

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121824\  
 Data File : VX044408.D  
 Acq On : 19 Dec 2024 02:57  
 Operator : JC/MD  
 Sample : P5317-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TT158S1-20241217

Quant Time: Dec 19 05:09:22 2024  
 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

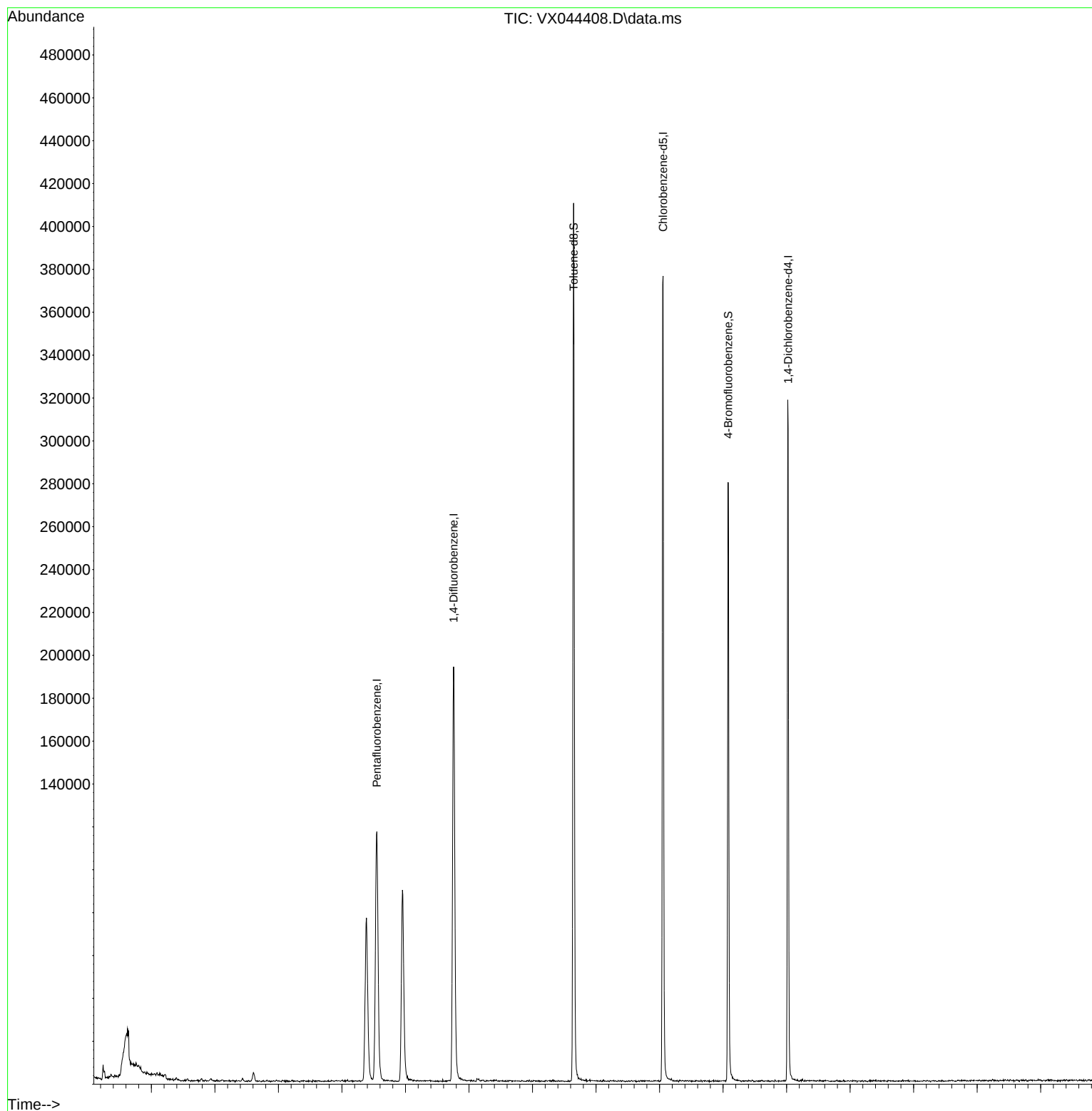
| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 5.550          | 168  | 107112     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 197035     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 171282     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 65660      | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 85326      | 45.434   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 90.860%  |        |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 64525      | 47.283   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 94.560%  |        |          |
| 50) Toluene-d8              | 8.647          | 98   | 237364     | 51.557   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 103.120% |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 71738      | 44.593   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 89.180%  |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
| 16) Acetone                 | 2.392          | 43   | 979        | 1.279    | ug/l # | 52       |
| 20) Methylene Chloride      | 2.776          | 84   | 453        | 0.315    | ug/l # | 78       |
| 24) 1,1-Dichloroethane      | 3.605          | 63   | 4471       | 1.781    | ug/l # | 92       |
| 44) Trichloroethene         | 7.141          | 130  | 431        | 0.323    | ug/l   | 80       |
| -----                       |                |      |            |          |        |          |

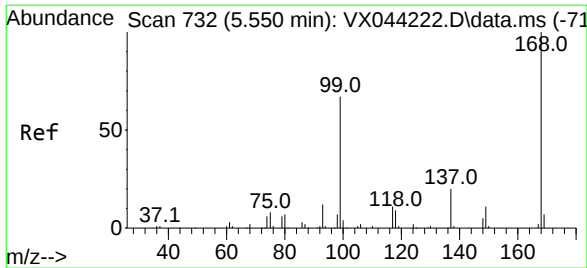
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121824\  
Data File : VX044408.D  
Acq On : 19 Dec 2024 02:57  
Operator : JC/MD  
Sample : P5317-09  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TT158S1-20241217

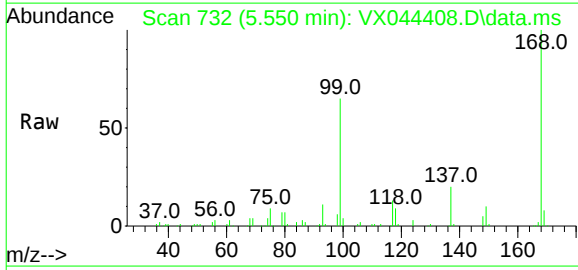
Quant Time: Dec 19 05:09:22 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 12 04:28:14 2024  
Response via : Initial Calibration



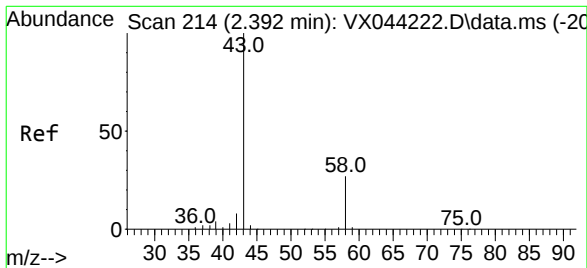
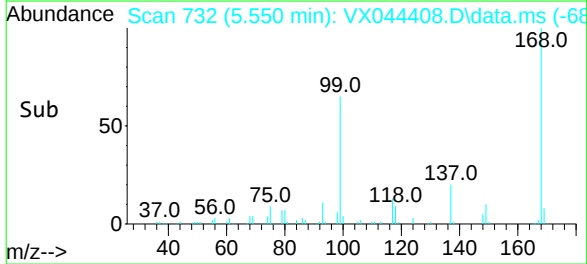
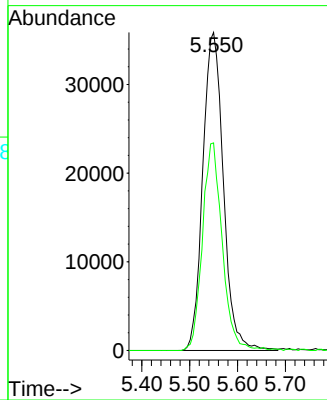


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX044408.D  
Acq: 19 Dec 2024 02:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
TT158S1-20241217

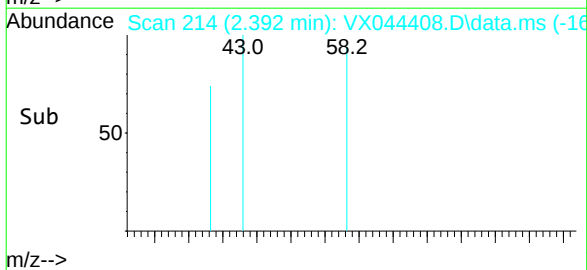
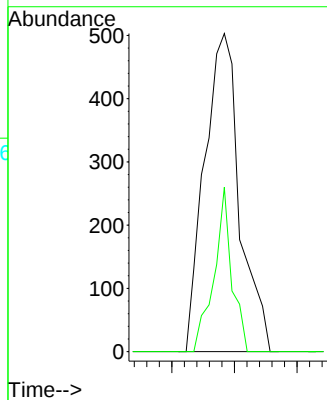
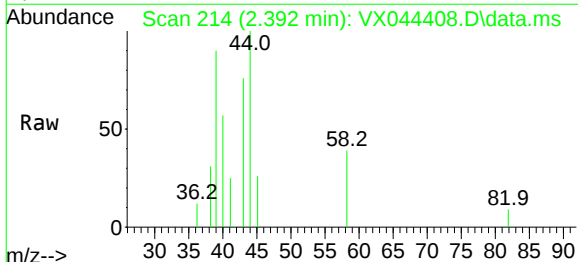


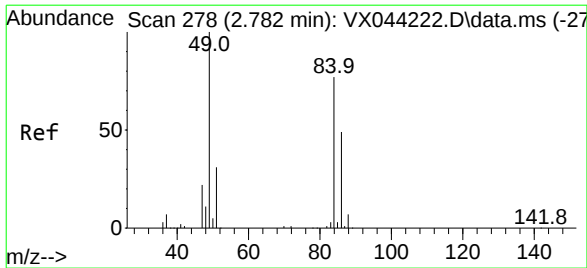
Tgt Ion: 168 Resp: 107112  
Ion Ratio Lower Upper  
168 100  
99 65.3 53.4 80.0



#16  
Acetone  
Concen: 1.279 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX044408.D  
Acq: 19 Dec 2024 02:57

Tgt Ion: 43 Resp: 979  
Ion Ratio Lower Upper  
43 100  
58 51.7 21.6 32.4#





#20

Methylene Chloride

Concen: 0.315 ug/l

RT: 2.776 min Scan# 27

Delta R.T. -0.006 min

Lab File: VX044408.D

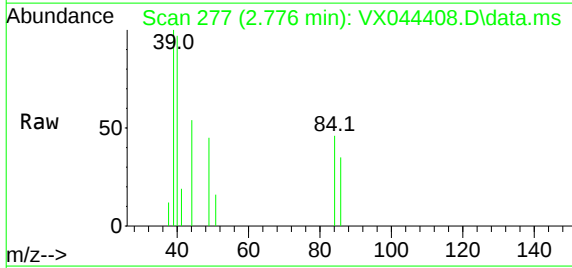
Acq: 19 Dec 2024 02:57

Instrument :

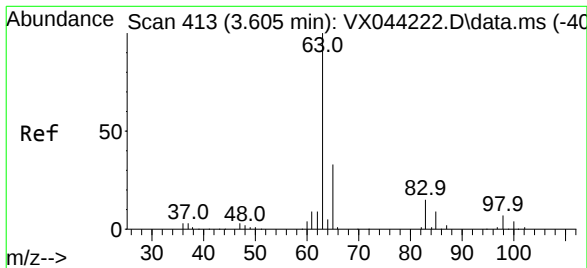
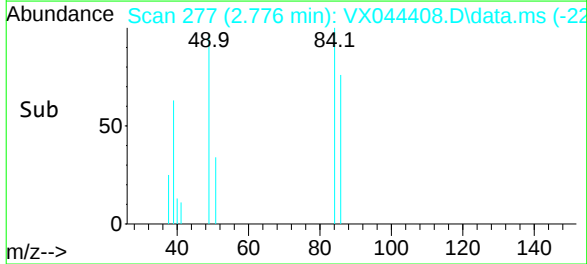
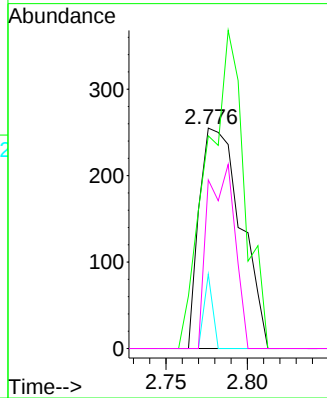
MSVOA\_X

ClientSampleId :

TT158S1-20241217



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 453    |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 96.5  | 104.2 | 156.4# |
| 51       | 33.7  | 32.2  | 48.4   |
| 86       | 76.5  | 50.9  | 76.3#  |



#24

1,1-Dichloroethane

Concen: 1.781 ug/l

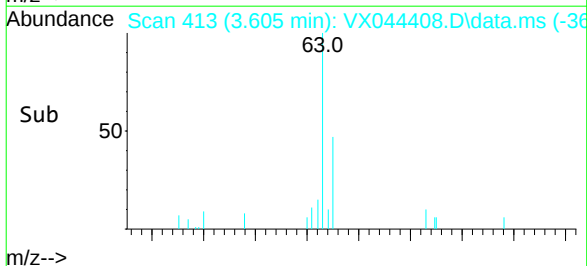
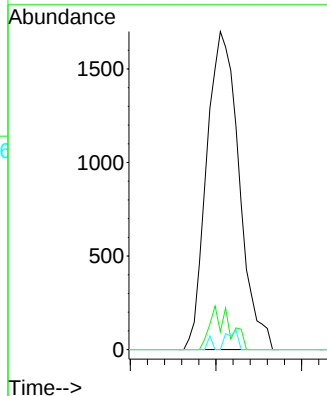
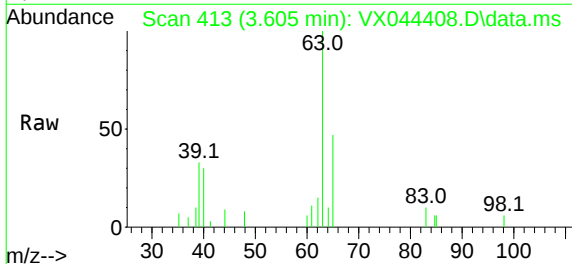
RT: 3.605 min Scan# 413

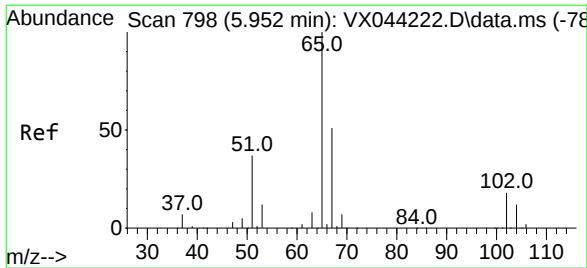
Delta R.T. 0.000 min

Lab File: VX044408.D

Acq: 19 Dec 2024 02:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 4471  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 5.6   | 3.6   | 10.8  |
| 100      | 0.0   | 2.1   | 6.3#  |

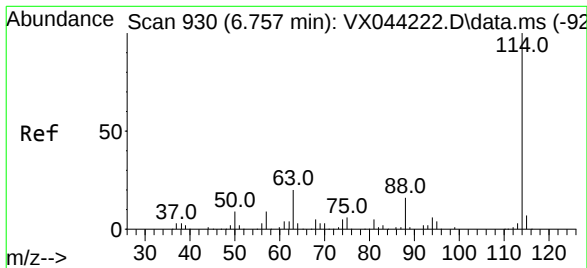
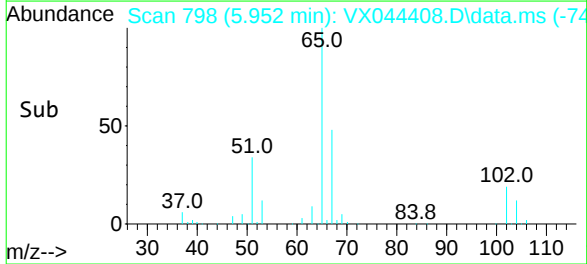
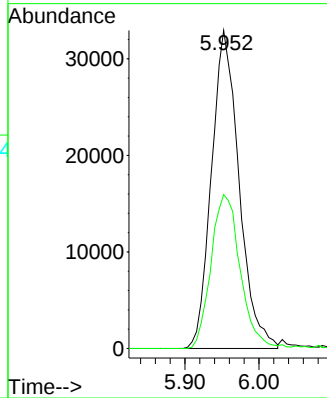
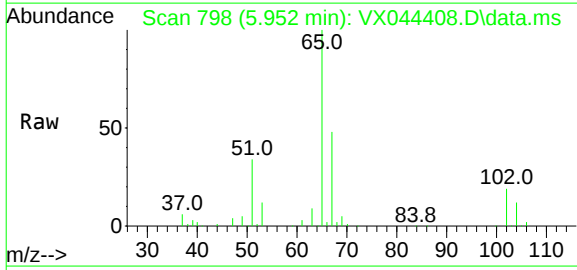




#33  
1,2-Dichloroethane-d4  
Concen: 45.434 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX044408.D  
Acq: 19 Dec 2024 02:57

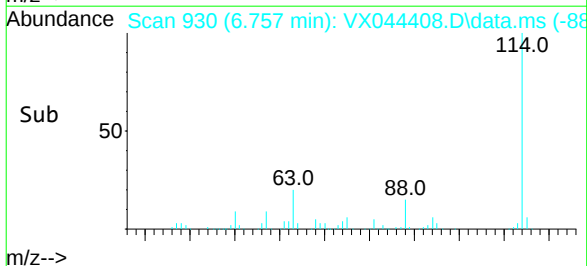
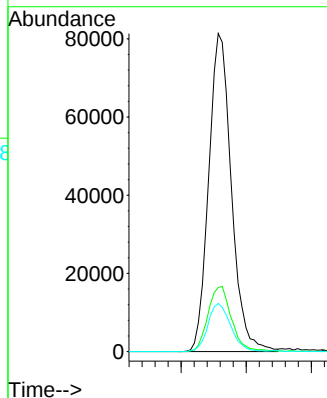
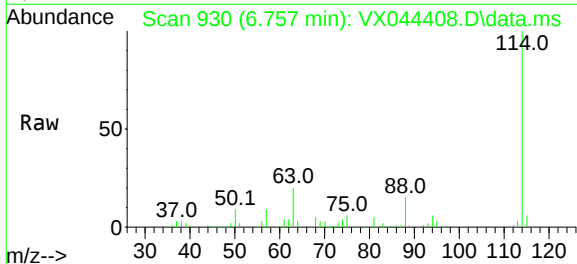
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT158S1-20241217

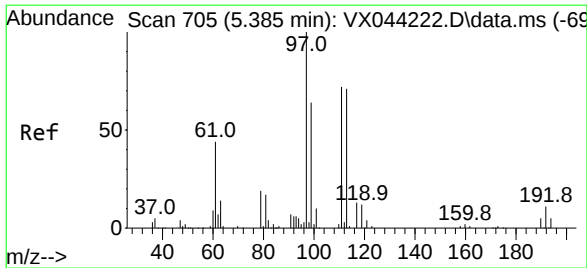
Tgt Ion: 65 Resp: 85326  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 101.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: VX044408.D  
Acq: 19 Dec 2024 02:57

Tgt Ion: 114 Resp: 197035  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 40.6  
88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.283 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX044408.D

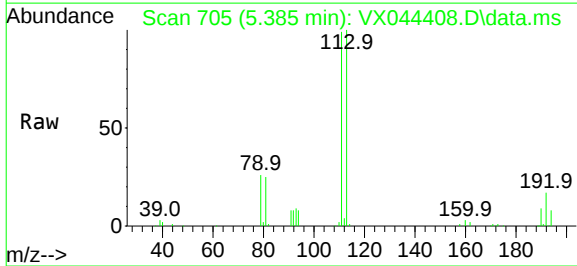
Acq: 19 Dec 2024 02:57

Instrument :

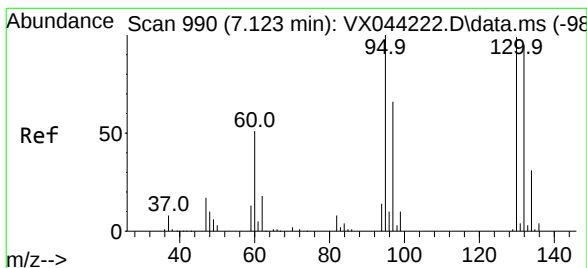
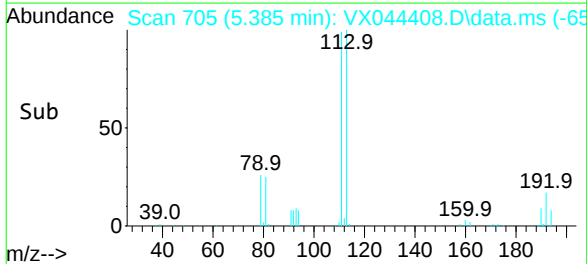
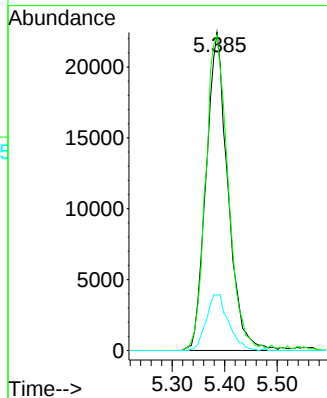
MSVOA\_X

ClientSampleId :

TT158S1-20241217



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 64525 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.3 | 80.4  | 120.6 |
| 192      | 18.0  | 13.3  | 19.9  |



#44

Trichloroethene

Concen: 0.323 ug/l

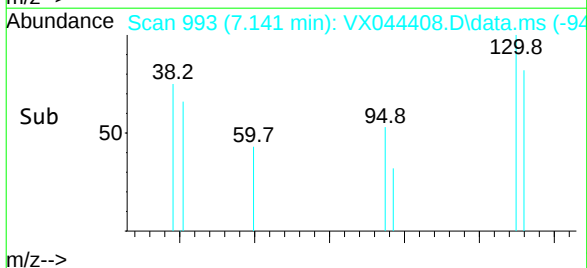
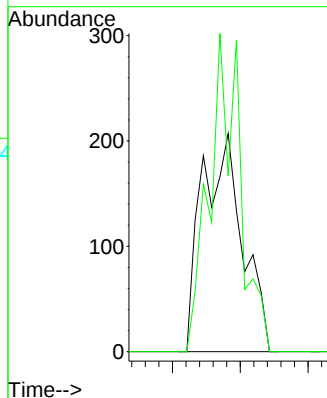
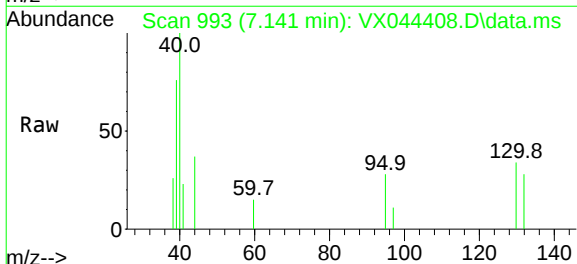
RT: 7.141 min Scan# 993

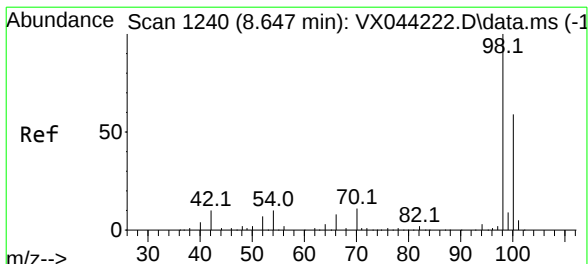
Delta R.T. 0.018 min

Lab File: VX044408.D

Acq: 19 Dec 2024 02:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 431   |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 80.7  | 0.0   | 201.4 |

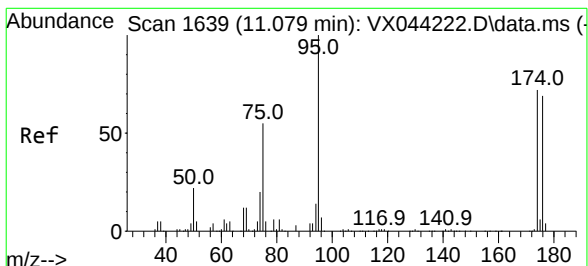
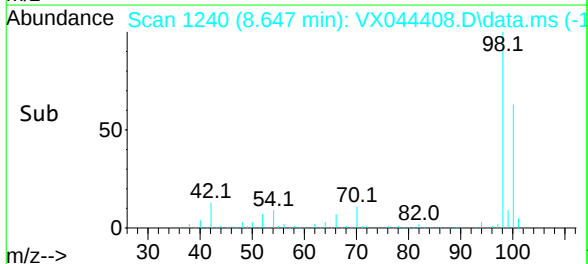
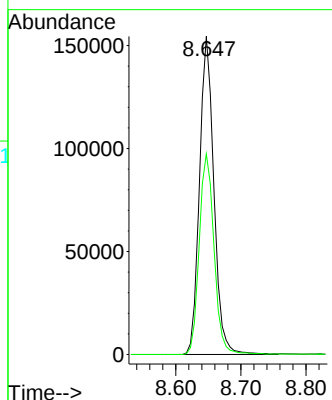
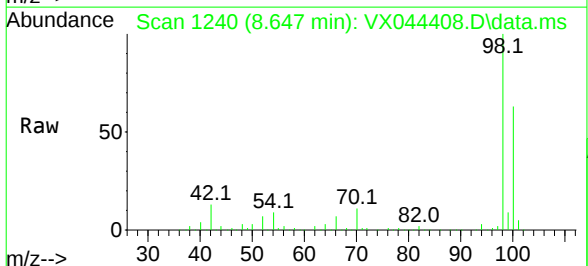




#50  
Toluene-d8  
Concen: 51.557 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX044408.D  
Acq: 19 Dec 2024 02:57

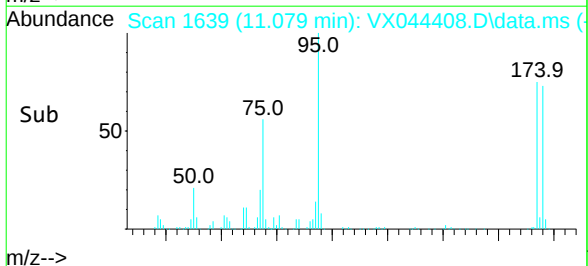
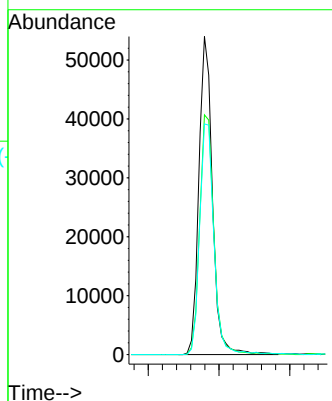
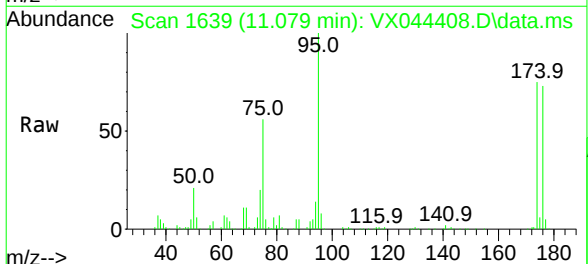
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT158S1-20241217

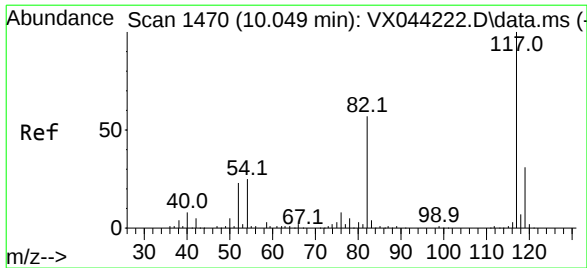
Tgt Ion: 98 Resp: 237364  
Ion Ratio Lower Upper  
98 100  
100 64.9 51.5 77.3



#62  
4-Bromofluorobenzene  
Concen: 44.593 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX044408.D  
Acq: 19 Dec 2024 02:57

Tgt Ion: 95 Resp: 71738  
Ion Ratio Lower Upper  
95 100  
174 79.2 0.0 145.8  
176 76.9 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 14

Delta R.T. 0.006 min

Lab File: VX044408.D

Acq: 19 Dec 2024 02:57

Instrument :

MSVOA\_X

ClientSampleId :

TT158S1-20241217

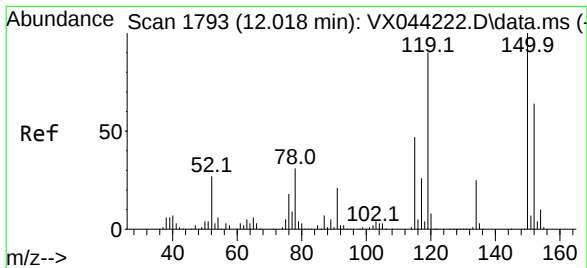
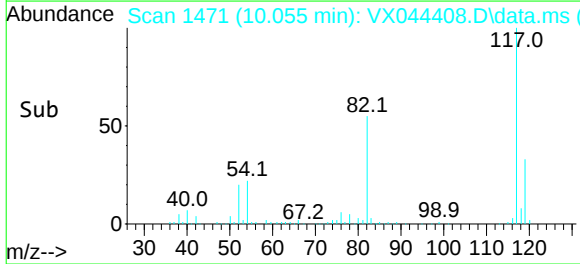
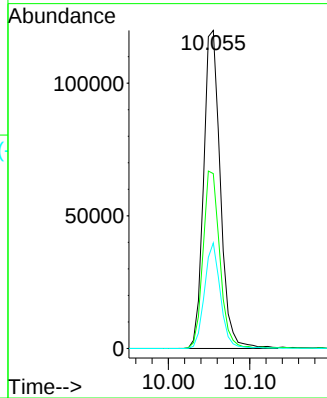
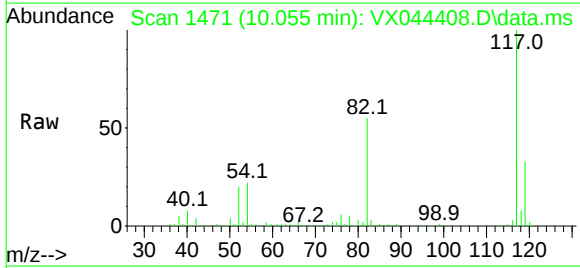
Tgt Ion:117 Resp: 171282

Ion Ratio Lower Upper

117 100

82 55.0 45.8 68.8

119 33.2 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX044408.D

Acq: 19 Dec 2024 02:57

Tgt Ion:152 Resp: 65660

Ion Ratio Lower Upper

152 100

115 60.3 44.5 133.3

150 156.9 0.0 353.8

