

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120224\  
 Data File : VX044061.D  
 Acq On : 02 Dec 2024 13:21  
 Operator : JC/MD  
 Sample : P5021-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-11

Quant Time: Dec 03 00:18:50 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

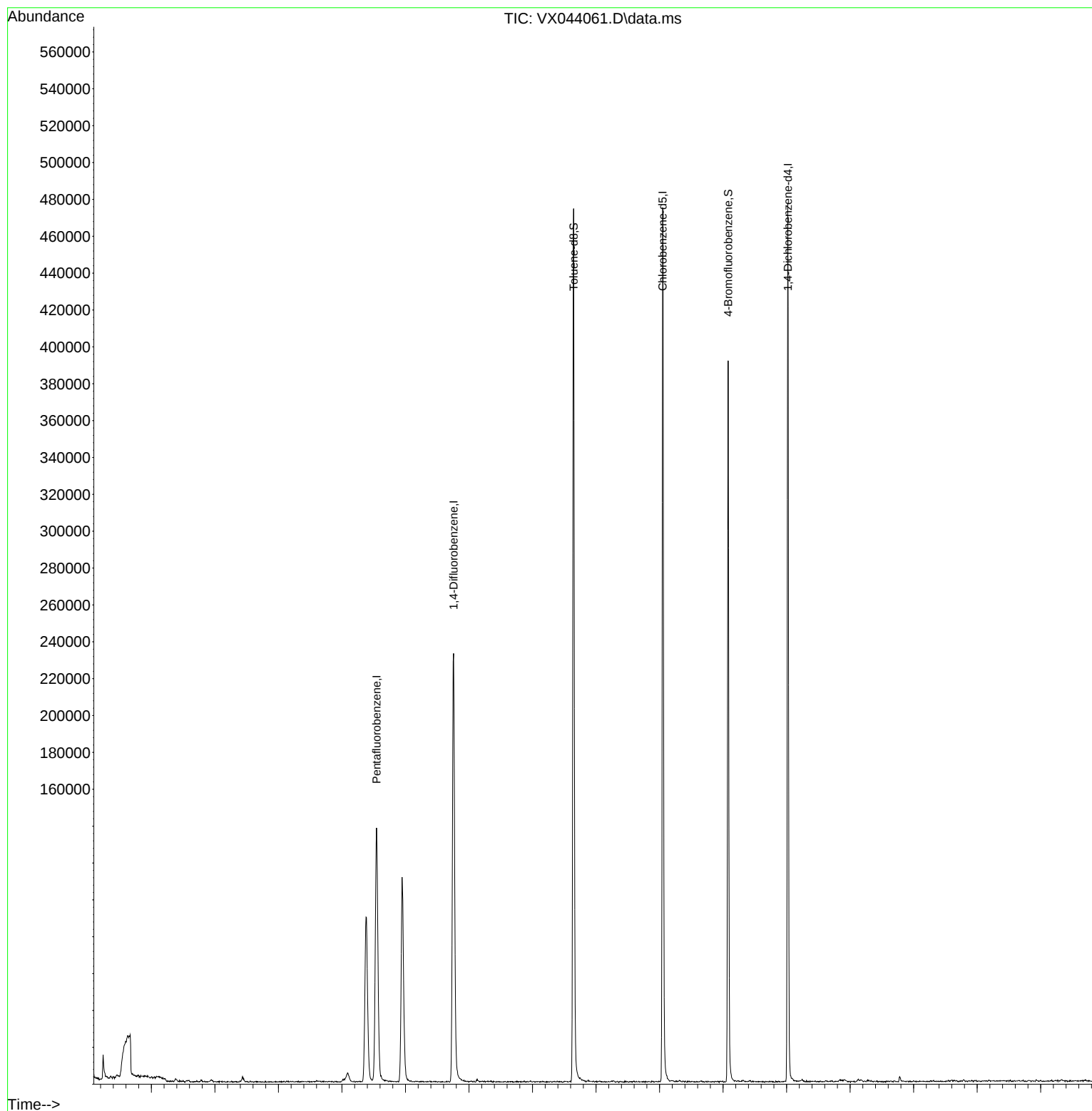
| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 5.544          | 168  | 120070              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 229971              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.049         | 117  | 208817              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018         | 152  | 91525               | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.946          | 65   | 106938              | 51.927 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 103.860% |        |        |          |
| 35) Dibromofluoromethane    | 5.379          | 113  | 77289               | 47.034 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 94.060%  |        |        |          |
| 50) Toluene-d8              | 8.647          | 98   | 288636              | 50.955 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 101.920% |        |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 99490               | 51.609 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 103.220% |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        |        |          |
| 16) Acetone                 | 2.386          | 43   | 1592                | 1.683  | ug/l # | 87       |
| 29) Tetrahydrofuran         | 5.032          | 42   | 1450                | 1.938  | ug/l # | 82       |
| 30) Chloroform              | 5.099          | 83   | 5656                | 1.886  | ug/l   | 85       |
| 44) Trichloroethene         | 7.123          | 130  | 499                 | 0.276  | ug/l   | 58       |
| 95) Naphthalene             | 13.780         | 128  | 2354                | 0.360  | ug/l # | 88       |
| -----                       |                |      |                     |        |        |          |

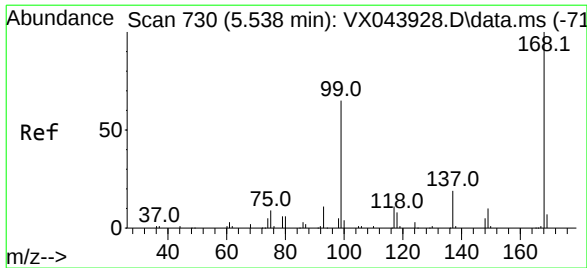
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P5021-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

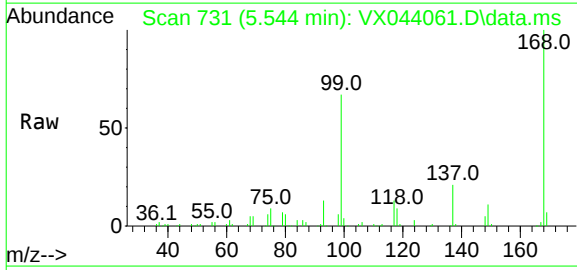
Quant Time: Dec 03 00:18:50 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration



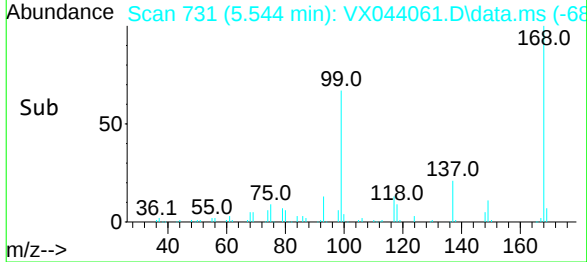
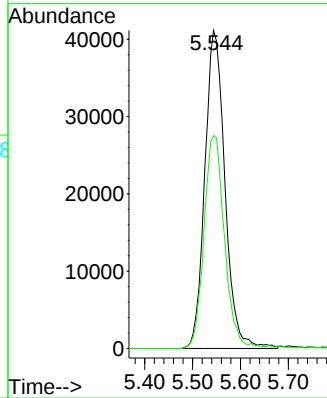


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. 0.006 min  
Lab File: VX044061.D  
Acq: 02 Dec 2024 13:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

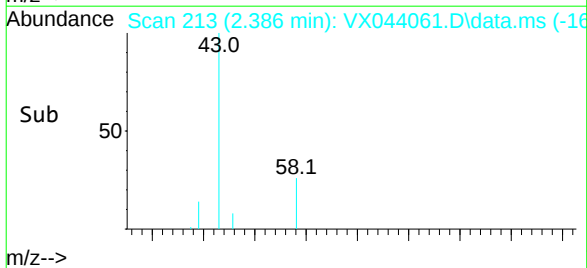
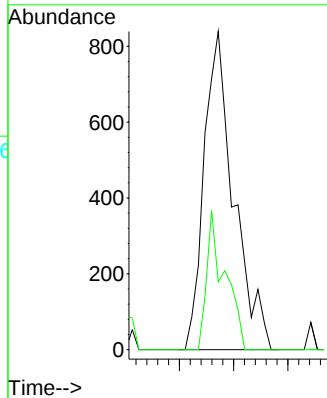
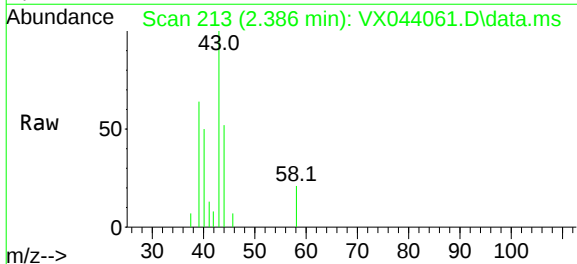


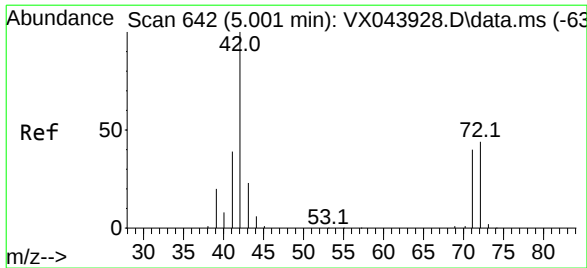
Tgt Ion:168 Resp: 120070  
Ion Ratio Lower Upper  
168 100  
99 66.9 51.8 77.8



#16  
Acetone  
Concen: 1.683 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX044061.D  
Acq: 02 Dec 2024 13:21

Tgt Ion: 43 Resp: 1592  
Ion Ratio Lower Upper  
43 100  
58 21.3 22.7 34.1#





#29

Tetrahydrofuran

Concen: 1.938 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.030 min

Lab File: VX044061.D

Acq: 02 Dec 2024 13:21

Instrument :

MSVOA\_X

ClientSampleId :

MW-11

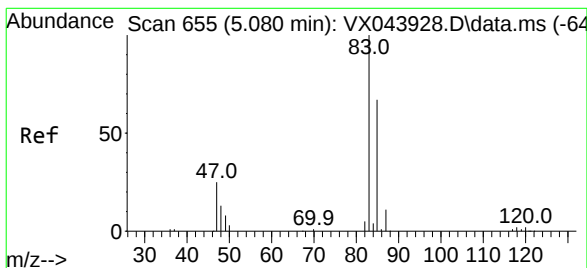
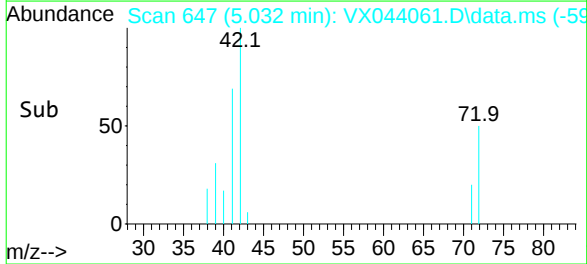
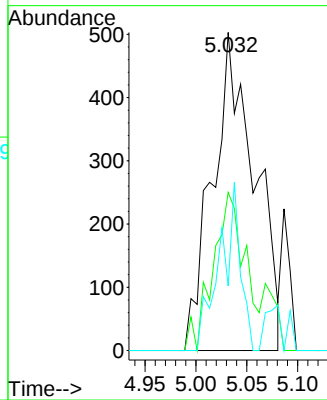
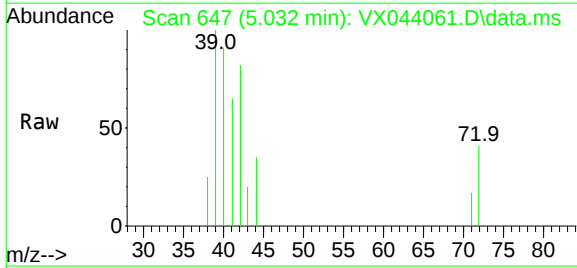
Tgt Ion: 42 Resp: 1450

Ion Ratio Lower Upper

42 100

72 37.8 36.4 54.6

71 25.4 33.4 50.0#



#30

Chloroform

Concen: 1.886 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.018 min

Lab File: VX044061.D

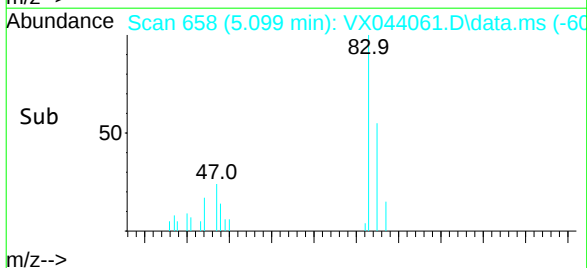
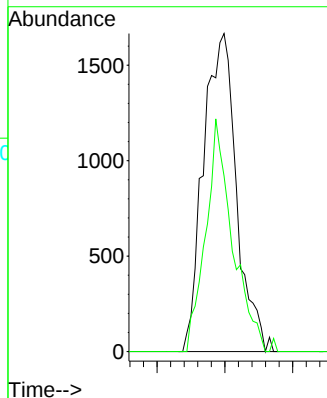
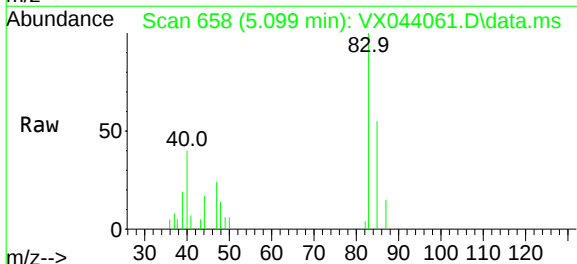
Acq: 02 Dec 2024 13:21

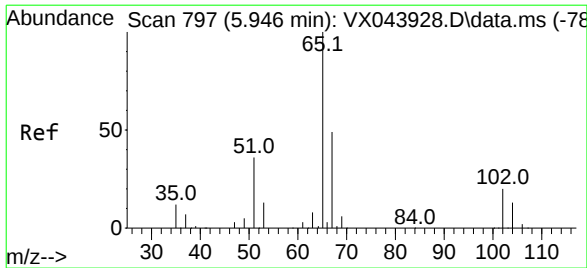
Tgt Ion: 83 Resp: 5656

Ion Ratio Lower Upper

83 100

85 55.2 53.5 80.3

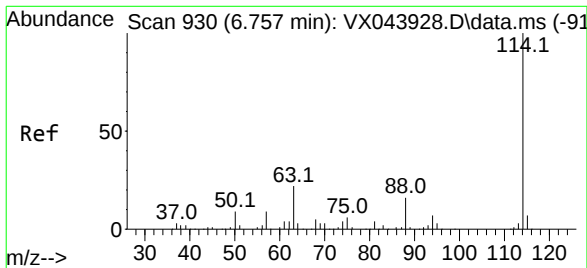
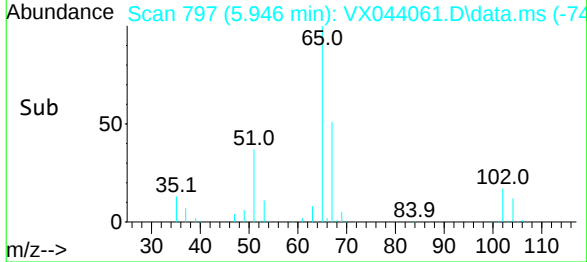
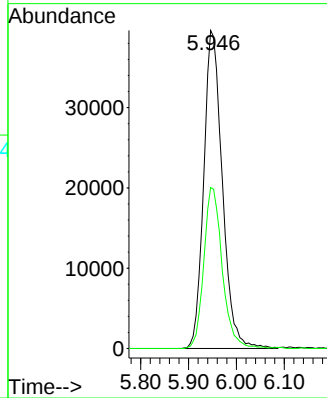
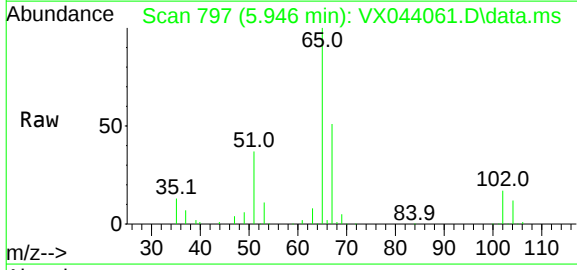




#33  
1,2-Dichloroethane-d4  
Concen: 51.927 ug/l  
RT: 5.946 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: VX044061.D  
Acq: 02 Dec 2024 13:21

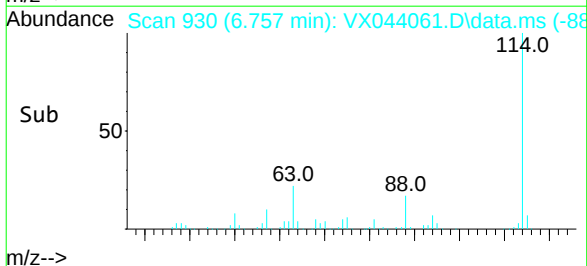
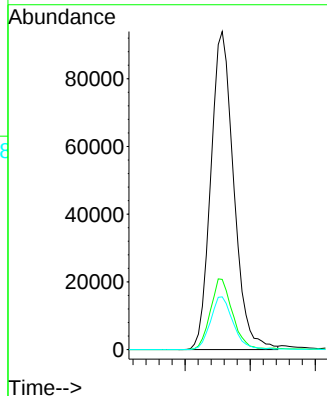
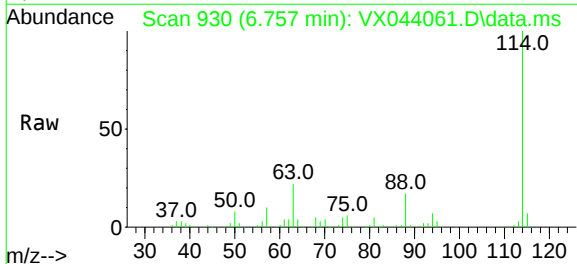
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11

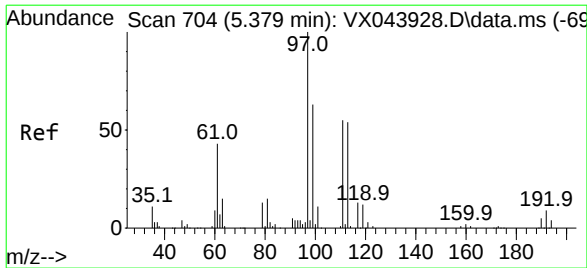
Tgt Ion: 65 Resp: 106938  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 100.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. -0.000 min  
Lab File: VX044061.D  
Acq: 02 Dec 2024 13:21

Tgt Ion: 114 Resp: 229971  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 44.0  
88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.034 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044061.D

Acq: 02 Dec 2024 13:21

Instrument :

MSVOA\_X

ClientSampleId :

MW-11

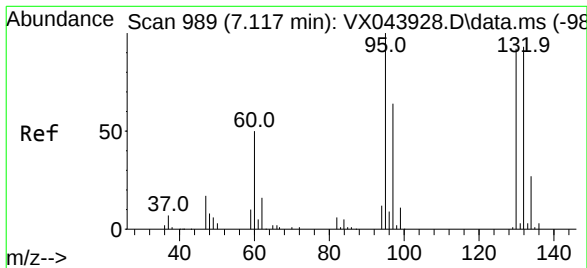
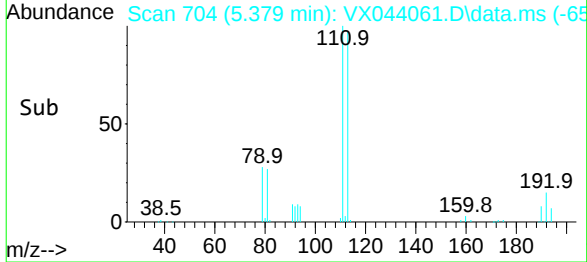
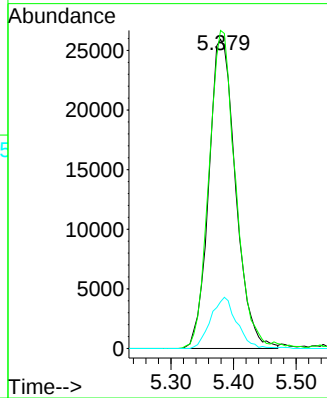
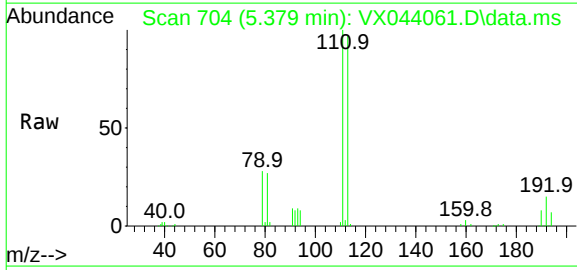
Tgt Ion:113 Resp: 77289

Ion Ratio Lower Upper

113 100

111 101.3 81.0 121.4

192 16.1 13.0 19.6



#44

Trichloroethene

Concen: 0.276 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX044061.D

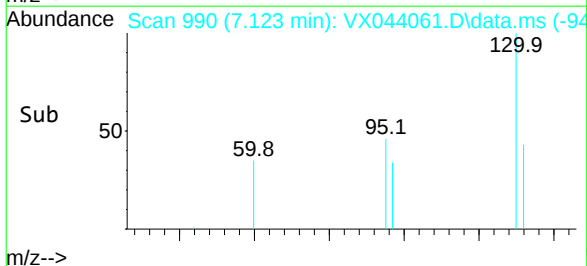
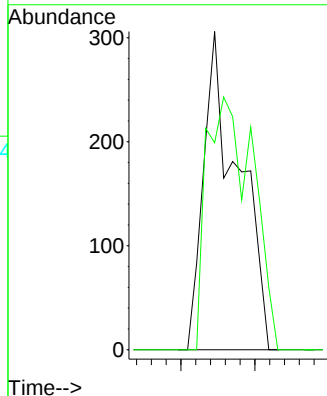
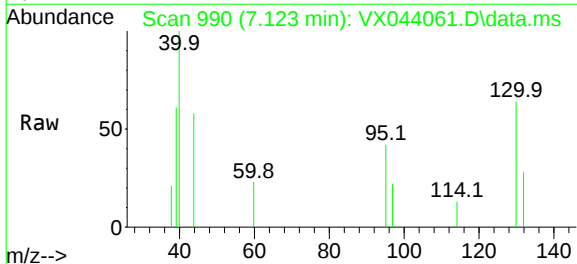
Acq: 02 Dec 2024 13:21

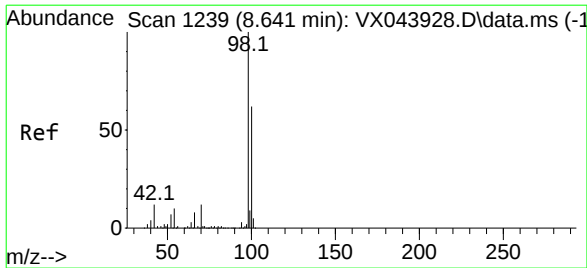
Tgt Ion:130 Resp: 499

Ion Ratio Lower Upper

130 100

95 65.0 0.0 217.8





#50

Toluene-d8

Concen: 50.955 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044061.D

Acq: 02 Dec 2024 13:21

Instrument :

MSVOA\_X

ClientSampleId :

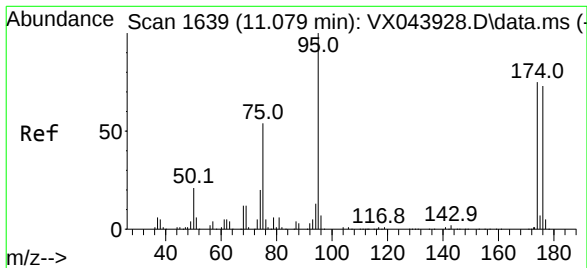
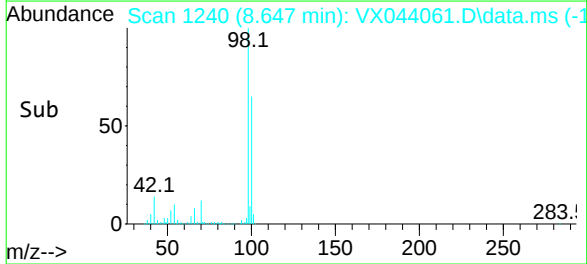
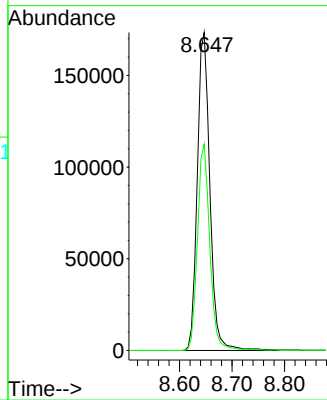
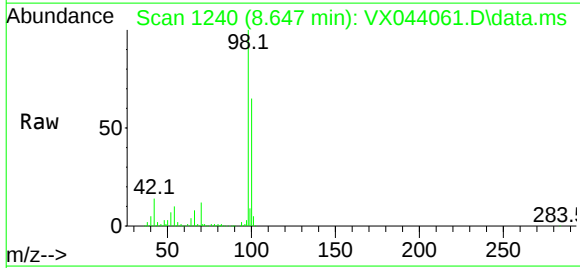
MW-11

Tgt Ion: 98 Resp: 288636

Ion Ratio Lower Upper

98 100

100 63.8 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 51.609 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044061.D

Acq: 02 Dec 2024 13:21

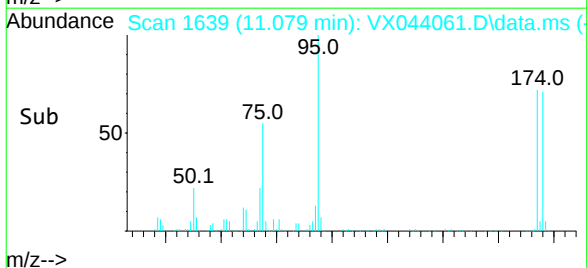
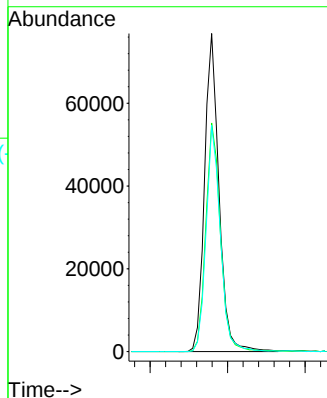
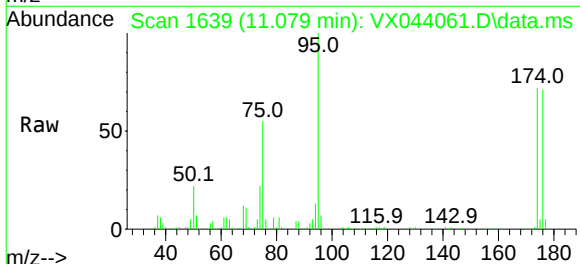
Tgt Ion: 95 Resp: 99490

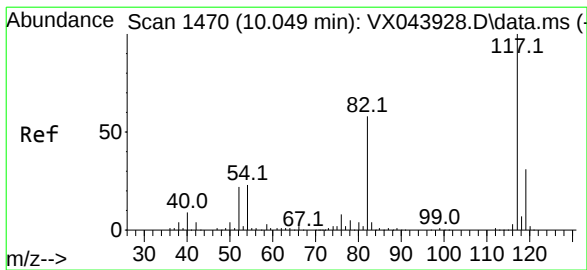
Ion Ratio Lower Upper

95 100

174 72.9 0.0 150.4

176 70.1 0.0 146.0

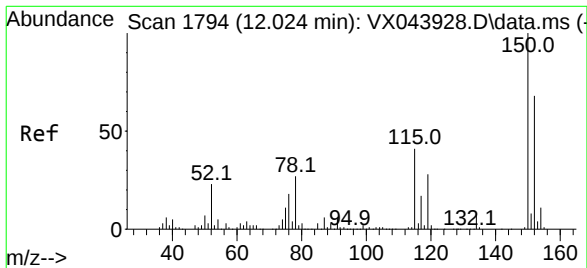
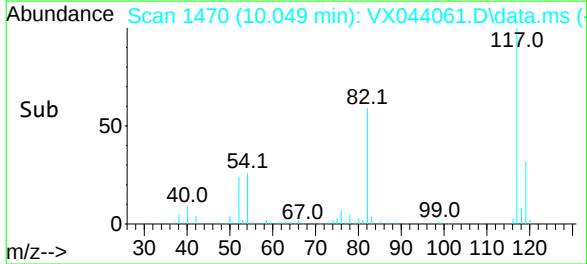
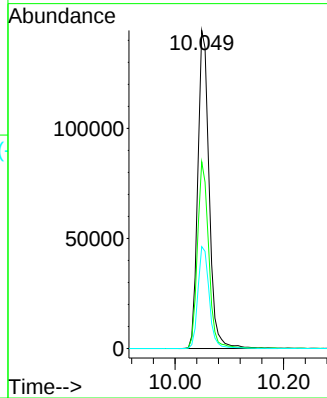
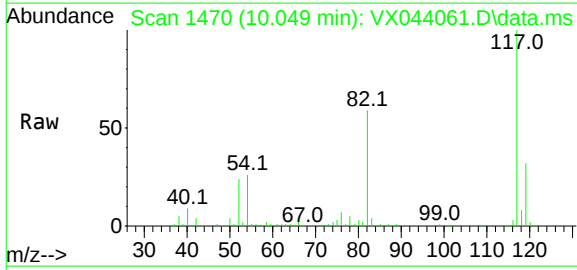




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX044061.D  
Acq: 02 Dec 2024 13:21

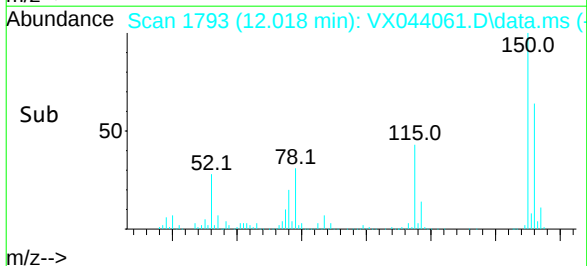
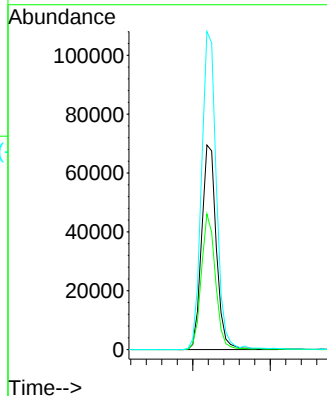
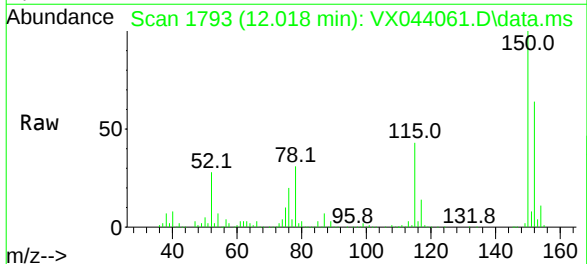
Instrument :  
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ClientSampleId :  
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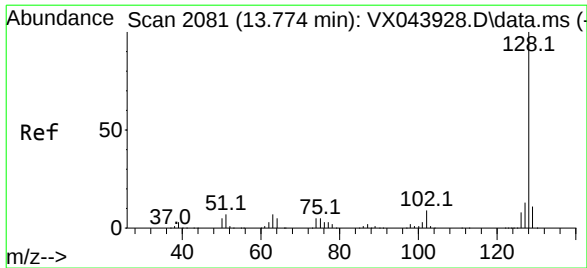
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 58.7  | 46.4  | 69.6  |
| 119     | 32.0  | 24.6  | 37.0  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX044061.D  
Acq: 02 Dec 2024 13:21

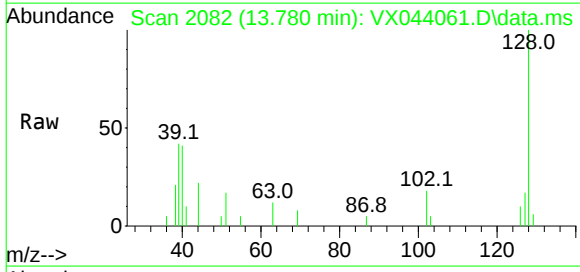
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 63.7  | 45.4  | 136.2 |
| 150     | 157.7 | 0.0   | 353.0 |





#95  
Naphthalene  
Concen: 0.360 ug/l  
RT: 13.780 min Scan# 2081  
Delta R.T. 0.006 min  
Lab File: VX044061.D  
Acq: 02 Dec 2024 13:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-11



Tgt Ion:128 Resp: 2354  
Ion Ratio Lower Upper  
128 100  
127 15.8 10.2 15.2#  
129 4.0 8.6 12.8#

