

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091521\  
 Data File : VX024272.D  
 Acq On : 15 Sep 2021 19:46  
 Operator : JC/MD  
 Sample : M3708-02RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 16 04:48:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 14 12:18:04 2021  
 Response via : Initial Calibration

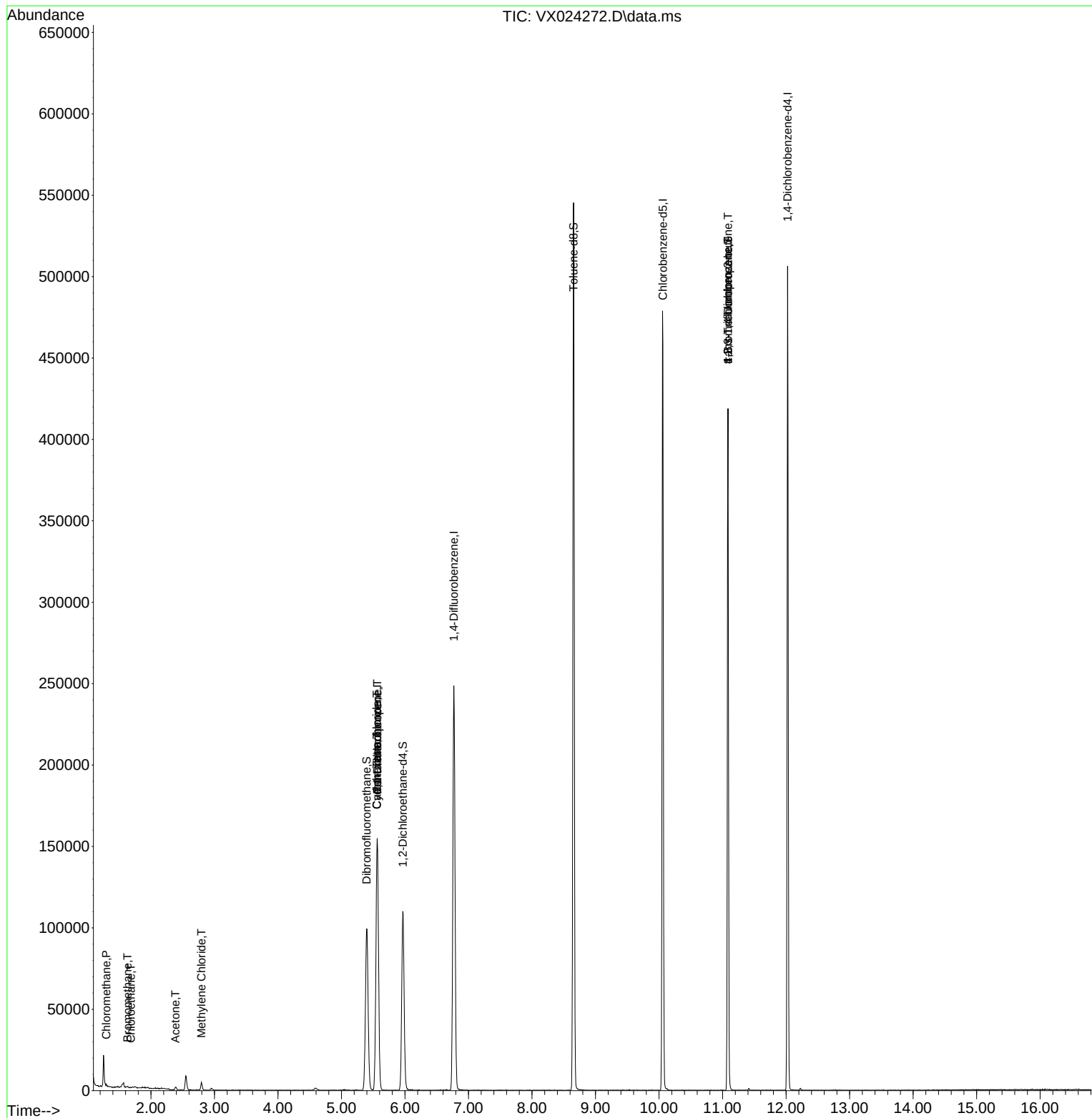
| Compound                      | R.T.           | QIon | Response            | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|-----------|--------|----------|
| -----                         |                |      |                     |           |        |          |
| Internal Standards            |                |      |                     |           |        |          |
| 1) Pentafluorobenzene         | 5.562          | 168  | 143704              | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.769          | 114  | 249027              | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.061         | 117  | 210887              | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 101368              | 50.000    | ug/l   | 0.00     |
|                               |                |      |                     |           |        |          |
| System Monitoring Compounds   |                |      |                     |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964          | 65   | 111204              | 54.268    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = 108.540% |           |        |          |
| 35) Dibromofluoromethane      | 5.397          | 113  | 85006               | 50.899    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 101.800% |           |        |          |
| 50) Toluene-d8                | 8.653          | 98   | 308417              | 50.693    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = 101.380% |           |        |          |
| 62) 4-Bromofluorobenzene      | 11.085         | 95   | 102304              | 43.208    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = 86.420%  |           |        |          |
|                               |                |      |                     |           |        |          |
| Target Compounds              |                |      |                     |           |        | Qvalue   |
| 3) Chloromethane              | 1.295          | 50   | 603                 | 0.418     | ug/l # | 74       |
| 5) Bromomethane               | 1.630          | 94   | 493                 | 0.577     | ug/l # | 57       |
| 6) Chloroethane               | 1.685          | 64   | 357                 | 2.294     | ug/l # | 43       |
| 11) Tert butyl alcohol        | 2.947          | 59   | 891                 | Below Cal | #      | 73       |
| 16) Acetone                   | 2.386          | 43   | 2202                | 2.520     | ug/l # | 87       |
| 20) Methylene Chloride        | 2.794          | 84   | 1857                | 1.107     | ug/l # | 85       |
| 31) Cyclohexane               | 5.556          | 56   | 3326                | 1.388     | ug/l # | 37       |
| 36) 1,1-Dichloropropene       | 5.562          | 75   | 11549               | 5.044     | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.556          | 117  | 14867               | 5.769     | ug/l # | 15       |
| 76) 1,2,3-Trichloropropane    | 11.085         | 75   | 55258               | 23.707    | ug/l # | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.085         | 75   | 55258               | 69.723    | ug/l # | 12       |
| -----                         |                |      |                     |           |        |          |

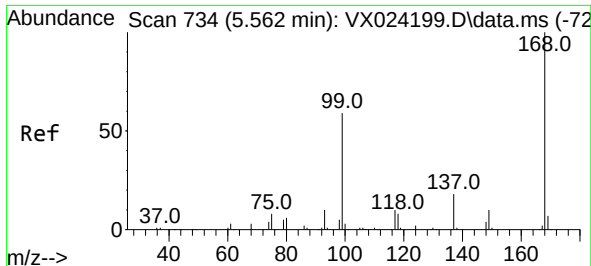
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX091521\  
Data File : VX024272.D  
Acq On : 15 Sep 2021 19:46  
Operator : JC/MD  
Sample : M3708-02RE  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 16 04:48:20 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 14 12:18:04 2021  
Response via : Initial Calibration

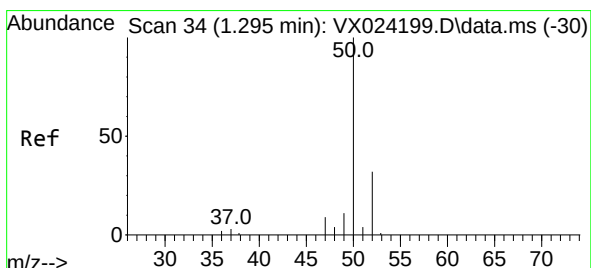
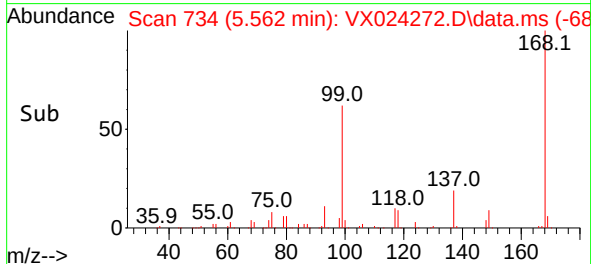
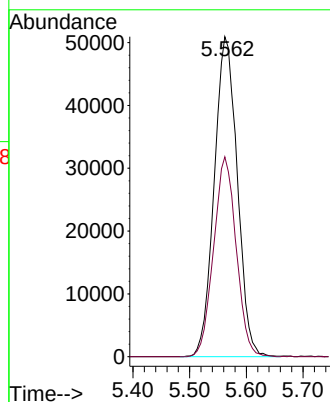
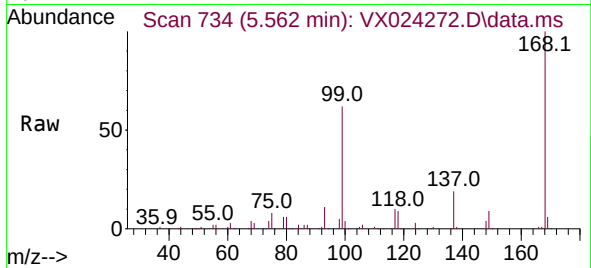




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX024272.D  
Acq: 15 Sep 2021 19:46

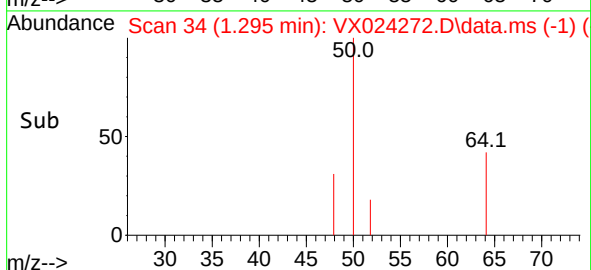
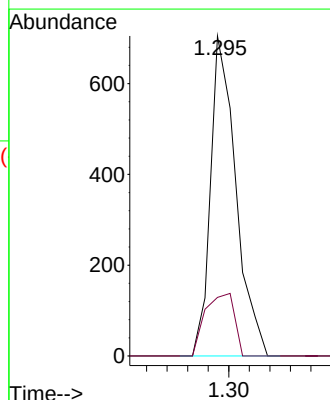
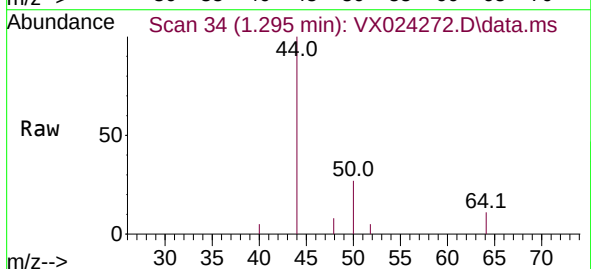
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

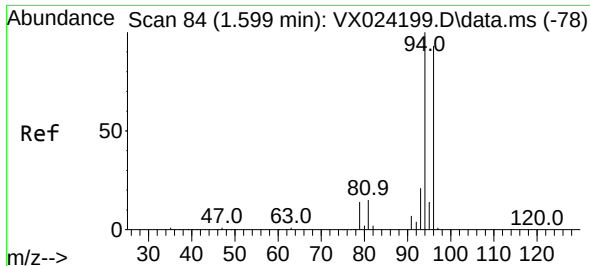
Tgt Ion:168 Resp: 143704  
Ion Ratio Lower Upper  
168 100  
99 62.5 45.8 68.6



#3  
Chloromethane  
Concen: 0.418 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX024272.D  
Acq: 15 Sep 2021 19:46

Tgt Ion: 50 Resp: 603  
Ion Ratio Lower Upper  
50 100  
52 18.3 26.4 39.6#

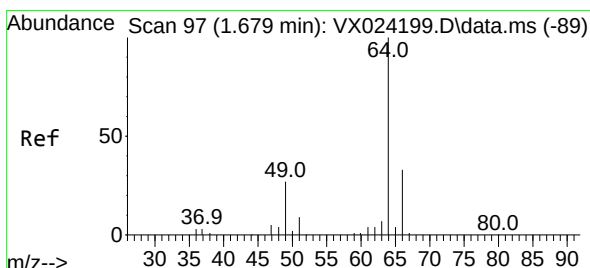
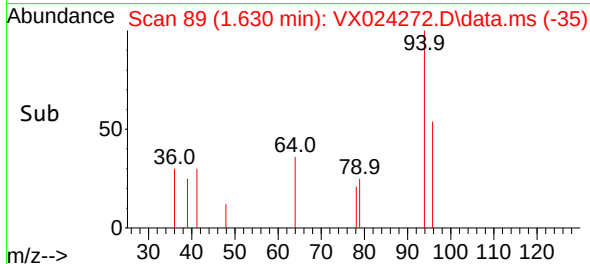
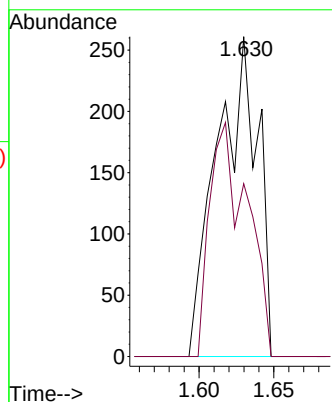
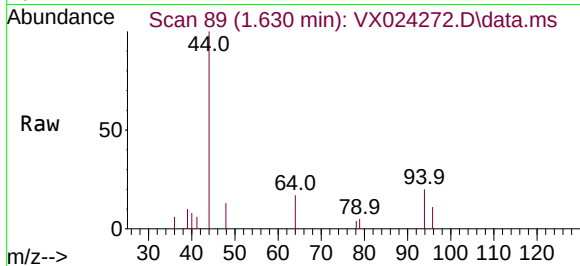




#5  
Bromomethane  
Concen: 0.577 ug/l  
RT: 1.630 min Scan# 89  
Delta R.T. 0.031 min  
Lab File: VX024272.D  
Acq: 15 Sep 2021 19:46

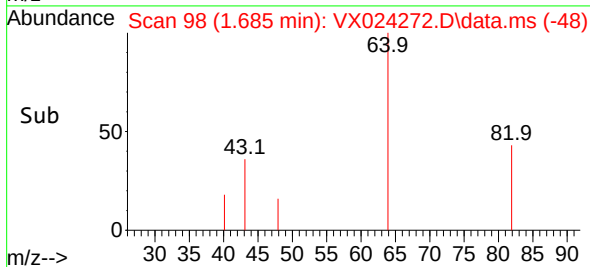
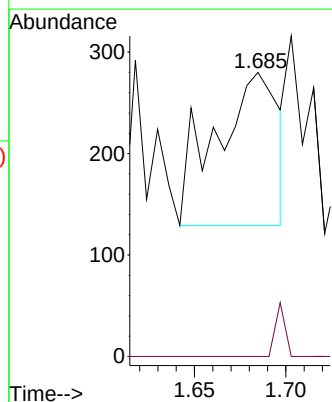
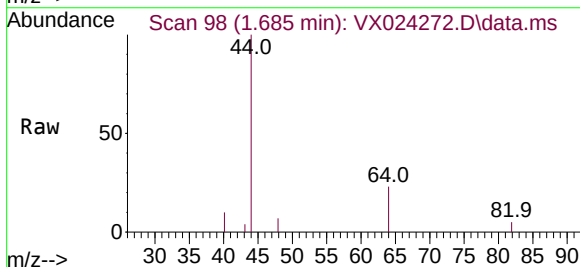
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

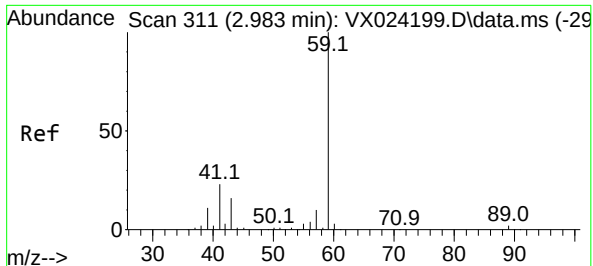
Tgt Ion: 94 Resp: 493  
Ion Ratio Lower Upper  
94 100  
96 54.0 76.4 114.6#



#6  
Chloroethane  
Concen: 2.294 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.006 min  
Lab File: VX024272.D  
Acq: 15 Sep 2021 19:46

Tgt Ion: 64 Resp: 357  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.4 38.0#



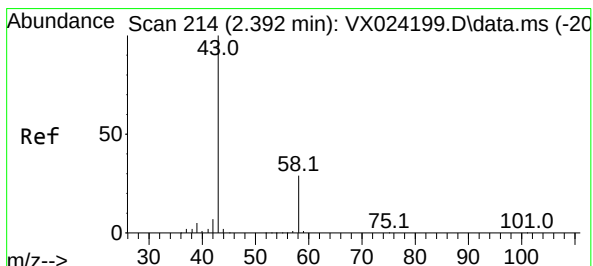
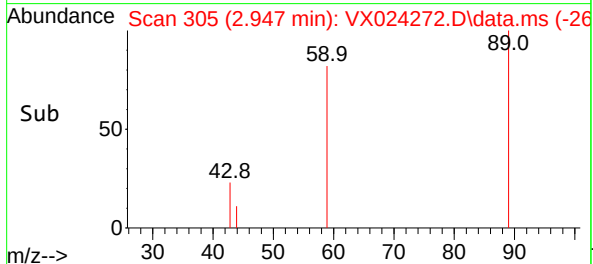
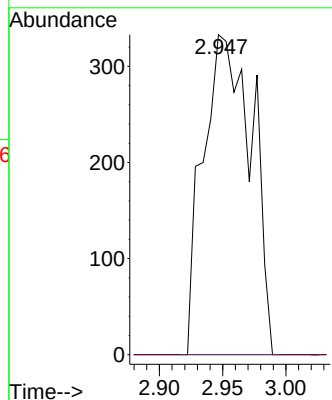
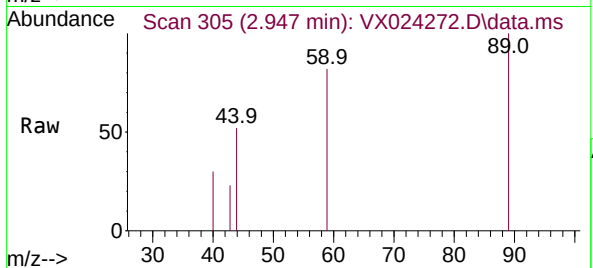


#11

Tert butyl alcohol  
Concen: Below Cal  
RT: 2.947 min Scan# 305  
Delta R.T. -0.036 min  
Lab File: VX024272.D  
Acq: 15 Sep 2021 19:46

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

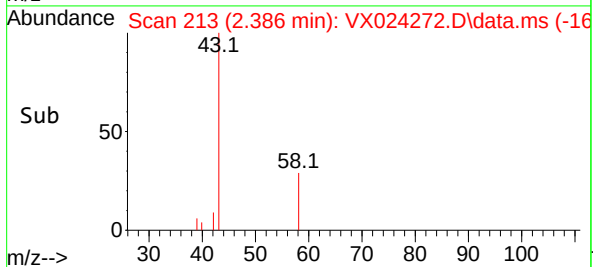
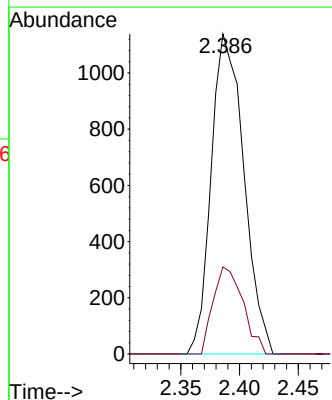
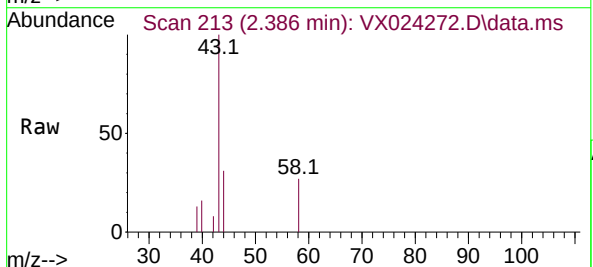
Tgt Ion: 59 Resp: 891  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#

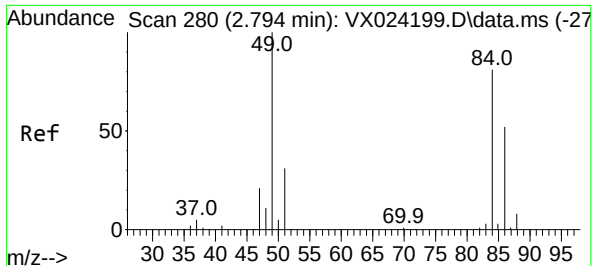


#16

Acetone  
Concen: 2.520 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX024272.D  
Acq: 15 Sep 2021 19:46

Tgt Ion: 43 Resp: 2202  
Ion Ratio Lower Upper  
43 100  
58 27.2 27.8 41.8#

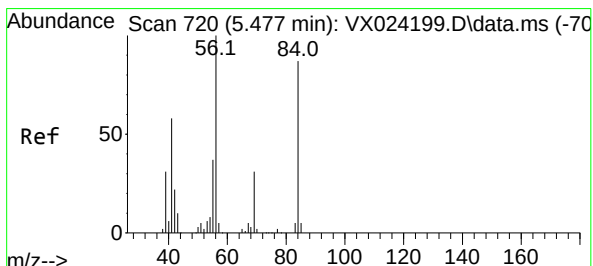
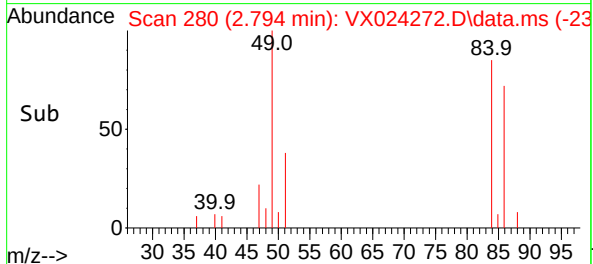
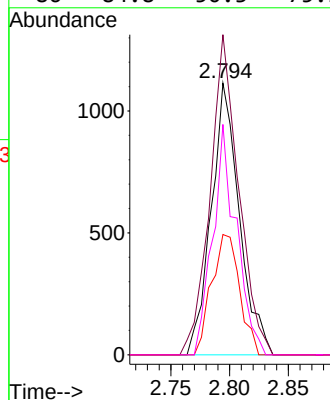
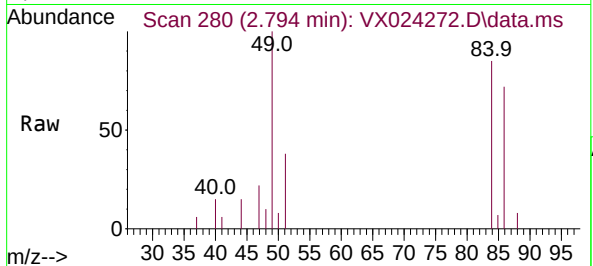




#20  
Methylene Chloride  
Concen: 1.107 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX024272.D  
Acq: 15 Sep 2021 19:46

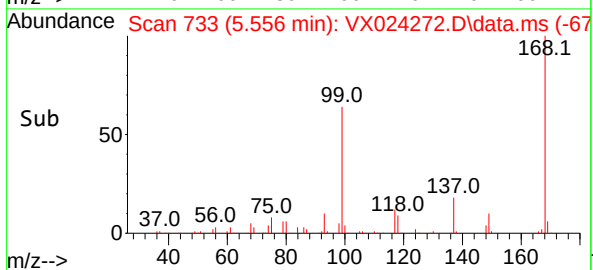
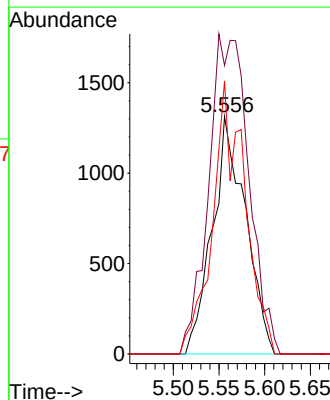
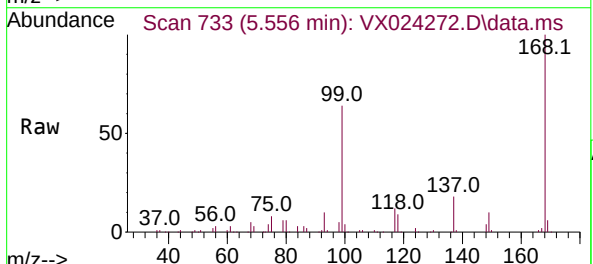
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

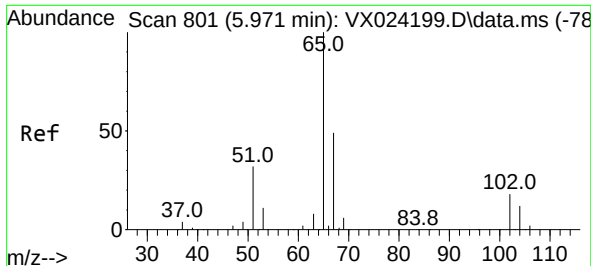
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 1857  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 117.9 | 88.6  | 132.8 |
| 51       | 44.3  | 27.0  | 40.6# |
| 86       | 84.8  | 50.3  | 75.5# |



#31  
Cyclohexane  
Concen: 1.388 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.079 min  
Lab File: VX024272.D  
Acq: 15 Sep 2021 19:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 3326   |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 121.6 | 25.3  | 37.9#  |
| 84       | 114.9 | 71.4  | 107.0# |

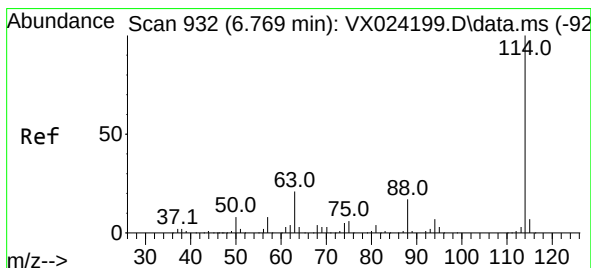
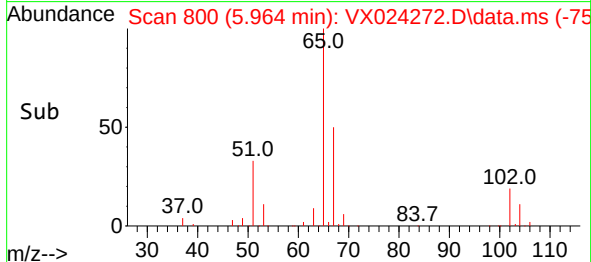
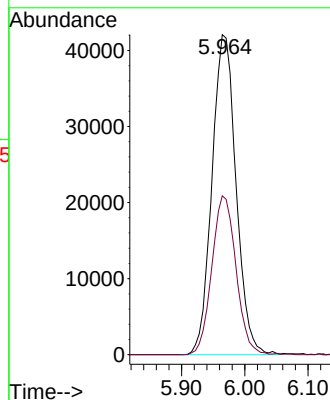
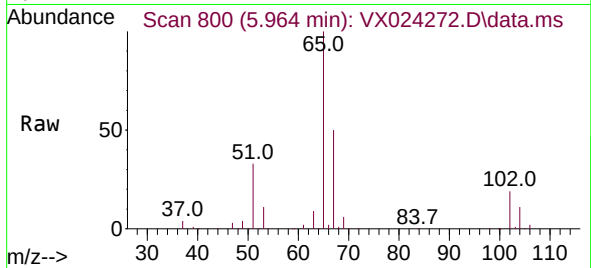




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.268 ug/l  
 RT: 5.964 min Scan# 800  
 Delta R.T. -0.007 min  
 Lab File: VX024272.D  
 Acq: 15 Sep 2021 19:46

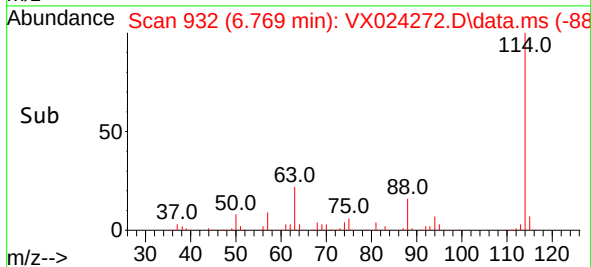
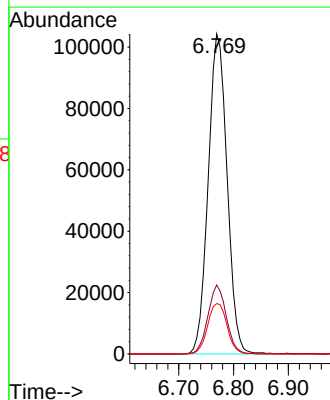
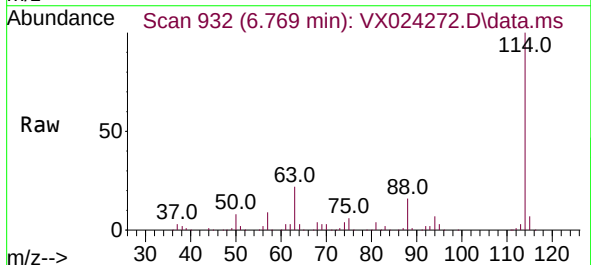
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-5

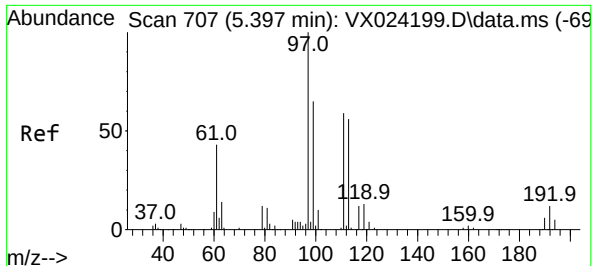
Tgt Ion: 65 Resp: 111204  
 Ion Ratio Lower Upper  
 65 100  
 67 49.7 0.0 105.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 932  
 Delta R.T. 0.000 min  
 Lab File: VX024272.D  
 Acq: 15 Sep 2021 19:46

Tgt Ion: 114 Resp: 249027  
 Ion Ratio Lower Upper  
 114 100  
 63 21.6 0.0 40.8  
 88 15.8 0.0 32.8

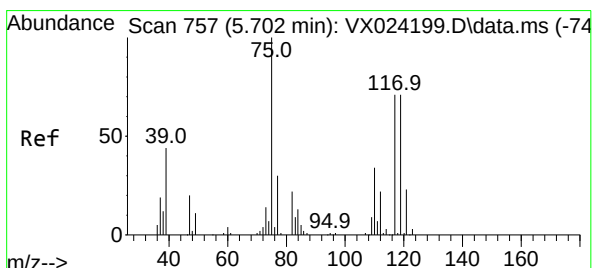
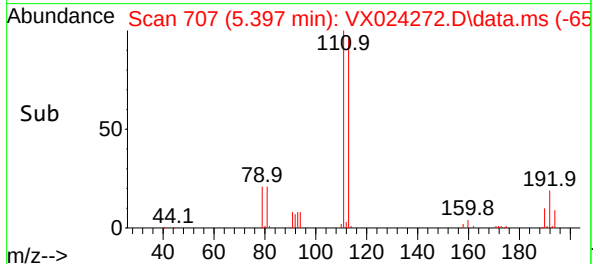
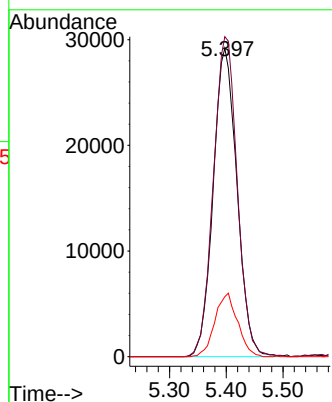
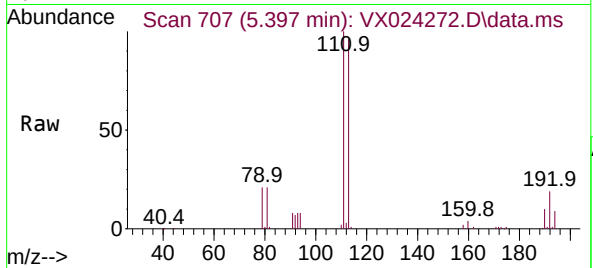




#35  
Dibromofluoromethane  
Concen: 50.899 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024272.D  
Acq: 15 Sep 2021 19:46

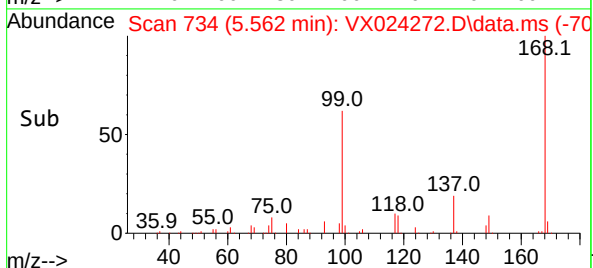
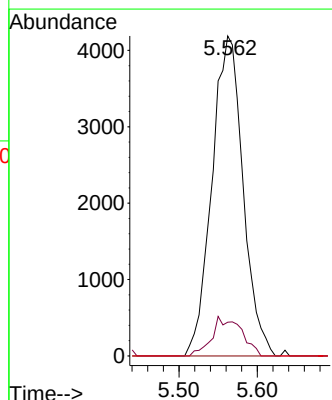
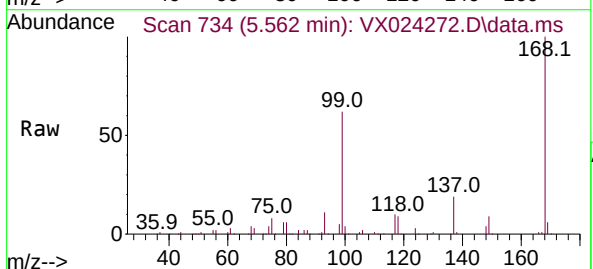
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Tgt Ion:113 Resp: 85006  
Ion Ratio Lower Upper  
113 100  
111 104.5 81.9 122.9  
192 19.7 16.7 25.1

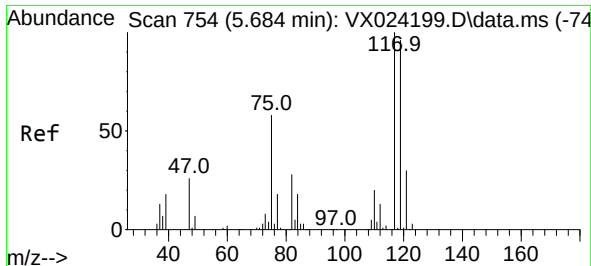


#36  
1,1-Dichloropropene  
Concen: 5.044 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.140 min  
Lab File: VX024272.D  
Acq: 15 Sep 2021 19:46

Tgt Ion: 75 Resp: 11549  
Ion Ratio Lower Upper  
75 100  
110 11.6 18.1 54.4#  
77 0.0 25.3 37.9#



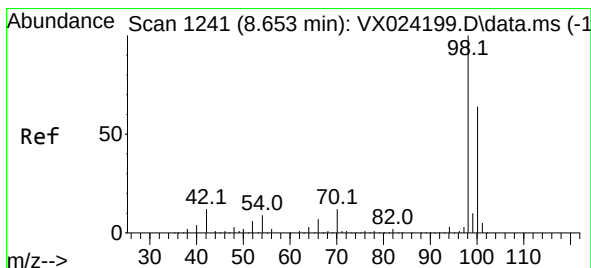
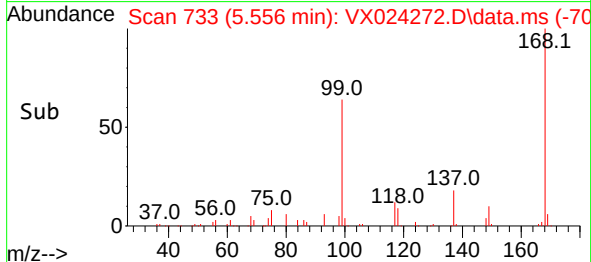
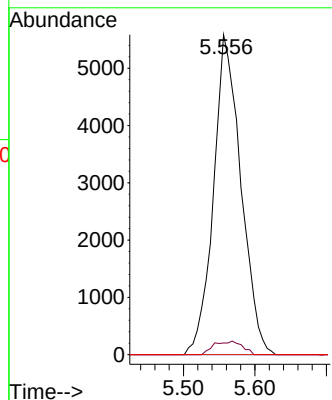
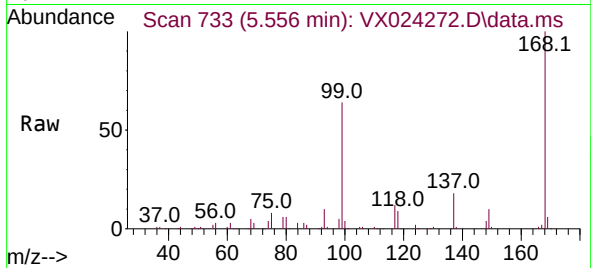




#38  
Carbon Tetrachloride  
Concen: 5.769 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.128 min  
Lab File: VX024272.D  
Acq: 15 Sep 2021 19:46

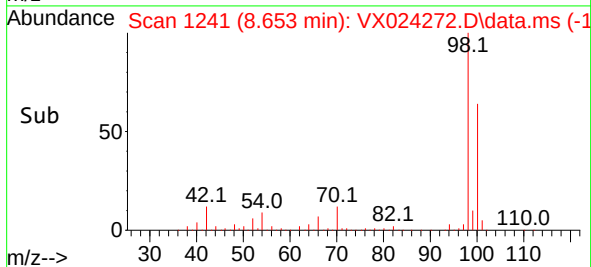
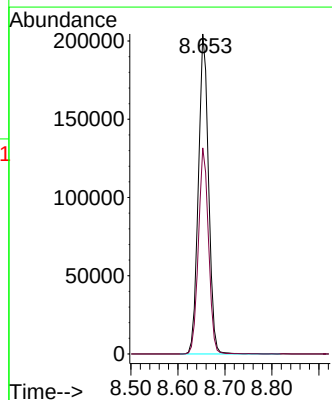
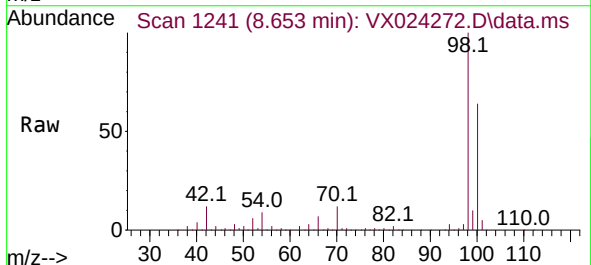
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

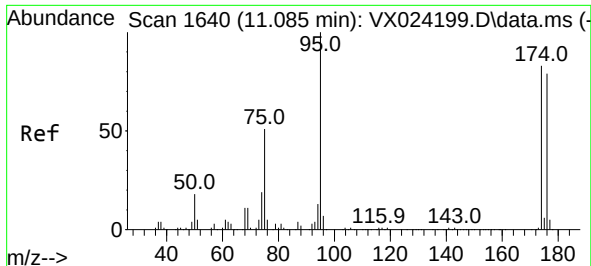
Tgt Ion:117 Resp: 14867  
Ion Ratio Lower Upper  
117 100  
119 3.6 76.2 114.2#  
121 0.0 24.8 37.2#



#50  
Toluene-d8  
Concen: 50.693 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024272.D  
Acq: 15 Sep 2021 19:46

Tgt Ion: 98 Resp: 308417  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.9 77.9

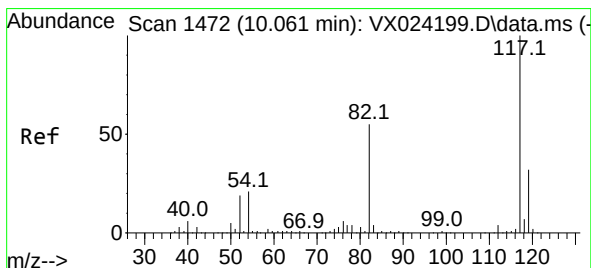
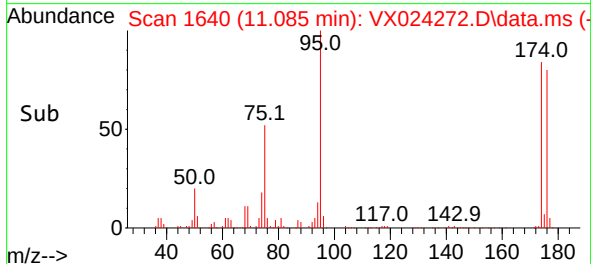
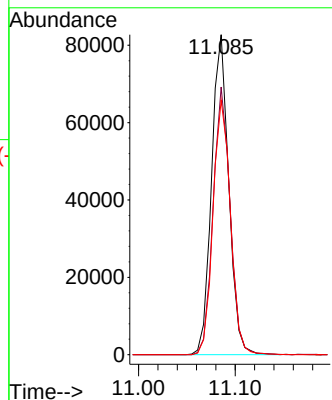
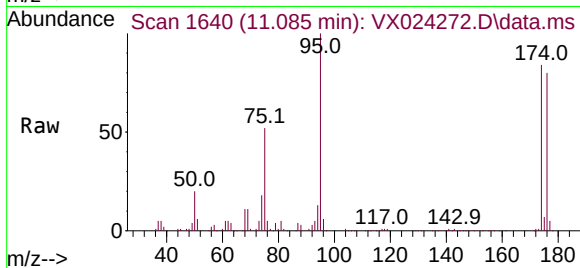




#62  
4-Bromofluorobenzene  
Concen: 43.208 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024272.D  
Acq: 15 Sep 2021 19:46

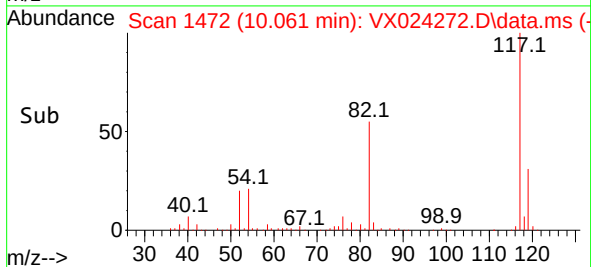
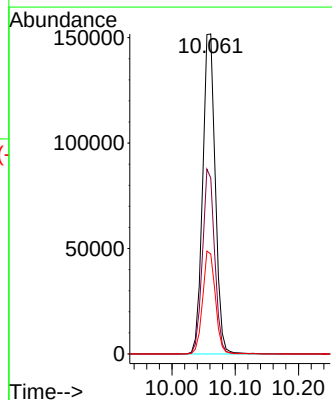
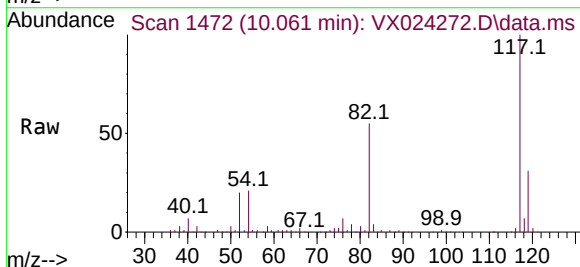
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

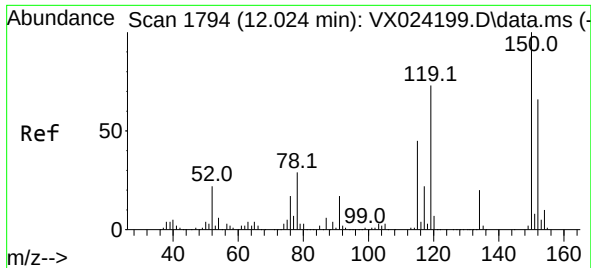
Tgt Ion: 95 Resp: 102304  
Ion Ratio Lower Upper  
95 100  
174 82.7 0.0 154.6  
176 80.6 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VX024272.D  
Acq: 15 Sep 2021 19:46

Tgt Ion: 117 Resp: 210887  
Ion Ratio Lower Upper  
117 100  
82 55.0 47.4 71.2  
119 31.3 26.6 39.8

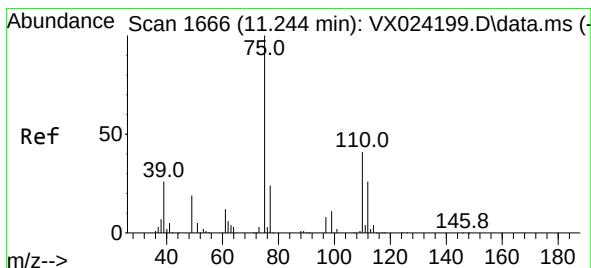
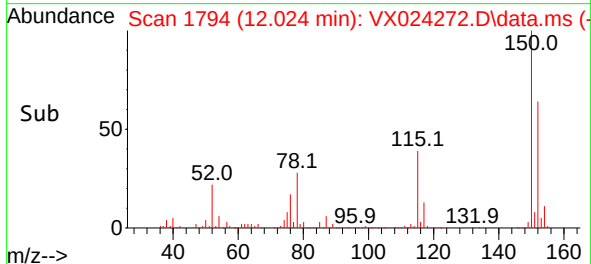
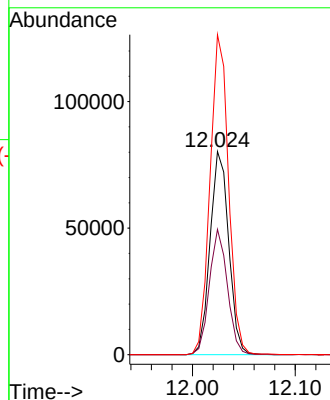
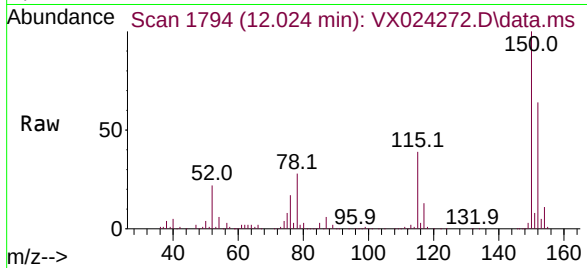




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX024272.D  
 Acq: 15 Sep 2021 19:46

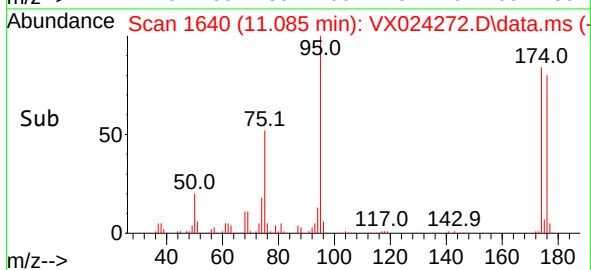
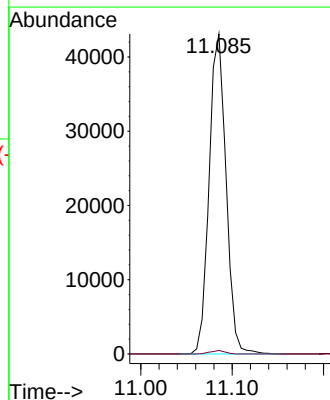
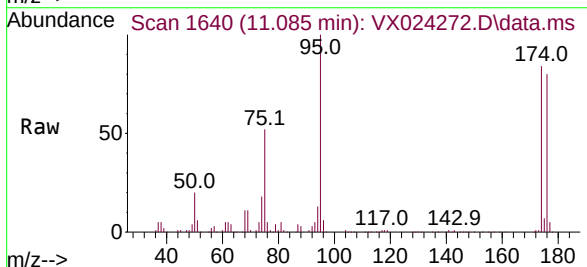
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-5

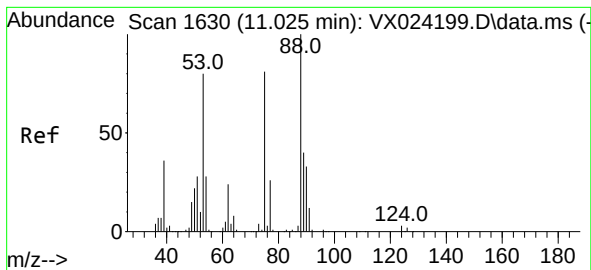
Tgt Ion:152 Resp: 101368  
 Ion Ratio Lower Upper  
 152 100  
 115 59.9 41.1 123.3  
 150 156.2 0.0 349.0



#76  
 1,2,3-Trichloropropane  
 Concen: 23.707 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. -0.159 min  
 Lab File: VX024272.D  
 Acq: 15 Sep 2021 19:46

Tgt Ion: 75 Resp: 55258  
 Ion Ratio Lower Upper  
 75 100  
 77 1.0 19.1 57.5#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 69.723 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. 0.060 min  
 Lab File: VX024272.D  
 Acq: 15 Sep 2021 19:46

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

Tgt Ion: 75 Resp: 55258  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 74.5 111.7#  
 89 0.1 37.9 56.9#

