

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021424\  
 Data File : VX040227.D  
 Acq On : 14 Feb 2024 17:50  
 Operator : JC/MD  
 Sample : P1445-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 15 00:06:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 12 00:21:14 2024  
 Response via : Initial Calibration

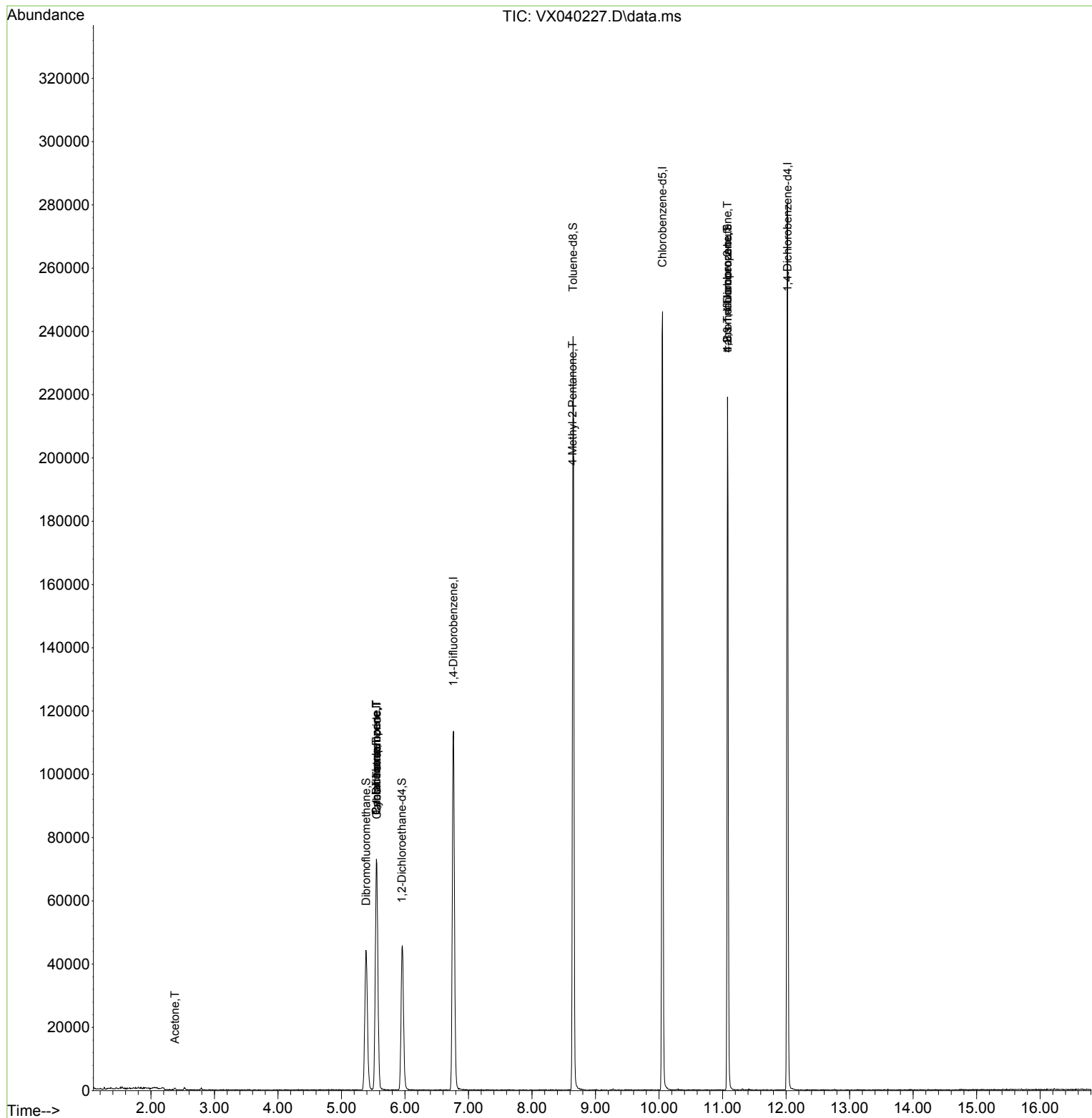
| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 70688    | 50.000    | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 117777   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 113560   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 59447    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 44946    | 42.739    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery  | =      | 85.480%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 38238    | 46.491    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 92.980%  |
| 50) Toluene-d8                | 8.647  | 98    | 142509   | 46.319    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery  | =      | 92.640%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 57399    | 45.744    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 91.480%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 16) Acetone                   | 2.380  | 43    | 663      | 1.535     | ug/l # | 74       |
| 20) Methylene Chloride        | 2.794  | 84    | 223      | Below Cal | #      | 81       |
| 31) Cyclohexane               | 5.550  | 56    | 1564     | 1.247     | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 5793     | 5.028     | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 7168     | 6.543     | ug/l # | 14       |
| 51) 4-Methyl-2-Pentanone      | 8.641  | 43    | 637      | 0.466     | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 29985    | 24.908    | ug/l # | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 29985    | 68.529    | ug/l # | 5        |
| -----                         |        |       |          |           |        |          |

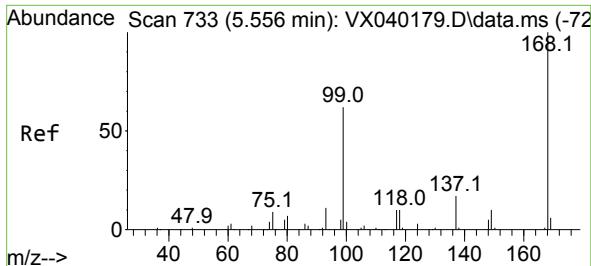
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Quant Time: Feb 15 00:06:01 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X020924W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 12 00:21:14 2024  
Response via : Initial Calibration

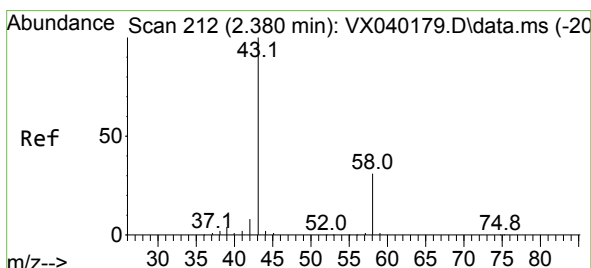
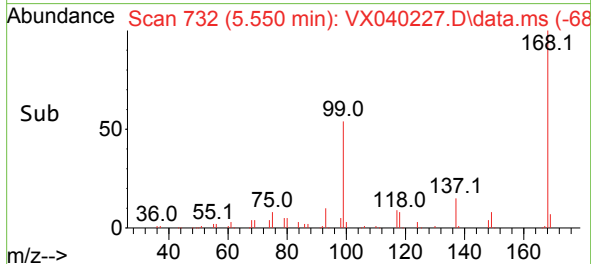
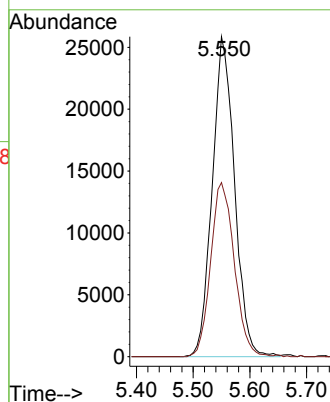
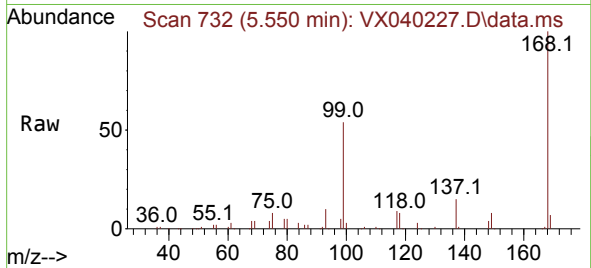




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040227.D  
Acq: 14 Feb 2024 17:50

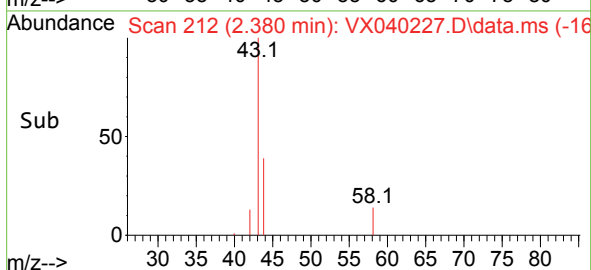
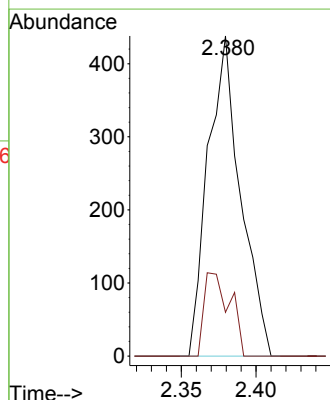
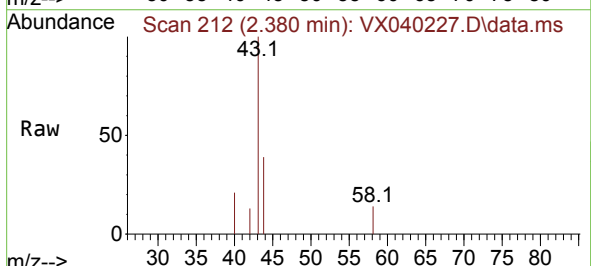
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

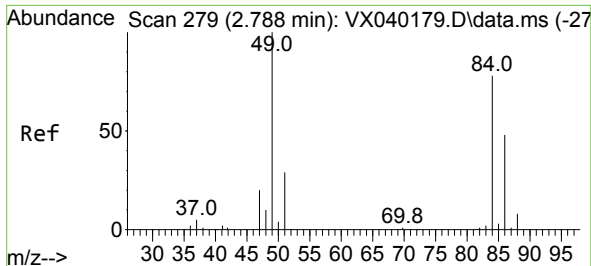
Tgt Ion:168 Resp: 70688  
Ion Ratio Lower Upper  
168 100  
99 54.4 56.6 85.0#



#16  
Acetone  
Concen: 1.535 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX040227.D  
Acq: 14 Feb 2024 17:50

Tgt Ion: 43 Resp: 663  
Ion Ratio Lower Upper  
43 100  
58 13.7 21.9 32.9#

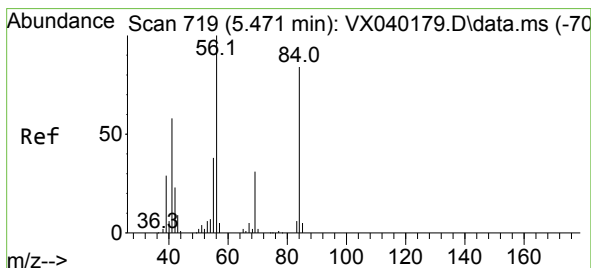
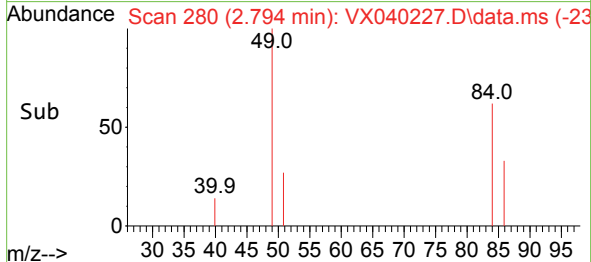
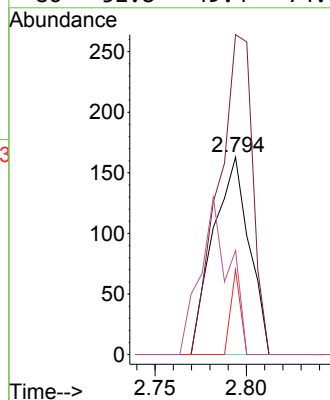
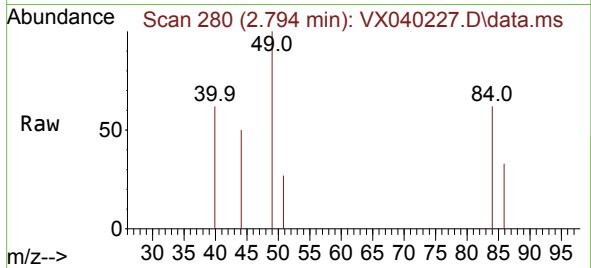




#20  
Methylene Chloride  
Concen: Below Cal  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX040227.D  
Acq: 14 Feb 2024 17:50

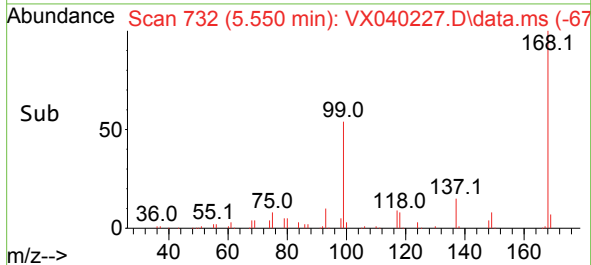
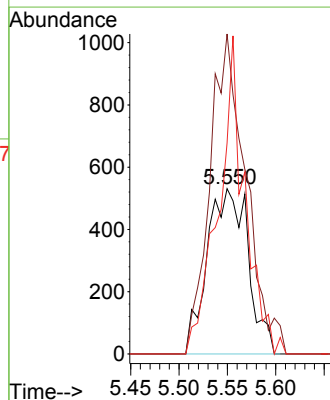
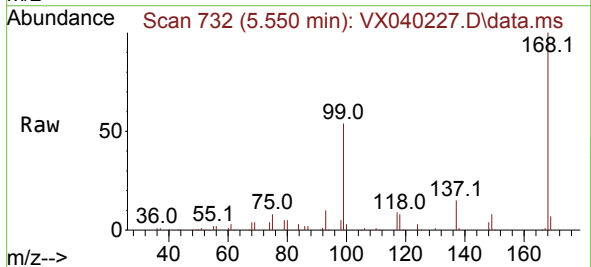
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

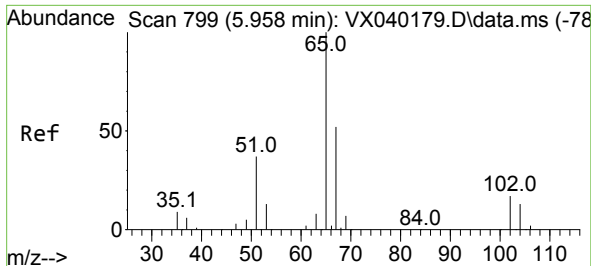
|             |              |
|-------------|--------------|
| Tgt Ion: 84 | Resp: 223    |
| Ion Ratio   | Lower Upper  |
| 84 100      |              |
| 49 162.0    | 103.6 155.4# |
| 51 42.9     | 33.8 50.6    |
| 86 52.8     | 49.4 74.0    |



#31  
Cyclohexane  
Concen: 1.247 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. 0.079 min  
Lab File: VX040227.D  
Acq: 14 Feb 2024 17:50

|             |             |
|-------------|-------------|
| Tgt Ion: 56 | Resp: 1564  |
| Ion Ratio   | Lower Upper |
| 56 100      |             |
| 69 193.6    | 23.4 35.2#  |
| 84 127.7    | 65.9 98.9#  |





#33

1,2-Dichloroethane-d4

Concen: 42.739 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040227.D

Acq: 14 Feb 2024 17:50

Instrument :

MSVOA\_X

ClientSampleId :

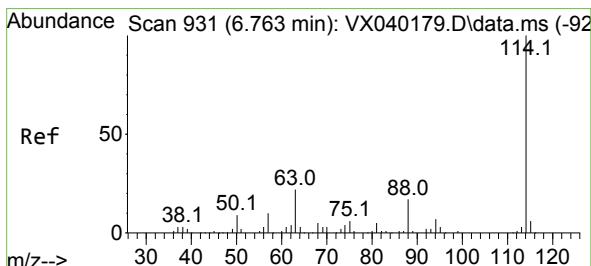
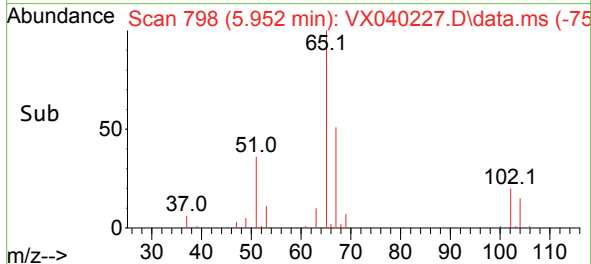
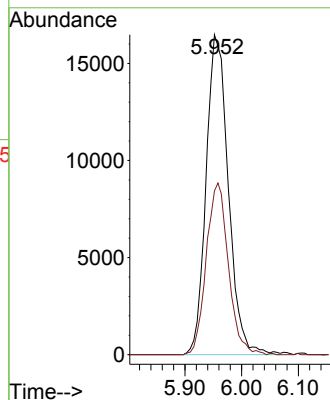
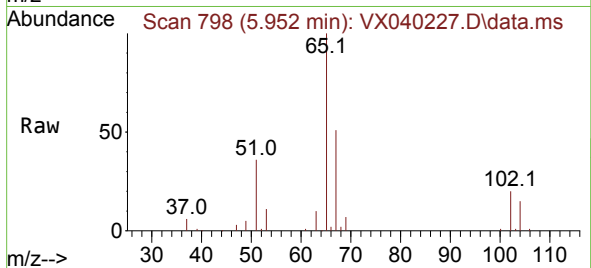
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 44946

Ion Ratio Lower Upper

65 100

67 53.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040227.D

Acq: 14 Feb 2024 17:50

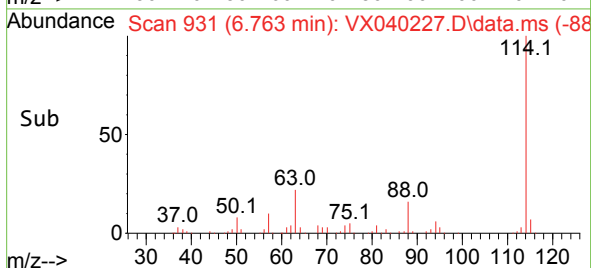
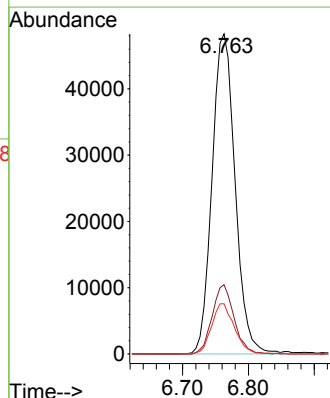
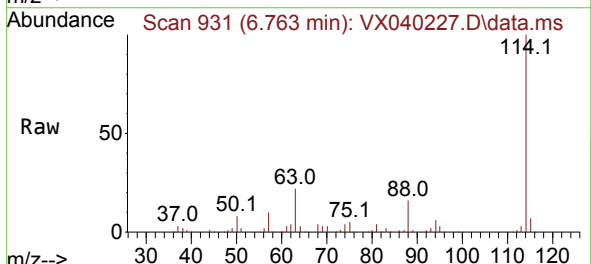
Tgt Ion: 114 Resp: 117777

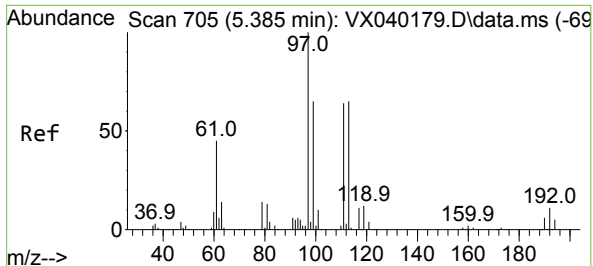
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.491 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040227.D

Acq: 14 Feb 2024 17:50

Instrument :

MSVOA\_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

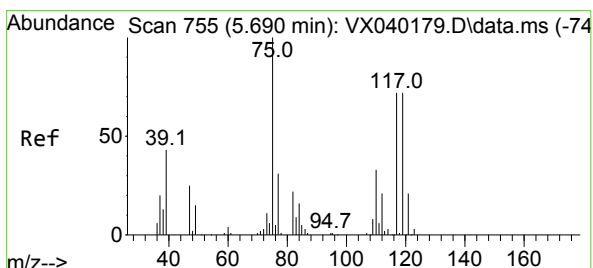
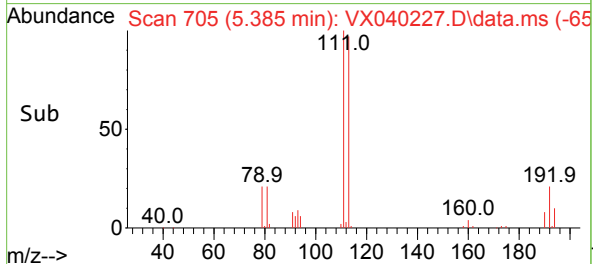
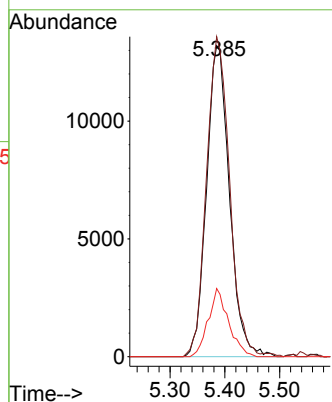
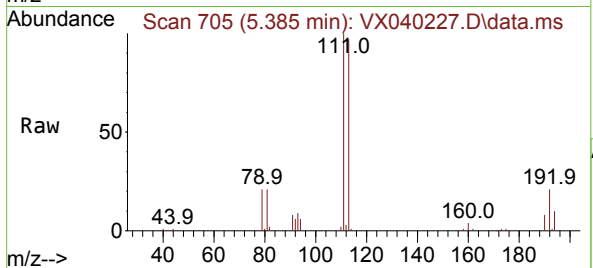
Tgt Ion:113 Resp: 38238

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

192 19.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.028 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX040227.D

Acq: 14 Feb 2024 17:50

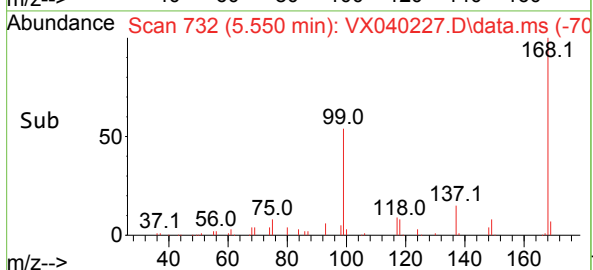
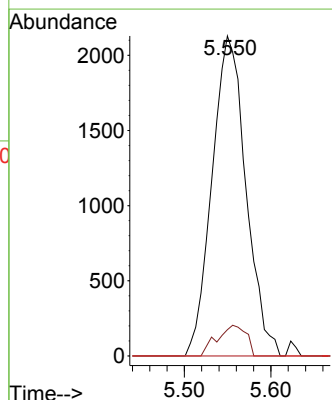
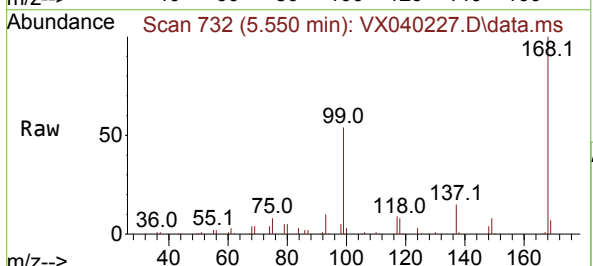
Tgt Ion: 75 Resp: 5793

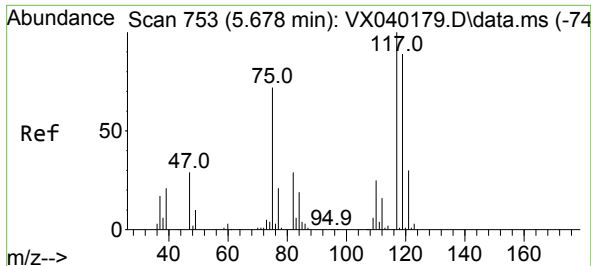
Ion Ratio Lower Upper

75 100

110 8.2 17.0 50.9#

77 0.0 24.7 37.1#

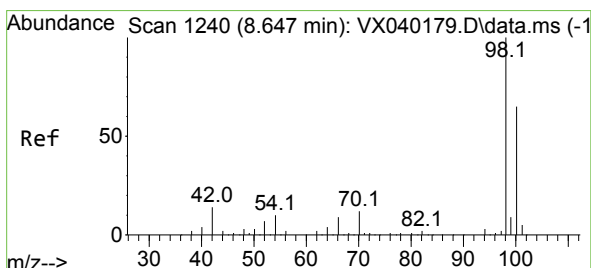
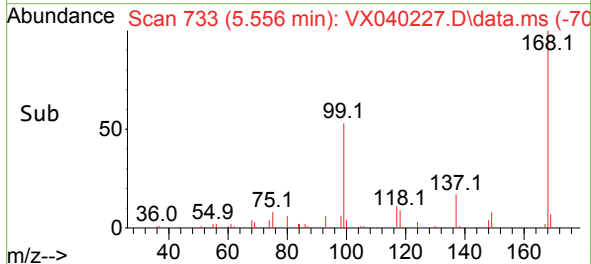
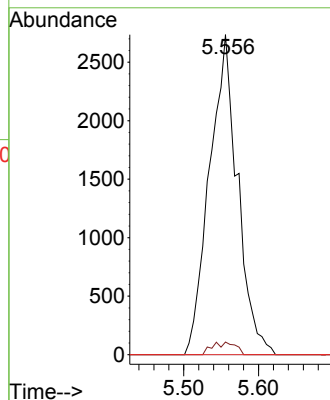
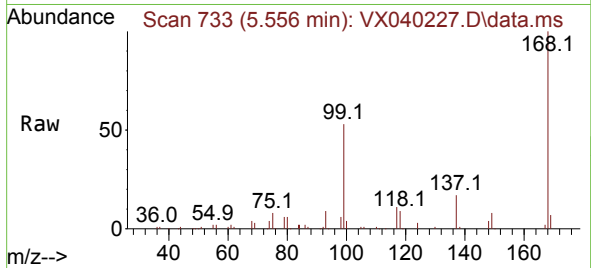




#38  
Carbon Tetrachloride  
Concen: 6.543 ug/l  
RT: 5.556 min Scan# 7168  
Delta R.T. -0.116 min  
Lab File: VX040227.D  
Acq: 14 Feb 2024 17:50

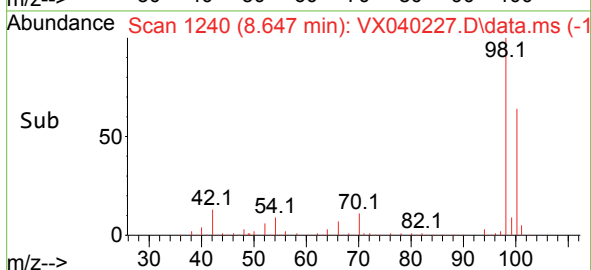
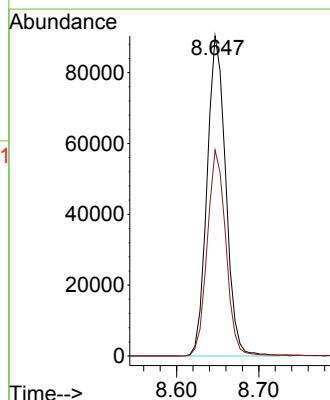
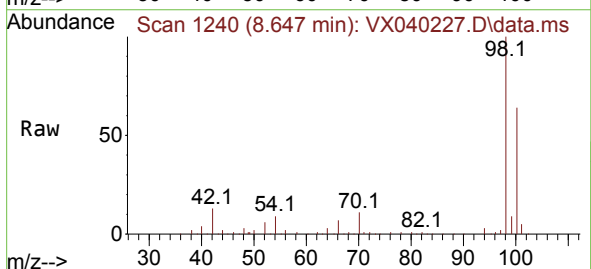
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ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

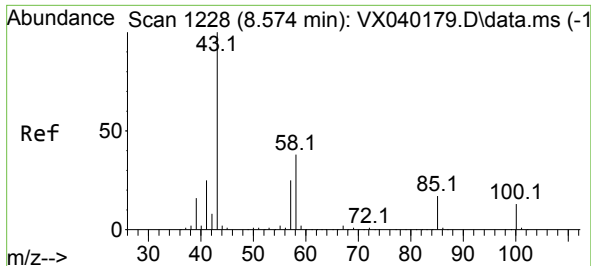
Tgt Ion:117 Resp: 7168  
Ion Ratio Lower Upper  
117 100  
119 3.9 78.2 117.2#  
121 0.0 24.4 36.6#



#50  
Toluene-d8  
Concen: 46.319 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX040227.D  
Acq: 14 Feb 2024 17:50

Tgt Ion: 98 Resp: 142509  
Ion Ratio Lower Upper  
98 100  
100 64.1 53.1 79.7

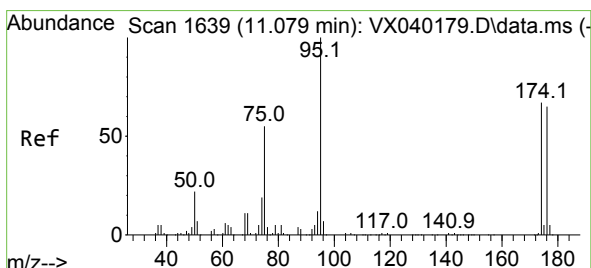
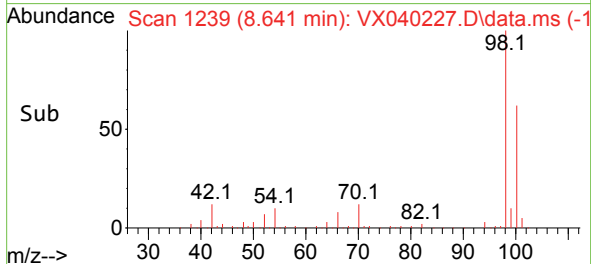
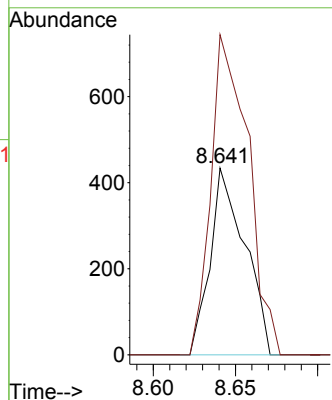
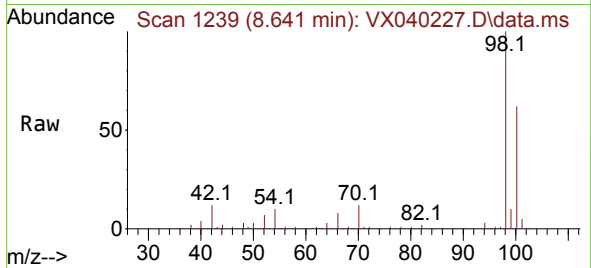




#51  
4-Methyl-2-Pentanone  
Concen: 0.466 ug/l  
RT: 8.641 min Scan# 1239  
Delta R.T. 0.067 min  
Lab File: VX040227.D  
Acq: 14 Feb 2024 17:50

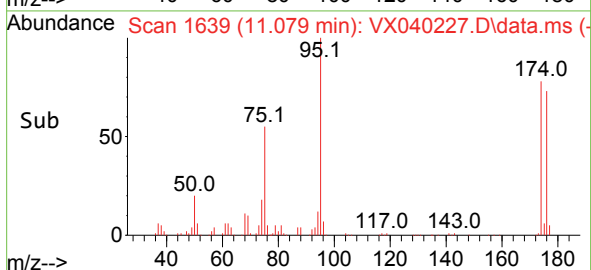
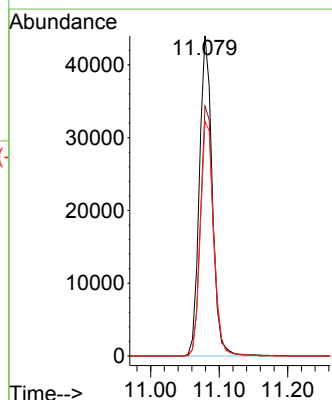
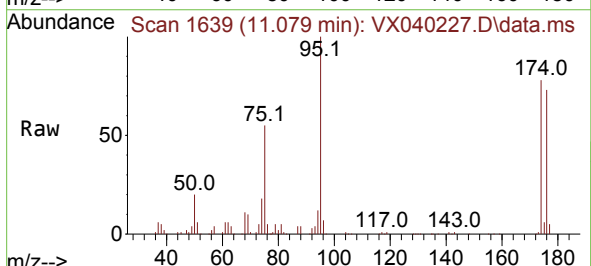
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ClientSampleId : STORAGE-BLANK-WATER-REF-5

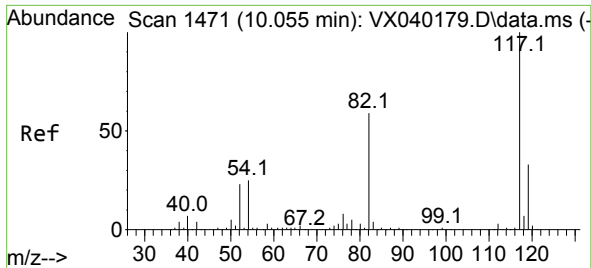
Tgt Ion: 43 Resp: 637  
Ion Ratio Lower Upper  
43 100  
58 183.7 30.4 45.6#



#62  
4-Bromofluorobenzene  
Concen: 45.744 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040227.D  
Acq: 14 Feb 2024 17:50

Tgt Ion: 95 Resp: 57399  
Ion Ratio Lower Upper  
95 100  
174 78.0 0.0 135.6  
176 75.8 0.0 131.0

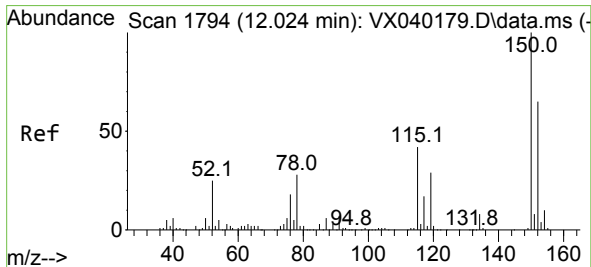
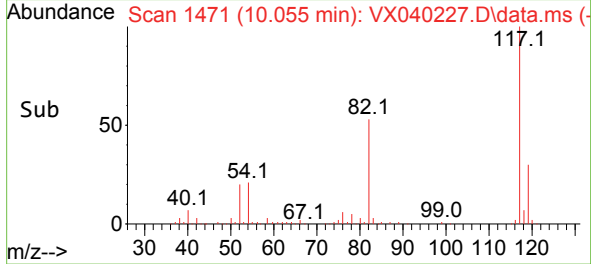
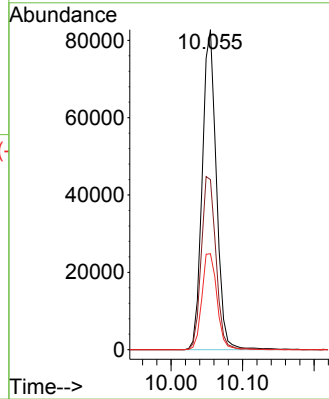
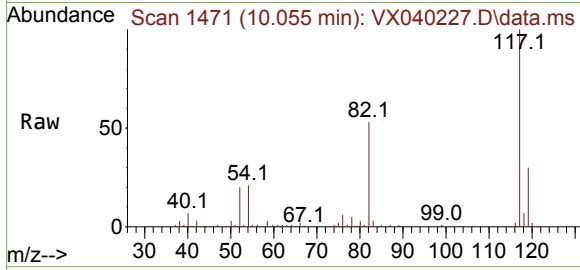




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040227.D  
Acq: 14 Feb 2024 17:50

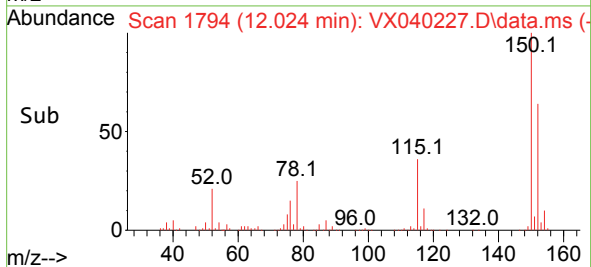
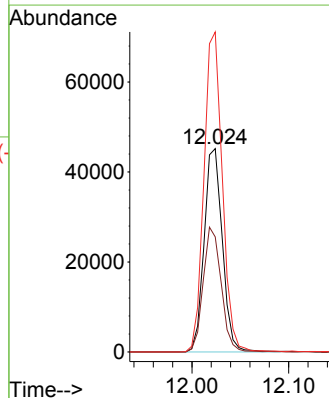
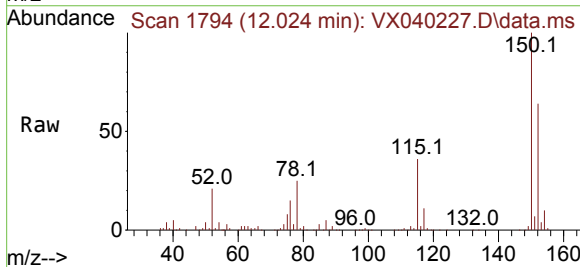
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

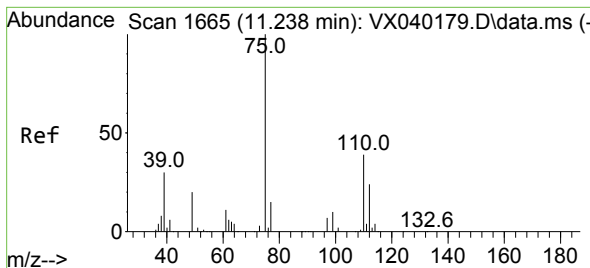
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:117 | Resp: | 113560      |
| Ion         | Ratio | Lower Upper |
| 117         | 100   |             |
| 82          | 53.1  | 46.2 69.4   |
| 119         | 30.0  | 25.5 38.3   |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX040227.D  
Acq: 14 Feb 2024 17:50

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:152 | Resp: | 59447       |
| Ion         | Ratio | Lower Upper |
| 152         | 100   |             |
| 115         | 60.5  | 43.3 129.9  |
| 150         | 158.5 | 0.0 345.0   |





#76

1,2,3-Trichloropropane

Concen: 24.908 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040227.D

Acq: 14 Feb 2024 17:50

Instrument :

MSVOA\_X

ClientSampleId :

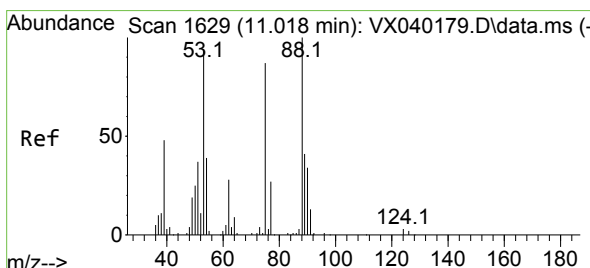
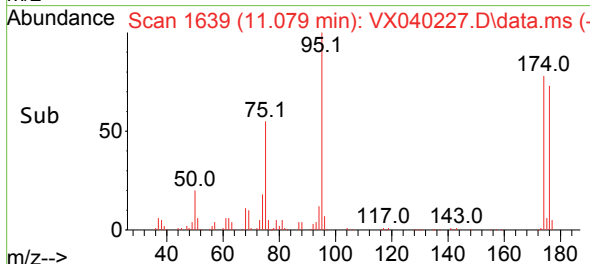
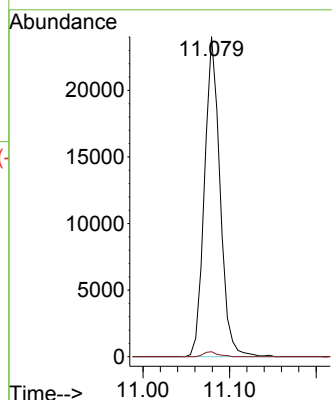
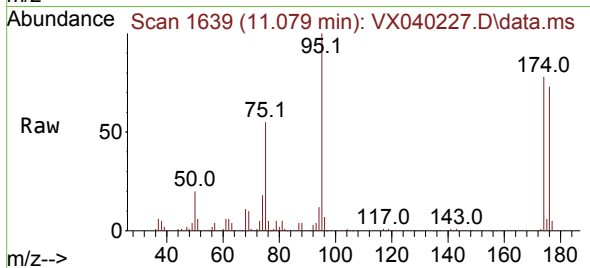
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 29985

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.529 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040227.D

Acq: 14 Feb 2024 17:50

Tgt Ion: 75 Resp: 29985

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

