

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050721\  
 Data File : VX021876.D  
 Acq On : 07 May 2021 15:32  
 Operator : JC/MD  
 Sample : M2341-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-5

Quant Time: May 08 06:20:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050721W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat May 08 05:38:18 2021  
 Response via : Initial Calibration

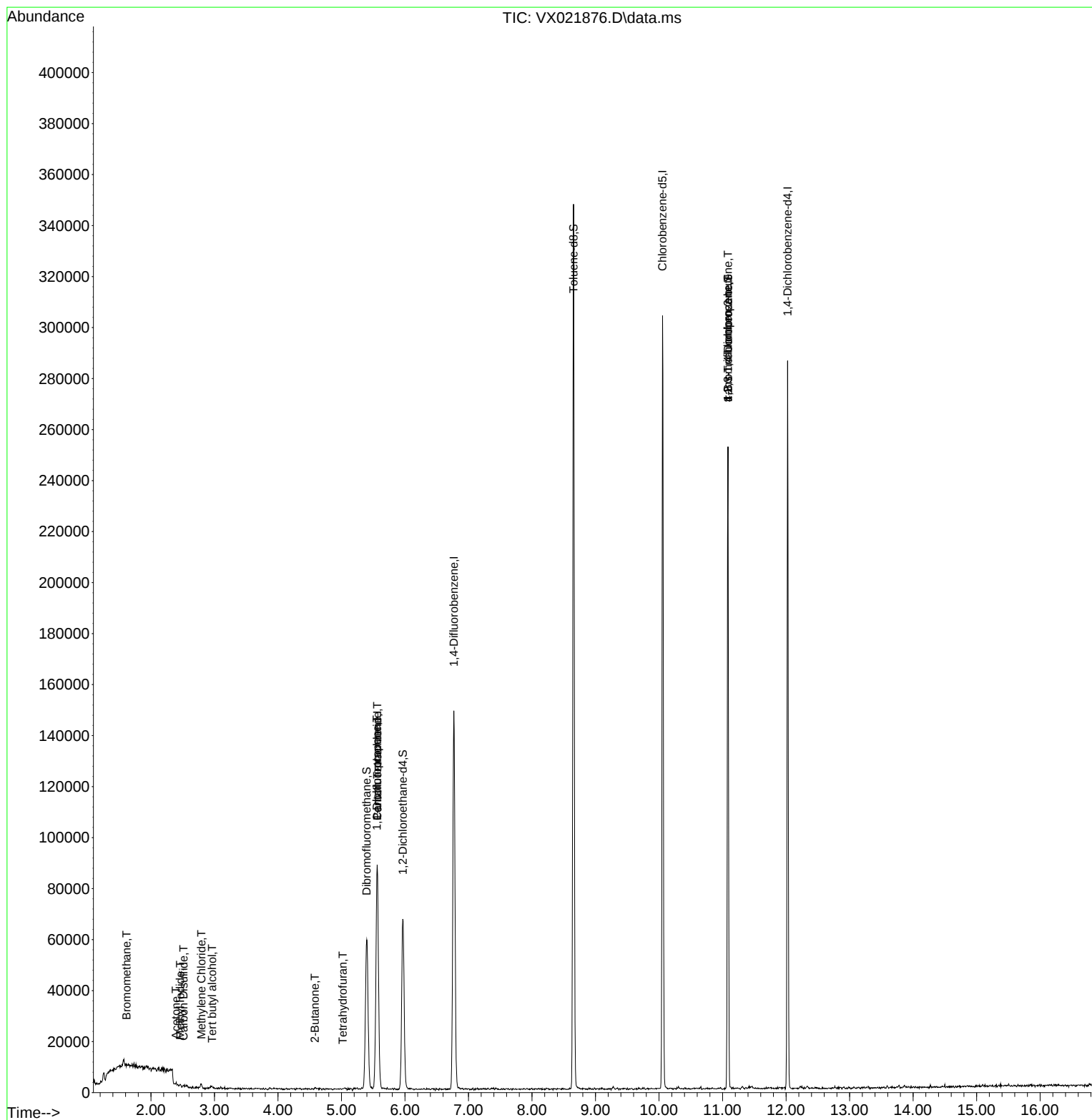
| Compound                      | R.T.           | QIon | Response           | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|--------------------|-----------|--------|----------|
| -----                         |                |      |                    |           |        |          |
| Internal Standards            |                |      |                    |           |        |          |
| 1) Pentafluorobenzene         | 5.562          | 168  | 78069              | 50.00     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.769          | 114  | 149961             | 50.00     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 132185             | 50.00     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 52504              | 50.00     | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |                    |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964          | 65   | 62228              | 48.43     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = 96.86%  |           |        |          |
| 35) Dibromofluoromethane      | 5.397          | 113  | 52639              | 51.22     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 102.44% |           |        |          |
| 50) Toluene-d8                | 8.653          | 98   | 195892             | 49.95     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = 99.90%  |           |        |          |
| 62) 4-Bromofluorobenzene      | 11.085         | 95   | 70532              | 45.57     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 91.14%  |           |        |          |
| Target Compounds              |                |      |                    |           |        |          |
|                               |                |      |                    |           | Qvalue |          |
| 5) Bromomethane               | 1.618          | 94   | 519                | 1.00      | ug/l # | 74       |
| 10) Methyl Iodide             | 2.459          | 142  | 525                | 0.44      | ug/l # | 81       |
| 11) Tert butyl alcohol        | 2.965          | 59   | 441                | 1.29      | ug/l # | 1        |
| 13) Acrolein                  | 2.239          | 56   | 355                | Below Cal |        | 97       |
| 16) Acetone                   | 2.392          | 43   | 953                | 1.65      | ug/l   | 94       |
| 17) Carbon Disulfide          | 2.514          | 76   | 652                | 0.22      | ug/l # | 48       |
| 20) Methylene Chloride        | 2.794          | 84   | 672                | 0.71      | ug/l   | 94       |
| 25) 2-Butanone                | 4.580          | 43   | 282                | 0.28      | ug/l # | 45       |
| 29) Tetrahydrofuran           | 5.019          | 42   | 185                | 0.31      | ug/l # | 27       |
| 36) 1,1-Dichloropropene       | 5.556          | 75   | 6858               | 4.31      | ug/l # | 46       |
| 38) Carbon Tetrachloride      | 5.562          | 117  | 8559               | 5.38      | ug/l # | 16       |
| 76) 1,2,3-Trichloropropane    | 11.085         | 75   | 35279              | 23.63     | ug/l # | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.085         | 75   | 35279              | 54.82     | ug/l # | 12       |
| -----                         |                |      |                    |           |        |          |

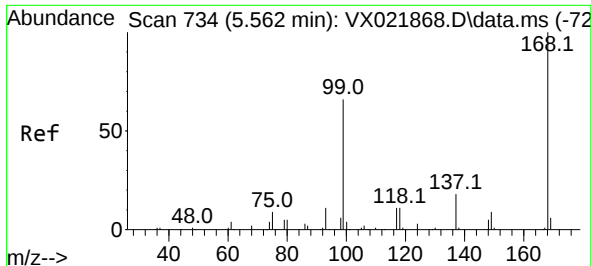
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050721\  
Data File : VX021876.D  
Acq On : 07 May 2021 15:32  
Operator : JC/MD  
Sample : M2341-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Quant Time: May 08 06:20:57 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050721W.M  
Quant Title : SW846 8260  
QLast Update : Sat May 08 05:38:18 2021  
Response via : Initial Calibration

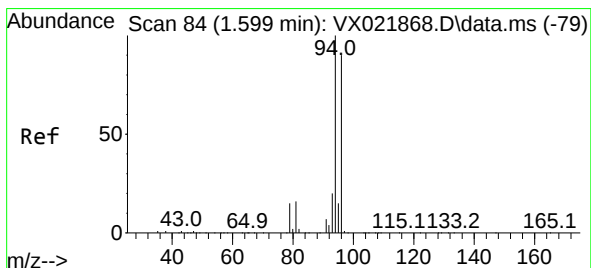
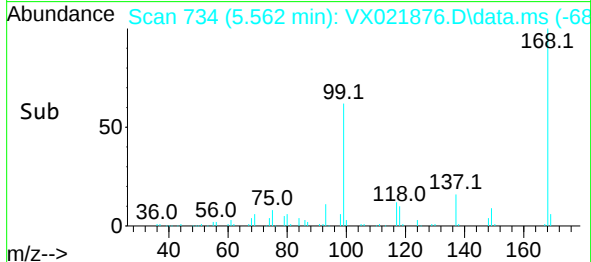
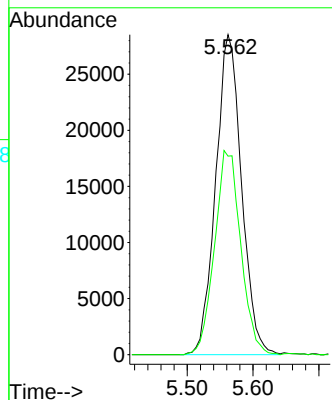
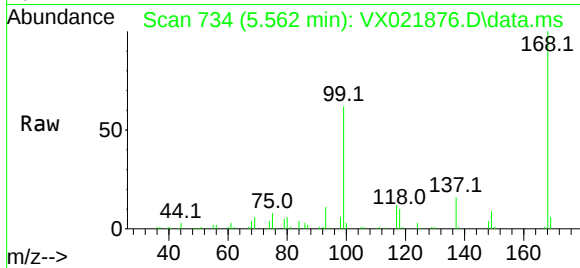




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

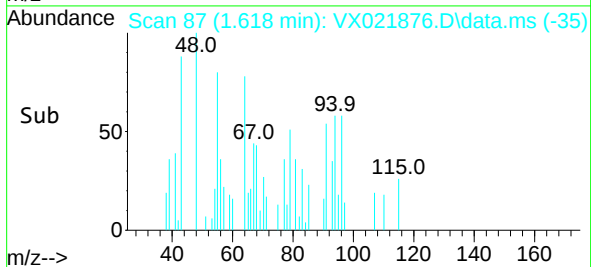
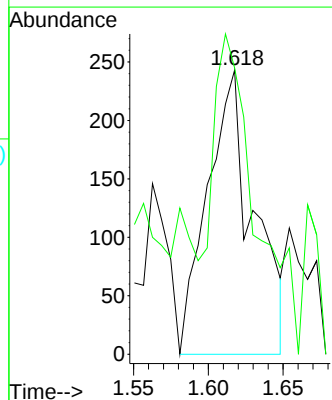
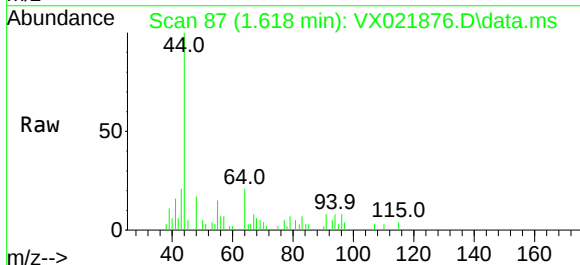
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

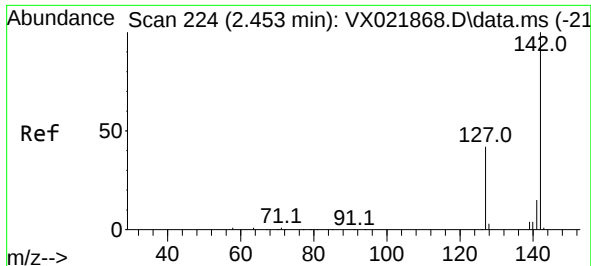
Tgt Ion:168 Resp: 78069  
Ion Ratio Lower Upper  
168 100  
99 62.1 45.8 68.6



#5  
Bromomethane  
Concen: 1.00 ug/l  
RT: 1.618 min Scan# 87  
Delta R.T. 0.019 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

Tgt Ion: 94 Resp: 519  
Ion Ratio Lower Upper  
94 100  
96 70.4 76.4 114.6#

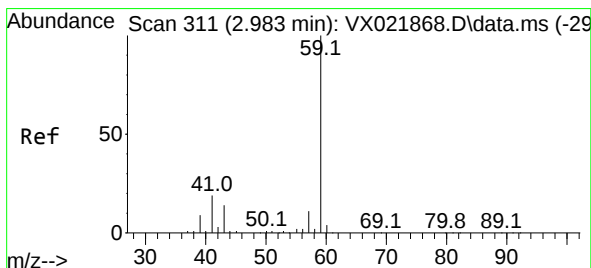
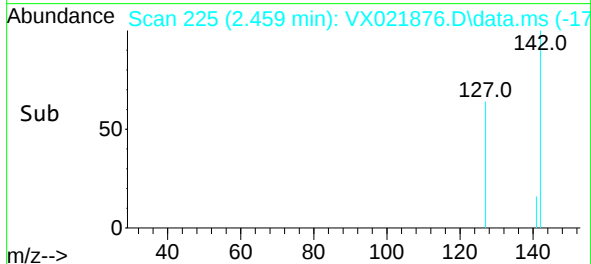
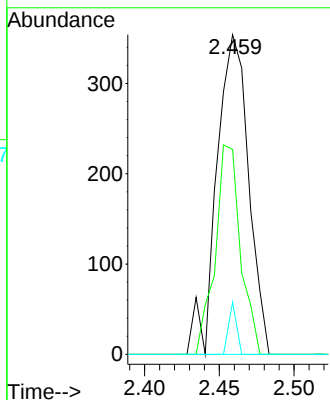
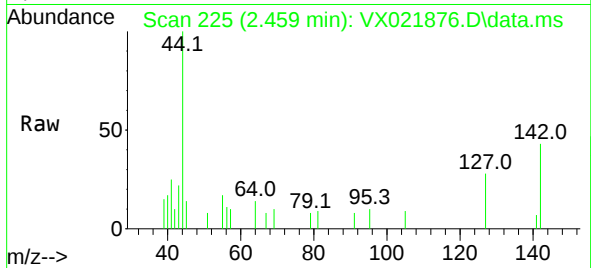




#10  
Methyl Iodide  
Concen: 0.44 ug/l  
RT: 2.459 min Scan# 225  
Delta R.T. 0.006 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

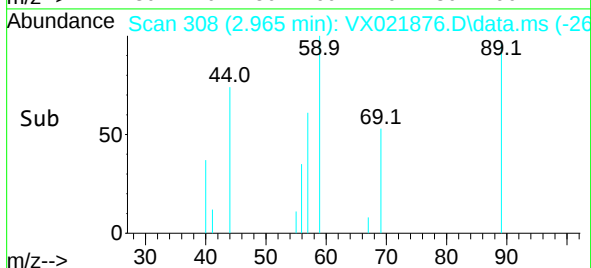
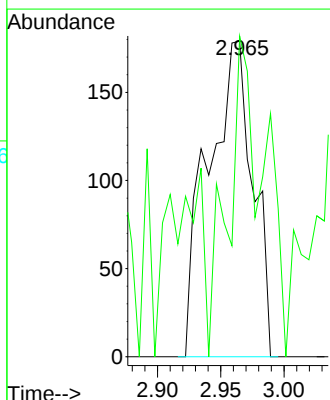
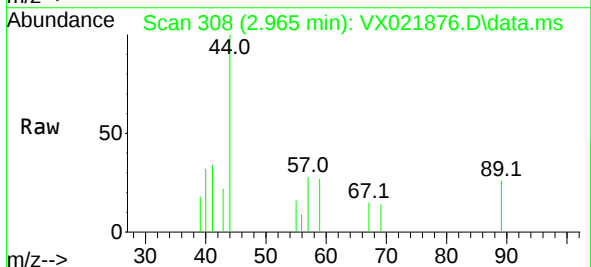
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

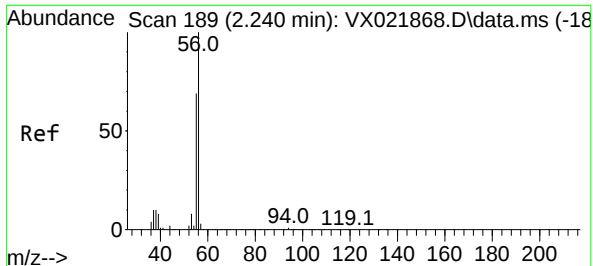
Tgt Ion:142 Resp: 525  
Ion Ratio Lower Upper  
142 100  
127 52.0 33.3 49.9#  
141 4.0 11.4 17.0#



#11  
Tert butyl alcohol  
Concen: 1.29 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. -0.018 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

Tgt Ion: 59 Resp: 441  
Ion Ratio Lower Upper  
59 100  
57 81.6 7.8 11.8#

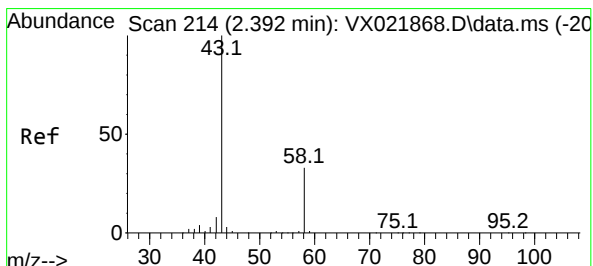
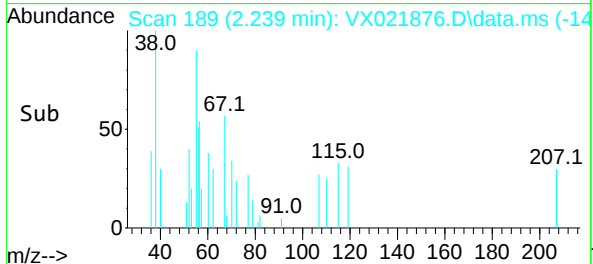
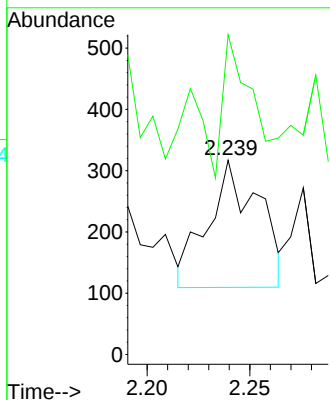
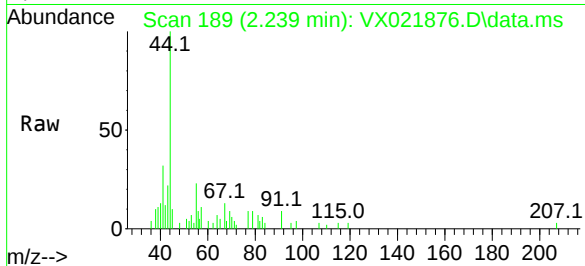




#13  
Acrolein  
Concen: Below Cal  
RT: 2.239 min Scan# 189  
Delta R.T. -0.001 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

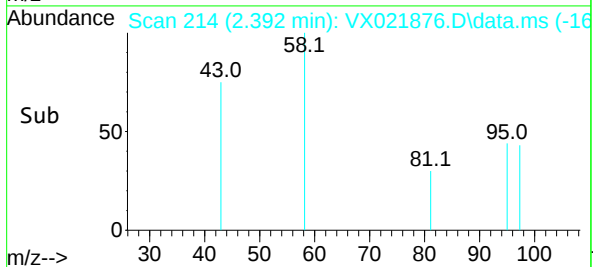
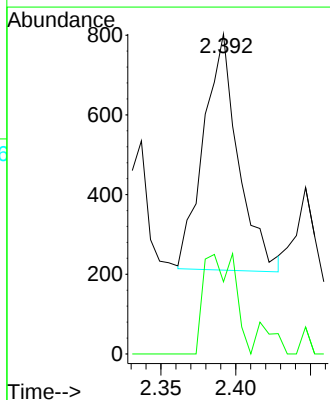
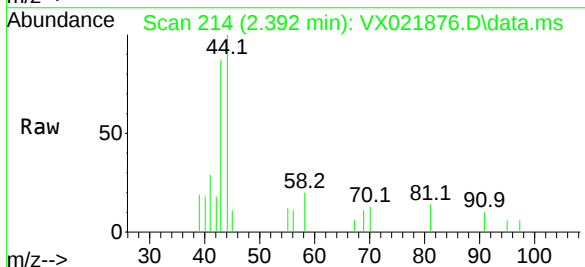
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

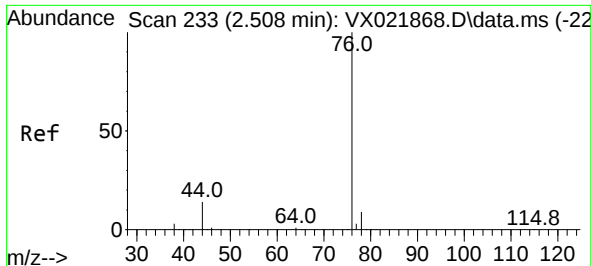
Tgt Ion: 56 Resp: 355  
Ion Ratio Lower Upper  
56 100  
55 67.9 56.4 84.6



#16  
Acetone  
Concen: 1.65 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

Tgt Ion: 43 Resp: 953  
Ion Ratio Lower Upper  
43 100  
58 31.1 27.8 41.8

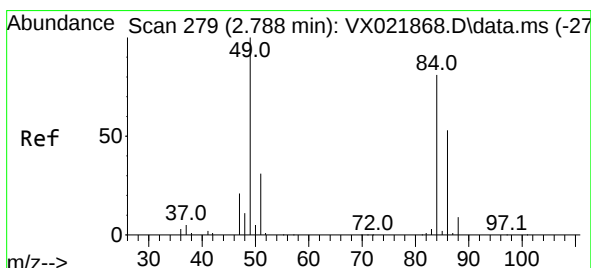
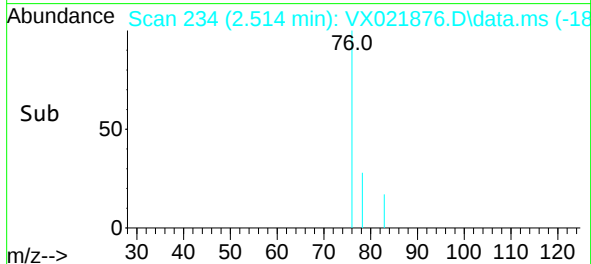
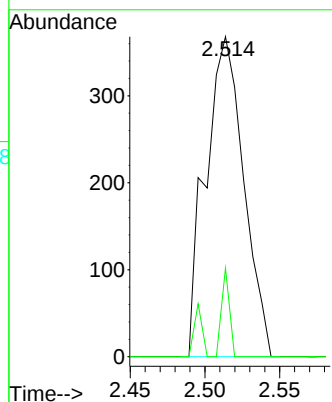
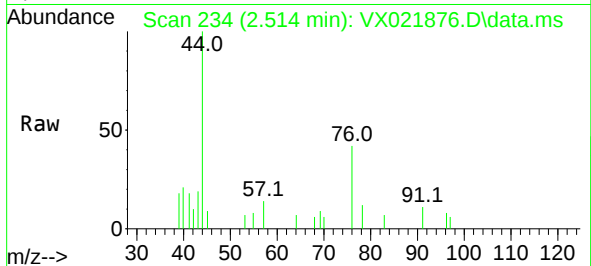




#17  
Carbon Disulfide  
Concen: 0.22 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.006 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

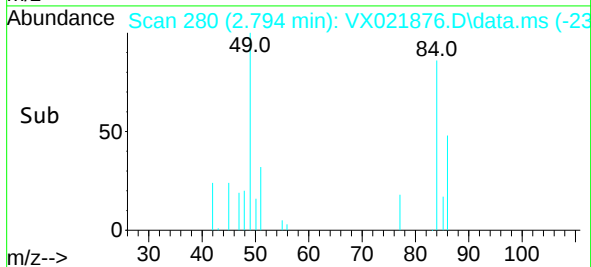
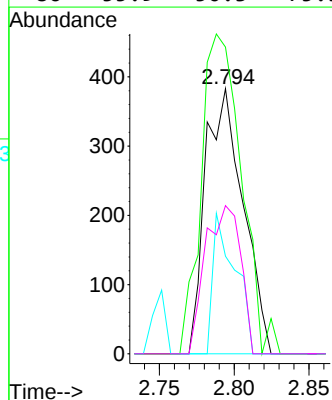
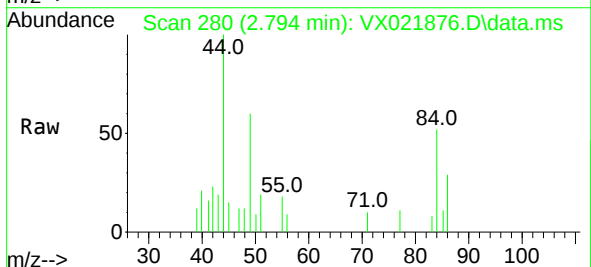
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

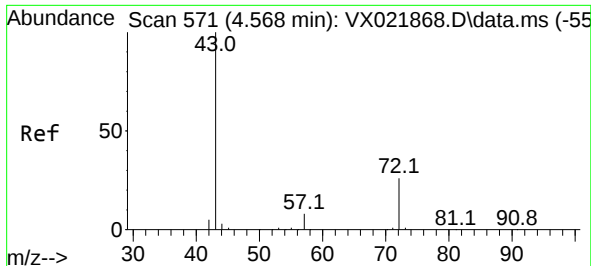
Tgt Ion: 76 Resp: 652  
Ion Ratio Lower Upper  
76 100  
78 27.7 7.2 10.8#



#20  
Methylene Chloride  
Concen: 0.71 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

Tgt Ion: 84 Resp: 672  
Ion Ratio Lower Upper  
84 100  
49 115.7 88.6 132.8  
51 36.8 27.0 40.6  
86 55.9 50.3 75.5

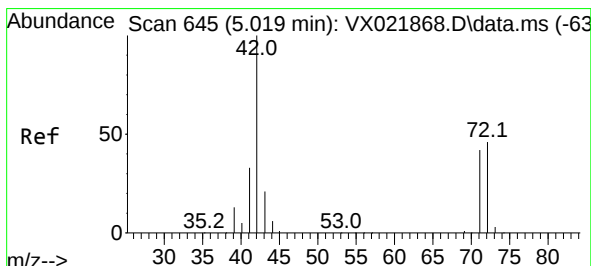
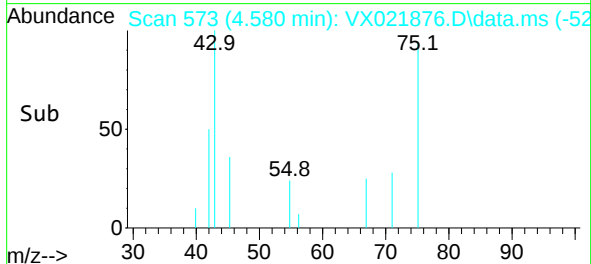
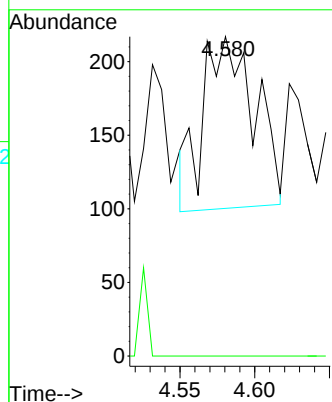
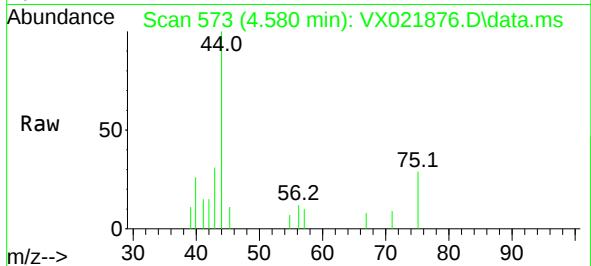




#25  
2-Butanone  
Concen: 0.28 ug/l  
RT: 4.580 min Scan# 573  
Delta R.T. 0.012 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

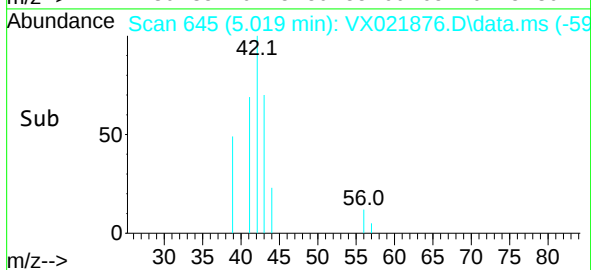
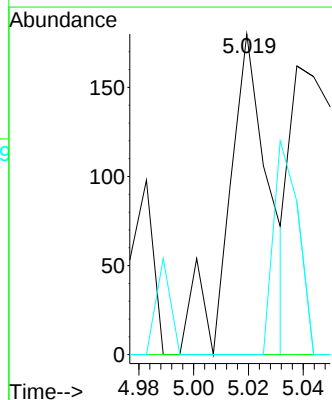
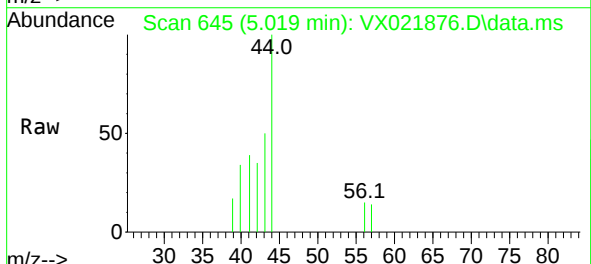
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

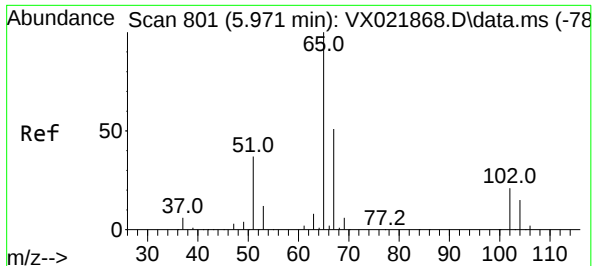
Tgt Ion: 43 Resp: 282  
Ion Ratio Lower Upper  
43 100  
72 0.0 23.7 35.5#



#29  
Tetrahydrofuran  
Concen: 0.31 ug/l  
RT: 5.019 min Scan# 645  
Delta R.T. 0.000 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

Tgt Ion: 42 Resp: 185  
Ion Ratio Lower Upper  
42 100  
72 0.0 41.7 62.5#  
71 0.0 38.4 57.6#





#33

1,2-Dichloroethane-d4

Concen: 48.43 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX021876.D

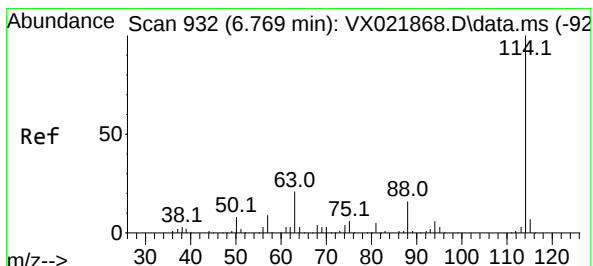
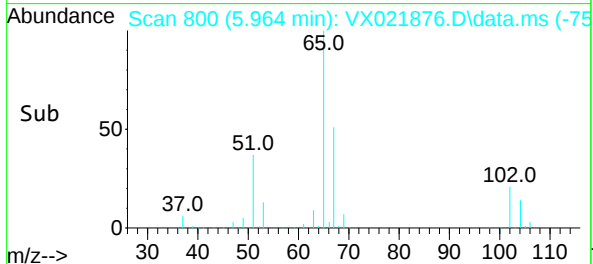
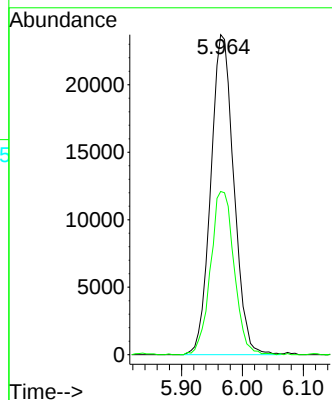
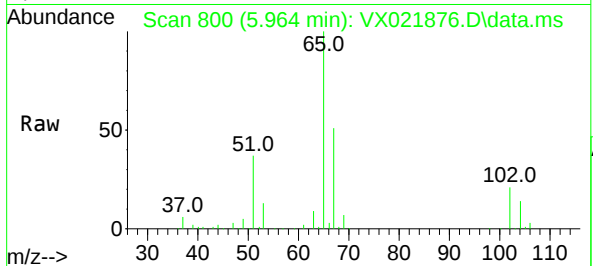
Acq: 07 May 2021 15:32

Tgt Ion: 65 Resp: 62228

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX021876.D

Acq: 07 May 2021 15:32

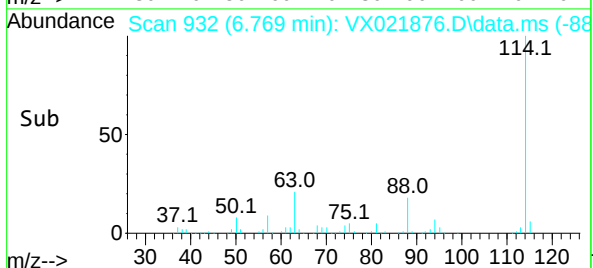
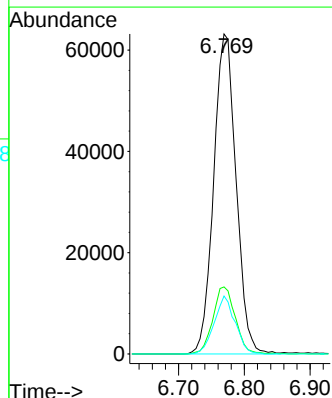
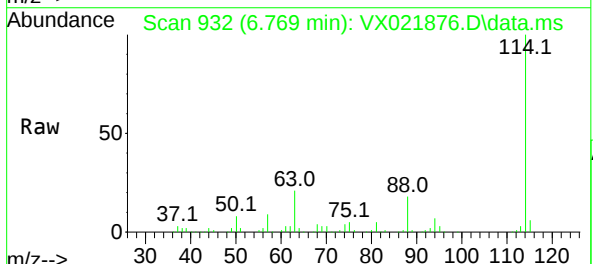
Tgt Ion: 114 Resp: 149961

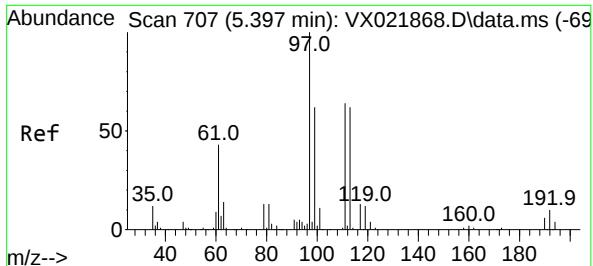
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 18.1 0.0 32.8

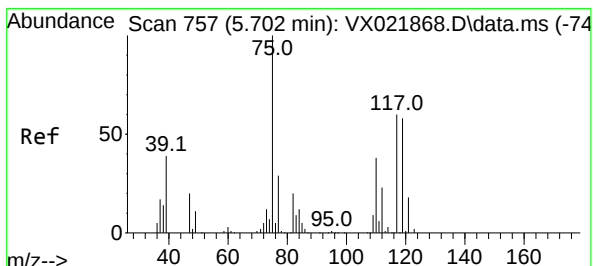
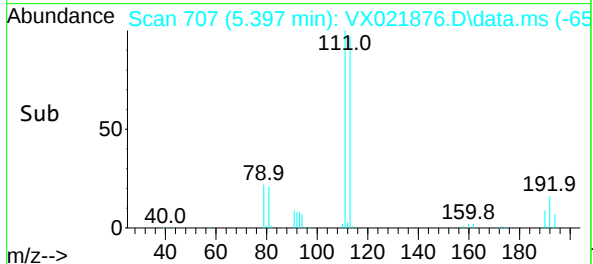
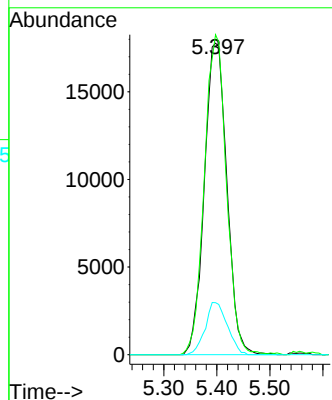
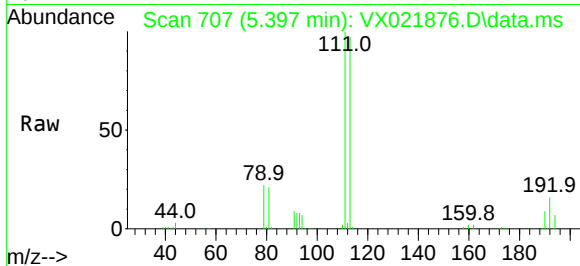




#35  
Dibromofluoromethane  
Concen: 51.22 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

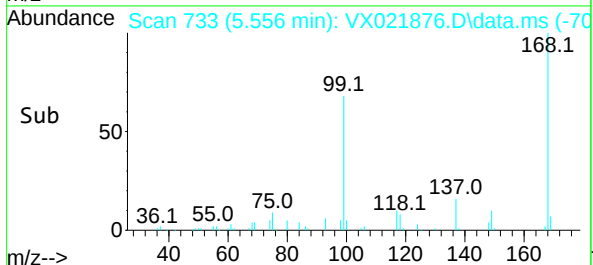
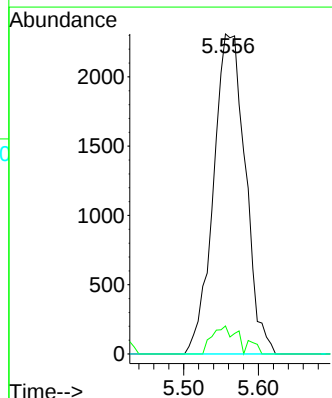
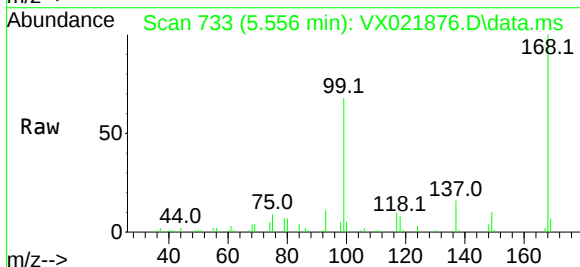
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

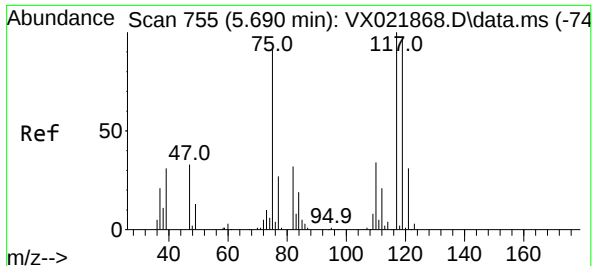
Tgt Ion:113 Resp: 52639  
Ion Ratio Lower Upper  
113 100  
111 100.4 81.9 122.9  
192 16.4 16.7 25.1#



#36  
1,1-Dichloropropene  
Concen: 4.31 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.146 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

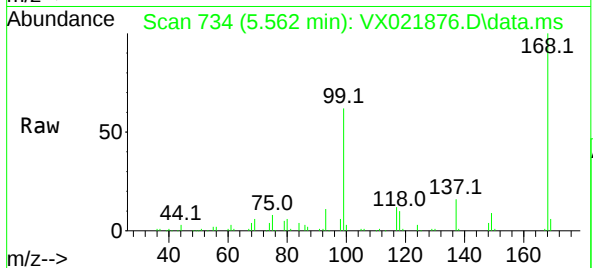
Tgt Ion: 75 Resp: 6858  
Ion Ratio Lower Upper  
75 100  
110 6.5 18.1 54.4#  
77 0.0 25.3 37.9#



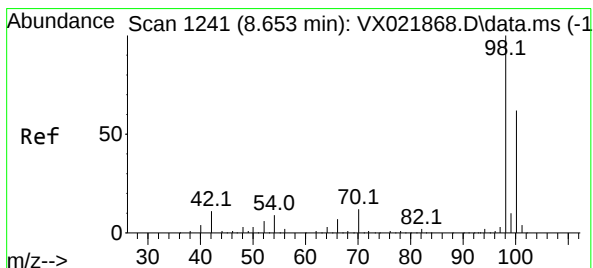
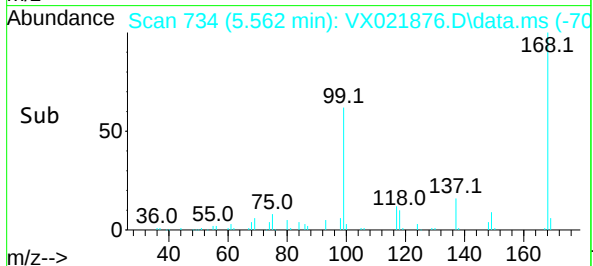
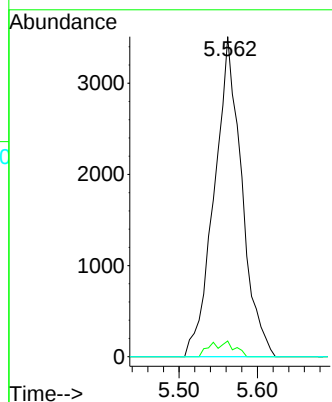


#38  
Carbon Tetrachloride  
Concen: 5.38 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.128 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

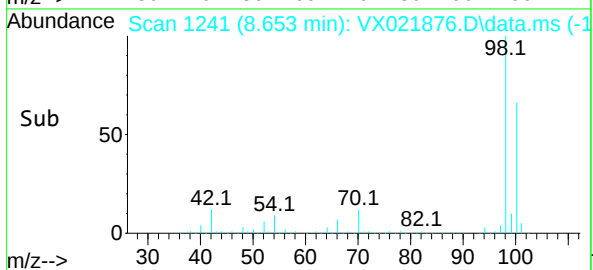
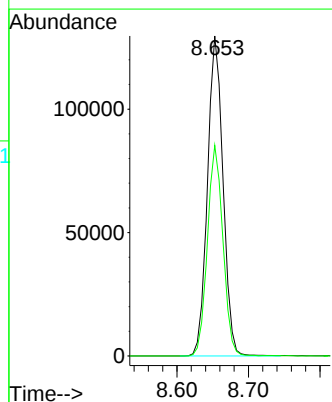
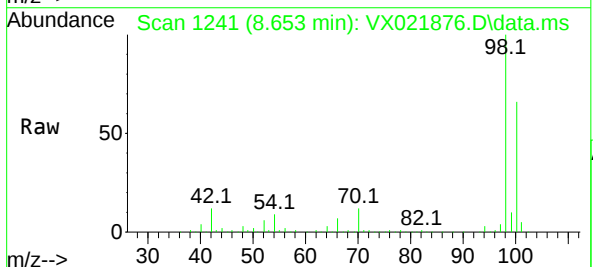


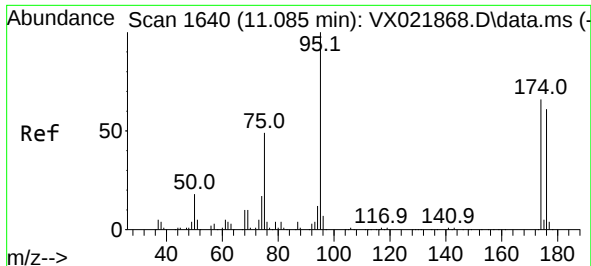
Tgt Ion:117 Resp: 8559  
Ion Ratio Lower Upper  
117 100  
119 4.9 76.2 114.2#  
121 0.0 24.8 37.2#



#50  
Toluene-d8  
Concen: 49.95 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

Tgt Ion: 98 Resp: 195892  
Ion Ratio Lower Upper  
98 100  
100 65.6 51.9 77.9

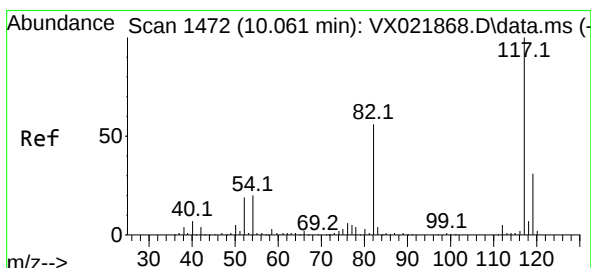
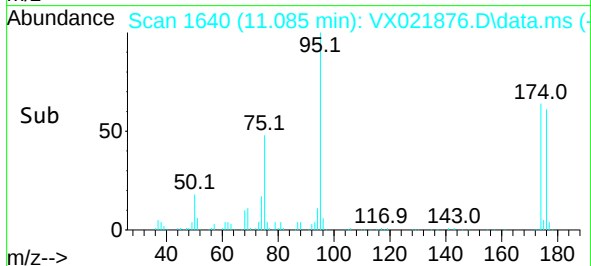
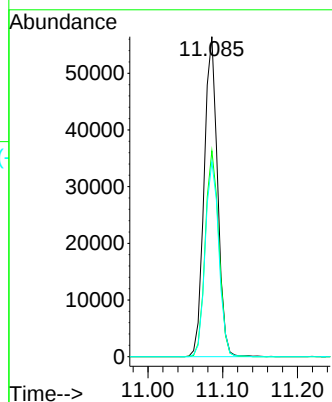
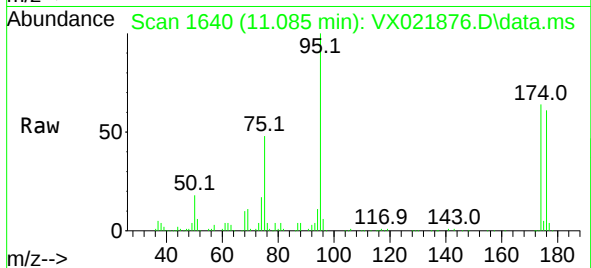




#62  
4-Bromofluorobenzene  
Concen: 45.57 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

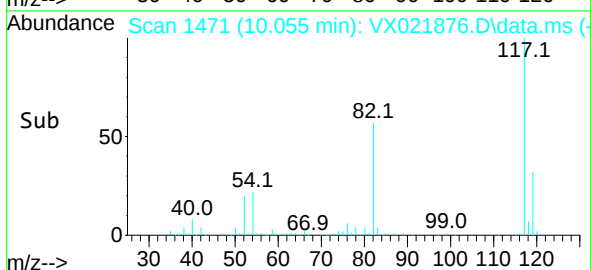
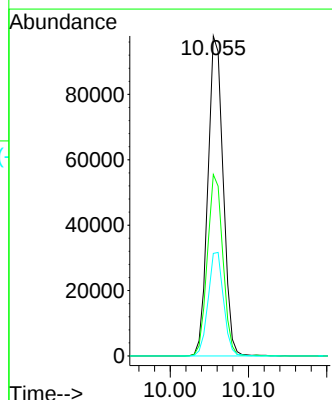
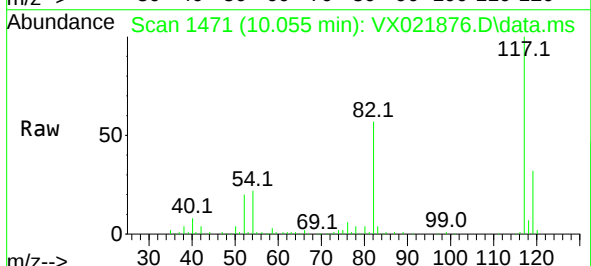
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

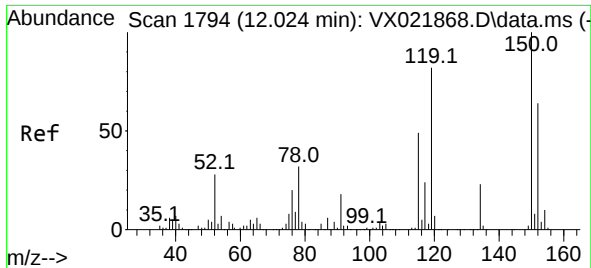
Tgt Ion: 95 Resp: 70532  
Ion Ratio Lower Upper  
95 100  
174 64.9 0.0 154.6  
176 61.9 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX021876.D  
Acq: 07 May 2021 15:32

Tgt Ion: 117 Resp: 132185  
Ion Ratio Lower Upper  
117 100  
82 56.7 47.4 71.2  
119 32.1 26.6 39.8

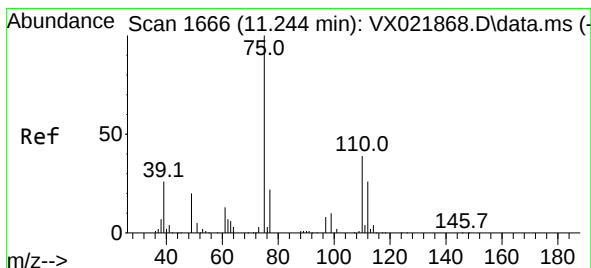
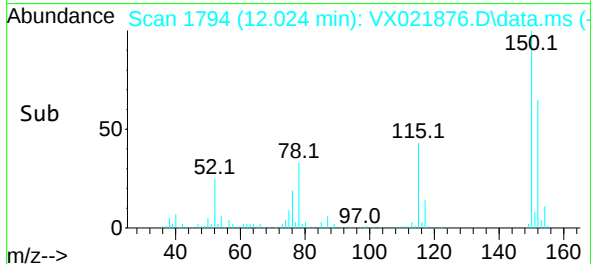
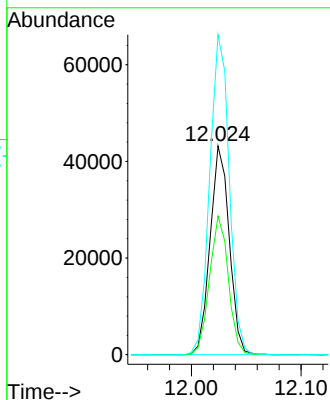
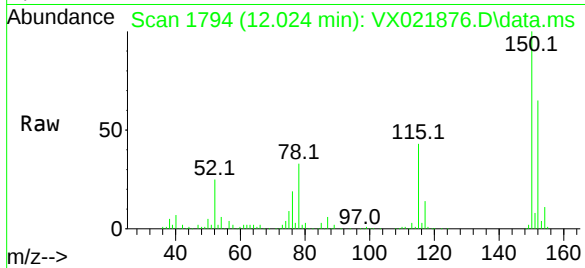




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX021876.D  
 Acq: 07 May 2021 15:32

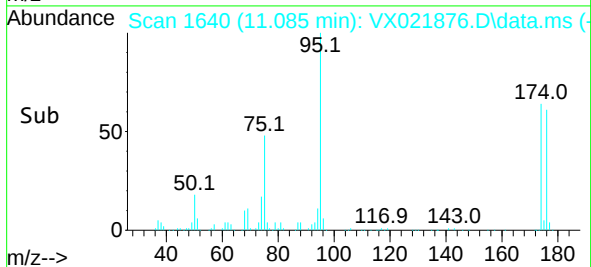
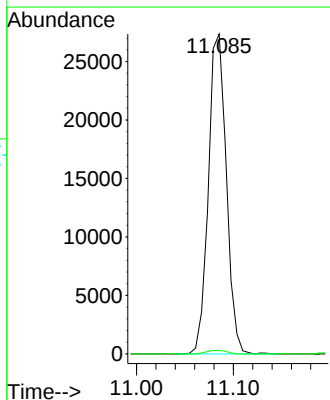
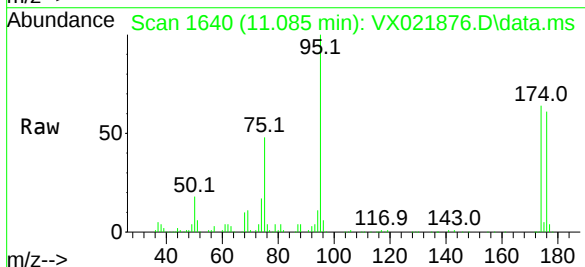
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-5

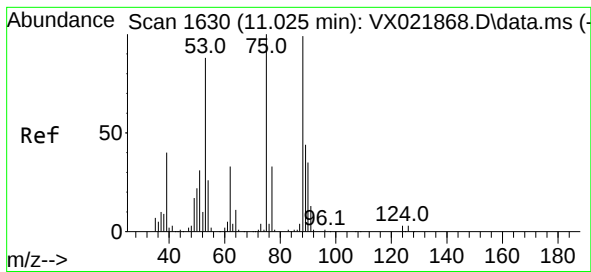
Tgt Ion:152 Resp: 52504  
 Ion Ratio Lower Upper  
 152 100  
 115 65.1 41.1 123.3  
 150 156.2 0.0 349.0



#76  
 1,2,3-Trichloropropane  
 Concen: 23.63 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. -0.159 min  
 Lab File: VX021876.D  
 Acq: 07 May 2021 15:32

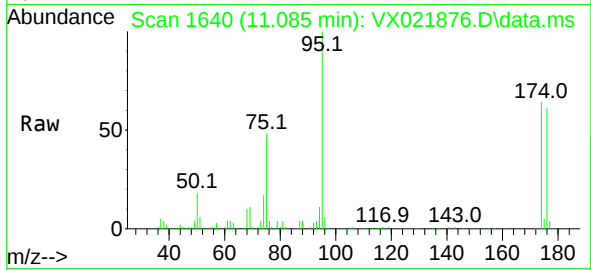
Tgt Ion: 75 Resp: 35279  
 Ion Ratio Lower Upper  
 75 100  
 77 1.3 19.1 57.5#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 54.82 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. 0.060 min  
 Lab File: VX021876.D  
 Acq: 07 May 2021 15:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-5



Tgt Ion: 75 Resp: 35279  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 74.5 111.7#  
 89 0.0 37.9 56.9#

