

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122024\  
 Data File : VX044458.D  
 Acq On : 20 Dec 2024 17:30  
 Operator : JC/MD  
 Sample : P5280-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BPOW6-11-20241212

Quant Time: Dec 20 22:29:15 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

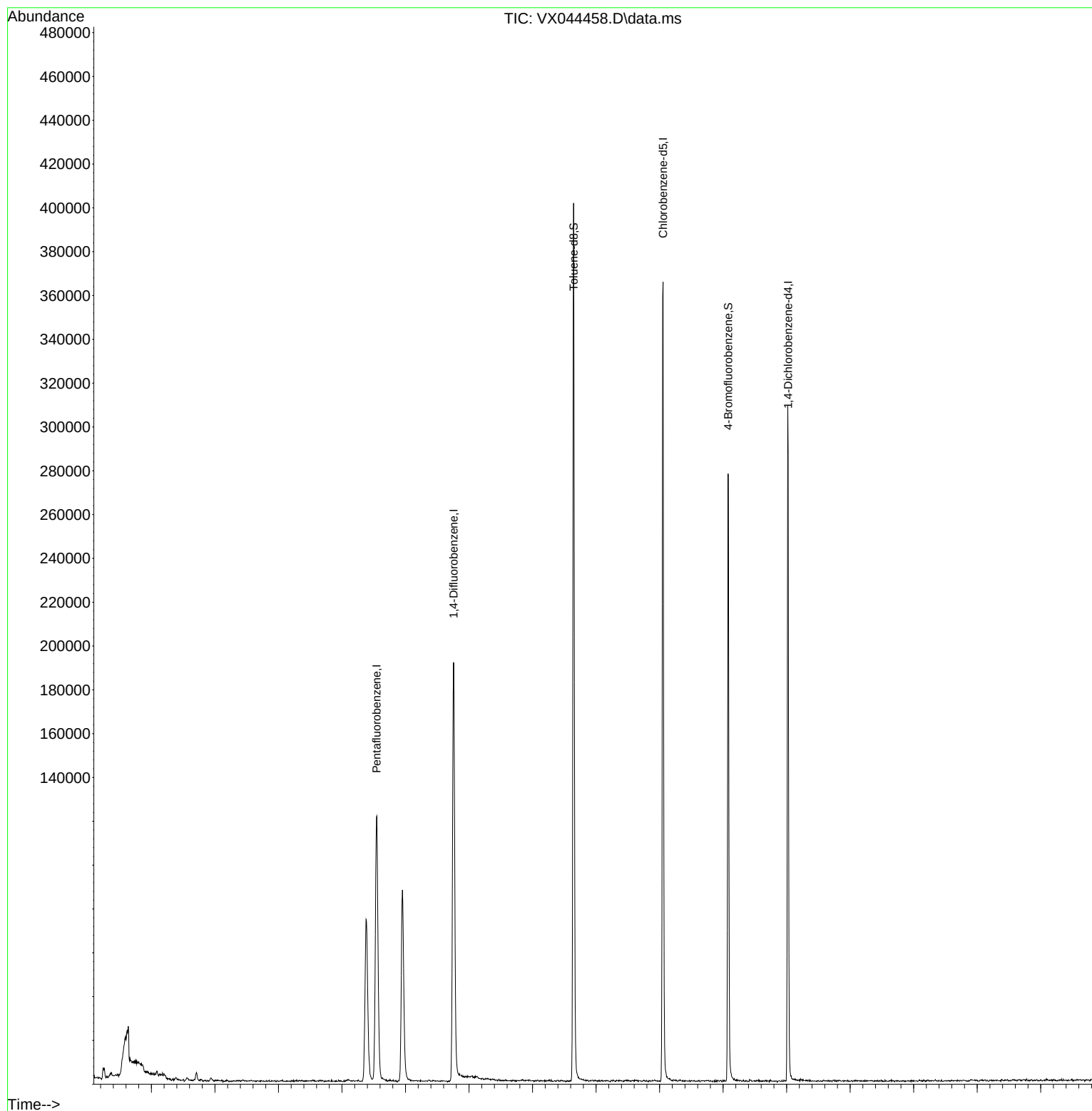
| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 5.544          | 168  | 114054     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 195214     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 167344     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 65426      | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 85210      | 42.611   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 85.220%  |        |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 65619      | 48.534   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 97.060%  |        |          |
| 50) Toluene-d8              | 8.647          | 98   | 233939     | 51.287   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 102.580% |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 70521      | 44.246   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 88.500%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
| 16) Acetone                 | 2.386          | 43   | 1286       | 1.577    | ug/l # | 77       |
| 18) Methyl Acetate          | 2.709          | 43   | 4129       | 1.964    | ug/l # | 90       |
| -----                       |                |      |            |          |        |          |

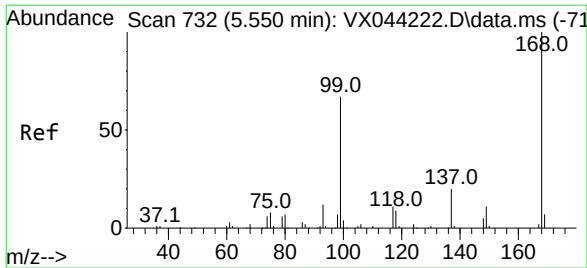
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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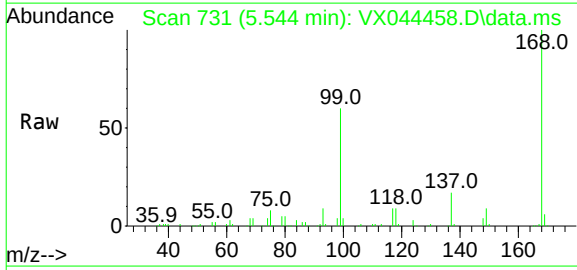
Quant Time: Dec 20 22:29:15 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 12 04:28:14 2024  
Response via : Initial Calibration



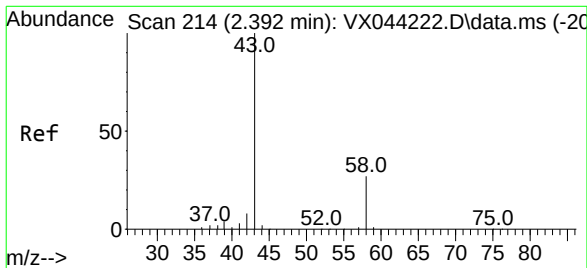
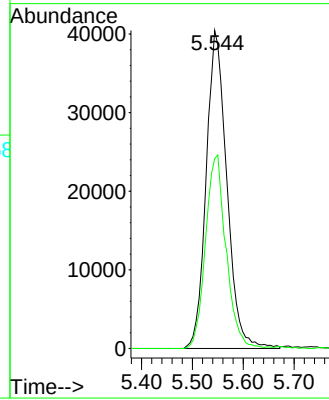
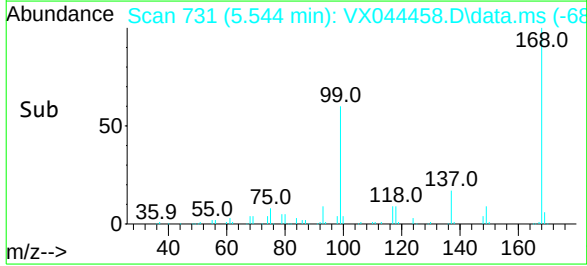


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 73  
Delta R.T. -0.006 min  
Lab File: VX044458.D  
Acq: 20 Dec 2024 17:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212

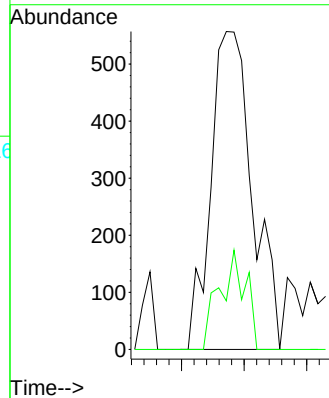
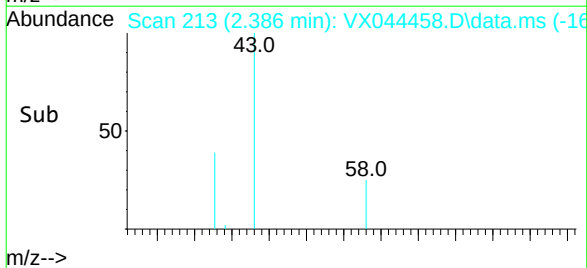
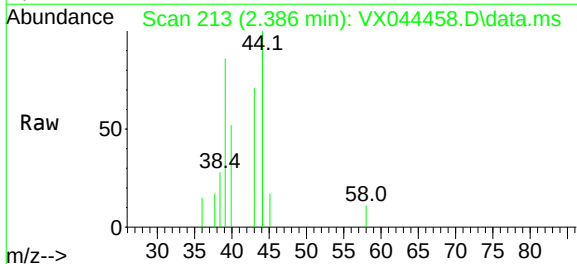


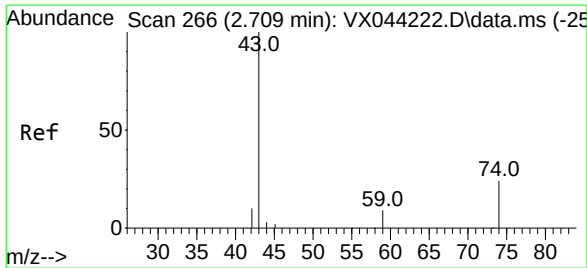
Tgt Ion:168 Resp: 114054  
Ion Ratio Lower Upper  
168 100  
99 59.7 53.4 80.0



#16  
Acetone  
Concen: 1.577 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX044458.D  
Acq: 20 Dec 2024 17:30

Tgt Ion: 43 Resp: 1286  
Ion Ratio Lower Upper  
43 100  
58 15.3 21.6 32.4#

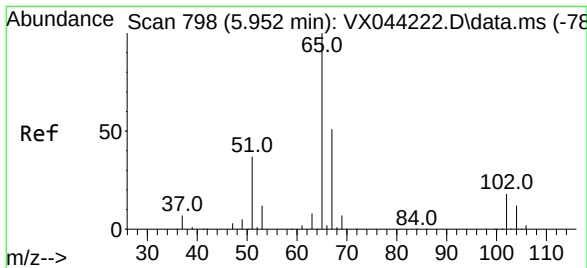
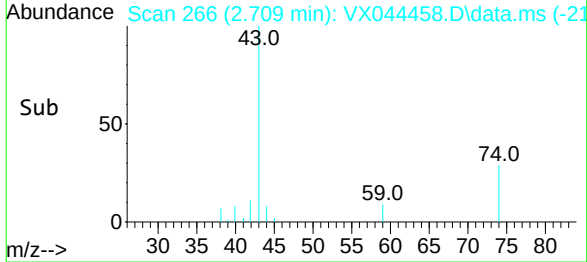
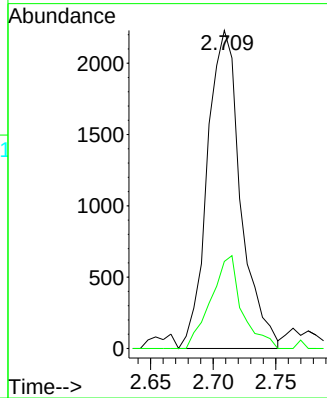
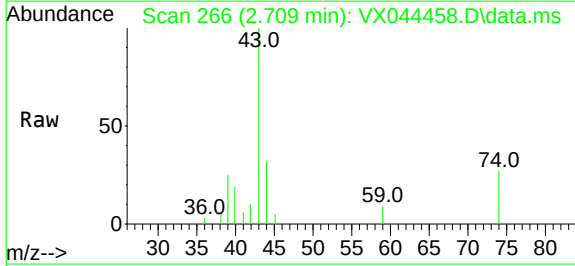




#18  
Methyl Acetate  
Concen: 1.964 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX044458.D  
Acq: 20 Dec 2024 17:30

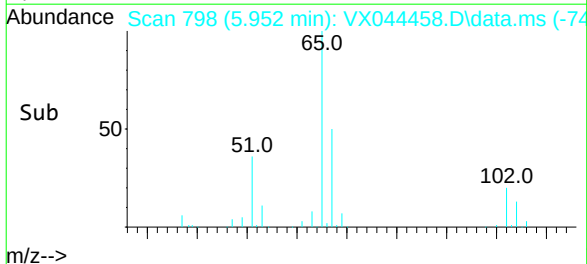
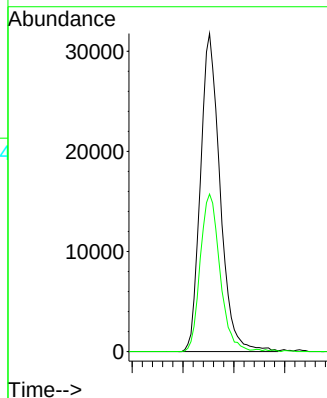
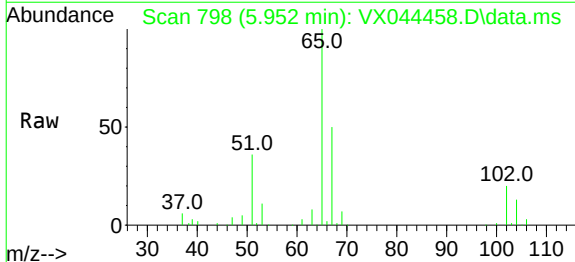
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212

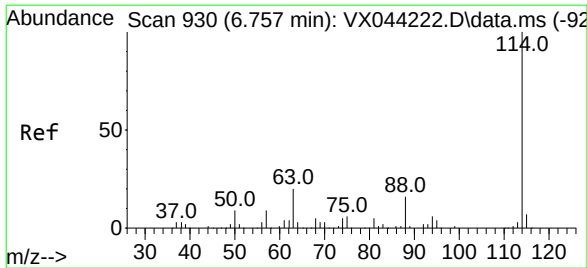
Tgt Ion: 43 Resp: 4129  
Ion Ratio Lower Upper  
43 100  
74 27.0 17.7 26.5#



#33  
1,2-Dichloroethane-d4  
Concen: 42.611 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX044458.D  
Acq: 20 Dec 2024 17:30

Tgt Ion: 65 Resp: 85210  
Ion Ratio Lower Upper  
65 100  
67 49.7 0.0 101.6

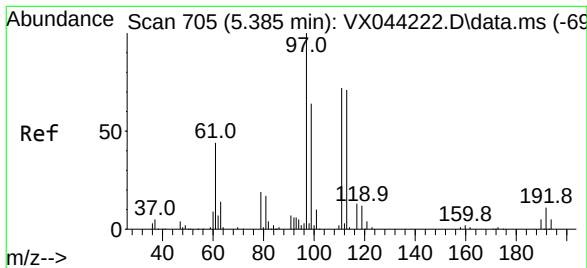
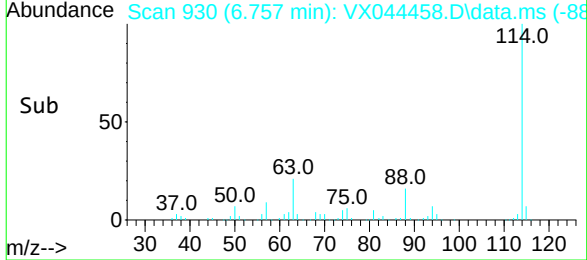
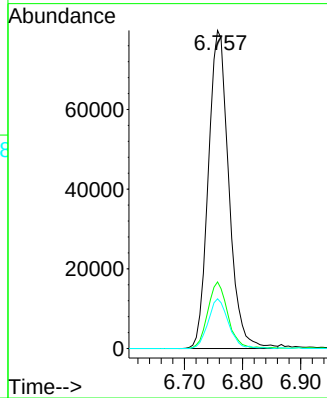
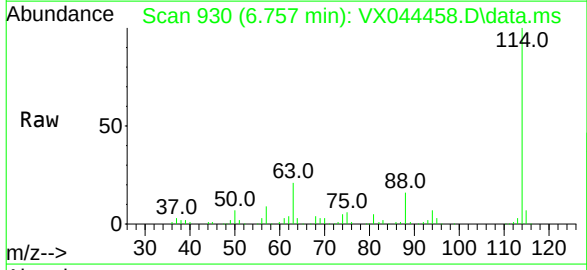




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. -0.000 min  
Lab File: VX044458.D  
Acq: 20 Dec 2024 17:30

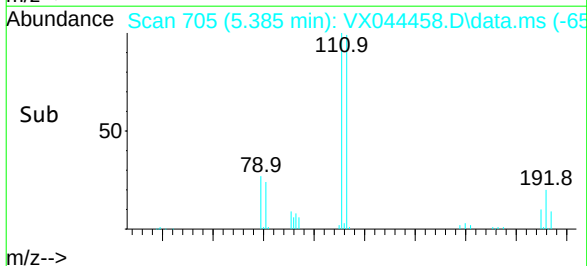
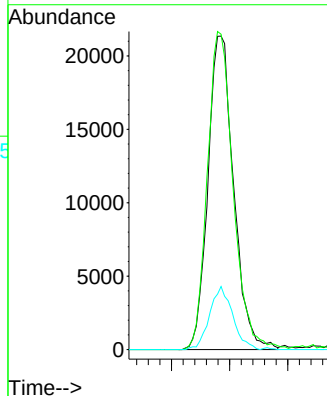
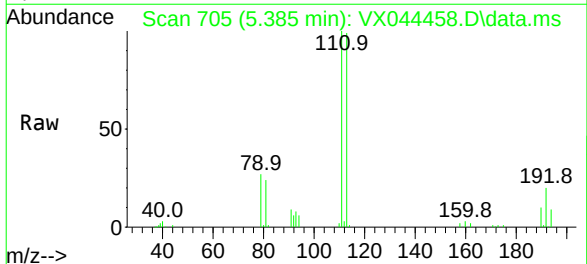
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW6-11-20241212

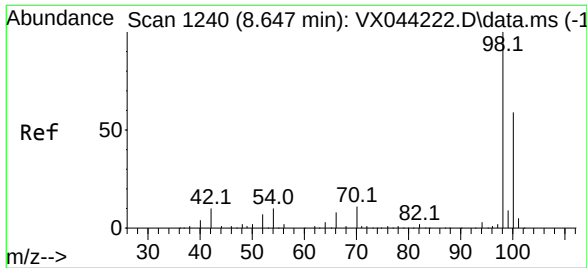
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 195214 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 20.9  | 0.0   | 40.6   |
| 88       | 15.6  | 0.0   | 31.8   |



#35  
Dibromofluoromethane  
Concen: 48.534 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX044458.D  
Acq: 20 Dec 2024 17:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 65619 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 101.6 | 80.4  | 120.6 |
| 192      | 18.0  | 13.3  | 19.9  |





#50

Toluene-d8

Concen: 51.287 ug/l

RT: 8.647 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044458.D

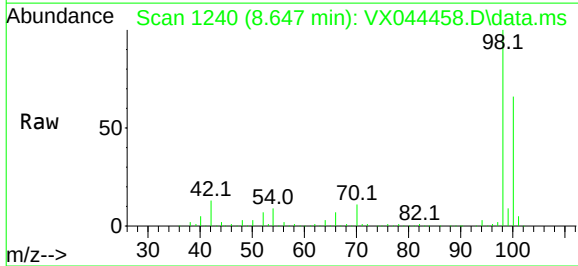
Acq: 20 Dec 2024 17:30

Instrument :

MSVOA\_X

ClientSampleId :

BPOW6-11-20241212

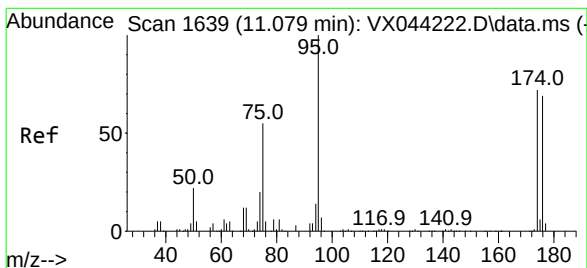
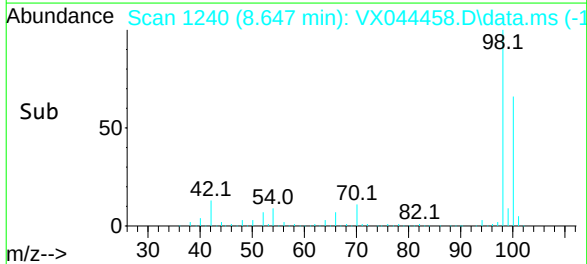
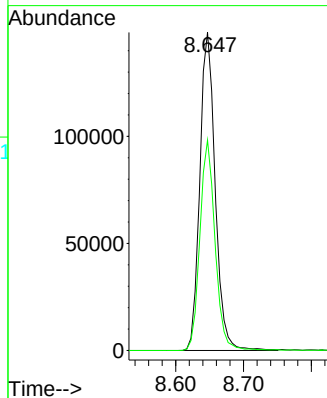


Tgt Ion: 98 Resp: 233939

Ion Ratio Lower Upper

98 100

100 65.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 44.246 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044458.D

Acq: 20 Dec 2024 17:30

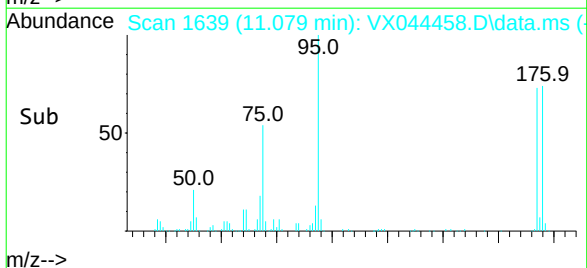
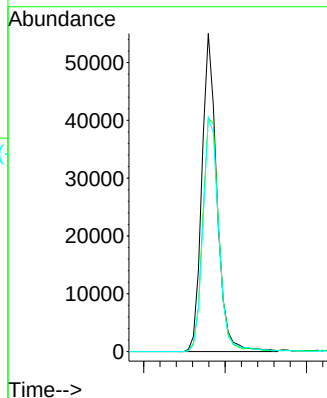
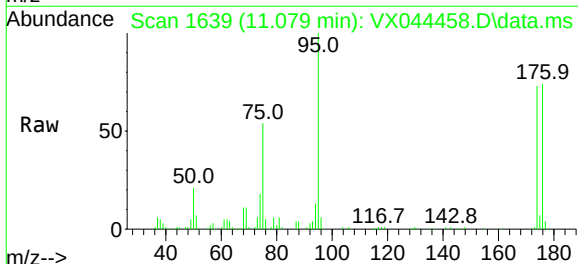
Tgt Ion: 95 Resp: 70521

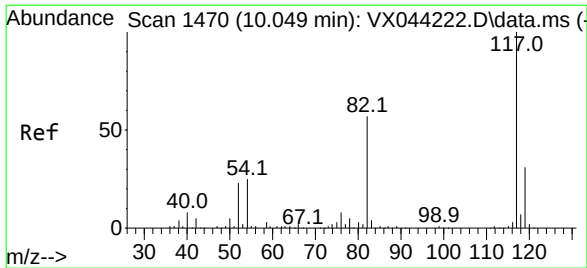
Ion Ratio Lower Upper

95 100

174 79.8 0.0 145.8

176 78.1 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044458.D

Acq: 20 Dec 2024 17:30

Instrument :

MSVOA\_X

ClientSampleId :

BPOW6-11-20241212

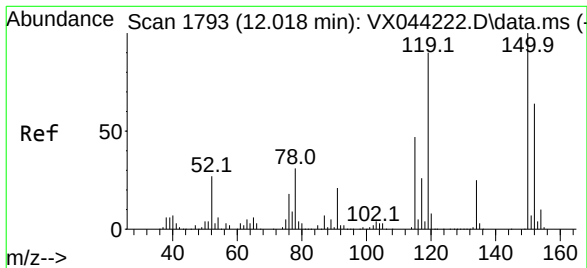
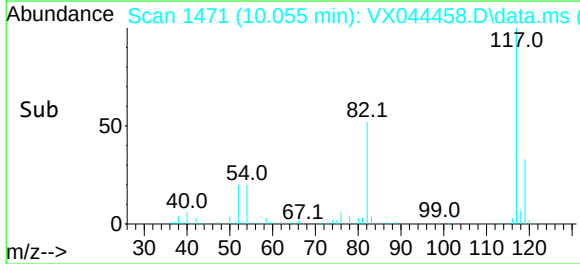
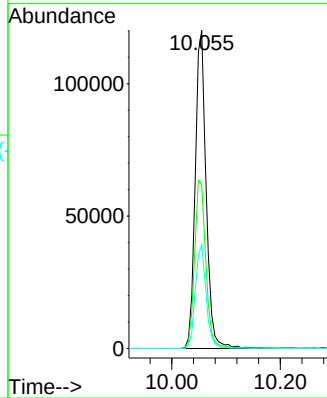
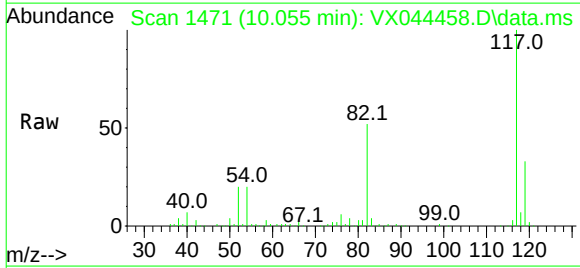
Tgt Ion:117 Resp: 167344

Ion Ratio Lower Upper

117 100

82 51.6 45.8 68.8

119 32.7 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX044458.D

Acq: 20 Dec 2024 17:30

Tgt Ion:152 Resp: 65426

Ion Ratio Lower Upper

152 100

115 61.4 44.5 133.3

150 152.5 0.0 353.8

