

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031523\  
 Data File : VX034512.D  
 Acq On : 15 Mar 2023 16:45  
 Operator : JC/MD  
 Sample : 01922-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GWOW-05B-69-74-031423

Quant Time: Mar 16 05:21:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 13 10:29:32 2023  
 Response via : Initial Calibration

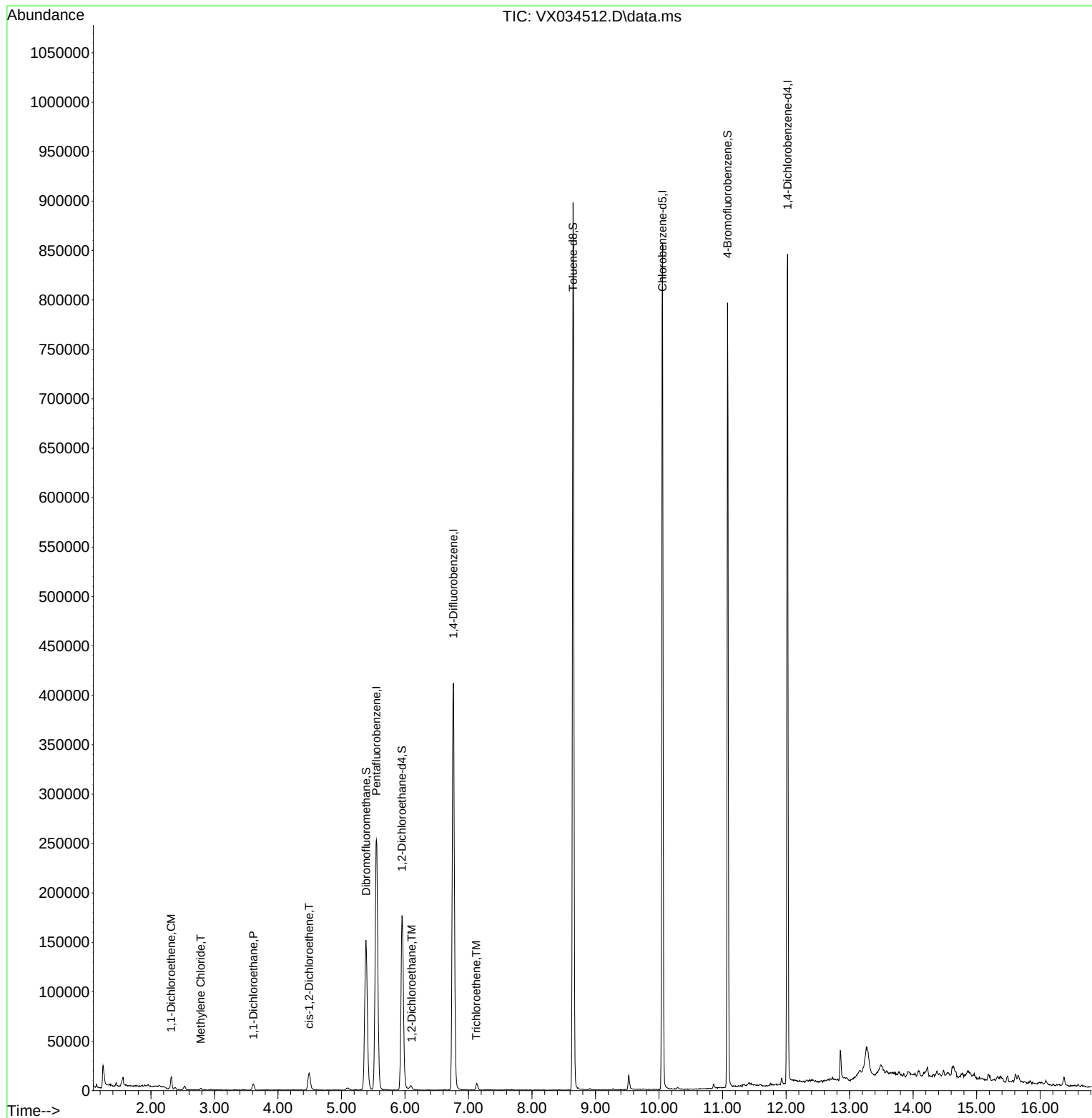
| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 5.550          | 168  | 242969     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 422685     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 377745     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 171082     | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 167396     | 47.358  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 94.720% |        |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 131672     | 47.181  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 94.360% |        |          |
| 50) Toluene-d8              | 8.647          | 98   | 508561     | 48.815  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 97.640% |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 199776     | 47.474  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 94.940% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         |        | Qvalue   |
| 12) 1,1-Dichloroethene      | 2.318          | 96   | 4181       | 1.572   | ug/l   | 99       |
| 20) Methylene Chloride      | 2.782          | 84   | 687        | 0.213   | ug/l # | 76       |
| 24) 1,1-Dichloroethane      | 3.611          | 63   | 7052       | 1.276   | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene  | 4.489          | 96   | 10687      | 3.143   | ug/l   | 92       |
| 42) 1,2-Dichloroethane      | 6.104          | 62   | 4955       | 1.075   | ug/l # | 75       |
| 44) Trichloroethene         | 7.123          | 130  | 2548       | 0.782   | ug/l   | 70       |
| -----                       |                |      |            |         |        |          |

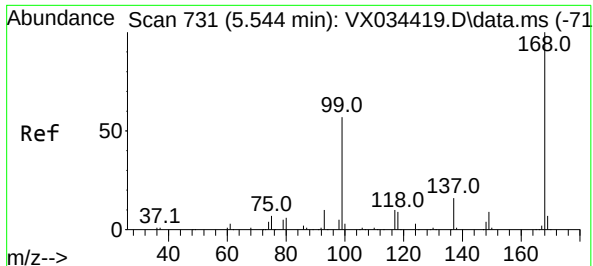
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031523\  
Data File : VX034512.D  
Acq On : 15 Mar 2023 16:45  
Operator : JC/MD  
Sample : 01922-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GWOW-05B-69-74-031423

Quant Time: Mar 16 05:21:22 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 13 10:29:32 2023  
Response via : Initial Calibration

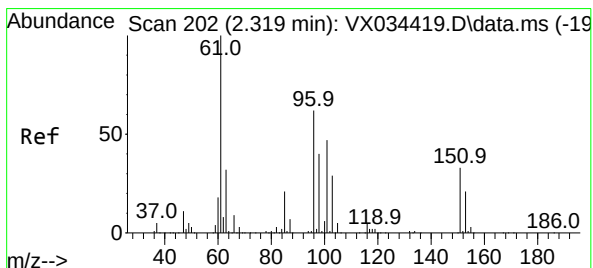
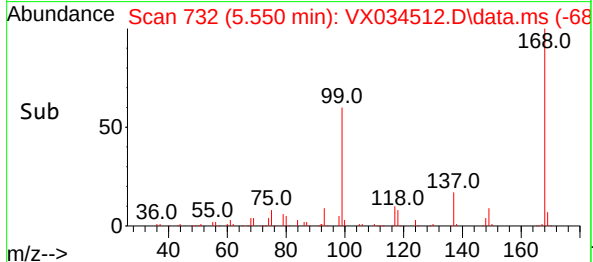
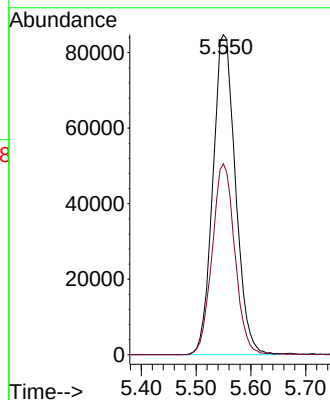
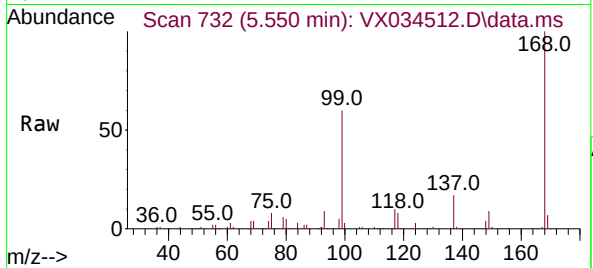




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 731  
Delta R.T. 0.006 min  
Lab File: VX034512.D  
Acq: 15 Mar 2023 16:45

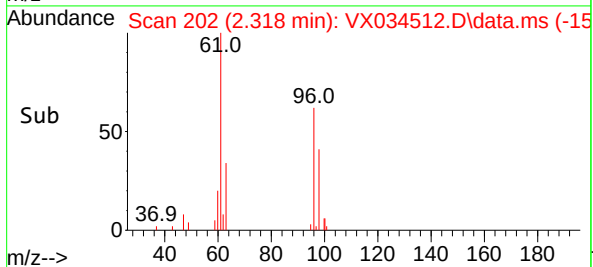
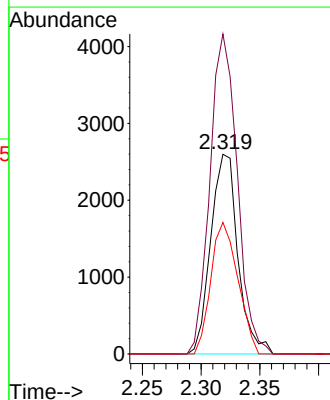
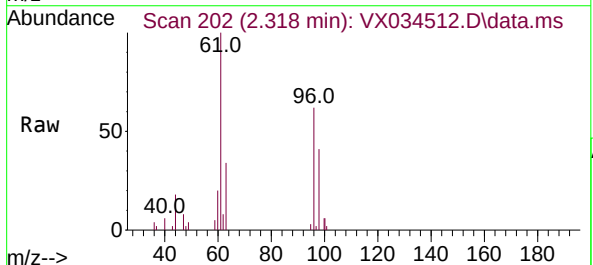
Instrument :  
MSVOA\_X  
ClientSampleId :  
GWOW-05B-69-74-031423

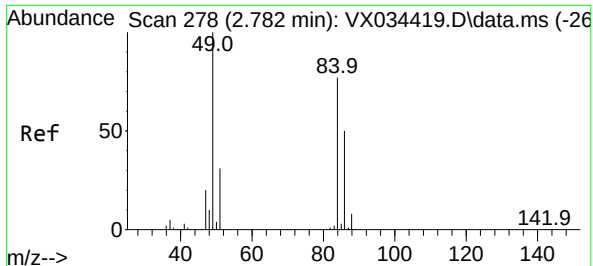
Tgt Ion:168 Resp: 242969  
Ion Ratio Lower Upper  
168 100  
99 59.7 45.7 68.5



#12  
1,1-Dichloroethene  
Concen: 1.572 ug/l  
RT: 2.318 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX034512.D  
Acq: 15 Mar 2023 16:45

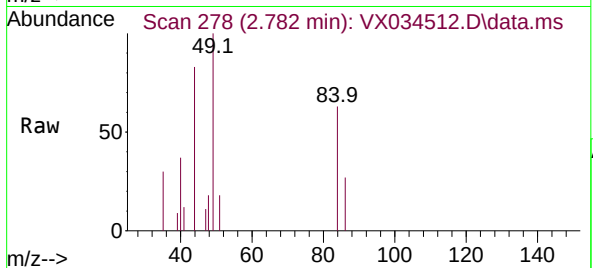
Tgt Ion: 96 Resp: 4181  
Ion Ratio Lower Upper  
96 100  
61 160.3 128.8 193.2  
98 65.9 51.4 77.0



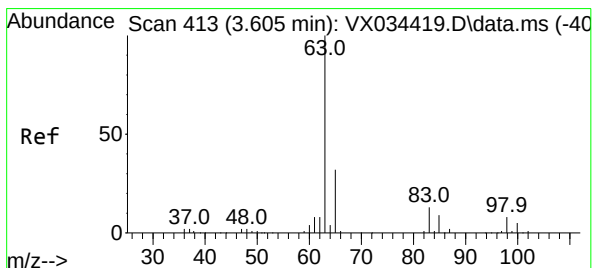
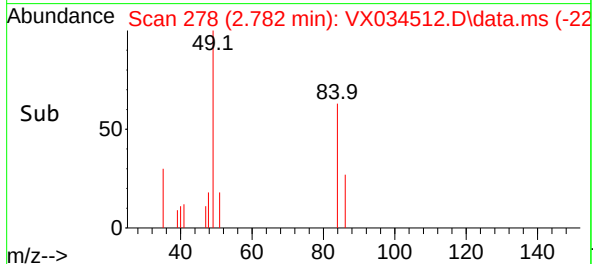
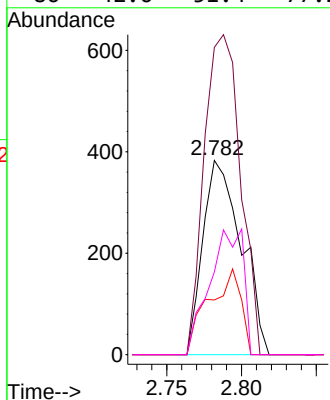


#20  
Methylene Chloride  
Concen: 0.213 ug/l  
RT: 2.782 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX034512.D  
Acq: 15 Mar 2023 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
GWOW-05B-69-74-031423

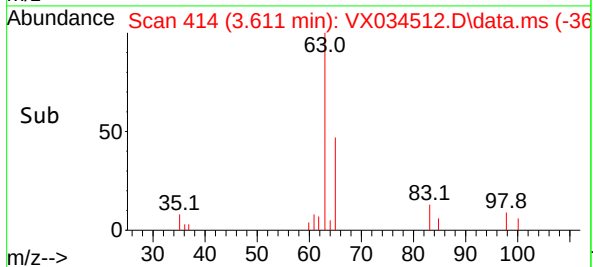
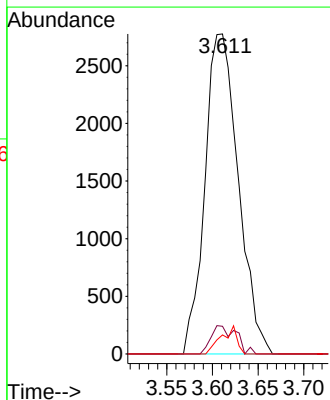
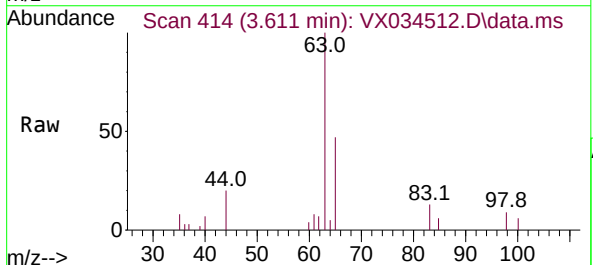


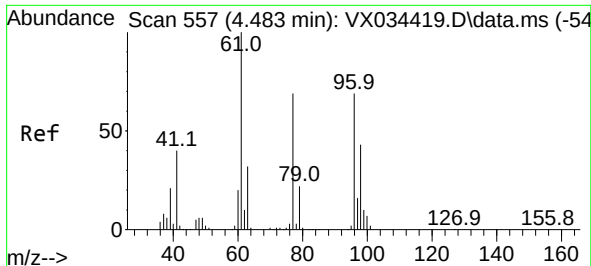
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 687    |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 158.2 | 103.8 | 155.8# |
| 51       | 28.2  | 31.8  | 47.8#  |
| 86       | 42.6  | 51.4  | 77.2#  |



#24  
1,1-Dichloroethane  
Concen: 1.276 ug/l  
RT: 3.611 min Scan# 414  
Delta R.T. 0.006 min  
Lab File: VX034512.D  
Acq: 15 Mar 2023 16:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 7052  |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 8.7   | 3.8   | 11.2  |
| 100      | 6.0   | 2.4   | 7.1   |





#27

cis-1,2-Dichloroethene

Concen: 3.143 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034512.D

Acq: 15 Mar 2023 16:45

Instrument :

MSVOA\_X

ClientSampleId :

GWOW-05B-69-74-031423

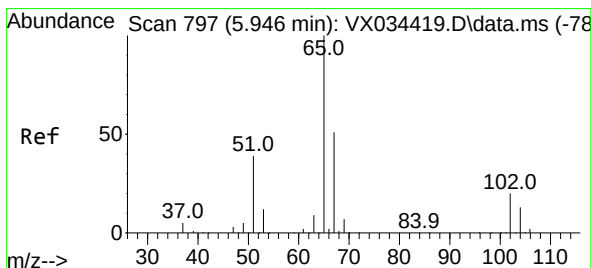
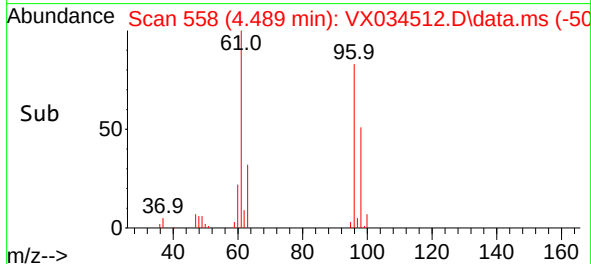
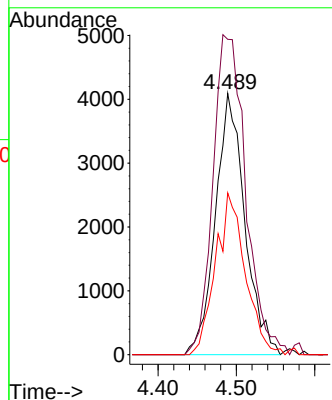
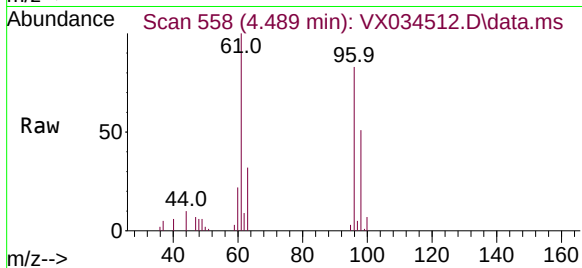
Tgt Ion: 96 Resp: 10687

Ion Ratio Lower Upper

96 100

61 136.2 0.0 300.4

98 62.6 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 47.358 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034512.D

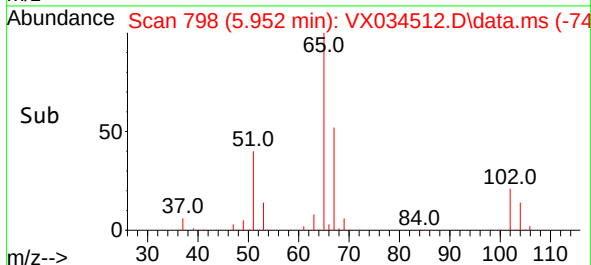
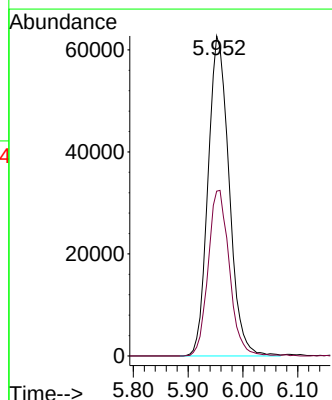
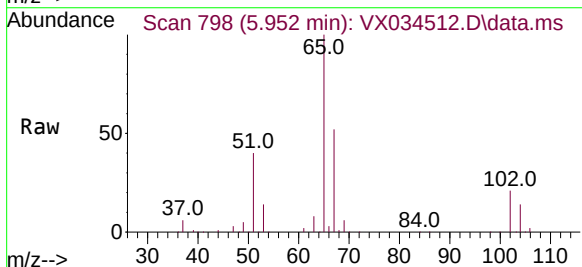
Acq: 15 Mar 2023 16:45

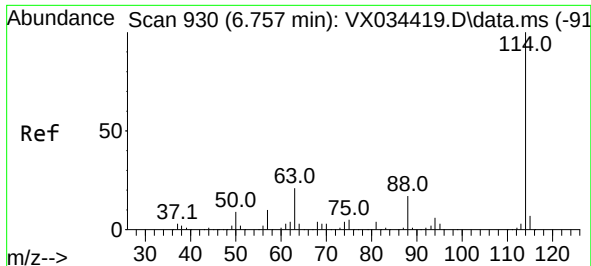
Tgt Ion: 65 Resp: 167396

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0

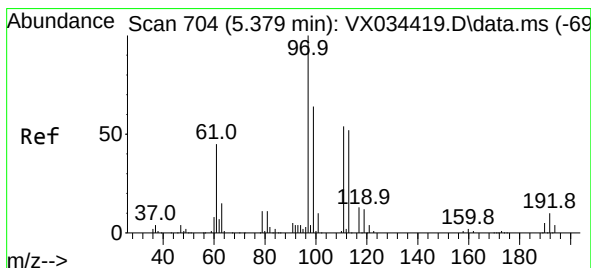
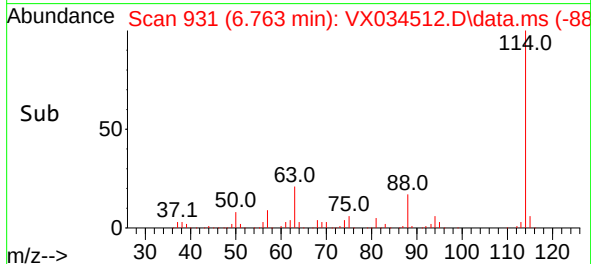
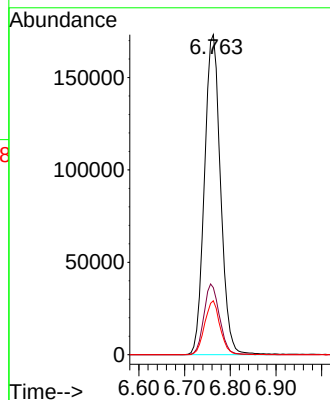
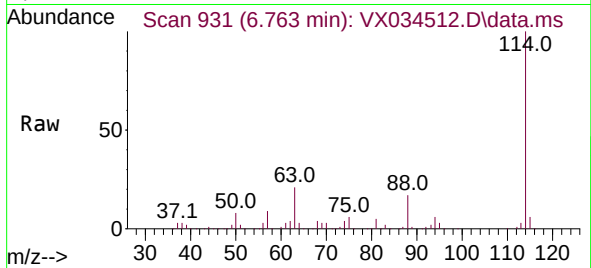




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX034512.D  
Acq: 15 Mar 2023 16:45

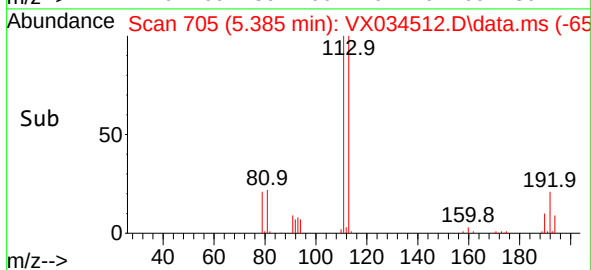
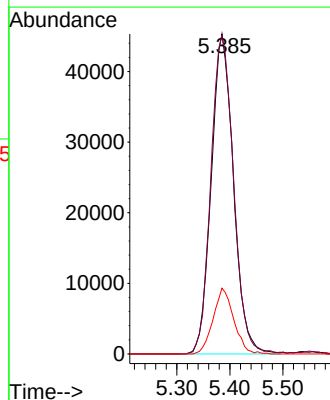
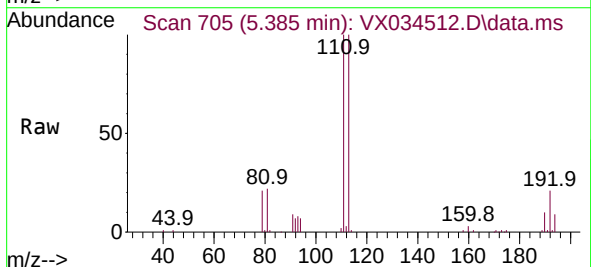
Instrument :  
MSVOA\_X  
ClientSampleId :  
GWOW-05B-69-74-031423

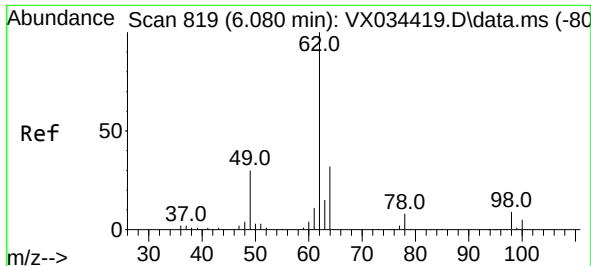
Tgt Ion:114 Resp: 422685  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 42.2  
88 16.8 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 47.181 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX034512.D  
Acq: 15 Mar 2023 16:45

Tgt Ion:113 Resp: 131672  
Ion Ratio Lower Upper  
113 100  
111 102.1 83.7 125.5  
192 19.1 15.4 23.2





#42

1,2-Dichloroethane

Concen: 1.075 ug/l

RT: 6.104 min Scan# 81

Delta R.T. 0.024 min

Lab File: VX034512.D

Acq: 15 Mar 2023 16:45

Instrument :

MSVOA\_X

ClientSampleId :

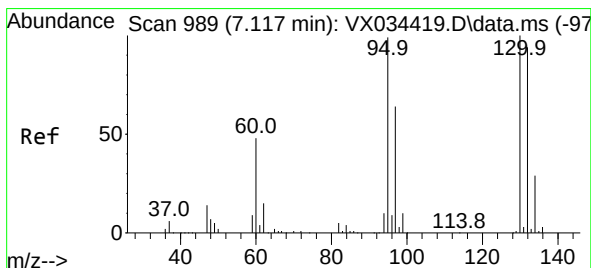
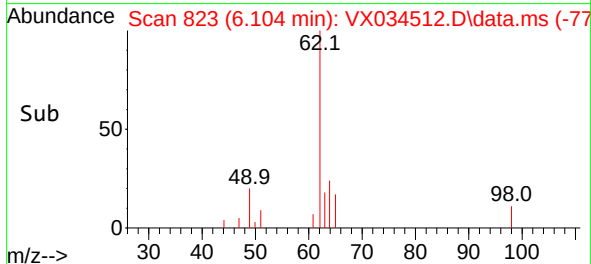
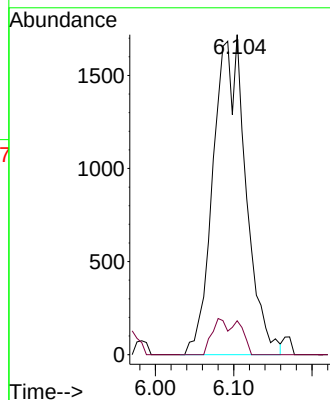
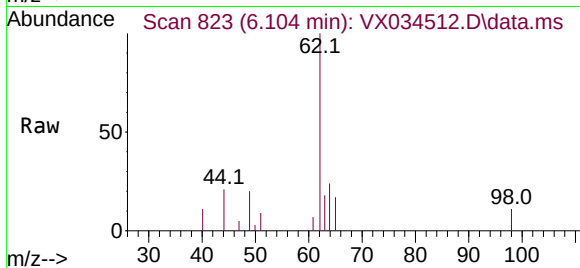
GWOW-05B-69-74-031423

Tgt Ion: 62 Resp: 4955

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#44

Trichloroethene

Concen: 0.782 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034512.D

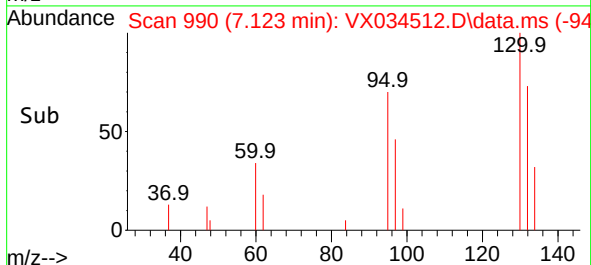
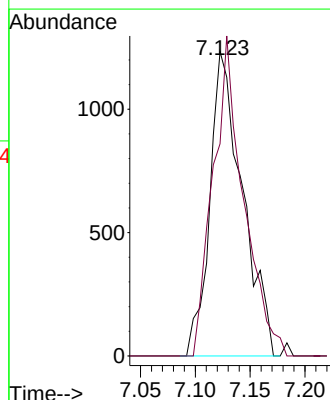
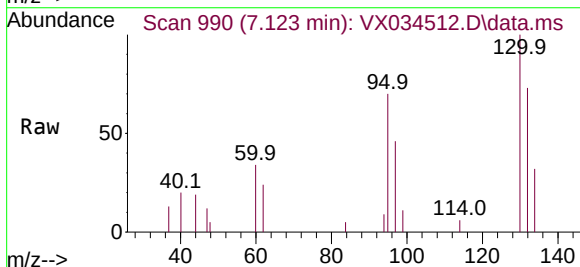
Acq: 15 Mar 2023 16:45

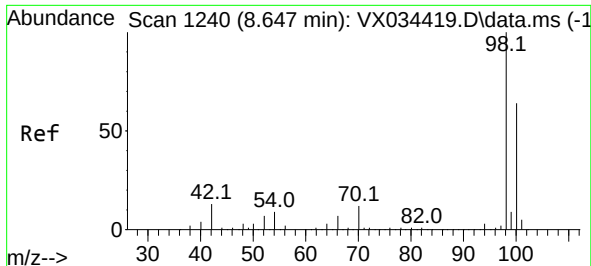
Tgt Ion: 130 Resp: 2548

Ion Ratio Lower Upper

130 100

95 69.7 0.0 198.4





#50

Toluene-d8

Concen: 48.815 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034512.D

Acq: 15 Mar 2023 16:45

Instrument :

MSVOA\_X

ClientSampleId :

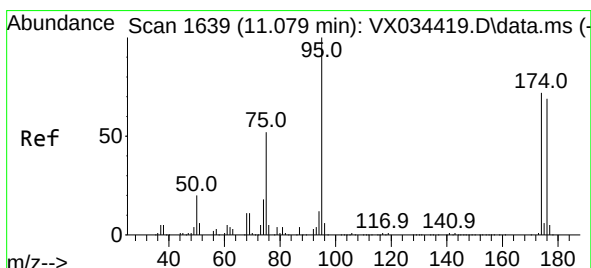
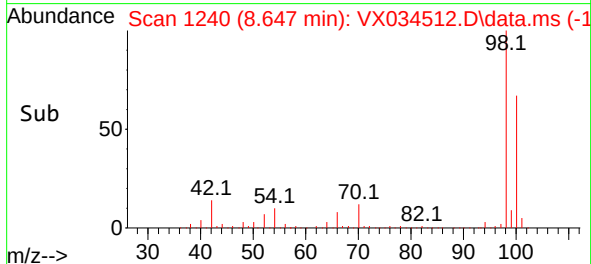
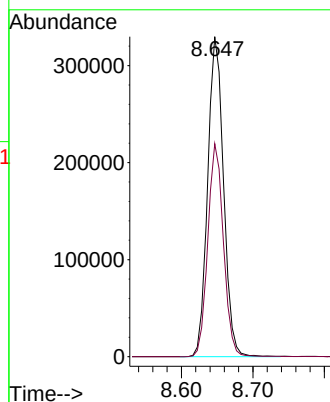
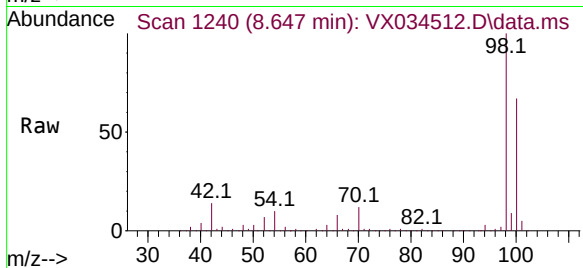
GWOW-05B-69-74-031423

Tgt Ion: 98 Resp: 508561

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 47.474 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034512.D

Acq: 15 Mar 2023 16:45

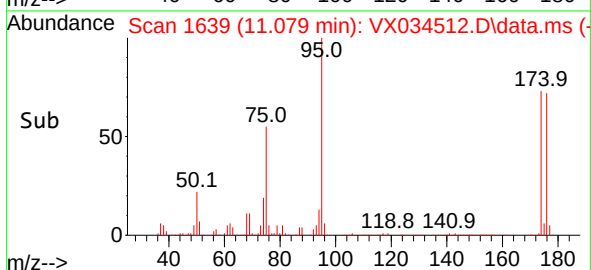
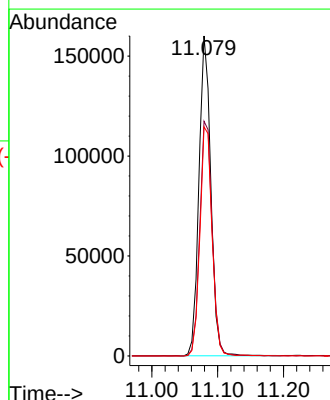
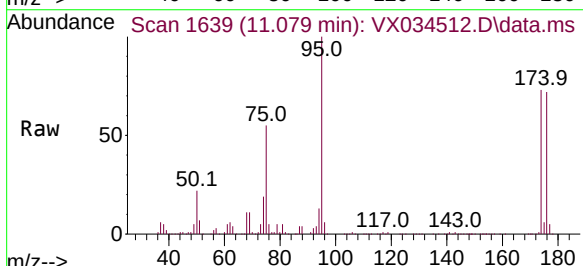
Tgt Ion: 95 Resp: 199776

Ion Ratio Lower Upper

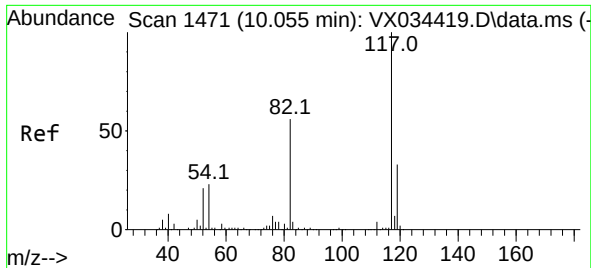
95 100

174 77.1 0.0 147.4

176 73.6 0.0 140.6



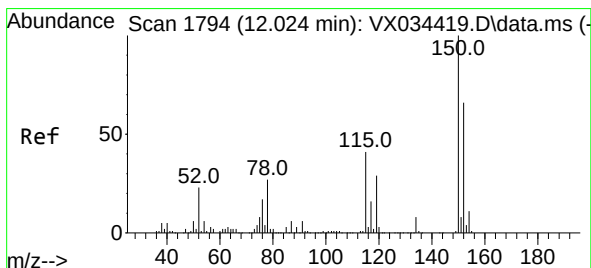
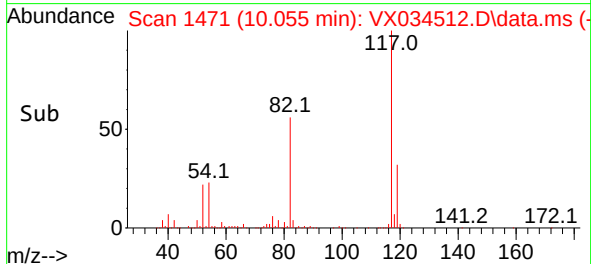
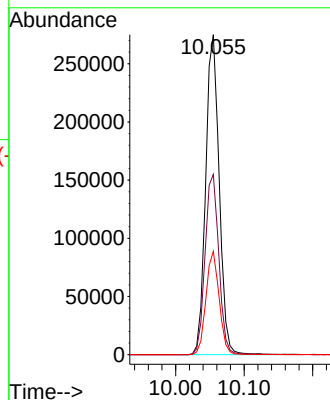
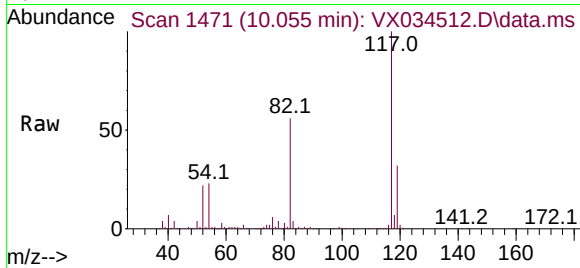




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX034512.D  
Acq: 15 Mar 2023 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
GWOW-05B-69-74-031423

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 377745 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 56.4  | 45.0  | 67.4   |
| 119      | 32.3  | 26.0  | 39.0   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX034512.D  
Acq: 15 Mar 2023 16:45

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 171082 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 60.2  | 45.0  | 135.0  |
| 150      | 159.8 | 0.0   | 352.4  |

