

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061824\  
 Data File : VX041927.D  
 Acq On : 18 Jun 2024 16:47  
 Operator : JC/MD  
 Sample : P2928-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-196-GW-560-562

Quant Time: Jun 19 08:13:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 19 07:57:22 2024  
 Response via : Initial Calibration

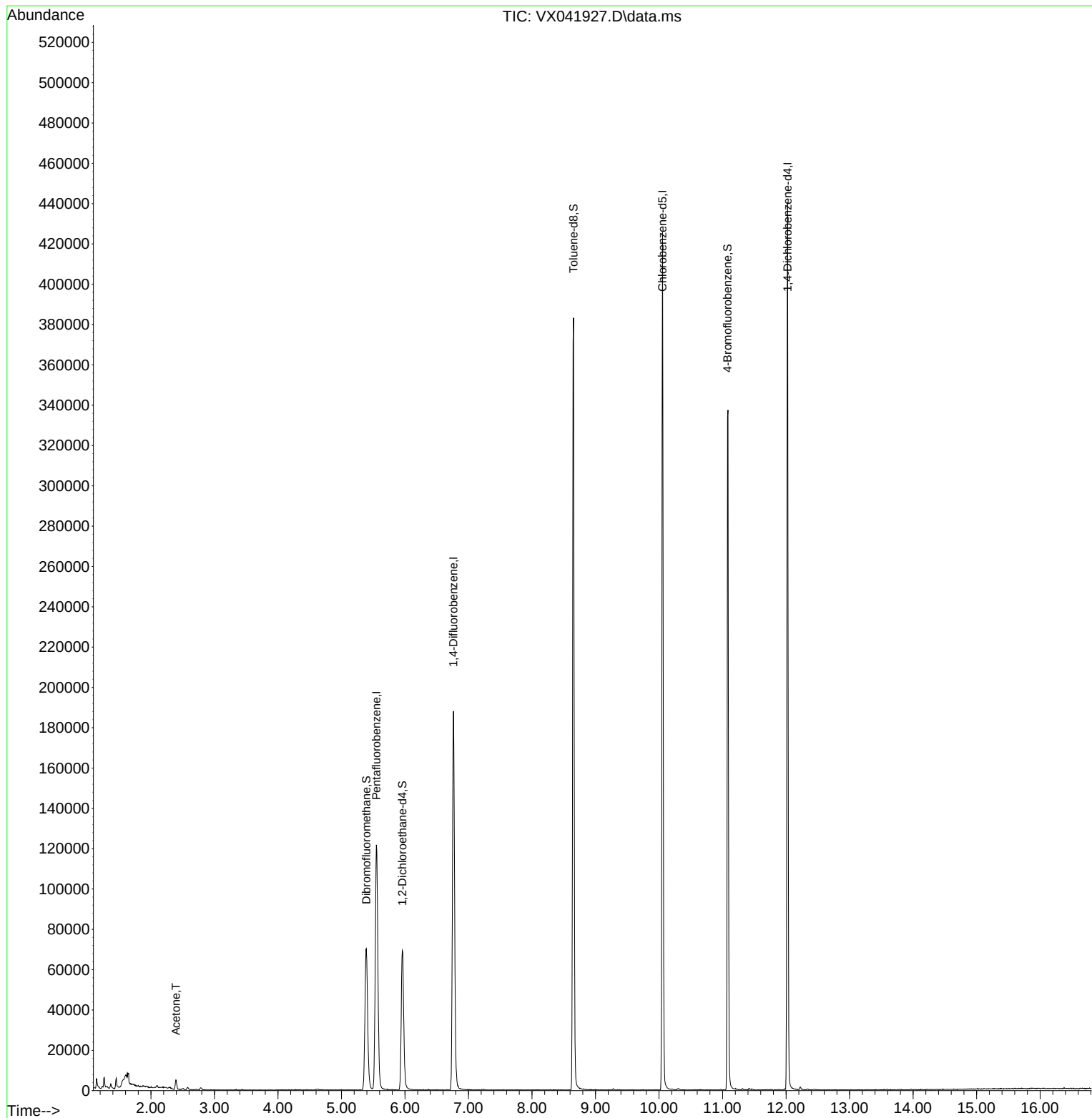
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.550  | 168   | 135902   | 50.000   | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 206392   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 207441   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 104341   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 67947    | 43.358   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 86.720%   |
| 35) Dibromofluoromethane    | 5.391  | 113   | 63887    | 43.625   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 87.260%   |
| 50) Toluene-d8              | 8.653  | 98    | 243538   | 47.337   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 94.680%   |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 91918    | 48.468   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 96.940%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 2.392  | 43    | 5269     | 7.657    | ug/l  | Qvalue 99 |
| -----                       |        |       |          |          |       |           |

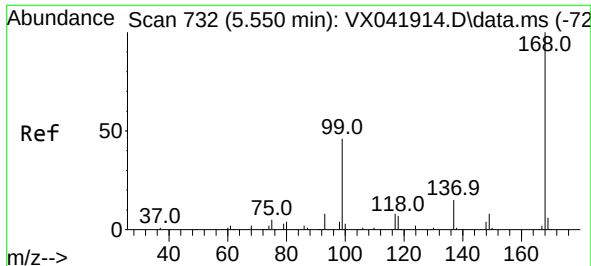
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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BP-VPB-196-GW-560-562

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Quant Title : SW846 8260  
QLast Update : Wed Jun 19 07:57:22 2024  
Response via : Initial Calibration

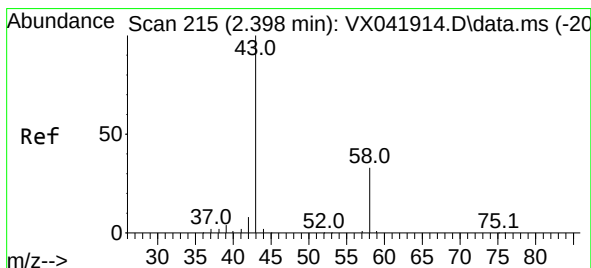
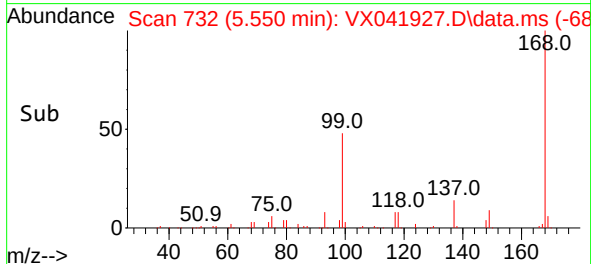
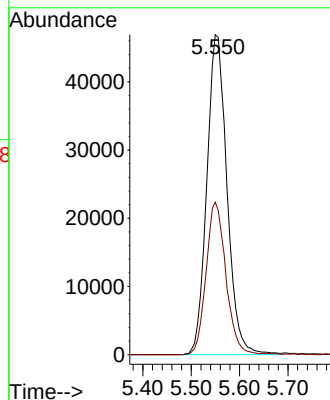
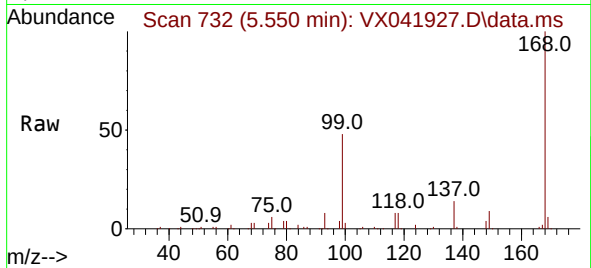




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX041927.D  
Acq: 18 Jun 2024 16:47

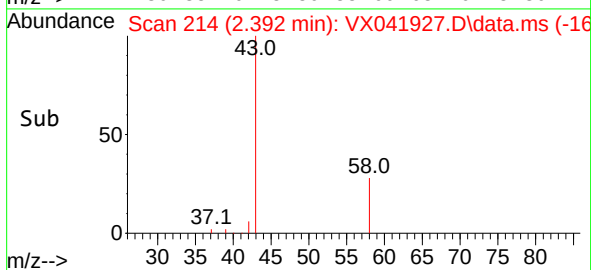
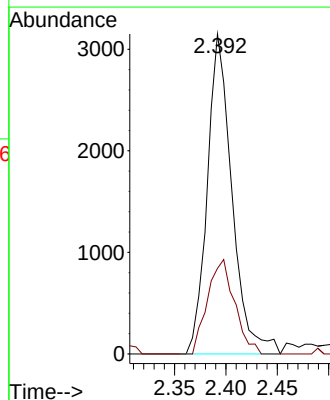
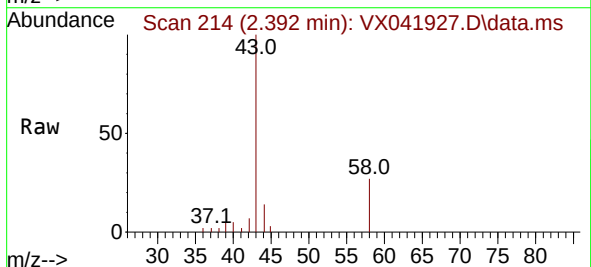
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-196-GW-560-562

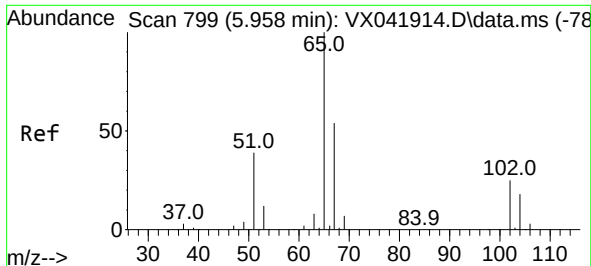
Tgt Ion:168 Resp: 135902  
Ion Ratio Lower Upper  
168 100  
99 47.7 56.6 85.0#



#16  
Acetone  
Concen: 7.657 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX041927.D  
Acq: 18 Jun 2024 16:47

Tgt Ion: 43 Resp: 5269  
Ion Ratio Lower Upper  
43 100  
58 26.7 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 43.358 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX041927.D

Acq: 18 Jun 2024 16:47

Instrument :

MSVOA\_X

ClientSampleId :

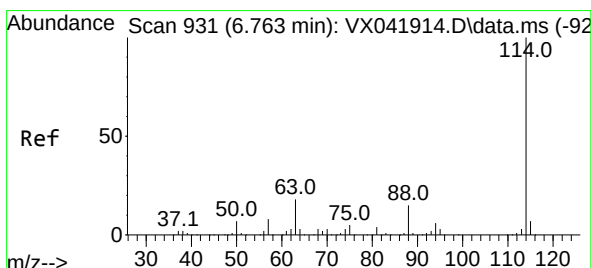
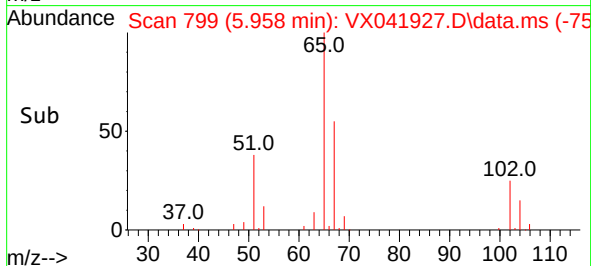
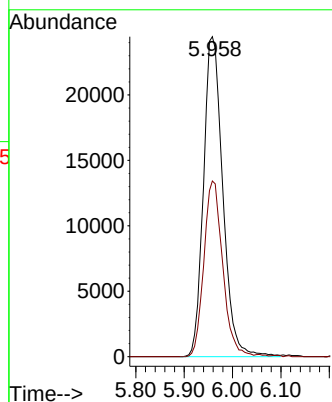
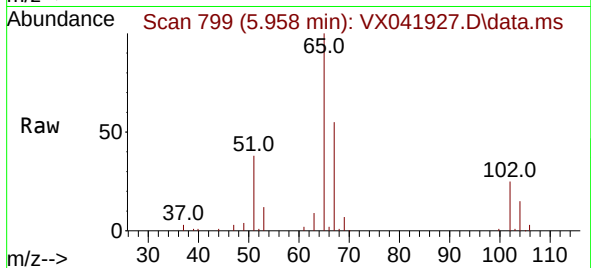
BP-VPB-196-GW-560-562

Tgt Ion: 65 Resp: 67947

Ion Ratio Lower Upper

65 100

67 53.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041927.D

Acq: 18 Jun 2024 16:47

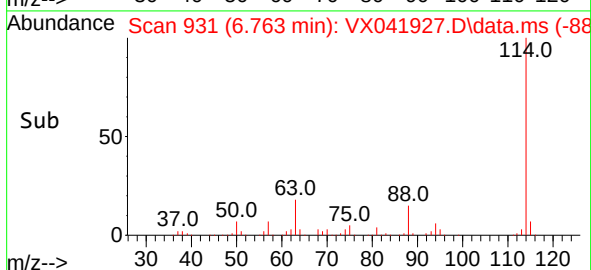
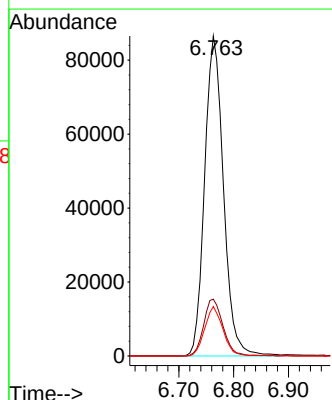
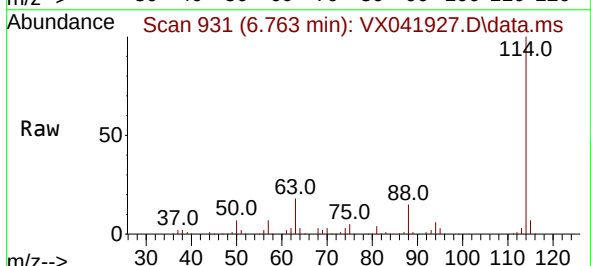
Tgt Ion: 114 Resp: 206392

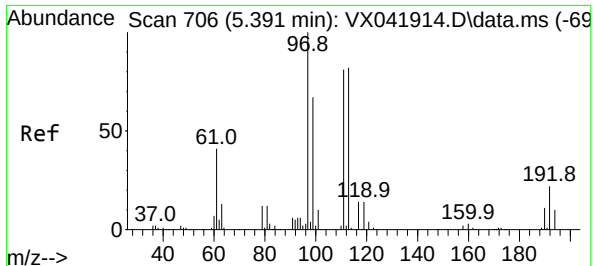
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.625 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX041927.D

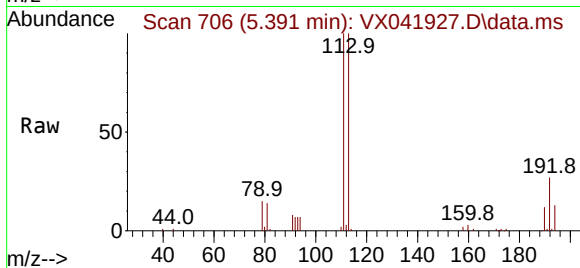
Acq: 18 Jun 2024 16:47

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-196-GW-560-562



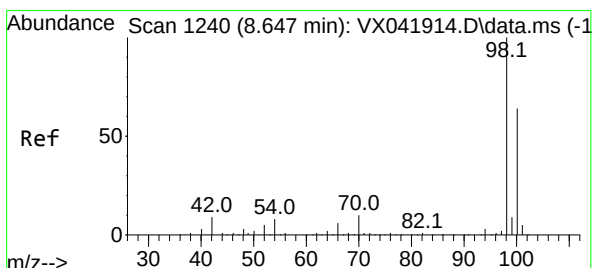
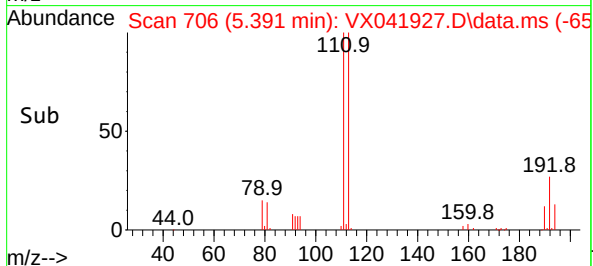
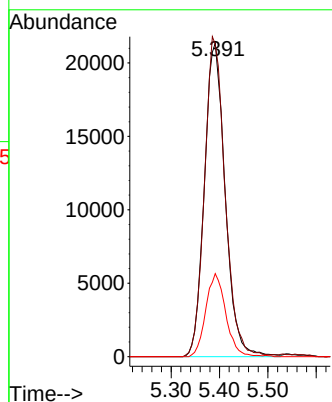
Tgt Ion:113 Resp: 63887

Ion Ratio Lower Upper

113 100

111 100.9 82.9 124.3

192 25.4 13.3 19.9#



#50

Toluene-d8

Concen: 47.337 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX041927.D

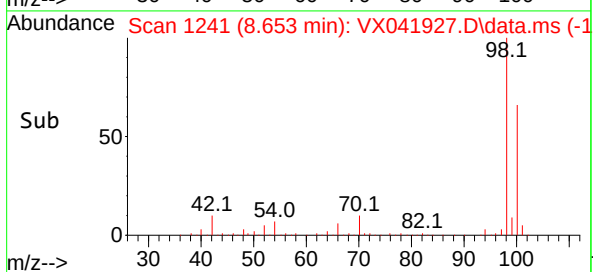
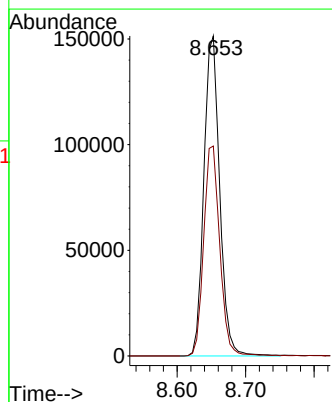
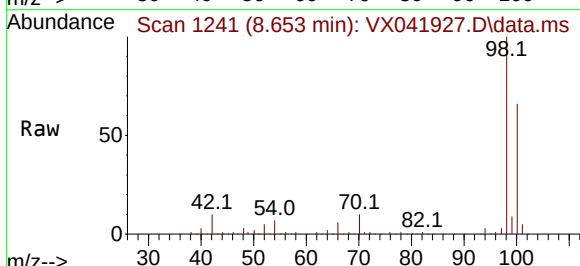
Acq: 18 Jun 2024 16:47

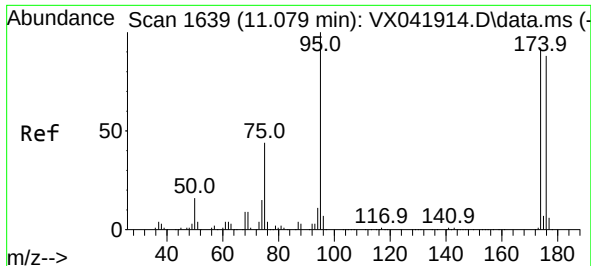
Tgt Ion: 98 Resp: 243538

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7

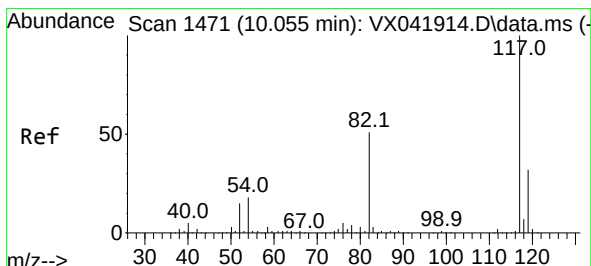
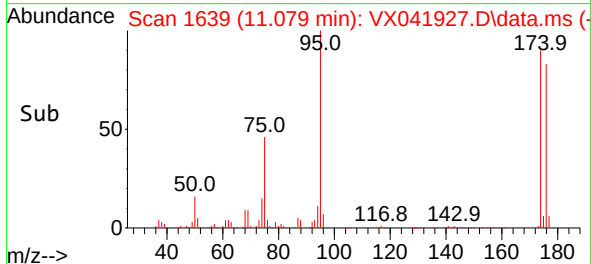
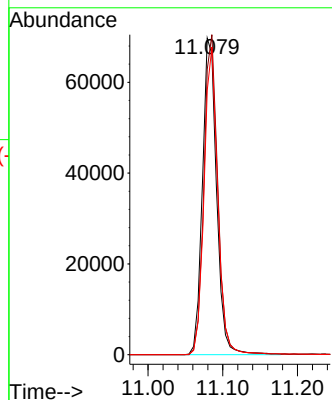
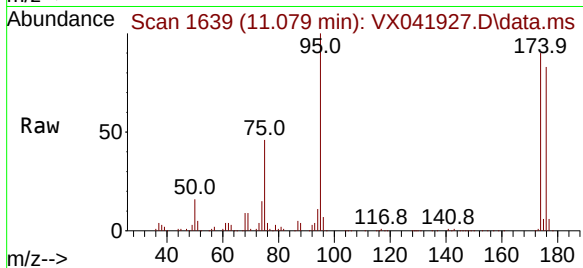




#62  
4-Bromofluorobenzene  
Concen: 48.468 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX041927.D  
Acq: 18 Jun 2024 16:47

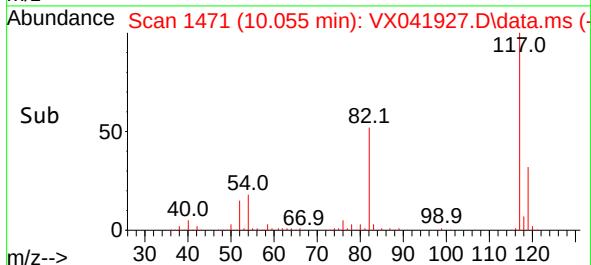
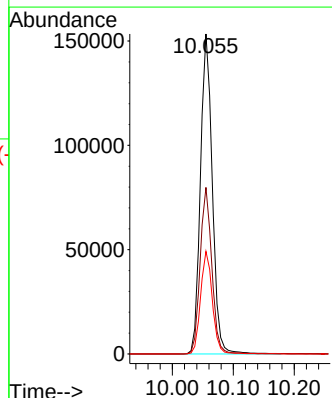
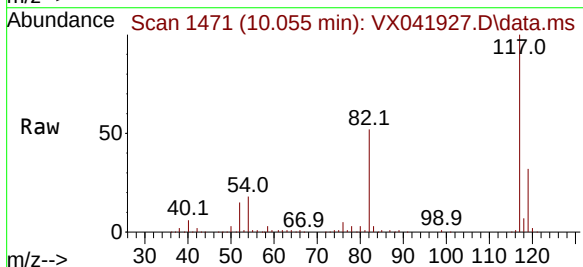
Instrument :  
MSVOA\_X  
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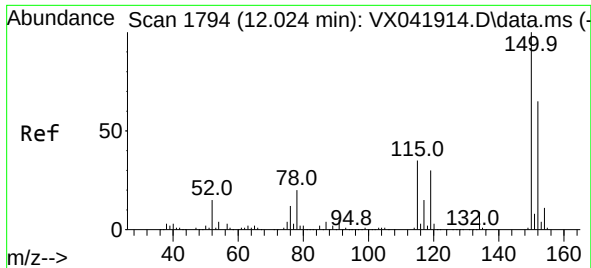
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 91918 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 99.2  | 0.0   | 135.6 |
| 176      | 94.4  | 0.0   | 131.0 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX041927.D  
Acq: 18 Jun 2024 16:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 207441 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 52.1  | 46.2  | 69.4   |
| 119      | 32.0  | 25.5  | 38.3   |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041927.D

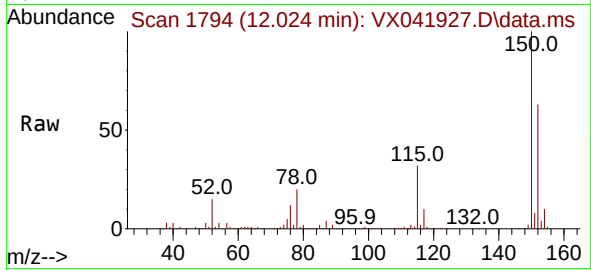
Acq: 18 Jun 2024 16:47

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-196-GW-560-562



Tgt Ion:152 Resp: 104341

Ion Ratio Lower Upper

152 100

115 52.4 43.3 129.9

150 155.6 0.0 345.0

