

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041223\  
 Data File : VX035028.D  
 Acq On : 11 Apr 2023 22:31  
 Operator : JC/MD  
 Sample : 02272-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-12-040623

Quant Time: Apr 12 05:57:34 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

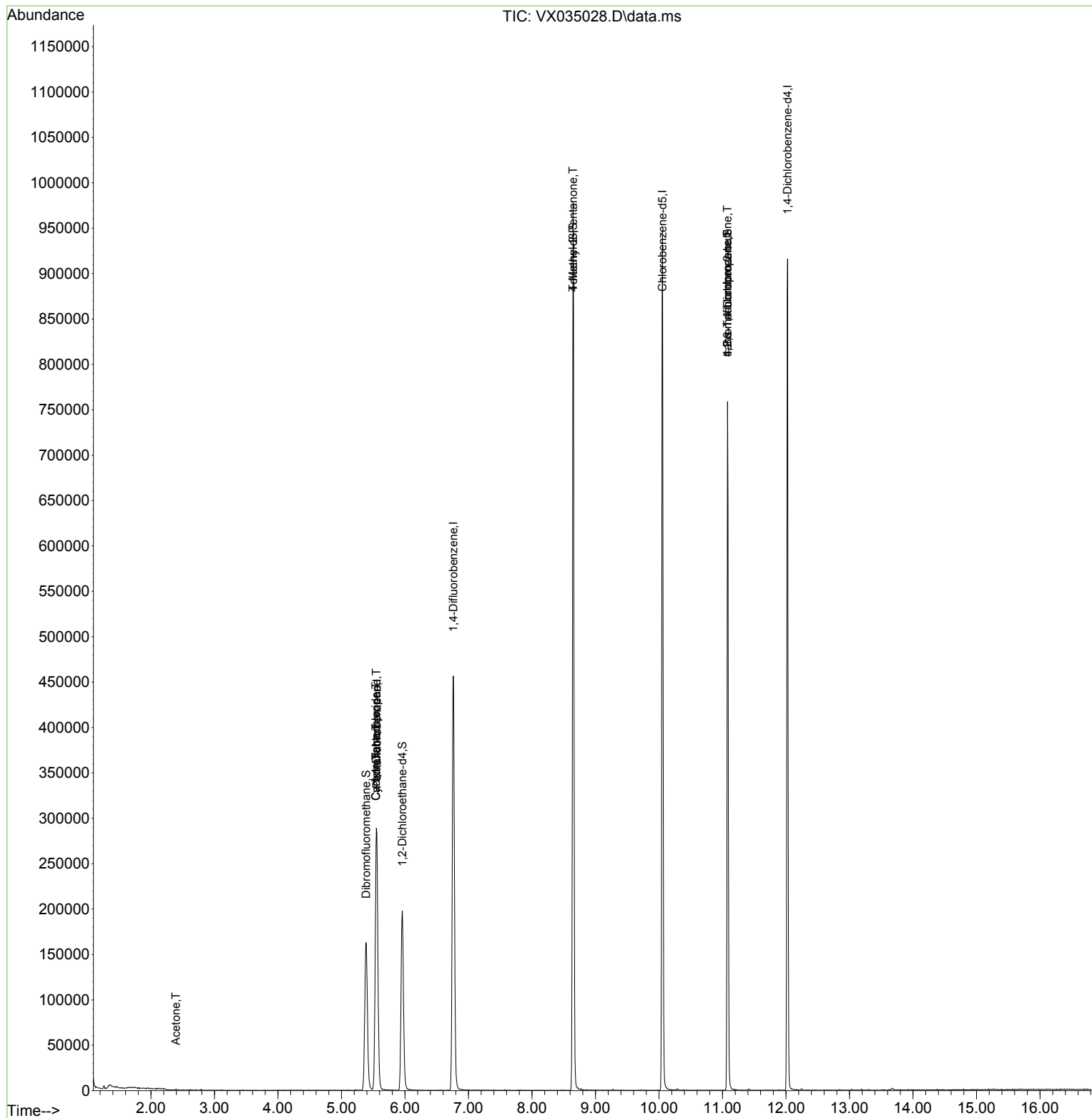
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 267704   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 463664   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 419730   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 187772   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 193565   | 47.279   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 94.560%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 144308   | 47.055   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 94.120%  |
| 50) Toluene-d8                | 8.647  | 98    | 553114   | 48.863   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 97.720%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 207433   | 47.355   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 94.700%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Acetone                   | 2.392  | 43    | 1095     | 0.658    | ug/l # | 77       |
| 31) Cyclohexane               | 5.544  | 56    | 6007     | 1.205    | ug/l # | 19       |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 22485    | 4.949    | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.544  | 117   | 28414    | 6.633    | ug/l # | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 2544     | 0.541    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 106946   | 28.267   | ug/l # | 35       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 106946   | 84.713   | ug/l # | 8        |
| -----                         |        |       |          |          |        |          |

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

```
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Operator  : JC/MD  
Sample    : 02272-09  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 25   Sample Multiplier: 1
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**Instrument :**  
MSVOA\_X  
**ClientSampleId :**  
MW-12-040623

Quant Time: Apr 12 05:57:34 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
Quant Title : SW846 8260  
Qlast Update : Sat Apr 01 01:50:18 2023  
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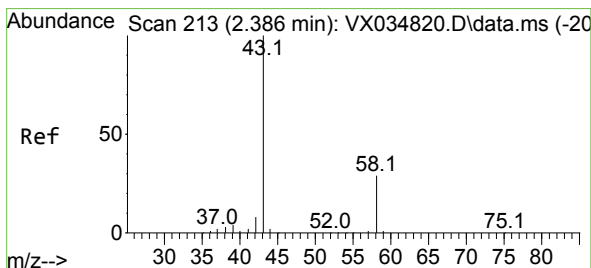
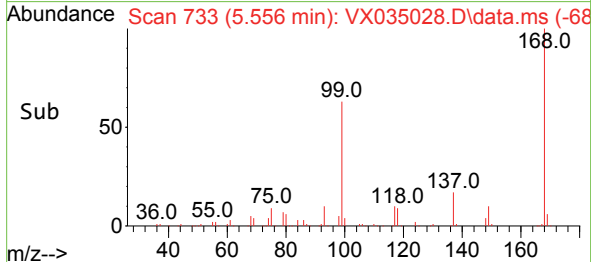
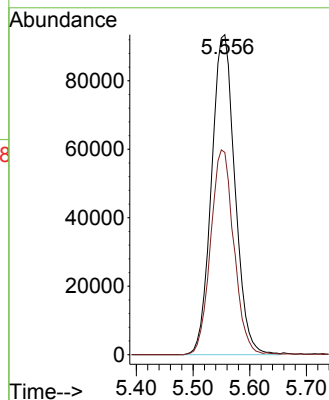
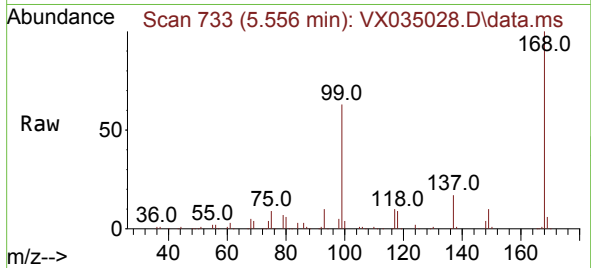




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX035028.D  
Acq: 11 Apr 2023 22:31

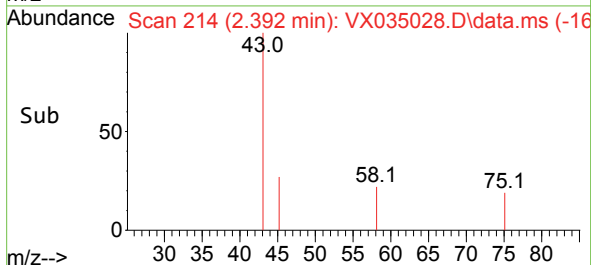
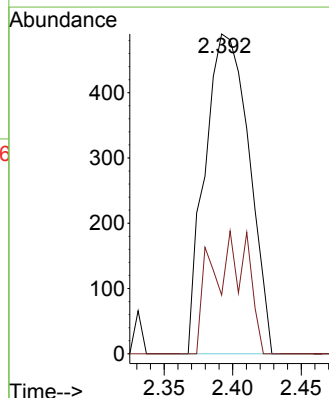
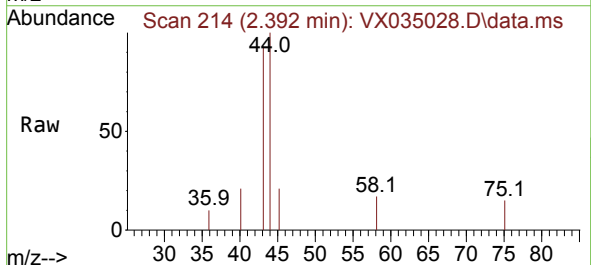
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-12-040623

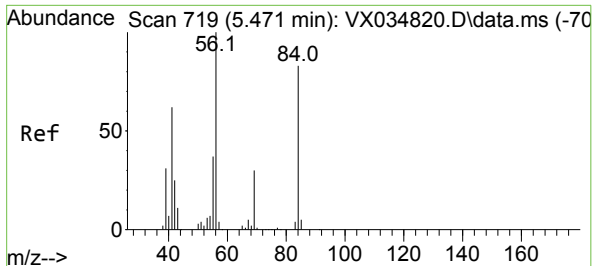
Tgt Ion:168 Resp: 267704  
Ion Ratio Lower Upper  
168 100  
99 63.2 45.7 68.5



#16  
Acetone  
Concen: 0.658 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX035028.D  
Acq: 11 Apr 2023 22:31

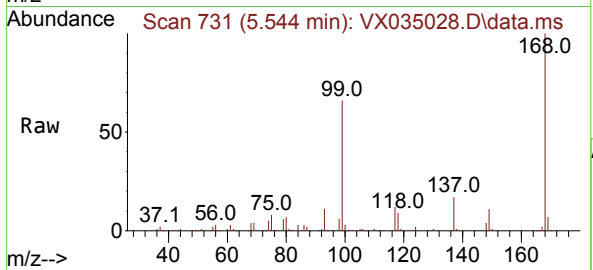
Tgt Ion: 43 Resp: 1095  
Ion Ratio Lower Upper  
43 100  
58 18.4 24.7 37.1#



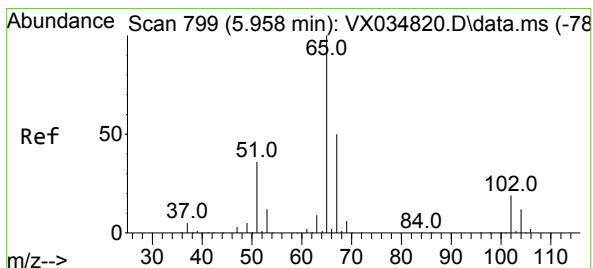
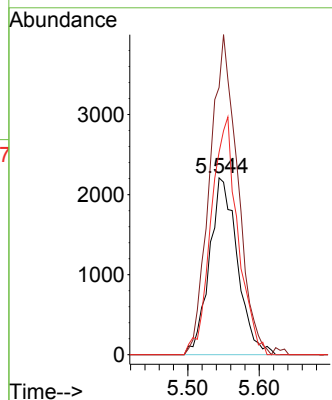
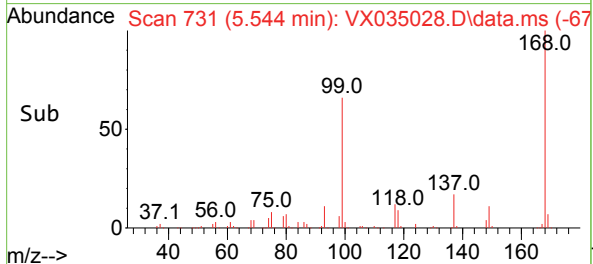


#31  
Cyclohexane  
Concen: 1.205 ug/l  
RT: 5.544 min Scan# 719  
Delta R.T. 0.073 min  
Lab File: VX035028.D  
Acq: 11 Apr 2023 22:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-12-040623

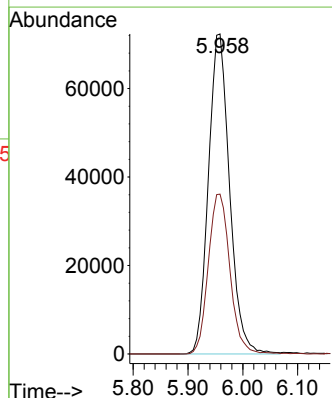
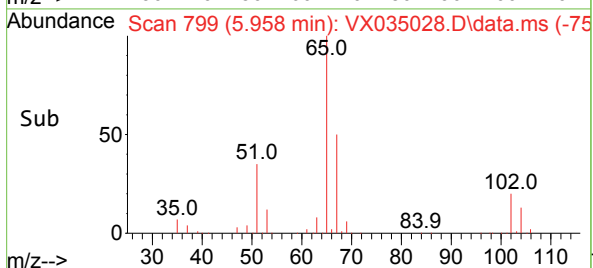
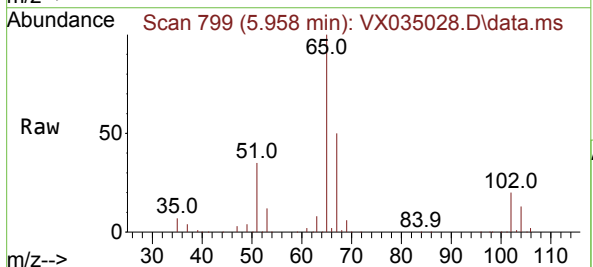


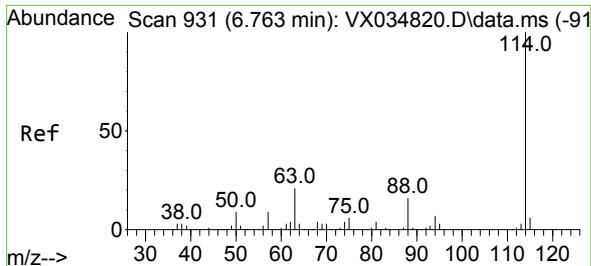
Tgt Ion: 56 Resp: 6007  
Ion Ratio Lower Upper  
56 100  
69 151.2 23.7 35.5#  
84 114.5 68.5 102.7#



#33  
1,2-Dichloroethane-d4  
Concen: 47.279 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX035028.D  
Acq: 11 Apr 2023 22:31

Tgt Ion: 65 Resp: 193565  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 104.0

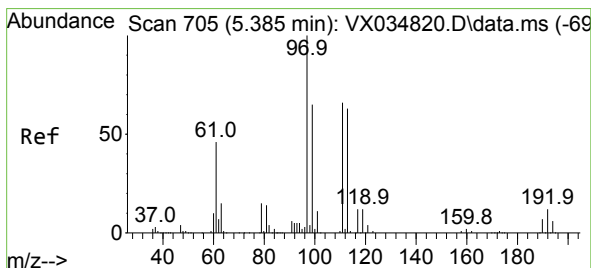
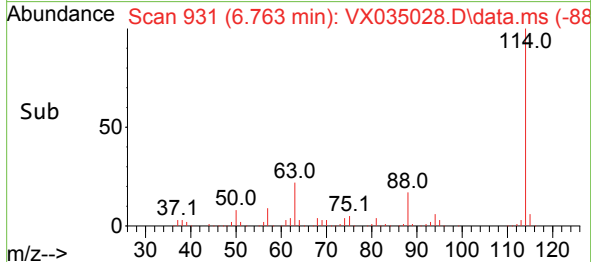
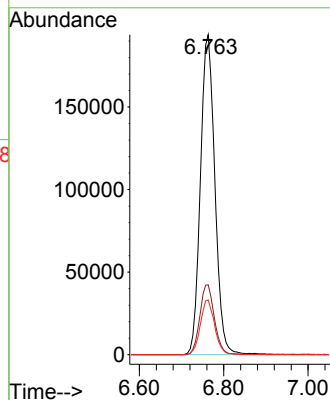
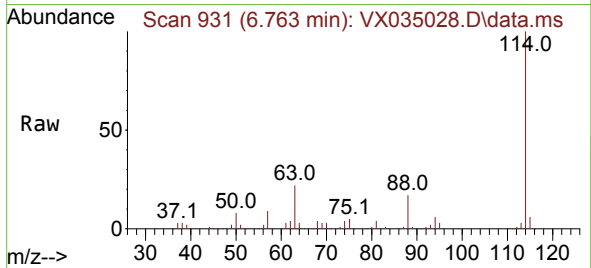




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX035028.D  
Acq: 11 Apr 2023 22:31

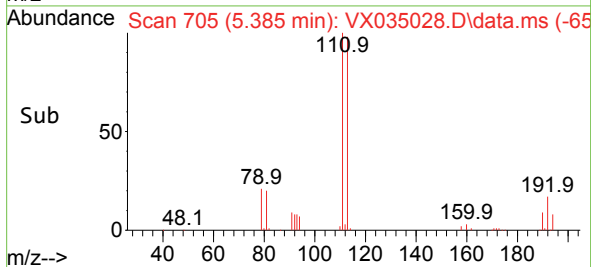
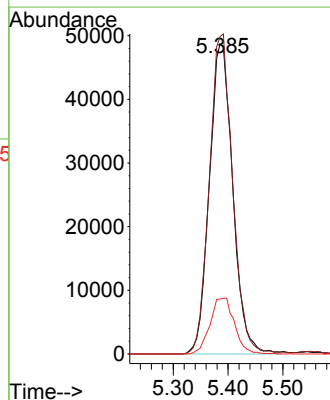
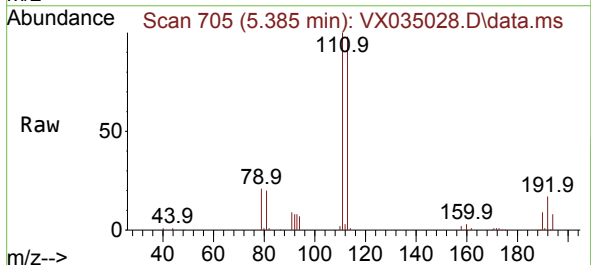
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-12-040623

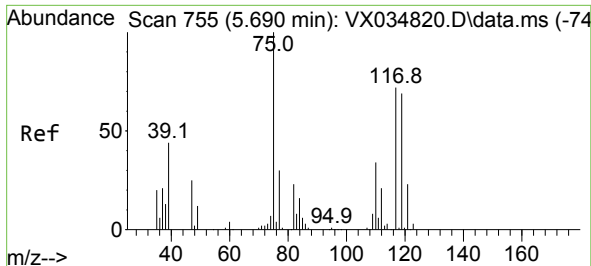
Tgt Ion:114 Resp: 463664  
Ion Ratio Lower Upper  
114 100  
63 21.8 0.0 42.2  
88 17.1 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 47.055 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035028.D  
Acq: 11 Apr 2023 22:31

Tgt Ion:113 Resp: 144308  
Ion Ratio Lower Upper  
113 100  
111 102.3 83.7 125.5  
192 18.8 15.4 23.2

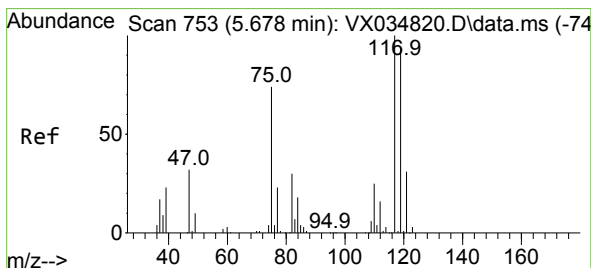
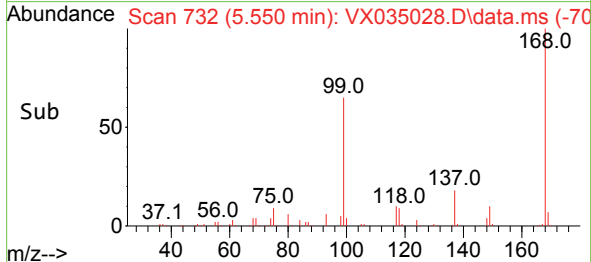
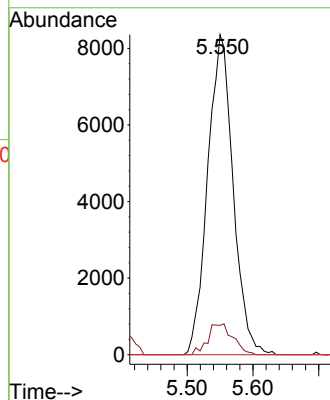
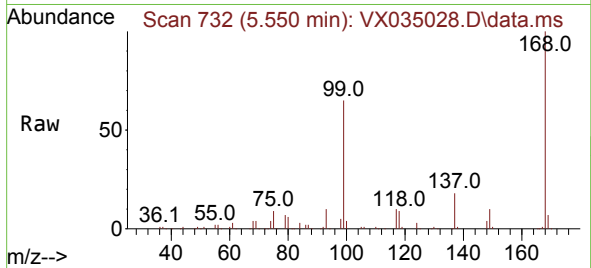




#36  
1,1-Dichloropropene  
Concen: 4.949 ug/l  
RT: 5.550 min Scan# 711  
Delta R.T. -0.140 min  
Lab File: VX035028.D  
Acq: 11 Apr 2023 22:31

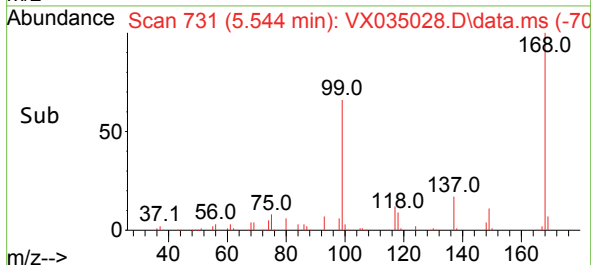
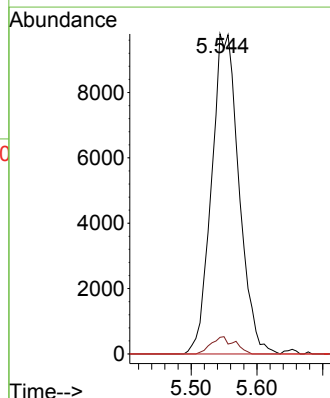
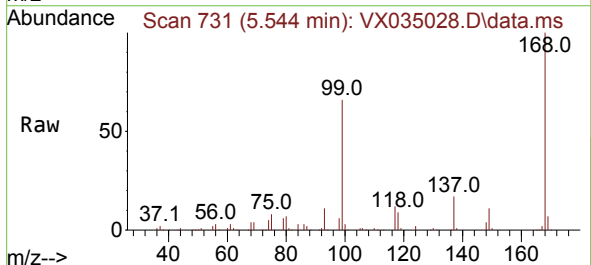
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-12-040623

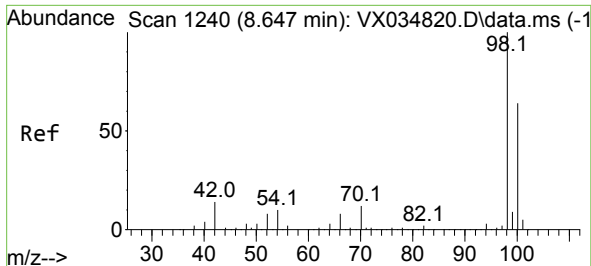
Tgt Ion: 75 Resp: 22485  
Ion Ratio Lower Upper  
75 100  
110 9.5 17.5 52.5#  
77 0.0 24.3 36.5#



#38  
Carbon Tetrachloride  
Concen: 6.633 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.134 min  
Lab File: VX035028.D  
Acq: 11 Apr 2023 22:31

Tgt Ion: 117 Resp: 28414  
Ion Ratio Lower Upper  
117 100  
119 5.2 76.6 114.8#  
121 0.0 23.8 35.6#

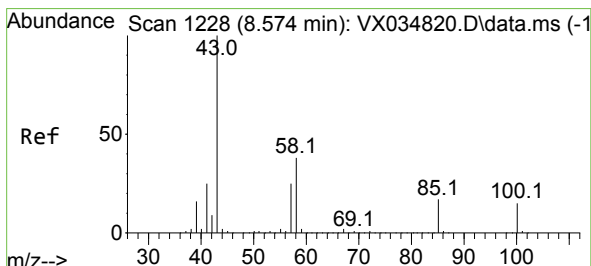
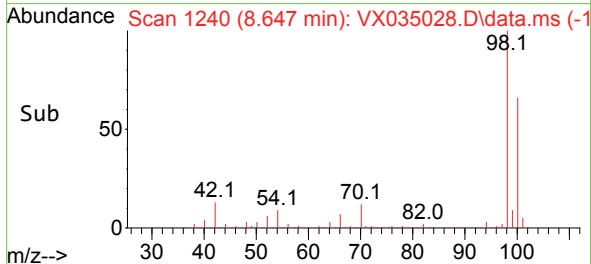
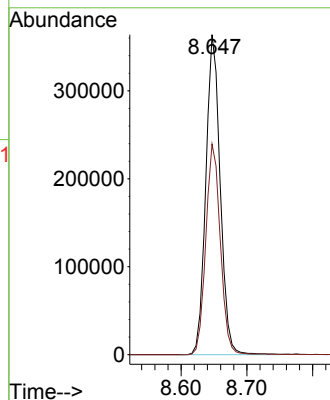
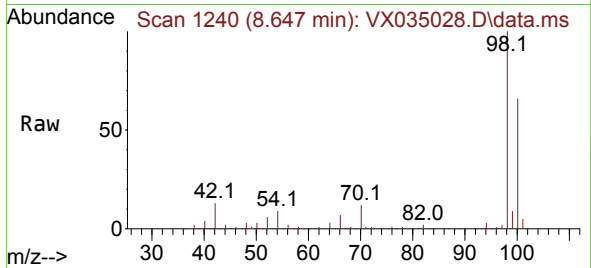




#50  
Toluene-d8  
Concen: 48.863 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX035028.D  
Acq: 11 Apr 2023 22:31

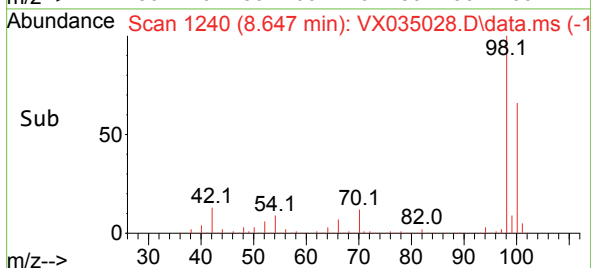
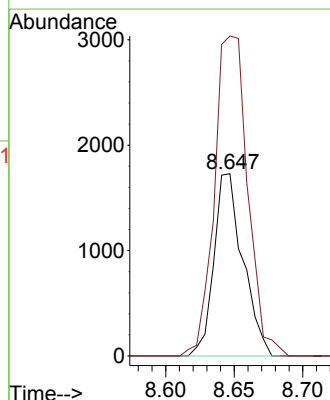
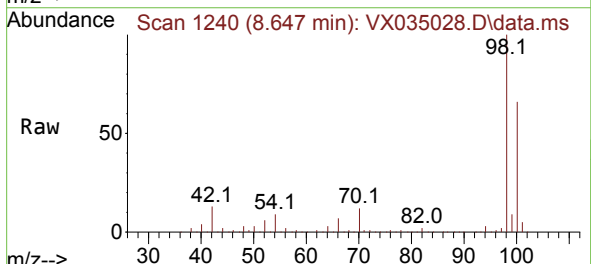
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-12-040623

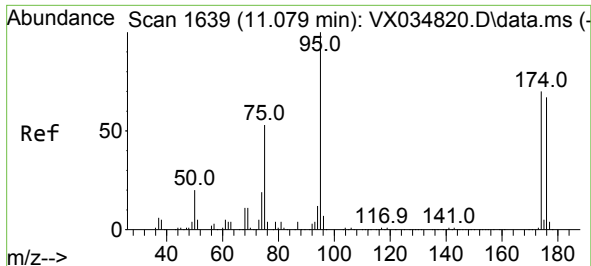
Tgt Ion: 98 Resp: 553114  
Ion Ratio Lower Upper  
98 100  
100 66.7 52.5 78.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.541 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX035028.D  
Acq: 11 Apr 2023 22:31

Tgt Ion: 43 Resp: 2544  
Ion Ratio Lower Upper  
43 100  
58 201.7 30.6 46.0#

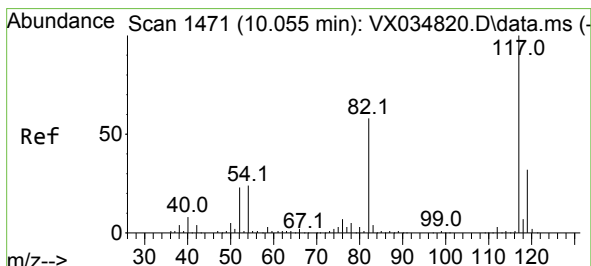
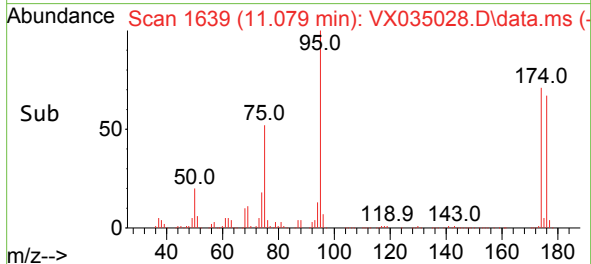
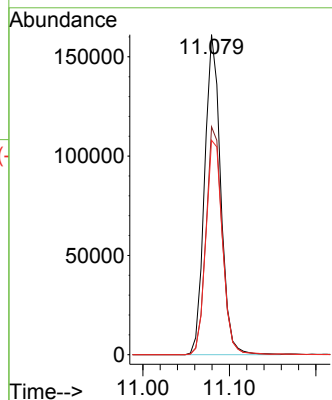
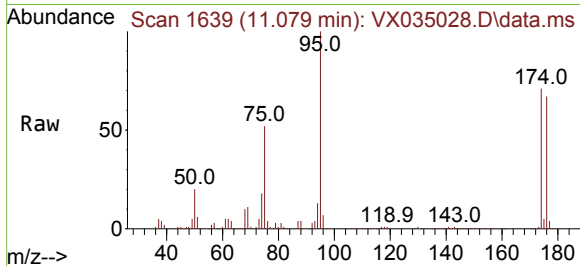




#62  
4-Bromofluorobenzene  
Concen: 47.355 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX035028.D  
Acq: 11 Apr 2023 22:31

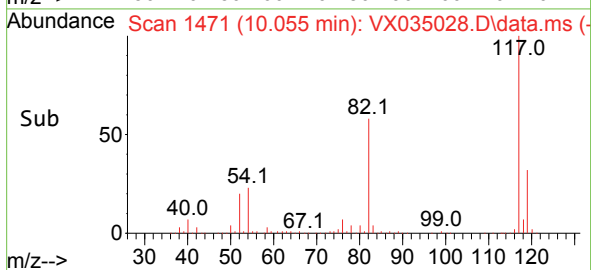
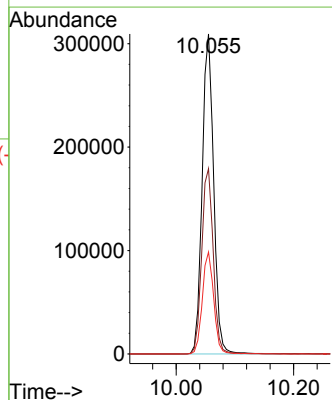
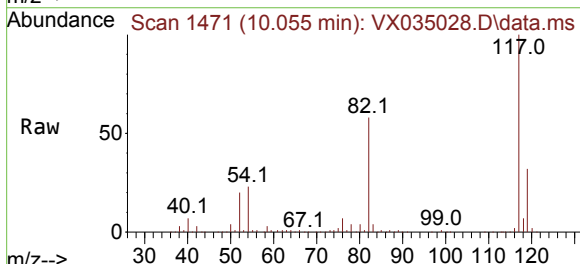
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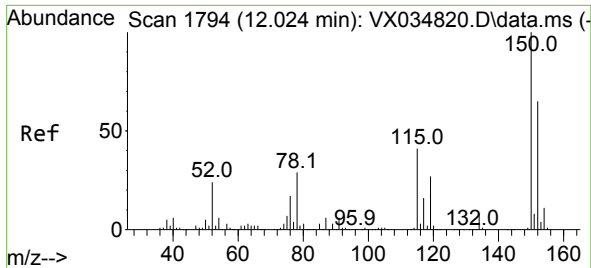
Tgt Ion: 95 Resp: 207433  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 147.4  
176 69.6 0.0 140.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX035028.D  
Acq: 11 Apr 2023 22:31

Tgt Ion: 117 Resp: 419730  
Ion Ratio Lower Upper  
117 100  
82 57.9 45.0 67.4  
119 31.9 26.0 39.0

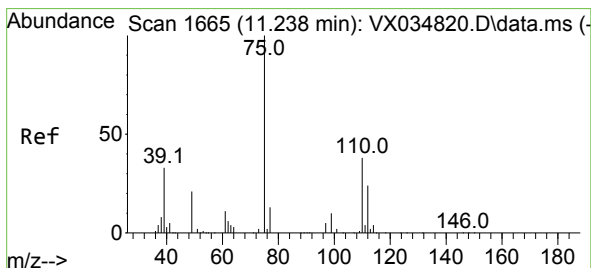
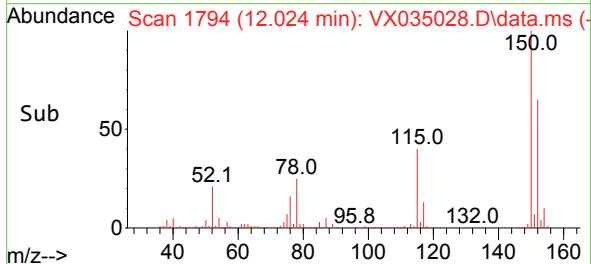
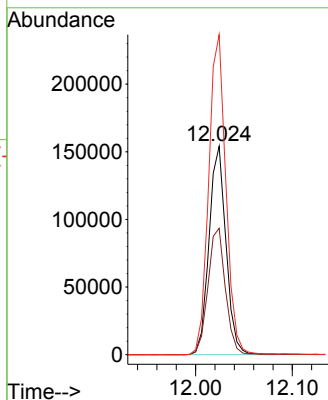
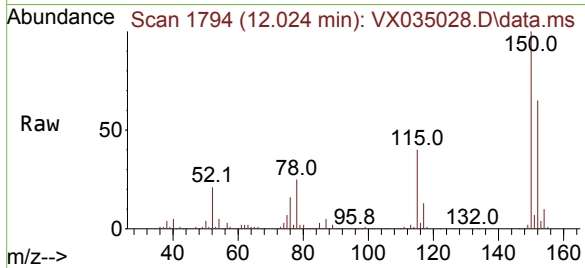




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX035028.D  
 Acq: 11 Apr 2023 22:31

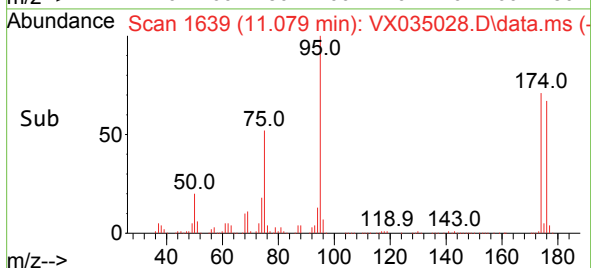
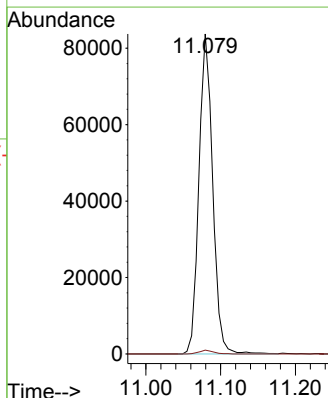
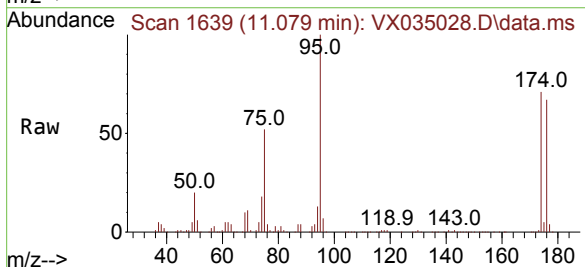
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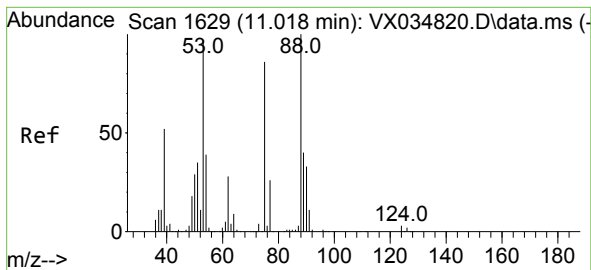
Tgt Ion:152 Resp: 187772  
 Ion Ratio Lower Upper  
 152 100  
 115 62.7 45.0 135.0  
 150 156.0 0.0 352.4



#76  
 1,2,3-Trichloropropane  
 Concen: 28.267 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.159 min  
 Lab File: VX035028.D  
 Acq: 11 Apr 2023 22:31

Tgt Ion: 75 Resp: 106946  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 21.6 64.8#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 84.713 ug/l  
 RT: 11.079 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX035028.D  
 Acq: 11 Apr 2023 22:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-12-040623

Tgt Ion: 75 Resp: 106946  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 82.6 124.0#  
 89 0.0 36.9 55.3#

