

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
 Data File : VX044214.D  
 Acq On : 10 Dec 2024 17:33  
 Operator : JC/MD  
 Sample : P5246-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-20241209

Quant Time: Dec 11 01:39:02 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

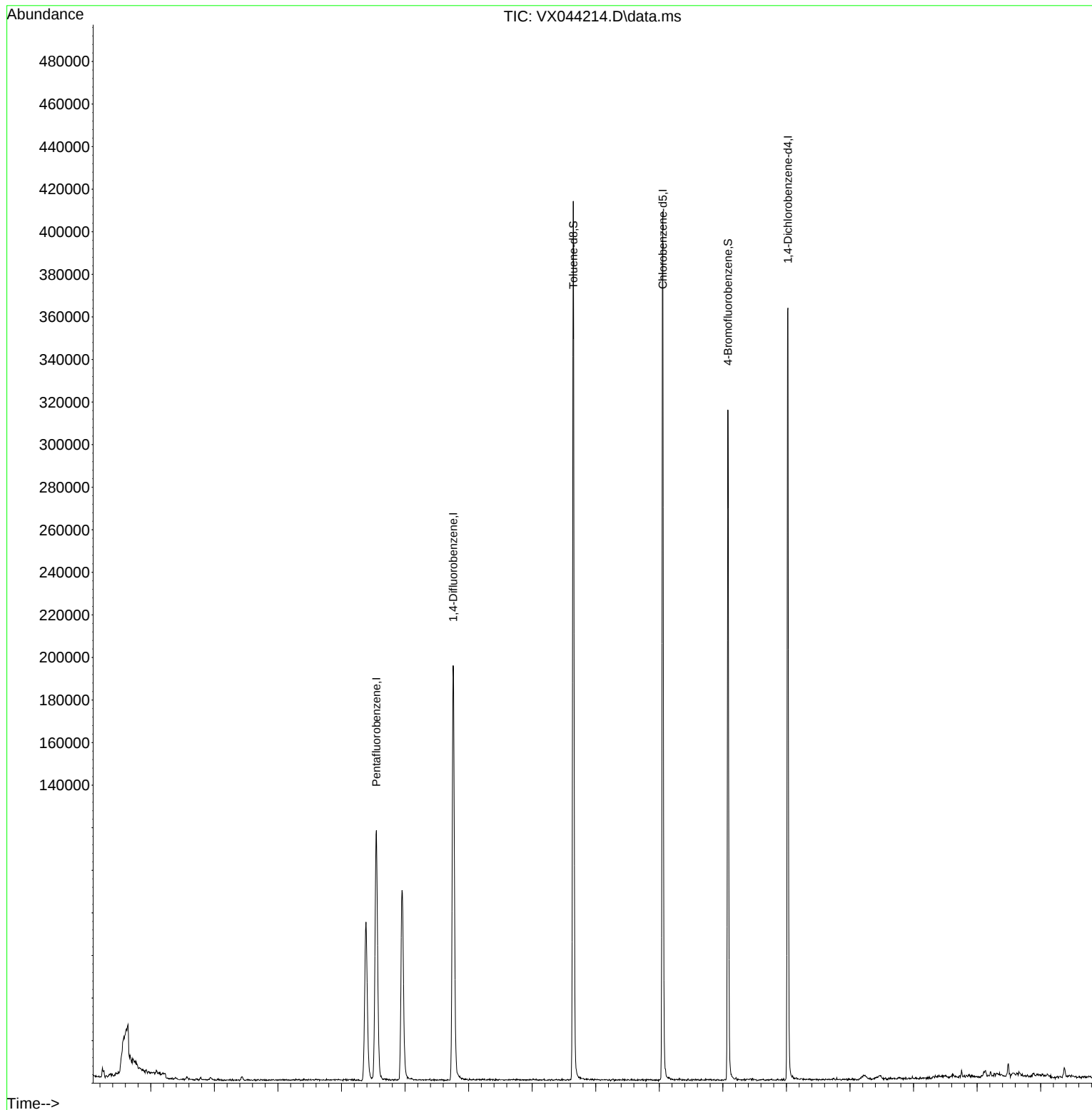
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 97758    | 50.000   | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 191902   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 171864   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 71791    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 91125    | 54.347   | ug/l   | 0.01     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 108.700% |
| 35) Dibromofluoromethane    | 5.379  | 113   | 63256    | 46.131   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.260%  |
| 50) Toluene-d8              | 8.647  | 98    | 234469   | 49.604   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 99.200%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 80939    | 50.315   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =      | 100.620% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 3) Chloromethane            | 1.301  | 50    | 344      | 0.264    | ug/l # | 82       |
| 16) Acetone                 | 2.386  | 43    | 1054     | 1.369    | ug/l # | 77       |
| 20) Methylene Chloride      | 2.782  | 84    | 421      | 0.322    | ug/l # | 76       |
| -----                       |        |       |          |          |        |          |

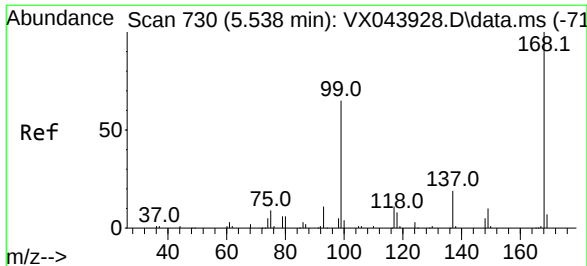
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121024\  
Data File : VX044214.D  
Acq On : 10 Dec 2024 17:33  
Operator : JC/MD  
Sample : P5246-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-20241209

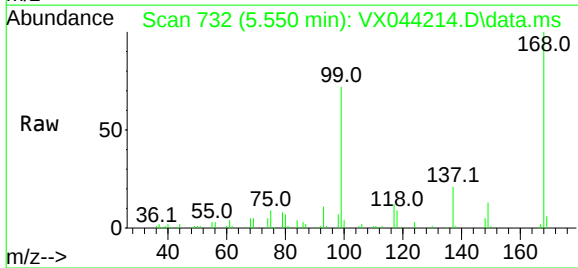
Quant Time: Dec 11 01:39:02 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration



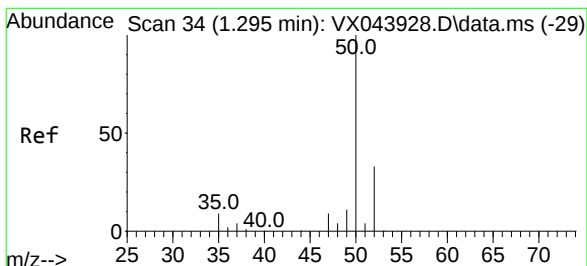
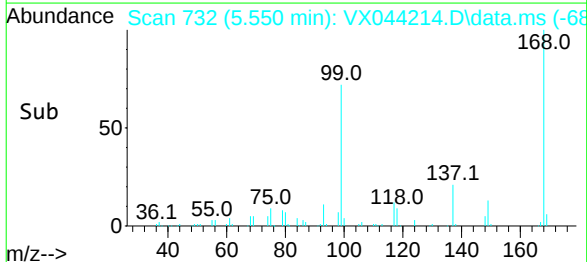
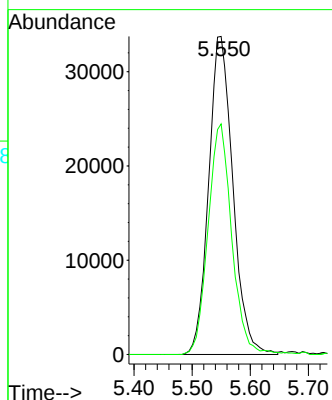


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 73  
Delta R.T. 0.012 min  
Lab File: VX044214.D  
Acq: 10 Dec 2024 17:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-20241209

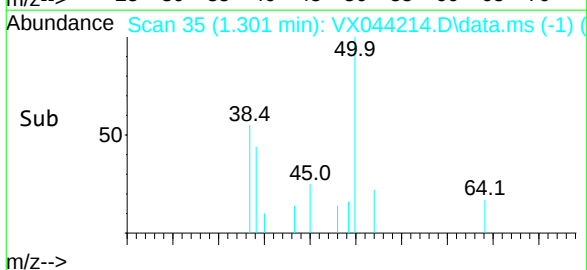
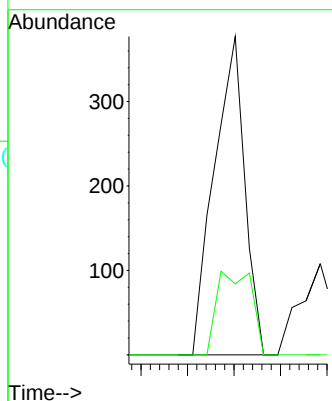
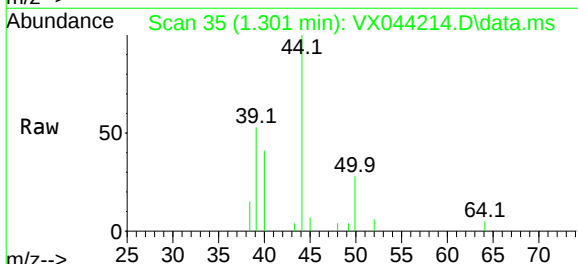


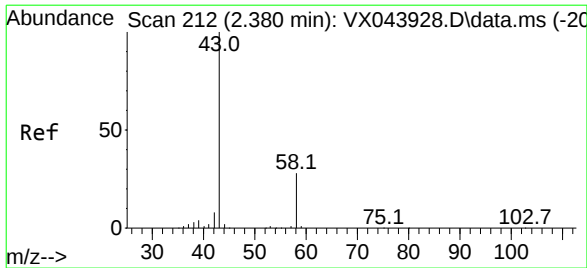
Tgt Ion:168 Resp: 97758  
Ion Ratio Lower Upper  
168 100  
99 72.5 51.8 77.8



#3  
Chloromethane  
Concen: 0.264 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. 0.006 min  
Lab File: VX044214.D  
Acq: 10 Dec 2024 17:33

Tgt Ion: 50 Resp: 344  
Ion Ratio Lower Upper  
50 100  
52 22.3 26.1 39.1#





#16

Acetone

Concen: 1.369 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX044214.D

Acq: 10 Dec 2024 17:33

Instrument :

MSVOA\_X

ClientSampleId :

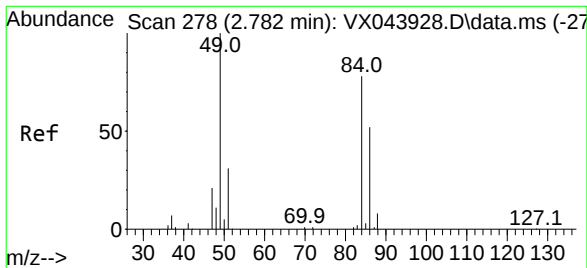
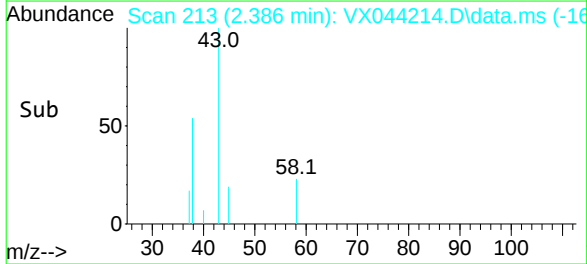
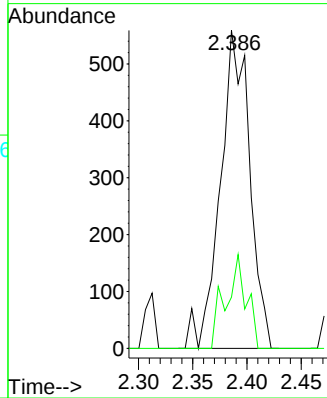
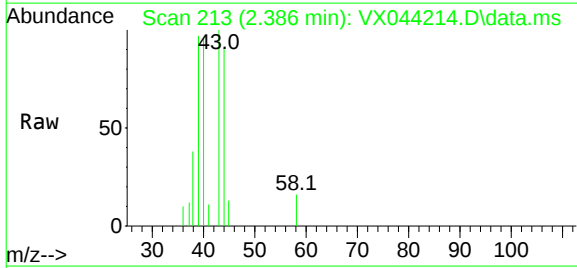
TB-20241209

Tgt Ion: 43 Resp: 1054

Ion Ratio Lower Upper

43 100

58 16.1 22.7 34.1#



#20

Methylene Chloride

Concen: 0.322 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044214.D

Acq: 10 Dec 2024 17:33

Tgt Ion: 84 Resp: 421

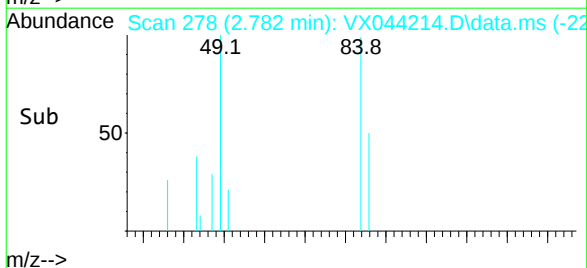
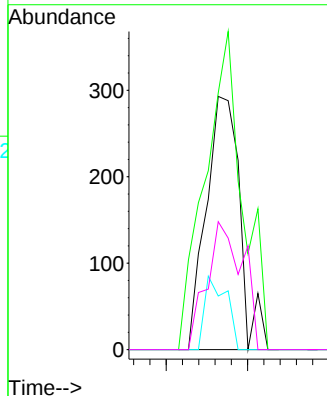
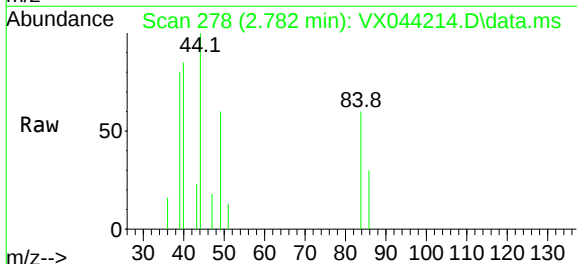
Ion Ratio Lower Upper

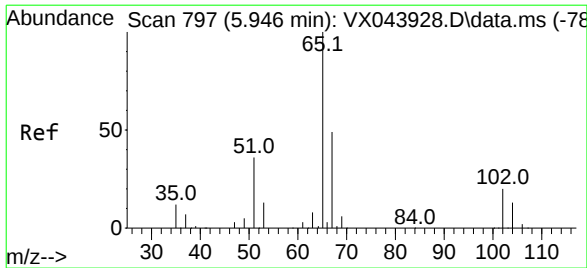
84 100

49 101.4 102.7 154.1#

51 21.2 31.7 47.5#

86 50.5 53.9 80.9#

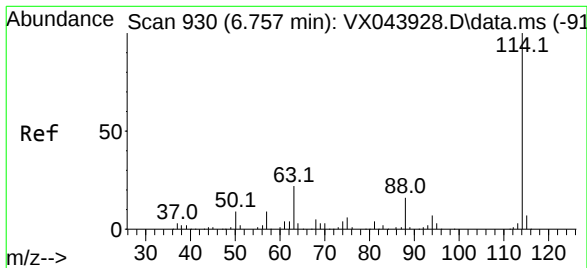
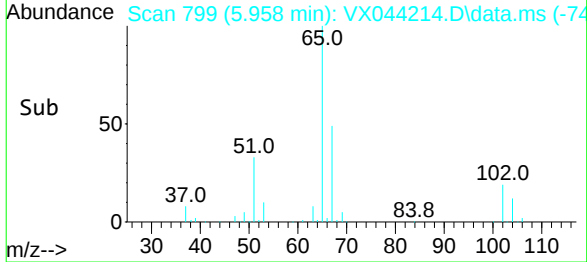
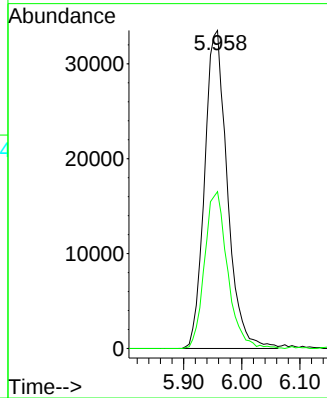
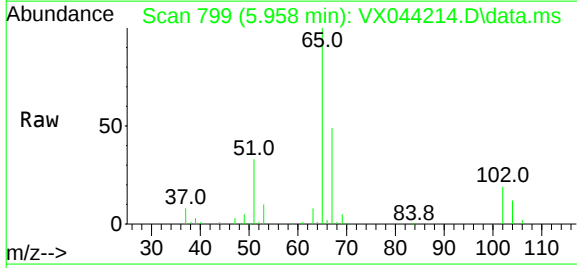




#33  
1,2-Dichloroethane-d4  
Concen: 54.347 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.012 min  
Lab File: VX044214.D  
Acq: 10 Dec 2024 17:33

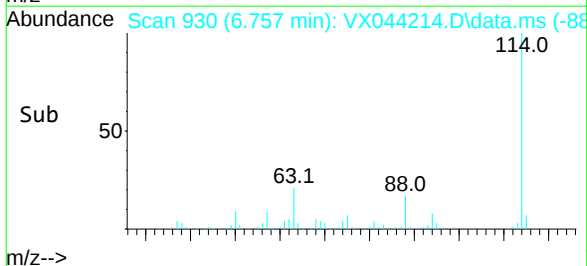
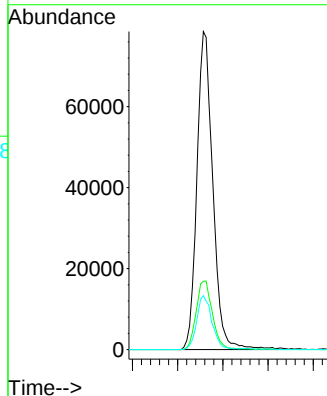
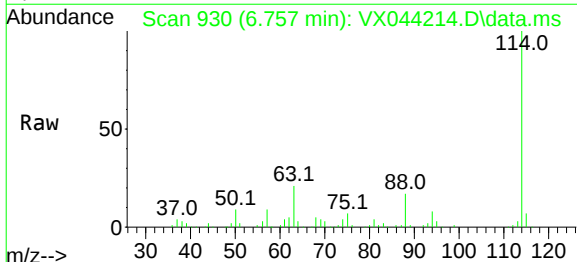
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-20241209

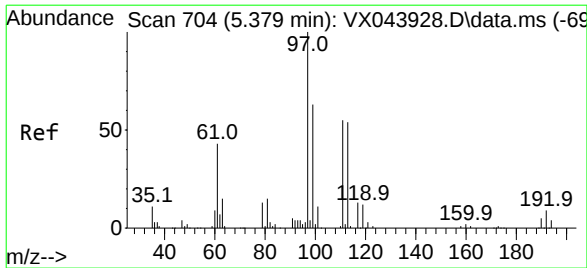
Tgt Ion: 65 Resp: 91125  
Ion Ratio Lower Upper  
65 100  
67 49.8 0.0 100.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. -0.000 min  
Lab File: VX044214.D  
Acq: 10 Dec 2024 17:33

Tgt Ion: 114 Resp: 191902  
Ion Ratio Lower Upper  
114 100  
63 21.5 0.0 44.0  
88 17.0 0.0 32.4

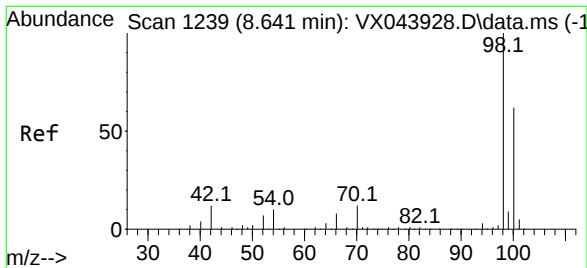
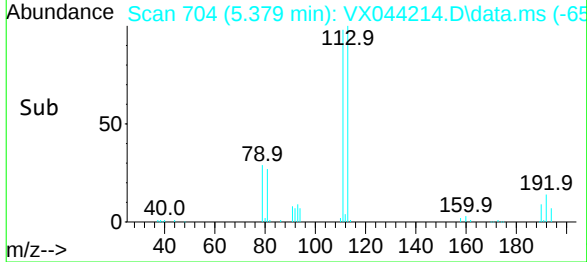
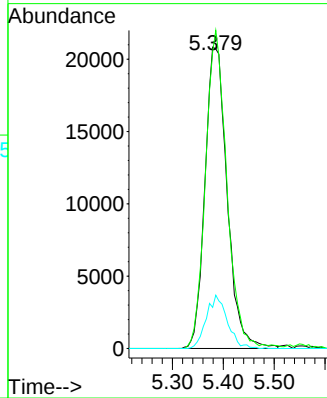
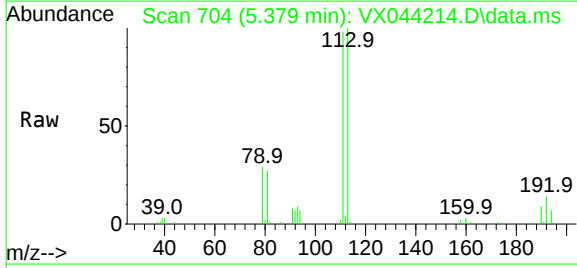




#35  
Dibromofluoromethane  
Concen: 46.131 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX044214.D  
Acq: 10 Dec 2024 17:33

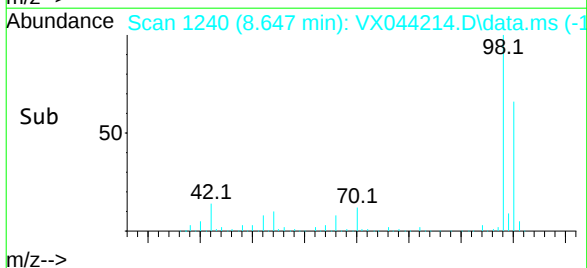
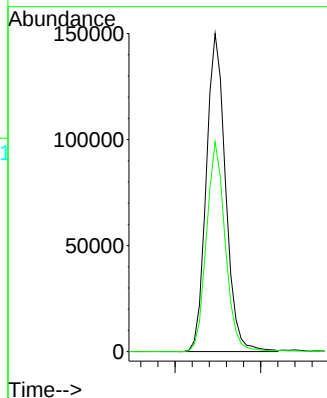
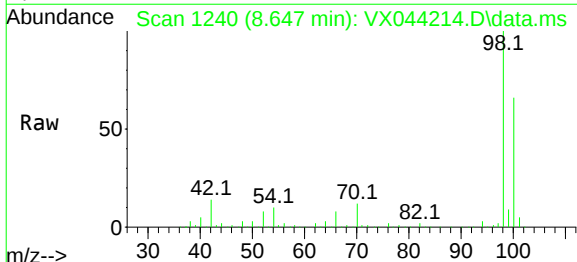
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-20241209

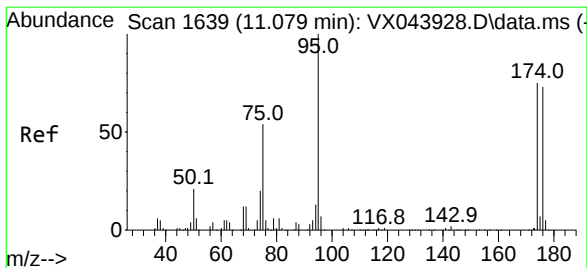
Tgt Ion: 113 Resp: 63256  
Ion Ratio Lower Upper  
113 100  
111 101.3 81.0 121.4  
192 16.6 13.0 19.6



#50  
Toluene-d8  
Concen: 49.604 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.006 min  
Lab File: VX044214.D  
Acq: 10 Dec 2024 17:33

Tgt Ion: 98 Resp: 234469  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 50.315 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044214.D

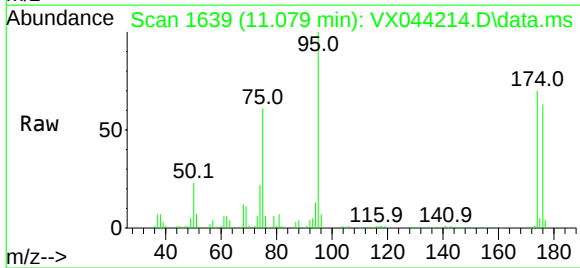
Acq: 10 Dec 2024 17:33

Instrument :

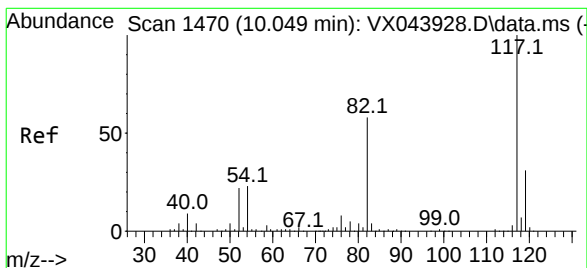
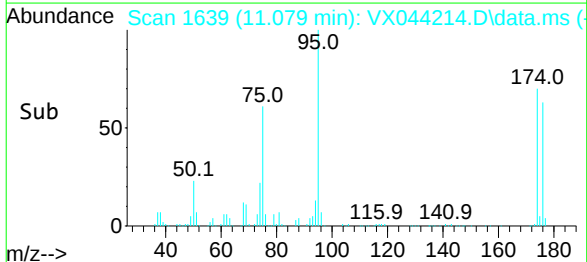
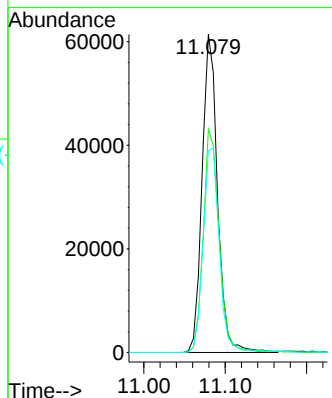
MSVOA\_X

ClientSampleId :

TB-20241209



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 80939 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 72.0  | 0.0   | 150.4 |
| 176      | 67.4  | 0.0   | 146.0 |



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

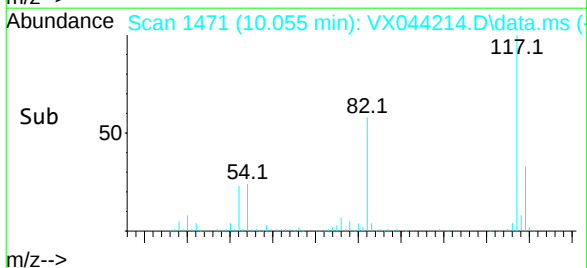
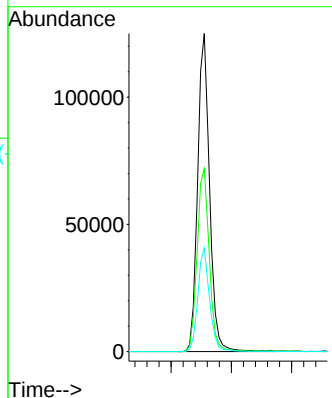
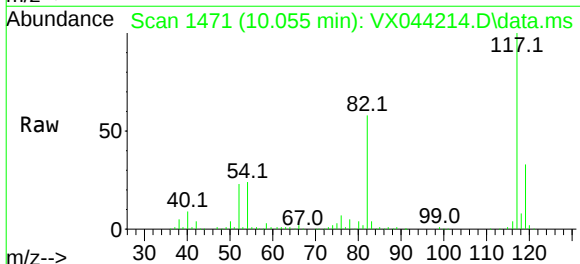
RT: 10.055 min Scan# 1471

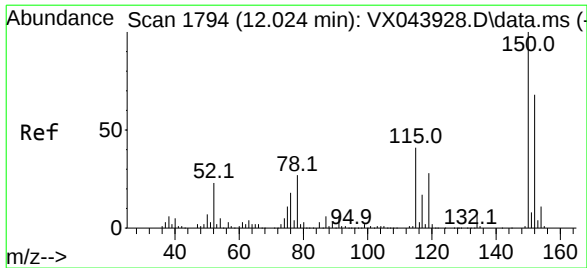
Delta R.T. 0.006 min

Lab File: VX044214.D

Acq: 10 Dec 2024 17:33

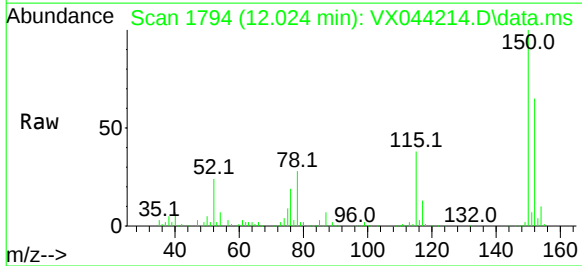
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 171864 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 57.5  | 46.4  | 69.6   |
| 119      | 32.6  | 24.6  | 37.0   |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 17  
 Delta R.T. -0.000 min  
 Lab File: VX044214.D  
 Acq: 10 Dec 2024 17:33

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-20241209



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 64.5  | 45.4  | 136.2 |
| 150     | 157.2 | 0.0   | 353.0 |

