

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070524\  
 Data File : VX042209.D  
 Acq On : 05 Jul 2024 13:22  
 Operator : JC/MD  
 Sample : P3167-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-196-TB-20240627

Quant Time: Jul 05 23:21:37 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 21 23:51:58 2024  
 Response via : Initial Calibration

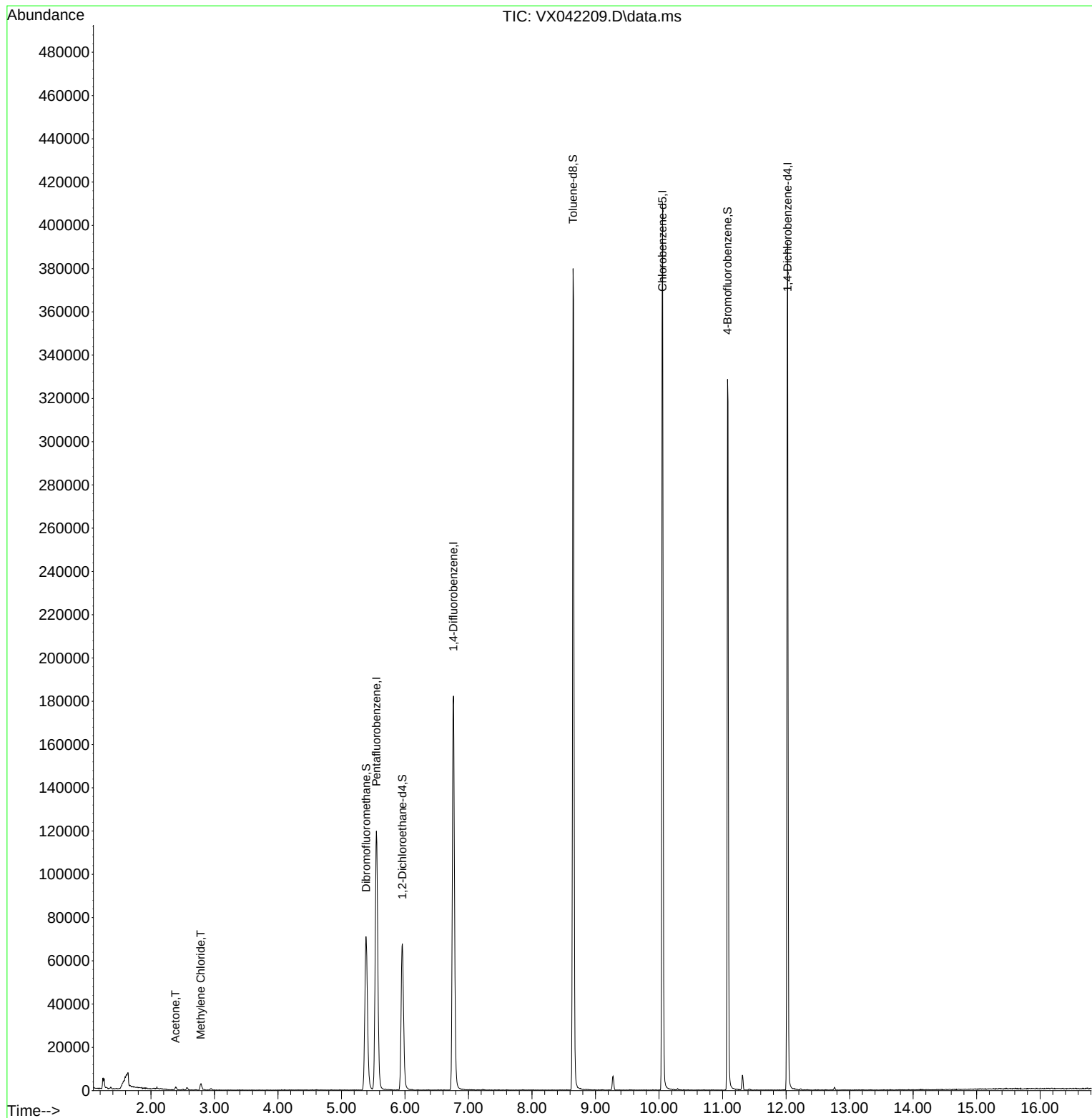
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 133147   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 205492   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 203872   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 93342    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 66623    | 43.393   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 86.780%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 64545    | 44.267   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 88.540%  |
| 50) Toluene-d8              | 8.647  | 98    | 240720   | 46.995   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 93.980%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 88877    | 47.070   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 94.140%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 1503     | 2.229    | ug/l   | 93       |
| 20) Methylene Chloride      | 2.782  | 84    | 1911     | 1.295    | ug/l   | # 77     |
| -----                       |        |       |          |          |        |          |

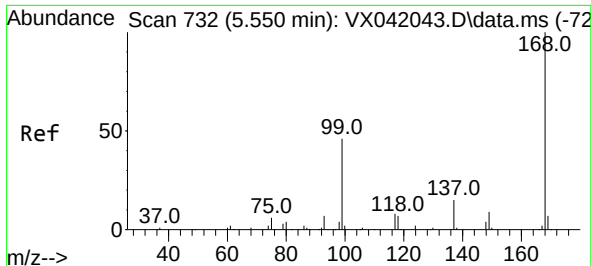
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

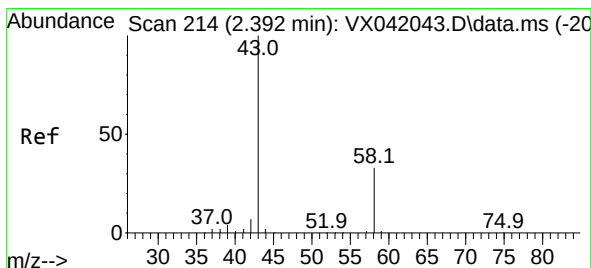
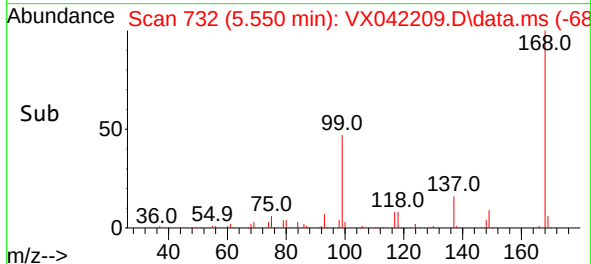
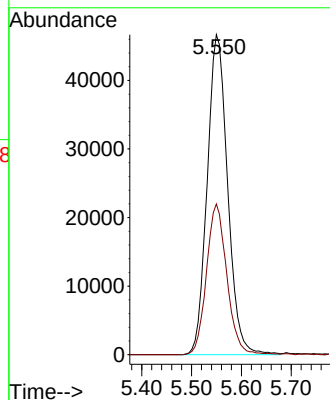
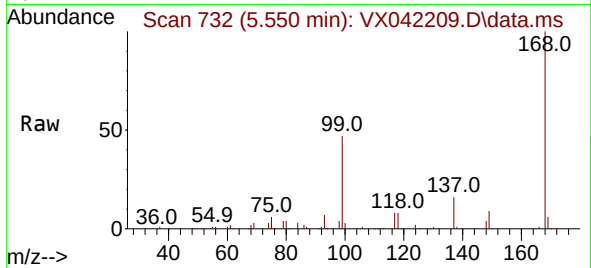




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX042209.D  
Acq: 05 Jul 2024 13:22

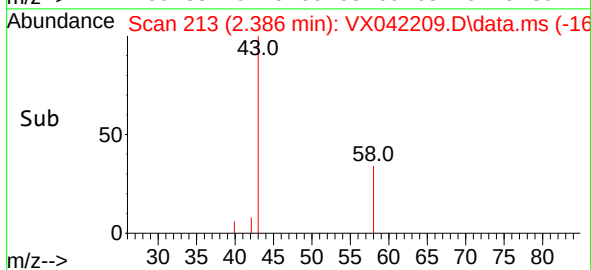
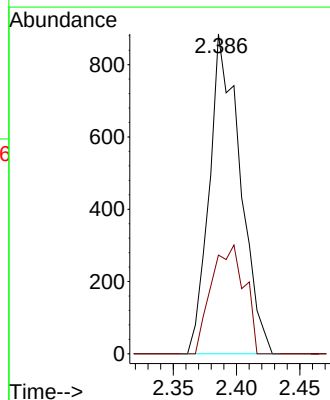
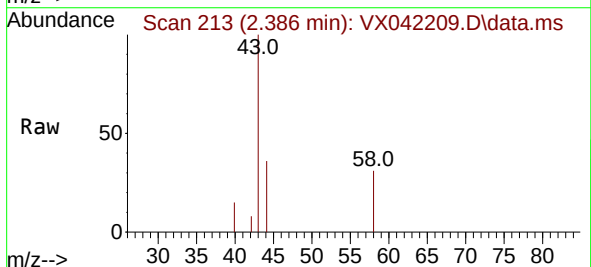
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-196-TB-20240627

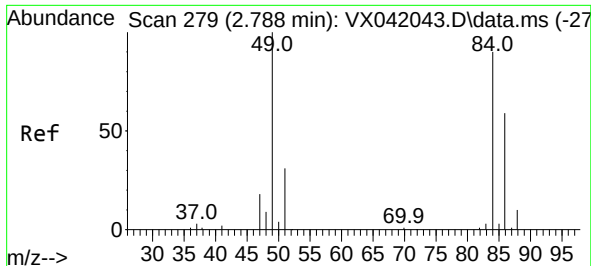
Tgt Ion:168 Resp: 133147  
Ion Ratio Lower Upper  
168 100  
99 47.1 56.6 85.0#



#16  
Acetone  
Concen: 2.229 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.012 min  
Lab File: VX042209.D  
Acq: 05 Jul 2024 13:22

Tgt Ion: 43 Resp: 1503  
Ion Ratio Lower Upper  
43 100  
58 30.8 21.9 32.9





#20

Methylene Chloride

Concen: 1.295 ug/l

RT: 2.782 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX042209.D

Acq: 05 Jul 2024 13:22

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-196-TB-20240627

Tgt Ion: 84 Resp: 1911

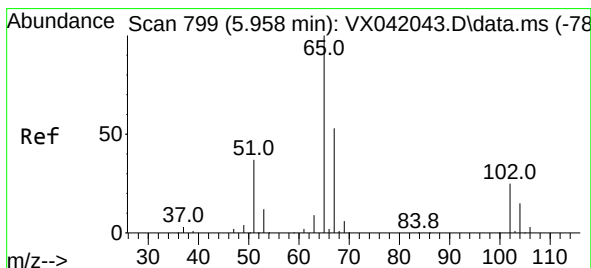
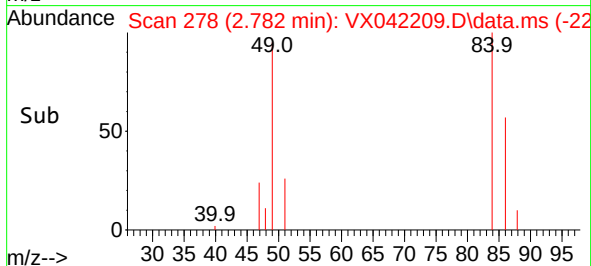
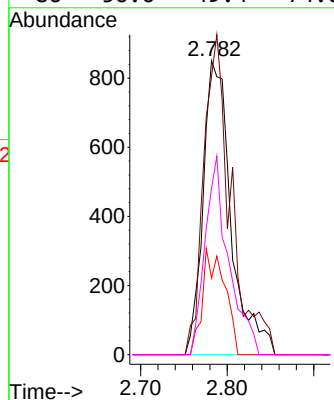
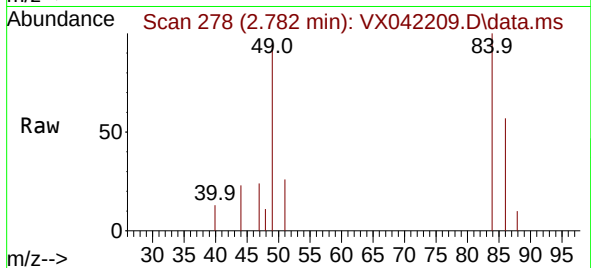
Ion Ratio Lower Upper

84 100

49 94.7 103.6 155.4#

51 26.0 33.8 50.6#

86 56.6 49.4 74.0



#33

1,2-Dichloroethane-d4

Concen: 43.393 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042209.D

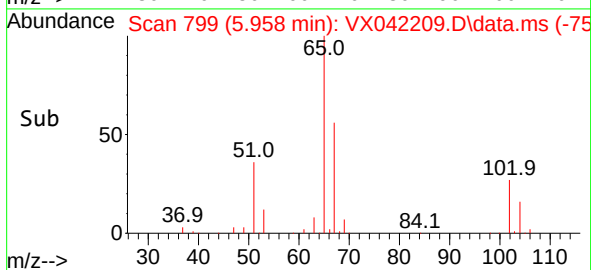
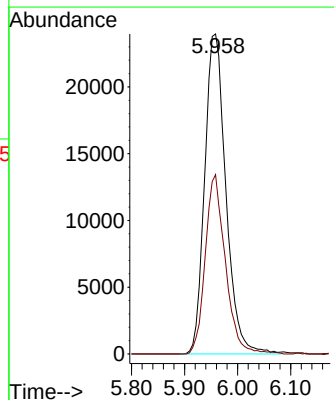
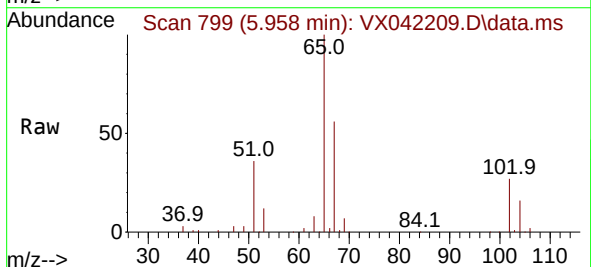
Acq: 05 Jul 2024 13:22

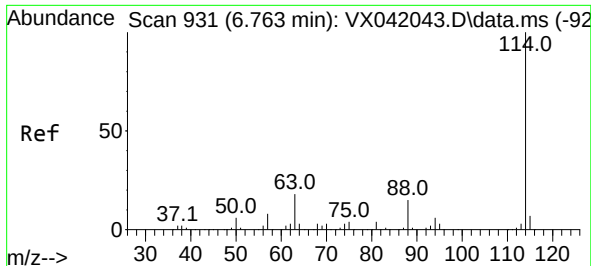
Tgt Ion: 65 Resp: 66623

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2

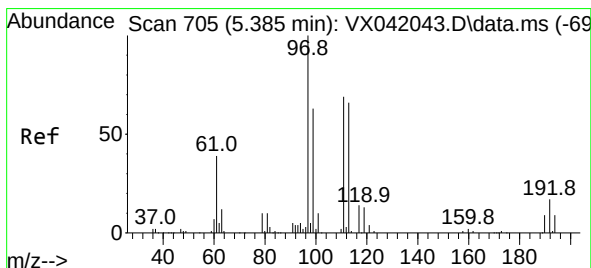
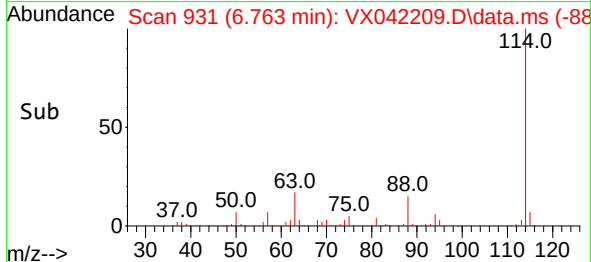
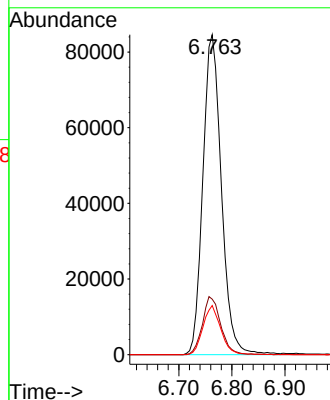
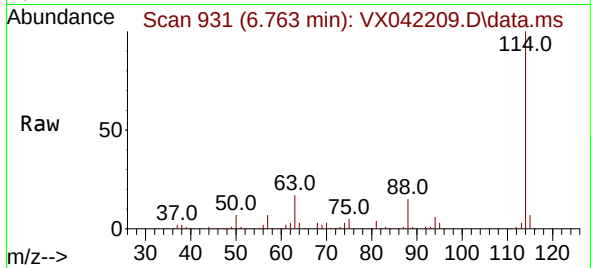




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX042209.D  
Acq: 05 Jul 2024 13:22

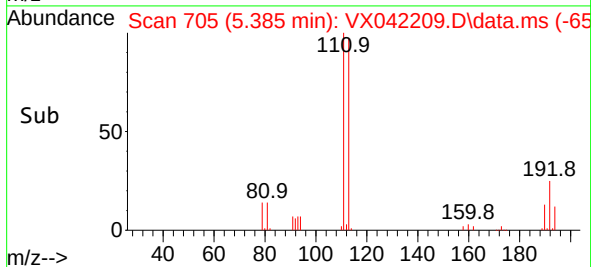
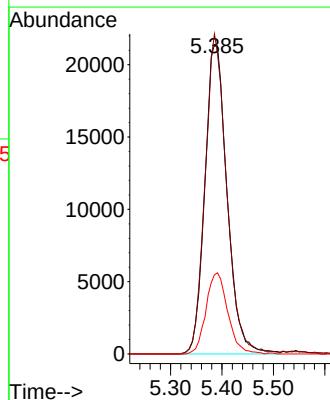
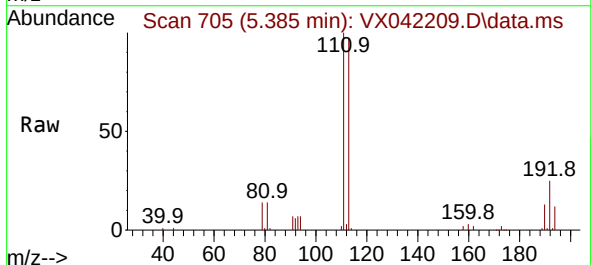
Instrument :  
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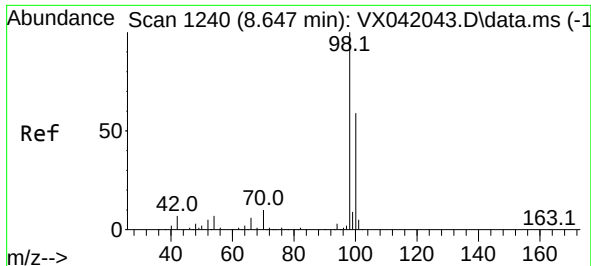
Tgt Ion:114 Resp: 205492  
Ion Ratio Lower Upper  
114 100  
63 17.4 0.0 45.0  
88 15.4 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 44.267 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX042209.D  
Acq: 05 Jul 2024 13:22

Tgt Ion:113 Resp: 64545  
Ion Ratio Lower Upper  
113 100  
111 100.0 82.9 124.3  
192 25.5 13.3 19.9#

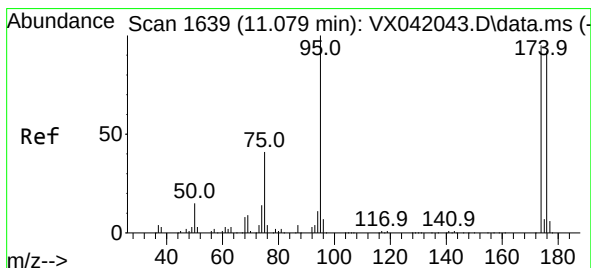
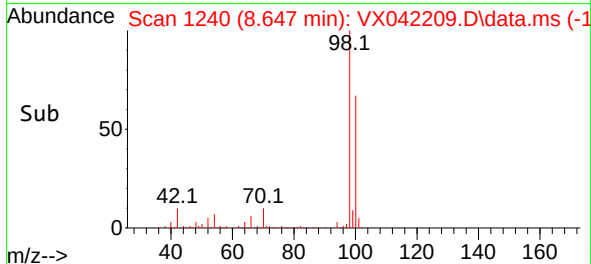
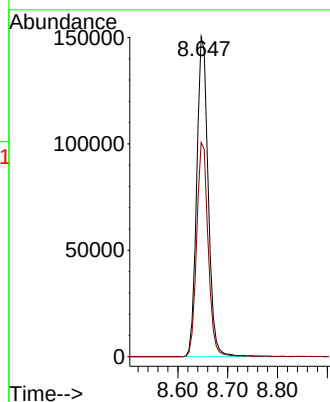
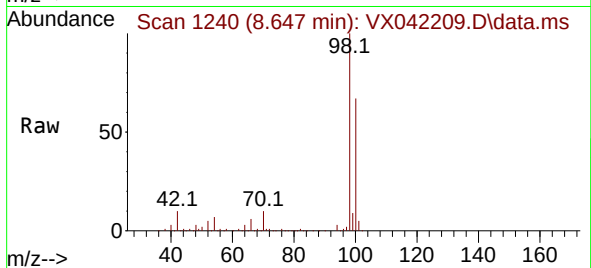




#50  
Toluene-d8  
Concen: 46.995 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX042209.D  
Acq: 05 Jul 2024 13:22

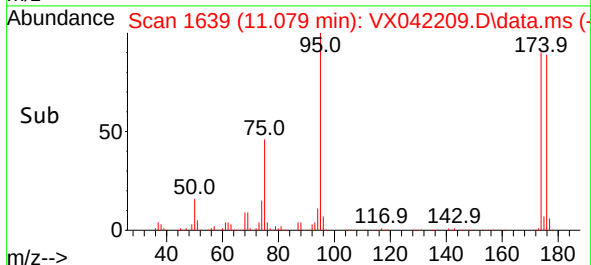
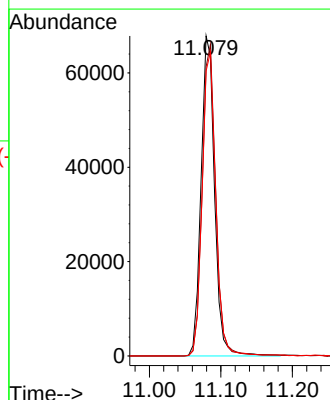
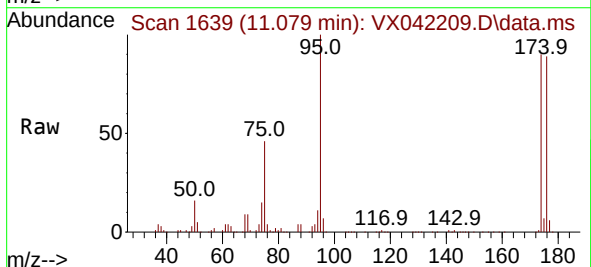
Instrument : MSVOA\_X  
ClientSampleId : BP-VPB-196-TB-20240627

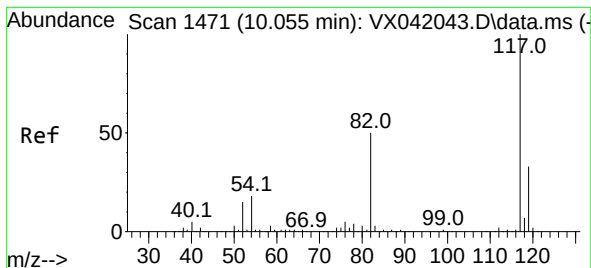
Tgt Ion: 98 Resp: 240720  
Ion Ratio Lower Upper  
98 100  
100 66.8 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 47.070 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX042209.D  
Acq: 05 Jul 2024 13:22

Tgt Ion: 95 Resp: 88877  
Ion Ratio Lower Upper  
95 100  
174 98.0 0.0 135.6  
176 95.7 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: VX042209.D

Acq: 05 Jul 2024 13:22

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-196-TB-20240627

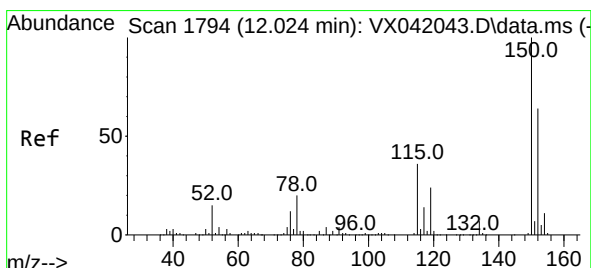
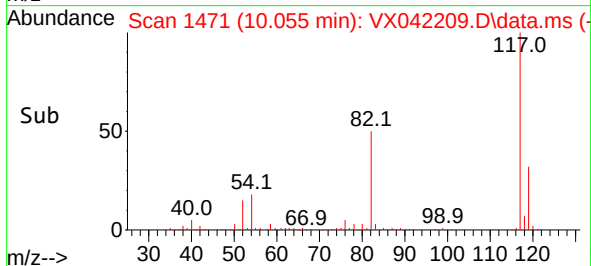
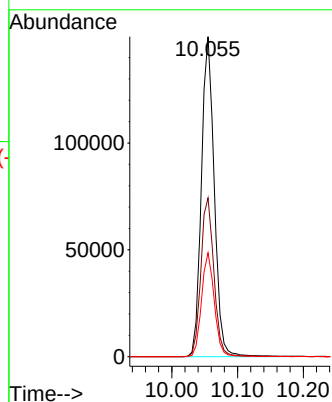
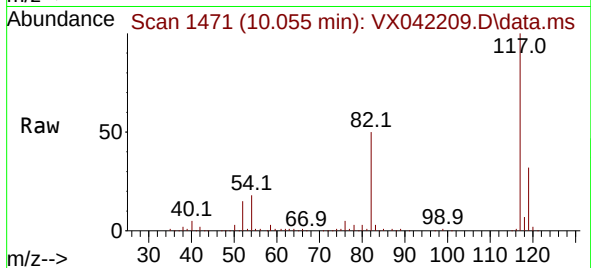
Tgt Ion:117 Resp: 203872

Ion Ratio Lower Upper

117 100

82 49.6 46.2 69.4

119 32.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX042209.D

Acq: 05 Jul 2024 13:22

Tgt Ion:152 Resp: 93342

Ion Ratio Lower Upper

152 100

115 53.1 43.3 129.9

150 154.9 0.0 345.0

