

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012725\  
 Data File : VX044721.D  
 Acq On : 27 Jan 2025 14:09  
 Operator : JC/MD  
 Sample : Q1173-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-192-GW-200-202

Quant Time: Jan 28 04:12:18 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

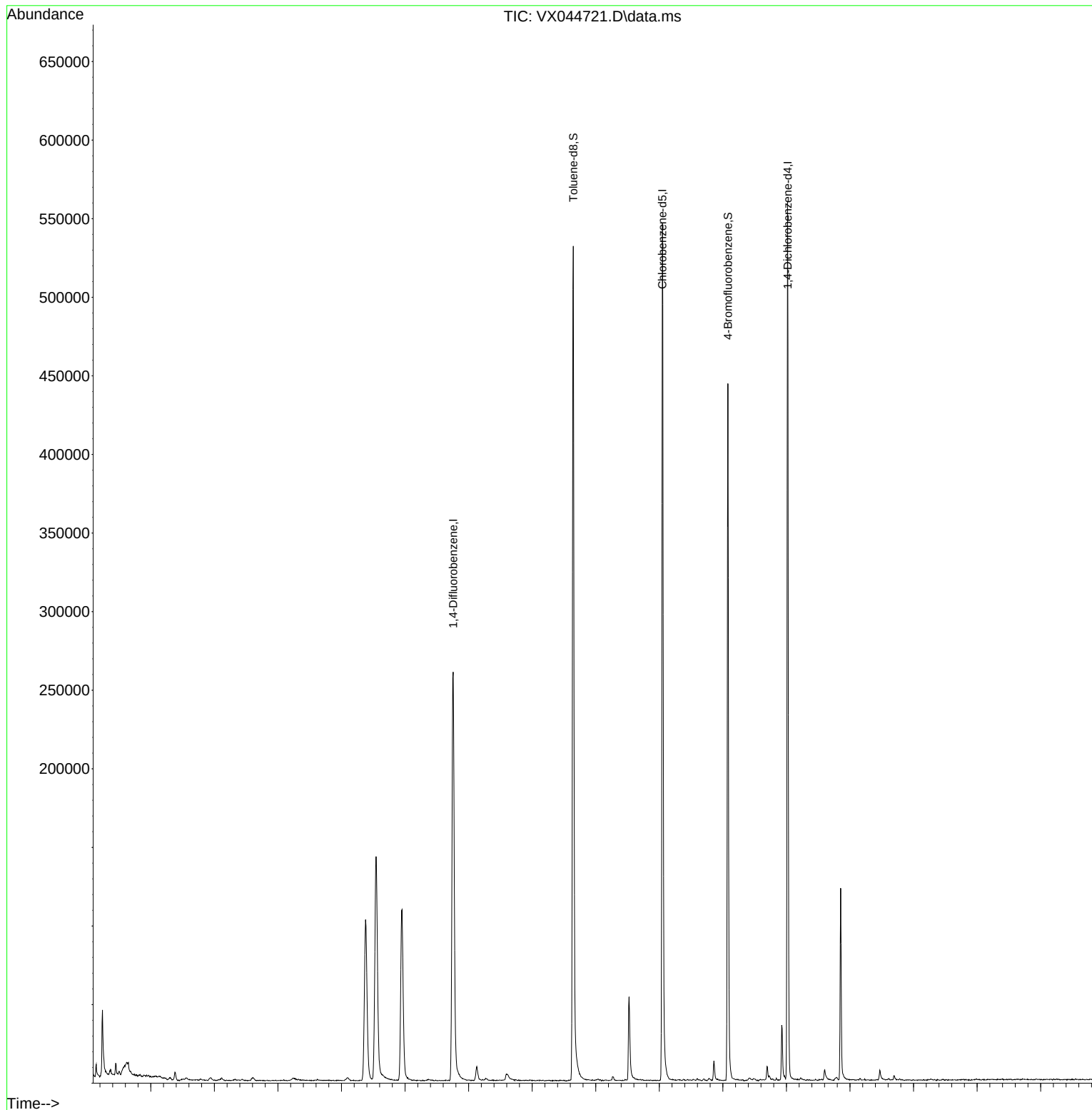
| Compound                    | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|-------|----------|
| -----                       |                |      |            |          |       |          |
| Internal Standards          |                |      |            |          |       |          |
| 1) Pentafluorobenzene       | 5.544          | 168  | 143949     | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 289107     | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.049         | 117  | 257515     | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018         | 152  | 112964     | 50.000   | ug/l  | 0.00     |
|                             |                |      |            |          |       |          |
| System Monitoring Compounds |                |      |            |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.946          | 65   | 103939     | 47.836   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 95.680%  |       |          |
| 35) Dibromofluoromethane    | 5.379          | 113  | 93332      | 50.816   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 101.640% |       |          |
| 50) Toluene-d8              | 8.647          | 98   | 348739     | 54.456   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 108.920% |       |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 127861     | 53.558   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 107.120% |       |          |
|                             |                |      |            |          |       |          |
| Target Compounds            |                |      |            |          |       |          |
| 16) Acetone                 | 2.380          | 43   | 6091       | 7.085    | ug/l  | 97       |
| 30) Chloroform              | 5.099          | 83   | 2310       | 0.677    | ug/l  | 99       |
| 44) Trichloroethene         | 7.129          | 130  | 3350       | 1.759    | ug/l  | 98       |
| -----                       |                |      |            |          |       |          |

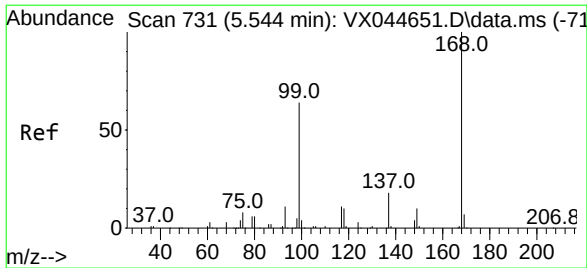
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012725\  
Data File : VX044721.D  
Acq On : 27 Jan 2025 14:09  
Operator : JC/MD  
Sample : Q1173-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-192-GW-200-202

Quant Time: Jan 28 04:12:18 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

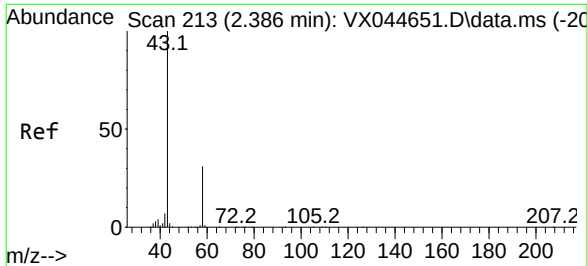
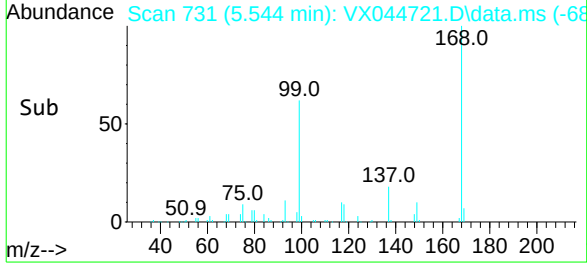
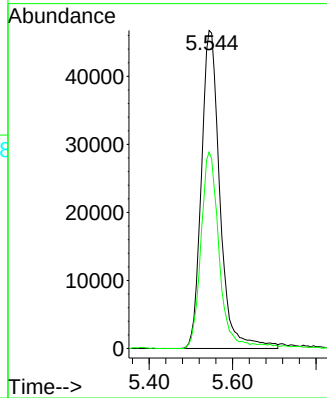
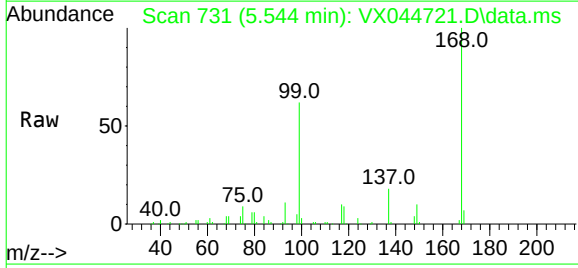




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VX044721.D  
Acq: 27 Jan 2025 14:09

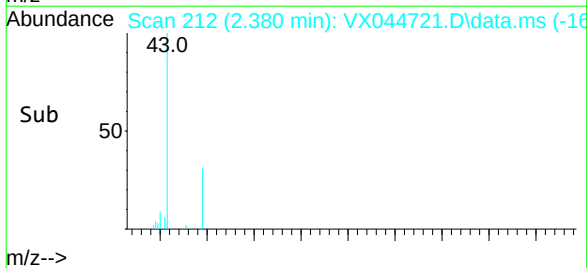
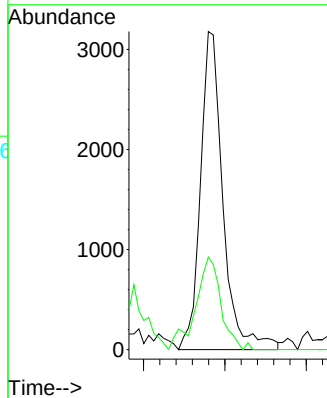
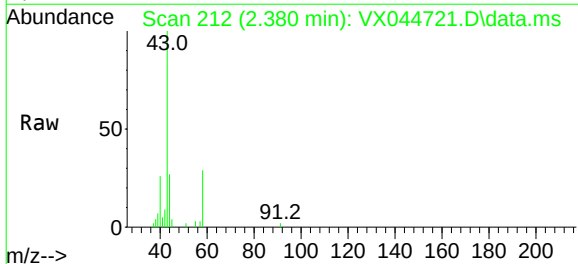
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-192-GW-200-202

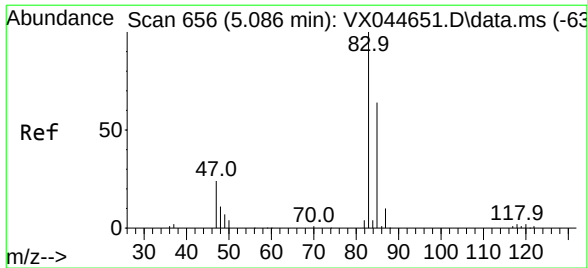
Tgt Ion: 168 Resp: 143949  
Ion Ratio Lower Upper  
168 100  
99 61.8 51.1 76.7



#16  
Acetone  
Concen: 7.085 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX044721.D  
Acq: 27 Jan 2025 14:09

Tgt Ion: 43 Resp: 6091  
Ion Ratio Lower Upper  
43 100  
58 29.1 24.6 37.0





#30

Chloroform

Concen: 0.677 ug/l

RT: 5.099 min Scan# 65

Delta R.T. 0.012 min

Lab File: VX044721.D

Acq: 27 Jan 2025 14:09

Instrument :

MSVOA\_X

ClientSampleId :

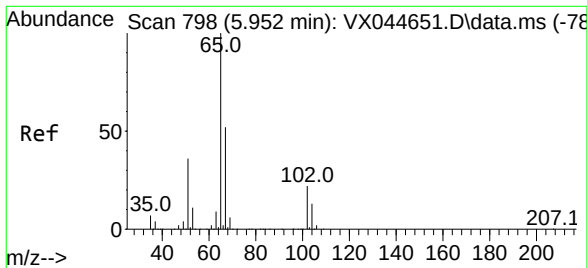
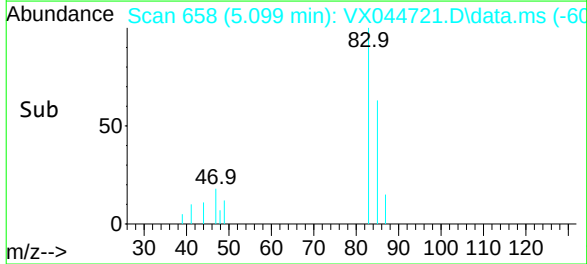
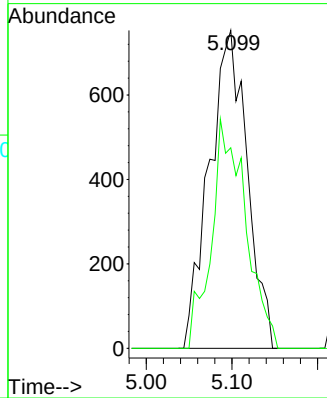
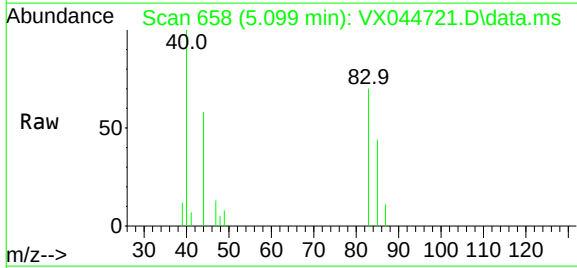
BP-VPB-192-GW-200-202

Tgt Ion: 83 Resp: 2310

Ion Ratio Lower Upper

83 100

85 63.1 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 47.836 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX044721.D

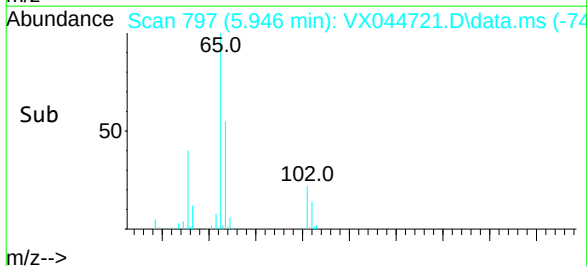
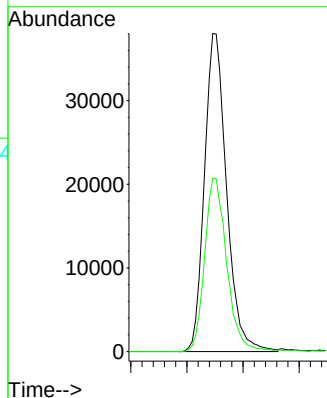
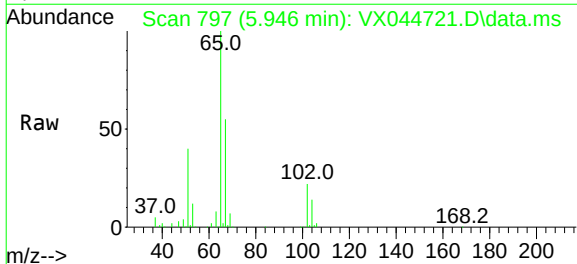
Acq: 27 Jan 2025 14:09

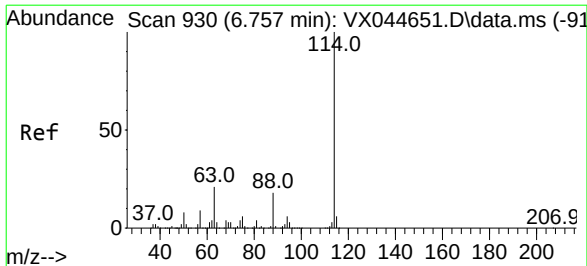
Tgt Ion: 65 Resp: 103939

Ion Ratio Lower Upper

65 100

67 54.6 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: VX044721.D

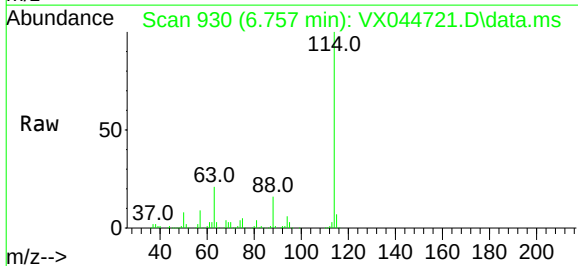
Acq: 27 Jan 2025 14:09

Instrument :

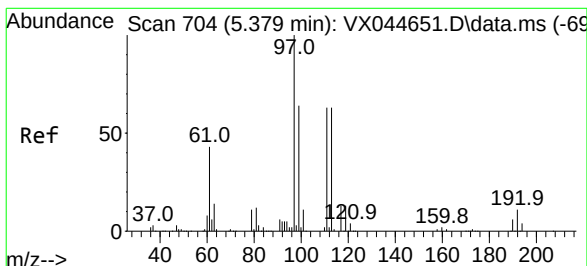
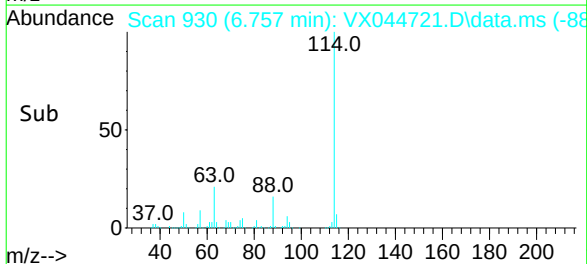
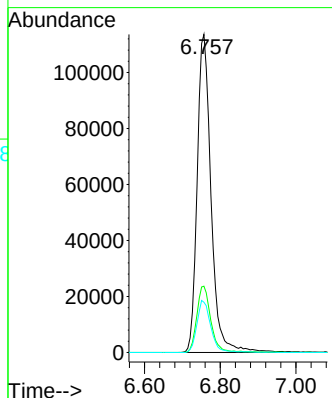
MSVOA\_X

ClientSampleId :

BP-VPB-192-GW-200-202



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 289107 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 20.9  | 0.0   | 43.0   |
| 88       | 15.8  | 0.0   | 35.4   |



#35

Dibromofluoromethane

Concen: 50.816 ug/l

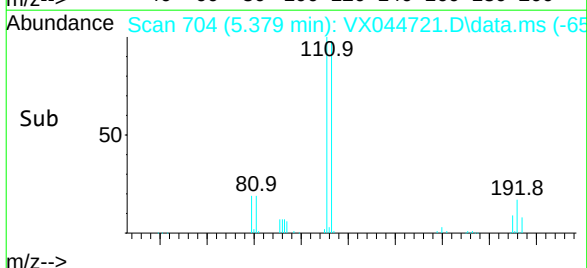
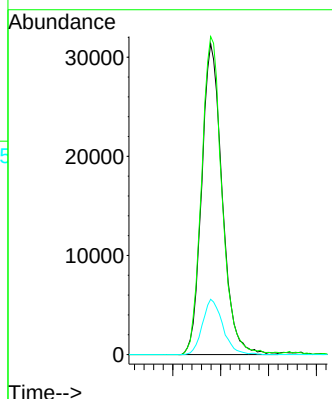
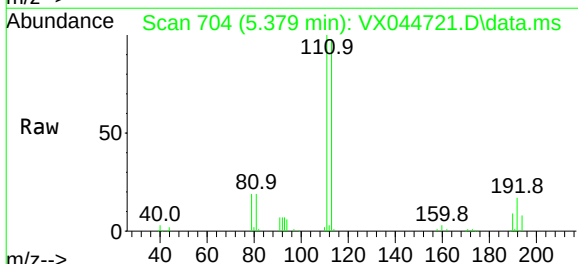
RT: 5.379 min Scan# 704

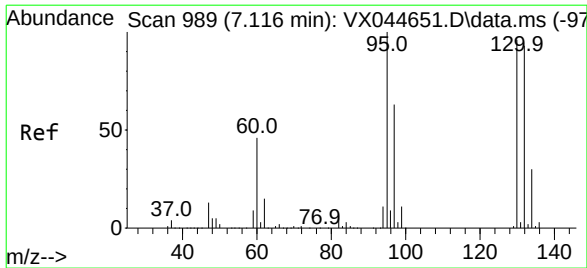
Delta R.T. 0.000 min

Lab File: VX044721.D

Acq: 27 Jan 2025 14:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 93332 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.2 | 81.6  | 122.4 |
| 192      | 17.6  | 14.4  | 21.6  |





#44

Trichloroethene

Concen: 1.759 ug/l

RT: 7.129 min Scan# 99

Delta R.T. 0.012 min

Lab File: VX044721.D

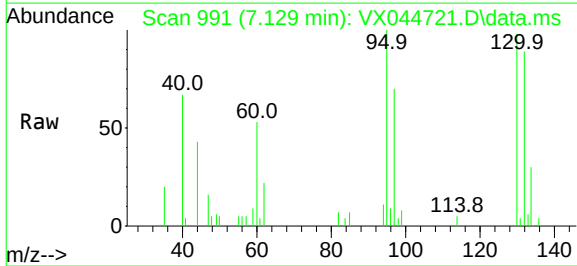
Acq: 27 Jan 2025 14:09

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-192-GW-200-202

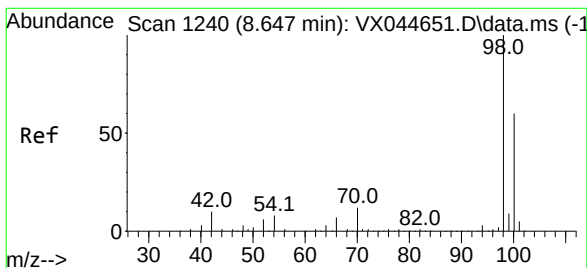
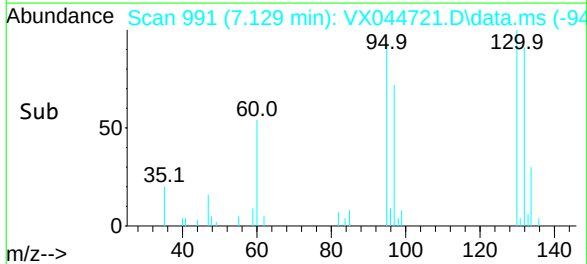
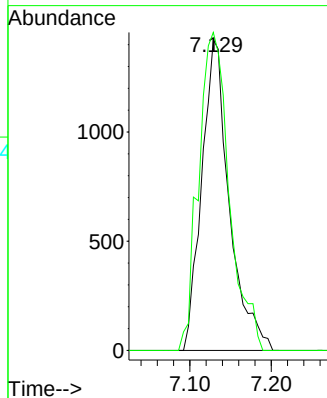


Tgt Ion: 130 Resp: 3350

Ion Ratio Lower Upper

130 100

95 102.3 0.0 208.2



#50

Toluene-d8

Concen: 54.456 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044721.D

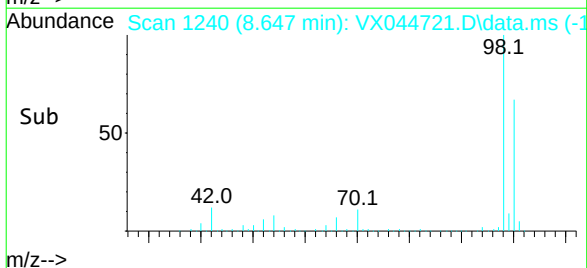
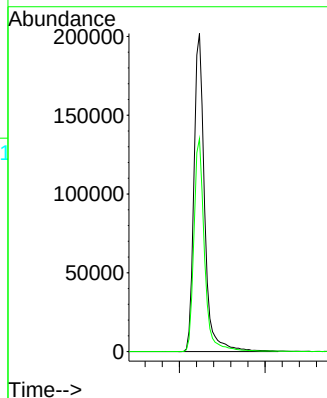
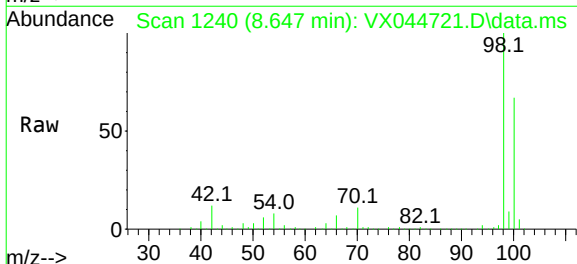
Acq: 27 Jan 2025 14:09

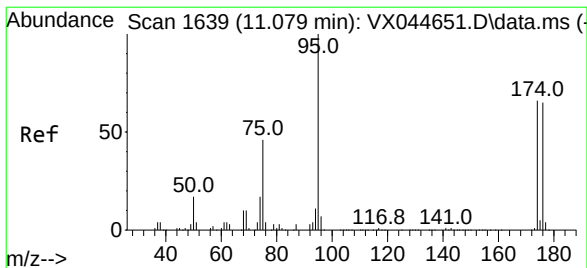
Tgt Ion: 98 Resp: 348739

Ion Ratio Lower Upper

98 100

100 66.4 53.2 79.8





#62

4-Bromofluorobenzene

Concen: 53.558 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044721.D

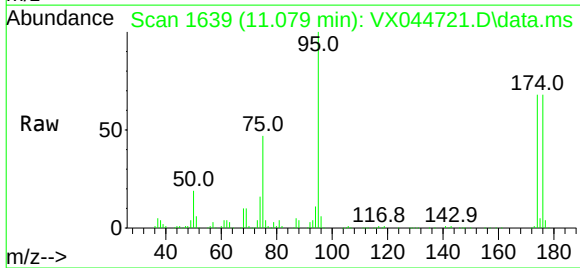
Acq: 27 Jan 2025 14:09

Instrument :

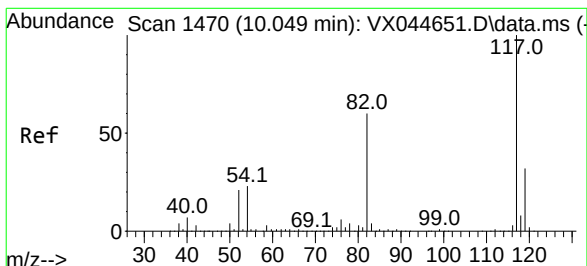
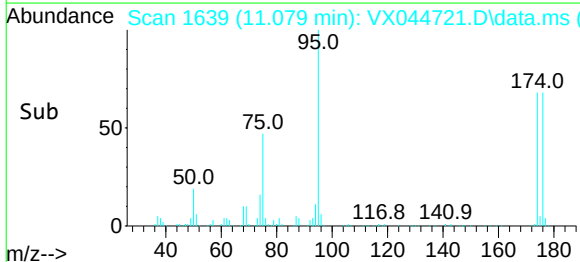
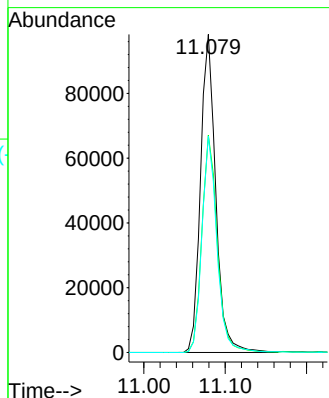
MSVOA\_X

ClientSampleId :

BP-VPB-192-GW-200-202



| Tgt Ion:  | 95    | Resp: | 127861 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   |       |        |
| Lower     | 0.0   |       |        |
| Upper     | 133.0 |       |        |
| 174       | 68.9  | 0.0   | 133.0  |
| 176       | 67.1  | 0.0   | 129.4  |



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

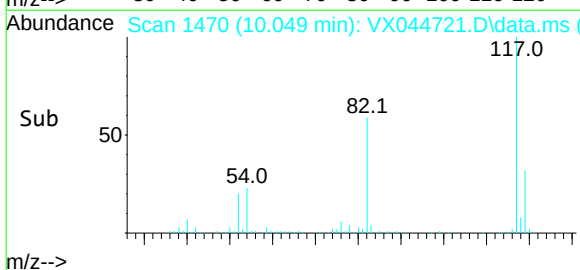
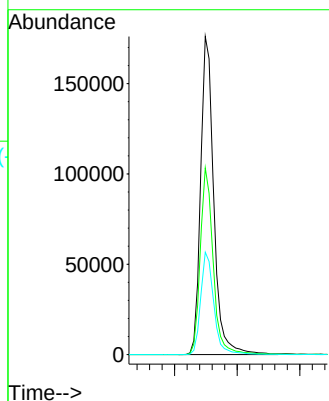
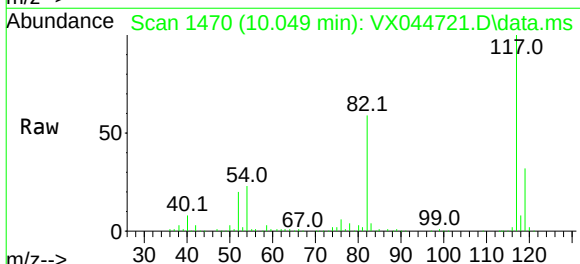
RT: 10.049 min Scan# 1470

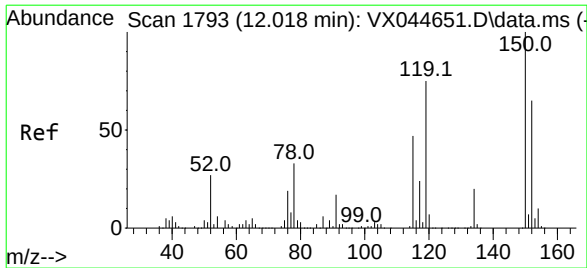
Delta R.T. 0.000 min

Lab File: VX044721.D

Acq: 27 Jan 2025 14:09

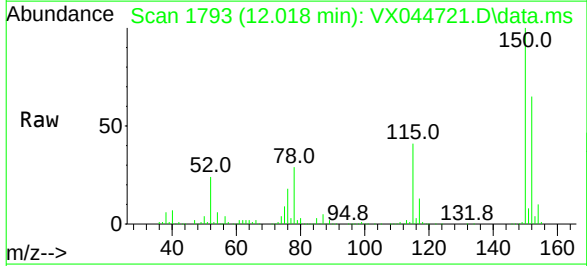
| Tgt Ion:  | 117  | Resp: | 257515 |
|-----------|------|-------|--------|
| Ion Ratio | 100  |       |        |
| Lower     | 47.6 |       |        |
| Upper     | 71.4 |       |        |
| 82        | 58.7 | 25.4  | 38.2   |
| 119       | 32.2 |       |        |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 17  
 Delta R.T. 0.000 min  
 Lab File: VX044721.D  
 Acq: 27 Jan 2025 14:09

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-192-GW-200-202



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 112964 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 61.5  | 43.8  | 131.4  |
| 150      | 156.4 | 0.0   | 347.8  |

