

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010625\  
 Data File : VX044593.D  
 Acq On : 06 Jan 2025 14:18  
 Operator : JC/MD  
 Sample : Q1004-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-190A-GW-778-780

Quant Time: Jan 06 16:04:09 2025  
 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

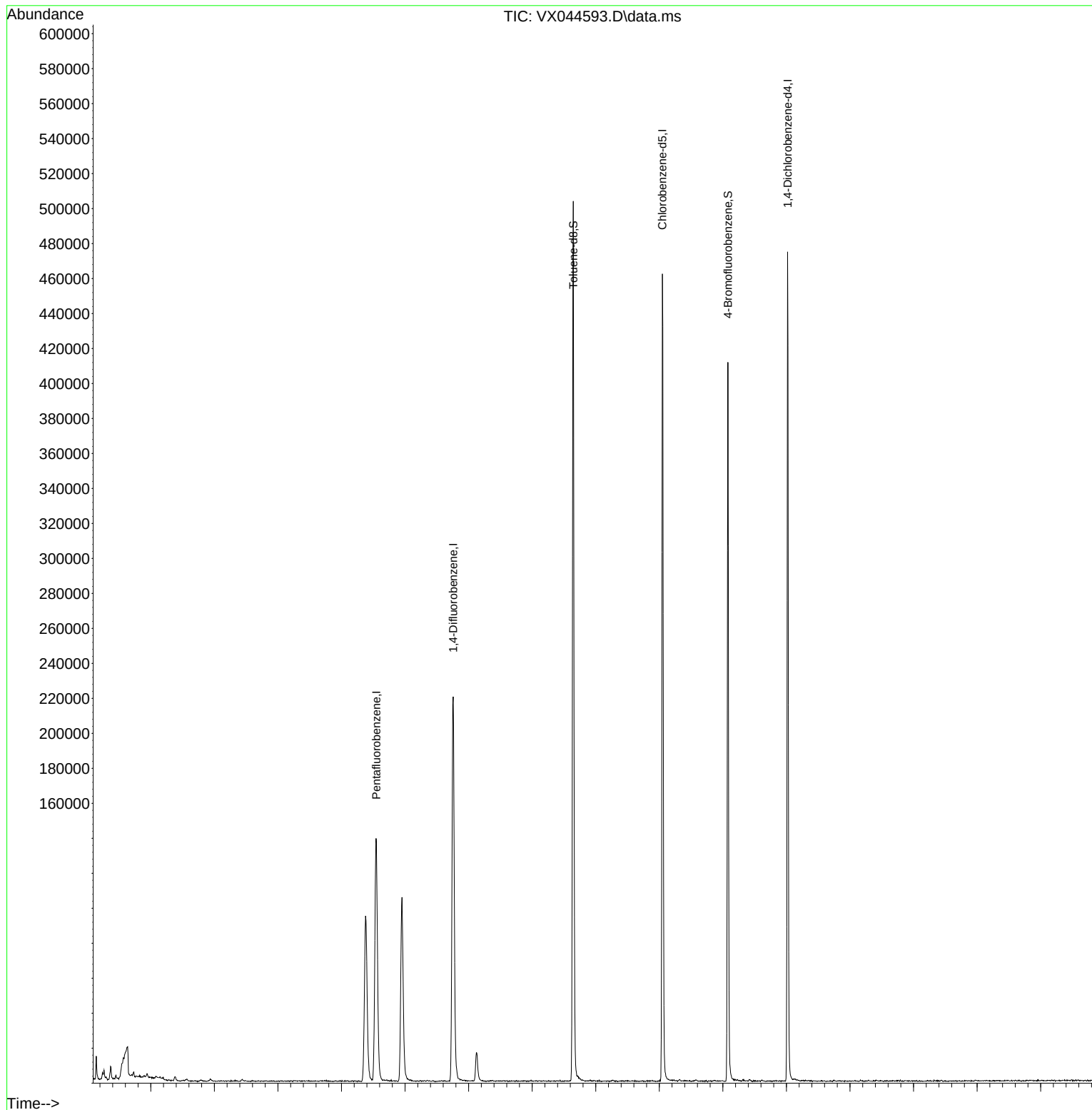
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 135125   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 232671   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 210076   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 95481    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 101966   | 43.038   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 86.080%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 82037    | 50.909   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 101.820% |
| 50) Toluene-d8              | 8.647  | 98    | 300906   | 55.348   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 110.700% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 99643    | 52.453   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =      | 104.900% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 3) Chloromethane            | 1.294  | 50    | 511      | 0.256    | ug/l   | 89       |
| 16) Acetone                 | 2.380  | 43    | 2547     | 2.637    | ug/l   | 95       |
| 44) Trichloroethene         | 7.129  | 130   | 6723     | 4.263    | ug/l   | 86       |
| -----                       |        |       |          |          |        |          |

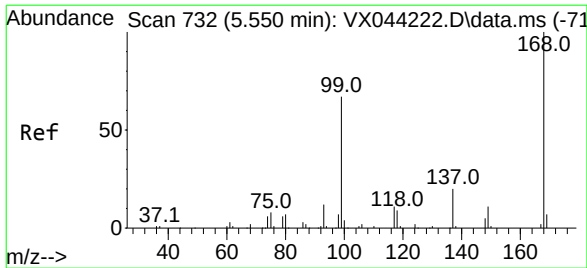
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010625\  
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Quant Time: Jan 06 16:04:09 2025  
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: 5.550 min Scan# 73

Delta R.T. -0.000 min

Lab File: VX044593.D

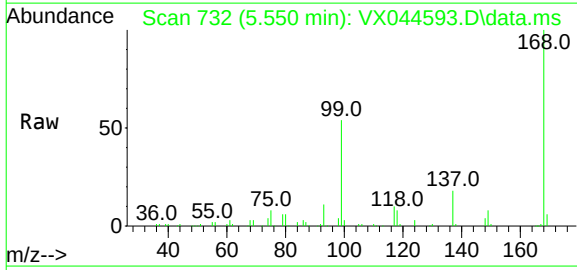
Acq: 06 Jan 2025 14:18

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-190A-GW-778-780

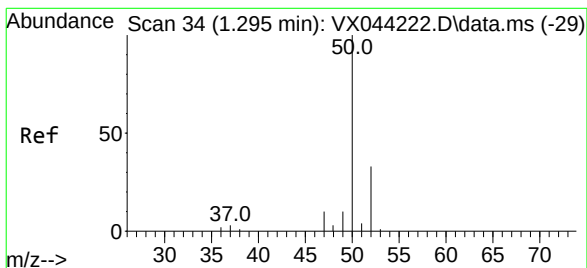
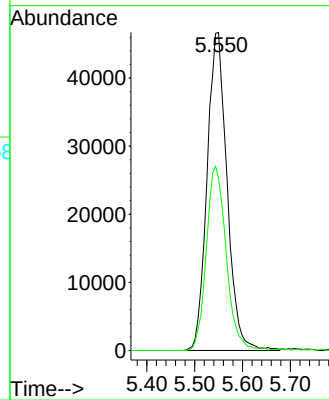
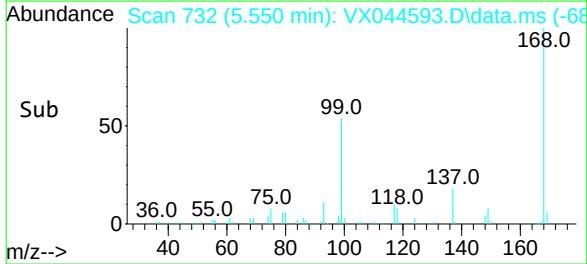


Tgt Ion:168 Resp: 135125

Ion Ratio Lower Upper

168 100

99 54.1 53.4 80.0



#3

Chloromethane

Concen: 0.256 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX044593.D

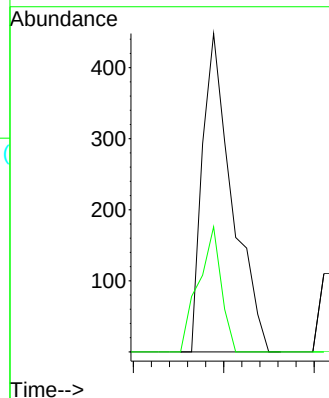
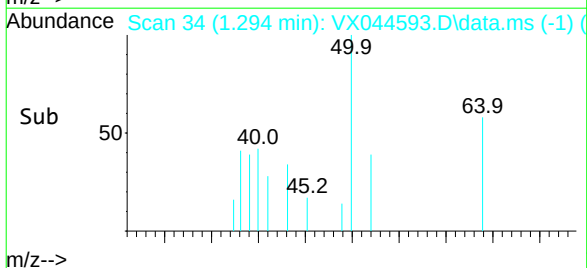
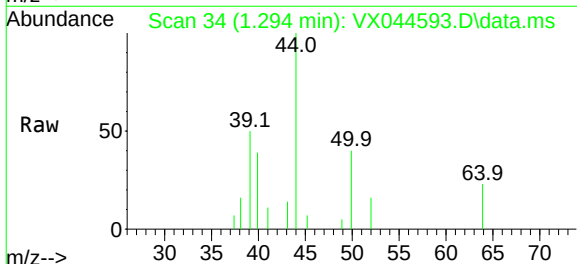
Acq: 06 Jan 2025 14:18

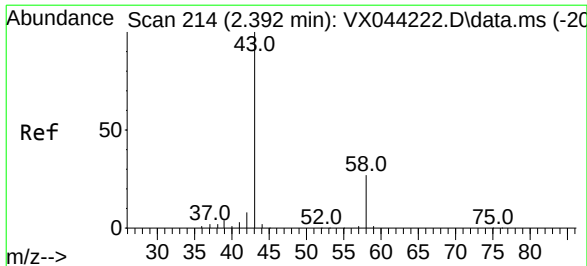
Tgt Ion: 50 Resp: 511

Ion Ratio Lower Upper

50 100

52 39.3 26.5 39.7





#16

Acetone

Concen: 2.637 ug/l

RT: 2.380 min Scan# 214

Delta R.T. -0.012 min

Lab File: VX044593.D

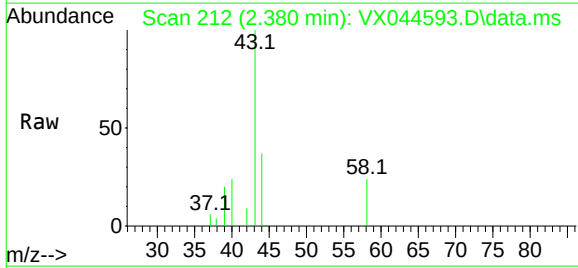
Acq: 06 Jan 2025 14:18

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-190A-GW-778-780

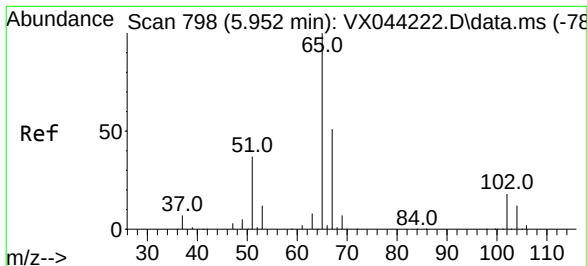
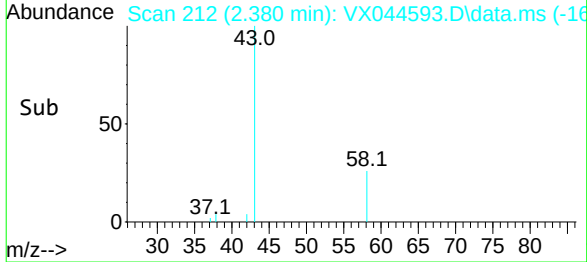
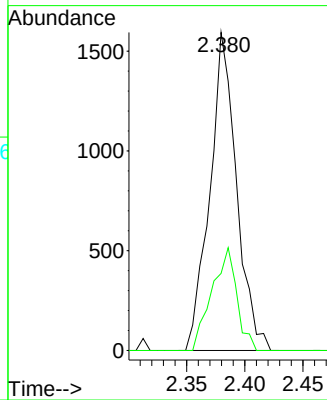


Tgt Ion: 43 Resp: 2547

Ion Ratio Lower Upper

43 100

58 24.2 21.6 32.4



#33

1,2-Dichloroethane-d4

Concen: 43.038 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044593.D

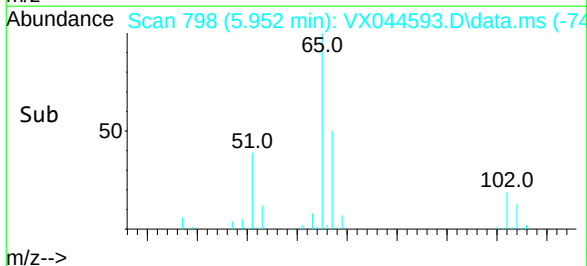
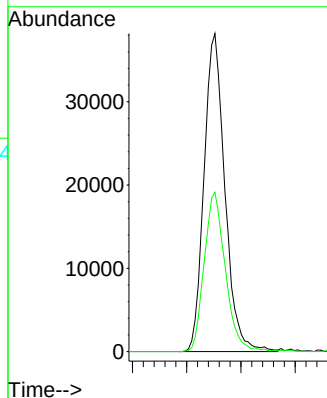
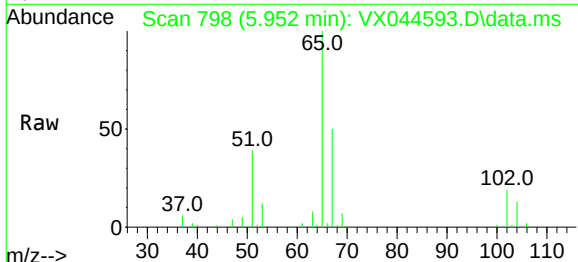
Acq: 06 Jan 2025 14:18

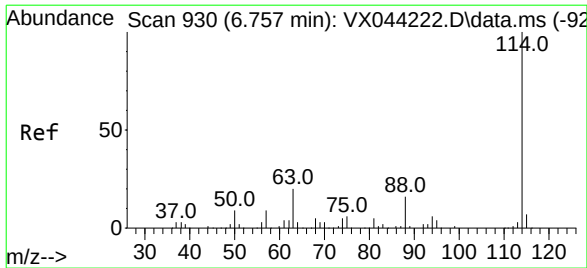
Tgt Ion: 65 Resp: 101966

Ion Ratio Lower Upper

65 100

67 50.7 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: VX044593.D

Acq: 06 Jan 2025 14:18

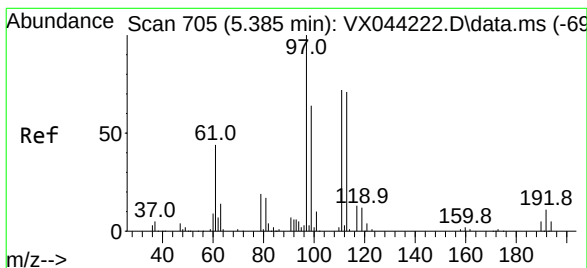
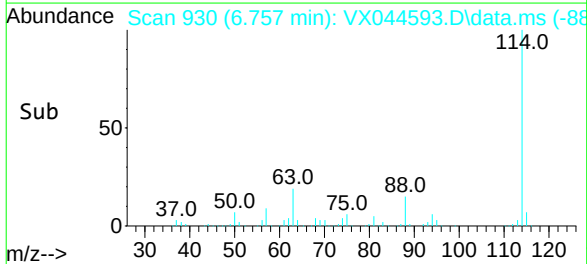
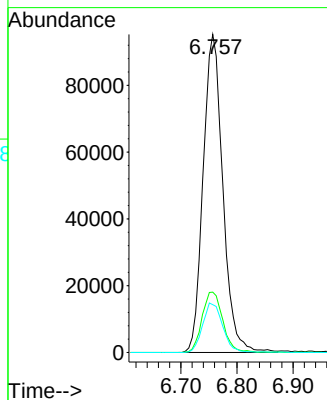
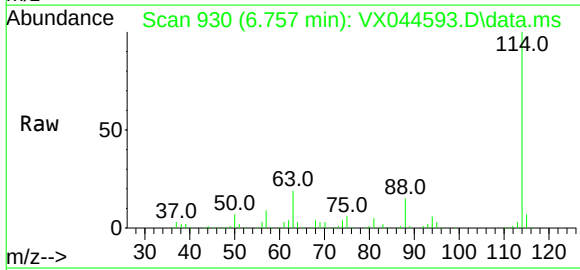
Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-190A-GW-778-780

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 232671 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 19.0  | 0.0   | 40.6   |
| 88        | 15.0  | 0.0   | 31.8   |



#35

Dibromofluoromethane

Concen: 50.909 ug/l

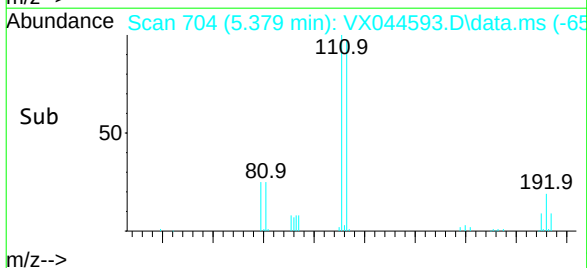
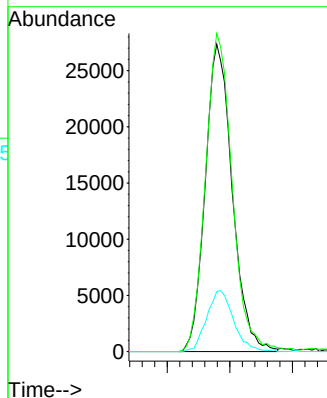
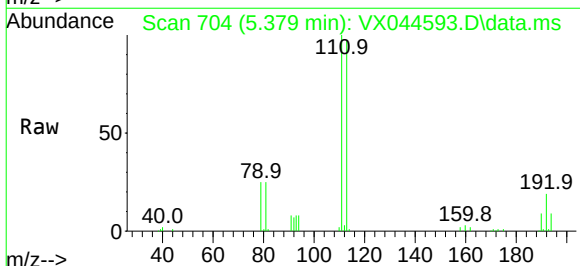
RT: 5.379 min Scan# 704

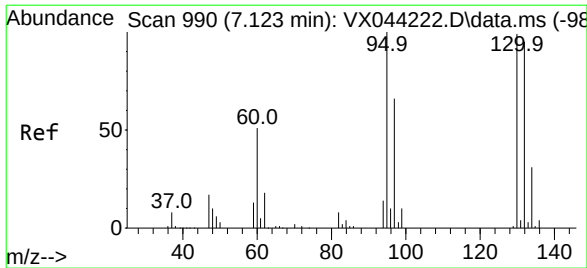
Delta R.T. -0.006 min

Lab File: VX044593.D

Acq: 06 Jan 2025 14:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 82037 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 102.6 | 80.4  | 120.6 |
| 192       | 19.8  | 13.3  | 19.9  |





#44

Trichloroethene

Concen: 4.263 ug/l

RT: 7.129 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX044593.D

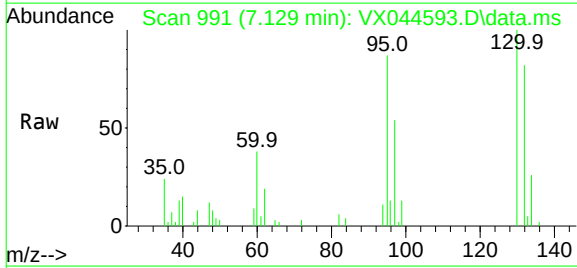
Acq: 06 Jan 2025 14:18

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-190A-GW-778-780

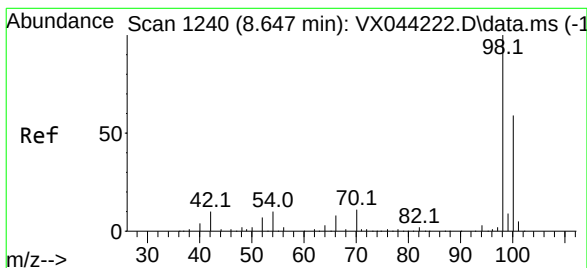
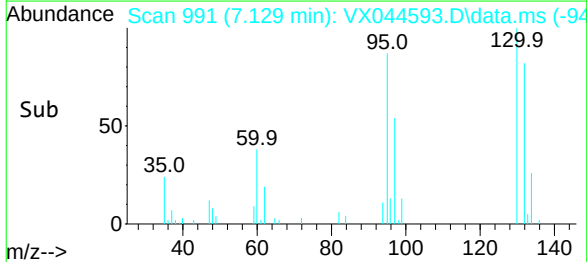
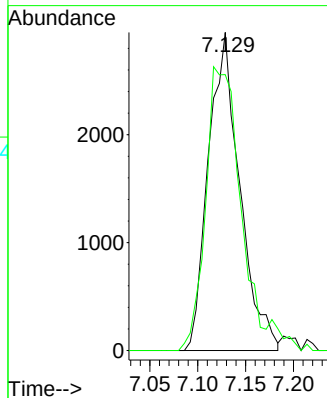


Tgt Ion:130 Resp: 6723

Ion Ratio Lower Upper

130 100

95 86.7 0.0 201.4



#50

Toluene-d8

Concen: 55.348 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044593.D

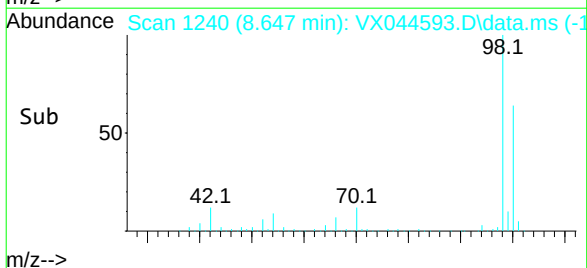
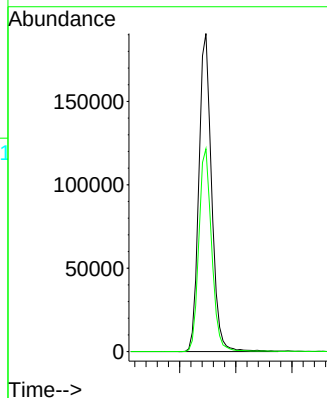
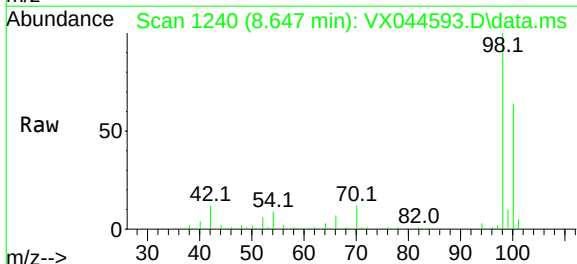
Acq: 06 Jan 2025 14:18

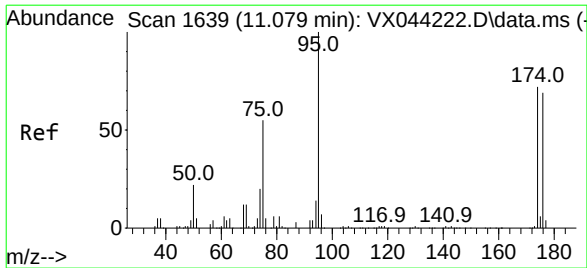
Tgt Ion: 98 Resp: 300906

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 52.453 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044593.D

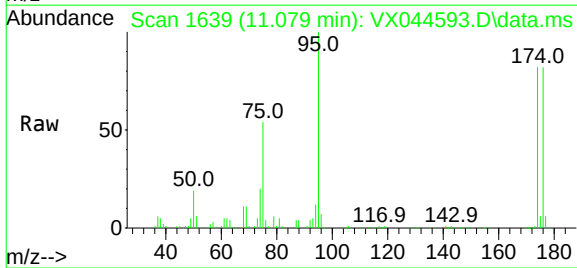
Acq: 06 Jan 2025 14:18

Instrument :

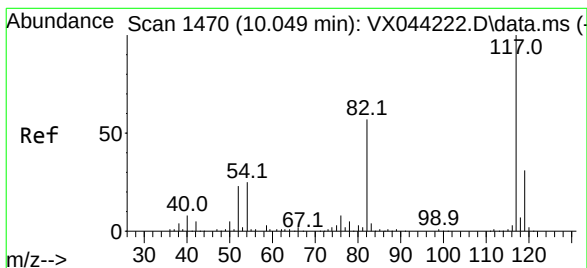
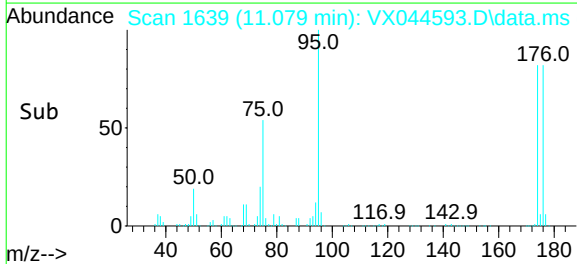
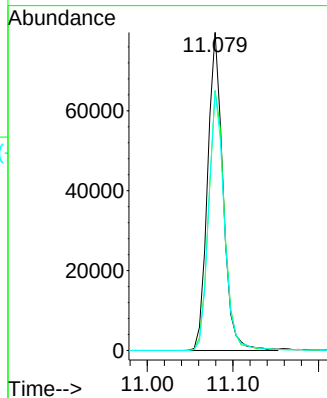
MSVOA\_X

ClientSampleId :

BP-VPB-190A-GW-778-780



| Tgt Ion:  | 95    | Resp: | 99643 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 84.4  | 0.0   | 145.8 |
| 176       | 82.5  | 0.0   | 137.8 |



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

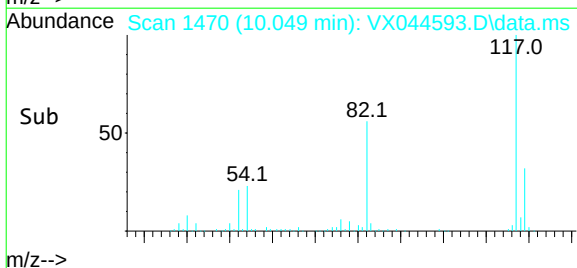
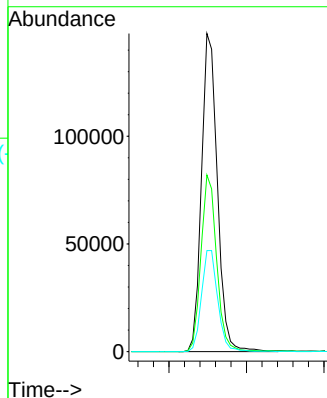
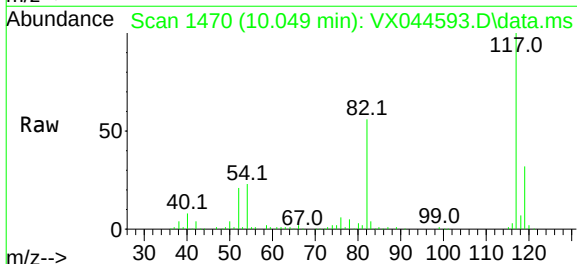
RT: 10.049 min Scan# 1470

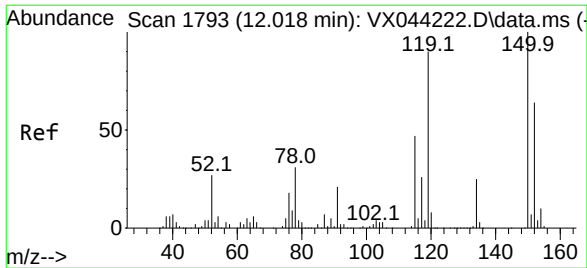
Delta R.T. -0.000 min

Lab File: VX044593.D

Acq: 06 Jan 2025 14:18

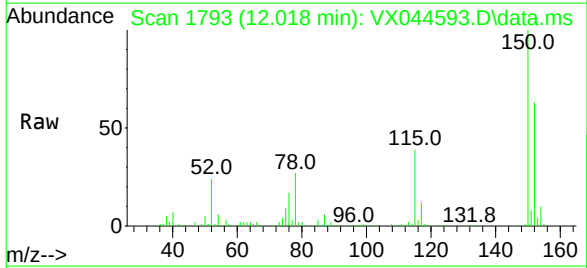
| Tgt Ion:  | 117   | Resp: | 210076 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 55.5  | 45.8  | 68.8   |
| 119       | 31.8  | 25.0  | 37.4   |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 17  
 Delta R.T. -0.000 min  
 Lab File: VX044593.D  
 Acq: 06 Jan 2025 14:18

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-190A-GW-778-780



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 95481 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 58.9  | 44.5  | 133.3 |
| 150      | 157.4 | 0.0   | 353.8 |

