

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041223\  
 Data File : VX035029.D  
 Acq On : 11 Apr 2023 22:54  
 Operator : JC/MD  
 Sample : 02272-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-13-040623

Quant Time: Apr 12 05:57:54 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 01 01:50:18 2023  
 Response via : Initial Calibration

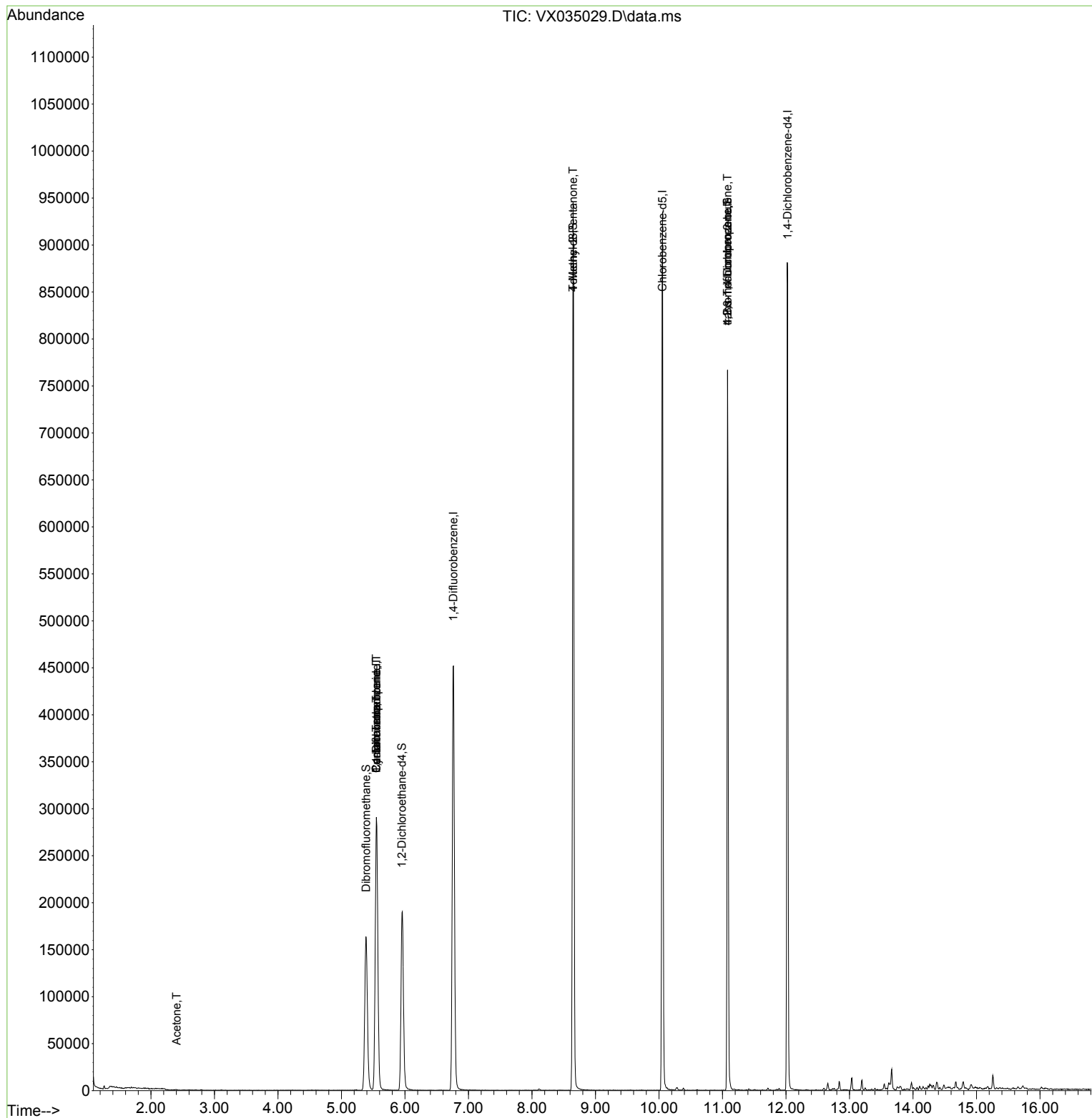
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) Pentafluorobenzene         | 5.550          | 168  | 263780     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 455886     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 414628     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 184791     | 50.000  | ug/l   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952          | 65   | 191186     | 47.392  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 94.780% |        |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 144371     | 47.879  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 95.760% |        |          |
| 50) Toluene-d8                | 8.647          | 98   | 548088     | 49.245  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 98.500% |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 204012     | 47.368  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 94.740% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        |          |
|                               |                |      |            |         | Qvalue |          |
| 16) Acetone                   | 2.404          | 43   | 885        | 0.540   | ug/l # | 74       |
| 31) Cyclohexane               | 5.550          | 56   | 6174       | 1.257   | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.550          | 75   | 22508      | 5.038   | ug/l # | 48       |
| 38) Carbon Tetrachloride      | 5.550          | 117  | 28760      | 6.828   | ug/l # | 15       |
| 51) 4-Methyl-2-Pentanone      | 8.647          | 43   | 2803       | 0.606   | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 105906     | 28.443  | ug/l # | 34       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 105906     | 85.243  | ug/l # | 8        |
| -----                         |                |      |            |         |        |          |

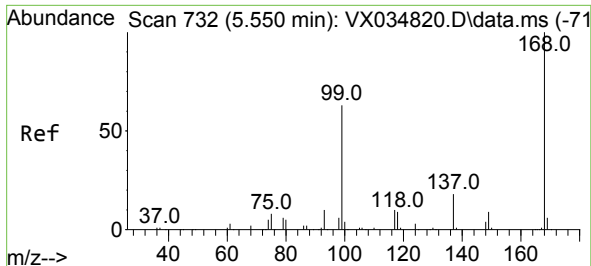
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041223\  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-13-040623

Quant Time: Apr 12 05:57:54 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
Quant Title : SW846 8260  
QLast Update : Sat Apr 01 01:50:18 2023  
Response via : Initial Calibration

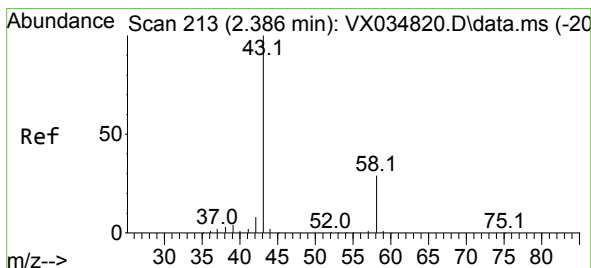
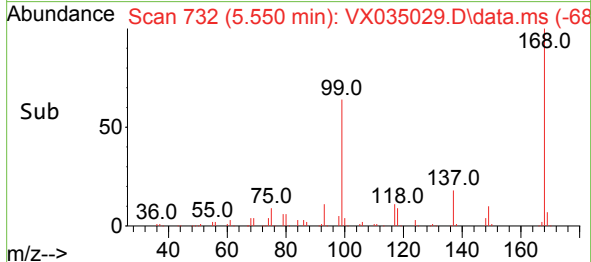
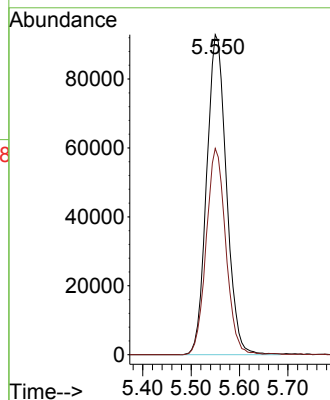
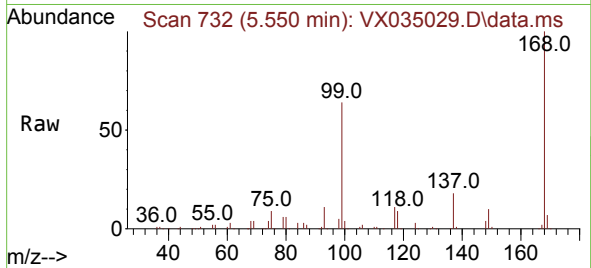




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX035029.D  
Acq: 11 Apr 2023 22:54

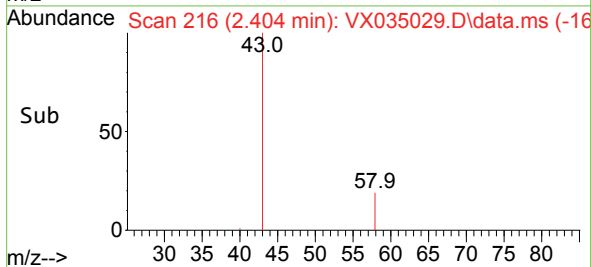
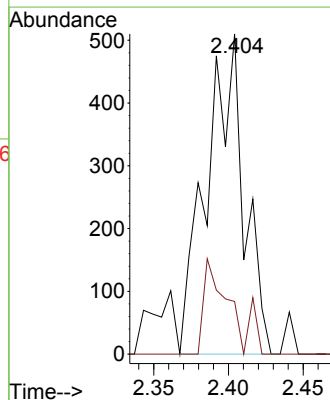
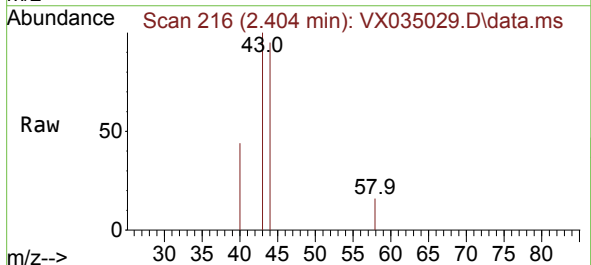
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-13-040623

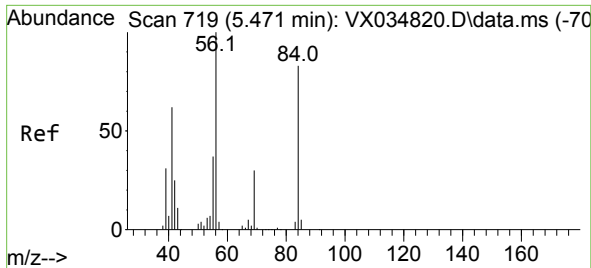
Tgt Ion:168 Resp: 263780  
Ion Ratio Lower Upper  
168 100  
99 64.4 45.7 68.5



#16  
Acetone  
Concen: 0.540 ug/l  
RT: 2.404 min Scan# 216  
Delta R.T. 0.018 min  
Lab File: VX035029.D  
Acq: 11 Apr 2023 22:54

Tgt Ion: 43 Resp: 885  
Ion Ratio Lower Upper  
43 100  
58 16.5 24.7 37.1#

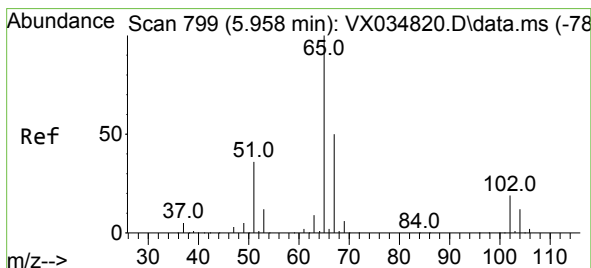
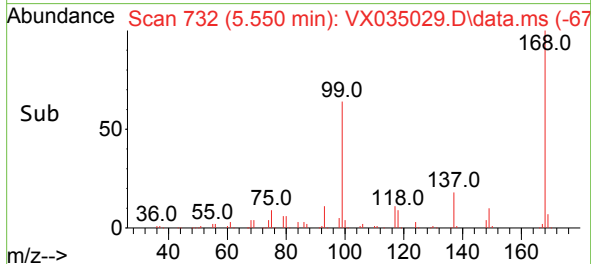
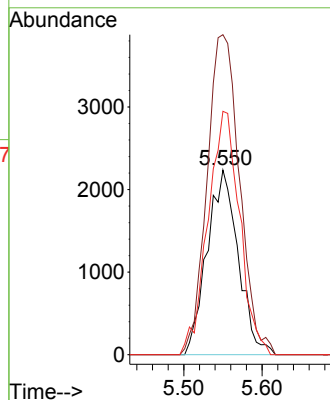
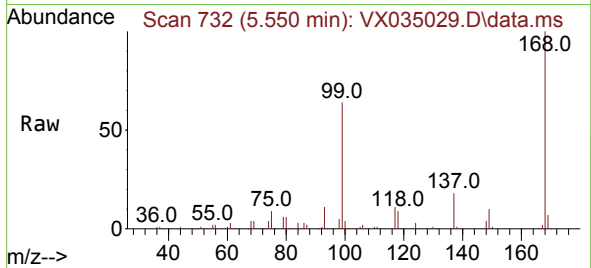




#31  
Cyclohexane  
Concen: 1.257 ug/l  
RT: 5.550 min Scan# 719  
Delta R.T. 0.079 min  
Lab File: VX035029.D  
Acq: 11 Apr 2023 22:54

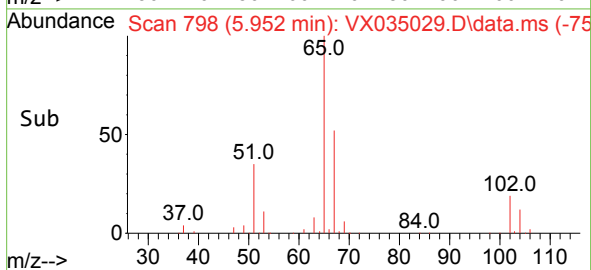
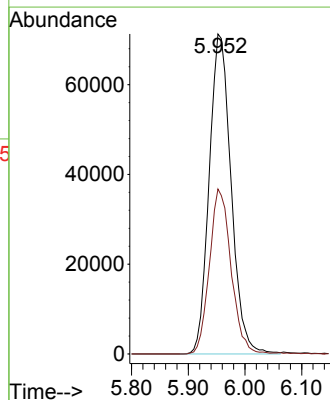
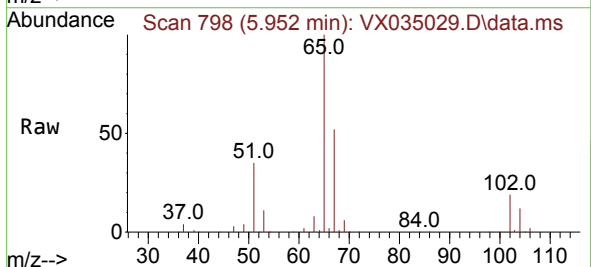
Instrument :  
MSVOA\_X  
ClientSampleId :  
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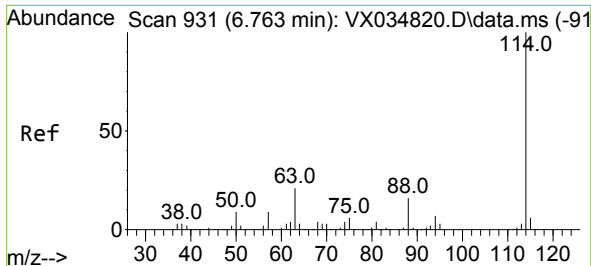
Tgt Ion: 56 Resp: 6174  
Ion Ratio Lower Upper  
56 100  
69 173.3 23.7 35.5#  
84 131.7 68.5 102.7#



#33  
1,2-Dichloroethane-d4  
Concen: 47.392 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX035029.D  
Acq: 11 Apr 2023 22:54

Tgt Ion: 65 Resp: 191186  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 104.0

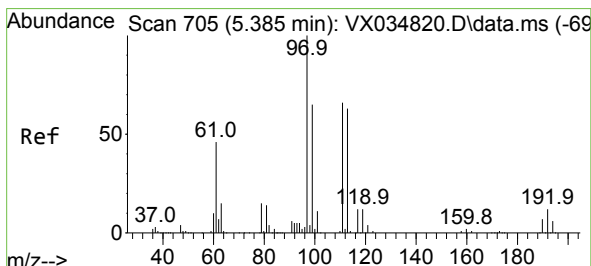
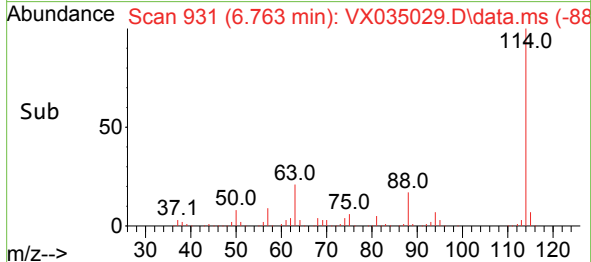
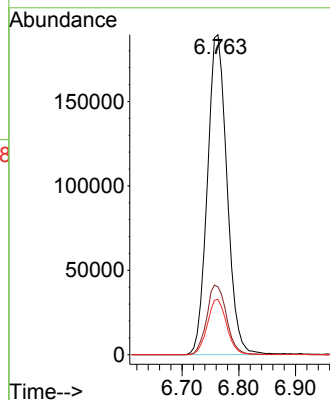
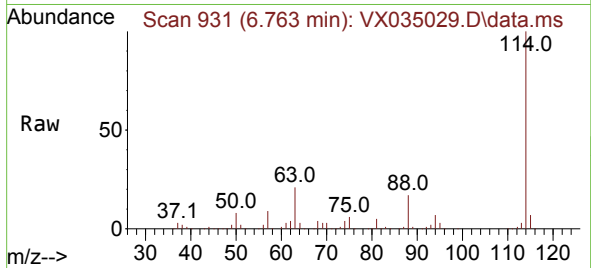




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX035029.D  
Acq: 11 Apr 2023 22:54

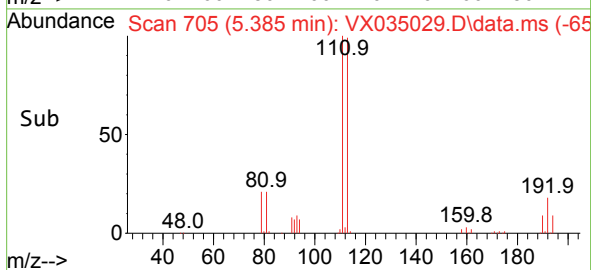
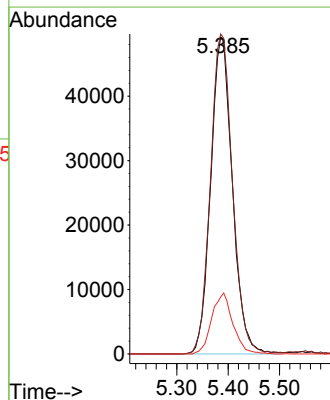
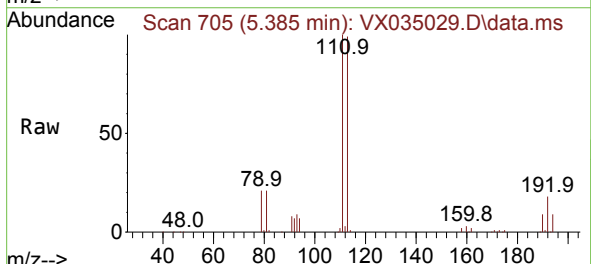
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-13-040623

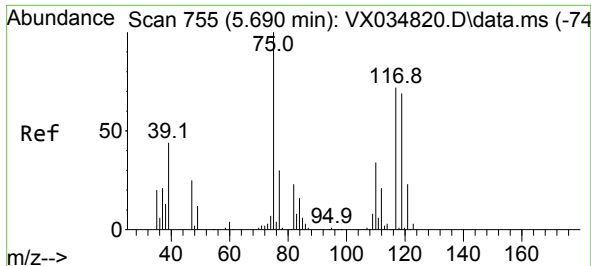
Tgt Ion:114 Resp: 455886  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 42.2  
88 17.3 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 47.879 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035029.D  
Acq: 11 Apr 2023 22:54

Tgt Ion:113 Resp: 144371  
Ion Ratio Lower Upper  
113 100  
111 102.7 83.7 125.5  
192 18.8 15.4 23.2

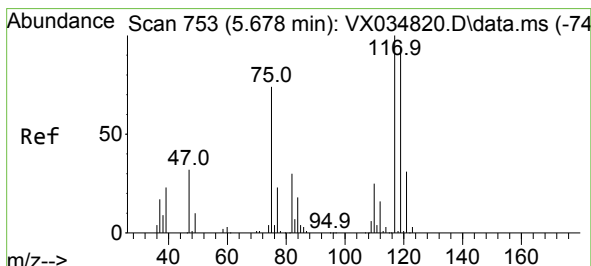
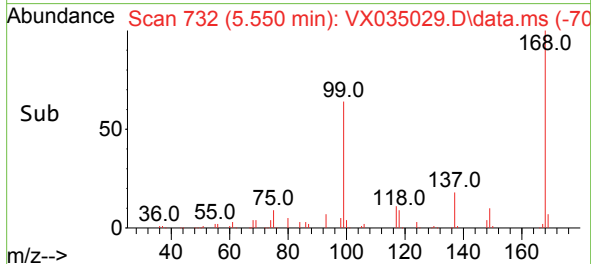
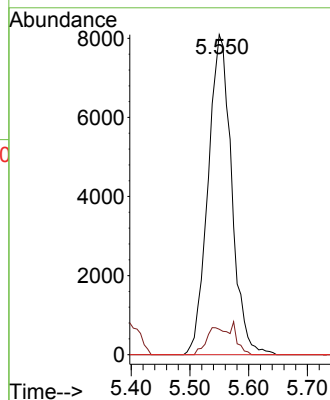
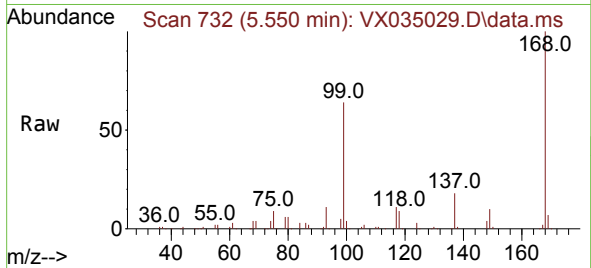




#36  
1,1-Dichloropropene  
Concen: 5.038 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.140 min  
Lab File: VX035029.D  
Acq: 11 Apr 2023 22:54

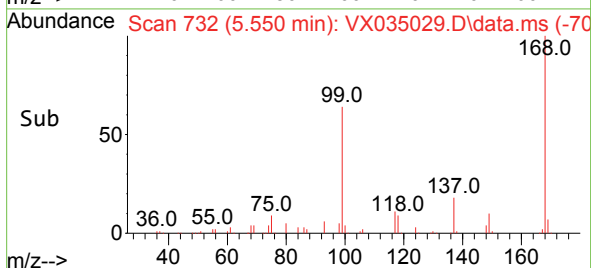
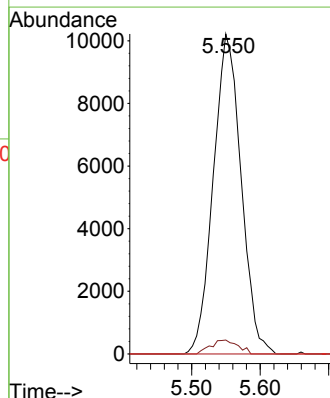
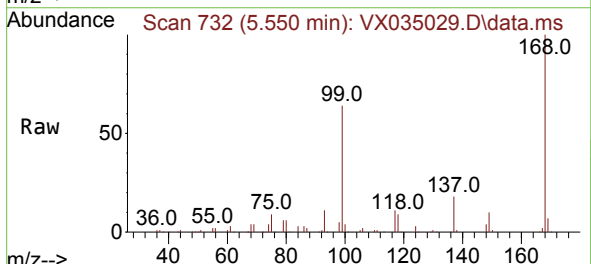
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-13-040623

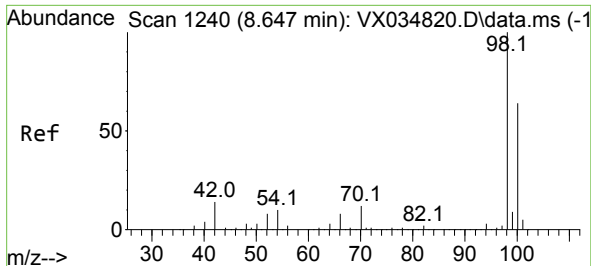
Tgt Ion: 75 Resp: 22508  
Ion Ratio Lower Upper  
75 100  
110 6.9 17.5 52.5#  
77 0.0 24.3 36.5#



#38  
Carbon Tetrachloride  
Concen: 6.828 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.128 min  
Lab File: VX035029.D  
Acq: 11 Apr 2023 22:54

Tgt Ion: 117 Resp: 28760  
Ion Ratio Lower Upper  
117 100  
119 4.3 76.6 114.8#  
121 0.0 23.8 35.6#

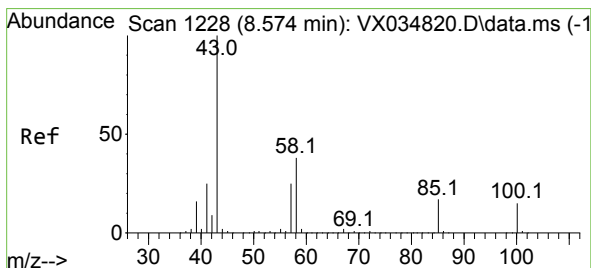
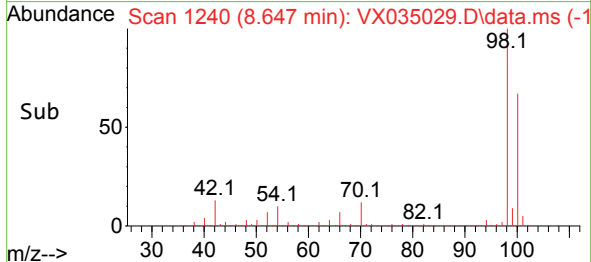
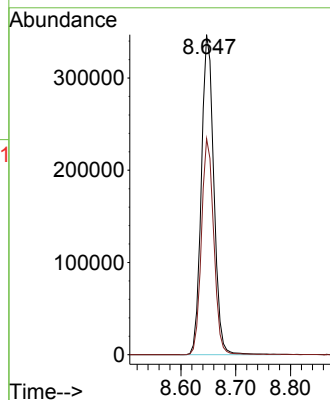
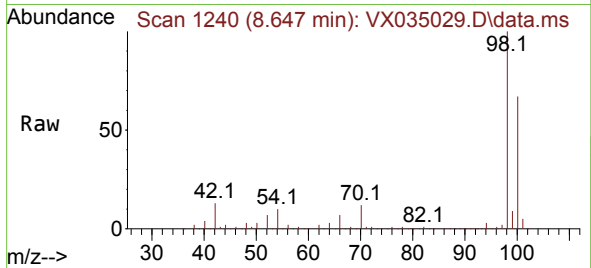




#50  
Toluene-d8  
Concen: 49.245 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX035029.D  
Acq: 11 Apr 2023 22:54

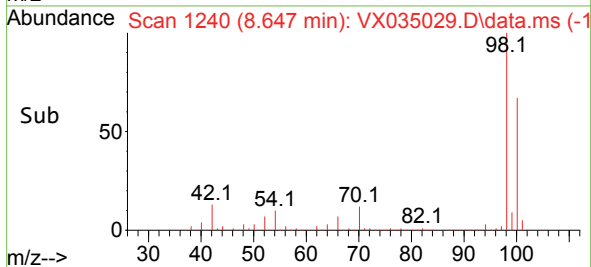
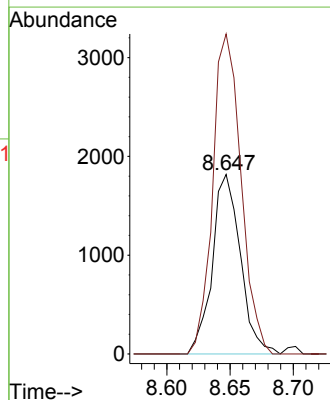
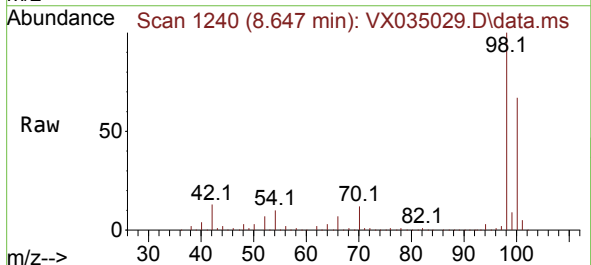
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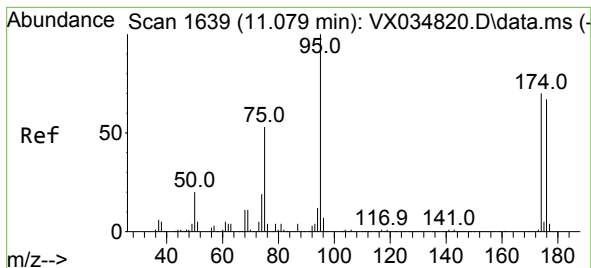
Tgt Ion: 98 Resp: 548088  
Ion Ratio Lower Upper  
98 100  
100 66.8 52.5 78.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.606 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX035029.D  
Acq: 11 Apr 2023 22:54

Tgt Ion: 43 Resp: 2803  
Ion Ratio Lower Upper  
43 100  
58 179.8 30.6 46.0#

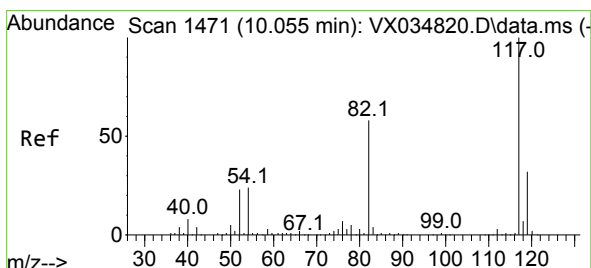
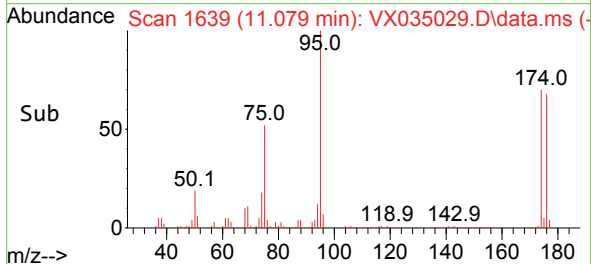
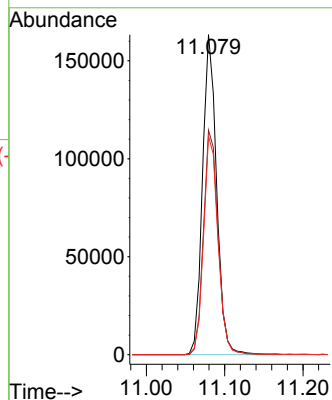
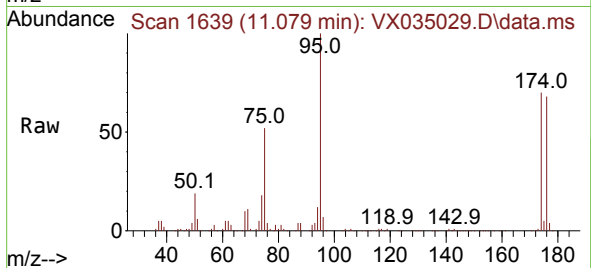




#62  
4-Bromofluorobenzene  
Concen: 47.368 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035029.D  
Acq: 11 Apr 2023 22:54

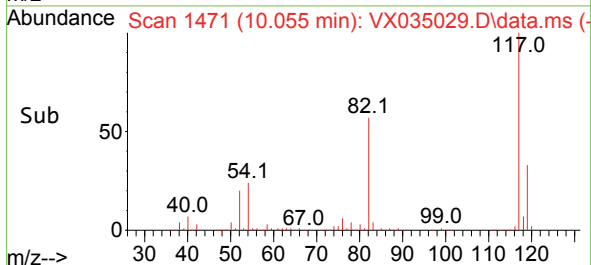
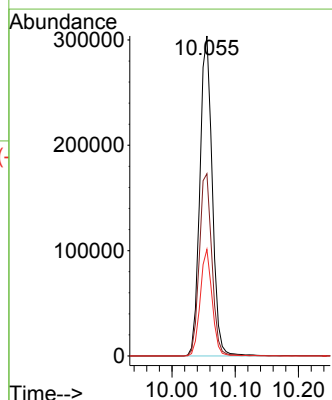
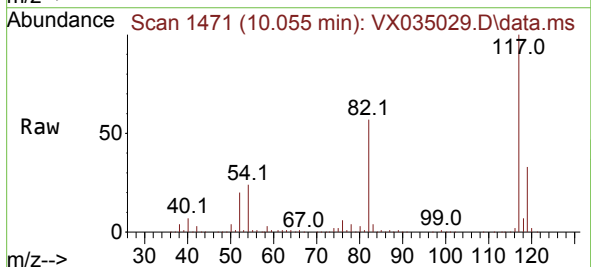
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MSVOA\_X  
ClientSampleId :  
MW-13-040623

Tgt Ion: 95 Resp: 204012  
Ion Ratio Lower Upper  
95 100  
174 72.8 0.0 147.4  
176 70.1 0.0 140.6

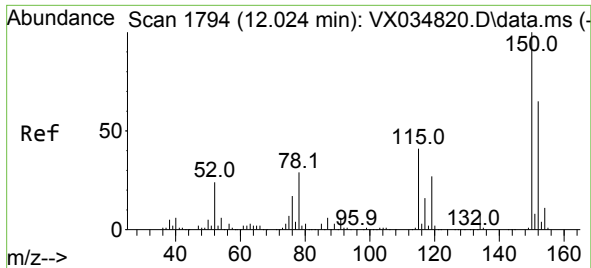


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX035029.D  
Acq: 11 Apr 2023 22:54

Tgt Ion: 117 Resp: 414628  
Ion Ratio Lower Upper  
117 100  
82 56.9 45.0 67.4  
119 33.3 26.0 39.0



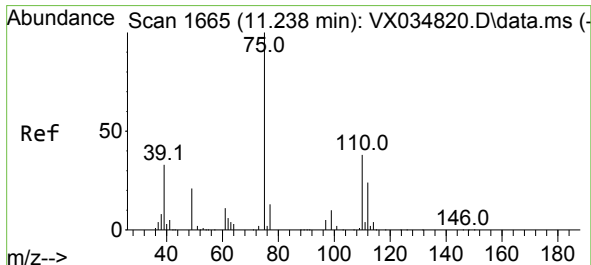
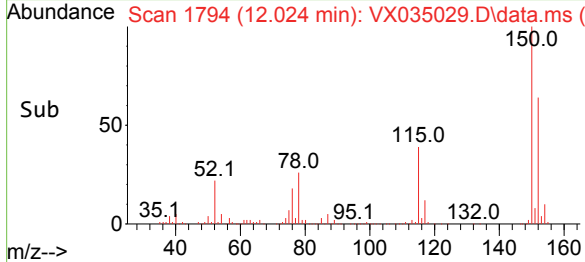
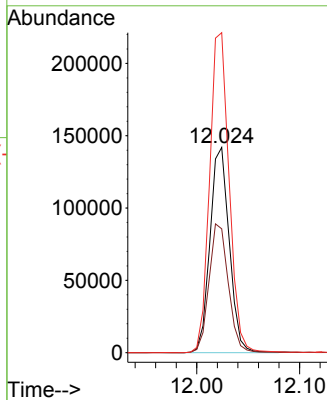
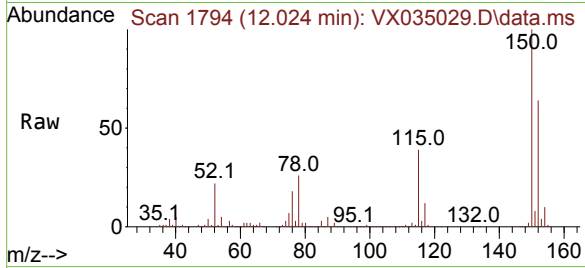




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX035029.D  
 Acq: 11 Apr 2023 22:54

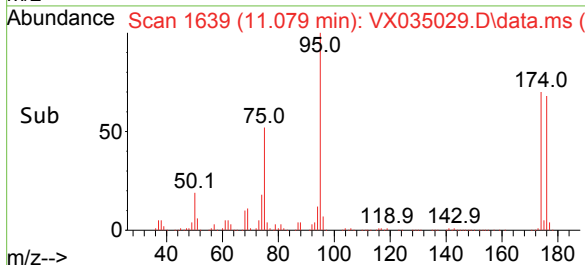
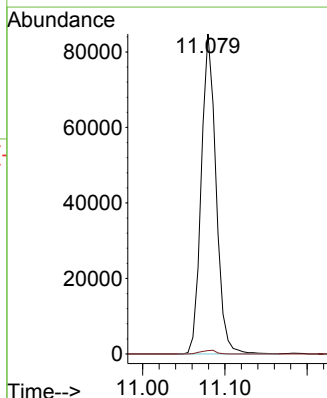
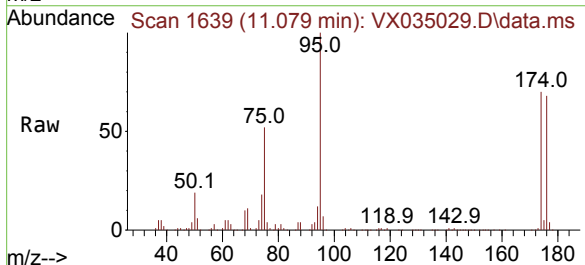
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-13-040623

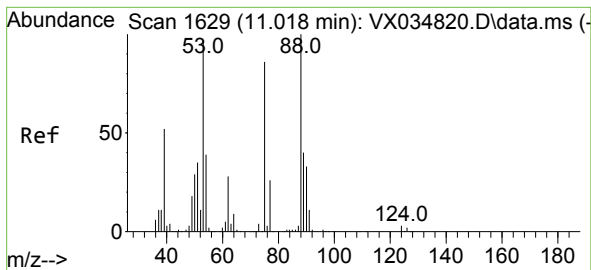
Tgt Ion:152 Resp: 184791  
 Ion Ratio Lower Upper  
 152 100  
 115 63.1 45.0 135.0  
 150 157.9 0.0 352.4



#76  
 1,2,3-Trichloropropane  
 Concen: 28.443 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.159 min  
 Lab File: VX035029.D  
 Acq: 11 Apr 2023 22:54

Tgt Ion: 75 Resp: 105906  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 21.6 64.8#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 85.243 ug/l  
 RT: 11.079 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX035029.D  
 Acq: 11 Apr 2023 22:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-13-040623

Tgt Ion: 75 Resp: 105906  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 82.6 124.0#  
 89 0.0 36.9 55.3#

