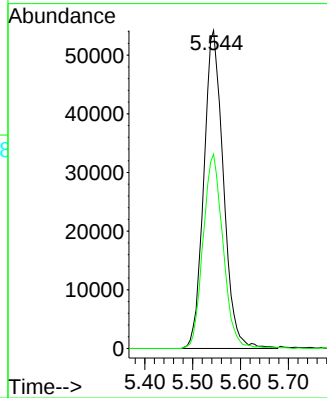


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: VX044468.D  
Acq: 23 Dec 2024 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1223WBL01

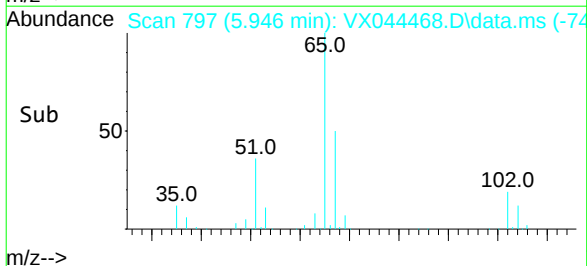
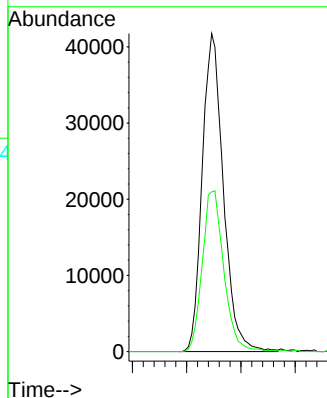
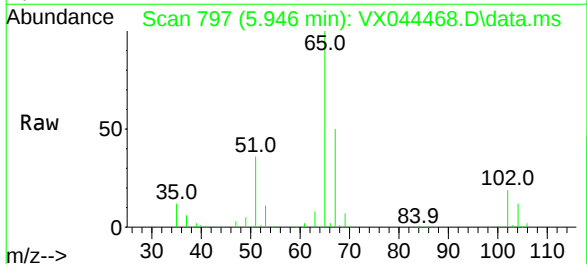


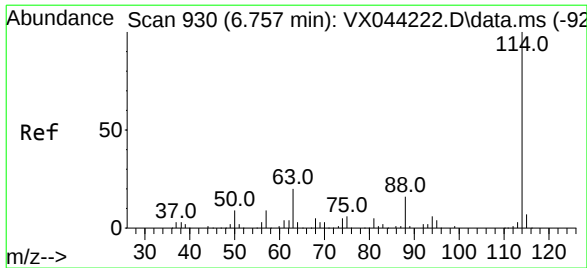
Tgt Ion:168 Resp: 153955  
Ion Ratio Lower Upper  
168 100  
99 61.1 53.4 80.0



#33  
1,2-Dichloroethane-d4  
Concen: 41.840 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: VX044468.D  
Acq: 23 Dec 2024 09:46

Tgt Ion: 65 Resp: 112940  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 101.6

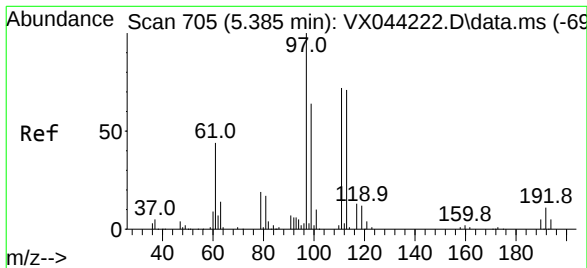
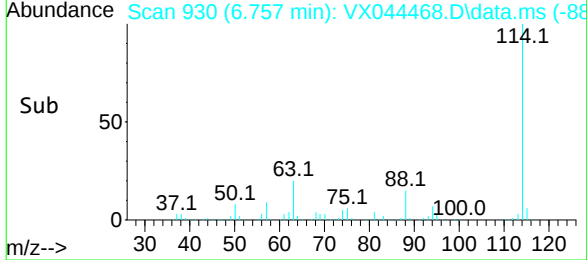
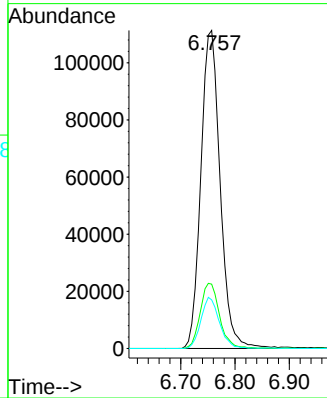
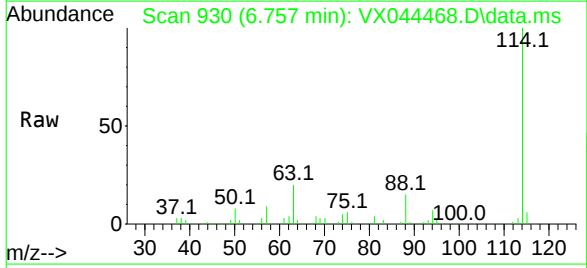




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 93  
Delta R.T. -0.000 min  
Lab File: VX044468.D  
Acq: 23 Dec 2024 09:46

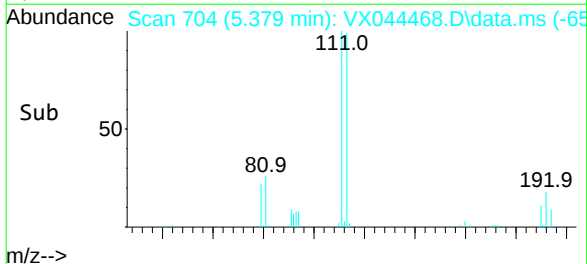
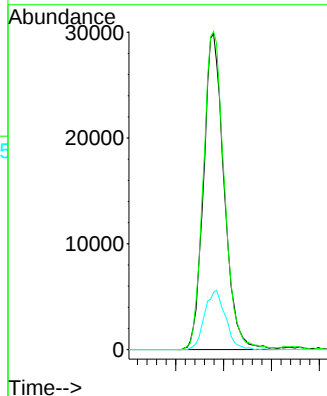
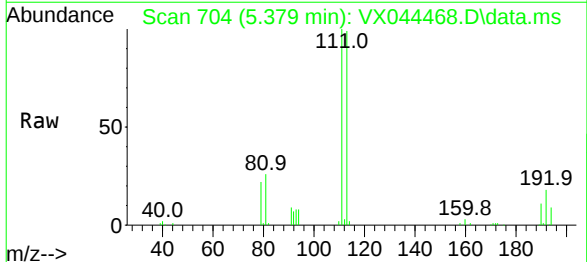
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1223WBL01

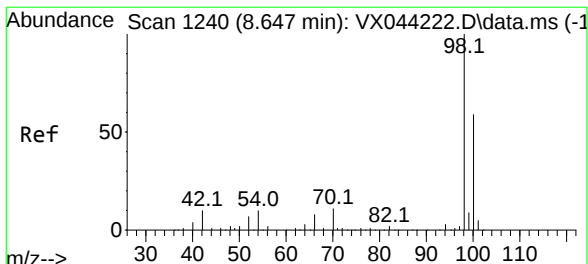
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 275095 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 20.2  | 0.0   | 40.6   |
| 88       | 15.3  | 0.0   | 31.8   |



#35  
Dibromofluoromethane  
Concen: 46.685 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX044468.D  
Acq: 23 Dec 2024 09:46

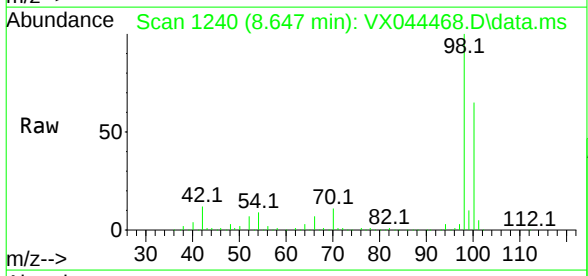
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 88948 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.9 | 80.4  | 120.6 |
| 192      | 19.0  | 13.3  | 19.9  |



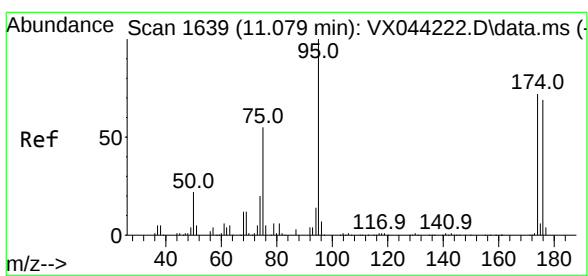
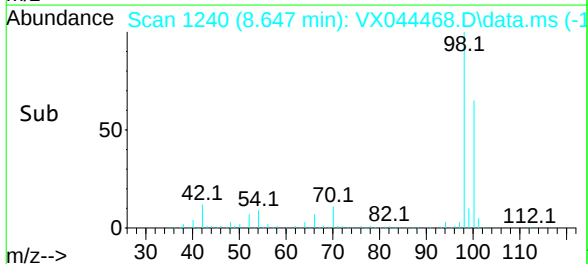
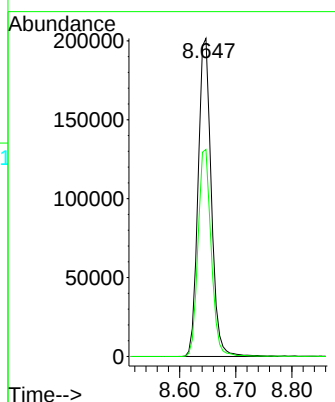


#50  
Toluene-d8  
Concen: 51.201 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX044468.D  
Acq: 23 Dec 2024 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1223WBL01

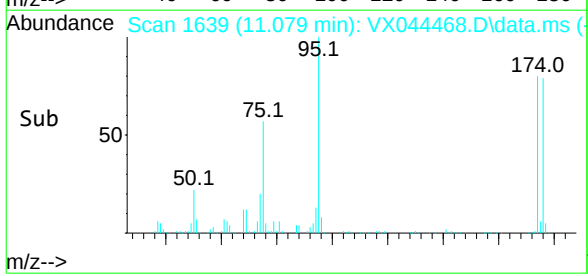
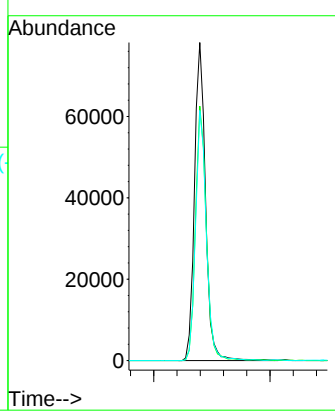
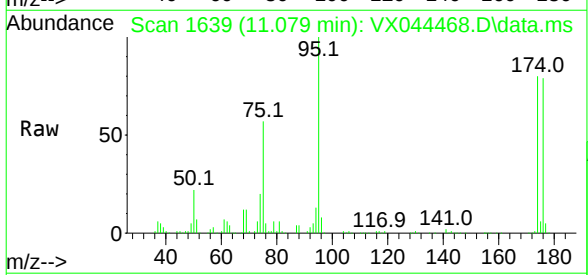


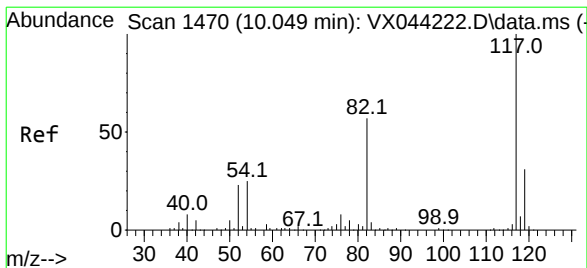
Tgt Ion: 98 Resp: 329117  
Ion Ratio Lower Upper  
98 100  
100 64.9 51.5 77.3



#62  
4-Bromofluorobenzene  
Concen: 45.831 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX044468.D  
Acq: 23 Dec 2024 09:46

Tgt Ion: 95 Resp: 102939  
Ion Ratio Lower Upper  
95 100  
174 78.2 0.0 145.8  
176 77.2 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044468.D

Acq: 23 Dec 2024 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VX1223WBL01

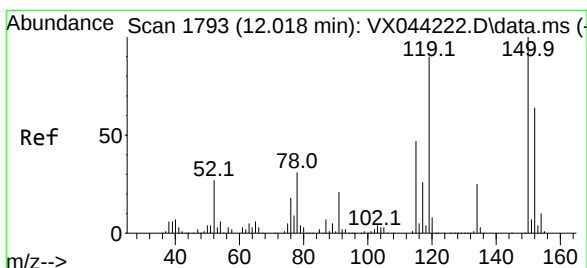
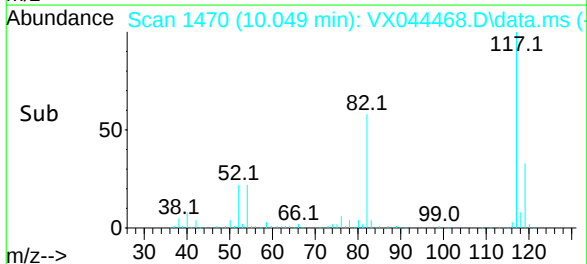
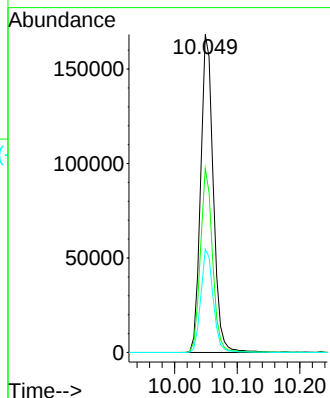
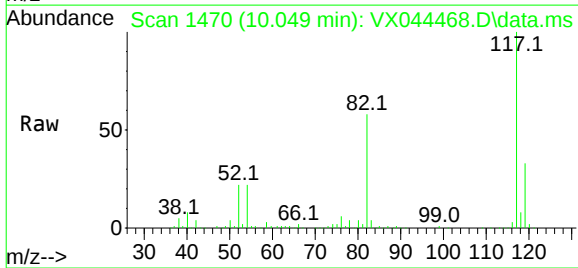
Tgt Ion:117 Resp: 235868

Ion Ratio Lower Upper

117 100

82 57.9 45.8 68.8

119 32.5 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044468.D

Acq: 23 Dec 2024 09:46

Tgt Ion:152 Resp: 97837

Ion Ratio Lower Upper

152 100

115 60.0 44.5 133.3

150 156.6 0.0 353.8

