

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011724\  
 Data File : VX039797.D  
 Acq On : 17 Jan 2024 13:15  
 Operator : JC/MD  
 Sample : P1156-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SUMOGW-8-10-13

Quant Time: Jan 18 02:41:58 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 03:51:26 2024  
 Response via : Initial Calibration

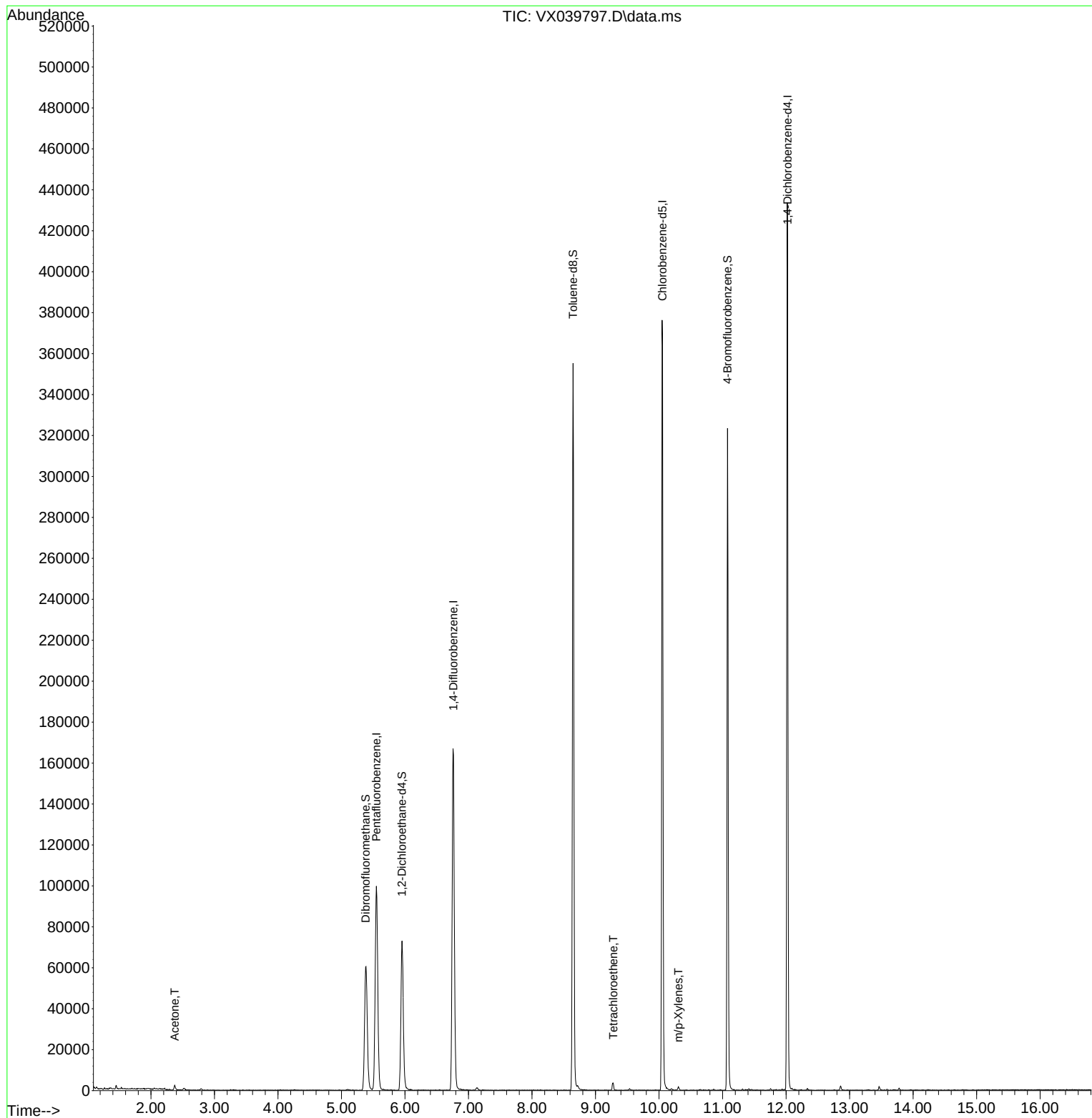
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 88345    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 165173   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 165979   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 83239    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 69083    | 46.681   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 93.360%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 53566    | 48.149   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 96.300%  |
| 50) Toluene-d8              | 8.647  | 98    | 207362   | 49.420   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 98.840%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 83934    | 51.154   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 102.300% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.374  | 43    | 2165     | 2.601    | ug/l # | 88       |
| 64) Tetrachloroethene       | 9.281  | 164   | 631      | 0.585    | ug/l   | 92       |
| 68) m/p-Xylenes             | 10.305 | 106   | 554      | 0.235    | ug/l   | 79       |
| -----                       |        |       |          |          |        |          |

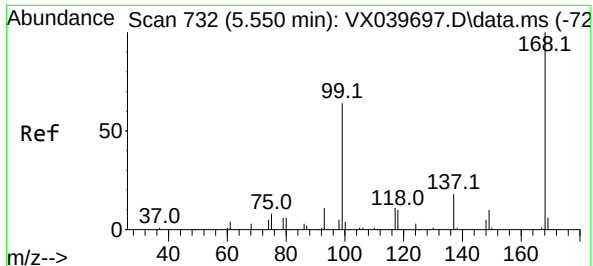
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011724\  
Data File : VX039797.D  
Acq On : 17 Jan 2024 13:15  
Operator : JC/MD  
Sample : P1156-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-8-10-13

Quant Time: Jan 18 02:41:58 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration

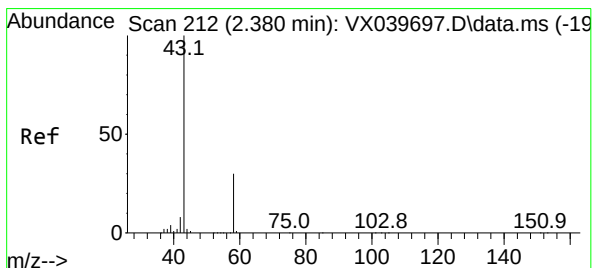
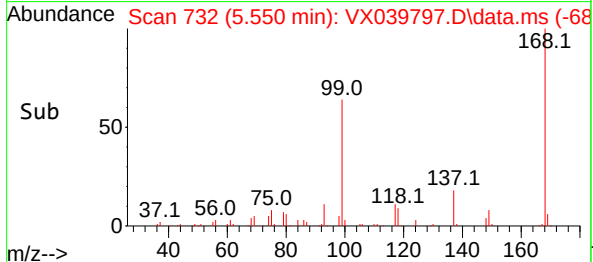
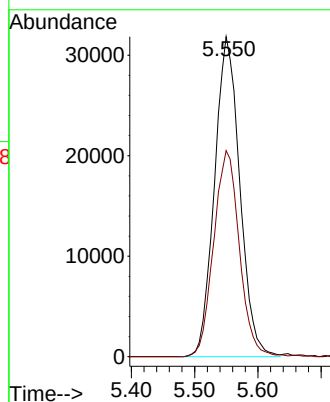
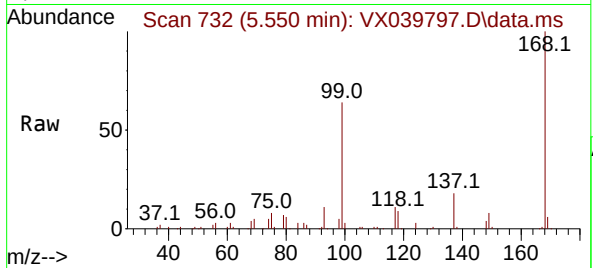




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX039797.D  
Acq: 17 Jan 2024 13:15

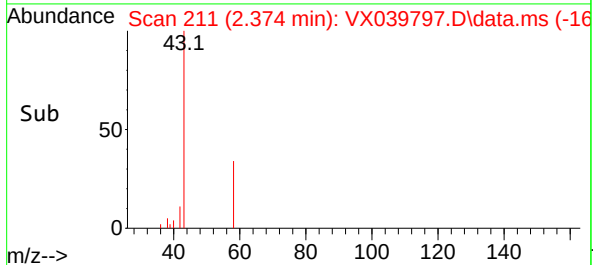
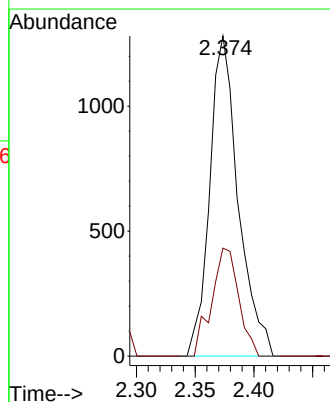
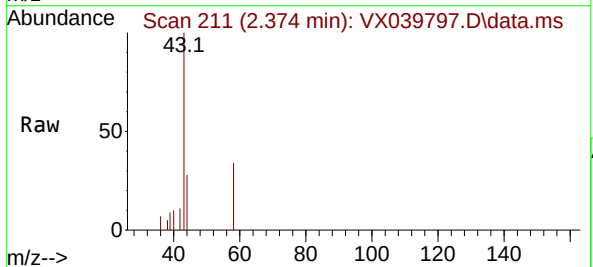
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-8-10-13

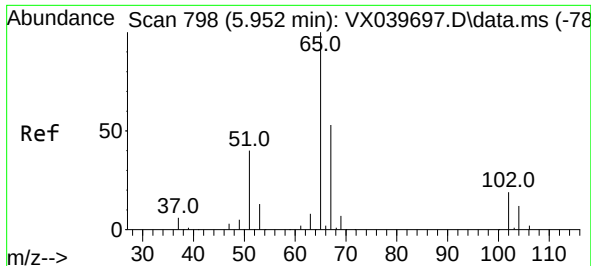
Tgt Ion:168 Resp: 88345  
Ion Ratio Lower Upper  
168 100  
99 64.4 56.6 85.0



#16  
Acetone  
Concen: 2.601 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX039797.D  
Acq: 17 Jan 2024 13:15

Tgt Ion: 43 Resp: 2165  
Ion Ratio Lower Upper  
43 100  
58 33.7 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 46.681 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039797.D

Acq: 17 Jan 2024 13:15

Instrument :

MSVOA\_X

ClientSampleId :

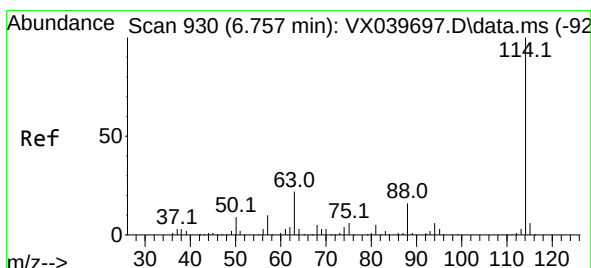
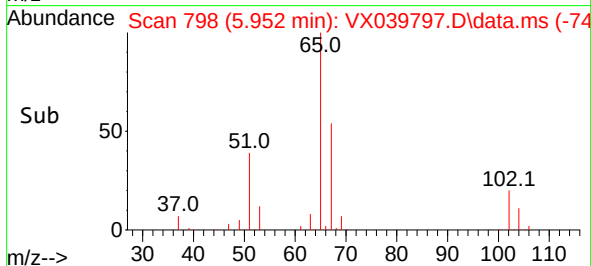
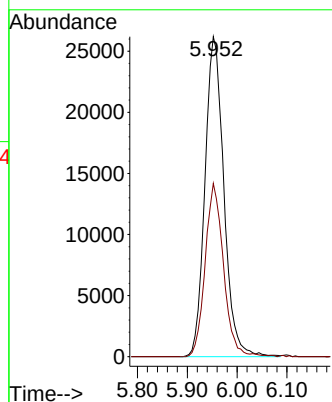
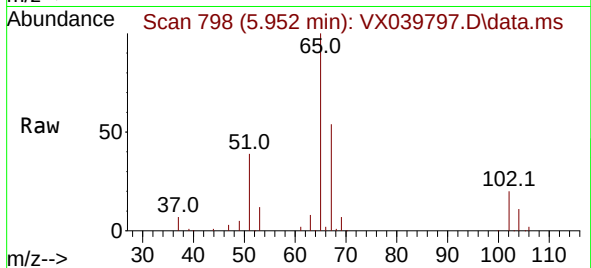
SUMOGW-8-10-13

Tgt Ion: 65 Resp: 69083

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039797.D

Acq: 17 Jan 2024 13:15

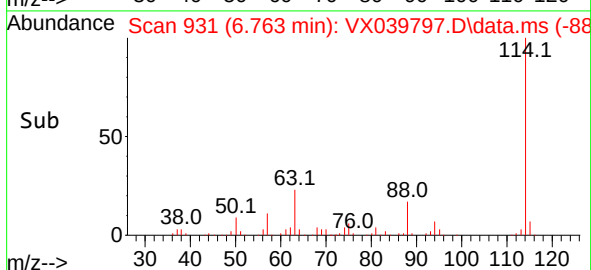
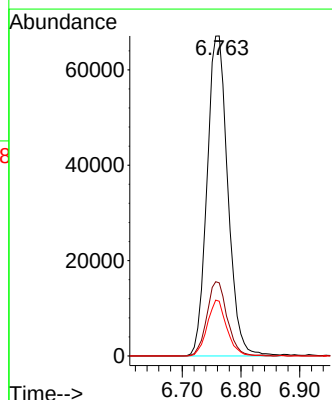
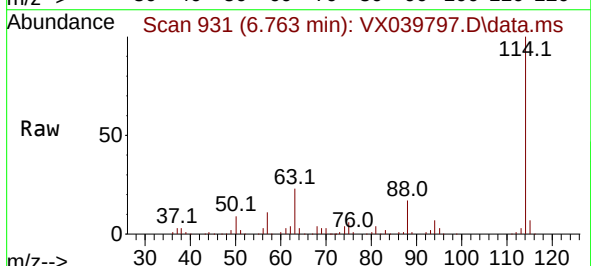
Tgt Ion: 114 Resp: 165173

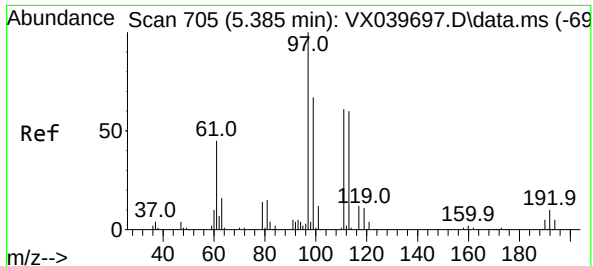
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.149 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039797.D

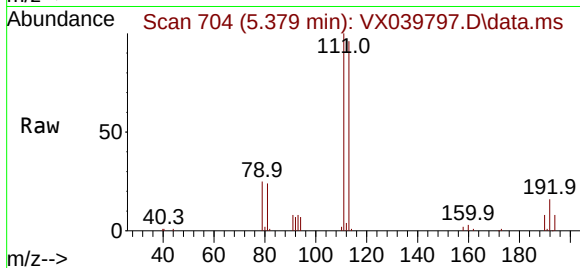
Acq: 17 Jan 2024 13:15

Instrument :

MSVOA\_X

ClientSampleId :

SUMOGW-8-10-13



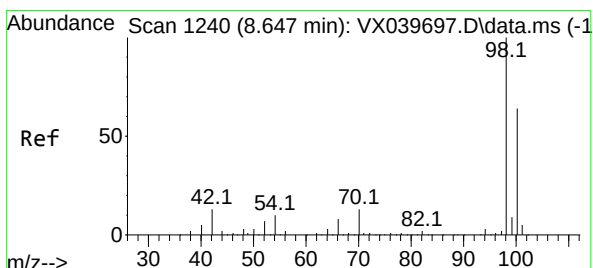
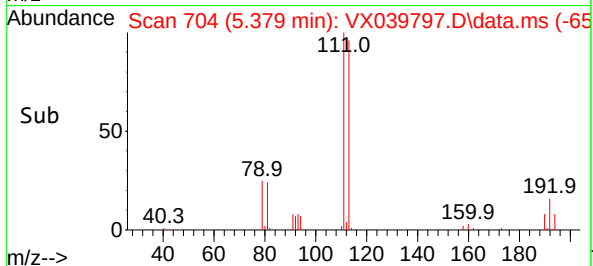
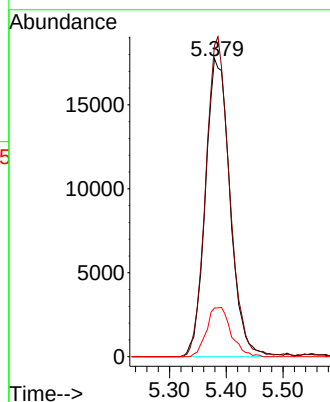
Tgt Ion:113 Resp: 53566

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

192 16.3 13.3 19.9



#50

Toluene-d8

Concen: 49.420 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039797.D

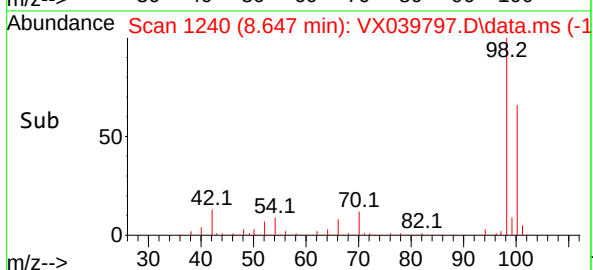
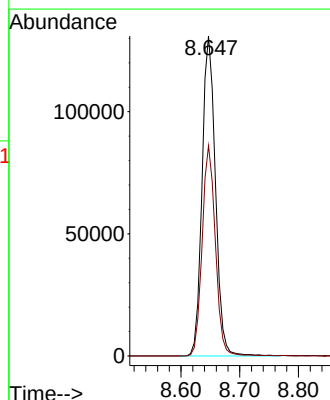
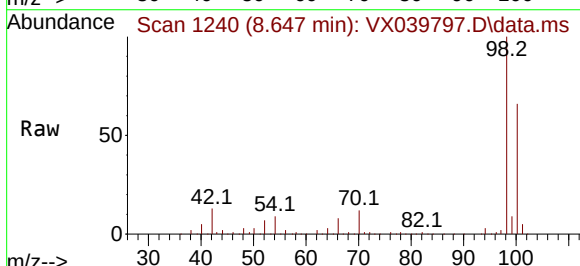
Acq: 17 Jan 2024 13:15

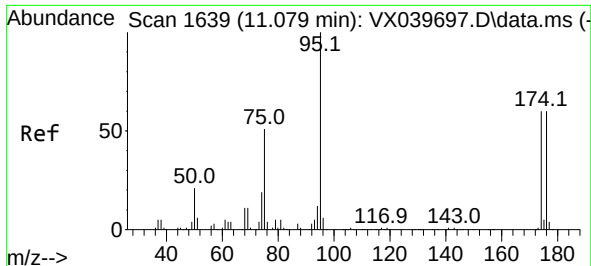
Tgt Ion: 98 Resp: 207362

Ion Ratio Lower Upper

98 100

100 65.0 53.1 79.7

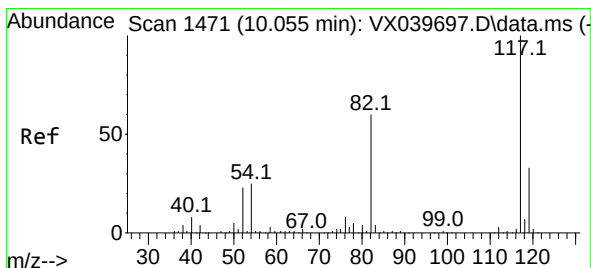
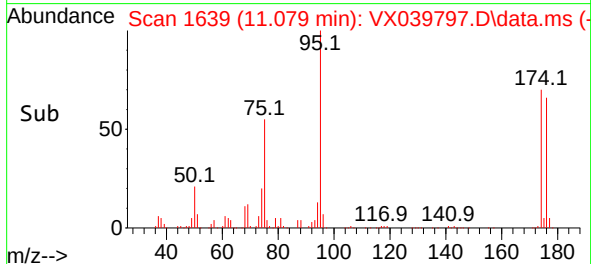
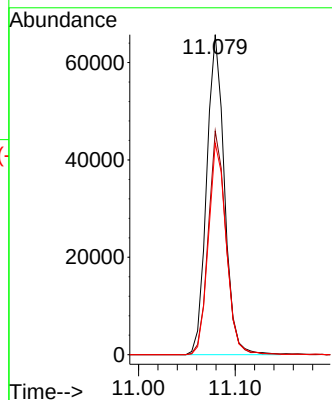
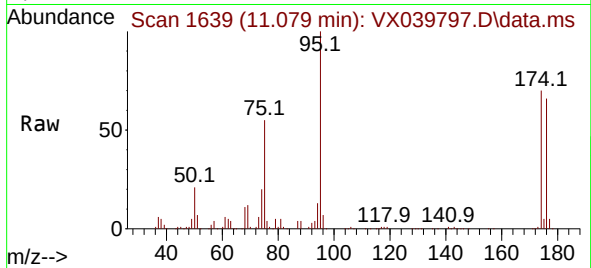




#62  
4-Bromofluorobenzene  
Concen: 51.154 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX039797.D  
Acq: 17 Jan 2024 13:15

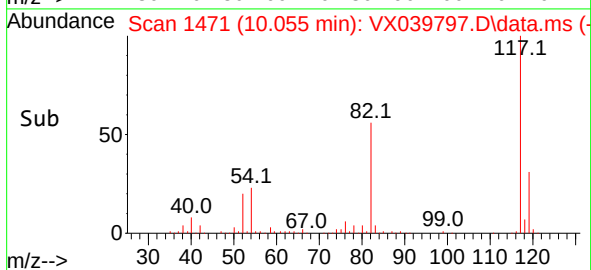
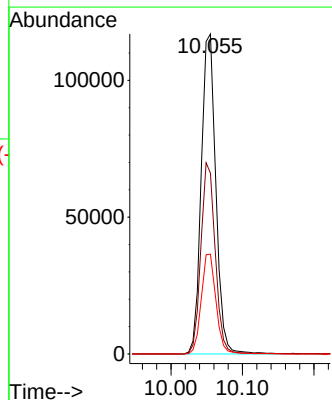
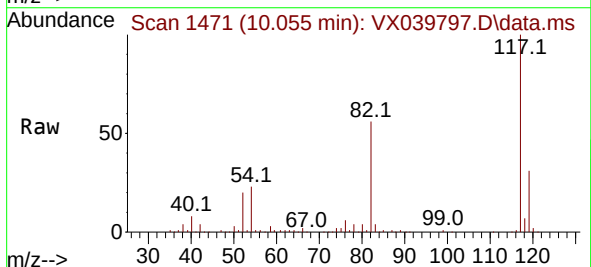
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-8-10-13

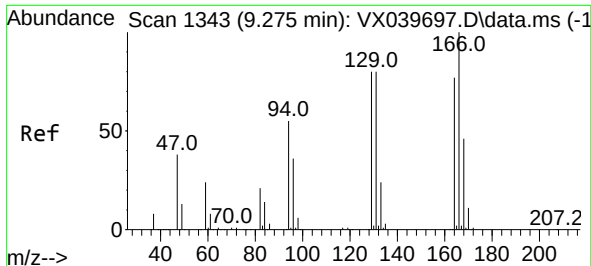
Tgt Ion: 95 Resp: 83934  
Ion Ratio Lower Upper  
95 100  
174 69.7 0.0 135.6  
176 66.7 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX039797.D  
Acq: 17 Jan 2024 13:15

Tgt Ion: 117 Resp: 165979  
Ion Ratio Lower Upper  
117 100  
82 56.5 46.2 69.4  
119 31.2 25.5 38.3

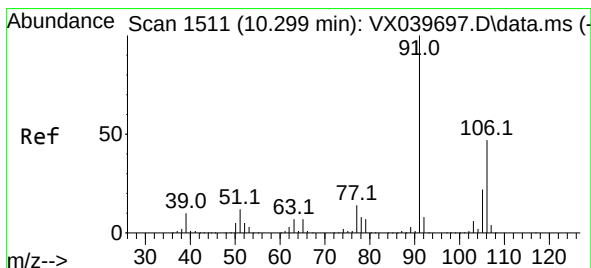
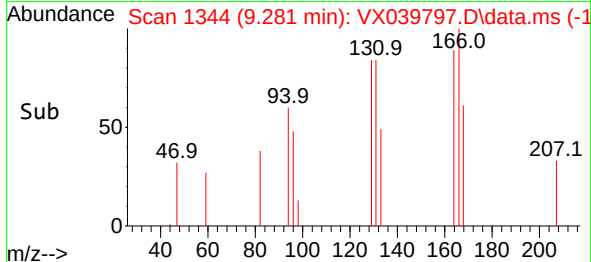
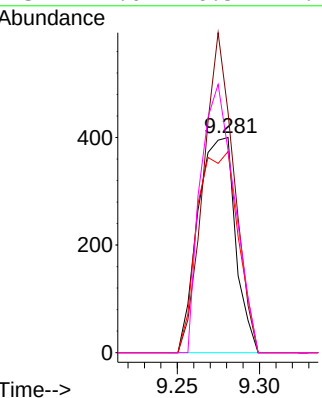
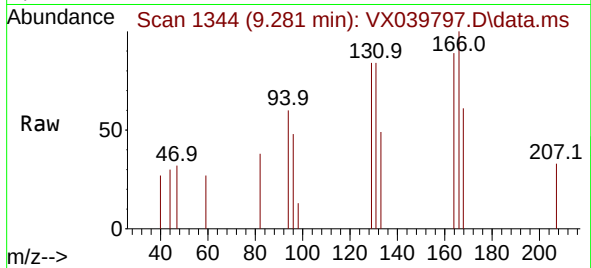




#64  
Tetrachloroethene  
Concen: 0.585 ug/l  
RT: 9.281 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX039797.D  
Acq: 17 Jan 2024 13:15

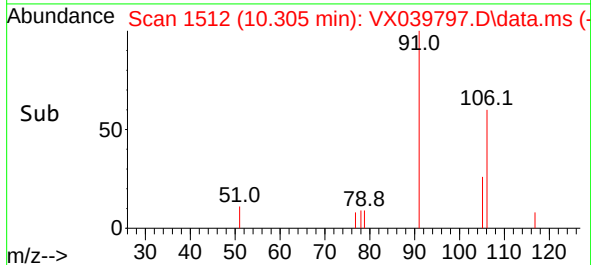
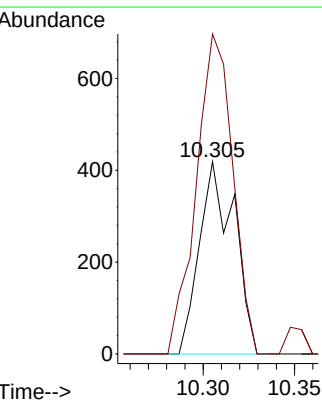
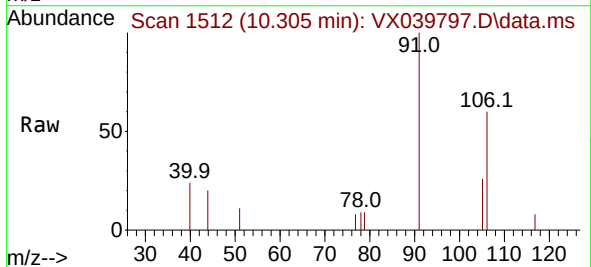
Instrument :  
MSVOA\_X  
ClientSampleId :  
SUMOGW-8-10-13

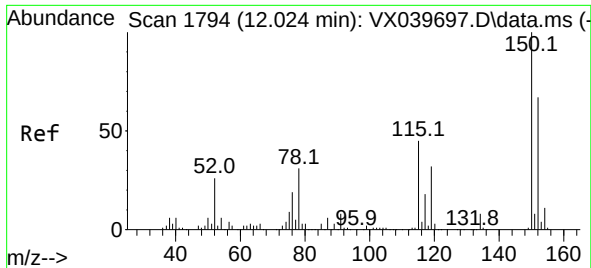
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 631         |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 166         | 111.8 | 102.7 154.1 |
| 129         | 93.5  | 80.4 120.6  |
| 131         | 94.0  | 76.5 114.7  |



#68  
m/p-Xylenes  
Concen: 0.235 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: VX039797.D  
Acq: 17 Jan 2024 13:15

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:106 | Resp: | 554         |
| Ion         | Ratio | Lower Upper |
| 106         | 100   |             |
| 91          | 175.1 | 165.5 248.3 |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX039797.D  
 Acq: 17 Jan 2024 13:15

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SUMOGW-8-10-13

Tgt Ion:152 Resp: 83239  
 Ion Ratio Lower Upper  
 152 100  
 115 63.6 43.3 129.9  
 150 156.3 0.0 345.0

