

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062025\  
 Data File : VX046798.D  
 Acq On : 20 Jun 2025 20:46  
 Operator : JC/MD  
 Sample : Q2378-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 21 00:15:13 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061725W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 18 03:09:16 2025  
 Response via : Initial Calibration

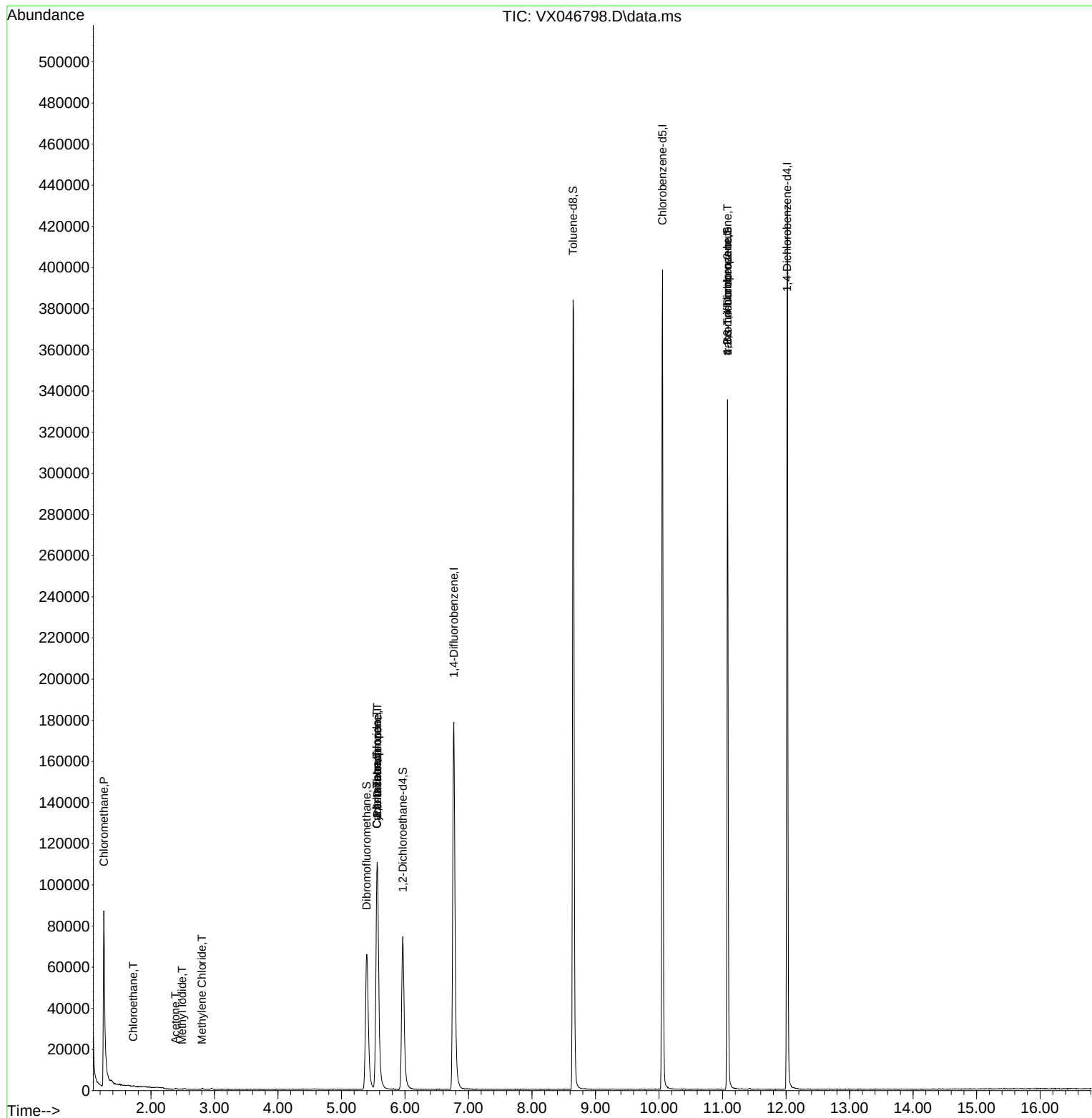
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.562  | 168   | 114589   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.769  | 114   | 197625   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 182229   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018 | 152   | 88541    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964  | 65    | 79020    | 49.856   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery | =      | 99.720%  |
| 35) Dibromofluoromethane      | 5.397  | 113   | 64488    | 49.320   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 98.640%  |
| 50) Toluene-d8                | 8.647  | 98    | 240191   | 51.129   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery | =      | 102.260% |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 89839    | 51.303   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 77 - 121 | Recovery | =      | 102.600% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.258  | 50    | 2458     | 1.861    | ug/l # | 44       |
| 6) Chloroethane               | 1.721  | 64    | 204      | 0.239    | ug/l # | 41       |
| 10) Methyl Iodide             | 2.489  | 142   | 188      | 4.438    | ug/l # | 64       |
| 16) Acetone                   | 2.386  | 43    | 549      | 1.039    | ug/l # | 44       |
| 20) Methylene Chloride        | 2.800  | 84    | 294      | 0.200    | ug/l # | 70       |
| 31) Cyclohexane               | 5.556  | 56    | 2234     | 0.941    | ug/l # | 2        |
| 36) 1,1-Dichloropropene       | 5.562  | 75    | 9229     | 4.890    | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 11724    | 5.723    | ug/l # | 17       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 44927    | 27.704   | ug/l # | 40       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 44927    | 78.309   | ug/l # | 7        |
| -----                         |        |       |          |          |        |          |

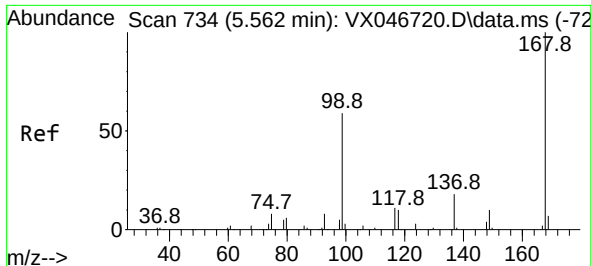
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062025\  
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Sample : Q2378-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jun 21 00:15:13 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061725W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 18 03:09:16 2025  
Response via : Initial Calibration

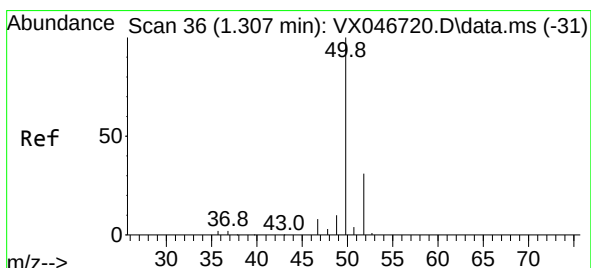
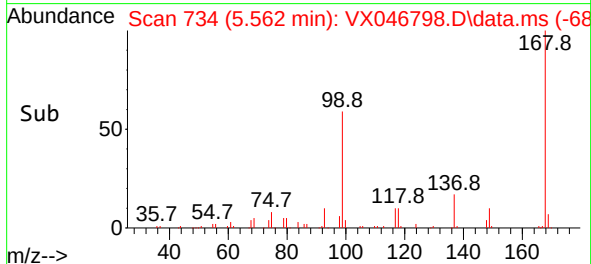
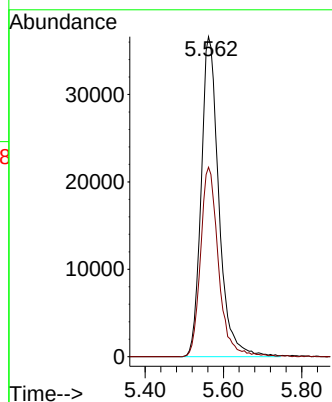
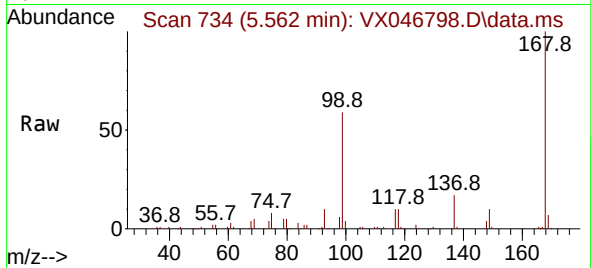




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

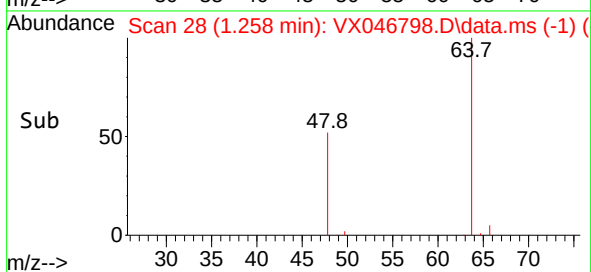
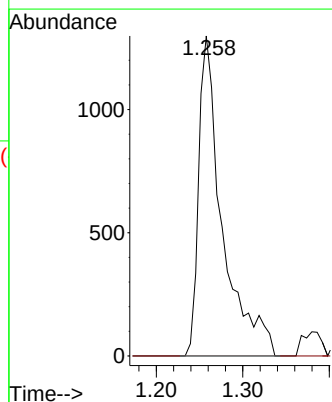
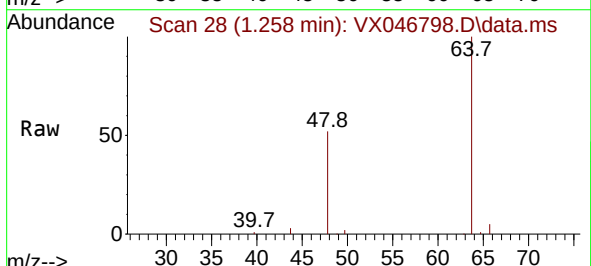
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

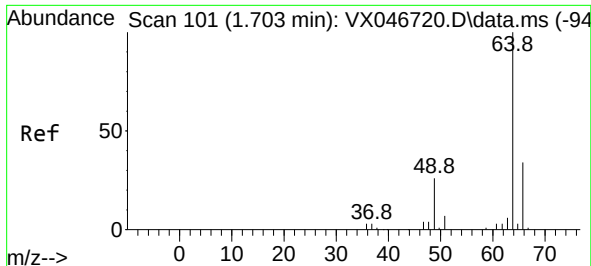
Tgt Ion:168 Resp: 114589  
Ion Ratio Lower Upper  
168 100  
99 59.2 48.5 72.7



#3  
Chloromethane  
Concen: 1.861 ug/l  
RT: 1.258 min Scan# 28  
Delta R.T. -0.049 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

Tgt Ion: 50 Resp: 2458  
Ion Ratio Lower Upper  
50 100  
52 0.0 24.9 37.3#

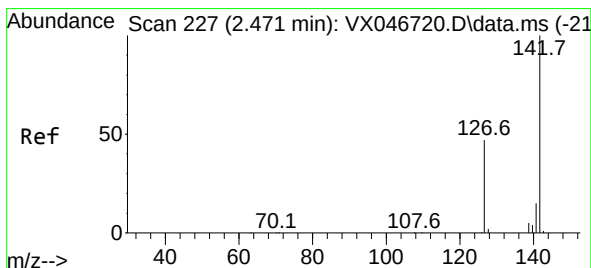
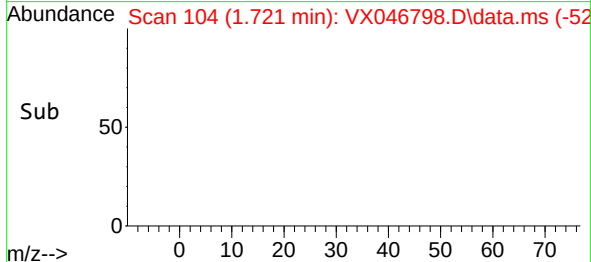
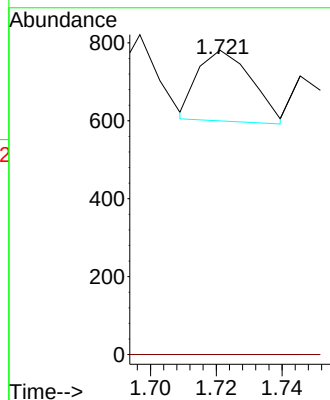
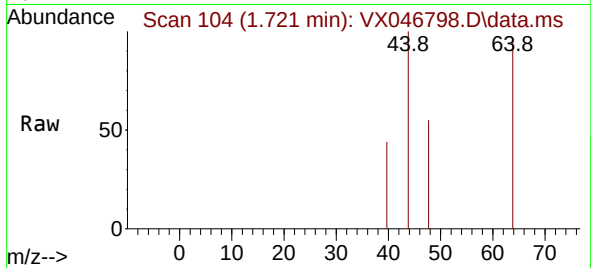




#6  
Chloroethane  
Concen: 0.239 ug/l  
RT: 1.721 min Scan# 104  
Delta R.T. 0.018 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

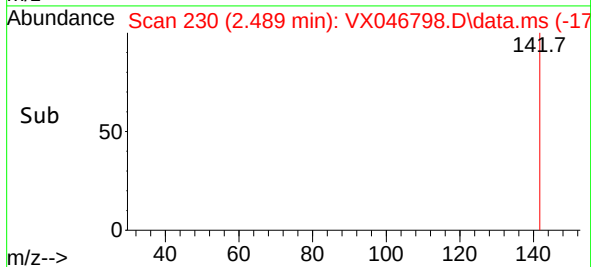
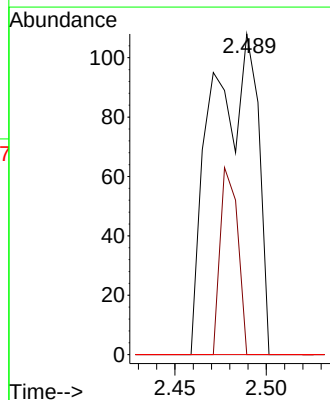
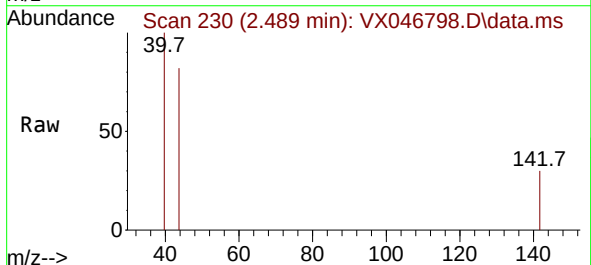
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

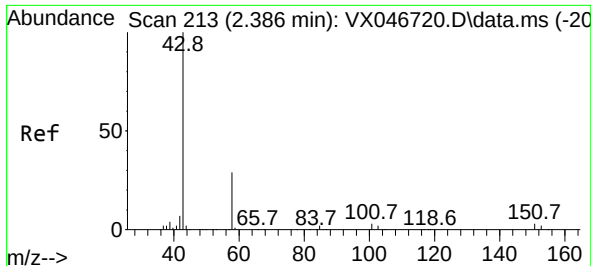
Tgt Ion: 64 Resp: 204  
Ion Ratio Lower Upper  
64 100  
66 0.0 27.1 40.7#



#10  
Methyl Iodide  
Concen: 4.438 ug/l  
RT: 2.489 min Scan# 230  
Delta R.T. 0.018 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

Tgt Ion: 142 Resp: 188  
Ion Ratio Lower Upper  
142 100  
127 22.3 37.0 55.6#  
141 0.0 11.5 17.3#

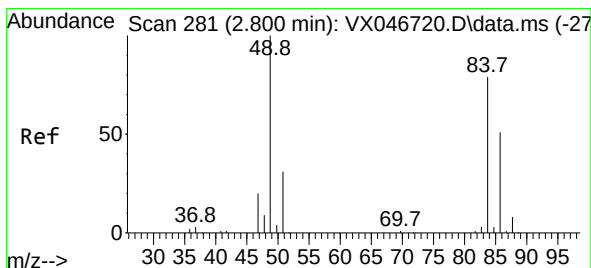
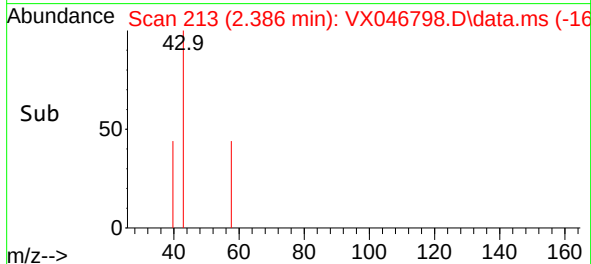
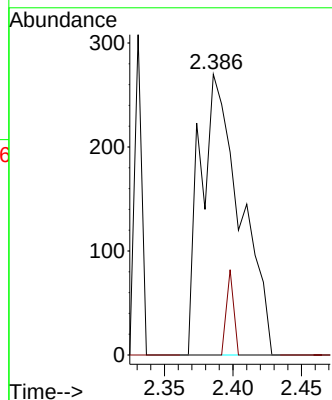
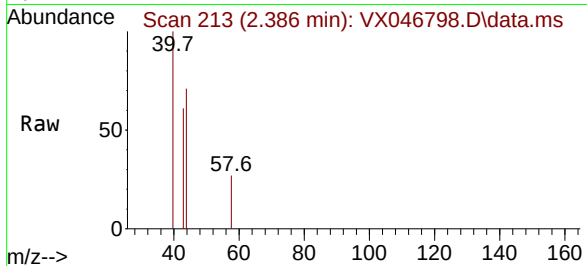




#16  
Acetone  
Concen: 1.039 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

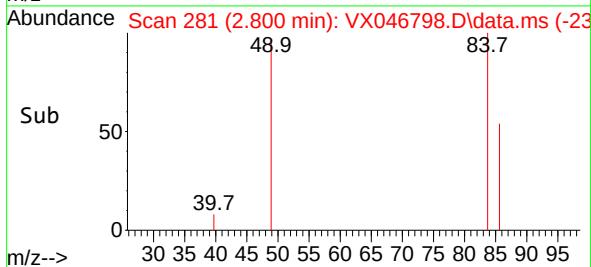
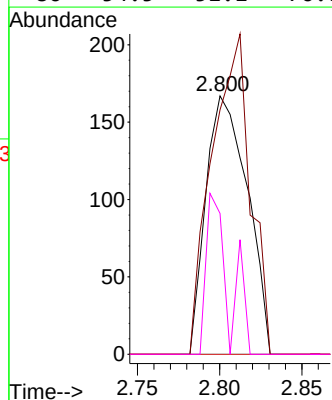
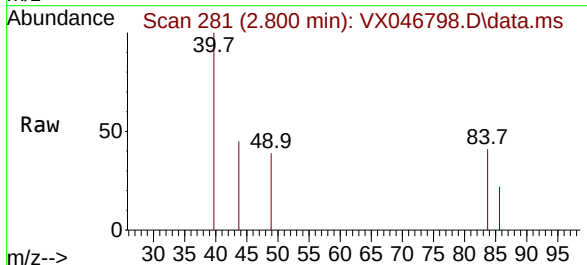
Instrument : MSVOA\_X  
ClientSampleId : STORAGE-BLANK-WATER-REF-5

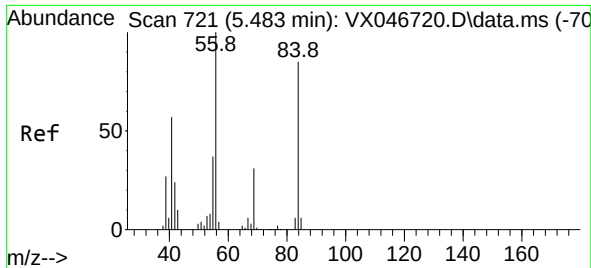
Tgt Ion: 43 Resp: 549  
Ion Ratio Lower Upper  
43 100  
58 0.0 24.5 36.7#



#20  
Methylene Chloride  
Concen: 0.200 ug/l  
RT: 2.800 min Scan# 281  
Delta R.T. -0.000 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

Tgt Ion: 84 Resp: 294  
Ion Ratio Lower Upper  
84 100  
49 94.6 101.3 151.9#  
51 0.0 31.0 46.6#  
86 54.5 51.1 76.7

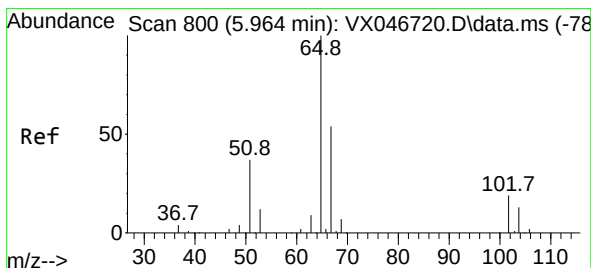
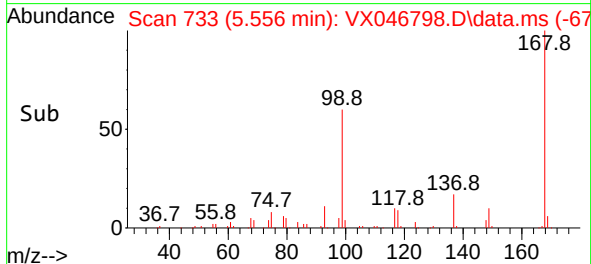
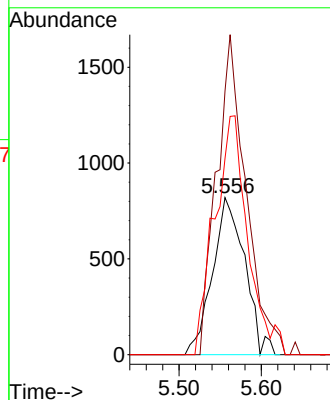
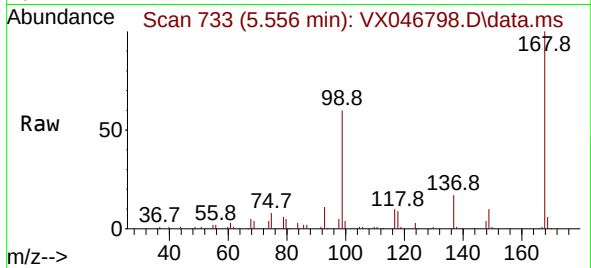




#31  
Cyclohexane  
Concen: 0.941 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.073 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

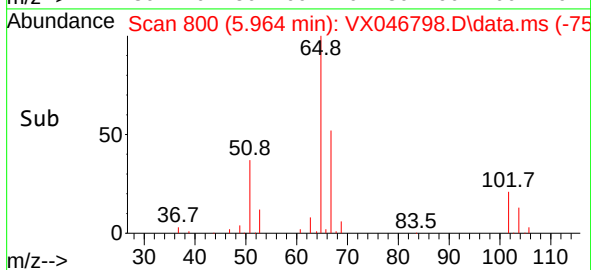
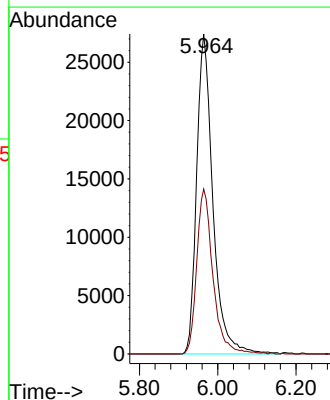
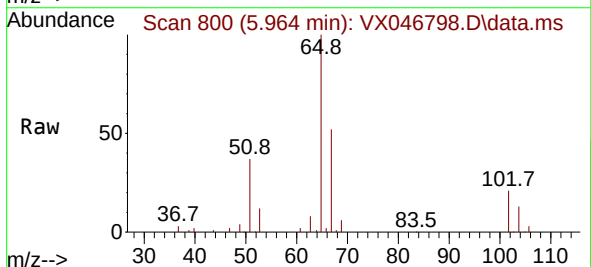
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

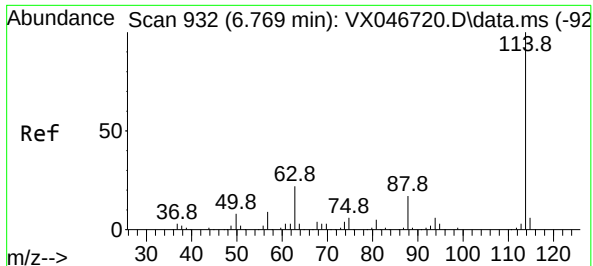
Tgt Ion: 56 Resp: 2234  
Ion Ratio Lower Upper  
56 100  
69 167.7 24.8 37.2#  
84 124.9 68.2 102.2#



#33  
1,2-Dichloroethane-d4  
Concen: 49.856 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

Tgt Ion: 65 Resp: 79020  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 105.4

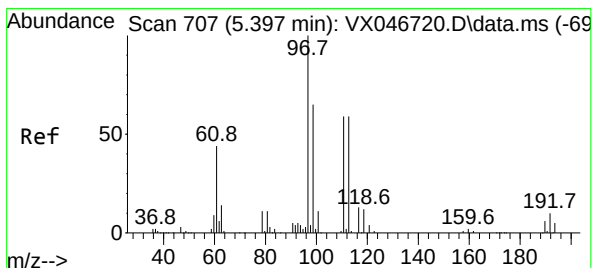
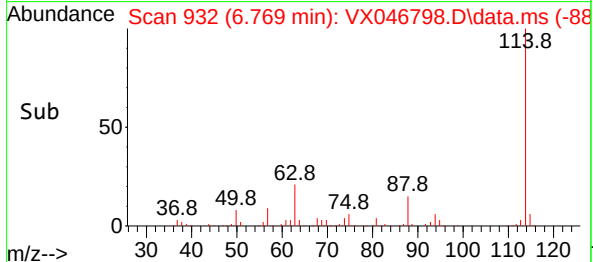
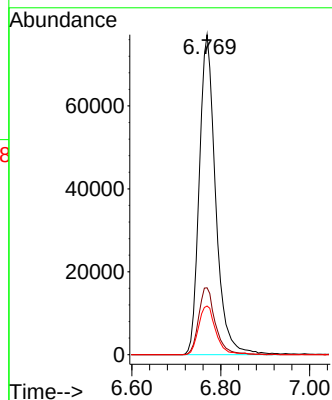
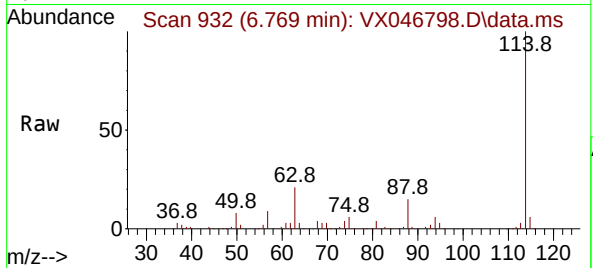




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

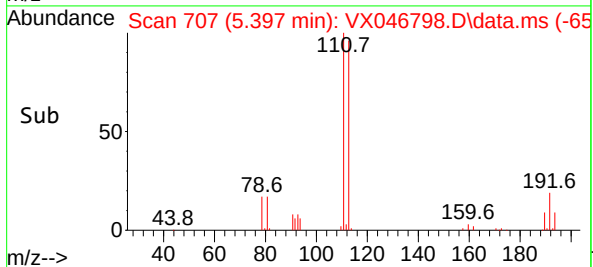
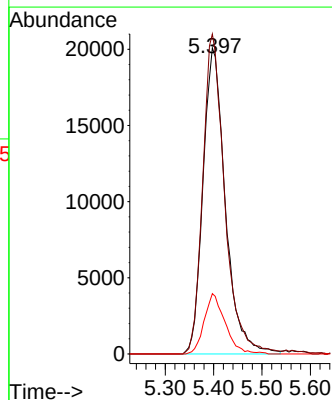
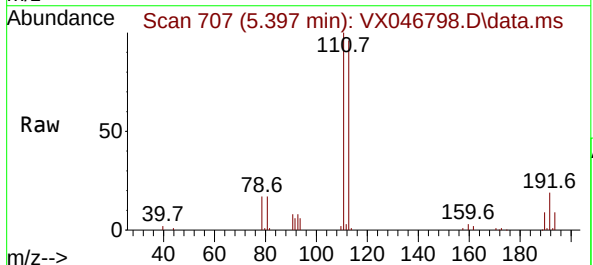
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

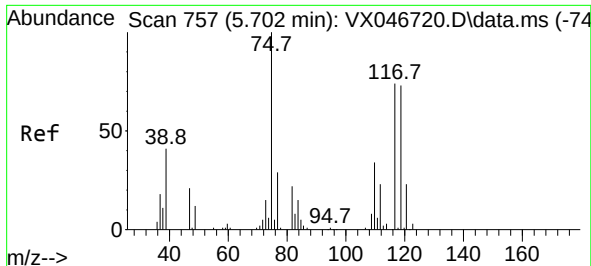
Tgt Ion:114 Resp: 197625  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 44.2  
88 15.2 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 49.320 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

Tgt Ion:113 Resp: 64488  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.0 123.0  
192 18.5 15.3 22.9

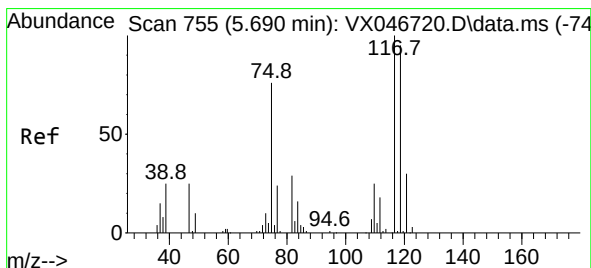
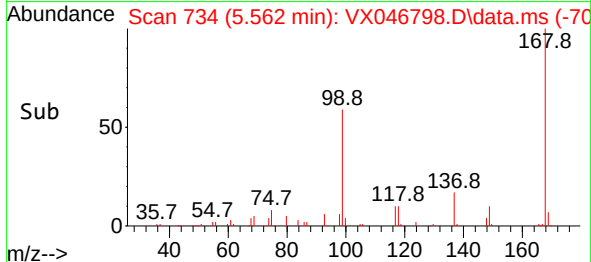
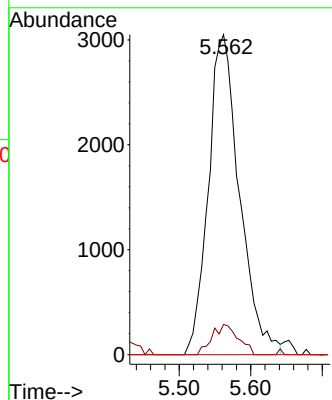
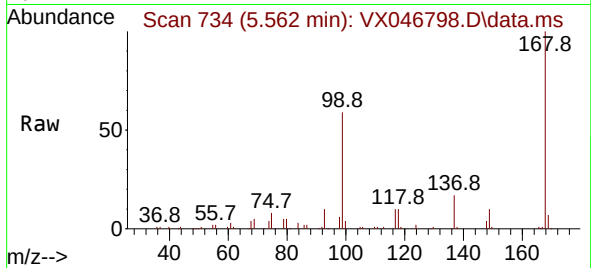




#36  
1,1-Dichloropropene  
Concen: 4.890 ug/l  
RT: 5.562 min Scan# 713  
Delta R.T. -0.140 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

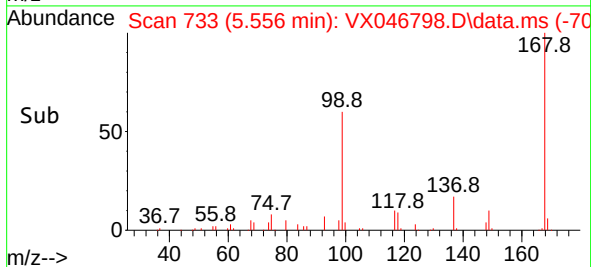
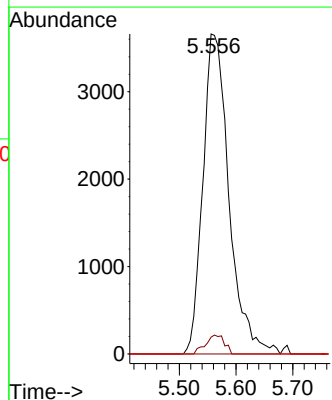
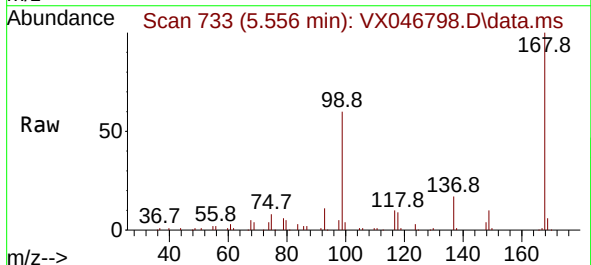
Instrument :  
MSVOA\_X  
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STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 9229  
Ion Ratio Lower Upper  
75 100  
110 7.9 17.2 51.5#  
77 0.0 24.2 36.4#

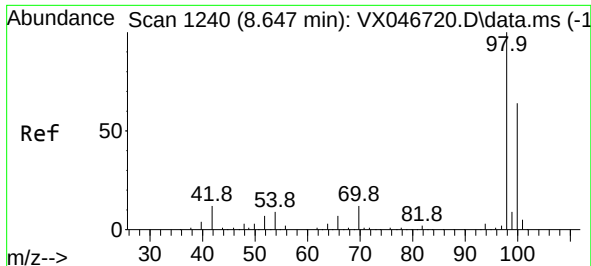


#38  
Carbon Tetrachloride  
Concen: 5.723 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.134 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

Tgt Ion: 117 Resp: 11724  
Ion Ratio Lower Upper  
117 100  
119 5.3 75.2 112.8#  
121 0.0 24.1 36.1#



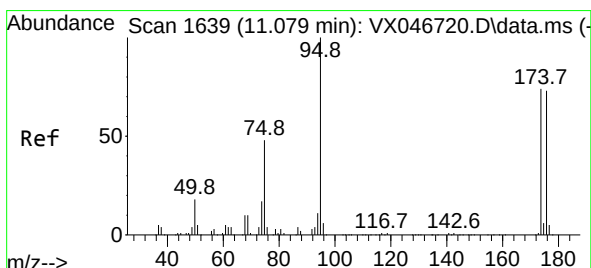
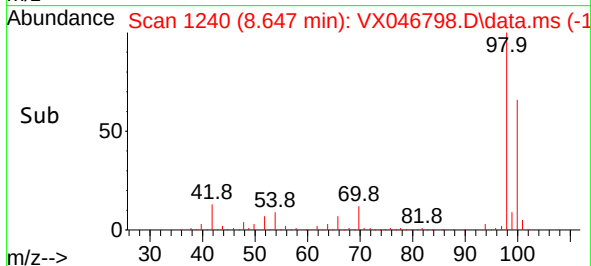
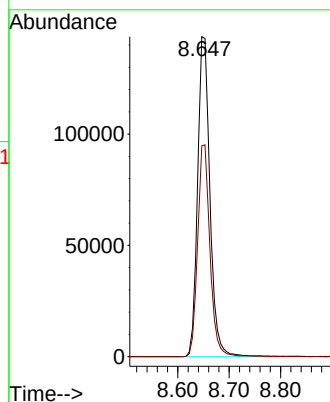
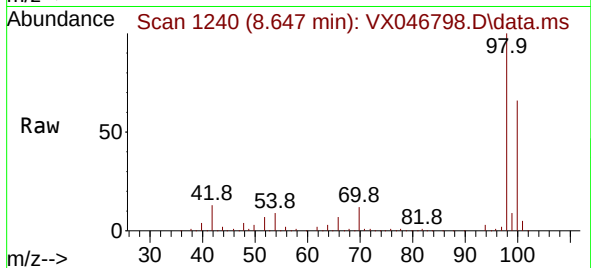




#50  
Toluene-d8  
Concen: 51.129 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

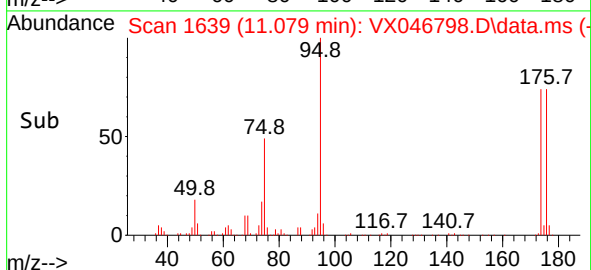
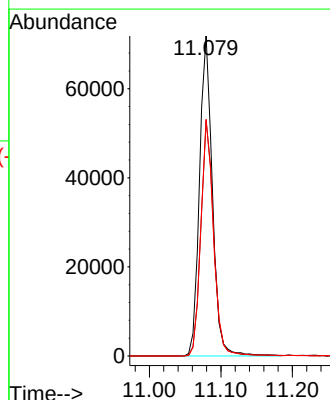
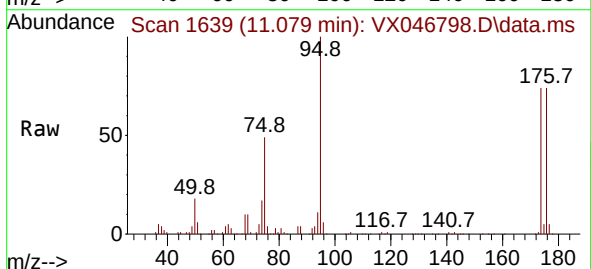
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

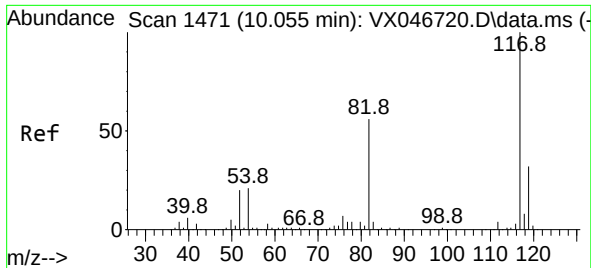
Tgt Ion: 98 Resp: 240191  
Ion Ratio Lower Upper  
98 100  
100 66.0 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 51.303 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

Tgt Ion: 95 Resp: 89839  
Ion Ratio Lower Upper  
95 100  
174 73.5 0.0 150.4  
176 73.0 0.0 145.0

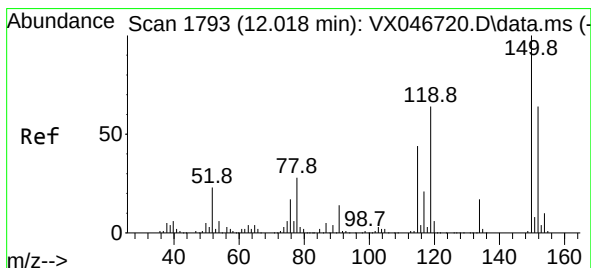
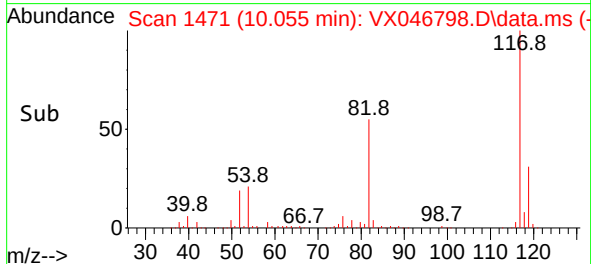
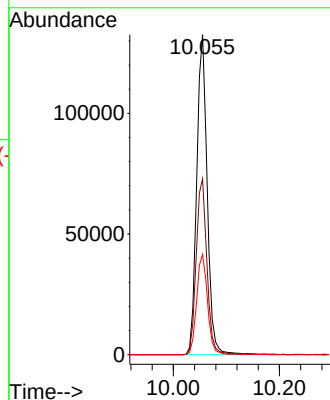
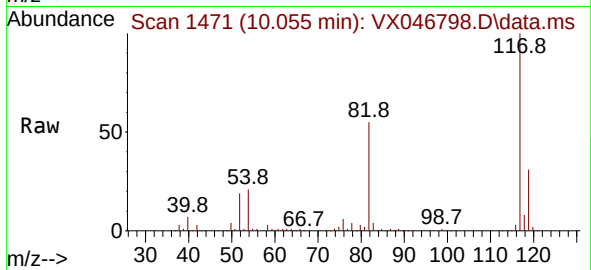




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

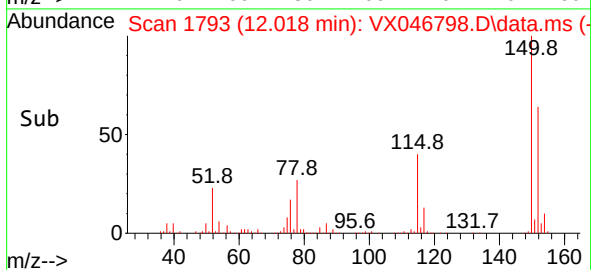
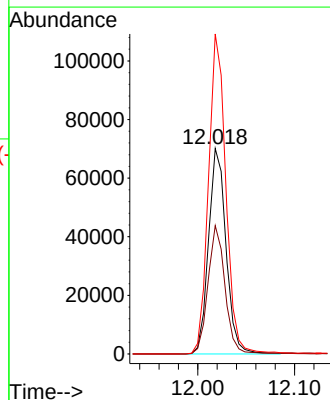
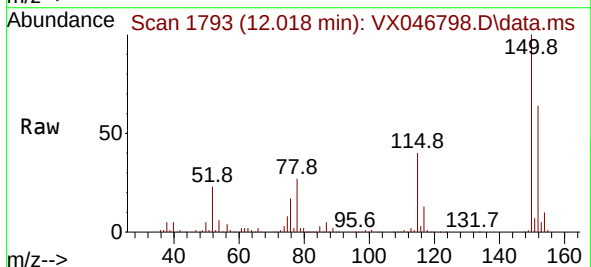
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

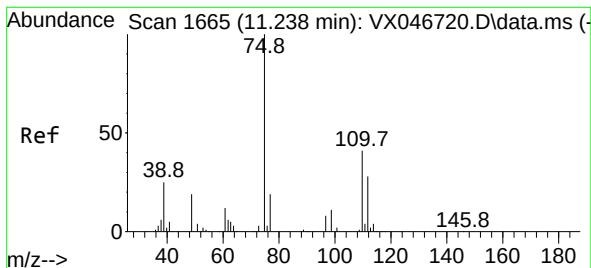
Tgt Ion:117 Resp: 182229  
Ion Ratio Lower Upper  
117 100  
82 55.0 44.6 66.8  
119 31.3 25.8 38.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX046798.D  
Acq: 20 Jun 2025 20:46

Tgt Ion:152 Resp: 88541  
Ion Ratio Lower Upper  
152 100  
115 61.0 43.2 129.6  
150 155.3 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 27.704 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046798.D

Acq: 20 Jun 2025 20:46

Instrument :

MSVOA\_X

ClientSampleId :

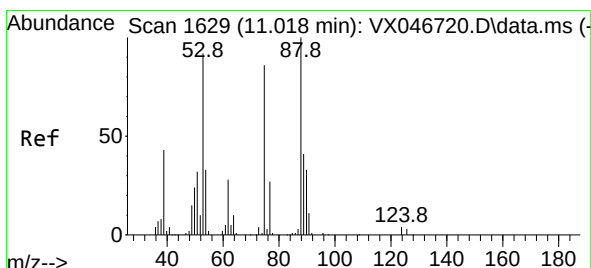
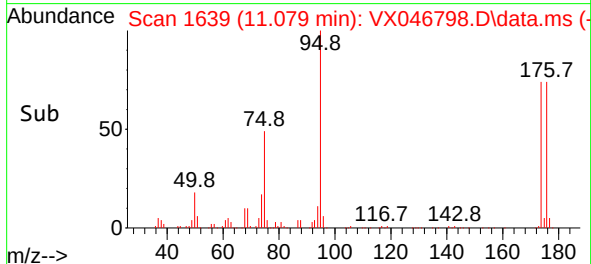
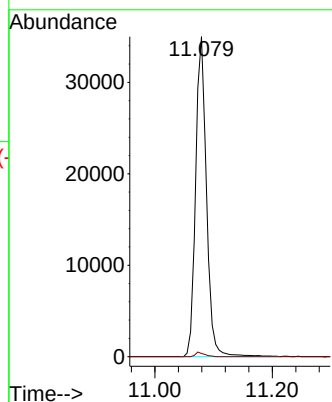
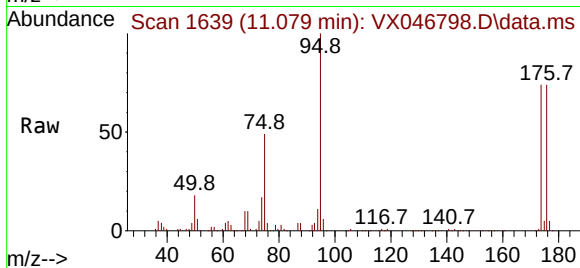
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 44927

Ion Ratio Lower Upper

75 100

77 1.2 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.309 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046798.D

Acq: 20 Jun 2025 20:46

Tgt Ion: 75 Resp: 44927

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

89 0.0 36.9 55.3#

