

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010524\  
 Data File : VX039649.D  
 Acq On : 05 Jan 2024 15:12  
 Operator : JC/MD  
 Sample : P1034-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4

Quant Time: Jan 05 22:23:51 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121323W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 14 01:28:15 2023  
 Response via : Initial Calibration

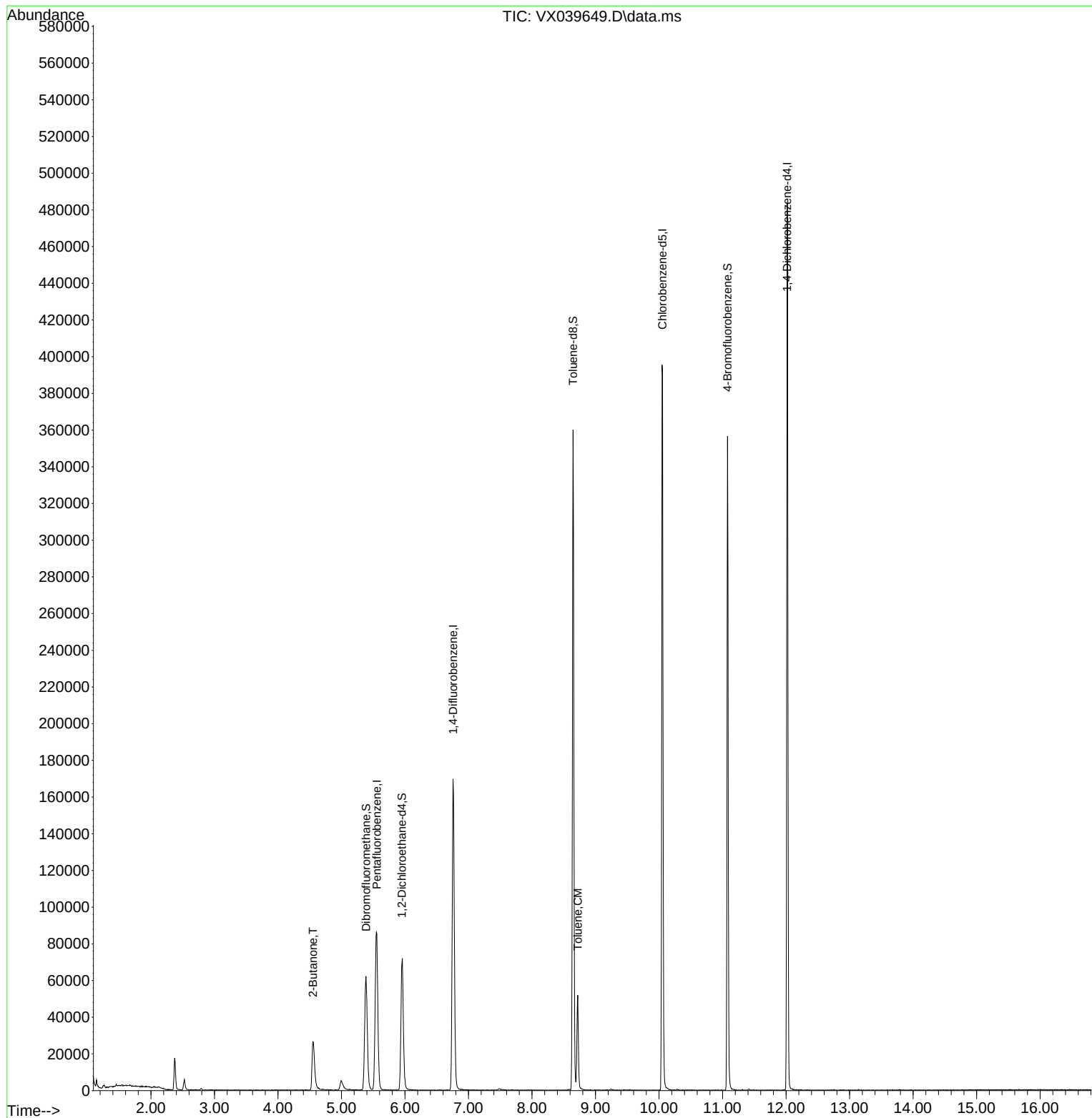
| Compound                    | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|-------|----------|
| -----                       |                |      |            |          |       |          |
| Internal Standards          |                |      |            |          |       |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 76598      | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 164125     | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 176587     | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018         | 152  | 90690      | 50.000   | ug/l  | 0.00     |
|                             |                |      |            |          |       |          |
| System Monitoring Compounds |                |      |            |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 68279      | 48.659   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 97.320%  |       |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 53864      | 47.505   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 95.020%  |       |          |
| 50) Toluene-d8              | 8.647          | 98   | 206701     | 49.104   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 98.200%  |       |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 95466      | 54.966   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 109.940% |       |          |
|                             |                |      |            |          |       |          |
| Target Compounds            |                |      |            |          |       | Qvalue   |
| 25) 2-Butanone              | 4.550          | 43   | 49777      | 41.108   | ug/l  | 99       |
| 52) Toluene                 | 8.720          | 92   | 18636      | 6.100    | ug/l  | 93       |
| -----                       |                |      |            |          |       |          |

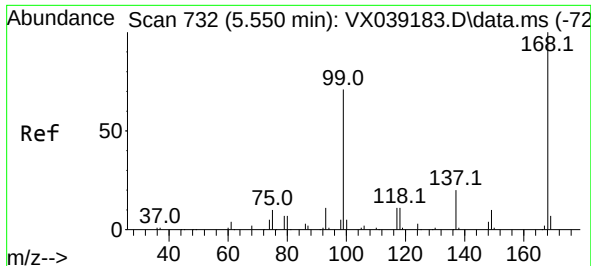
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010524\  
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Sample : P1034-05  
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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

Quant Time: Jan 05 22:23:51 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121323W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 14 01:28:15 2023  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX039649.D  
Acq: 05 Jan 2024 15:12

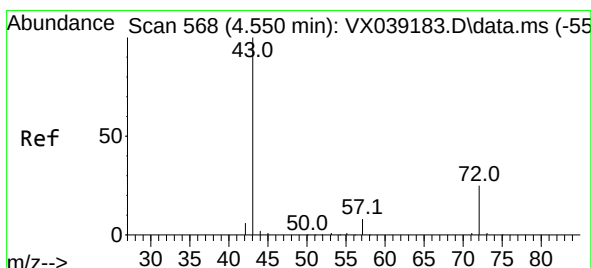
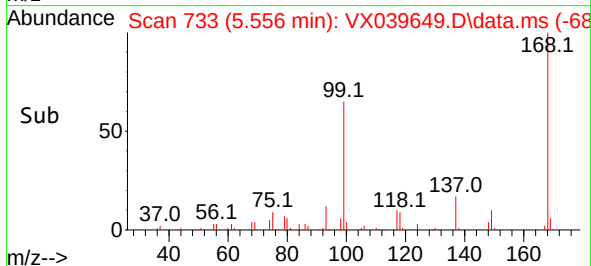
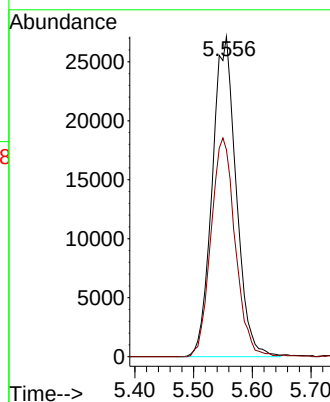
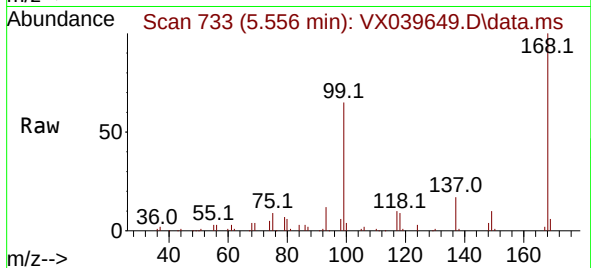
Instrument :

MSVOA\_X

ClientSampleId :

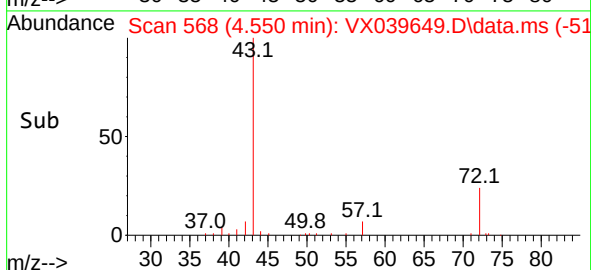
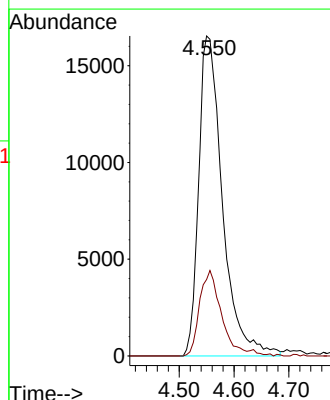
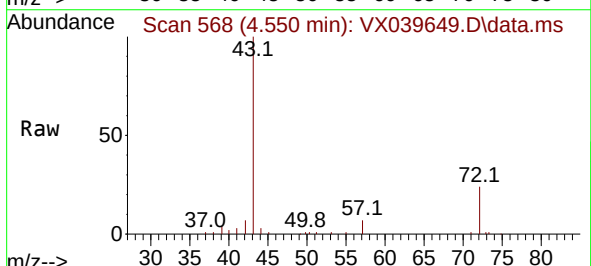
MW-4

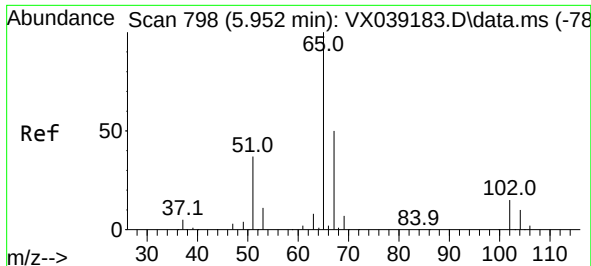
Tgt Ion:168 Resp: 76598  
Ion Ratio Lower Upper  
168 100  
99 64.6 56.6 85.0



#25  
2-Butanone  
Concen: 41.108 ug/l  
RT: 4.550 min Scan# 568  
Delta R.T. 0.000 min  
Lab File: VX039649.D  
Acq: 05 Jan 2024 15:12

Tgt Ion: 43 Resp: 49777  
Ion Ratio Lower Upper  
43 100  
72 23.9 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 48.659 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039649.D

Acq: 05 Jan 2024 15:12

Instrument :

MSVOA\_X

ClientSampleId :

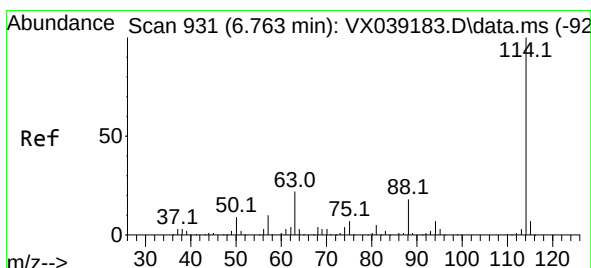
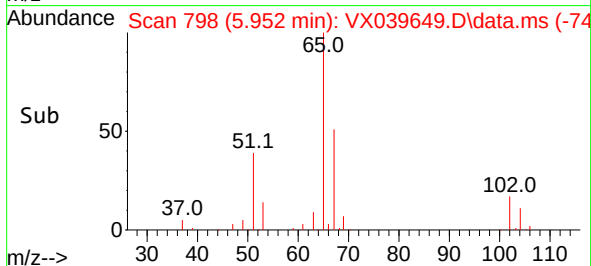
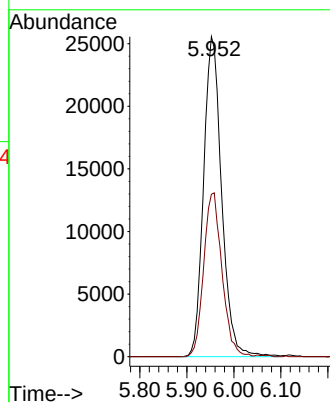
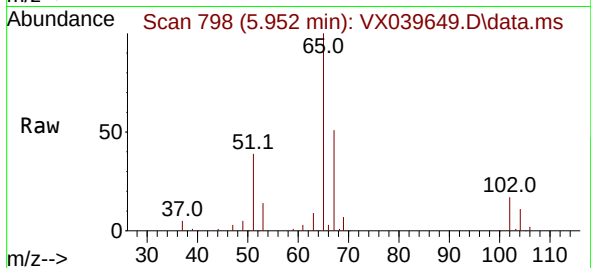
MW-4

Tgt Ion: 65 Resp: 68279

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039649.D

Acq: 05 Jan 2024 15:12

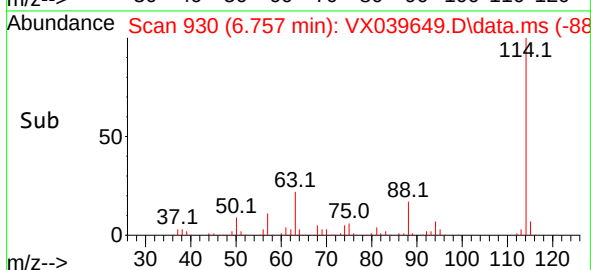
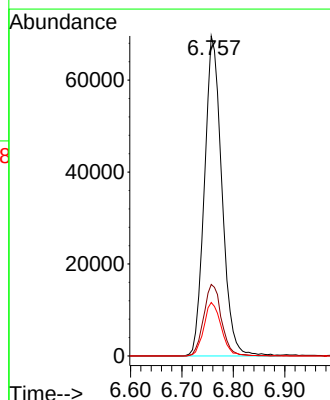
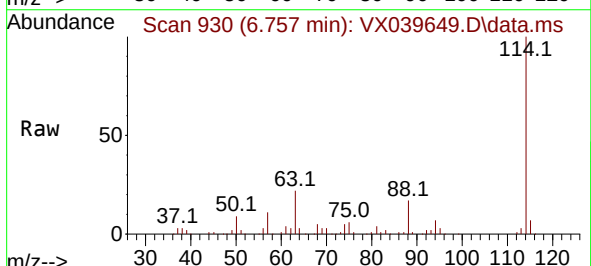
Tgt Ion: 114 Resp: 164125

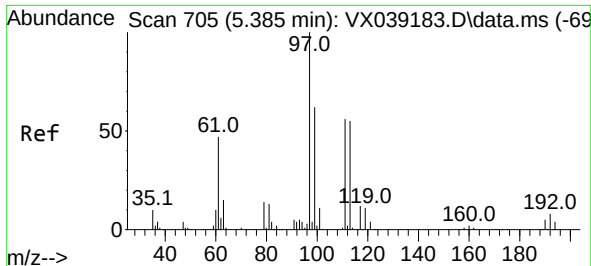
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

88 16.7 0.0 36.6

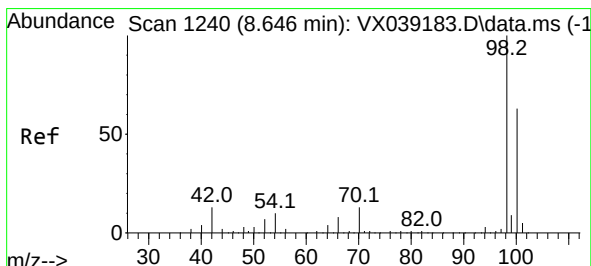
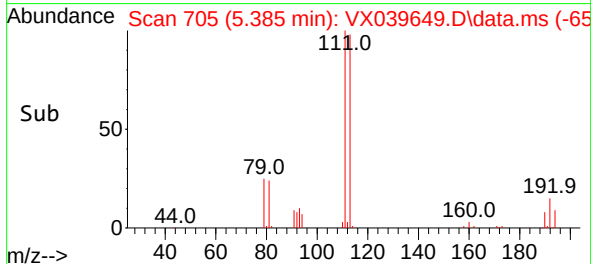
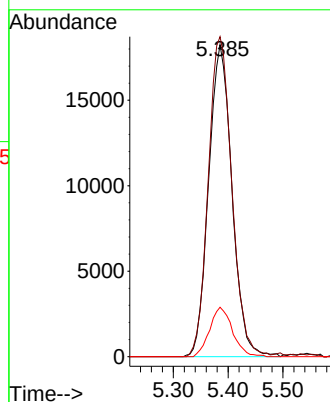
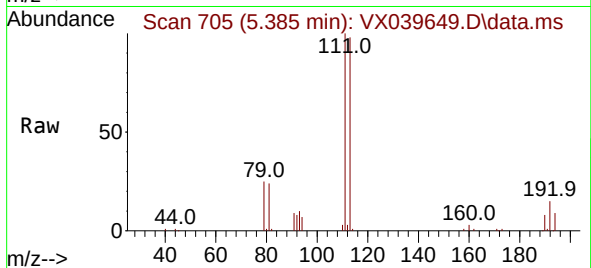




#35  
Dibromofluoromethane  
Concen: 47.505 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX039649.D  
Acq: 05 Jan 2024 15:12

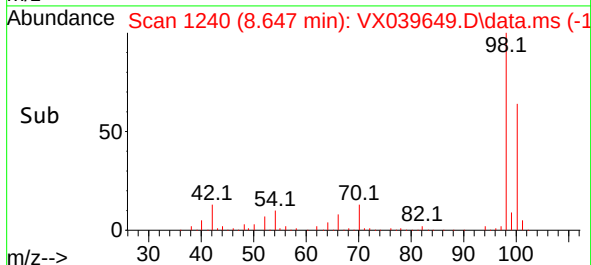
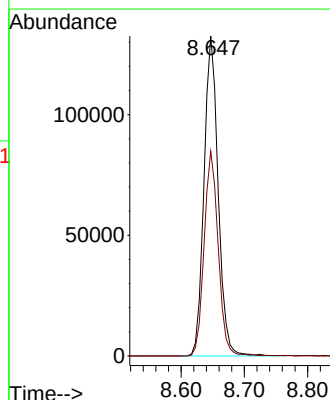
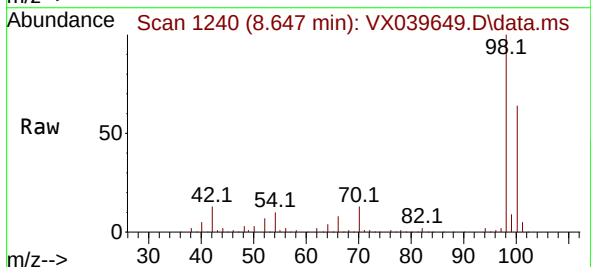
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

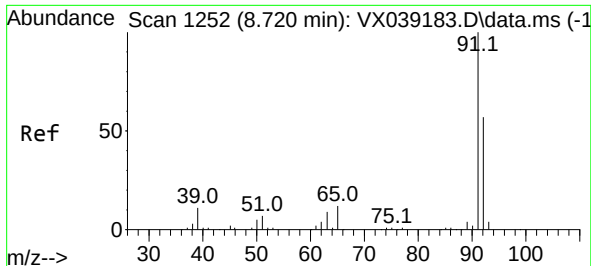
Tgt Ion:113 Resp: 53864  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.9 124.3  
192 15.6 13.3 19.9



#50  
Toluene-d8  
Concen: 49.104 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX039649.D  
Acq: 05 Jan 2024 15:12

Tgt Ion: 98 Resp: 206701  
Ion Ratio Lower Upper  
98 100  
100 63.6 53.1 79.7

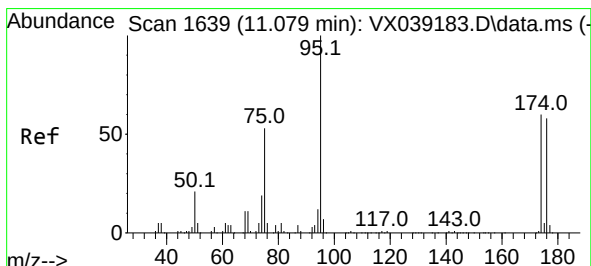
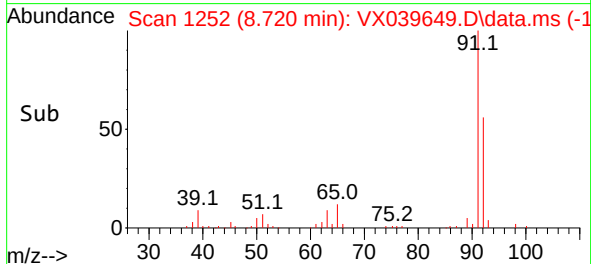
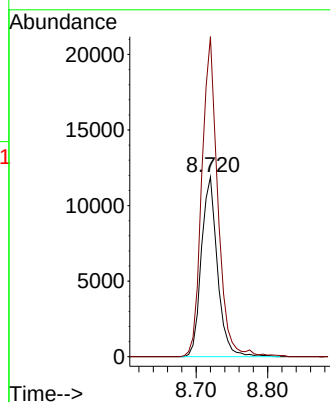
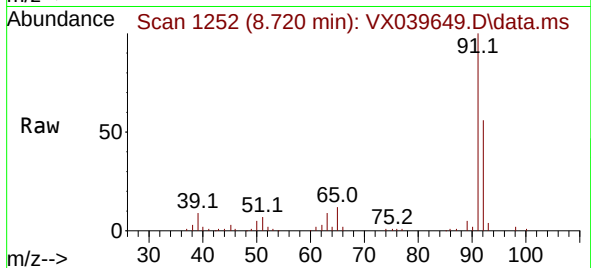




#52  
Toluene  
Concen: 6.100 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX039649.D  
Acq: 05 Jan 2024 15:12

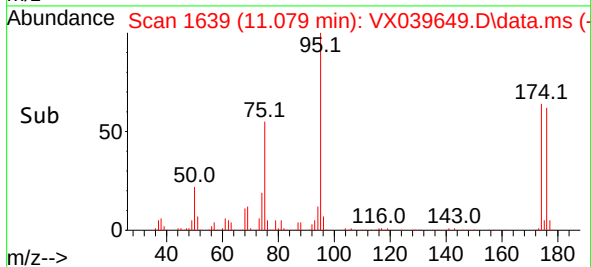
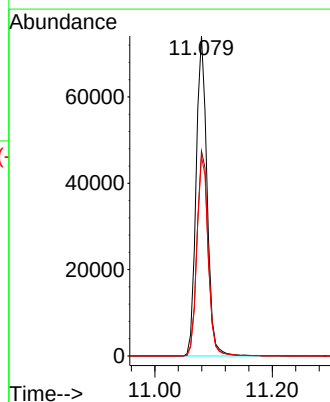
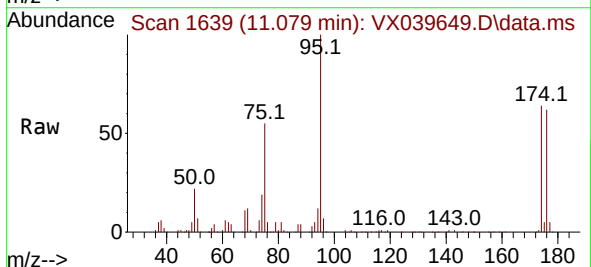
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

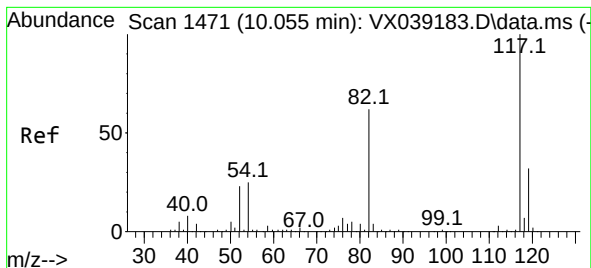
Tgt Ion: 92 Resp: 18636  
Ion Ratio Lower Upper  
92 100  
91 177.3 134.2 201.2



#62  
4-Bromofluorobenzene  
Concen: 54.966 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX039649.D  
Acq: 05 Jan 2024 15:12

Tgt Ion: 95 Resp: 95466  
Ion Ratio Lower Upper  
95 100  
174 65.7 0.0 135.6  
176 64.3 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: VX039649.D

Acq: 05 Jan 2024 15:12

Instrument :

MSVOA\_X

ClientSampleId :

MW-4

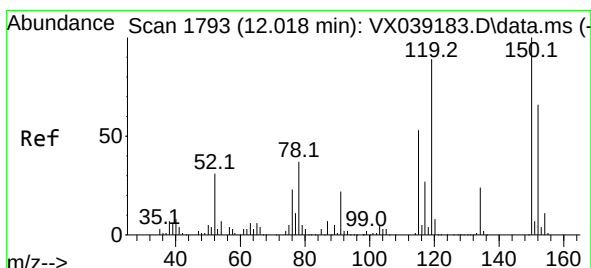
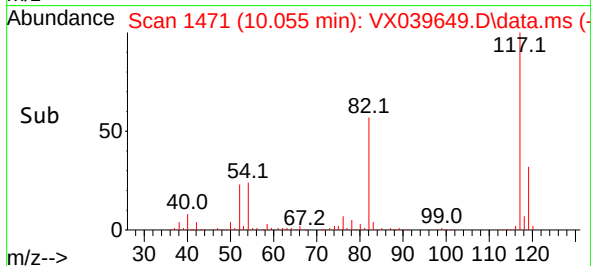
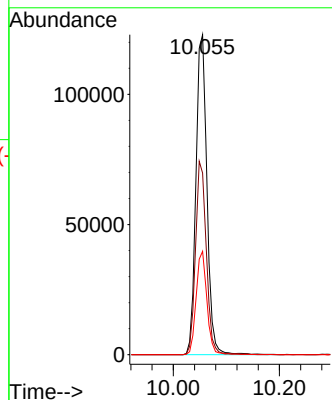
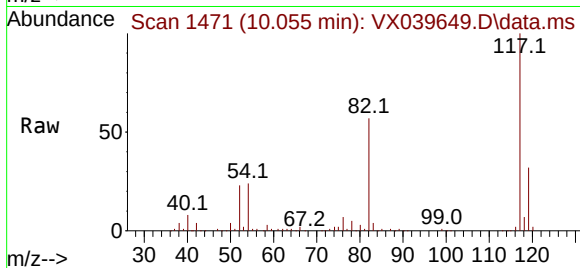
Tgt Ion:117 Resp: 176587

Ion Ratio Lower Upper

117 100

82 56.8 46.2 69.4

119 32.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX039649.D

Acq: 05 Jan 2024 15:12

Tgt Ion:152 Resp: 90690

Ion Ratio Lower Upper

152 100

115 65.4 43.3 129.9

150 156.8 0.0 345.0

