

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031521\  
 Data File : VX021200.D  
 Acq On : 15 Mar 2021 15:31  
 Operator : JC/MD  
 Sample : M1583-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 16 03:02:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031521W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 15 11:55:59 2021  
 Response via : Initial Calibration

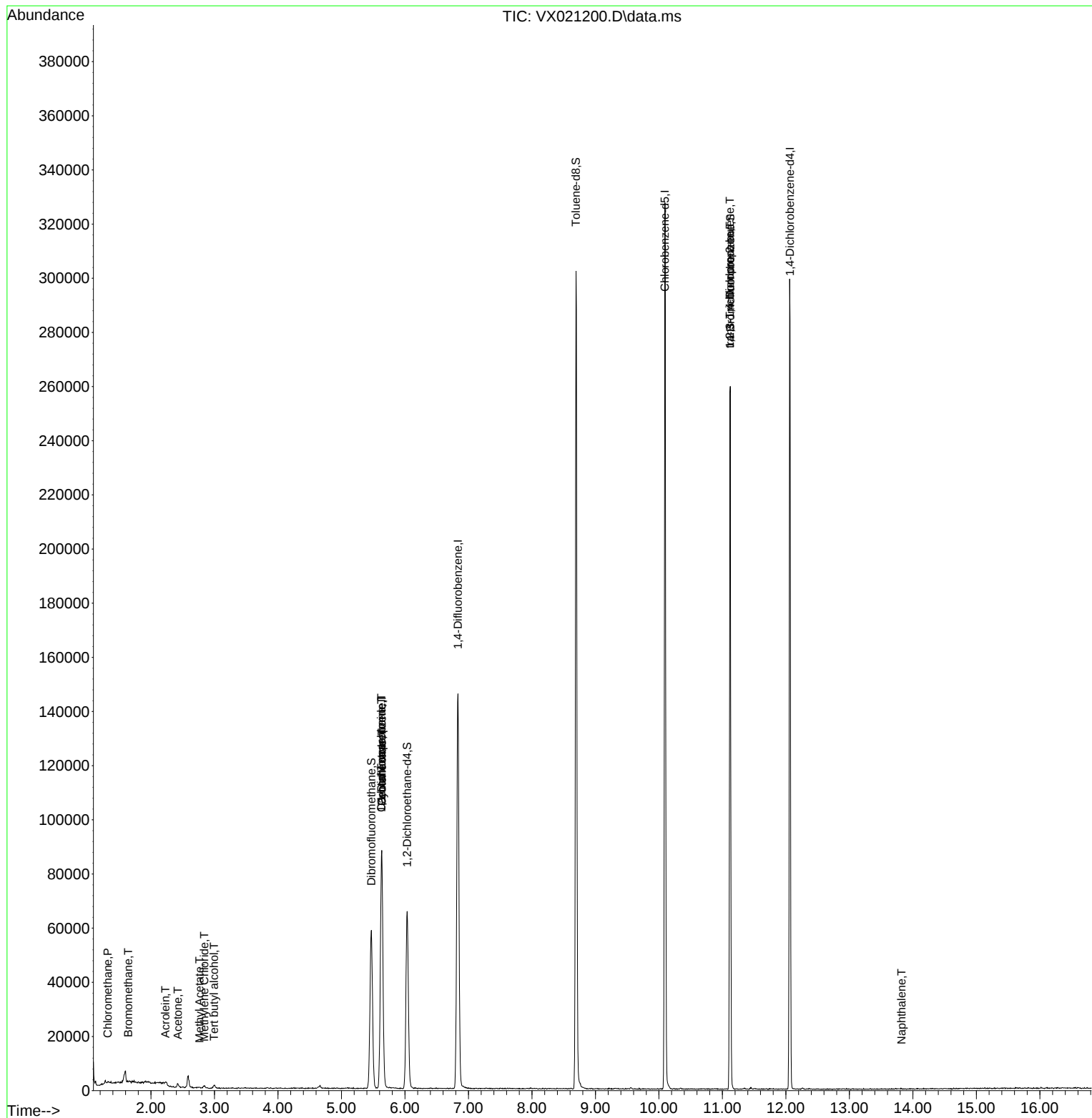
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.635  | 168   | 75436    | 50.00    | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene       | 6.835  | 114   | 137089   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.094 | 117   | 130867   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.065 | 152   | 54928    | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 6.035  | 65    | 65001    | 50.53    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 61 - 141 | Recovery | =      | 101.06%  |
| 35) Dibromofluoromethane      | 5.470  | 113   | 48190    | 51.09    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 69 - 133 | Recovery | =      | 102.18%  |
| 50) Toluene-d8                | 8.694  | 98    | 172737   | 50.98    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 65 - 126 | Recovery | =      | 101.96%  |
| 62) 4-Bromofluorobenzene      | 11.124 | 95    | 67089    | 51.96    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 135 | Recovery | =      | 103.92%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.317  | 50    | 248      | 0.25     | ug/l # | 87       |
| 5) Bromomethane               | 1.640  | 94    | 189      | 0.34     | ug/l   | 84       |
| 11) Tert butyl alcohol        | 2.993  | 59    | 768      | 3.43     | ug/l # | 73       |
| 13) Acrolein                  | 2.228  | 56    | 63       | 0.46     | ug/l # | 1        |
| 16) Acetone                   | 2.423  | 43    | 1701     | 3.29     | ug/l   | 88       |
| 18) Methyl Acetate            | 2.764  | 43    | 384      | 0.31     | ug/l # | 47       |
| 20) Methylene Chloride        | 2.840  | 84    | 318      | 0.33     | ug/l # | 76       |
| 31) Cyclohexane               | 5.635  | 56    | 2170     | 1.33     | ug/l # | 36       |
| 36) 1,1-Dichloropropene       | 5.629  | 75    | 7004     | 4.88     | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.629  | 117   | 8470     | 5.37     | ug/l # | 16       |
| 76) 1,2,3-Trichloropropane    | 11.118 | 75    | 38794    | 28.48    | ug/l # | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.118 | 75    | 38794    | 80.84    | ug/l # | 12       |
| 95) Naphthalene               | 13.818 | 128   | 119      | 1.49     | ug/l # | 69       |
| -----                         |        |       |          |          |        |          |

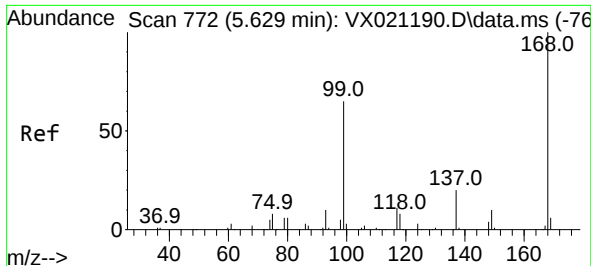
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031521\  
Data File : VX021200.D  
Acq On : 15 Mar 2021 15:31  
Operator : JC/MD  
Sample : M1583-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 16 03:02:11 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031521W.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 15 11:55:59 2021  
Response via : Initial Calibration

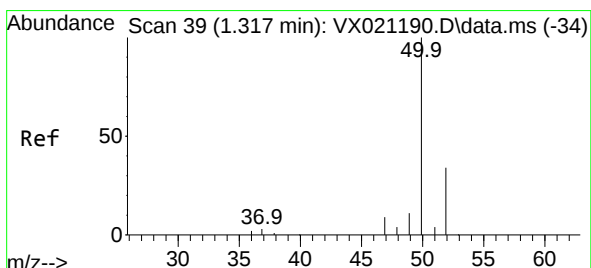
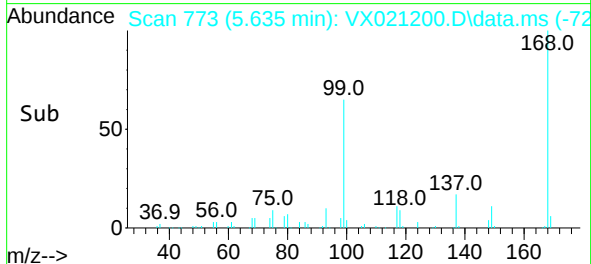
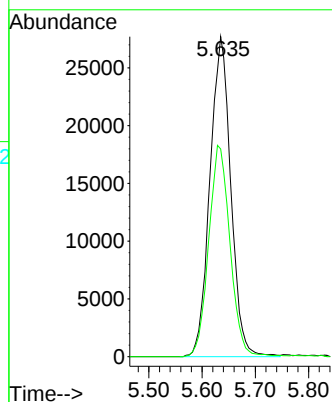
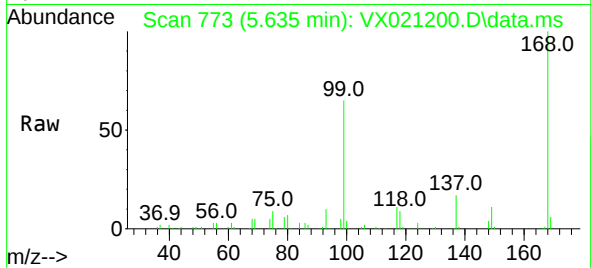




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.635 min Scan# 773  
Delta R.T. 0.012 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

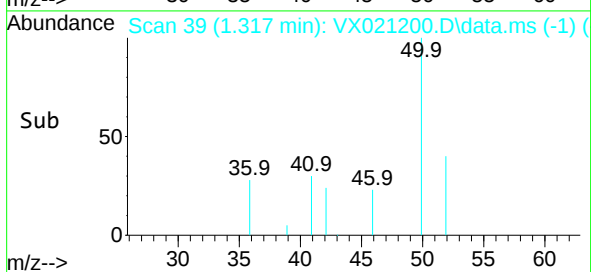
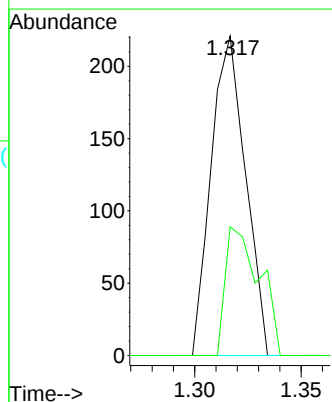
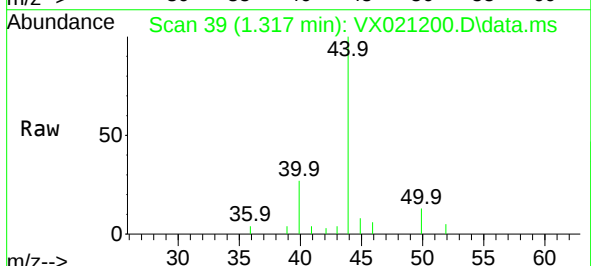
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

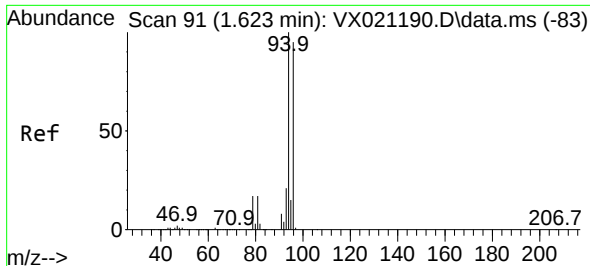
Tgt Ion:168 Resp: 75436  
Ion Ratio Lower Upper  
168 100  
99 64.9 45.8 68.6



#3  
Chloromethane  
Concen: 0.25 ug/l  
RT: 1.317 min Scan# 39  
Delta R.T. 0.006 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

Tgt Ion: 50 Resp: 248  
Ion Ratio Lower Upper  
50 100  
52 40.3 26.4 39.6#

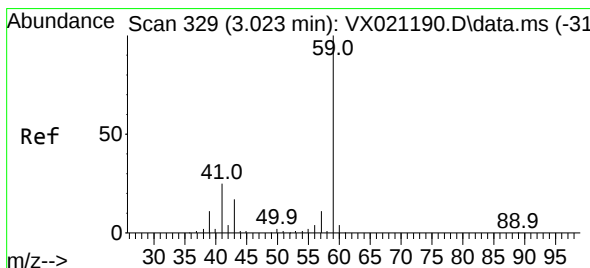
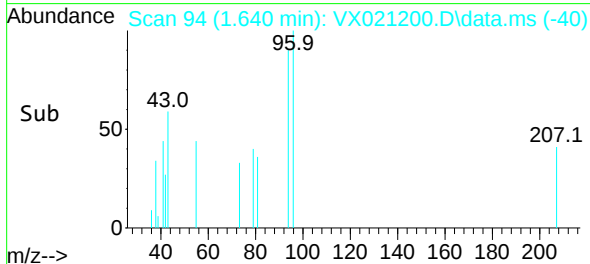
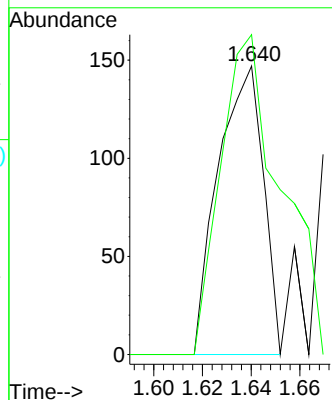
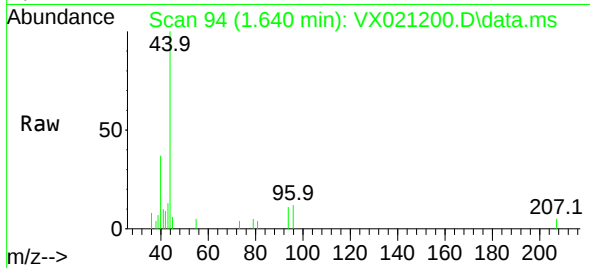




#5  
Bromomethane  
Concen: 0.34 ug/l  
RT: 1.640 min Scan# 94  
Delta R.T. 0.017 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

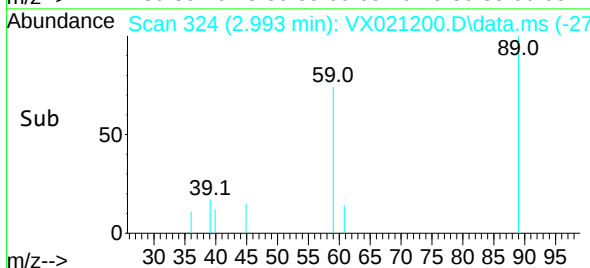
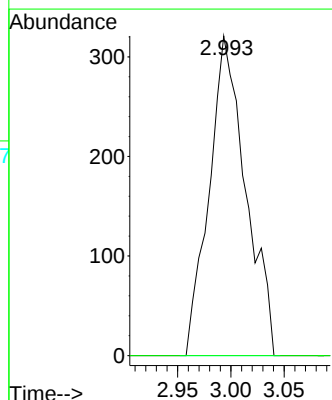
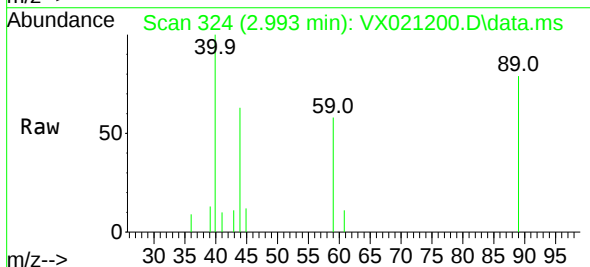
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

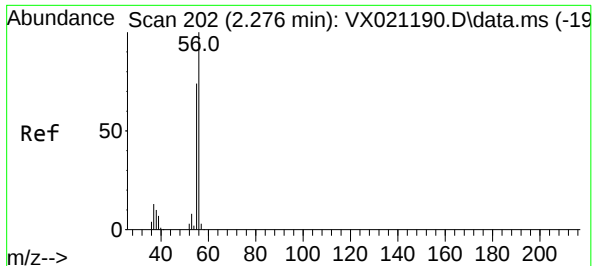
Tgt Ion: 94 Resp: 189  
Ion Ratio Lower Upper  
94 100  
96 110.9 76.4 114.6



#11  
Tert butyl alcohol  
Concen: 3.43 ug/l  
RT: 2.993 min Scan# 324  
Delta R.T. -0.024 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

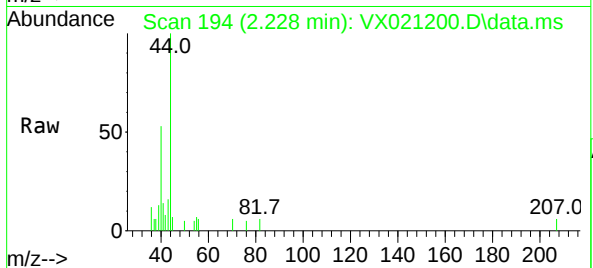
Tgt Ion: 59 Resp: 768  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#



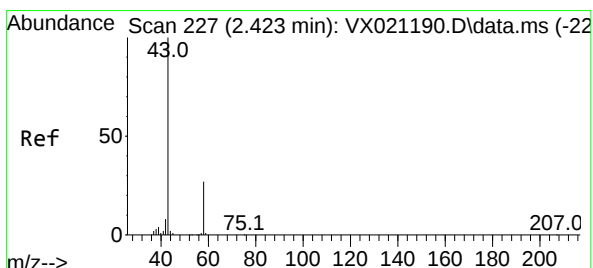
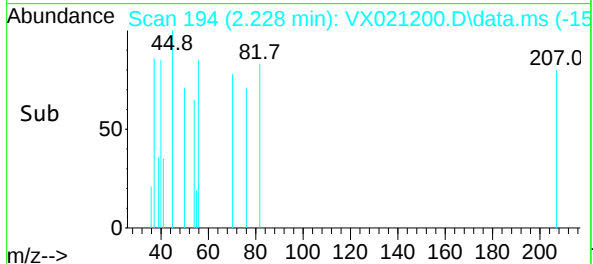
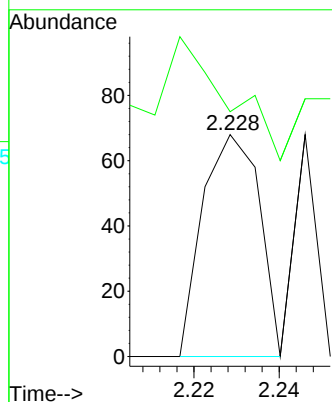


#13  
Acrolein  
Concen: 0.46 ug/l  
RT: 2.228 min Scan# 194  
Delta R.T. -0.047 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

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

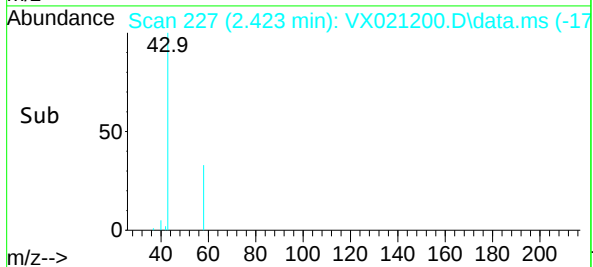
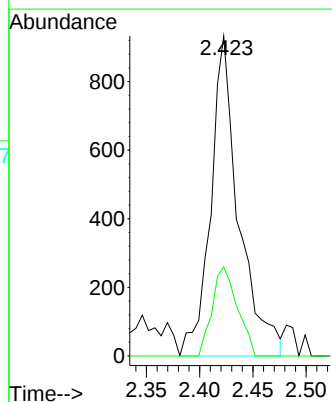
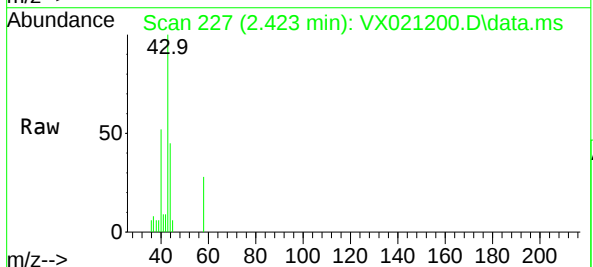


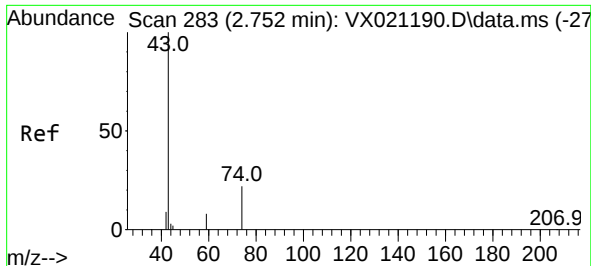
Tgt Ion: 56 Resp: 63  
Ion Ratio Lower Upper  
56 100  
55 396.8 56.4 84.6#



#16  
Acetone  
Concen: 3.29 ug/l  
RT: 2.423 min Scan# 227  
Delta R.T. -0.000 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

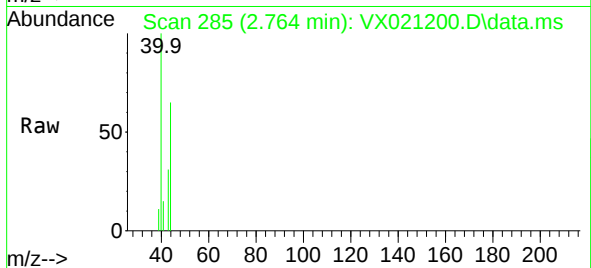
Tgt Ion: 43 Resp: 1701  
Ion Ratio Lower Upper  
43 100  
58 27.9 27.8 41.8



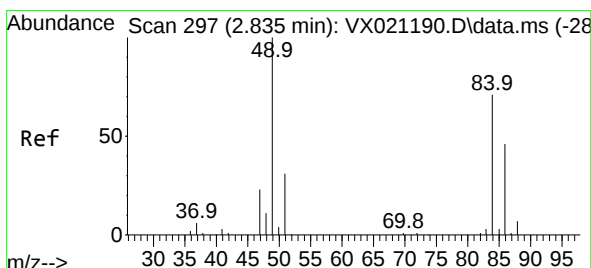
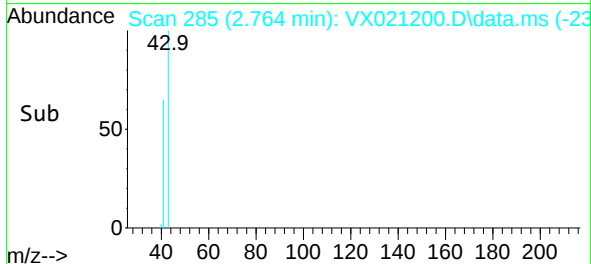
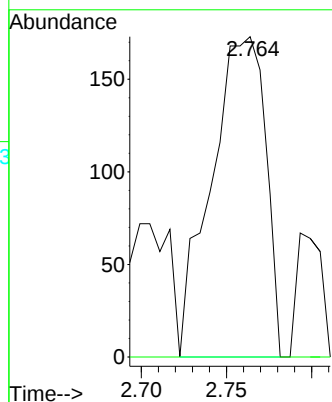


#18  
Methyl Acetate  
Concen: 0.31 ug/l  
RT: 2.764 min Scan# 285  
Delta R.T. 0.012 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

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

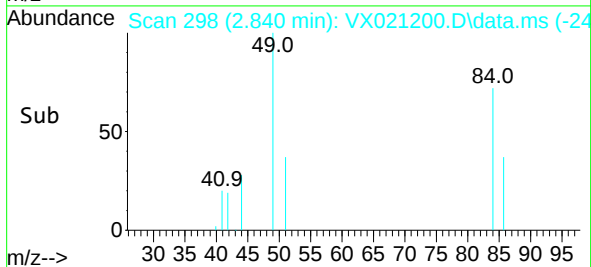
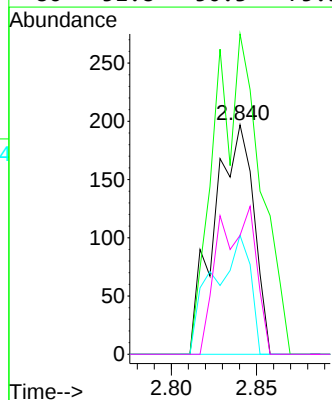
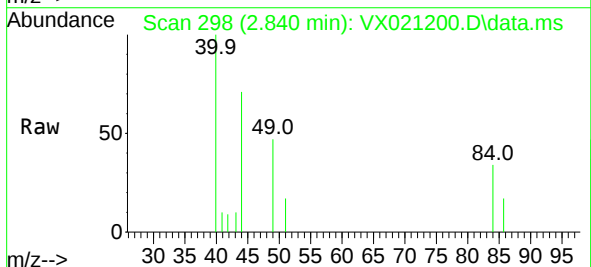


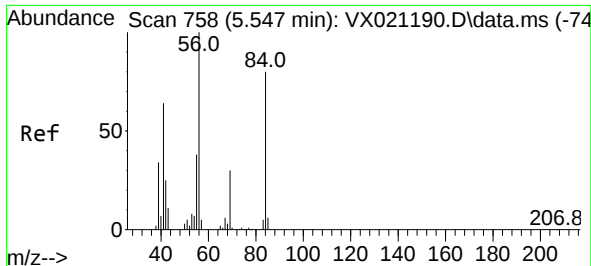
Tgt Ion: 43 Resp: 384  
Ion Ratio Lower Upper  
43 100  
74 0.0 21.9 32.9#



#20  
Methylene Chloride  
Concen: 0.33 ug/l  
RT: 2.840 min Scan# 298  
Delta R.T. 0.006 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

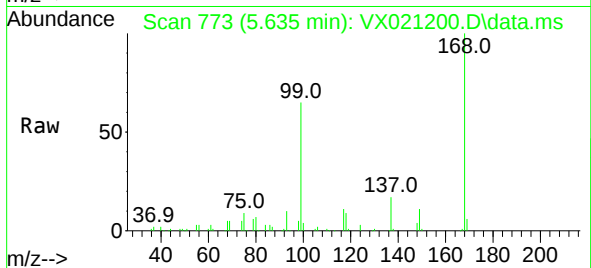
Tgt Ion: 84 Resp: 318  
Ion Ratio Lower Upper  
84 100  
49 139.6 88.6 132.8#  
51 51.8 27.0 40.6#  
86 51.8 50.3 75.5



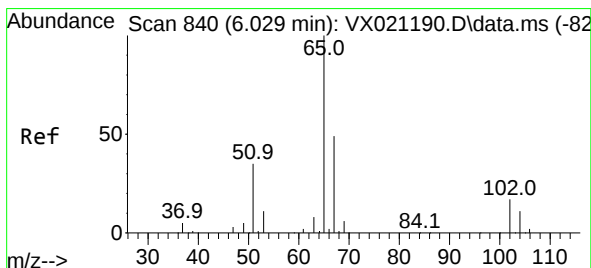
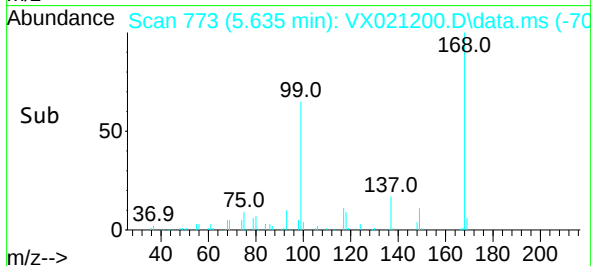
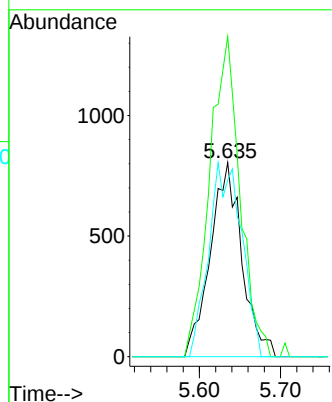


#31  
Cyclohexane  
Concen: 1.33 ug/l  
RT: 5.635 min Scan# 773  
Delta R.T. 0.088 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

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

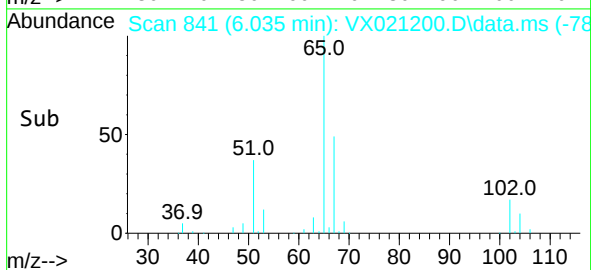
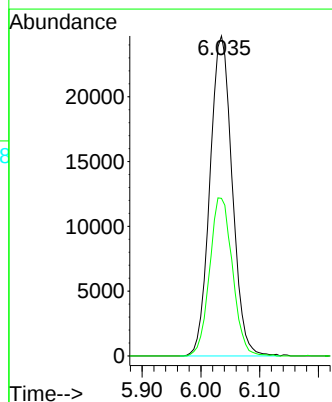
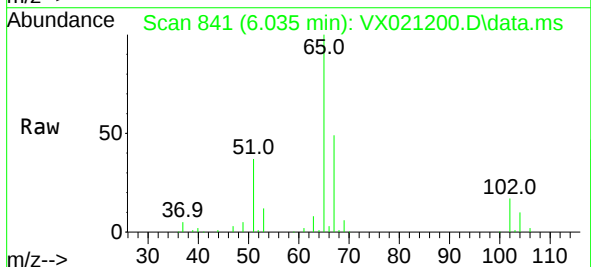


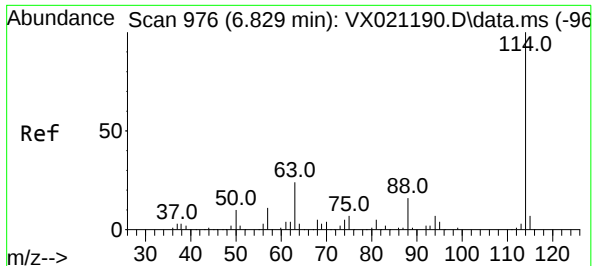
Tgt Ion: 56 Resp: 2170  
Ion Ratio Lower Upper  
56 100  
69 164.8 25.3 37.9#  
84 90.9 71.4 107.0



#33  
1,2-Dichloroethane-d4  
Concen: 50.53 ug/l  
RT: 6.035 min Scan# 841  
Delta R.T. 0.006 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

Tgt Ion: 65 Resp: 65001  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 105.4

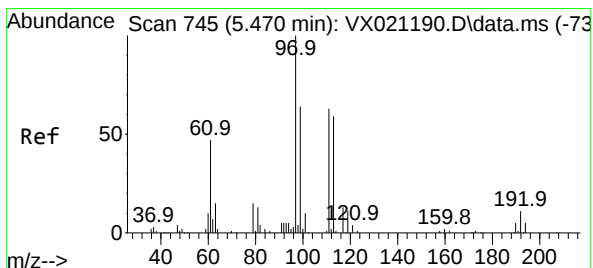
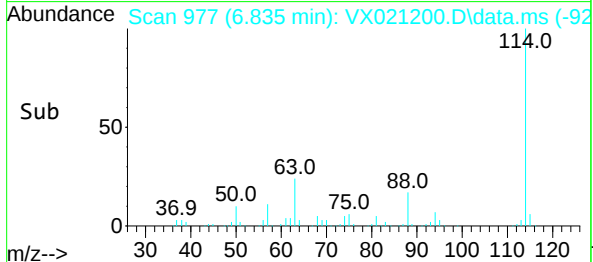
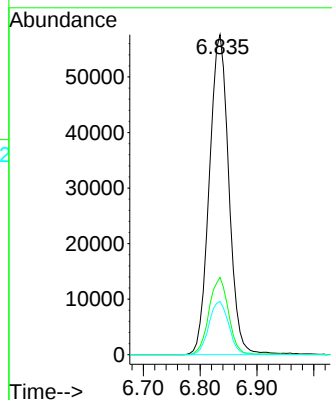
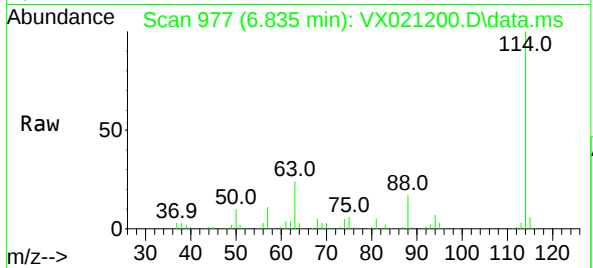




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.835 min Scan# 977  
Delta R.T. 0.006 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

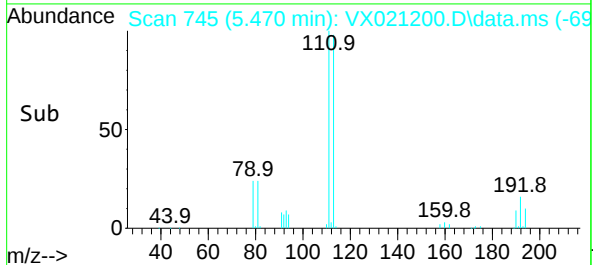
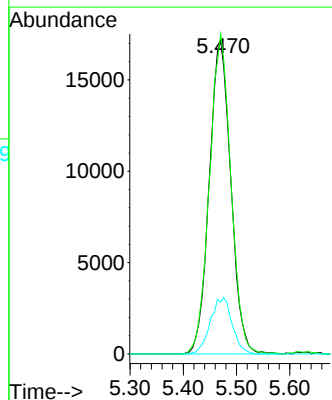
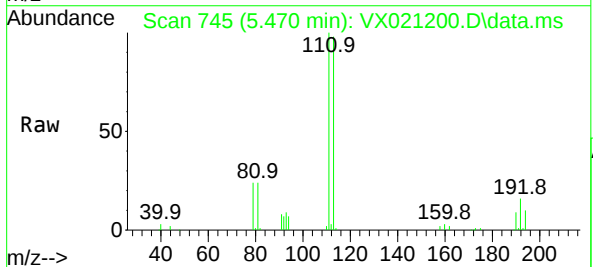
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

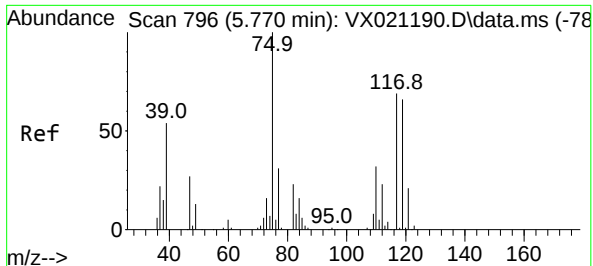
Tgt Ion:114 Resp: 137089  
Ion Ratio Lower Upper  
114 100  
63 24.1 0.0 40.8  
88 16.7 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 51.09 ug/l  
RT: 5.470 min Scan# 745  
Delta R.T. 0.006 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

Tgt Ion:113 Resp: 48190  
Ion Ratio Lower Upper  
113 100  
111 101.2 81.9 122.9  
192 18.2 16.7 25.1

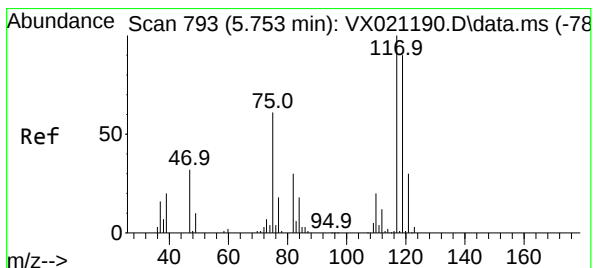
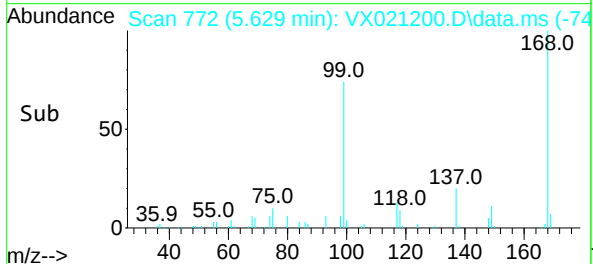
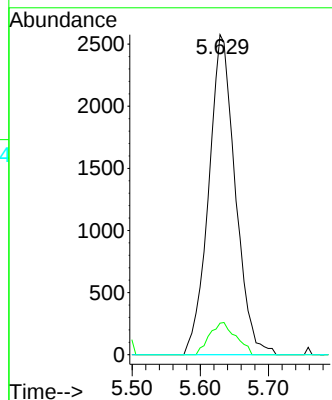
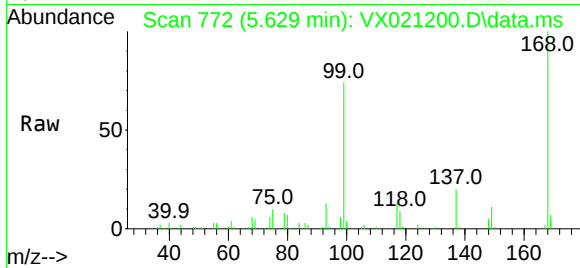




#36  
1,1-Dichloropropene  
Concen: 4.88 ug/l  
RT: 5.629 min Scan# 772  
Delta R.T. -0.141 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

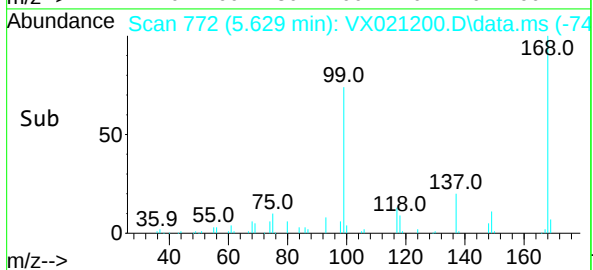
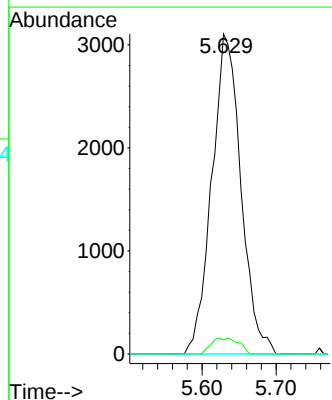
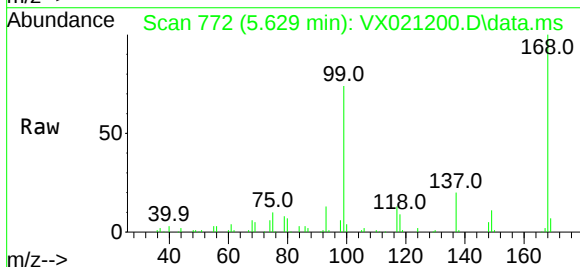
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

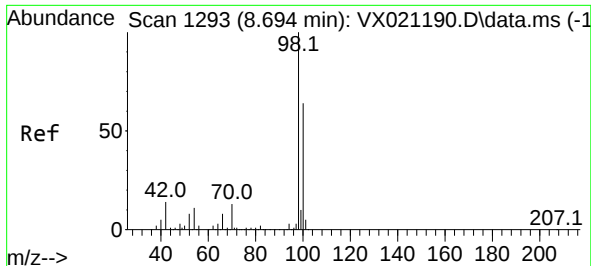
Tgt Ion: 75 Resp: 7004  
Ion Ratio Lower Upper  
75 100  
110 10.0 18.1 54.4#  
77 0.0 25.3 37.9#



#38  
Carbon Tetrachloride  
Concen: 5.37 ug/l  
RT: 5.629 min Scan# 772  
Delta R.T. -0.124 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

Tgt Ion: 117 Resp: 8470  
Ion Ratio Lower Upper  
117 100  
119 4.4 76.2 114.2#  
121 0.0 24.8 37.2#

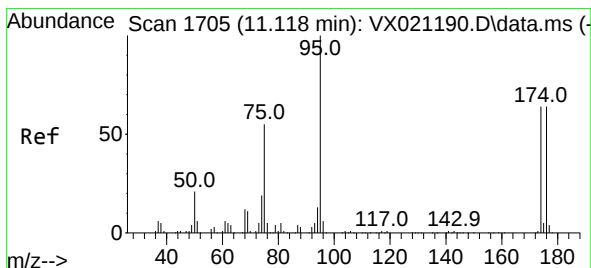
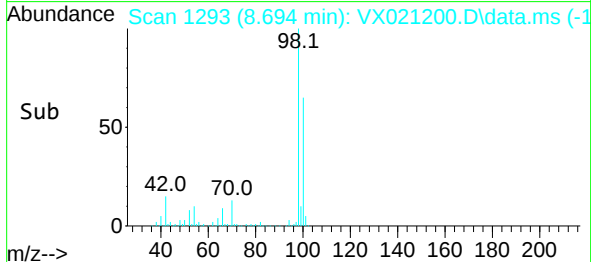
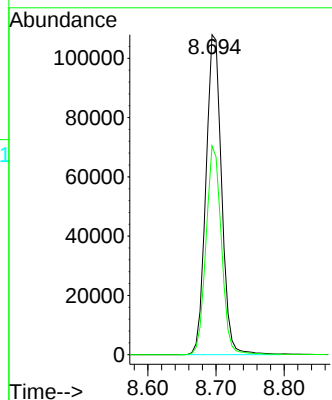
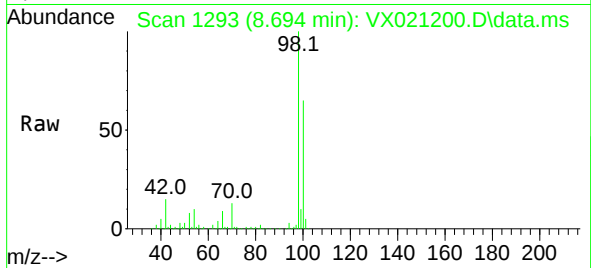




#50  
Toluene-d8  
Concen: 50.98 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

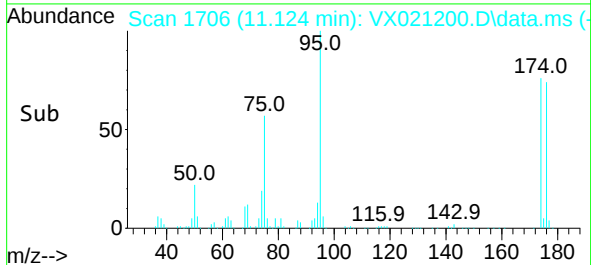
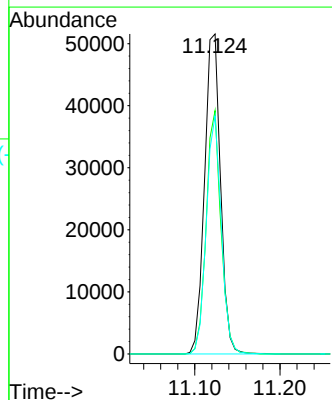
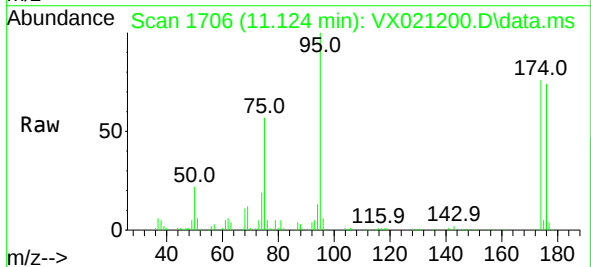
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

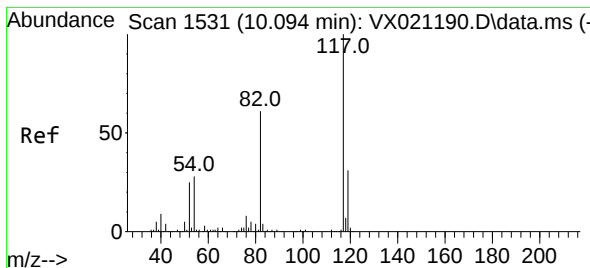
Tgt Ion: 98 Resp: 172737  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 51.96 ug/l  
RT: 11.124 min Scan# 1706  
Delta R.T. 0.006 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

Tgt Ion: 95 Resp: 67089  
Ion Ratio Lower Upper  
95 100  
174 70.5 0.0 154.6  
176 70.0 0.0 155.8

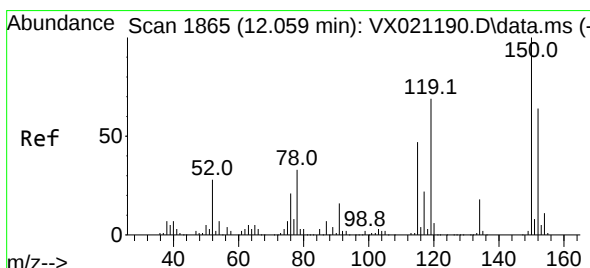
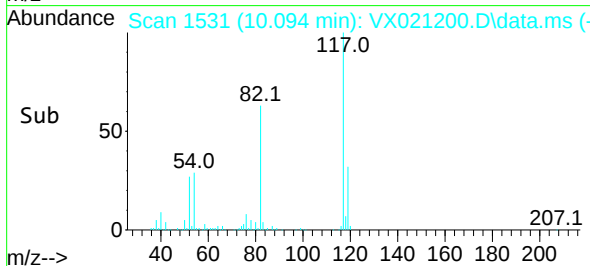
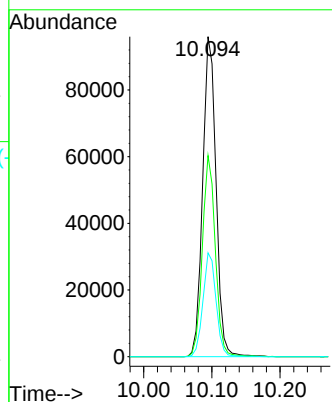
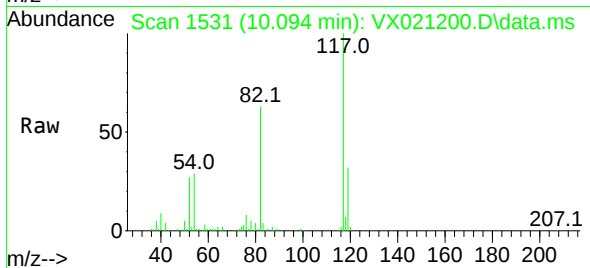




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

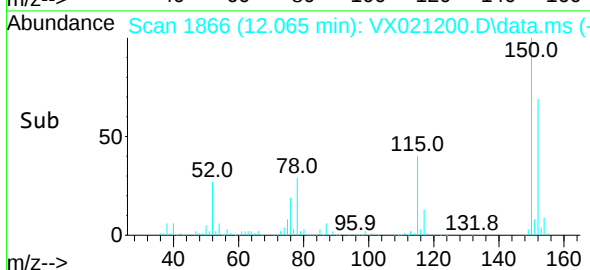
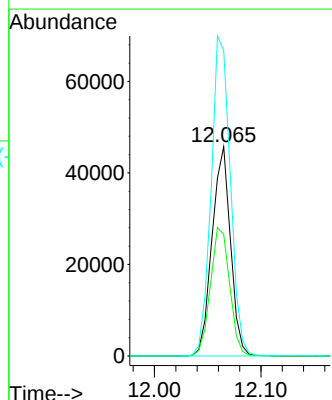
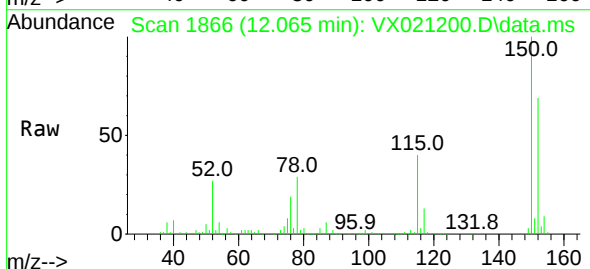
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

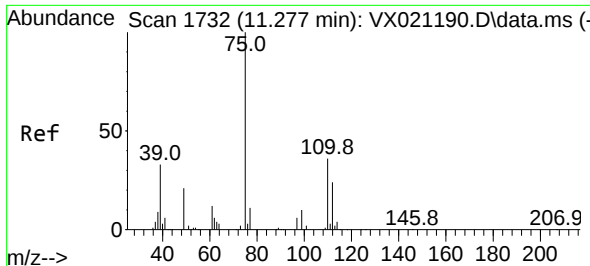
Tgt Ion:117 Resp: 130867  
Ion Ratio Lower Upper  
117 100  
82 62.8 47.4 71.2  
119 32.4 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.065 min Scan# 1866  
Delta R.T. 0.000 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

Tgt Ion:152 Resp: 54928  
Ion Ratio Lower Upper  
152 100  
115 64.1 41.1 123.3  
150 159.1 0.0 349.0

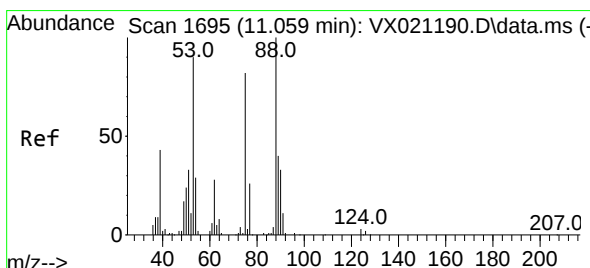
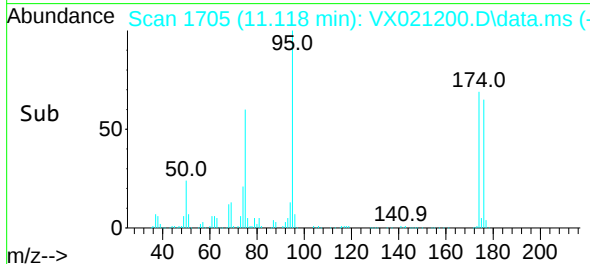
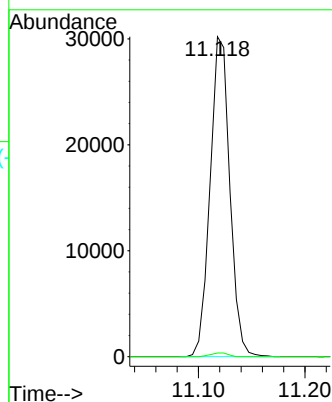
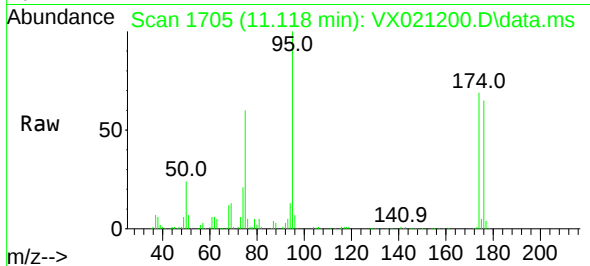




#76  
1,2,3-Trichloropropane  
Concen: 28.48 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.159 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

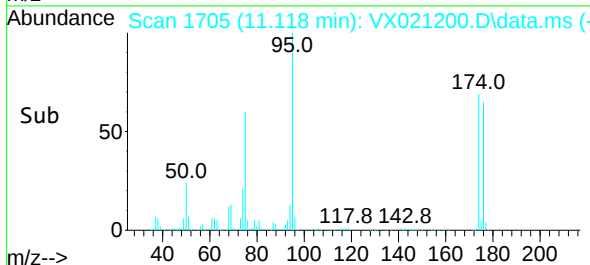
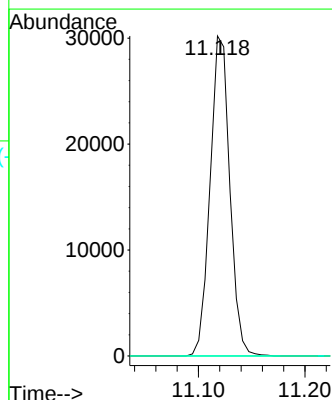
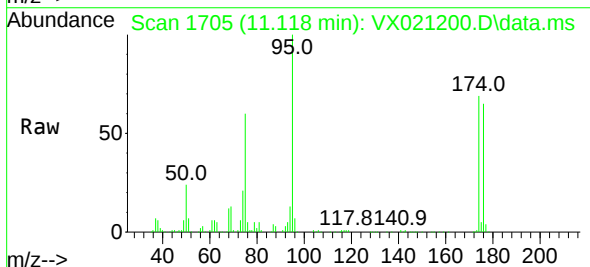
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-4

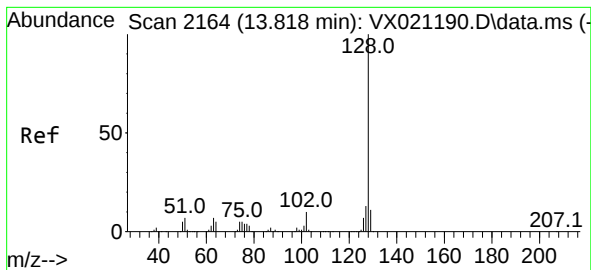
Tgt Ion: 75 Resp: 38794  
Ion Ratio Lower Upper  
75 100  
77 1.1 19.1 57.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 80.84 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. 0.059 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

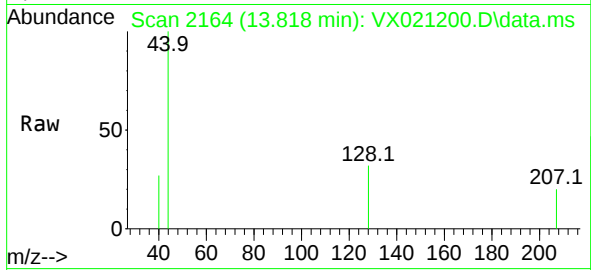
Tgt Ion: 75 Resp: 38794  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.5 111.7#  
89 0.0 37.9 56.9#





#95  
Naphthalene  
Concen: 1.49 ug/l  
RT: 13.818 min Scan# 2164  
Delta R.T. 0.000 min  
Lab File: VX021200.D  
Acq: 15 Mar 2021 15:31

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



Tgt Ion:128 Resp: 119  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.3 15.5#  
129 0.0 8.8 13.2#

