

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012725\  
 Data File : VX044718.D  
 Acq On : 27 Jan 2025 13:01  
 Operator : JC/MD  
 Sample : Q1173-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-192-GW-60-62

Quant Time: Jan 28 04:11:06 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011525W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 16 01:16:09 2025  
 Response via : Initial Calibration

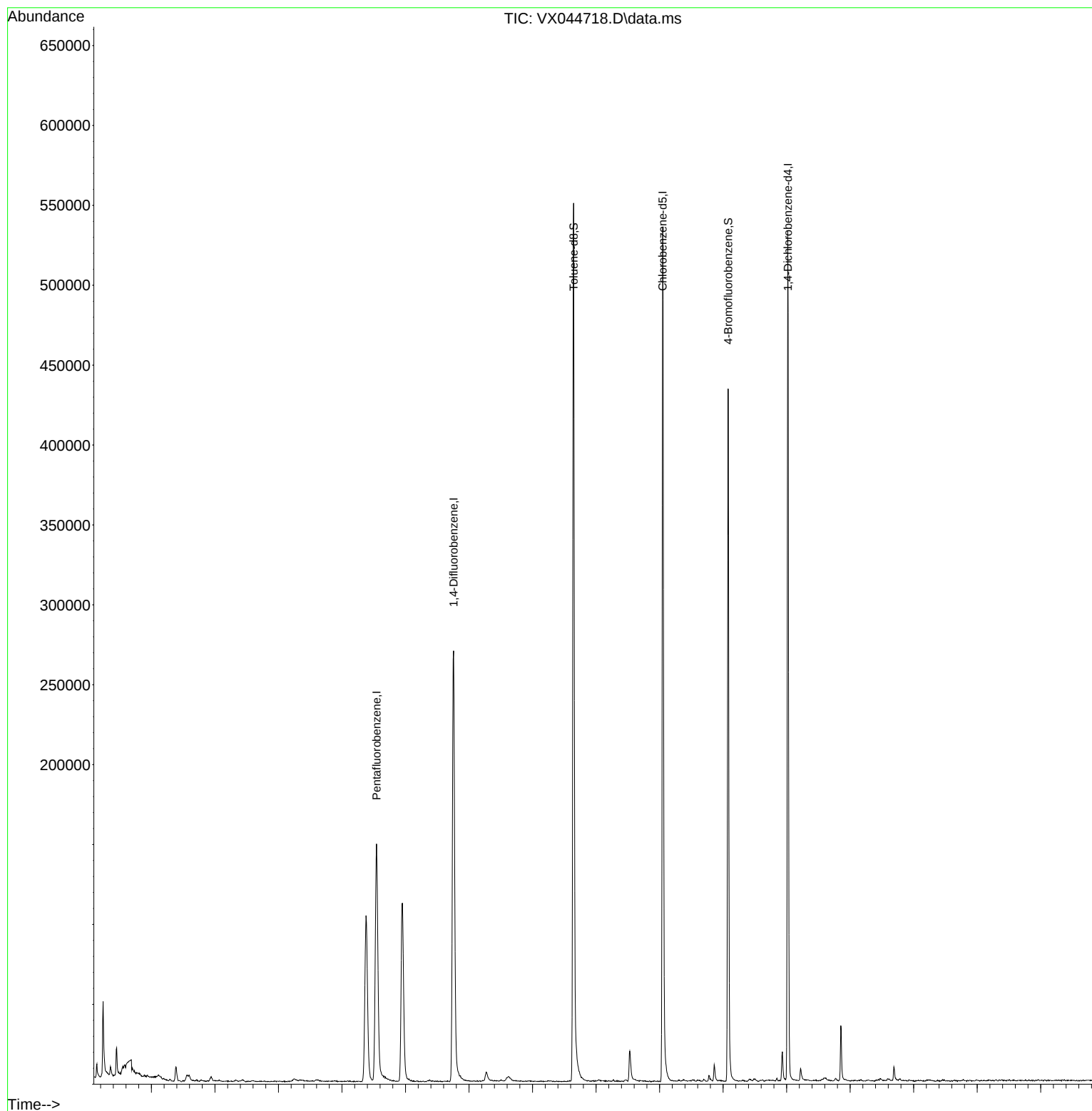
| Compound                    | R.T.           | QIon | Response   | Conc     | Units | Dev(Min)  |
|-----------------------------|----------------|------|------------|----------|-------|-----------|
| -----                       |                |      |            |          |       |           |
| Internal Standards          |                |      |            |          |       |           |
| 1) Pentafluorobenzene       | 5.544          | 168  | 145080     | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 291470     | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.049         | 117  | 260564     | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.018         | 152  | 111378     | 50.000   | ug/l  | 0.00      |
|                             |                |      |            |          |       |           |
| System Monitoring Compounds |                |      |            |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 107332     | 49.013   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 98.020%  |       |           |
| 35) Dibromofluoromethane    | 5.379          | 113  | 95202      | 51.414   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 102.820% |       |           |
| 50) Toluene-d8              | 8.647          | 98   | 359433     | 55.671   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 111.340% |       |           |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 125581     | 52.176   | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 104.360% |       |           |
|                             |                |      |            |          |       |           |
| Target Compounds            |                |      |            |          |       |           |
| 16) Acetone                 | 2.386          | 43   | 10408      | 12.013   | ug/l  | Qvalue 99 |
| -----                       |                |      |            |          |       |           |

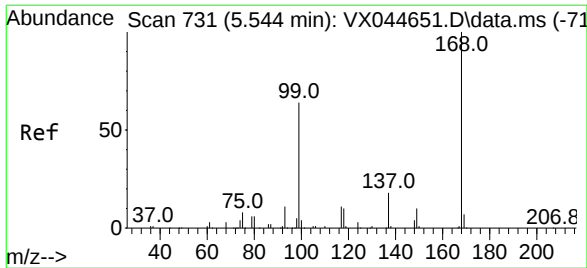
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Jan 16 01:16:09 2025  
Response via : Initial Calibration

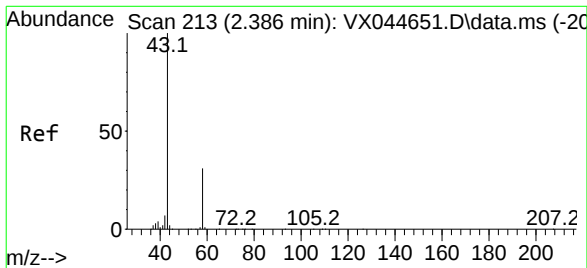
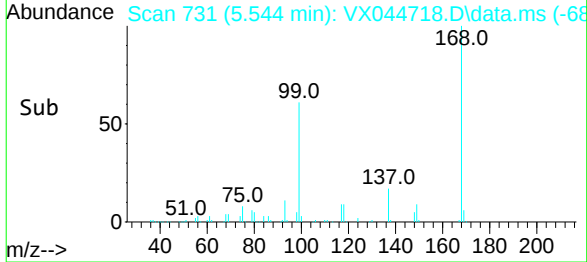
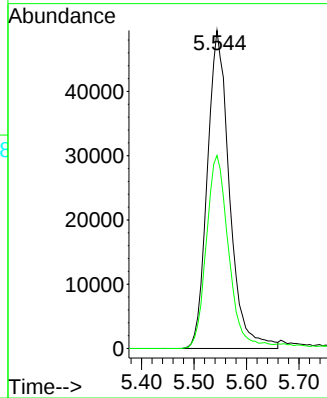
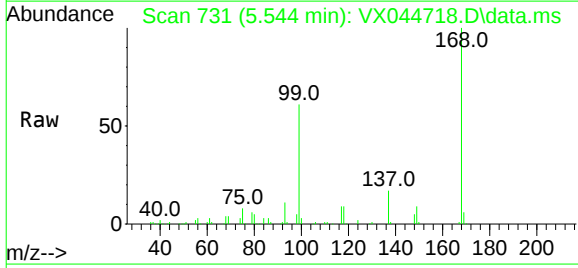




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VX044718.D  
Acq: 27 Jan 2025 13:01

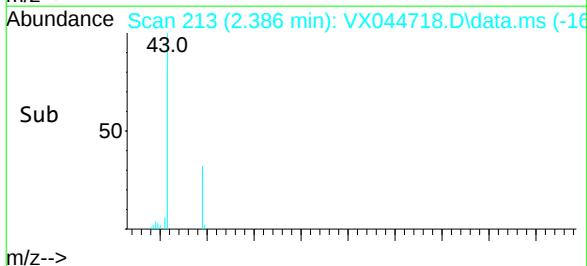
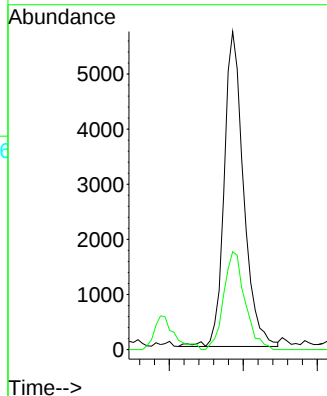
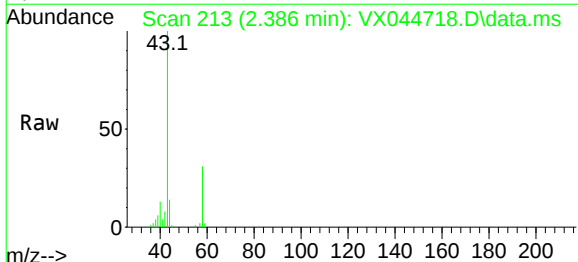
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-192-GW-60-62

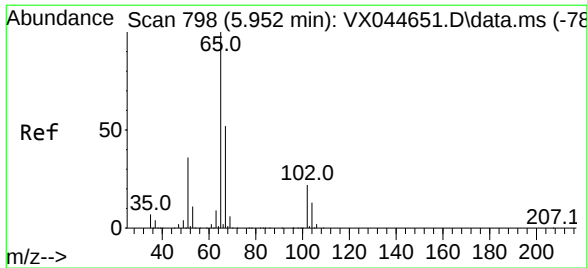
Tgt Ion:168 Resp: 145080  
Ion Ratio Lower Upper  
168 100  
99 60.7 51.1 76.7



#16  
Acetone  
Concen: 12.013 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX044718.D  
Acq: 27 Jan 2025 13:01

Tgt Ion: 43 Resp: 10408  
Ion Ratio Lower Upper  
43 100  
58 31.1 24.6 37.0





#33

1,2-Dichloroethane-d4

Concen: 49.013 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.000 min

Lab File: VX044718.D

Acq: 27 Jan 2025 13:01

Instrument :

MSVOA\_X

ClientSampleId :

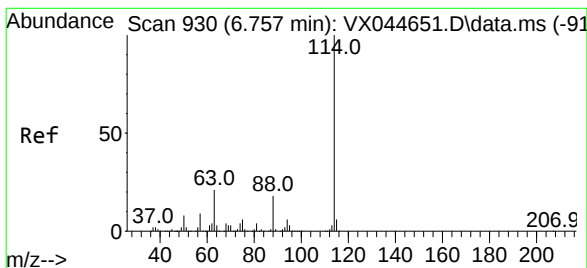
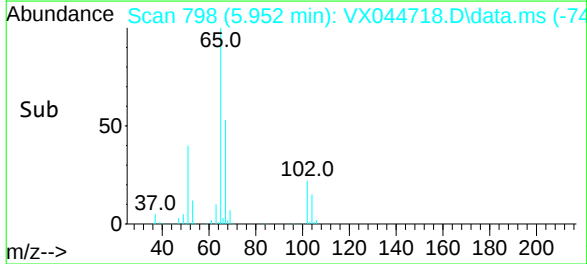
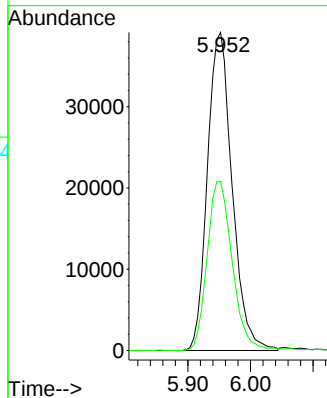
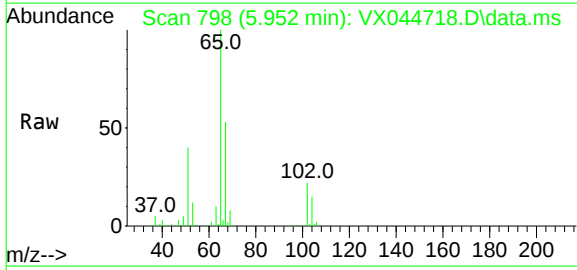
BP-VPB-192-GW-60-62

Tgt Ion: 65 Resp: 107332

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044718.D

Acq: 27 Jan 2025 13:01

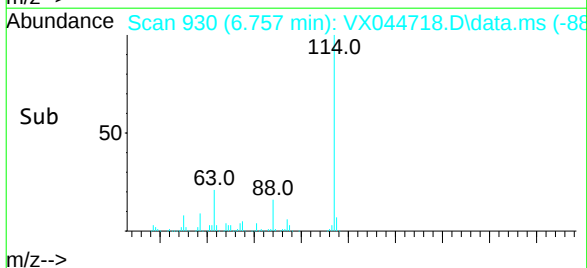
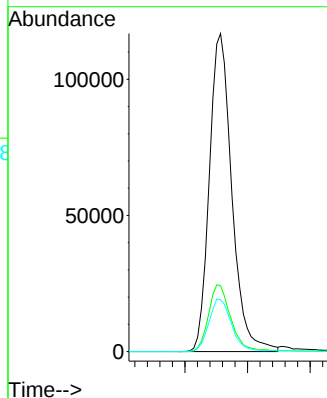
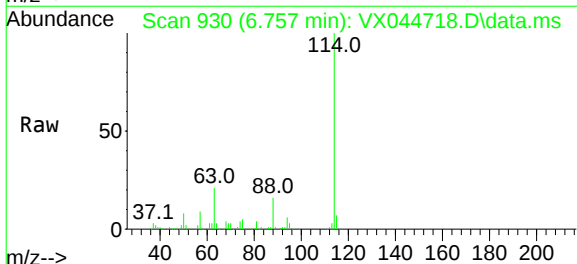
Tgt Ion: 114 Resp: 291470

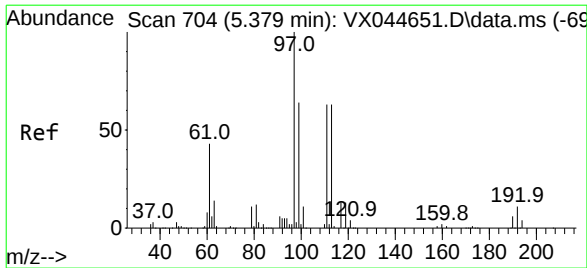
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.0

88 16.3 0.0 35.4

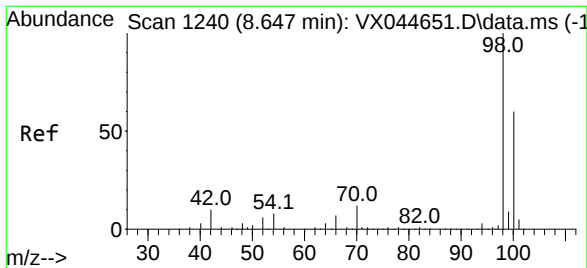
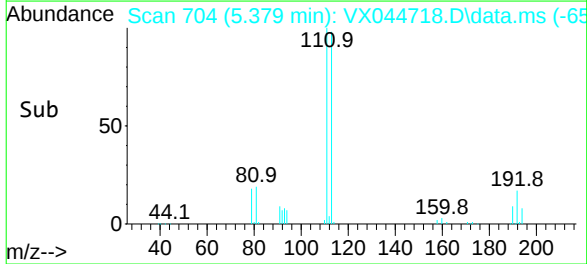
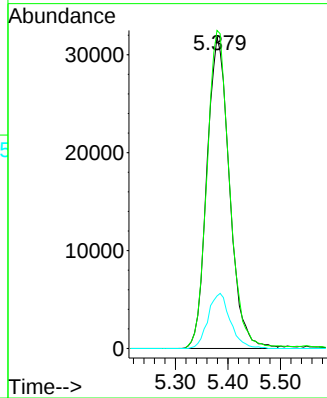
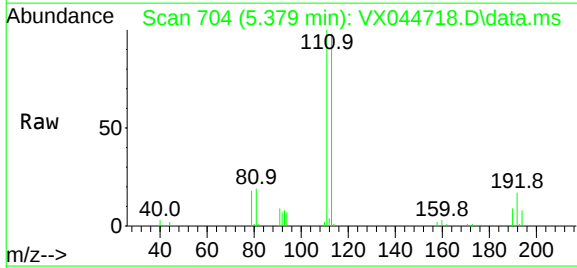




#35  
Dibromofluoromethane  
Concen: 51.414 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX044718.D  
Acq: 27 Jan 2025 13:01

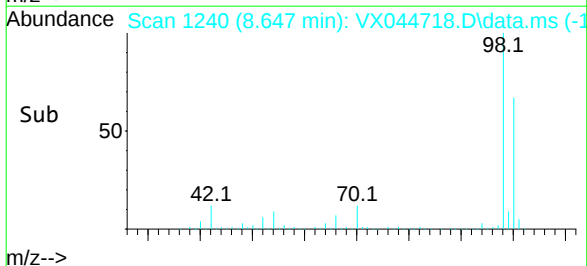
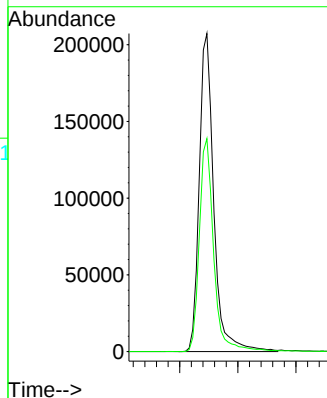
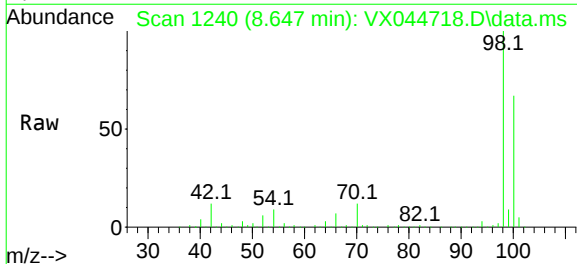
Instrument :  
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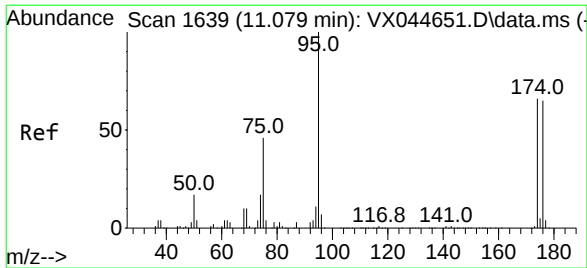
Tgt Ion: 113 Resp: 95202  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.6 122.4  
192 17.4 14.4 21.6



#50  
Toluene-d8  
Concen: 55.671 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX044718.D  
Acq: 27 Jan 2025 13:01

Tgt Ion: 98 Resp: 359433  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.2 79.8





#62

4-Bromofluorobenzene

Concen: 52.176 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044718.D

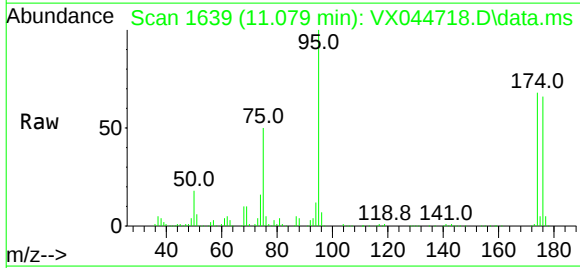
Acq: 27 Jan 2025 13:01

Instrument :

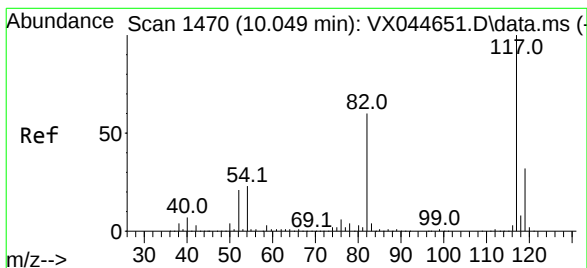
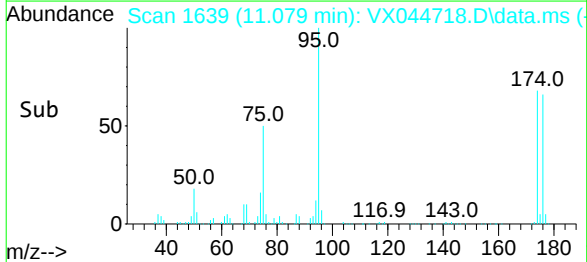
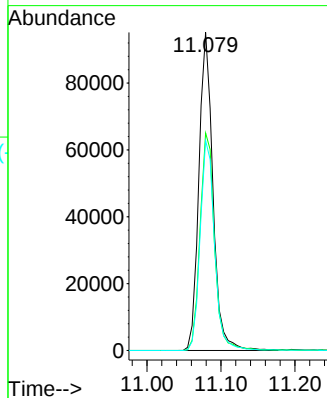
MSVOA\_X

ClientSampleId :

BP-VPB-192-GW-60-62



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 95    | Resp: | 125581 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 70.6  | 0.0   | 133.0  |
| 176       | 67.4  | 0.0   | 129.4  |



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

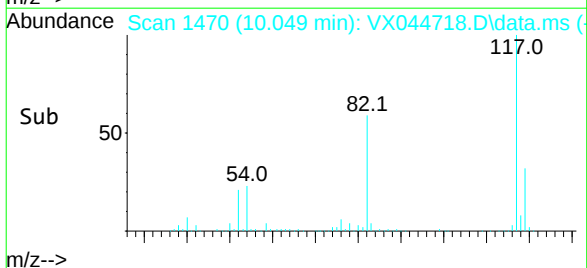
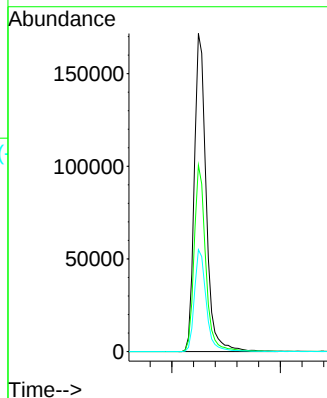
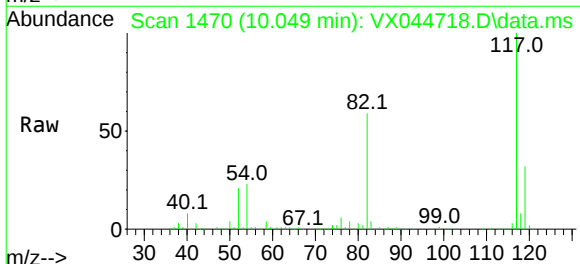
RT: 10.049 min Scan# 1470

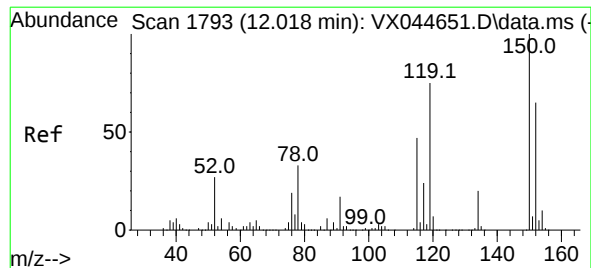
Delta R.T. 0.000 min

Lab File: VX044718.D

Acq: 27 Jan 2025 13:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 260564 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 58.6  | 47.6  | 71.4   |
| 119       | 32.0  | 25.4  | 38.2   |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. 0.000 min

Lab File: VX044718.D

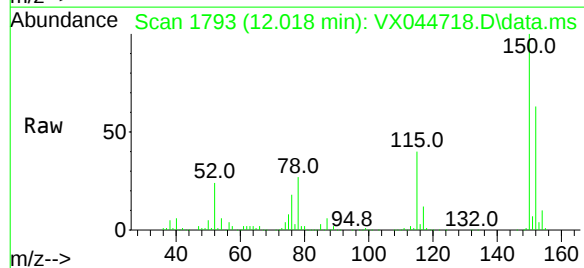
Acq: 27 Jan 2025 13:01

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-192-GW-60-62



Tgt Ion:152 Resp: 111378

Ion Ratio Lower Upper

152 100

115 62.1 43.8 131.4

150 158.0 0.0 347.8

