

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042723\  
 Data File : VX035347.D  
 Acq On : 27 Apr 2023 17:31  
 Operator : JC/MD  
 Sample : 02495-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GMW-X

Quant Time: Apr 28 05:08:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 16:31:40 2023  
 Response via : Initial Calibration

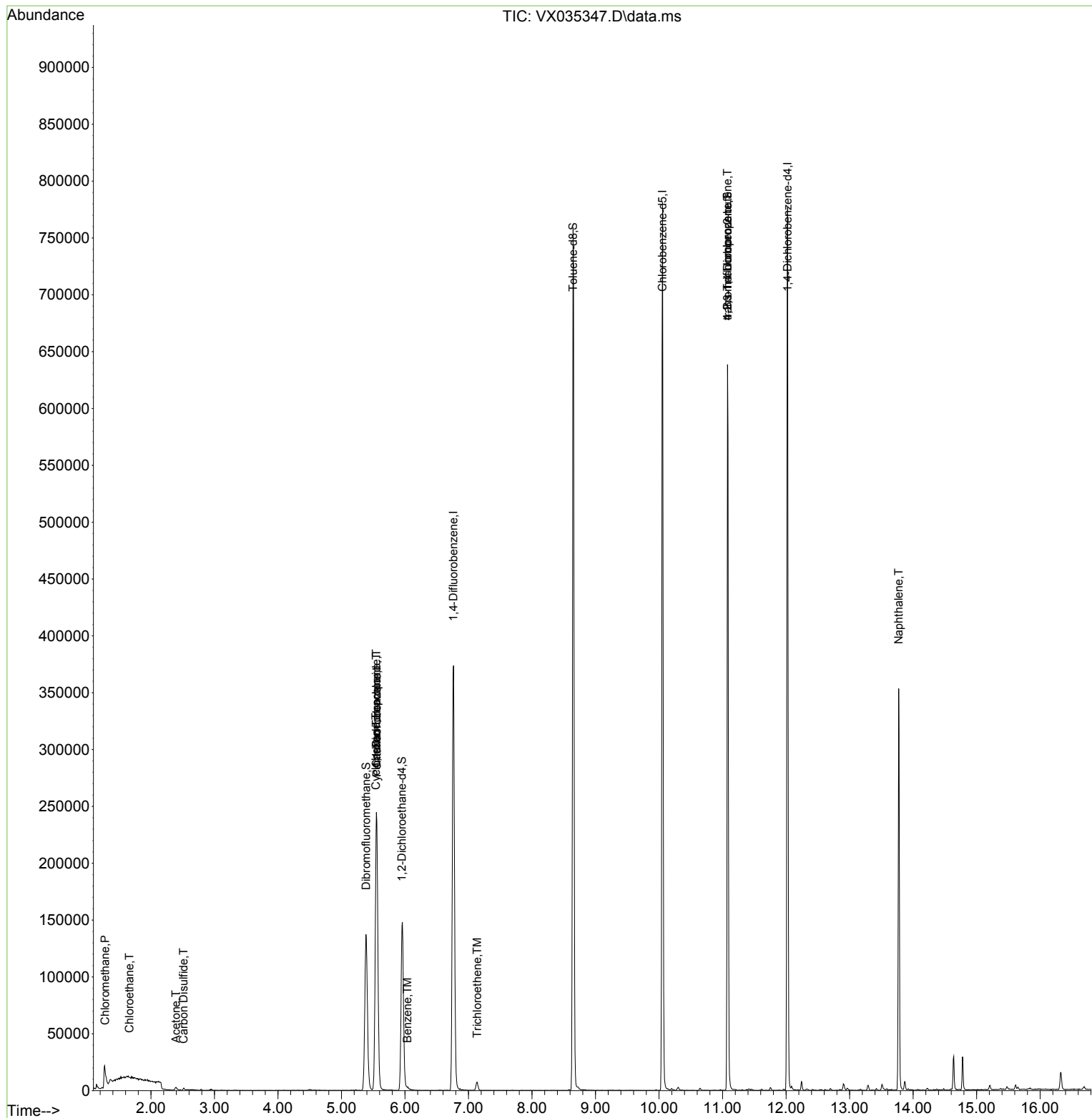
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 240189   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 393329   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 362096   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 171887   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 144043   | 49.709   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 99.420%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 121911   | 50.499   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 101.000% |
| 50) Toluene-d8                | 8.647  | 98    | 460685   | 50.586   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 101.180% |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 177400   | 51.783   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 103.560% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.276  | 50    | 939      | 0.406    | ug/l # | 42       |
| 6) Chloroethane               | 1.660  | 64    | 683      | 0.504    | ug/l # | 50       |
| 16) Acetone                   | 2.392  | 43    | 3041     | 2.416    | ug/l   | 95       |
| 17) Carbon Disulfide          | 2.514  | 76    | 2353     | 0.421    | ug/l # | 88       |
| 31) Cyclohexane               | 5.544  | 56    | 4376     | 1.065    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 17039    | 4.520    | ug/l # | 52       |
| 38) Carbon Tetrachloride      | 5.550  | 117   | 23322    | 6.517    | ug/l # | 18       |
| 40) Benzene                   | 6.037  | 78    | 2207     | 0.204    | ug/l # | 82       |
| 44) Trichloroethene           | 7.135  | 130   | 3024     | 1.015    | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 86973    | 25.366   | ug/l # | 35       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 86973    | 82.155   | ug/l # | 8        |
| 95) Naphthalene               | 13.774 | 128   | 219336   | 19.093   | ug/l   | 99       |
| -----                         |        |       |          |          |        |          |

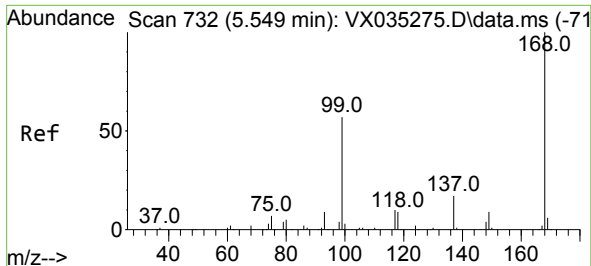
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
GMW-X

Quant Time: Apr 28 05:08:12 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 25 16:31:40 2023  
Response via : Initial Calibration

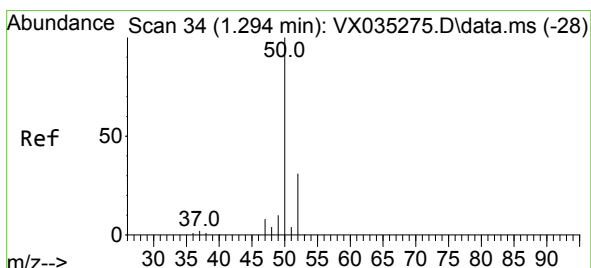
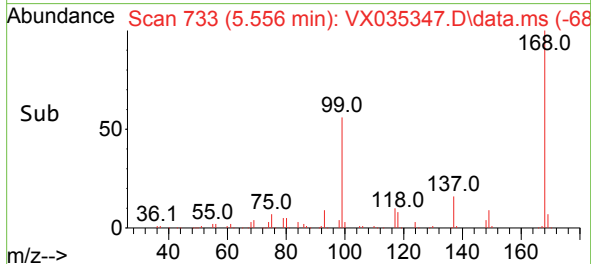
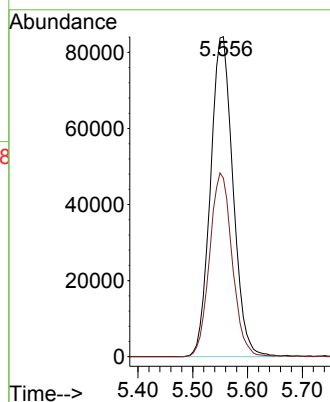
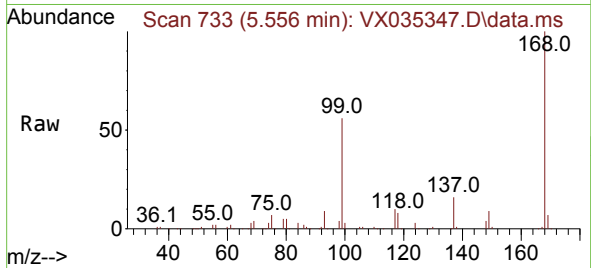




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX035347.D  
Acq: 27 Apr 2023 17:31

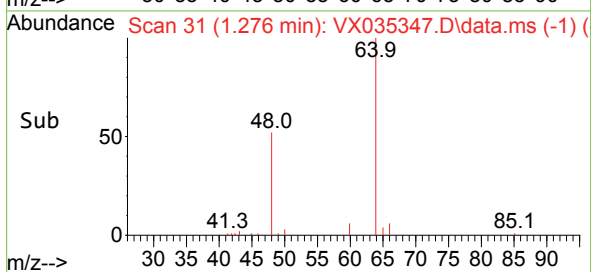
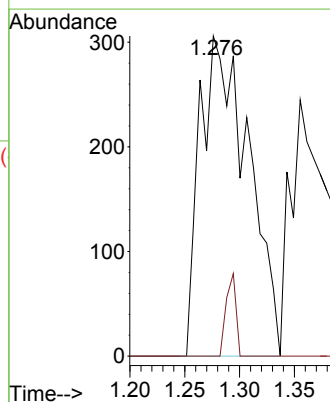
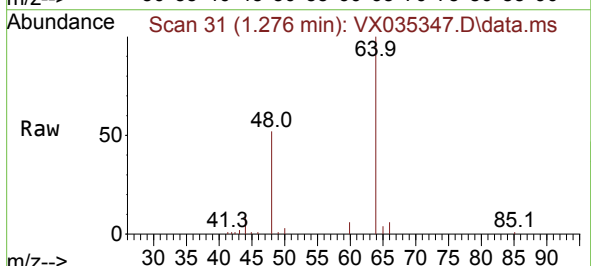
Instrument :  
MSVOA\_X  
ClientSampleId :  
GMW-X

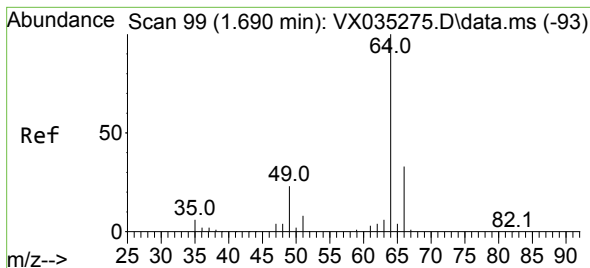
Tgt Ion:168 Resp: 240189  
Ion Ratio Lower Upper  
168 100  
99 55.8 45.7 68.5



#3  
Chloromethane  
Concen: 0.406 ug/l  
RT: 1.276 min Scan# 31  
Delta R.T. -0.018 min  
Lab File: VX035347.D  
Acq: 27 Apr 2023 17:31

Tgt Ion: 50 Resp: 939  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.9 38.9#





#6

Chloroethane

Concen: 0.504 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.030 min

Lab File: VX035347.D

Acq: 27 Apr 2023 17:31

Instrument :

MSVOA\_X

ClientSampleId :

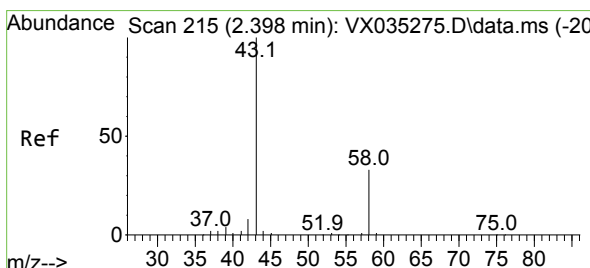
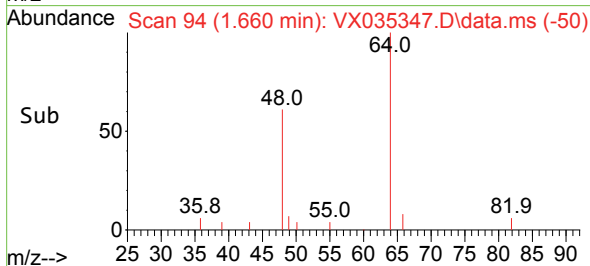
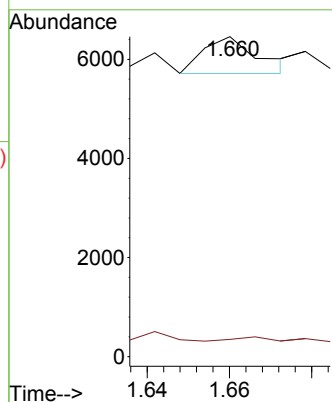
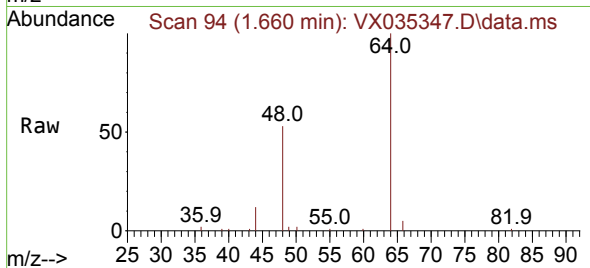
GMW-X

Tgt Ion: 64 Resp: 683

Ion Ratio Lower Upper

64 100

66 4.4 26.2 39.4#



#16

Acetone

Concen: 2.416 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX035347.D

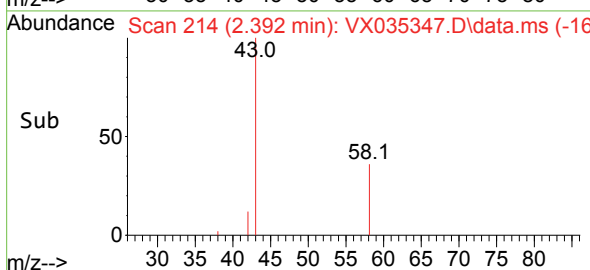
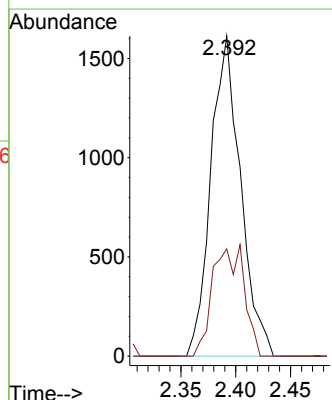
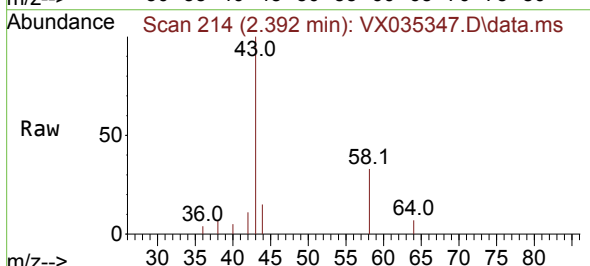
Acq: 27 Apr 2023 17:31

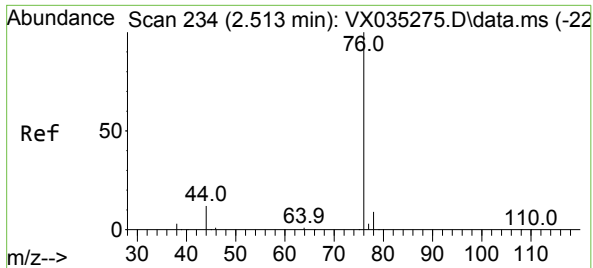
Tgt Ion: 43 Resp: 3041

Ion Ratio Lower Upper

43 100

58 33.5 24.7 37.1

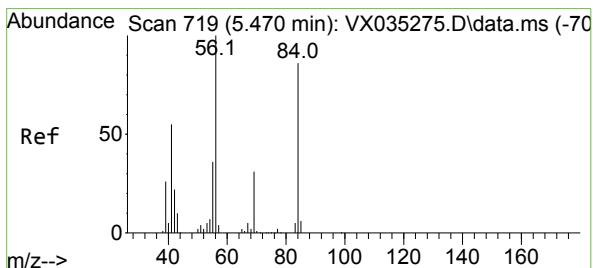
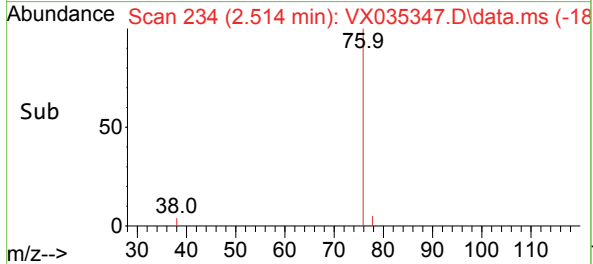
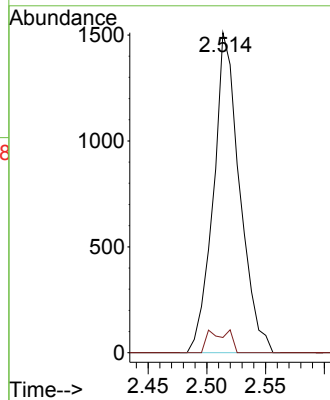
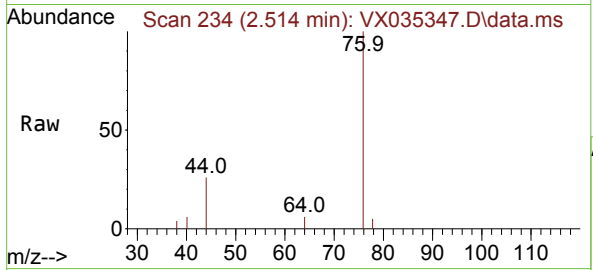




#17  
Carbon Disulfide  
Concen: 0.421 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VX035347.D  
Acq: 27 Apr 2023 17:31

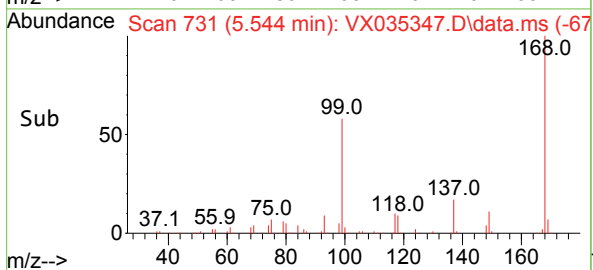
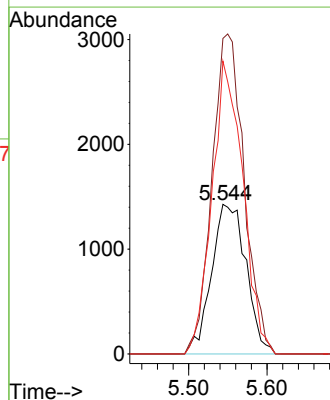
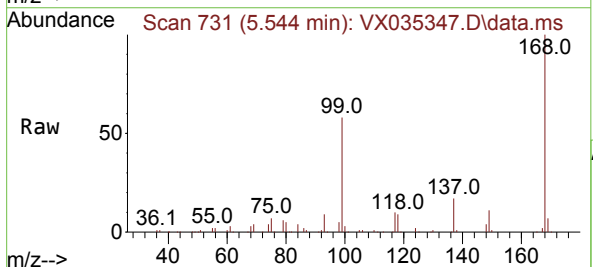
Instrument :  
MSVOA\_X  
ClientSampleId :  
GMW-X

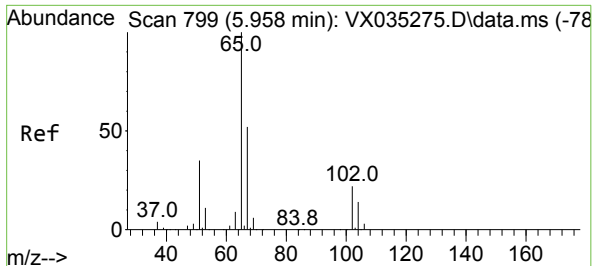
Tgt Ion: 76 Resp: 2353  
Ion Ratio Lower Upper  
76 100  
78 4.8 7.2 10.8#



#31  
Cyclohexane  
Concen: 1.065 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. 0.074 min  
Lab File: VX035347.D  
Acq: 27 Apr 2023 17:31

Tgt Ion: 56 Resp: 4376  
Ion Ratio Lower Upper  
56 100  
69 210.9 23.7 35.5#  
84 195.8 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 49.709 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035347.D

Acq: 27 Apr 2023 17:31

Instrument :

MSVOA\_X

ClientSampleId :

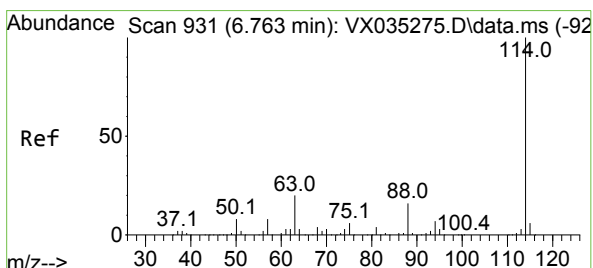
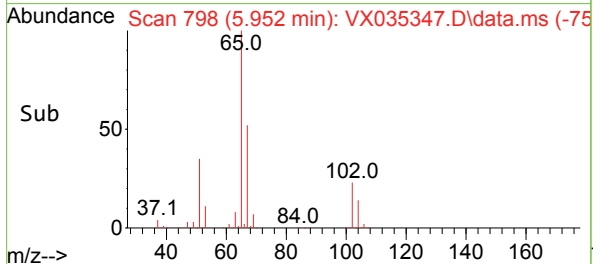
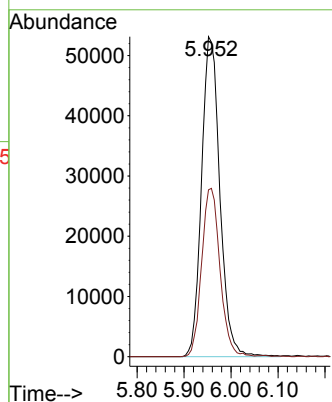
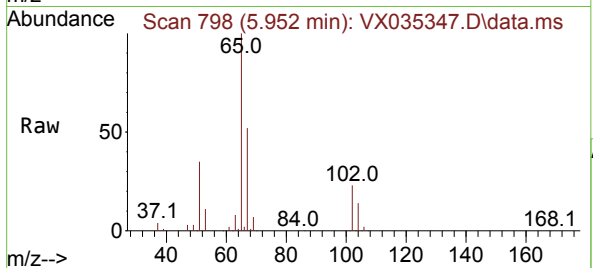
GMW-X

Tgt Ion: 65 Resp: 144043

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035347.D

Acq: 27 Apr 2023 17:31

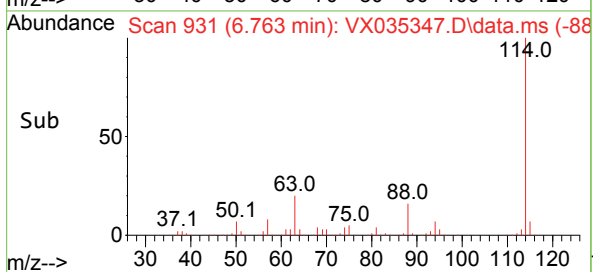
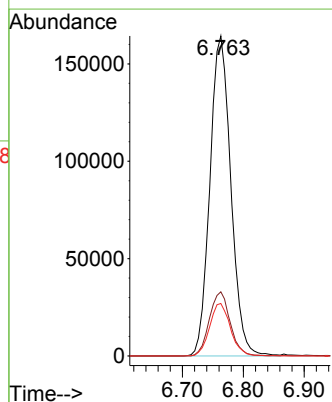
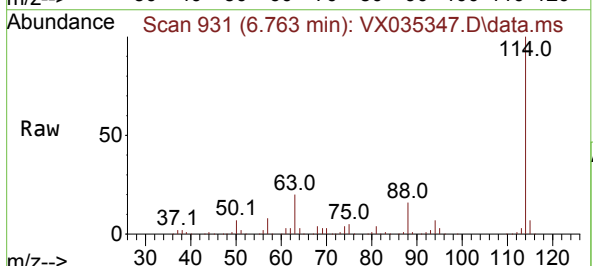
Tgt Ion: 114 Resp: 393329

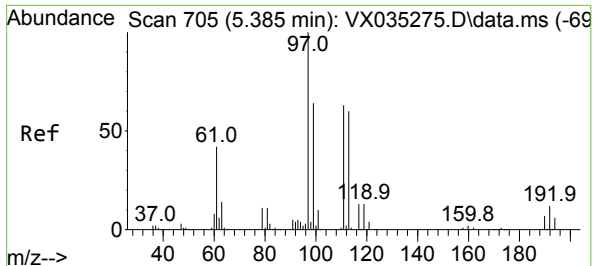
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.2

88 16.4 0.0 33.2

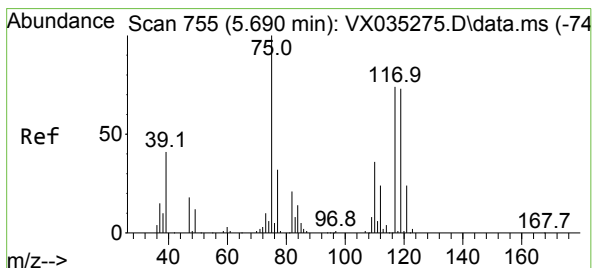
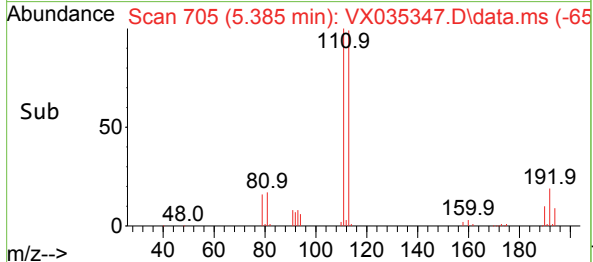
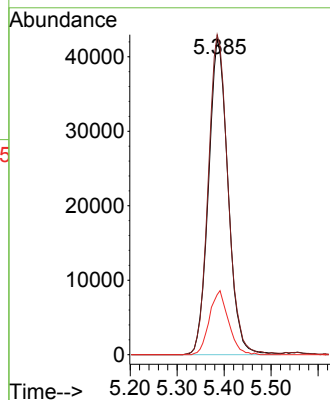
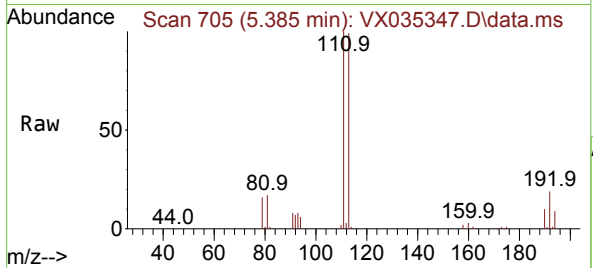




#35  
Dibromofluoromethane  
Concen: 50.499 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035347.D  
Acq: 27 Apr 2023 17:31

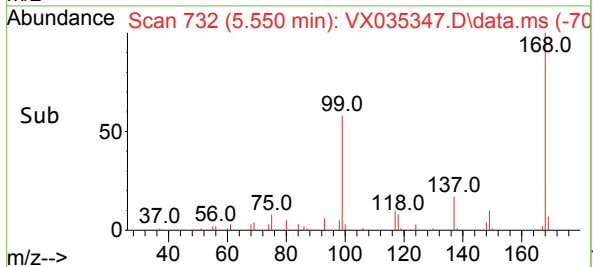
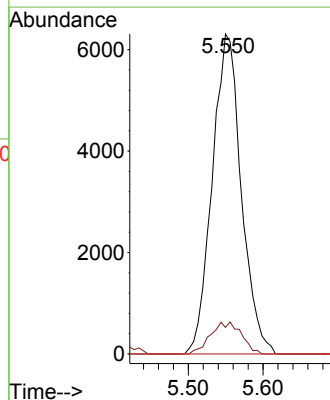
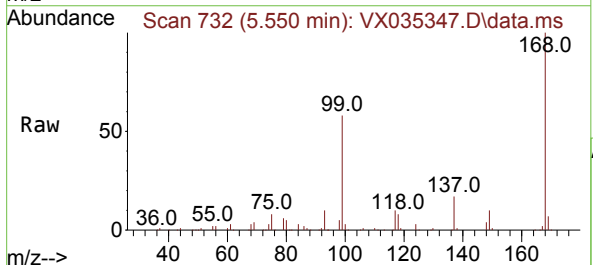
Instrument :  
MSVOA\_X  
ClientSampleId :  
GMW-X

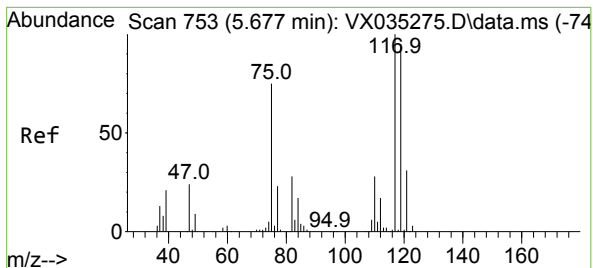
Tgt Ion:113 Resp: 121911  
Ion Ratio Lower Upper  
113 100  
111 102.5 83.7 125.5  
192 19.8 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 4.520 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.140 min  
Lab File: VX035347.D  
Acq: 27 Apr 2023 17:31

Tgt Ion: 75 Resp: 17039  
Ion Ratio Lower Upper  
75 100  
110 10.6 17.5 52.5#  
77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.517 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.127 min

Lab File: VX035347.D

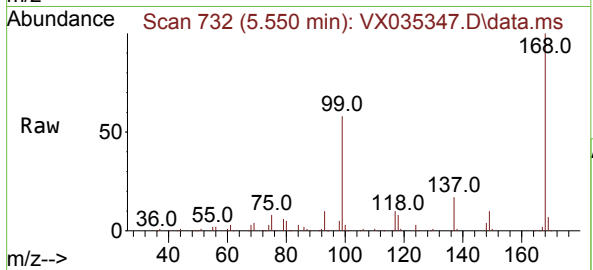
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Instrument :

MSVOA\_X

ClientSampleId :

GMW-X



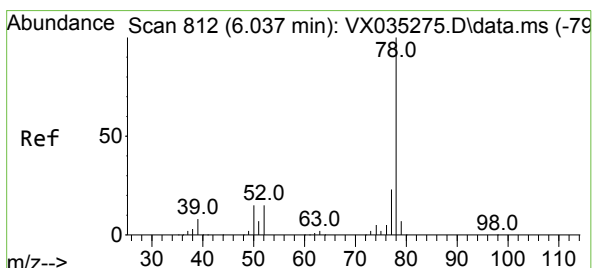
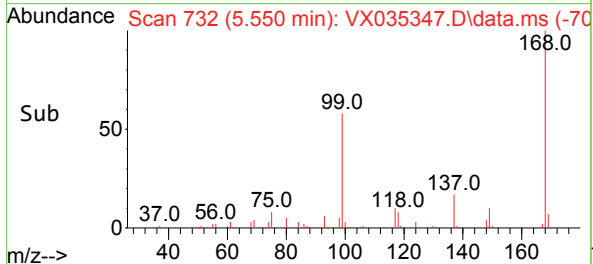
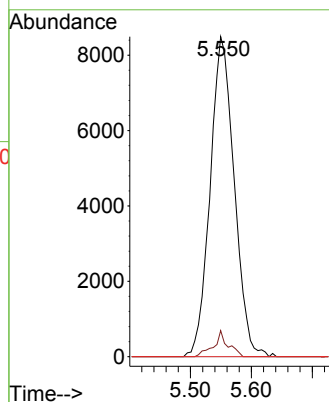
Tgt Ion:117 Resp: 23322

Ion Ratio Lower Upper

117 100

119 8.2 76.6 114.8#

121 0.0 23.8 35.6#



#40

Benzene

Concen: 0.204 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035347.D

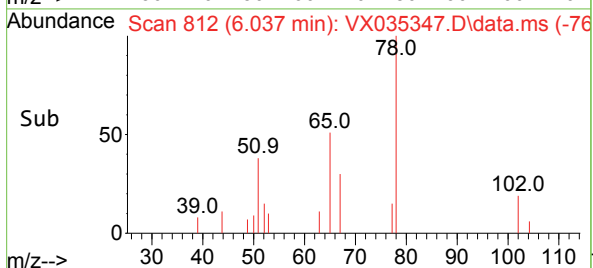
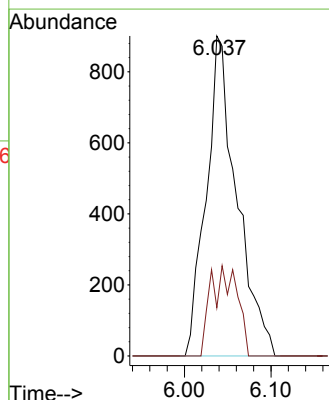
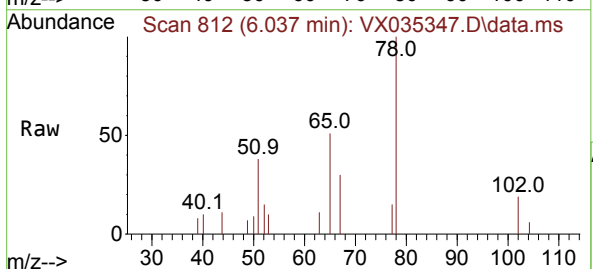
Acq: 27 Apr 2023 17:31

Tgt Ion: 78 Resp: 2207

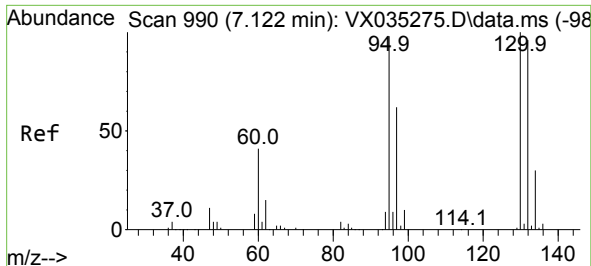
Ion Ratio Lower Upper

78 100

77 15.1 19.0 28.4#



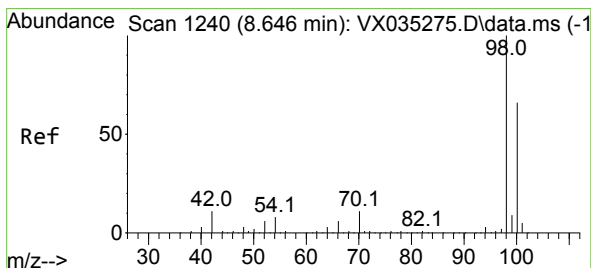
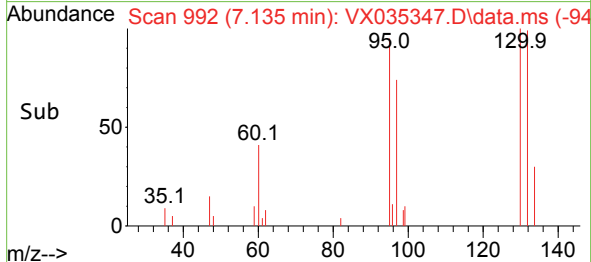
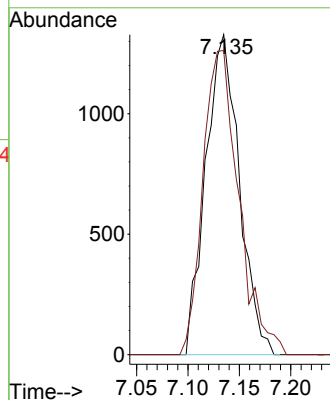
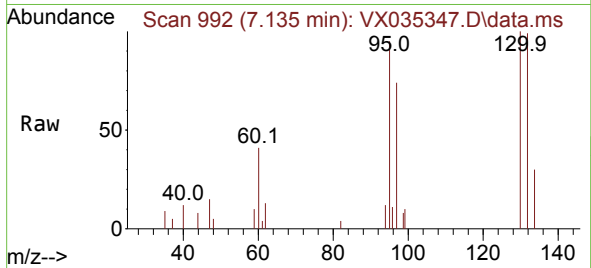




#44  
Trichloroethene  
Concen: 1.015 ug/l  
RT: 7.135 min Scan# 991  
Delta R.T. 0.013 min  
Lab File: VX035347.D  
Acq: 27 Apr 2023 17:31

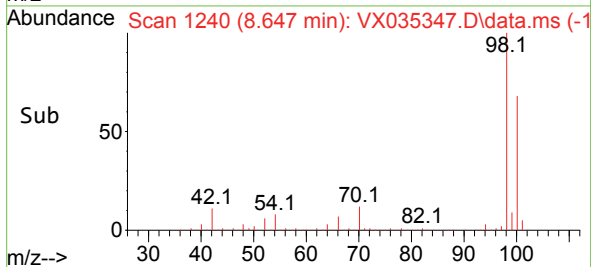
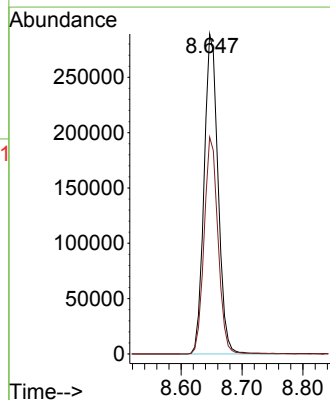
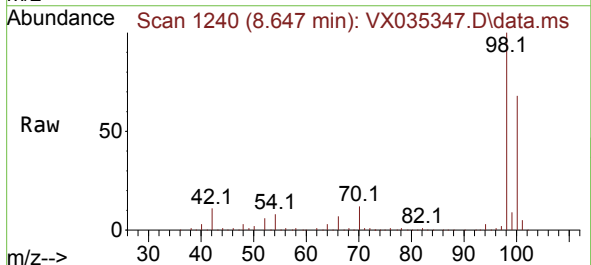
Instrument :  
MSVOA\_X  
ClientSampleId :  
GMW-X

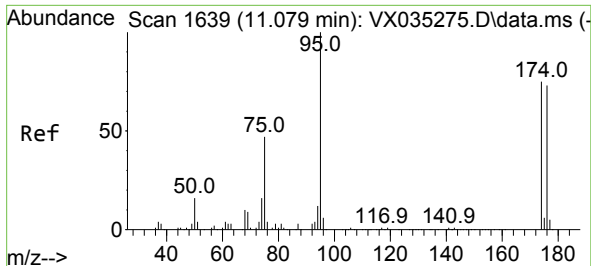
Tgt Ion:130 Resp: 3024  
Ion Ratio Lower Upper  
130 100  
95 95.0 0.0 198.4



#50  
Toluene-d8  
Concen: 50.586 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.001 min  
Lab File: VX035347.D  
Acq: 27 Apr 2023 17:31

Tgt Ion: 98 Resp: 460685  
Ion Ratio Lower Upper  
98 100  
100 67.2 52.5 78.7

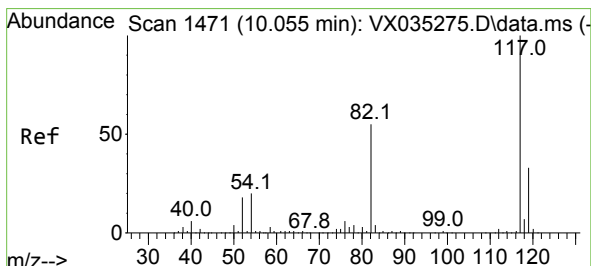
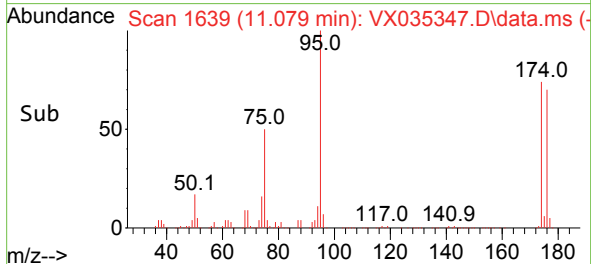
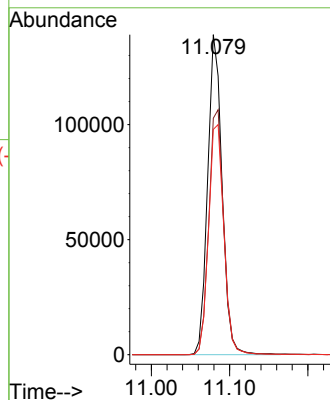
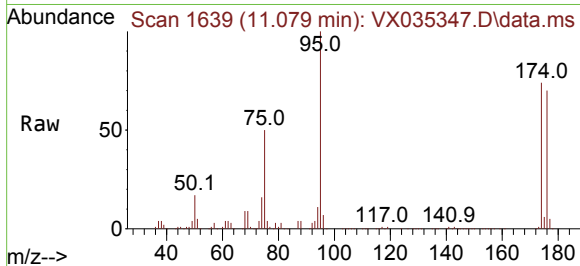




#62  
4-Bromofluorobenzene  
Concen: 51.783 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX035347.D  
Acq: 27 Apr 2023 17:31

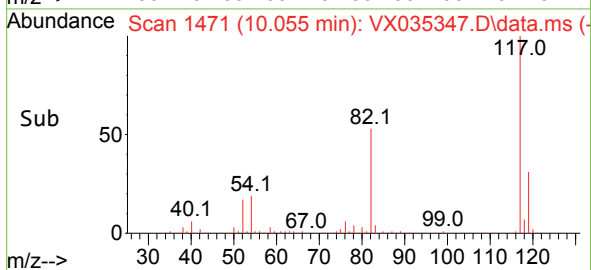
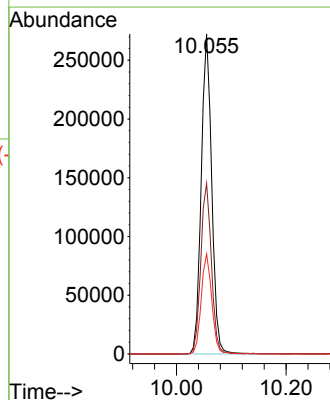
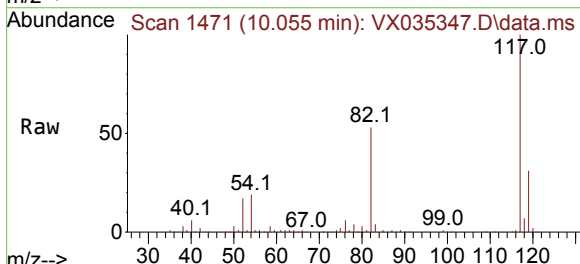
Instrument :  
MSVOA\_X  
ClientSampleId :  
GMW-X

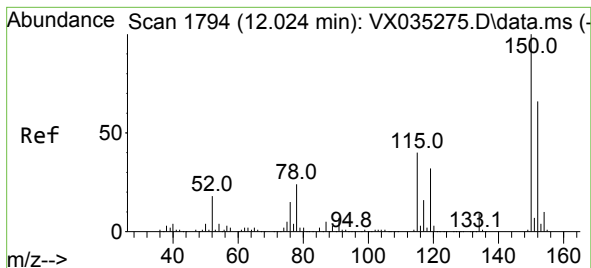
Tgt Ion: 95 Resp: 177400  
Ion Ratio Lower Upper  
95 100  
174 79.8 0.0 147.4  
176 76.2 0.0 140.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX035347.D  
Acq: 27 Apr 2023 17:31

Tgt Ion: 117 Resp: 362096  
Ion Ratio Lower Upper  
117 100  
82 53.3 45.0 67.4  
119 31.3 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: VX035347.D

Acq: 27 Apr 2023 17:31

Instrument :

MSVOA\_X

ClientSampleId :

GMW-X

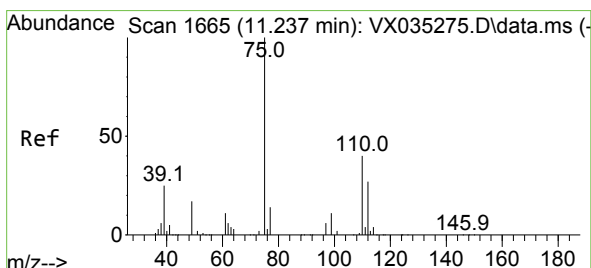
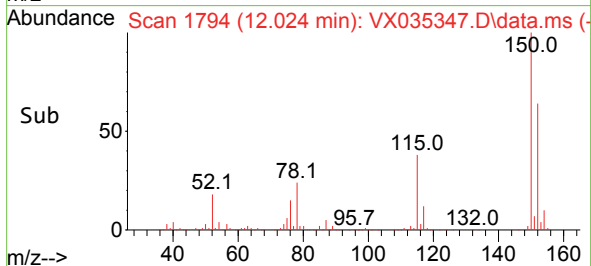
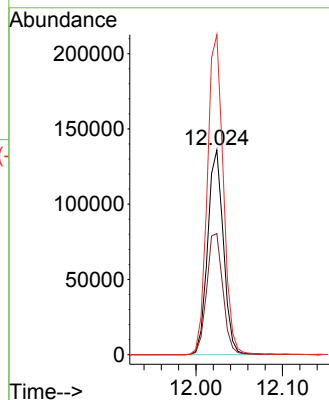
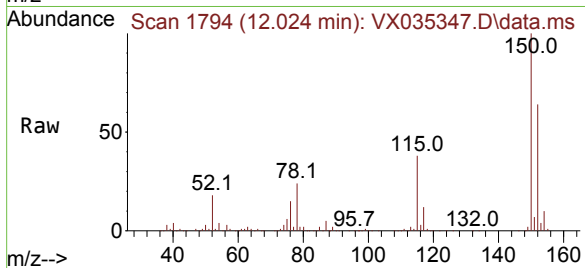
Tgt Ion:152 Resp: 171887

Ion Ratio Lower Upper

152 100

115 61.0 45.0 135.0

150 159.0 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 25.366 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035347.D

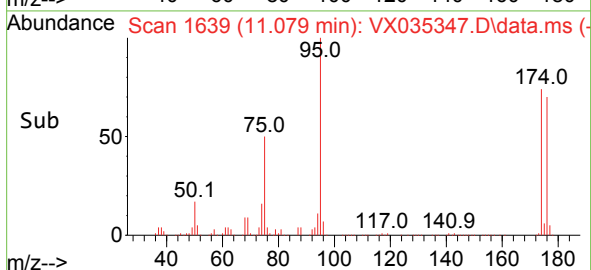
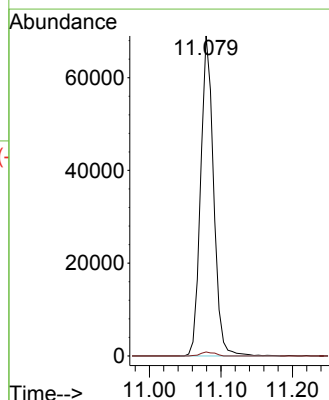
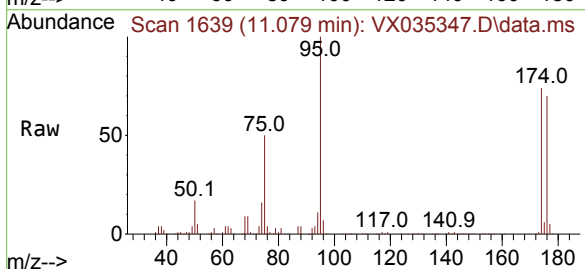
Acq: 27 Apr 2023 17:31

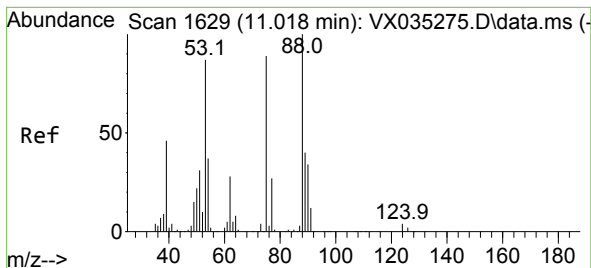
Tgt Ion: 75 Resp: 86973

Ion Ratio Lower Upper

75 100

77 1.4 21.6 64.8#

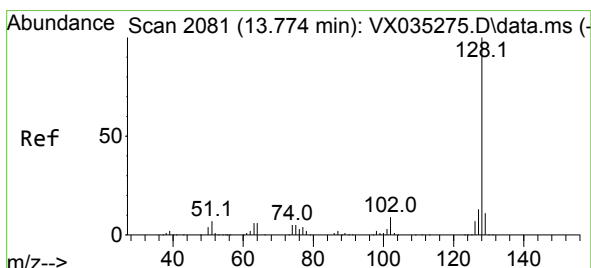
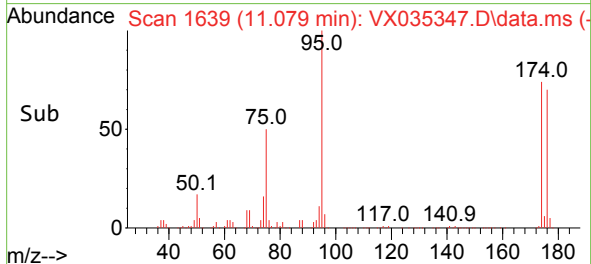
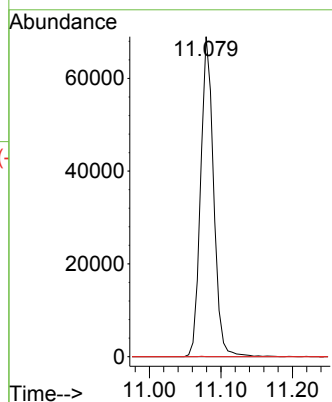
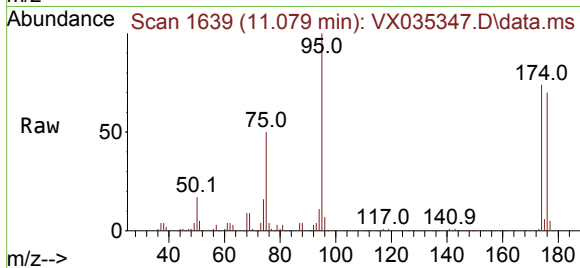




#81  
trans-1,4-Dichloro-2-butene  
Concen: 82.155 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX035347.D  
Acq: 27 Apr 2023 17:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
GMW-X

Tgt Ion: 75 Resp: 86973  
Ion Ratio Lower Upper  
75 100  
53 0.0 82.6 124.0#  
89 0.0 36.9 55.3#



#95  
Naphthalene  
Concen: 19.093 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX035347.D  
Acq: 27 Apr 2023 17:31

Tgt Ion: 128 Resp: 219336  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.2 15.4  
129 11.0 8.6 13.0

