

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021225\  
 Data File : VX044938.D  
 Acq On : 12 Feb 2025 17:07  
 Operator : JC/MD  
 Sample : Q1355-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW2

Quant Time: Feb 13 00:52:12 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 11 03:41:08 2025  
 Response via : Initial Calibration

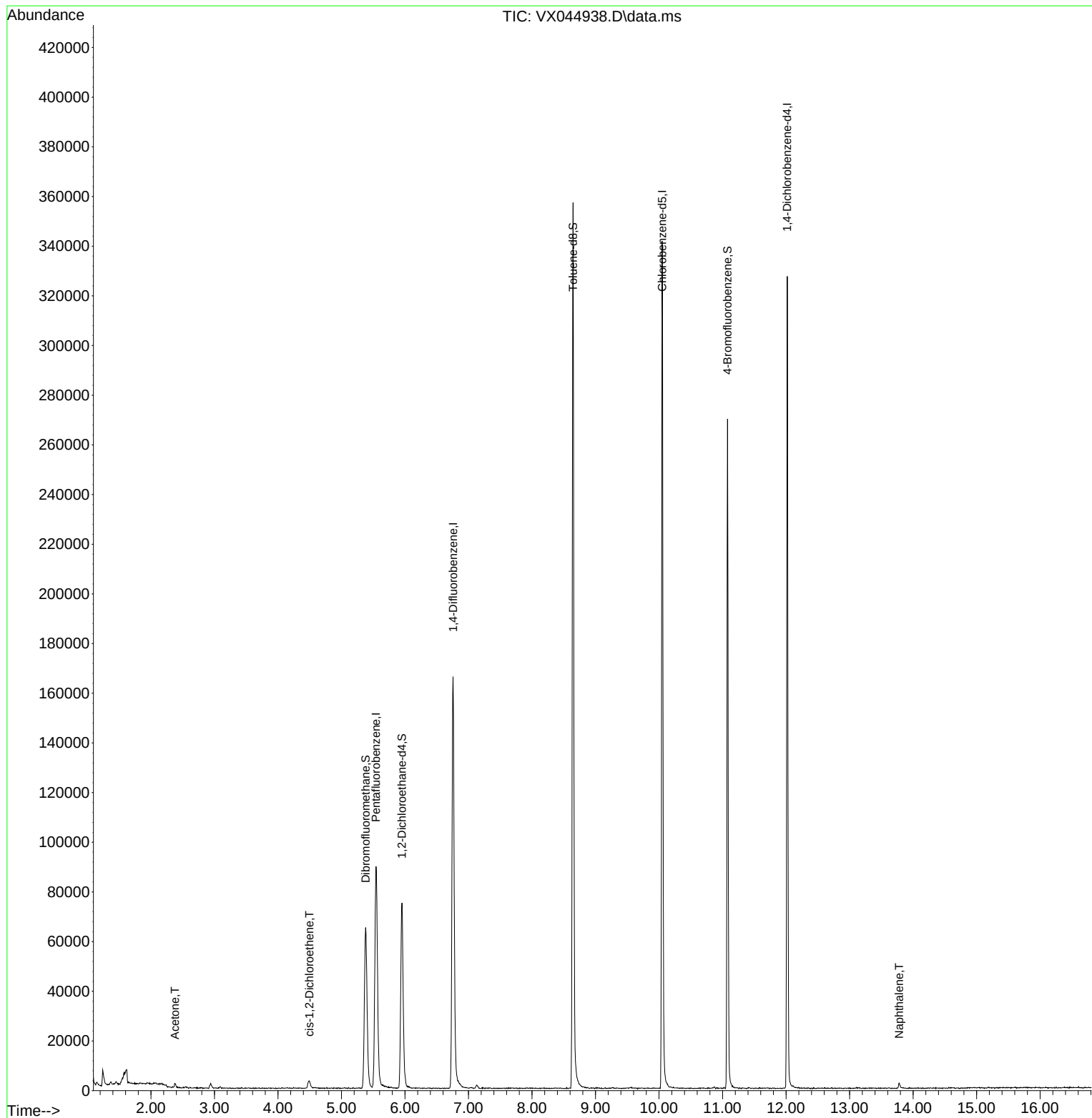
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.544     | 168   | 85678    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757     | 114   | 173415   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.049    | 117   | 155759   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152   | 62222    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65    | 69720    | 55.590   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =      | 111.180% |
| 35) Dibromofluoromethane    | 5.379     | 113   | 58379    | 51.778   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 103.560% |
| 50) Toluene-d8              | 8.647     | 98    | 216198   | 50.709   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =      | 101.420% |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 71446    | 49.708   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | =      | 99.420%  |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 2.380     | 43    | 1848     | 3.665    | ug/l # | 76       |
| 27) cis-1,2-Dichloroethene  | 4.495     | 96    | 2073     | 1.588    | ug/l   | 94       |
| 95) Naphthalene             | 13.780    | 128   | 2579     | 0.574    | ug/l # | 90       |
| -----                       |           |       |          |          |        |          |

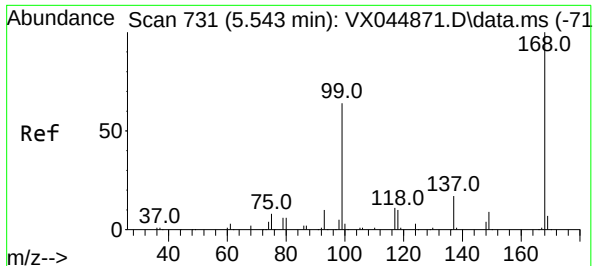
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 11 03:41:08 2025  
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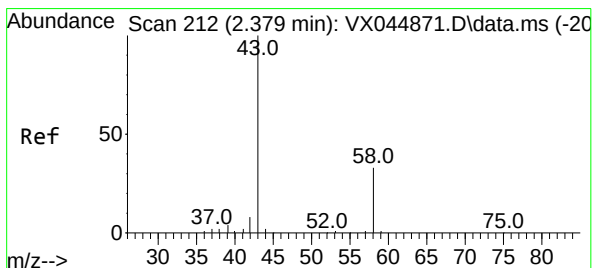
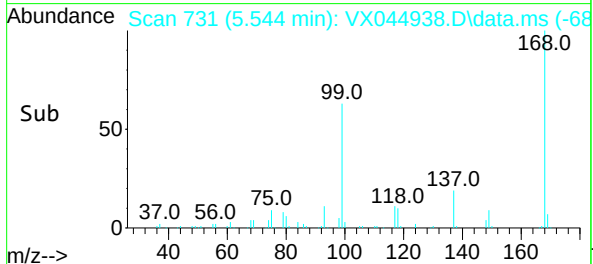
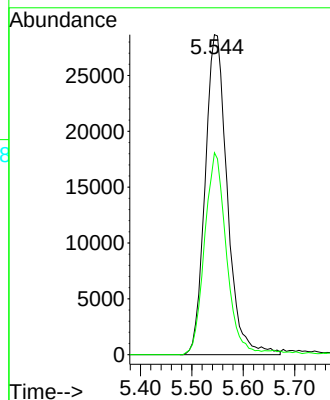
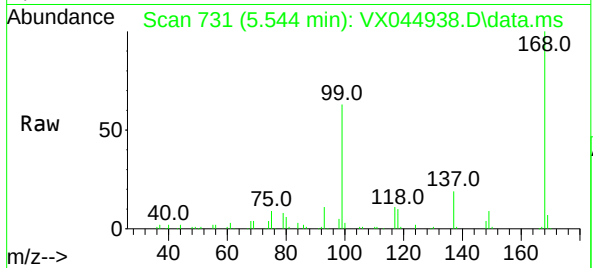




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. 0.001 min  
Lab File: VX044938.D  
Acq: 12 Feb 2025 17:07

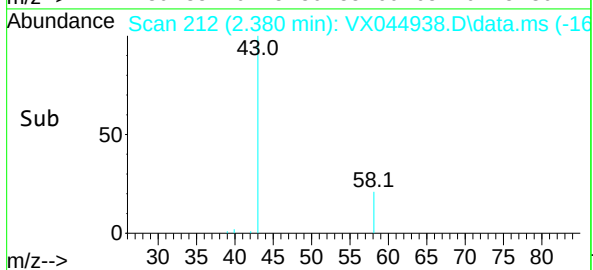
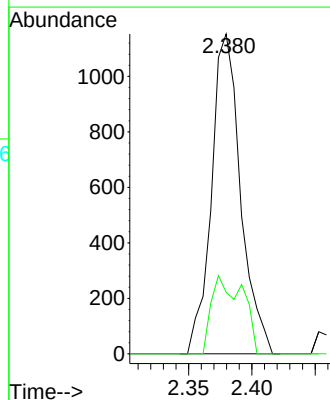
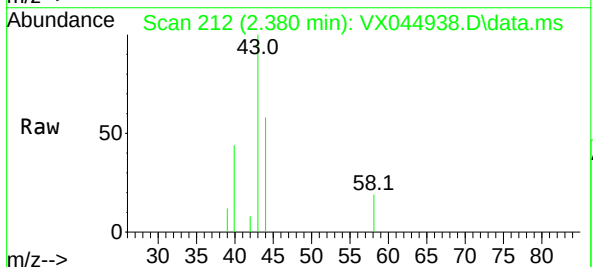
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

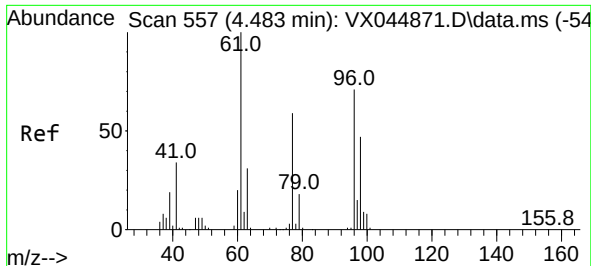
Tgt Ion:168 Resp: 85678  
Ion Ratio Lower Upper  
168 100  
99 63.1 51.2 76.8



#16  
Acetone  
Concen: 3.665 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX044938.D  
Acq: 12 Feb 2025 17:07

Tgt Ion: 43 Resp: 1848  
Ion Ratio Lower Upper  
43 100  
58 19.3 26.5 39.7#





#27

cis-1,2-Dichloroethene

Concen: 1.588 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.013 min

Lab File: VX044938.D

Acq: 12 Feb 2025 17:07

Instrument :

MSVOA\_X

ClientSampleId :

MW2

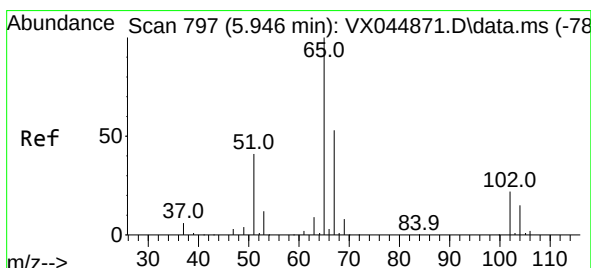
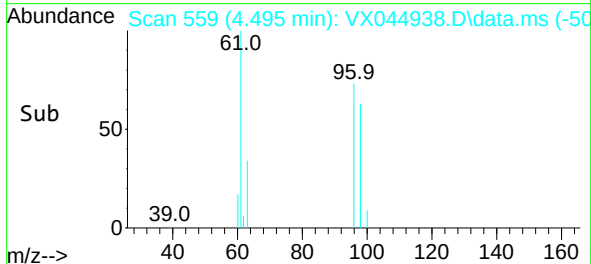
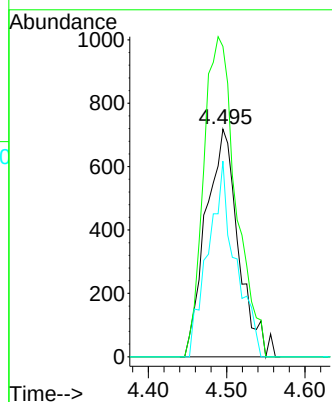
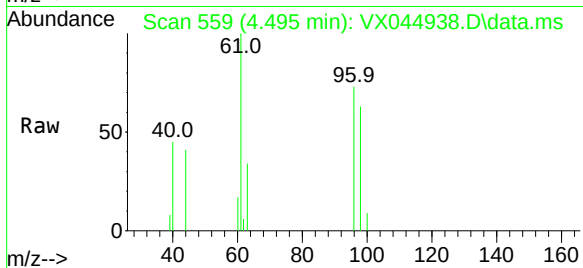
Tgt Ion: 96 Resp: 2073

Ion Ratio Lower Upper

96 100

61 140.1 0.0 294.0

98 71.6 0.0 131.2



#33

1,2-Dichloroethane-d4

Concen: 55.590 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044938.D

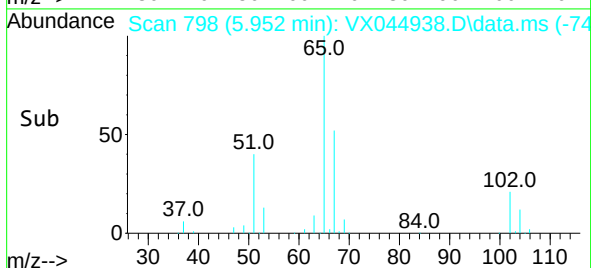
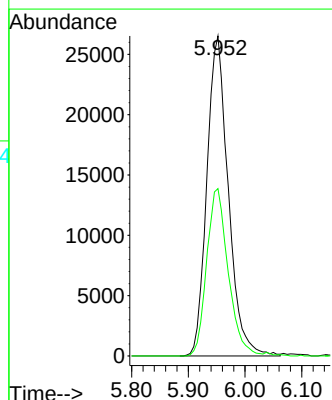
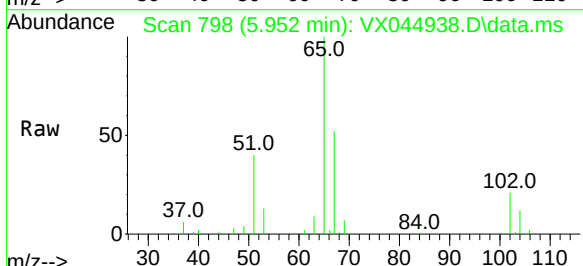
Acq: 12 Feb 2025 17:07

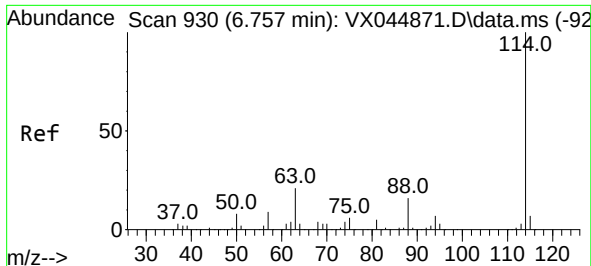
Tgt Ion: 65 Resp: 69720

Ion Ratio Lower Upper

65 100

67 52.4 0.0 108.2

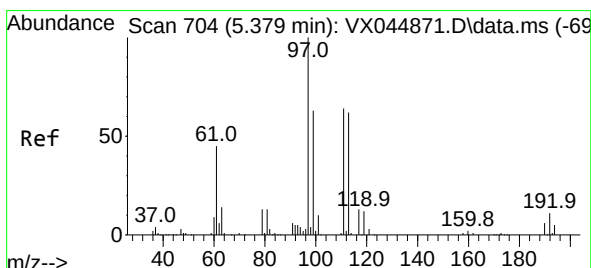
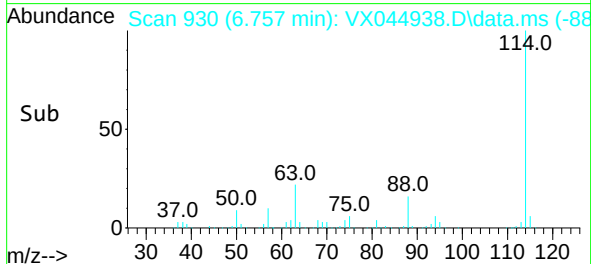
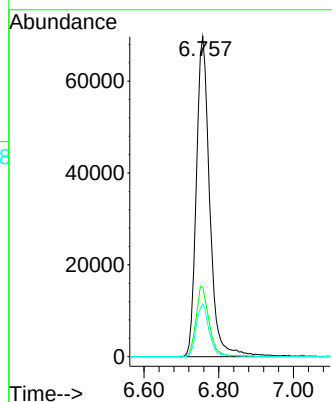
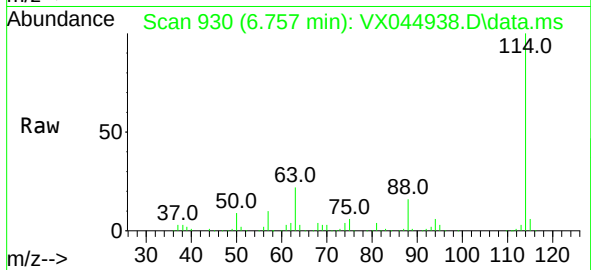




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VX044938.D  
 Acq: 12 Feb 2025 17:07

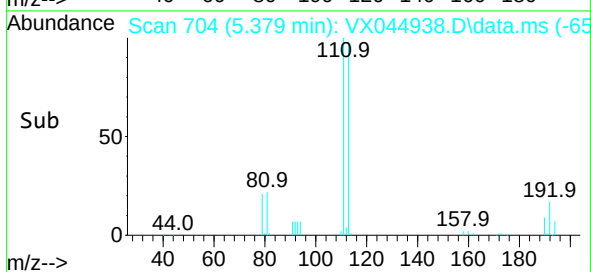
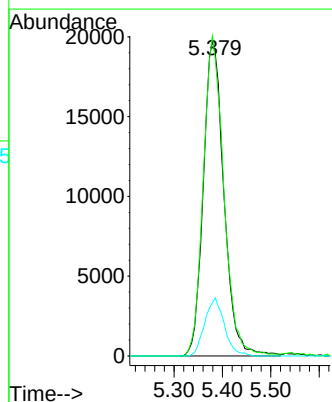
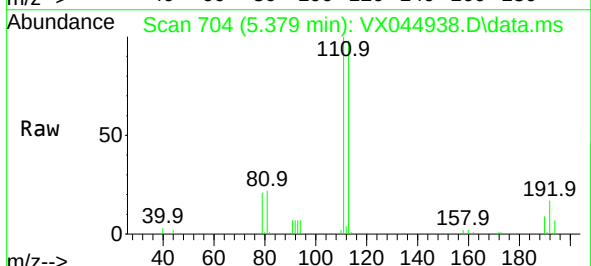
Instrument :  
 MSVOA\_X  
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 MW2

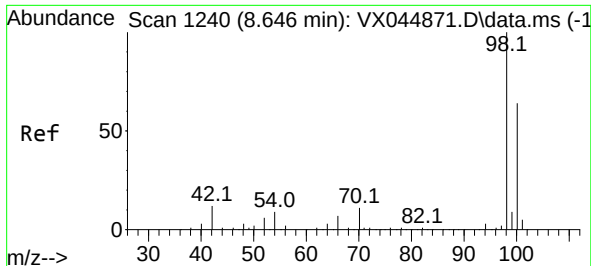
Tgt Ion:114 Resp: 173415  
 Ion Ratio Lower Upper  
 114 100  
 63 21.7 0.0 42.4  
 88 16.4 0.0 31.4



#35  
 Dibromofluoromethane  
 Concen: 51.778 ug/l  
 RT: 5.379 min Scan# 704  
 Delta R.T. 0.000 min  
 Lab File: VX044938.D  
 Acq: 12 Feb 2025 17:07

Tgt Ion:113 Resp: 58379  
 Ion Ratio Lower Upper  
 113 100  
 111 101.4 83.5 125.3  
 192 17.5 14.4 21.6

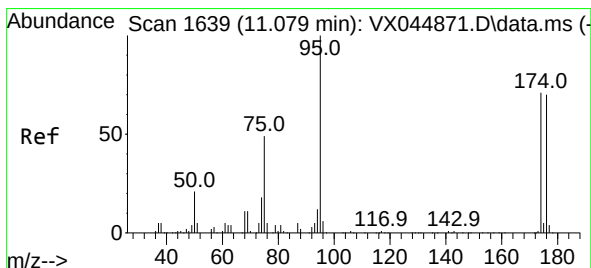
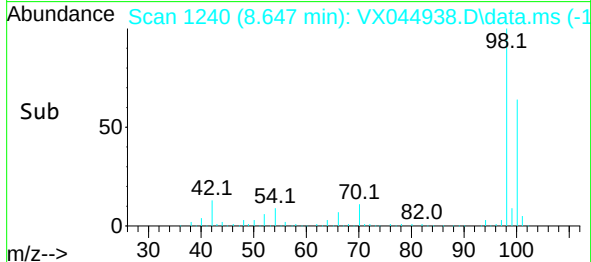
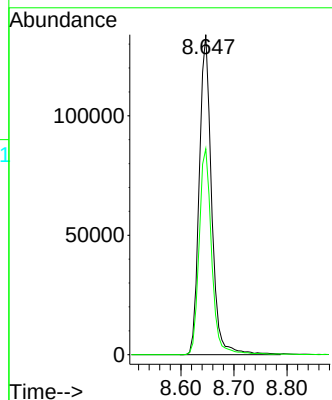
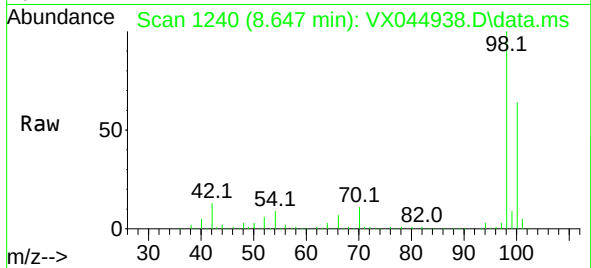




#50  
Toluene-d8  
Concen: 50.709 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX044938.D  
Acq: 12 Feb 2025 17:07

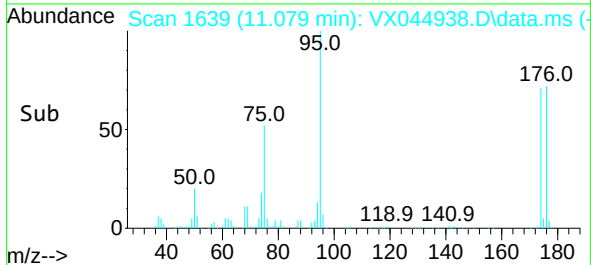
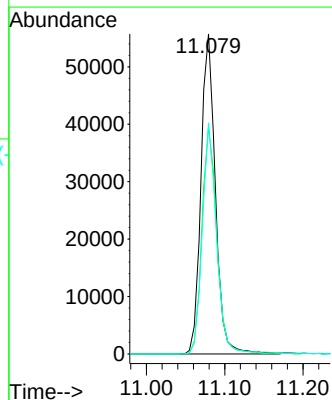
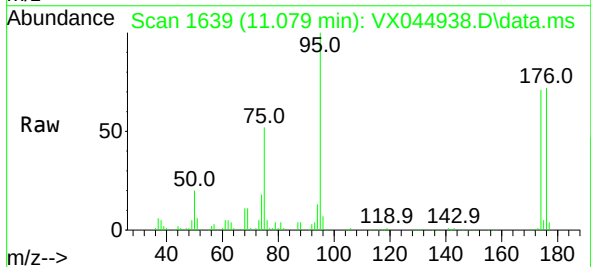
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2

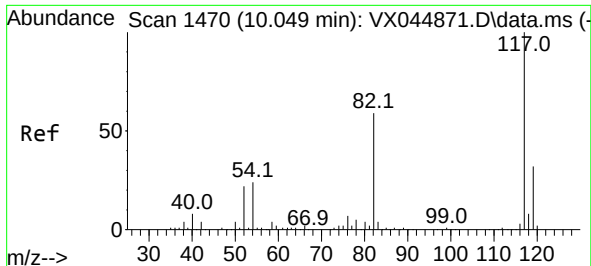
Tgt Ion: 98 Resp: 216198  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.7 79.1



#62  
4-Bromofluorobenzene  
Concen: 49.708 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX044938.D  
Acq: 12 Feb 2025 17:07

Tgt Ion: 95 Resp: 71446  
Ion Ratio Lower Upper  
95 100  
174 73.2 0.0 142.6  
176 71.0 0.0 141.6

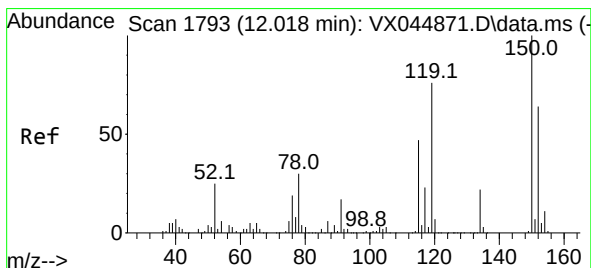
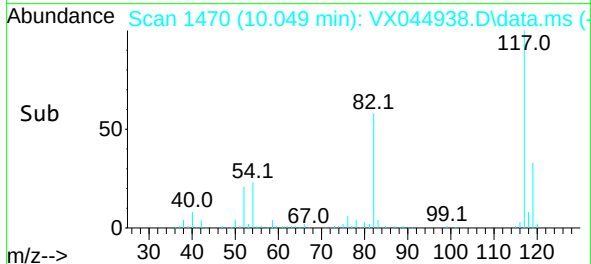
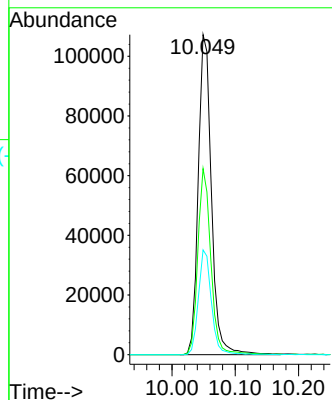
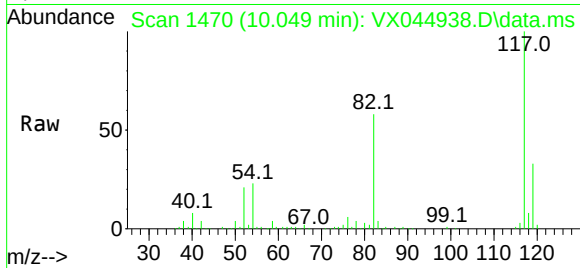




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX044938.D  
Acq: 12 Feb 2025 17:07

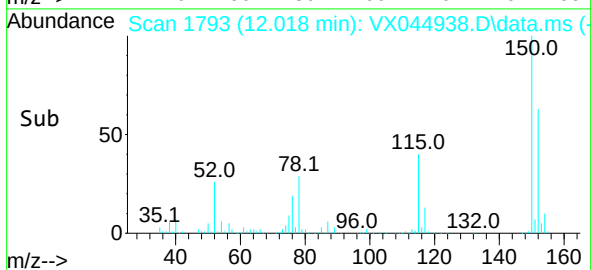
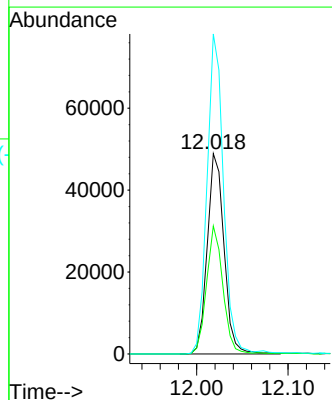
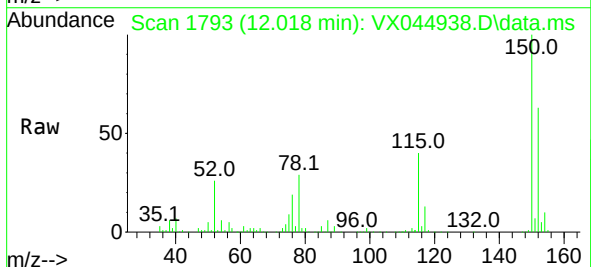
Instrument :  
MSVOA\_X  
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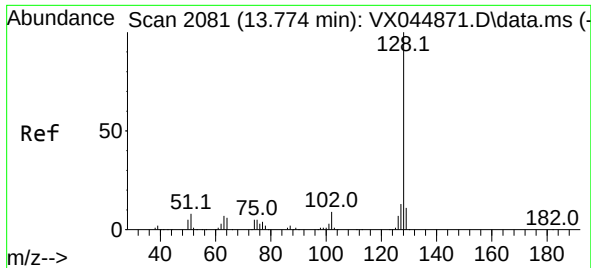
Tgt Ion:117 Resp: 155759  
Ion Ratio Lower Upper  
117 100  
82 58.1 47.5 71.3  
119 32.7 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX044938.D  
Acq: 12 Feb 2025 17:07

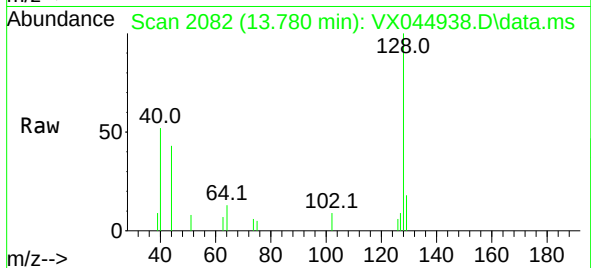
Tgt Ion:152 Resp: 62222  
Ion Ratio Lower Upper  
152 100  
115 62.6 43.4 130.1  
150 158.0 0.0 350.4





#95  
Naphthalene  
Concen: 0.574 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.006 min  
Lab File: VX044938.D  
Acq: 12 Feb 2025 17:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:128 Resp: 2579  
Ion Ratio Lower Upper  
128 100  
127 9.5 10.1 15.1#  
129 6.5 8.9 13.3#

