

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040824\  
 Data File : VX040926.D  
 Acq On : 08 Apr 2024 13:47  
 Operator : JC/MD  
 Sample : P2004-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Apr 09 02:48:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 02 05:40:55 2024  
 Response via : Initial Calibration

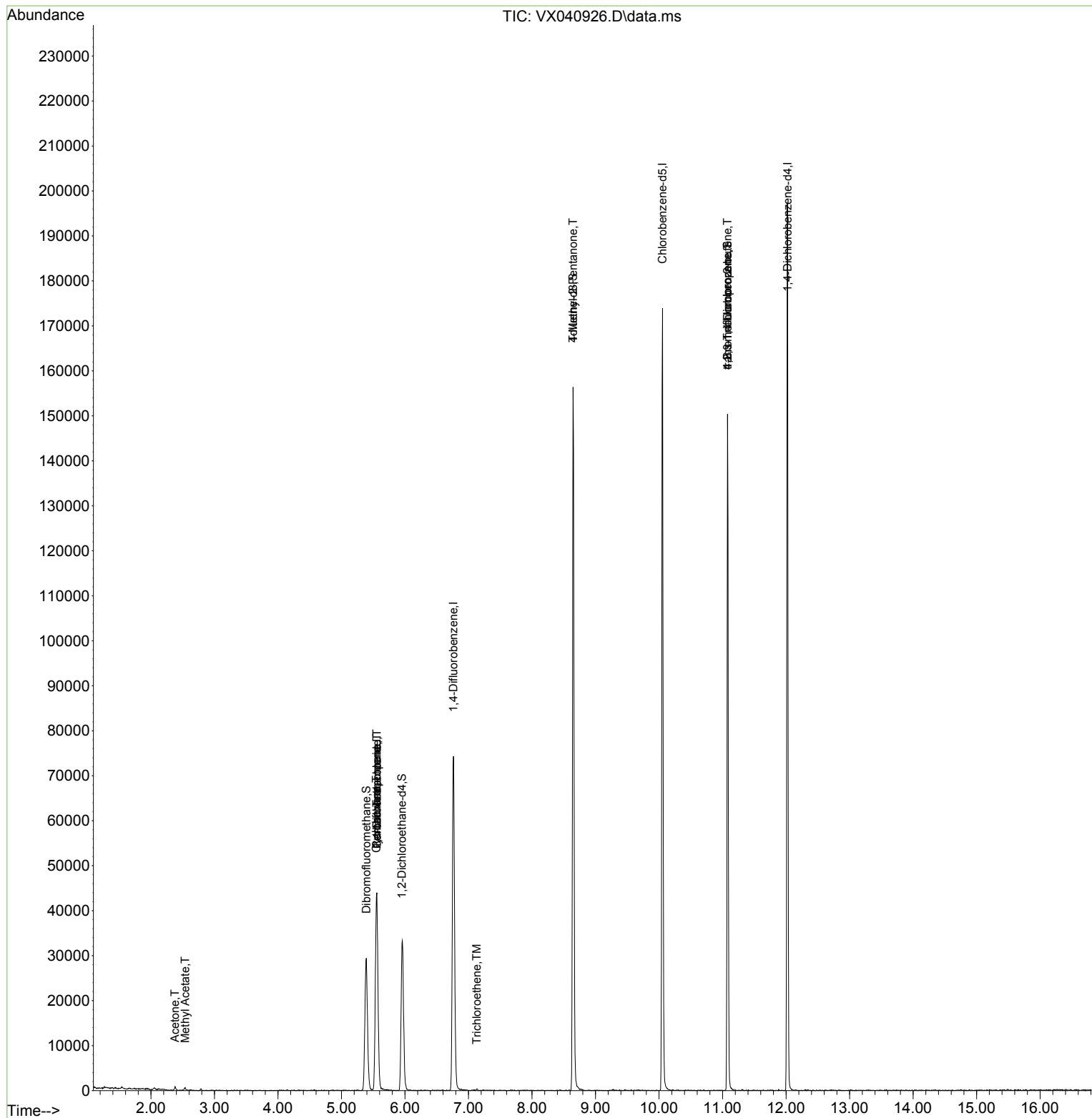
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 39040    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 72262    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 72200    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 38999    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 34386    | 49.089   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 98.180%  |
| 35) Dibromofluoromethane      | 5.391  | 113   | 24625    | 48.112   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 96.220%  |
| 50) Toluene-d8                | 8.647  | 98    | 91968    | 49.726   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 99.460%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 37559    | 50.853   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 101.700% |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Acetone                   | 2.379  | 43    | 782      | 2.875    | ug/l # | 86       |
| 18) Methyl Acetate            | 2.538  | 43    | 166      | 0.257    | ug/l # | 53       |
| 31) Cyclohexane               | 5.550  | 56    | 943      | 1.269    | ug/l # | 11       |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 3684     | 5.066    | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 4350     | 5.403    | ug/l # | 15       |
| 44) Trichloroethene           | 7.129  | 130   | 102      | 0.202    | ug/l   | 63       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 466      | 0.509    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 22750    | 27.356   | ug/l # | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 22750    | 73.808   | ug/l # | 5        |
| -----                         |        |       |          |          |        |          |

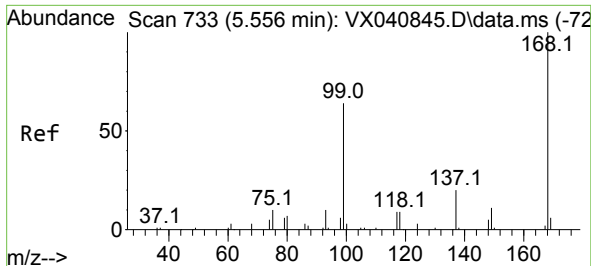
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Apr 09 02:48:08 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 02 05:40:55 2024  
Response via : Initial Calibration

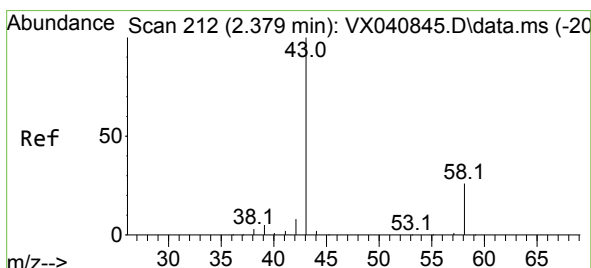
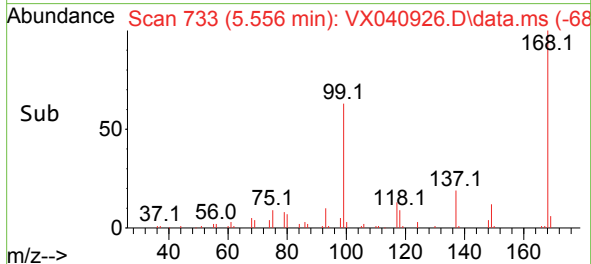
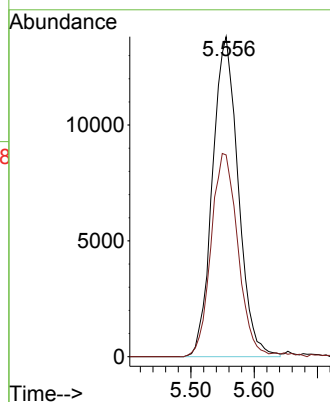
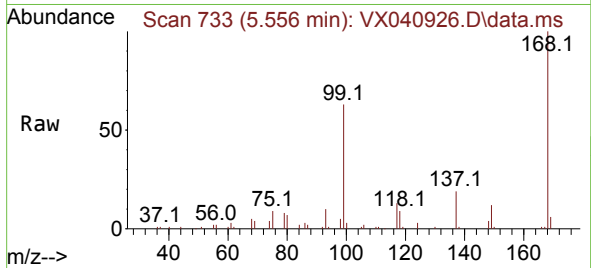




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040926.D  
Acq: 08 Apr 2024 13:47

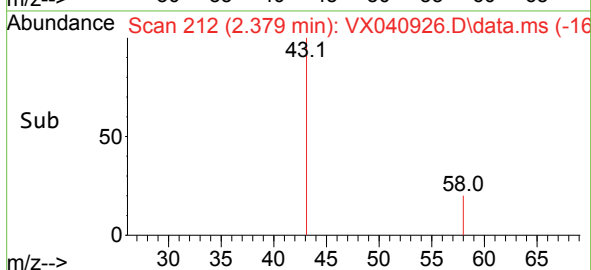
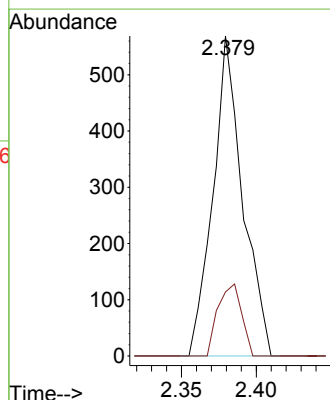
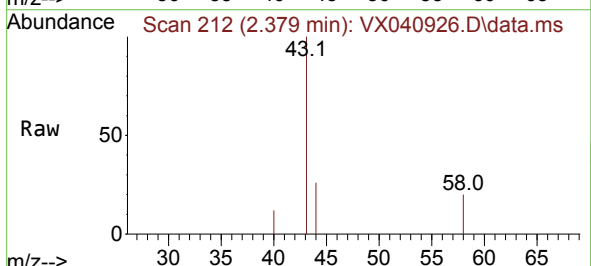
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

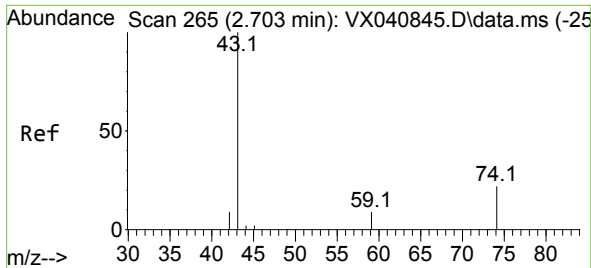
Tgt Ion:168 Resp: 39040  
Ion Ratio Lower Upper  
168 100  
99 63.0 56.6 85.0



#16  
Acetone  
Concen: 2.875 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX040926.D  
Acq: 08 Apr 2024 13:47

Tgt Ion: 43 Resp: 782  
Ion Ratio Lower Upper  
43 100  
58 20.0 21.9 32.9#

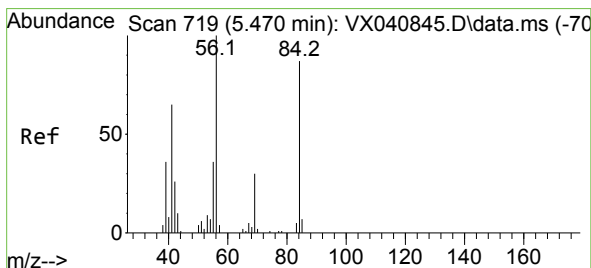
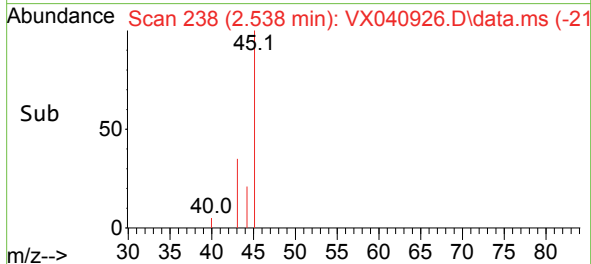
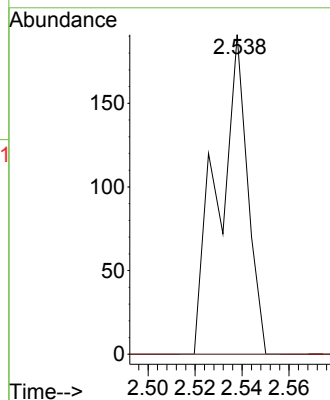
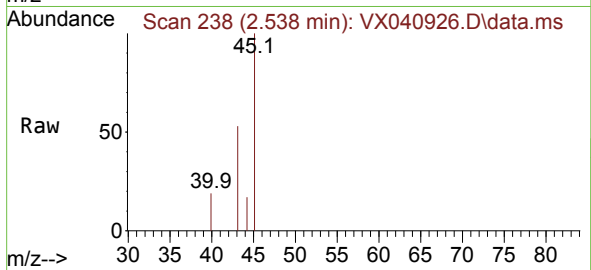




#18  
Methyl Acetate  
Concen: 0.257 ug/l  
RT: 2.538 min Scan# 21  
Delta R.T. -0.165 min  
Lab File: VX040926.D  
Acq: 08 Apr 2024 13:47

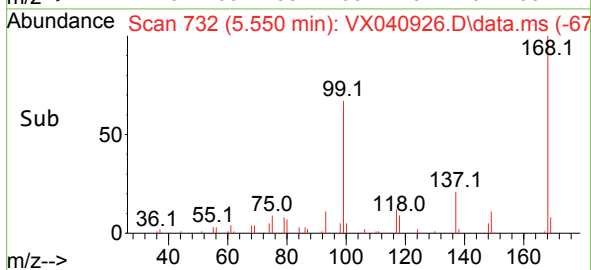
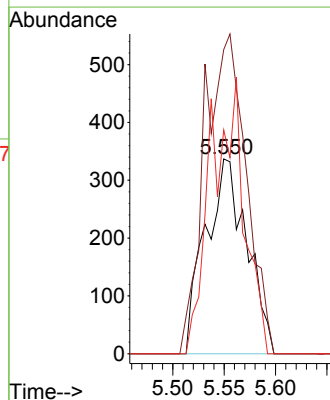
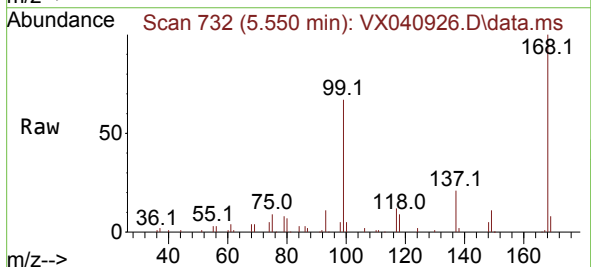
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

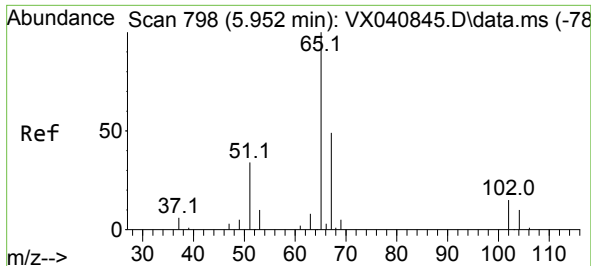
Tgt Ion: 43 Resp: 166  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.8 26.8#



#31  
Cyclohexane  
Concen: 1.269 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. 0.079 min  
Lab File: VX040926.D  
Acq: 08 Apr 2024 13:47

Tgt Ion: 56 Resp: 943  
Ion Ratio Lower Upper  
56 100  
69 156.1 23.4 35.2#  
84 114.8 65.9 98.9#

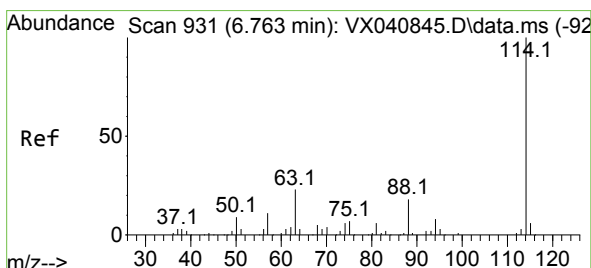
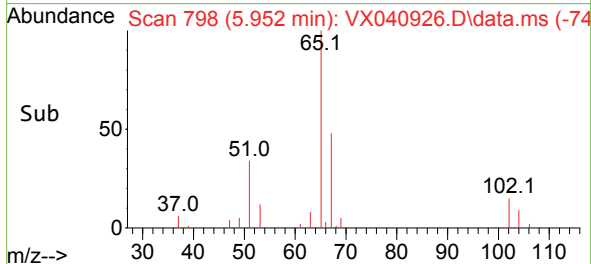
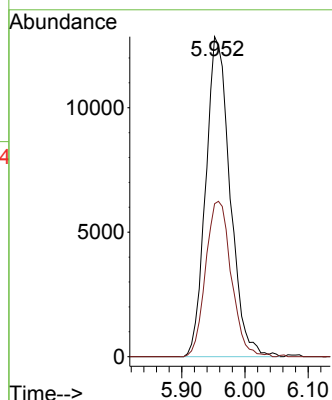
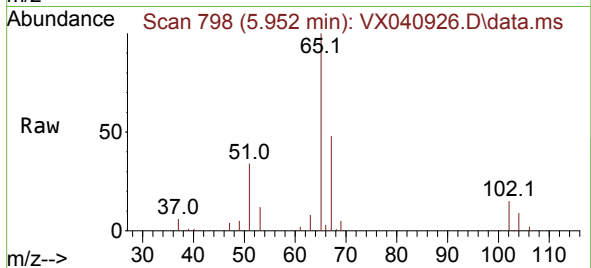




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.089 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. -0.000 min  
 Lab File: VX040926.D  
 Acq: 08 Apr 2024 13:47

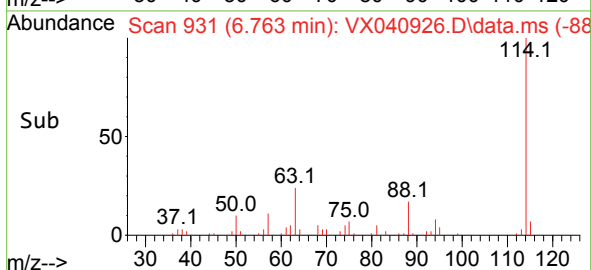
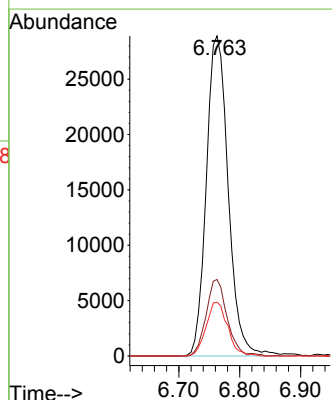
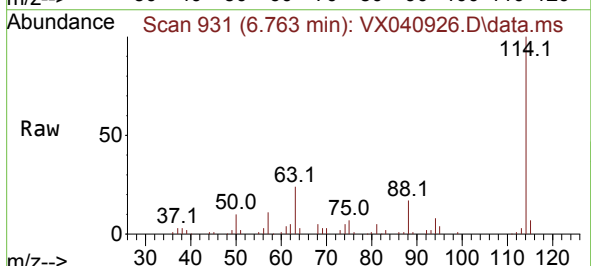
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-5

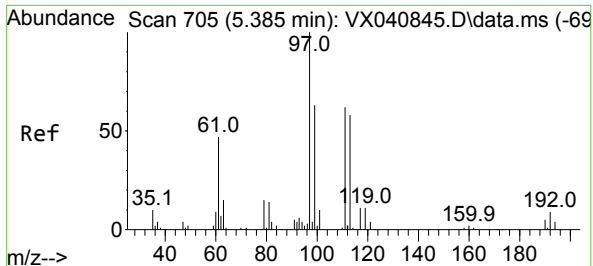
Tgt Ion: 65 Resp: 34386  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.000 min  
 Lab File: VX040926.D  
 Acq: 08 Apr 2024 13:47

Tgt Ion: 114 Resp: 72262  
 Ion Ratio Lower Upper  
 114 100  
 63 23.9 0.0 45.0  
 88 16.8 0.0 36.6

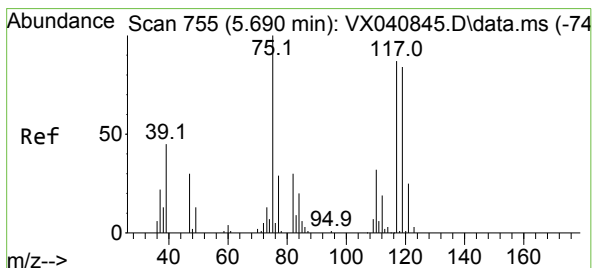
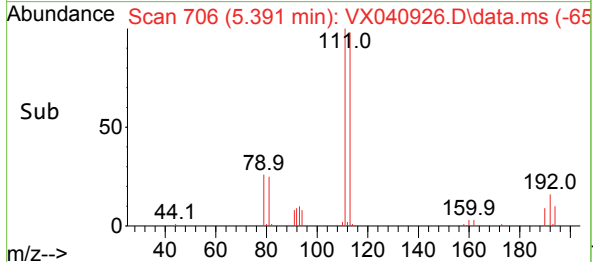
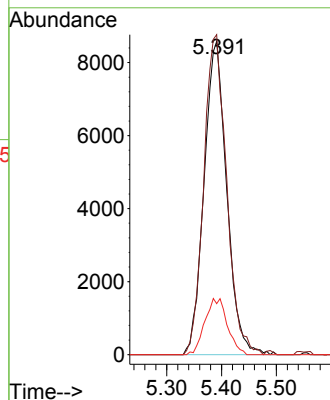
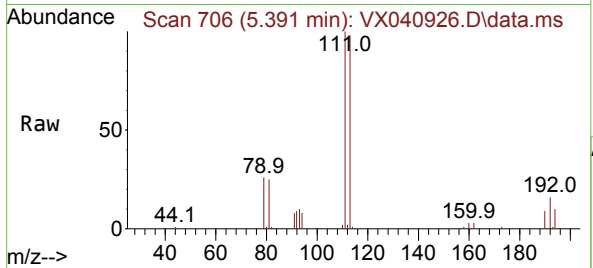




#35  
Dibromofluoromethane  
Concen: 48.112 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX040926.D  
Acq: 08 Apr 2024 13:47

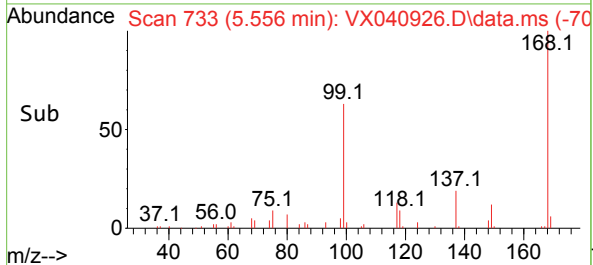
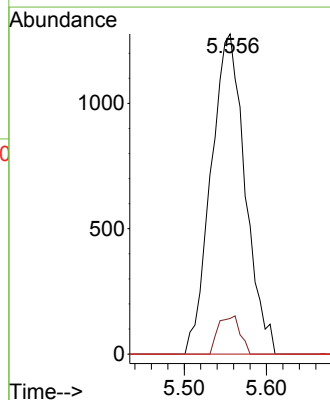
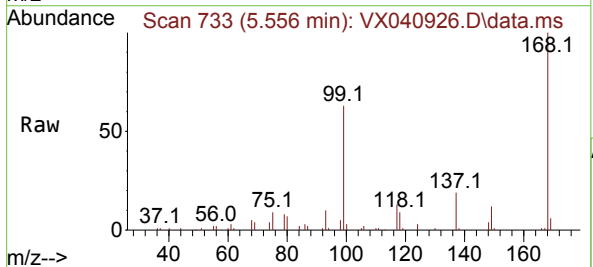
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

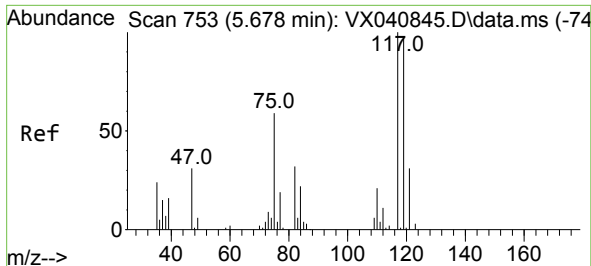
Tgt Ion:113 Resp: 24625  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.9 124.3  
192 17.8 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 5.066 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.134 min  
Lab File: VX040926.D  
Acq: 08 Apr 2024 13:47

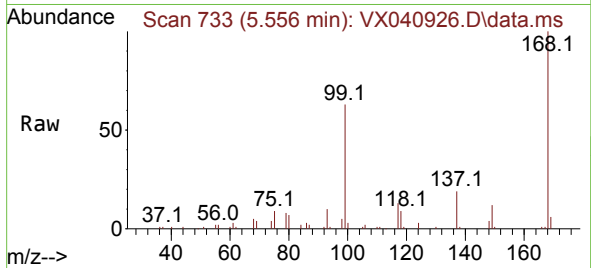
Tgt Ion: 75 Resp: 3684  
Ion Ratio Lower Upper  
75 100  
110 7.6 17.0 50.9#  
77 0.0 24.7 37.1#



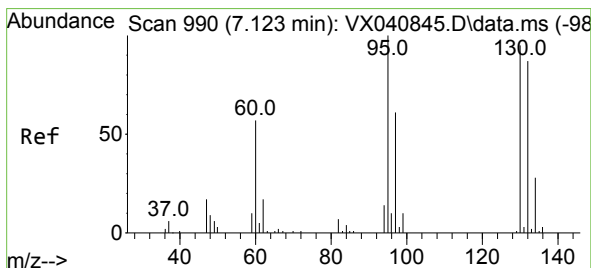
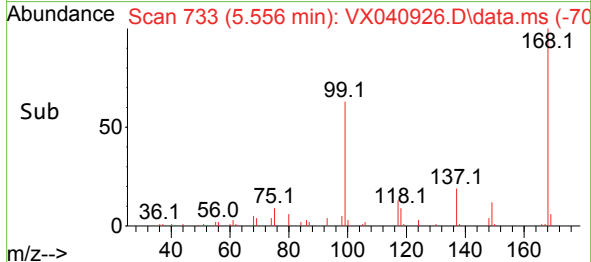
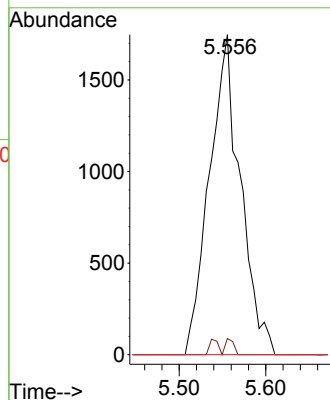


#38  
Carbon Tetrachloride  
Concen: 5.403 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.122 min  
Lab File: VX040926.D  
Acq: 08 Apr 2024 13:47

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

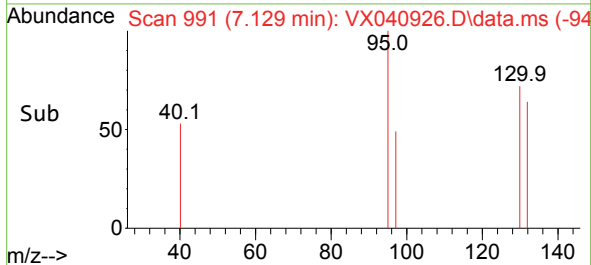
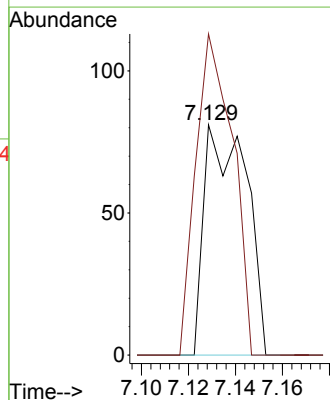
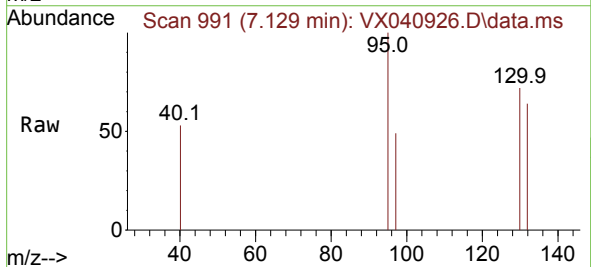


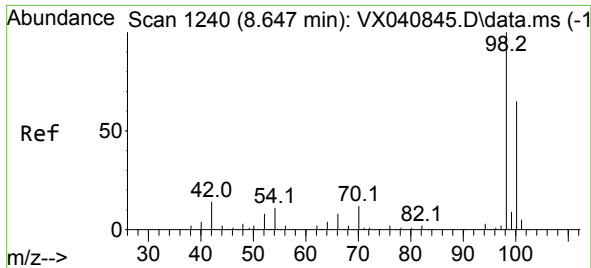
Tgt Ion:117 Resp: 4350  
Ion Ratio Lower Upper  
117 100  
119 5.1 78.2 117.2#  
121 0.0 24.4 36.6#



#44  
Trichloroethene  
Concen: 0.202 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX040926.D  
Acq: 08 Apr 2024 13:47

Tgt Ion:130 Resp: 102  
Ion Ratio Lower Upper  
130 100  
95 139.5 0.0 204.4

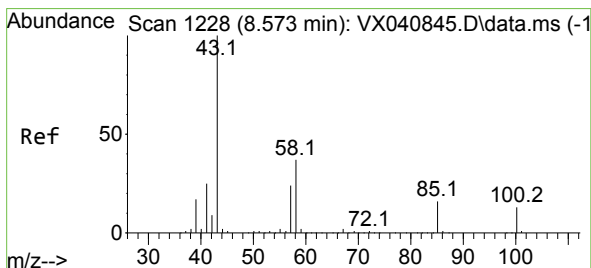
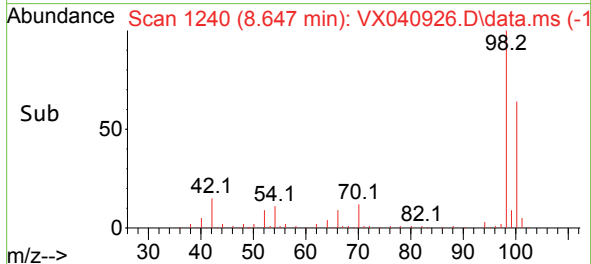
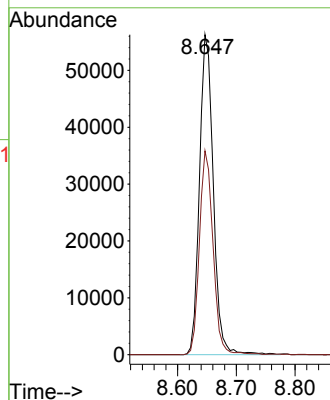
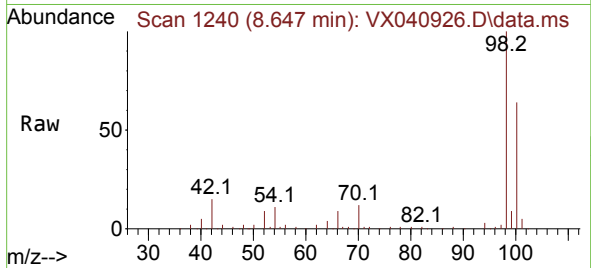




#50  
Toluene-d8  
Concen: 49.726 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX040926.D  
Acq: 08 Apr 2024 13:47

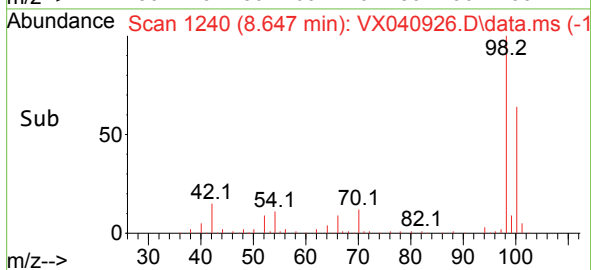
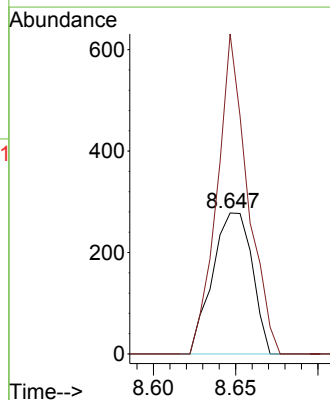
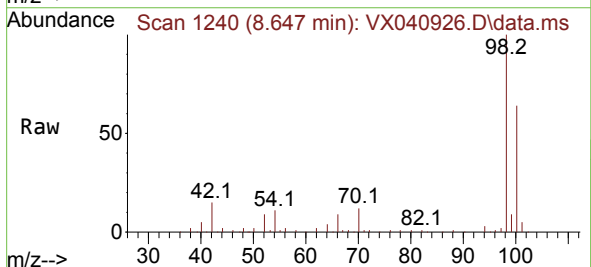
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MSVOA\_X  
ClientSampleId :  
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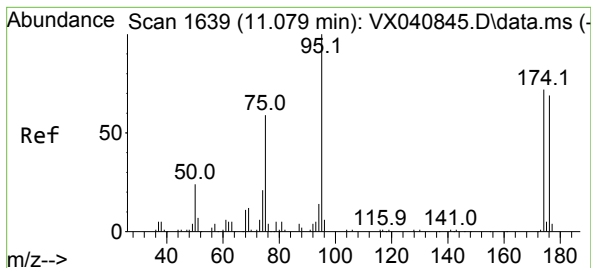
Tgt Ion: 98 Resp: 91968  
Ion Ratio Lower Upper  
98 100  
100 63.0 53.1 79.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.509 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX040926.D  
Acq: 08 Apr 2024 13:47

Tgt Ion: 43 Resp: 466  
Ion Ratio Lower Upper  
43 100  
58 175.1 30.4 45.6#

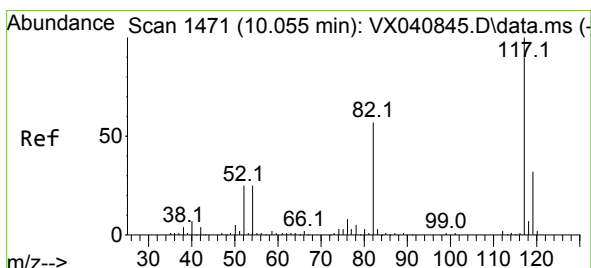
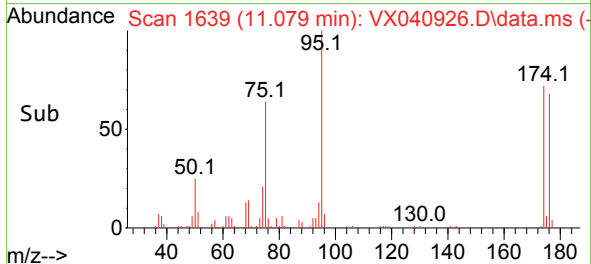
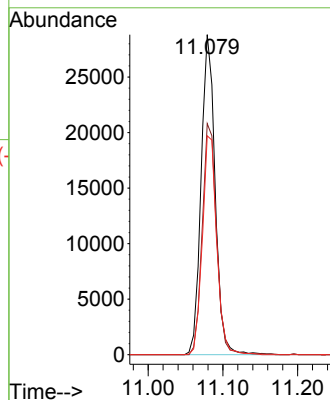
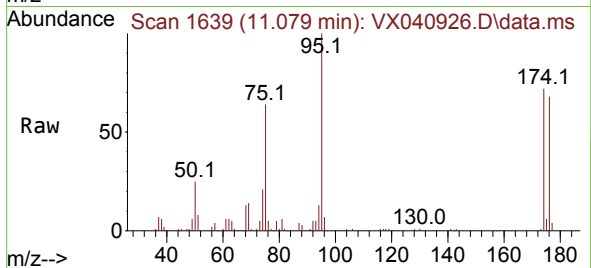




#62  
4-Bromofluorobenzene  
Concen: 50.853 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX040926.D  
Acq: 08 Apr 2024 13:47

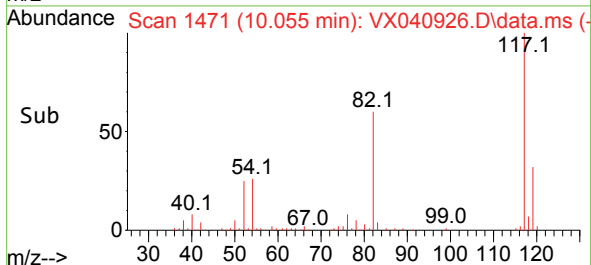
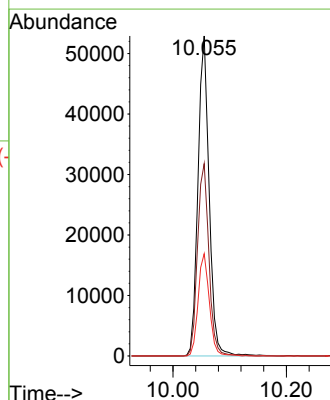
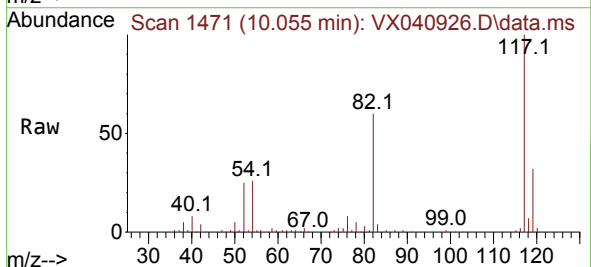
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

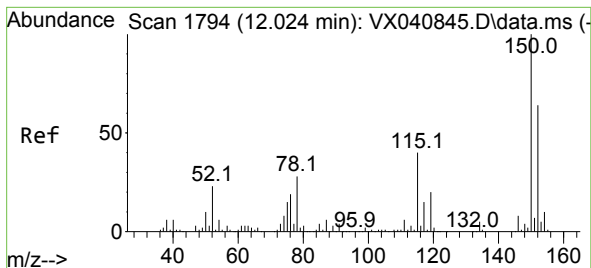
Tgt Ion: 95 Resp: 37559  
Ion Ratio Lower Upper  
95 100  
174 73.2 0.0 135.6  
176 70.0 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX040926.D  
Acq: 08 Apr 2024 13:47

Tgt Ion: 117 Resp: 72200  
Ion Ratio Lower Upper  
117 100  
82 60.1 46.2 69.4  
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040926.D

Acq: 08 Apr 2024 13:47

Instrument :

MSVOA\_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

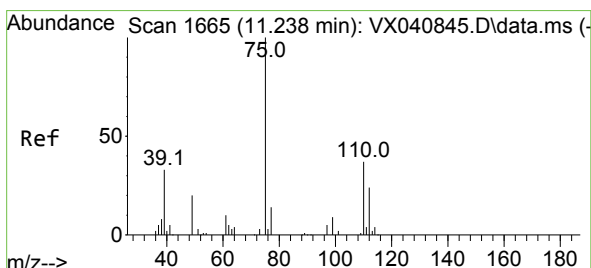
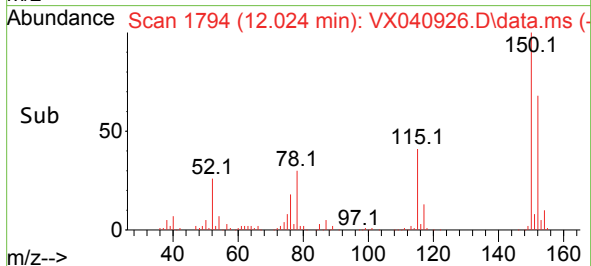
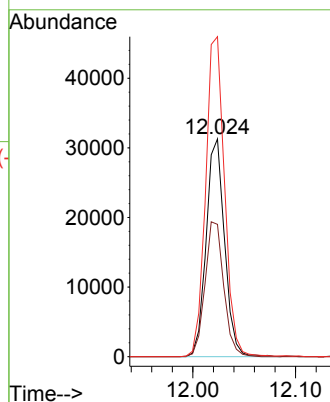
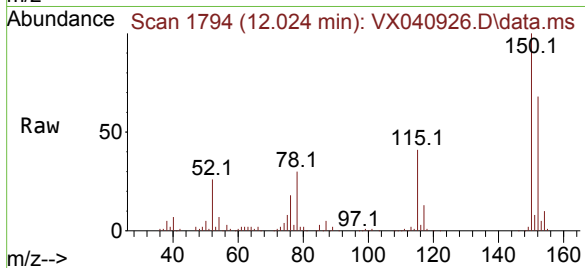
Tgt Ion:152 Resp: 38999

Ion Ratio Lower Upper

152 100

115 63.1 43.3 129.9

150 151.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.356 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040926.D

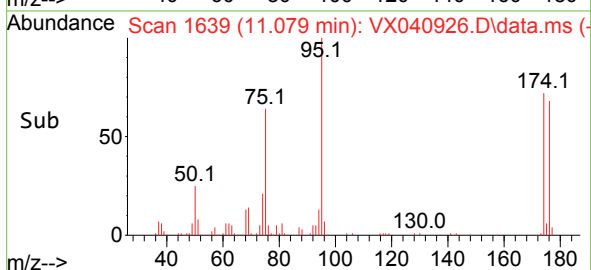
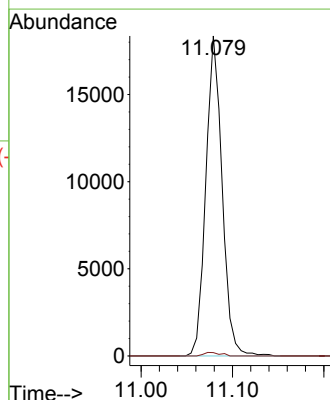
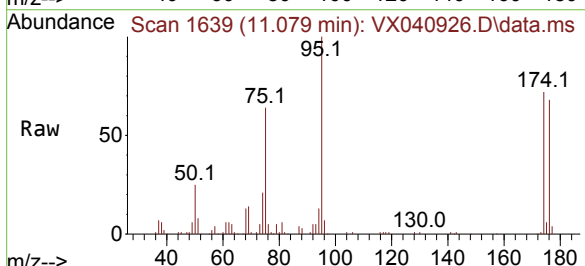
Acq: 08 Apr 2024 13:47

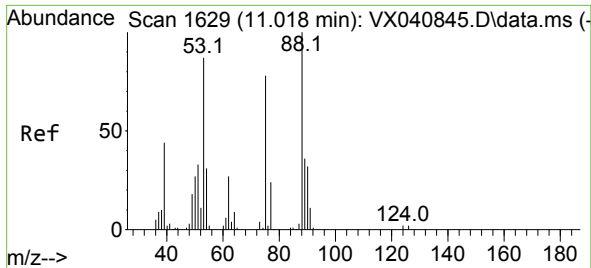
Tgt Ion: 75 Resp: 22750

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81  
trans-1,4-Dichloro-2-butene  
Concen: 73.808 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX040926.D  
Acq: 08 Apr 2024 13:47

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

Tgt Ion: 75 Resp: 22750  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#

