

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042021\  
 Data File : VX021764.D  
 Acq On : 20 Apr 2021 19:28  
 Operator : JC/MD  
 Sample : M2064-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-4

Quant Time: Apr 21 11:23:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042021W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 20 13:46:22 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 5.629  | 168  | 153198   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.830  | 114  | 253465   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.092 | 117  | 219090   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.061 | 152  | 94724    | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 6.031  | 65    | 87277    | 50.22    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 100.44% |
| 35) Dibromofluoromethane    | 5.464  | 113   | 80237    | 49.50    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.00%  |
| 50) Toluene-d8              | 8.695  | 98    | 299654   | 48.08    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 96.16%  |
| 62) 4-Bromofluorobenzene    | 11.116 | 95    | 102603   | 44.08    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 88.16%  |

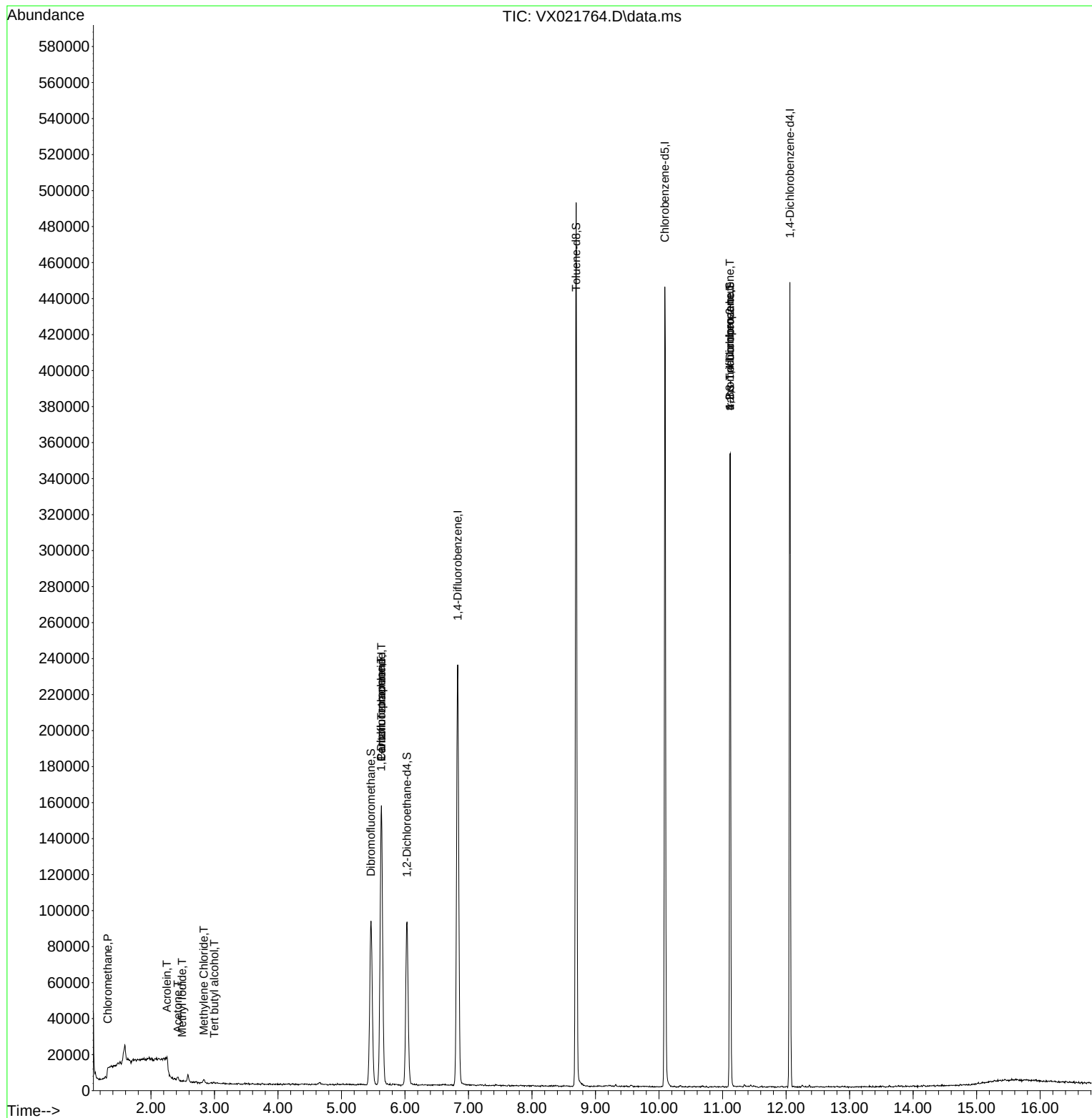
| Target Compounds              |        |     |       |       |        | Qvalue |
|-------------------------------|--------|-----|-------|-------|--------|--------|
| 3) Chloromethane              | 1.319  | 50  | 3663  | 2.18  | ug/l # | 85     |
| 10) Methyl Iodide             | 2.489  | 142 | 308   | 8.38  | ug/l # | 72     |
| 11) Tert butyl alcohol        | 2.995  | 59  | 360   | 0.95  | ug/l # | 50     |
| 13) Acrolein                  | 2.252  | 56  | 465   | 1.51  | ug/l # | 14     |
| 16) Acetone                   | 2.422  | 43  | 2265  | 3.79  | ug/l   | 91     |
| 20) Methylene Chloride        | 2.831  | 84  | 922   | 0.51  | ug/l # | 87     |
| 36) 1,1-Dichloropropene       | 5.623  | 75  | 10750 | 4.80  | ug/l # | 49     |
| 38) Carbon Tetrachloride      | 5.629  | 117 | 14504 | 5.92  | ug/l # | 17     |
| 76) 1,2,3-Trichloropropane    | 11.116 | 75  | 46859 | 24.95 | ug/l # | 39     |
| 81) trans-1,4-Dichloro-2-b... | 11.116 | 75  | 46859 | 57.36 | ug/l # | 12     |

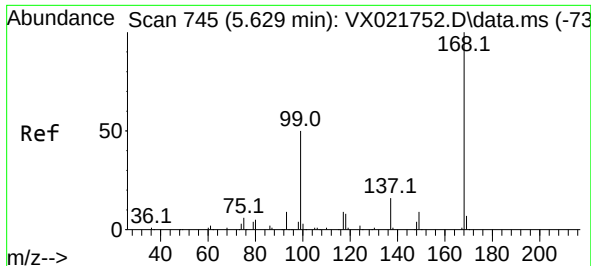
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042021\  
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Sample : M2064-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

Quant Time: Apr 21 11:23:22 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042021W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 20 13:46:22 2021  
Response via : Initial Calibration

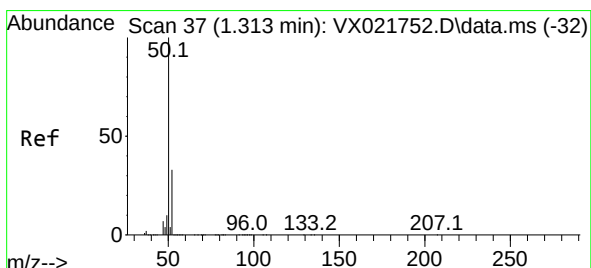
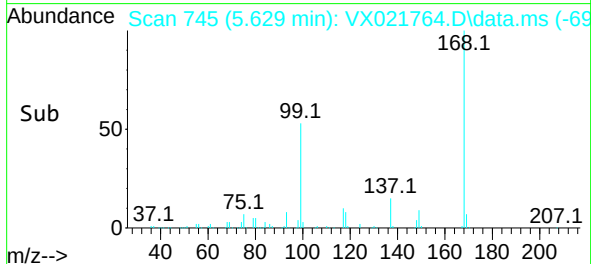
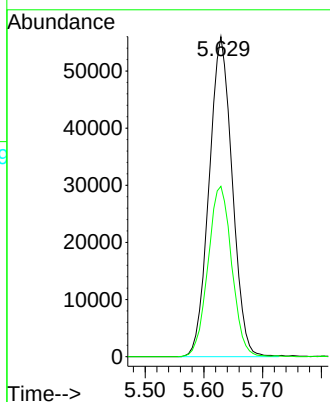
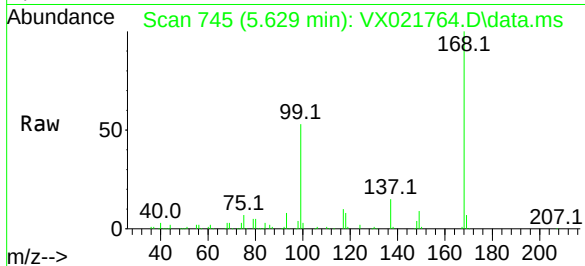




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. -0.000 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

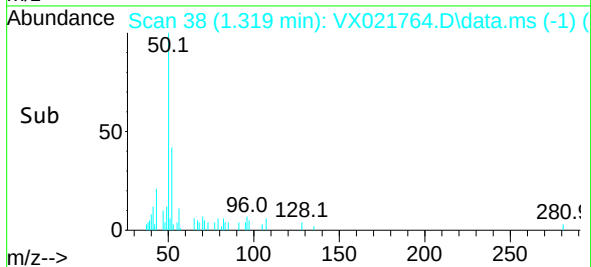
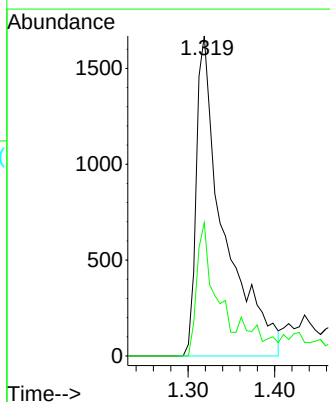
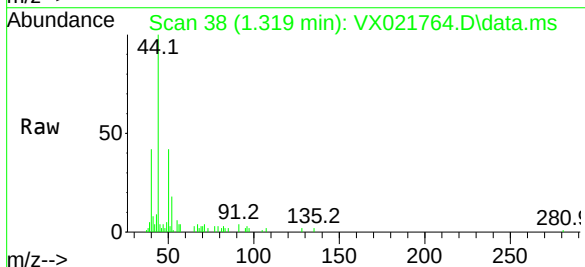
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

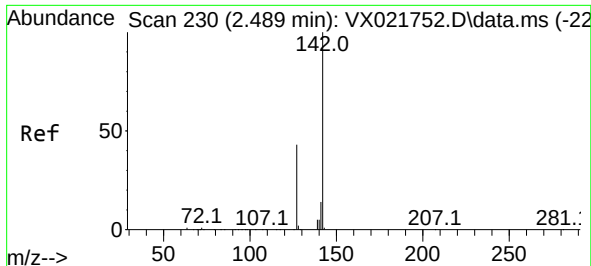
Tgt Ion:168 Resp: 153198  
Ion Ratio Lower Upper  
168 100  
99 53.3 45.8 68.6



#3  
Chloromethane  
Concen: 2.18 ug/l  
RT: 1.319 min Scan# 38  
Delta R.T. 0.006 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

Tgt Ion: 50 Resp: 3663  
Ion Ratio Lower Upper  
50 100  
52 41.6 26.4 39.6#

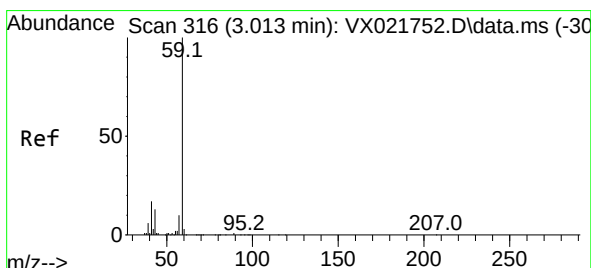
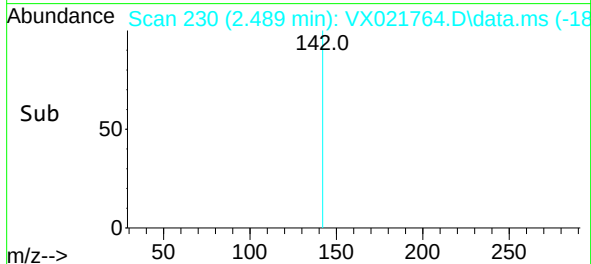
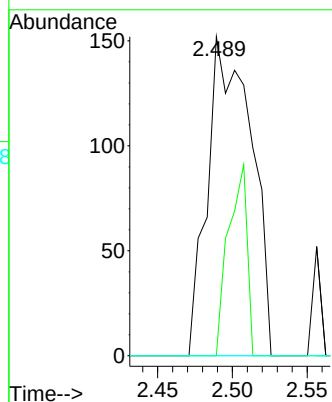
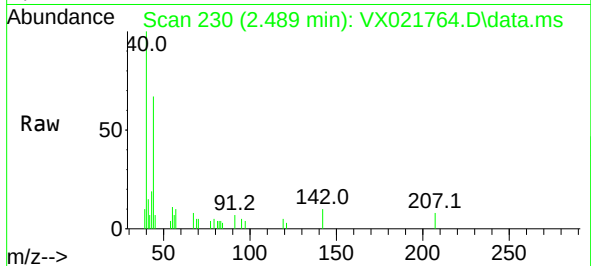




#10  
Methyl Iodide  
Concen: 8.38 ug/l  
RT: 2.489 min Scan# 230  
Delta R.T. 0.000 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

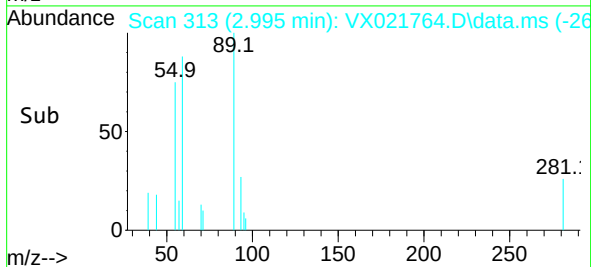
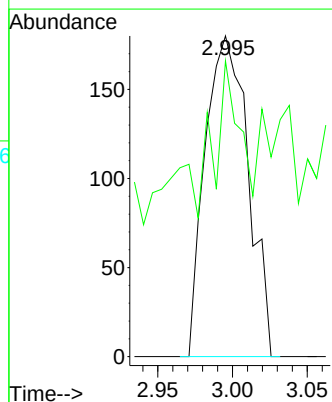
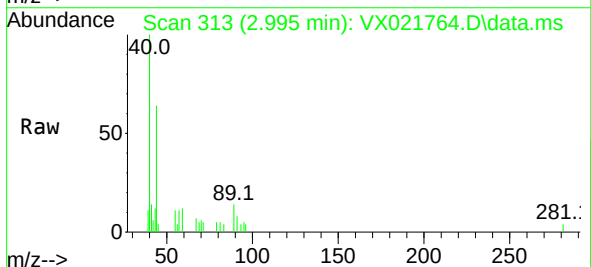
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

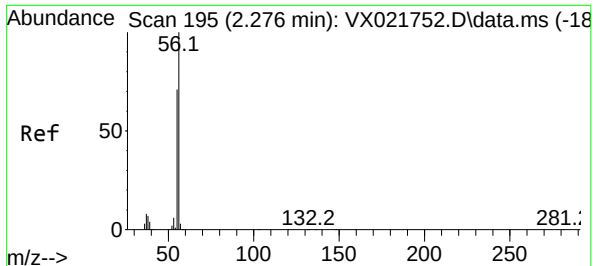
Tgt Ion:142 Resp: 308  
Ion Ratio Lower Upper  
142 100  
127 25.6 33.3 49.9#  
141 0.0 11.4 17.0#



#11  
Tert butyl alcohol  
Concen: 0.95 ug/l  
RT: 2.995 min Scan# 313  
Delta R.T. -0.018 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

Tgt Ion: 59 Resp: 360  
Ion Ratio Lower Upper  
59 100  
57 28.3 7.8 11.8#

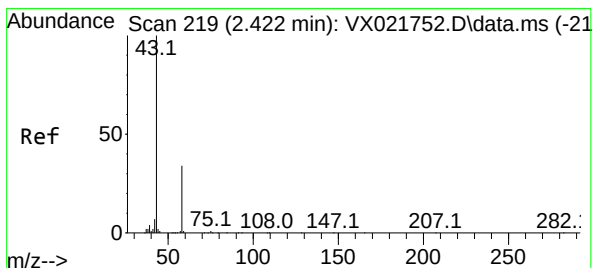
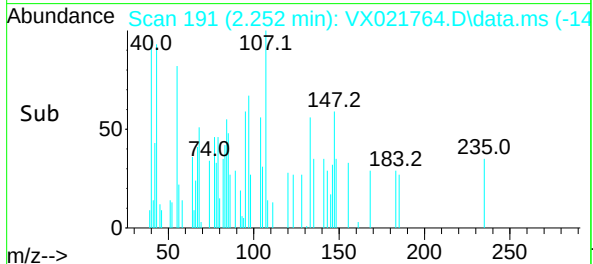
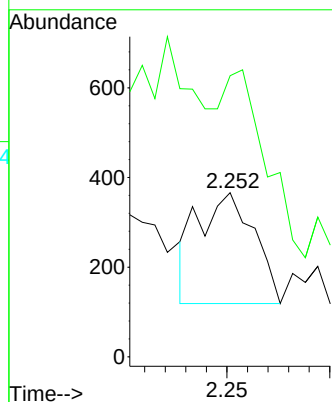
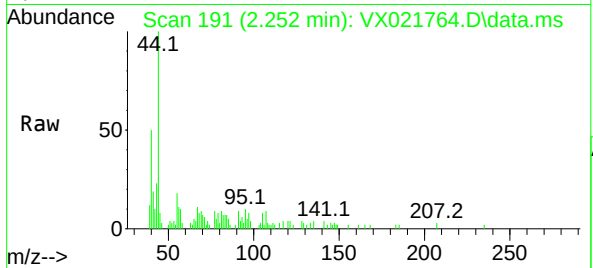




#13  
Acrolein  
Concen: 1.51 ug/l  
RT: 2.252 min Scan# 191  
Delta R.T. -0.024 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

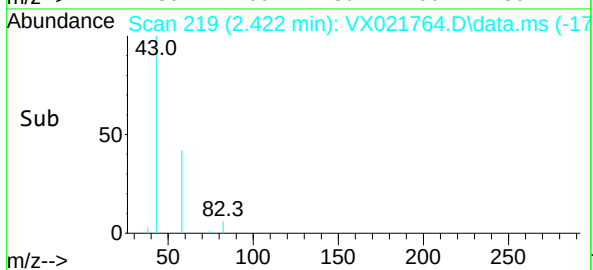
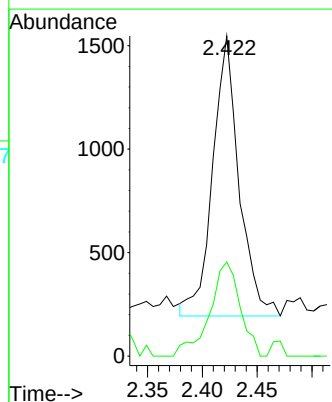
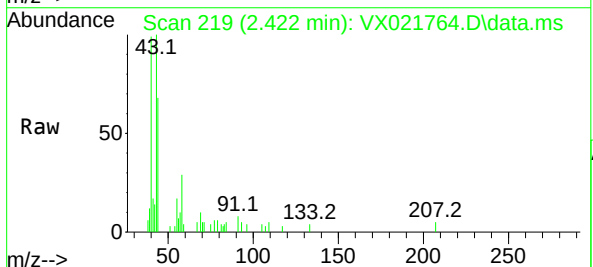
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

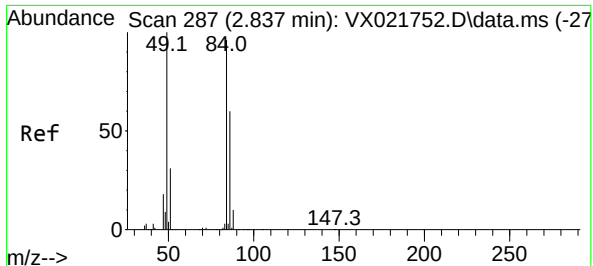
Tgt Ion: 56 Resp: 465  
Ion Ratio Lower Upper  
56 100  
55 0.0 56.4 84.6#



#16  
Acetone  
Concen: 3.79 ug/l  
RT: 2.422 min Scan# 219  
Delta R.T. 0.000 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

Tgt Ion: 43 Resp: 2265  
Ion Ratio Lower Upper  
43 100  
58 29.7 27.8 41.8

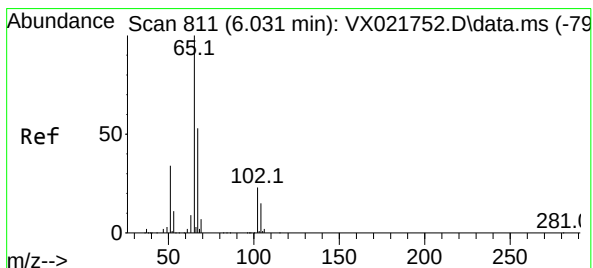
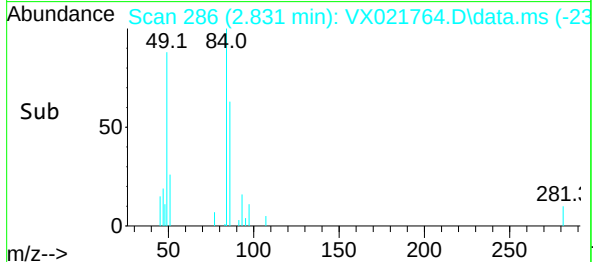
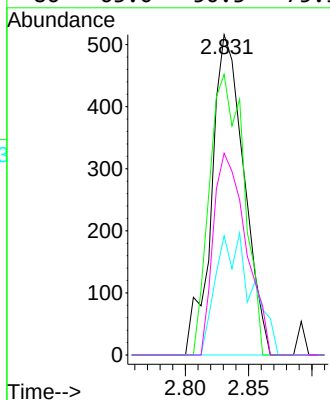
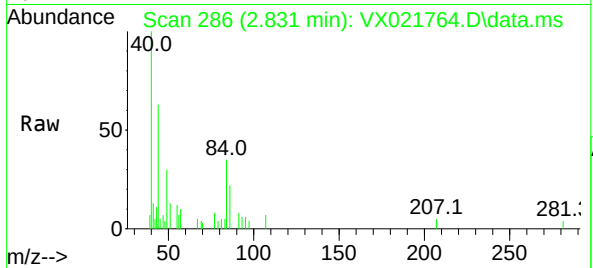




#20  
Methylene Chloride  
Concen: 0.51 ug/l  
RT: 2.831 min Scan# 286  
Delta R.T. -0.006 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

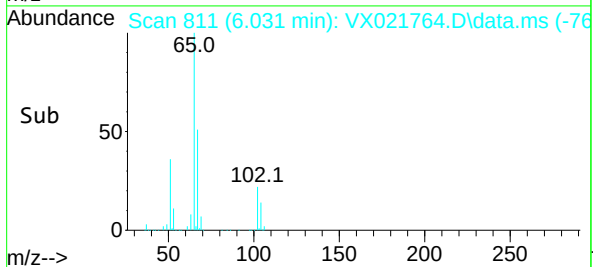
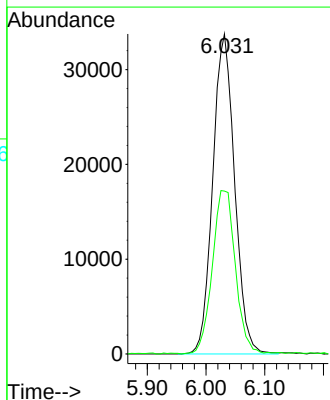
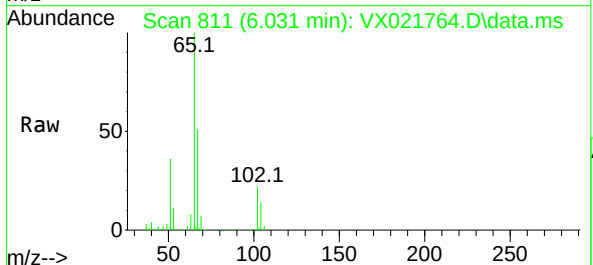
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

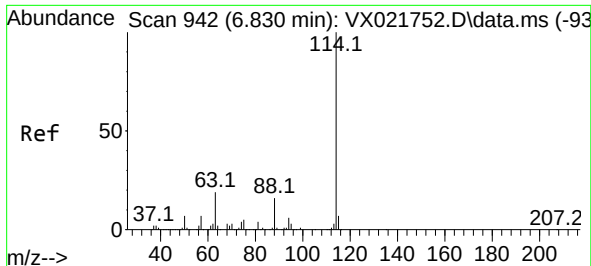
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 922    |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 87.6  | 88.6  | 132.8# |
| 51       | 37.2  | 27.0  | 40.6   |
| 86       | 63.0  | 50.3  | 75.5   |



#33  
1,2-Dichloroethane-d4  
Concen: 50.22 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

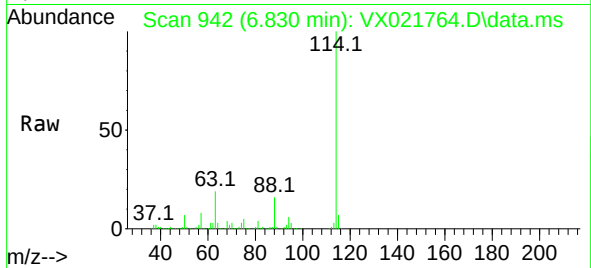
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 87277 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 54.0  | 0.0   | 105.4 |



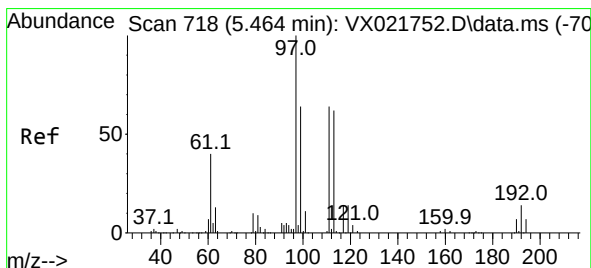
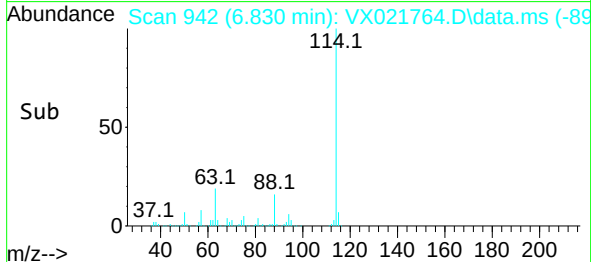
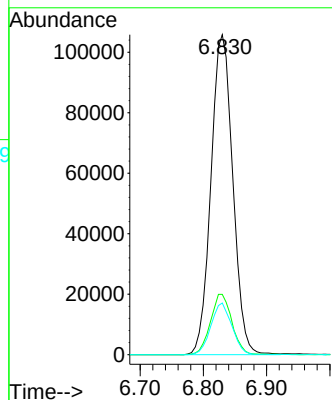


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.830 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

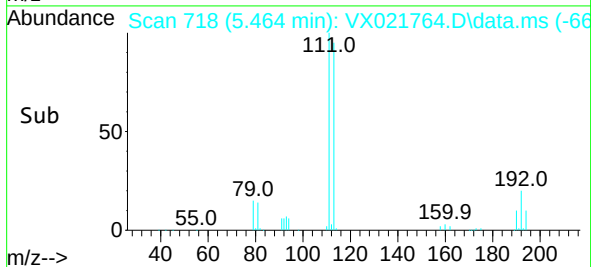
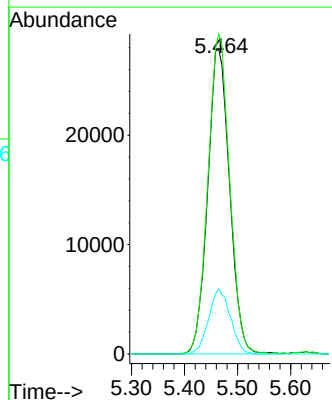
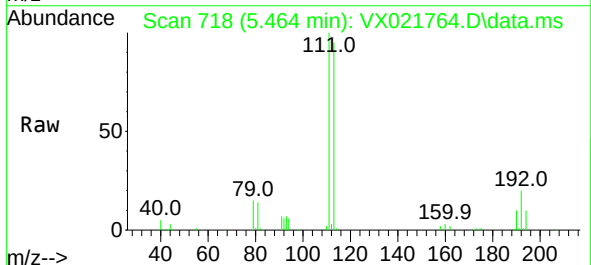


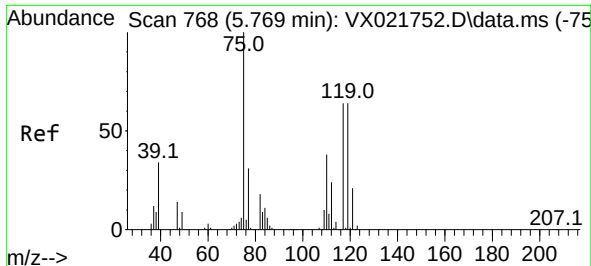
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Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 40.8  
88 16.2 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 49.50 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

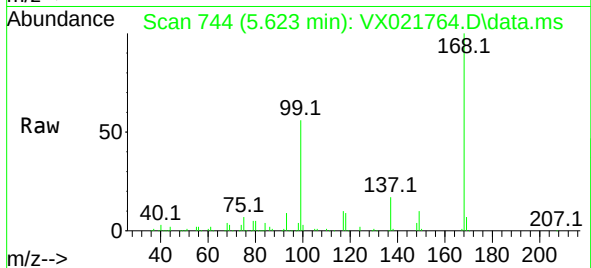
Tgt Ion:113 Resp: 80237  
Ion Ratio Lower Upper  
113 100  
111 103.7 81.9 122.9  
192 21.0 16.7 25.1



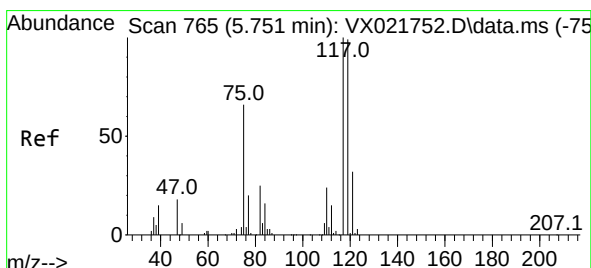
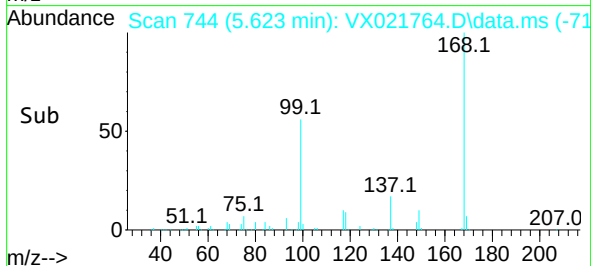
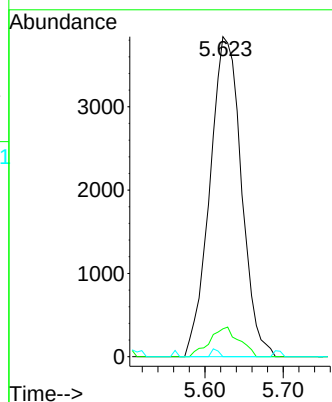


#36  
1,1-Dichloropropene  
Concen: 4.80 ug/l  
RT: 5.623 min Scan# 744  
Delta R.T. -0.146 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

Instrument :  
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STORAGE-BLANK-WATER-REF-4

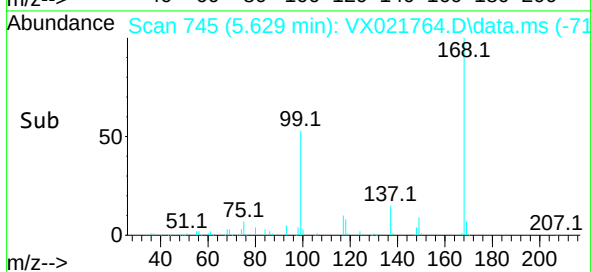
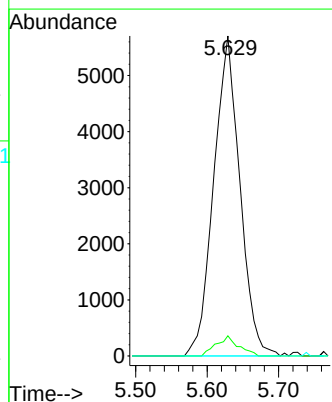
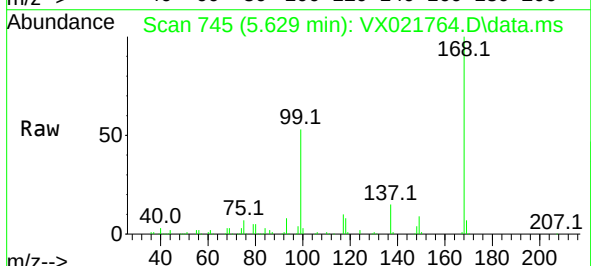


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 8.6   | 18.1  | 54.4# |
| 77      | 0.5   | 25.3  | 37.9# |

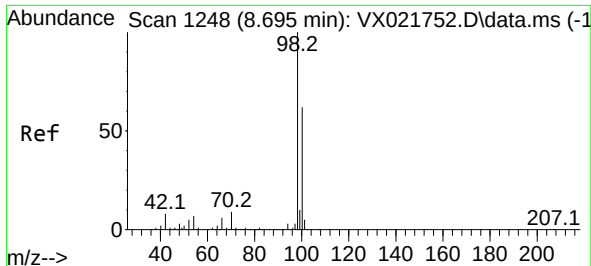


#38  
Carbon Tetrachloride  
Concen: 5.92 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. -0.122 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 6.3   | 76.2  | 114.2# |
| 121     | 0.0   | 24.8  | 37.2#  |



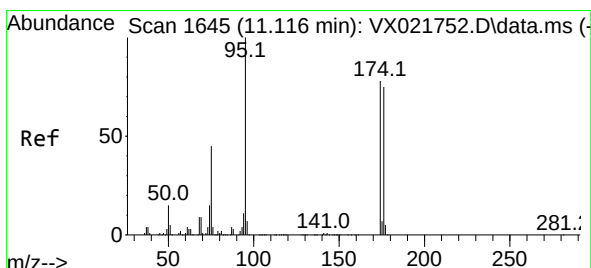
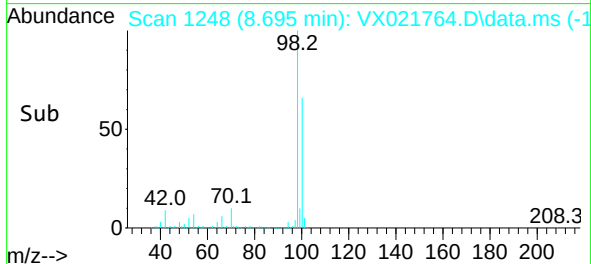
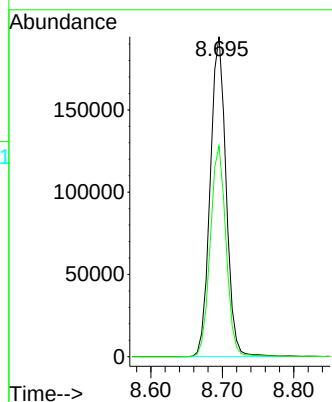
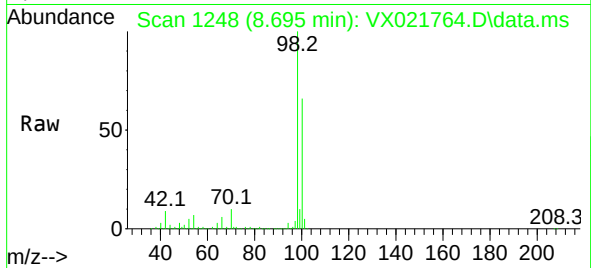




#50  
Toluene-d8  
Concen: 48.08 ug/l  
RT: 8.695 min Scan# 1248  
Delta R.T. 0.000 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

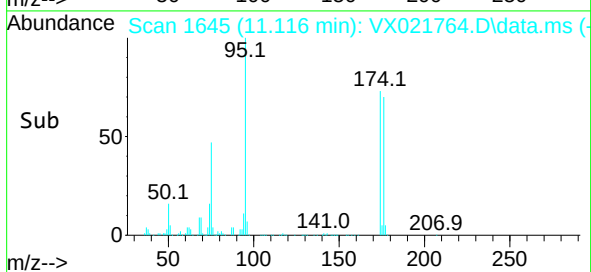
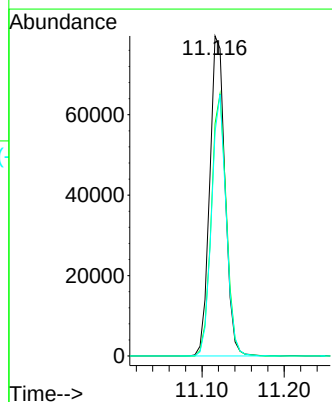
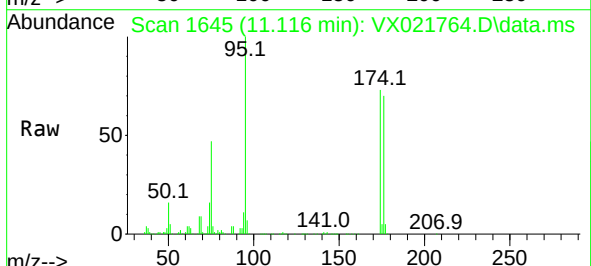
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

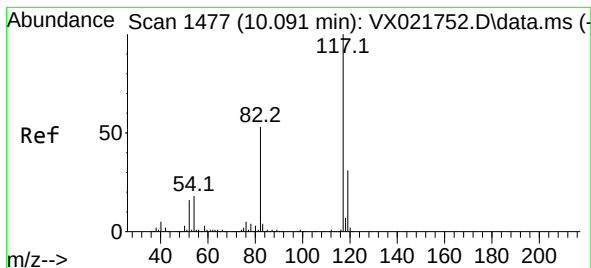
Tgt Ion: 98 Resp: 299654  
Ion Ratio Lower Upper  
98 100  
100 65.5 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 44.08 ug/l  
RT: 11.116 min Scan# 1645  
Delta R.T. -0.000 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

Tgt Ion: 95 Resp: 102603  
Ion Ratio Lower Upper  
95 100  
174 80.7 0.0 154.6  
176 78.3 0.0 155.8

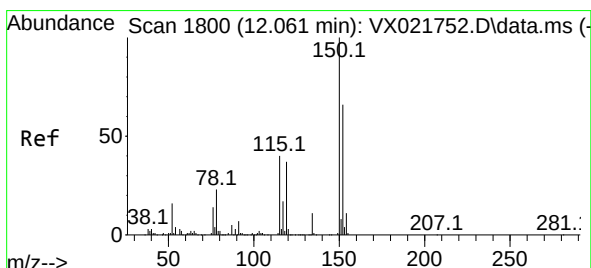
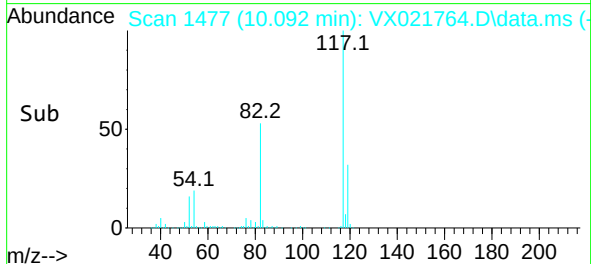
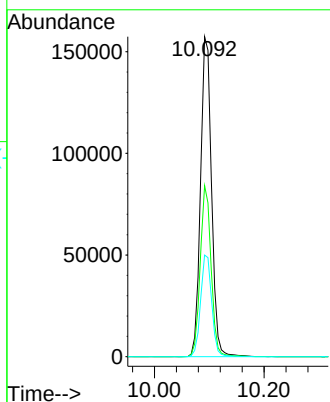
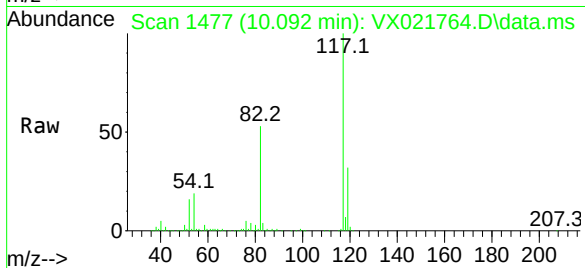




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.092 min Scan# 1477  
Delta R.T. 0.001 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

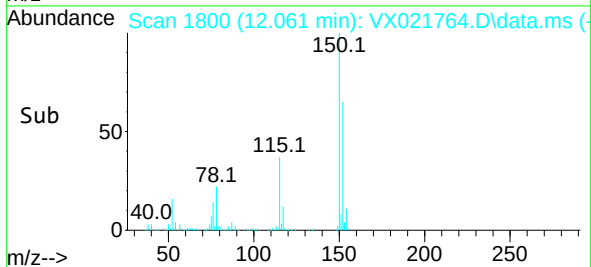
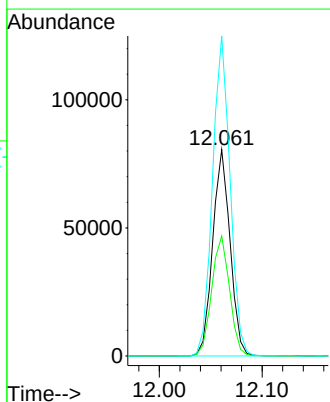
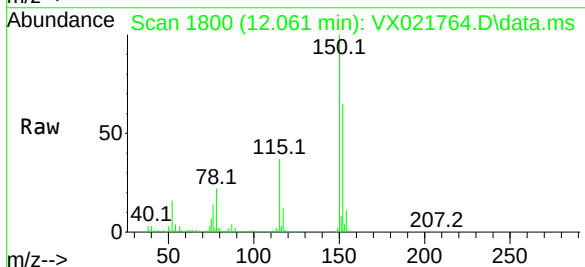
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

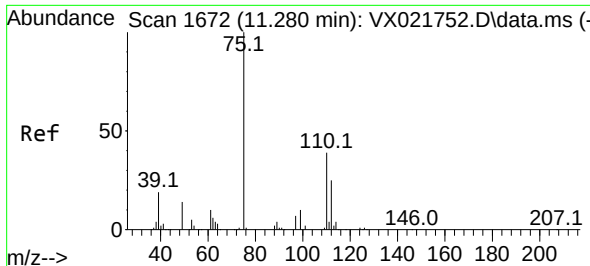
Tgt Ion:117 Resp: 219090  
Ion Ratio Lower Upper  
117 100  
82 53.5 47.4 71.2  
119 31.8 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.061 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

Tgt Ion:152 Resp: 94724  
Ion Ratio Lower Upper  
152 100  
115 59.6 41.1 123.3  
150 156.4 0.0 349.0

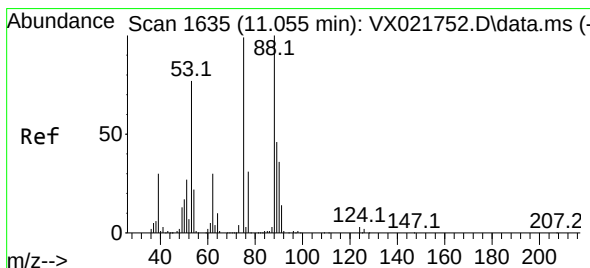
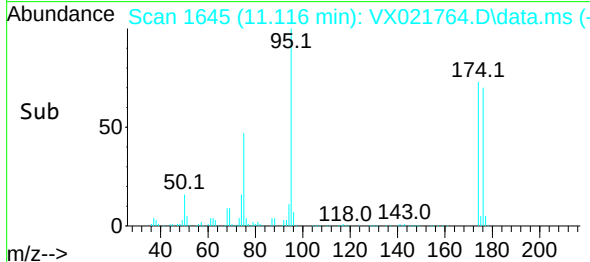
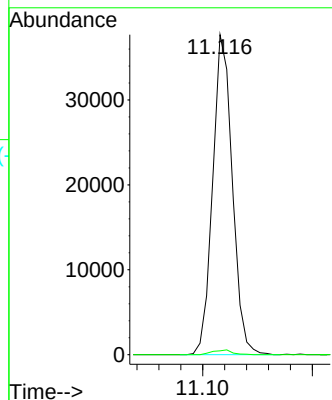
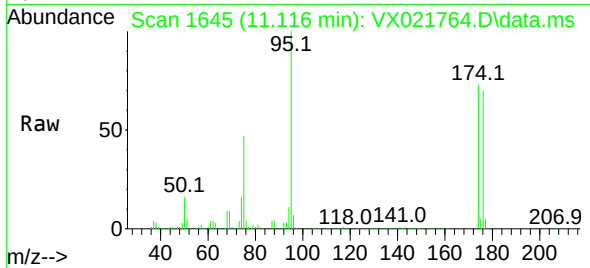




#76  
1,2,3-Trichloropropane  
Concen: 24.95 ug/l  
RT: 11.116 min Scan# 1645  
Delta R.T. -0.164 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 46859  
Ion Ratio Lower Upper  
75 100  
77 1.5 19.1 57.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 57.36 ug/l  
RT: 11.116 min Scan# 1645  
Delta R.T. 0.061 min  
Lab File: VX021764.D  
Acq: 20 Apr 2021 19:28

Tgt Ion: 75 Resp: 46859  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.5 111.7#  
89 0.1 37.9 56.9#

