

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112224\  
 Data File : VX043969.D  
 Acq On : 22 Nov 2024 18:47  
 Operator : JC/MD  
 Sample : P4846-17  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FSND-MW-EVAL-01S-20241113

Quant Time: Nov 22 22:28:39 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

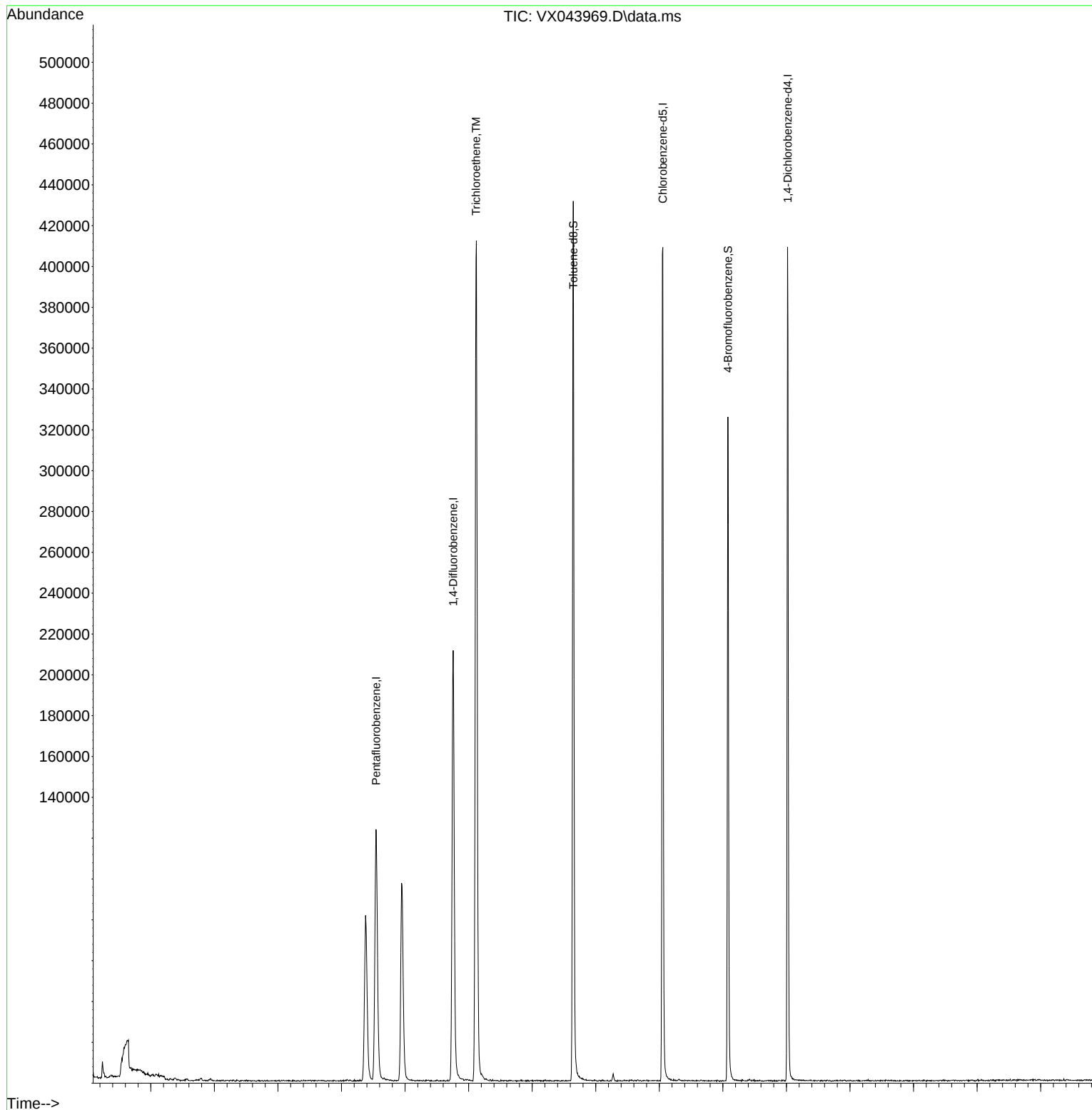
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.543  | 168   | 106735   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 209074   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 185900   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 78265    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 95772    | 52.315   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 104.620% |
| 35) Dibromofluoromethane    | 5.379  | 113   | 68870    | 46.100   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.200%  |
| 50) Toluene-d8              | 8.647  | 98    | 257950   | 50.090   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 100.180% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 85223    | 48.626   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =      | 97.260%  |
| Target Compounds            |        |       |          |          |        |          |
| 16) Acetone                 | 2.379  | 43    | 1230     | 1.463    | ug/l # | 88       |
| 44) Trichloroethene         | 7.116  | 130   | 147401   | 89.792   | ug/l   | 96       |
| -----                       |        |       |          |          |        |          |

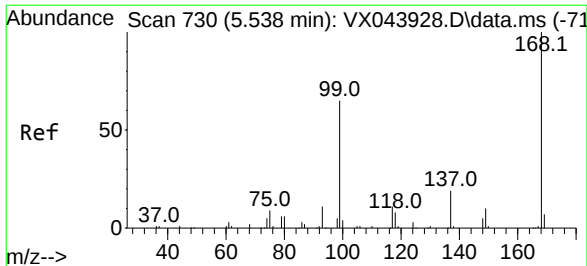
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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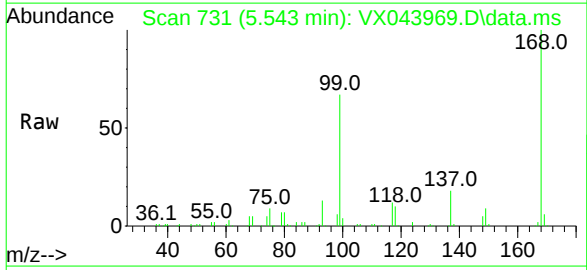
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration



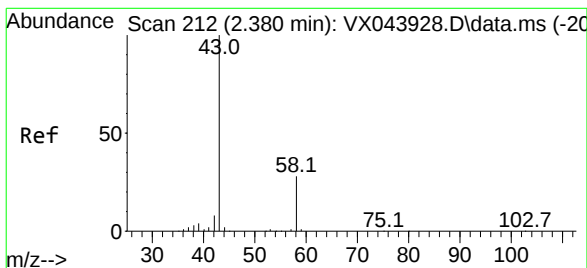
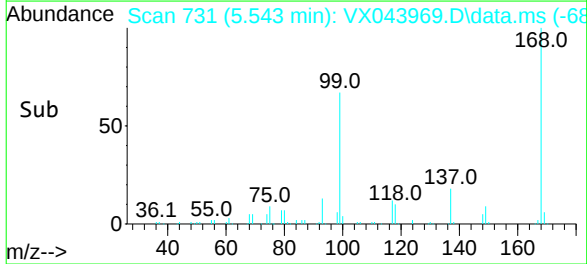
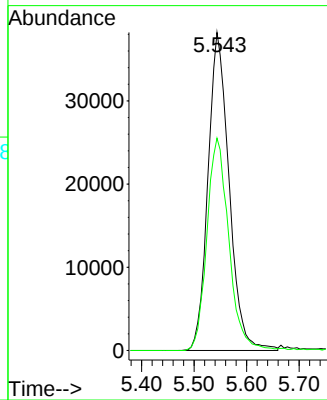


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.543 min Scan# 730  
Delta R.T. 0.005 min  
Lab File: VX043969.D  
Acq: 22 Nov 2024 18:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-MW-EVAL-01S-20241113

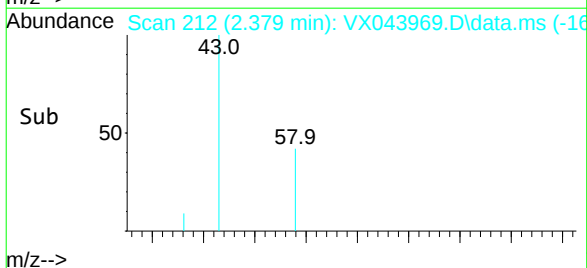
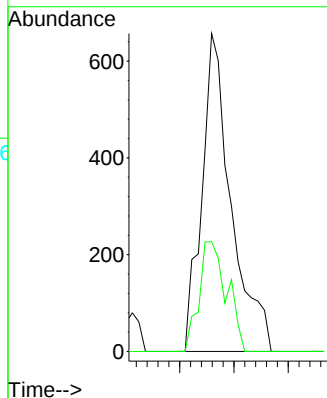
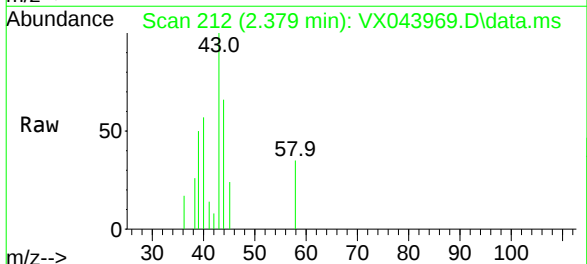


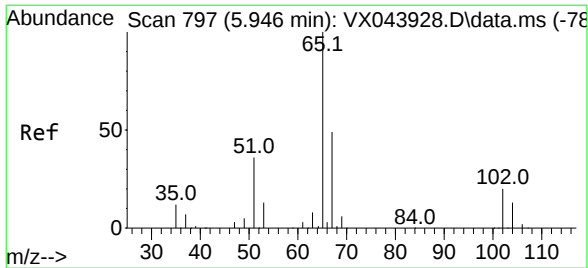
Tgt Ion: 168 Resp: 106735  
Ion Ratio Lower Upper  
168 100  
99 66.8 51.8 77.8



#16  
Acetone  
Concen: 1.463 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX043969.D  
Acq: 22 Nov 2024 18:47

Tgt Ion: 43 Resp: 1230  
Ion Ratio Lower Upper  
43 100  
58 34.6 22.7 34.1#

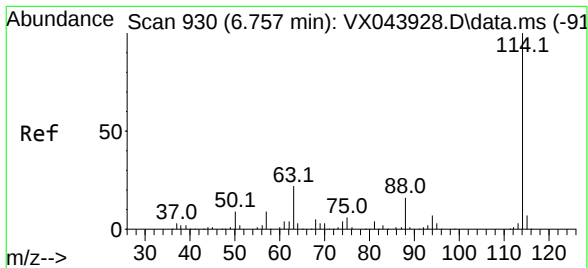
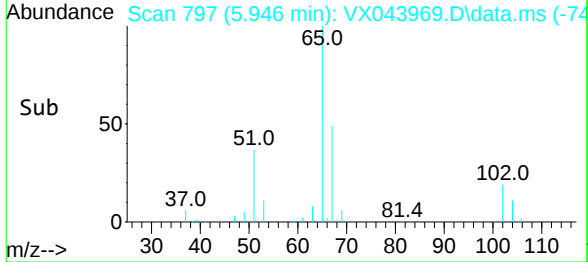
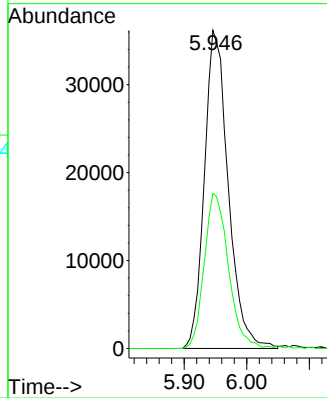
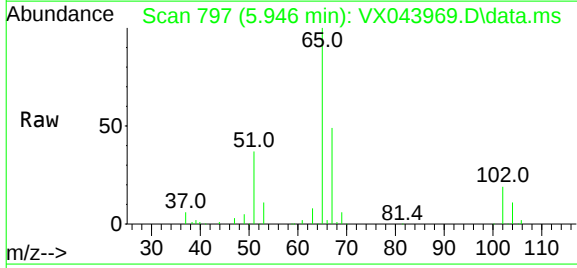




#33  
1,2-Dichloroethane-d4  
Concen: 52.315 ug/l  
RT: 5.946 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: VX043969.D  
Acq: 22 Nov 2024 18:47

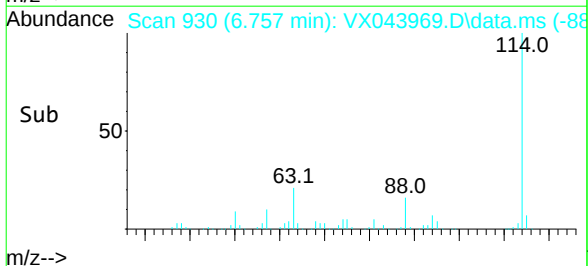
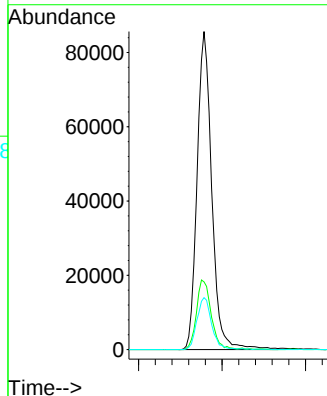
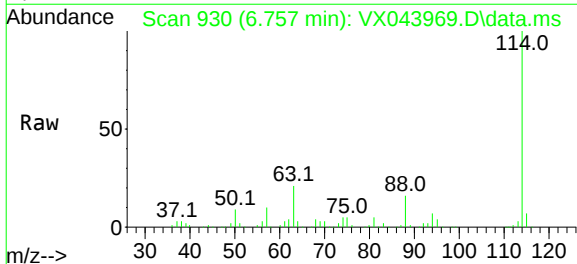
Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-MW-EVAL-01S-20241113

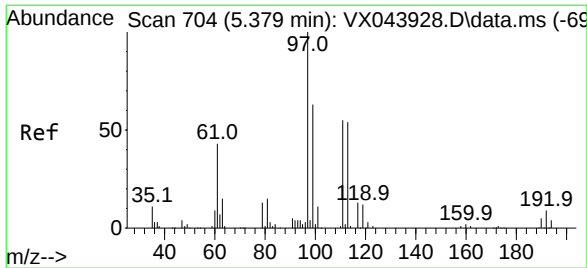
Tgt Ion: 65 Resp: 95772  
Ion Ratio Lower Upper  
65 100  
67 49.4 0.0 100.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. -0.000 min  
Lab File: VX043969.D  
Acq: 22 Nov 2024 18:47

Tgt Ion: 114 Resp: 209074  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 44.0  
88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.100 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043969.D

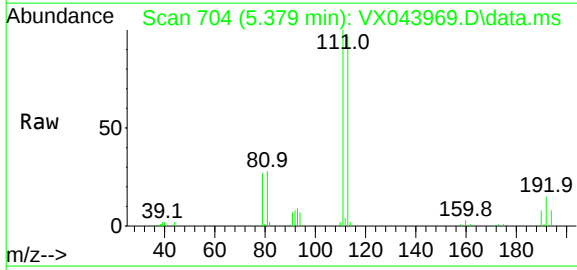
Acq: 22 Nov 2024 18:47

Instrument :

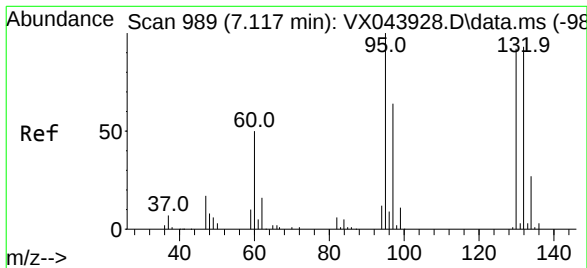
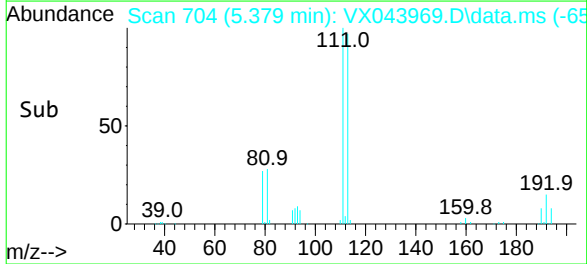
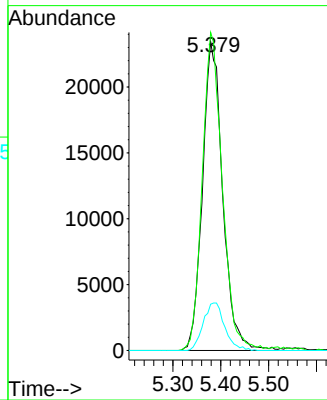
MSVOA\_X

ClientSampleId :

FSND-MW-EVAL-01S-20241113



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 68870 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.1 | 81.0  | 121.4 |
| 192      | 16.3  | 13.0  | 19.6  |



#44

Trichloroethene

Concen: 89.792 ug/l

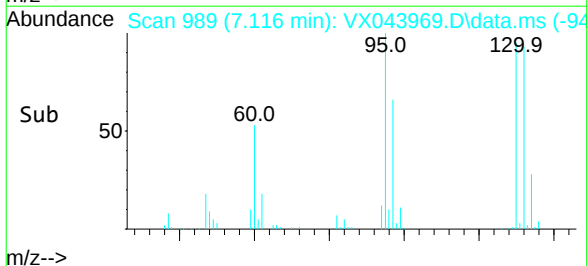
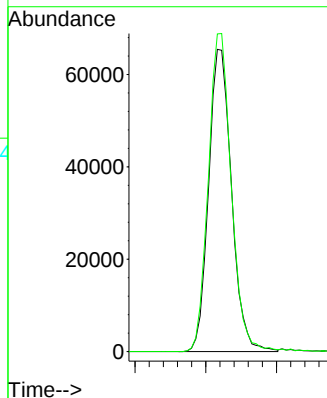
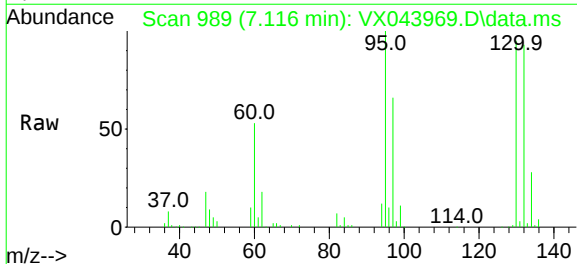
RT: 7.116 min Scan# 989

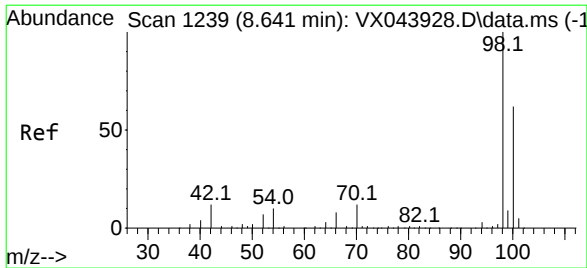
Delta R.T. -0.000 min

Lab File: VX043969.D

Acq: 22 Nov 2024 18:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 147401 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 105.1 | 0.0   | 217.8  |

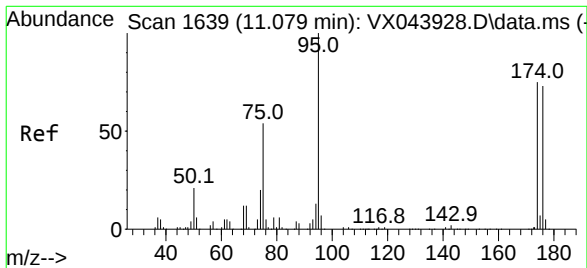
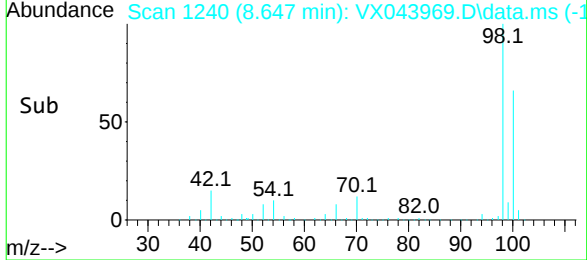
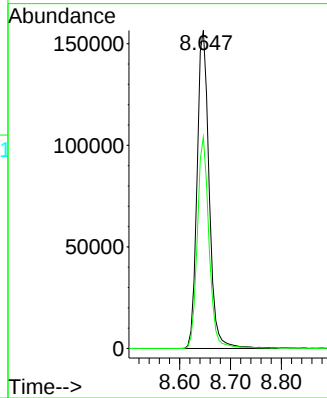
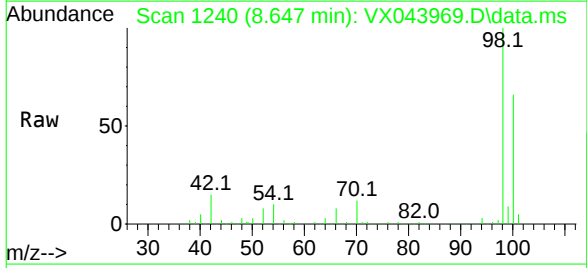




#50  
Toluene-d8  
Concen: 50.090 ug/l  
RT: 8.647 min Scan# 1239  
Delta R.T. 0.006 min  
Lab File: VX043969.D  
Acq: 22 Nov 2024 18:47

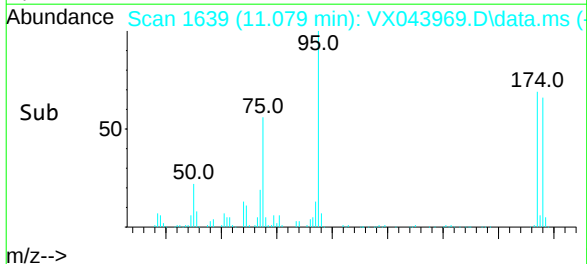
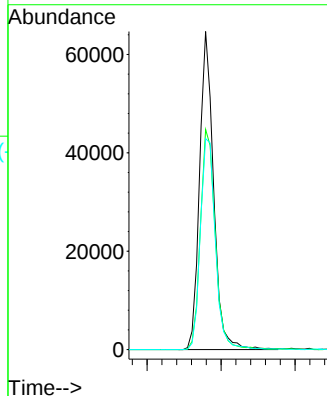
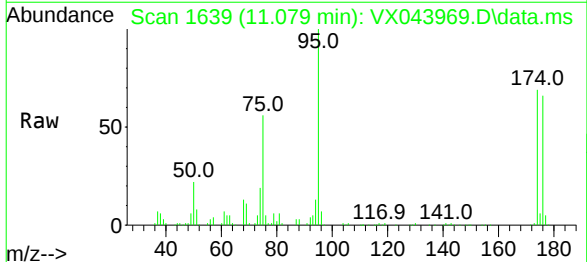
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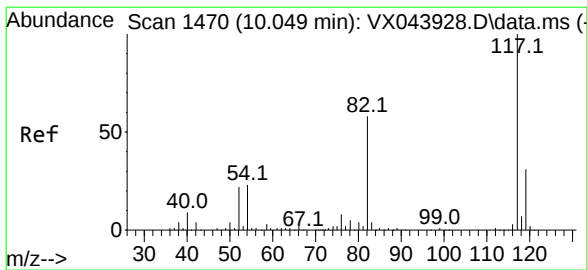
Tgt Ion: 98 Resp: 257950  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.6 79.0



#62  
4-Bromofluorobenzene  
Concen: 48.626 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX043969.D  
Acq: 22 Nov 2024 18:47

Tgt Ion: 95 Resp: 85223  
Ion Ratio Lower Upper  
95 100  
174 73.1 0.0 150.4  
176 71.5 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: VX043969.D

Acq: 22 Nov 2024 18:47

Instrument :

MSVOA\_X

ClientSampleId :

FSND-MW-EVAL-01S-20241113

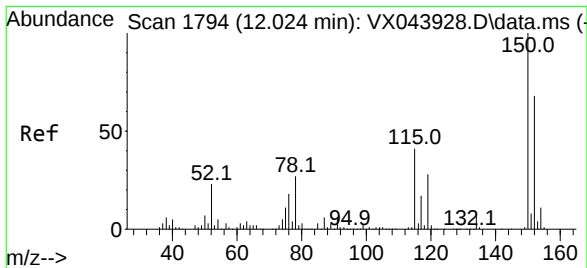
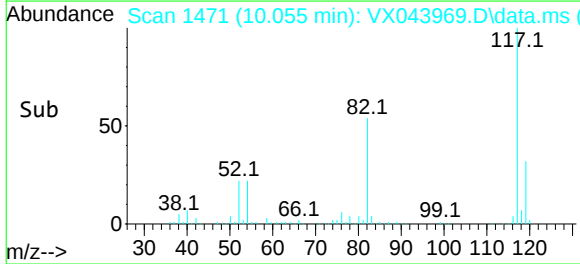
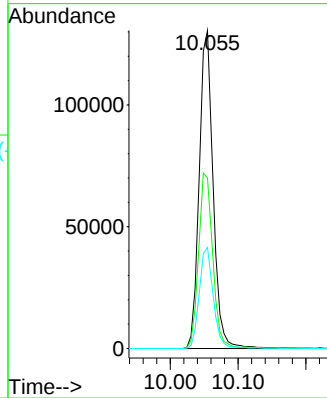
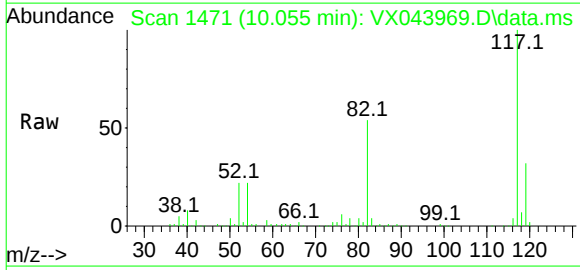
Tgt Ion:117 Resp: 185900

Ion Ratio Lower Upper

117 100

82 53.6 46.4 69.6

119 31.7 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: VX043969.D

Acq: 22 Nov 2024 18:47

Tgt Ion:152 Resp: 78265

Ion Ratio Lower Upper

152 100

115 62.2 45.4 136.2

150 156.8 0.0 353.0

