

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051324\  
 Data File : VX041500.D  
 Acq On : 13 May 2024 18:08  
 Operator : JC/MD  
 Sample : P2450-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1011UMR-TB240507

Quant Time: May 14 01:36:23 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 08 06:03:16 2024  
 Response via : Initial Calibration

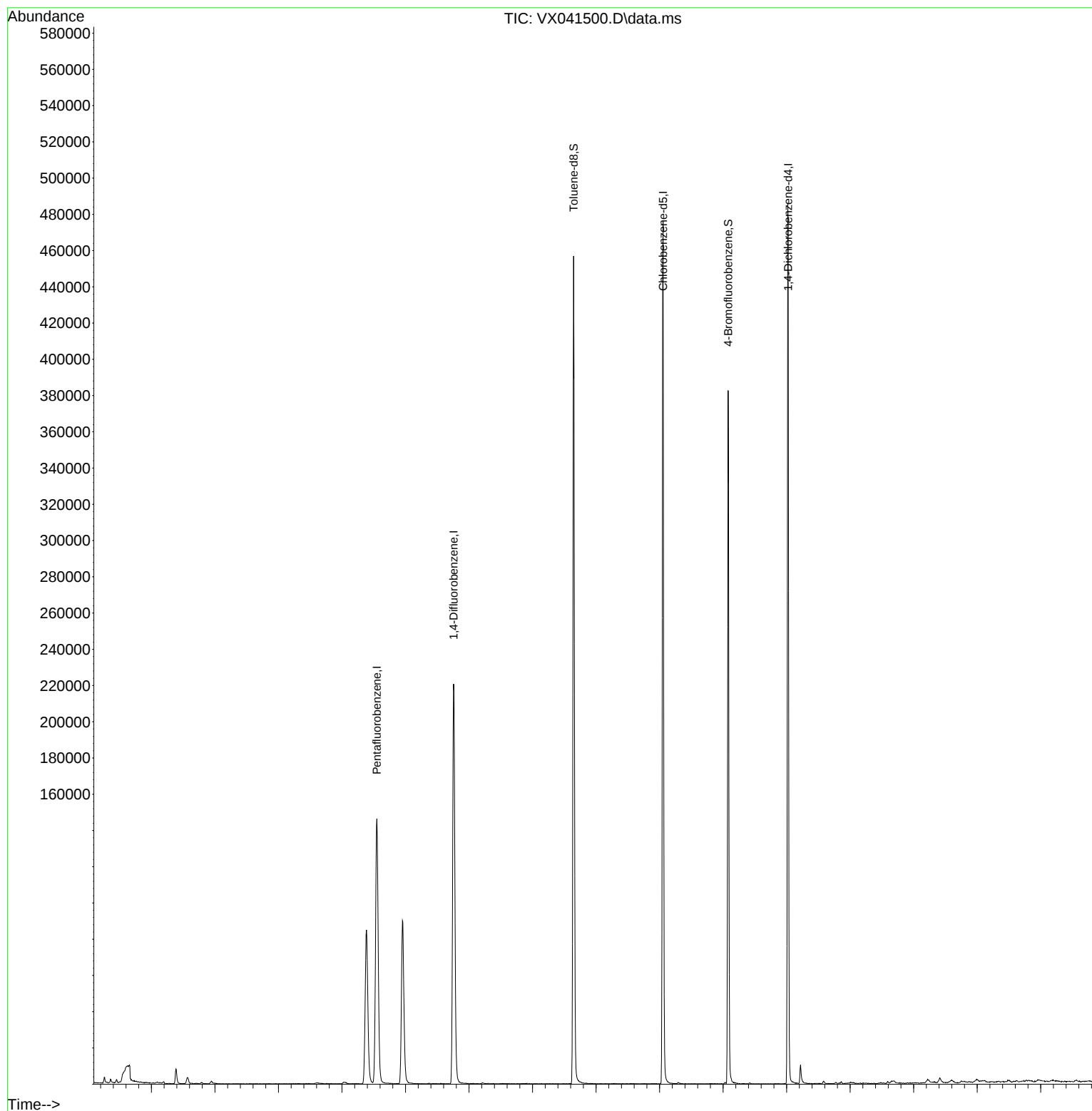
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.550  | 168   | 157457   | 50.000   | ug/l  | # 0.00    |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 236775   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 228155   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 111752   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 90733    | 52.932   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 105.860%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 74087    | 46.173   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 92.340%   |
| 50) Toluene-d8              | 8.647  | 98    | 275247   | 54.198   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 108.400%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 92389    | 46.995   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 93.980%   |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 2.386  | 43    | 9346     | 8.605    | ug/l  | Qvalue 98 |
| -----                       |        |       |          |          |       |           |

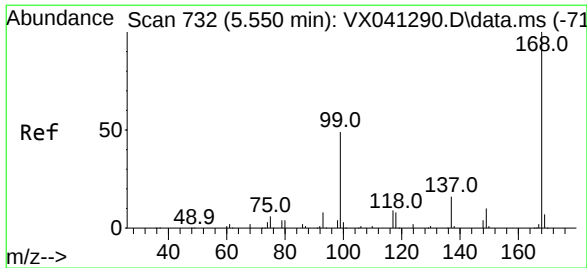
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1011UMR-TB240507

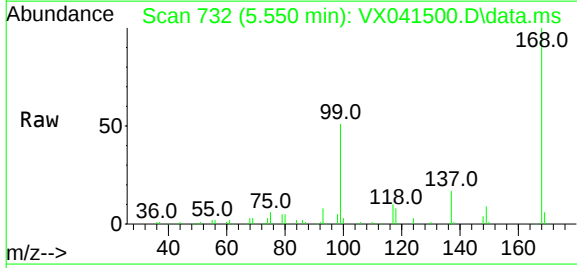
Quant Time: May 14 01:36:23 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 08 06:03:16 2024  
Response via : Initial Calibration



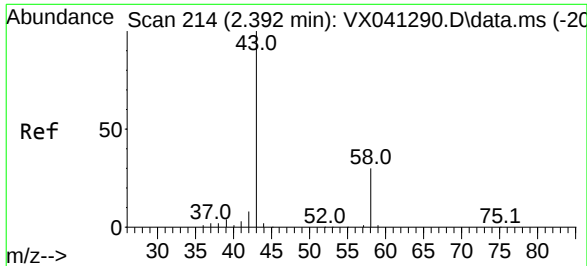
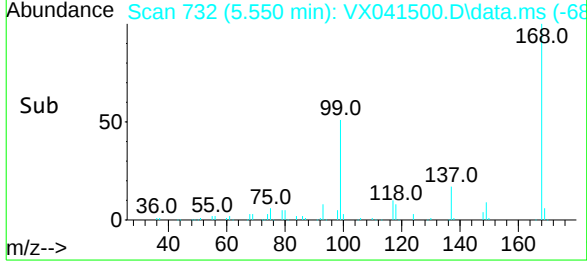
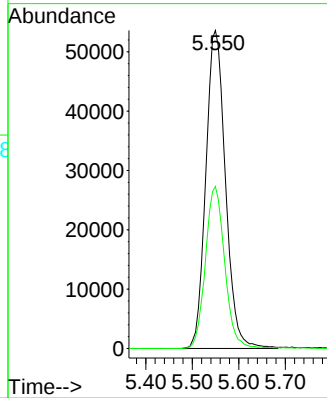


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX041500.D  
Acq: 13 May 2024 18:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
1011UMR-TB240507

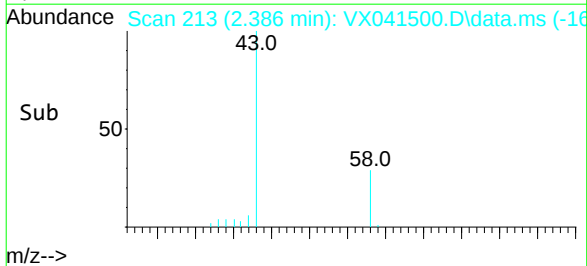
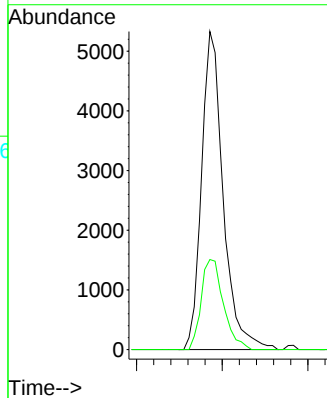
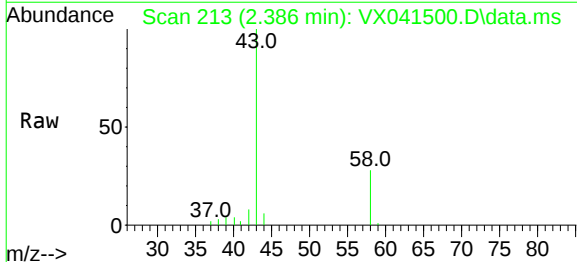


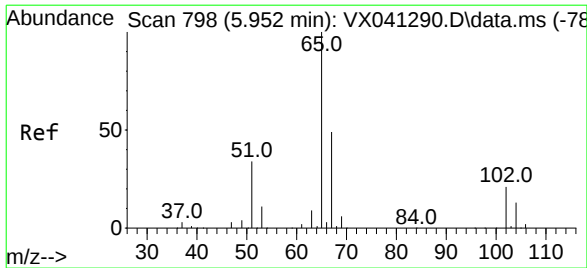
Tgt Ion:168 Resp: 157457  
Ion Ratio Lower Upper  
168 100  
99 50.9 56.6 85.0#



#16  
Acetone  
Concen: 8.605 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX041500.D  
Acq: 13 May 2024 18:08

Tgt Ion: 43 Resp: 9346  
Ion Ratio Lower Upper  
43 100  
58 28.3 21.9 32.9

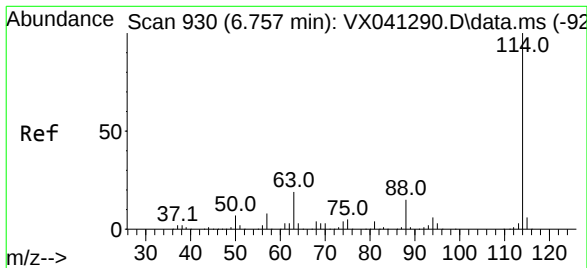
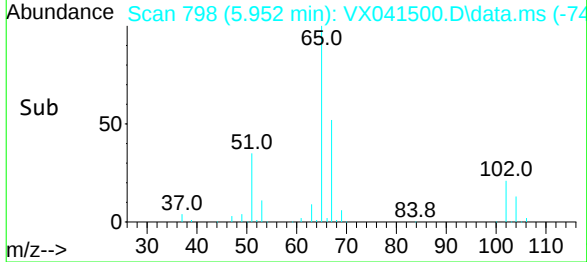
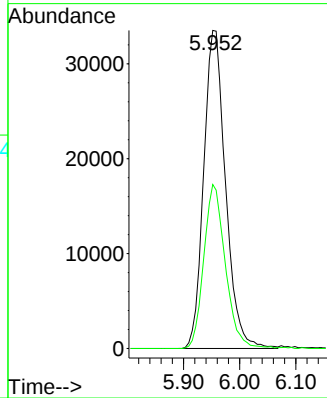
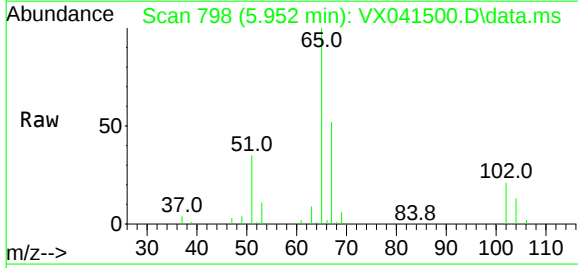




#33  
1,2-Dichloroethane-d4  
Concen: 52.932 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX041500.D  
Acq: 13 May 2024 18:08

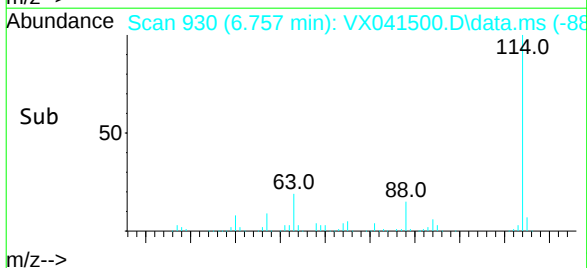
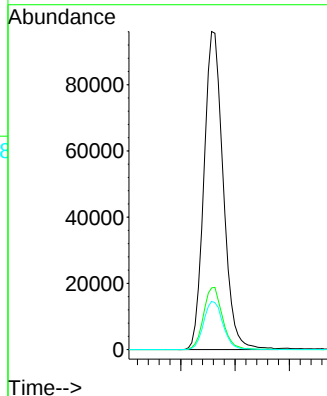
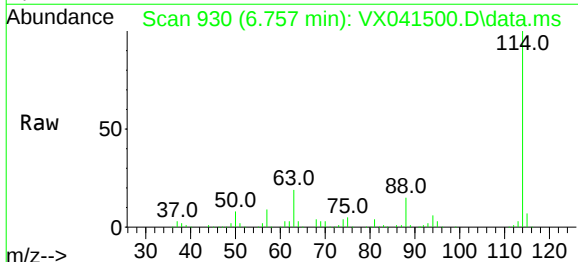
Instrument :  
MSVOA\_X  
ClientSampleId :  
1011UMR-TB240507

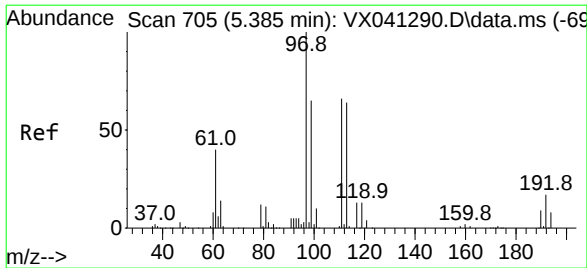
Tgt Ion: 65 Resp: 90733  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. -0.000 min  
Lab File: VX041500.D  
Acq: 13 May 2024 18:08

Tgt Ion: 114 Resp: 236775  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 45.0  
88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.173 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX041500.D

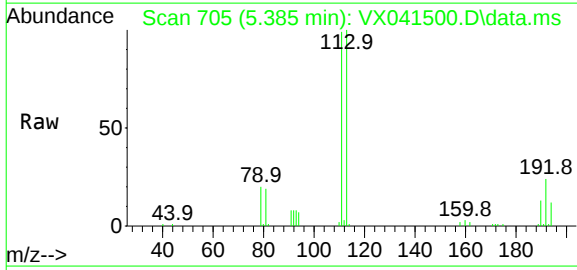
Acq: 13 May 2024 18:08

Instrument :

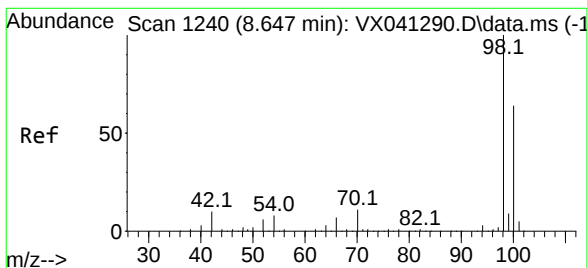
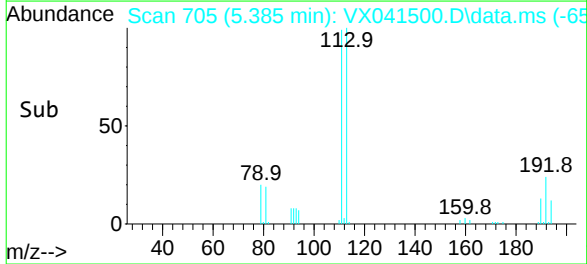
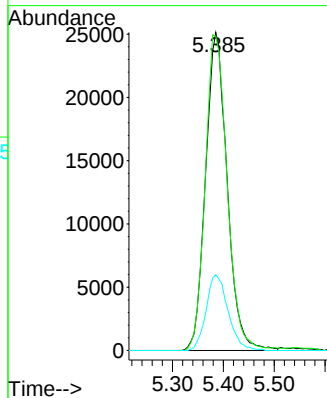
MSVOA\_X

ClientSampleId :

1011UMR-TB240507



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 74087 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 101.0 | 82.9  | 124.3 |
| 192      | 24.2  | 13.3  | 19.9# |



#50

Toluene-d8

Concen: 54.198 ug/l

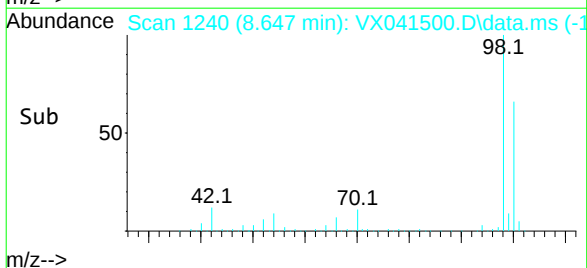
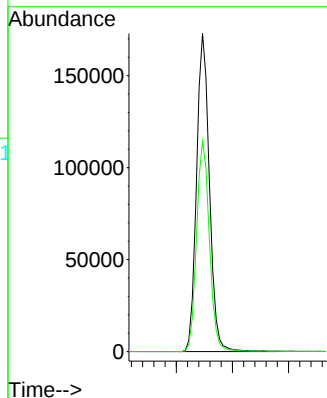
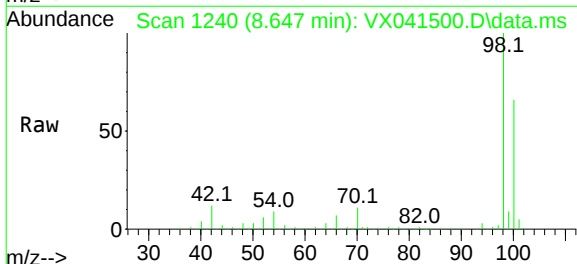
RT: 8.647 min Scan# 1240

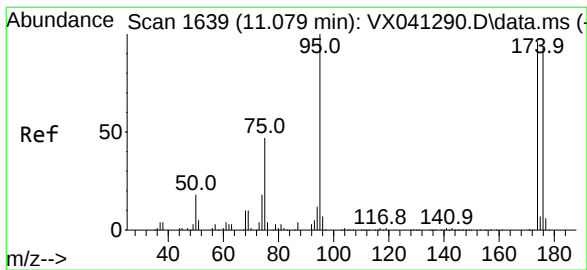
Delta R.T. -0.000 min

Lab File: VX041500.D

Acq: 13 May 2024 18:08

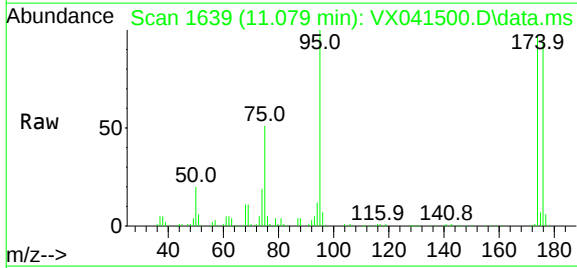
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 275247 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.4  | 53.1  | 79.7   |



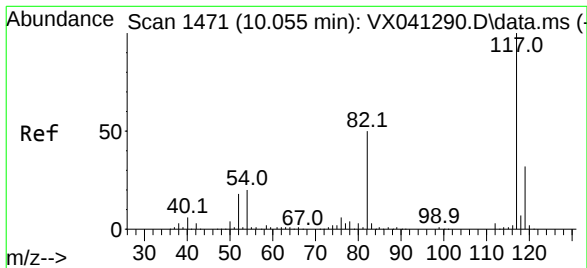
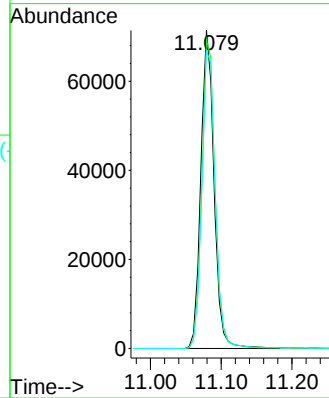
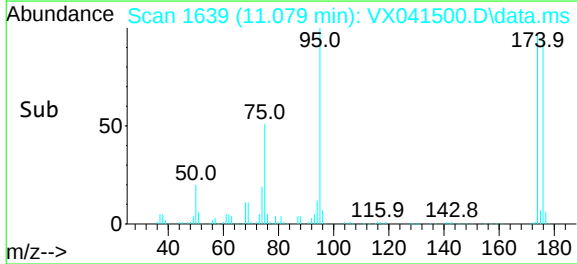


#62  
4-Bromofluorobenzene  
Concen: 46.995 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX041500.D  
Acq: 13 May 2024 18:08

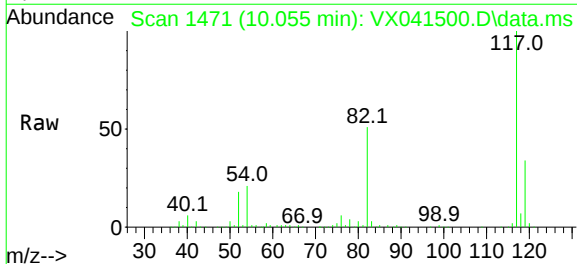
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MSVOA\_X  
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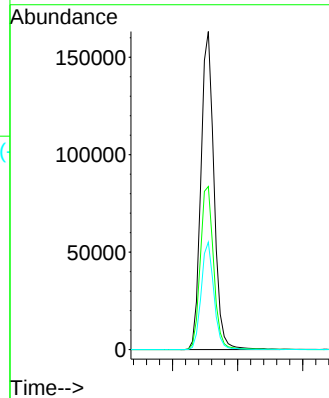
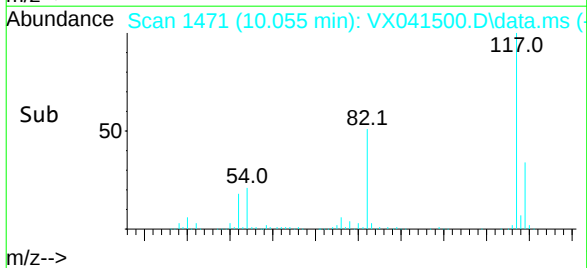
Tgt Ion: 95 Resp: 92389  
Ion Ratio Lower Upper  
95 100  
174 98.3 0.0 135.6  
176 95.2 0.0 131.0

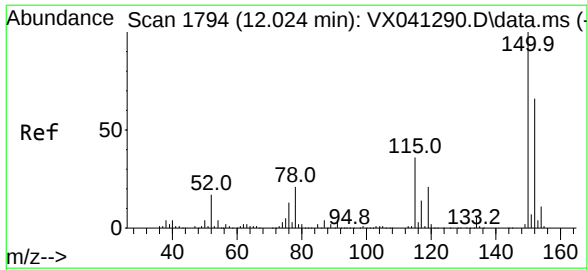


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX041500.D  
Acq: 13 May 2024 18:08



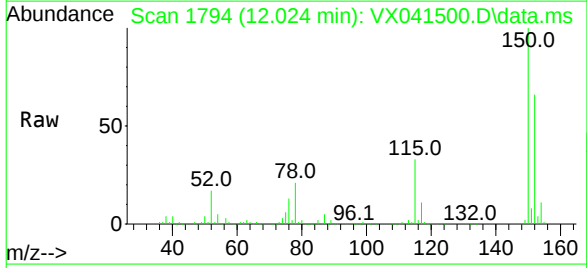
Tgt Ion: 117 Resp: 228155  
Ion Ratio Lower Upper  
117 100  
82 51.3 46.2 69.4  
119 33.8 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 17  
 Delta R.T. -0.000 min  
 Lab File: VX041500.D  
 Acq: 13 May 2024 18:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 53.5  | 43.3  | 129.9 |
| 150     | 154.5 | 0.0   | 345.0 |

