

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052423\  
 Data File : VX035840.D  
 Acq On : 24 May 2023 16:48  
 Operator : JC/MD  
 Sample : 02911-12  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TT150S1-20230522

Quant Time: May 25 05:33:18 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 11 13:57:54 2023  
 Response via : Initial Calibration

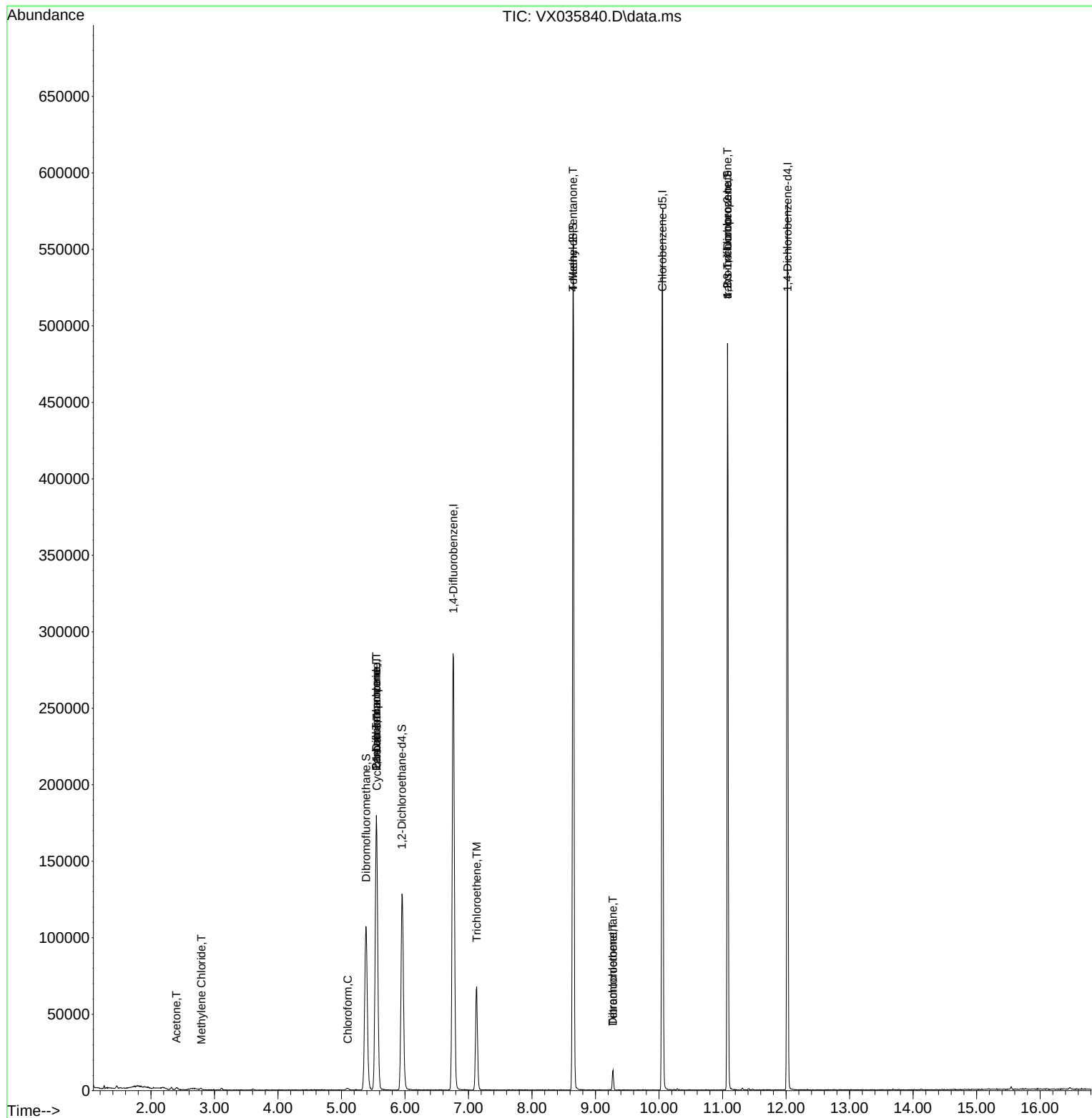
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) Pentafluorobenzene         | 5.550          | 168  | 163114     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 288411     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 250429     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 117021     | 50.000   | ug/l   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952          | 65   | 122883     | 43.184   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 86.360%  |        |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 93618      | 48.132   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 96.260%  |        |          |
| 50) Toluene-d8                | 8.647          | 98   | 317337     | 44.164   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 88.320%# |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 123902     | 42.826   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 85.660%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
|                               |                |      |            |          | Qvalue |          |
| 16) Acetone                   | 2.398          | 43   | 1977       | 1.616    | ug/l   | 94       |
| 20) Methylene Chloride        | 2.794          | 84   | 521        | 0.235    | ug/l # | 52       |
| 30) Chloroform                | 5.099          | 83   | 1433       | 0.343    | ug/l # | 83       |
| 31) Cyclohexane               | 5.556          | 56   | 4246       | 1.181    | ug/l # | 20       |
| 36) 1,1-Dichloropropene       | 5.550          | 75   | 13559      | 4.416    | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.550          | 117  | 17685      | 6.081    | ug/l # | 16       |
| 44) Trichloroethene           | 7.129          | 130  | 25437      | 11.680   | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 8.647          | 43   | 1714       | 0.533    | ug/l # | 1        |
| 60) Dibromochloromethane      | 9.275          | 129  | 2186       | 1.077    | ug/l # | 10       |
| 64) Tetrachloroethene         | 9.275          | 164  | 2109       | 1.251    | ug/l # | 91       |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 64529      | 22.544   | ug/l # | 35       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 64529      | 72.656   | ug/l # | 8        |
| -----                         |                |      |            |          |        |          |

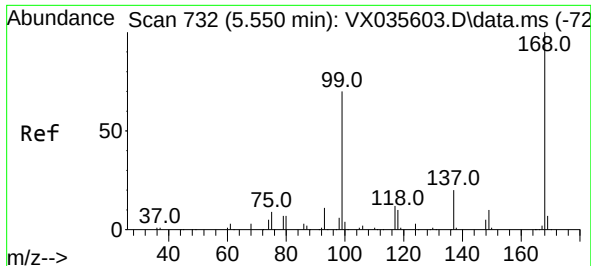
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX052423\  
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Sample : 02911-12  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TT150S1-20230522

Quant Time: May 25 05:33:18 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 11 13:57:54 2023  
Response via : Initial Calibration

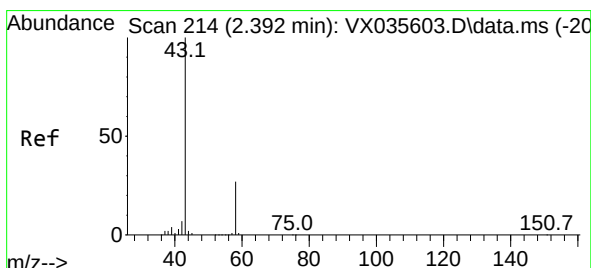
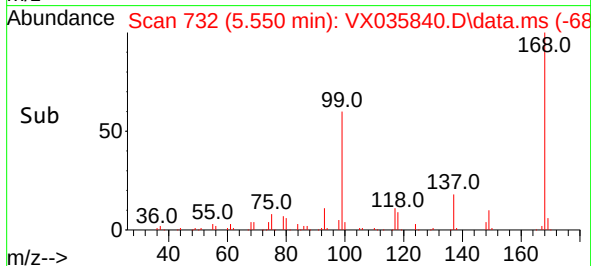
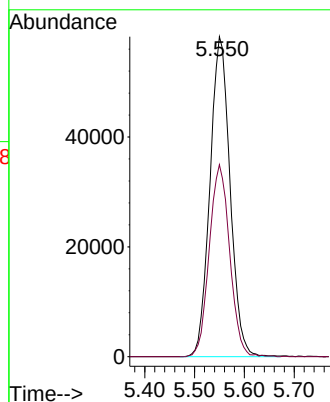
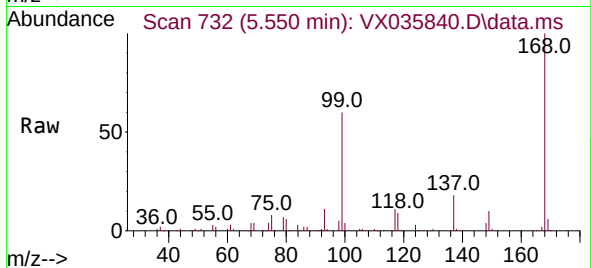




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

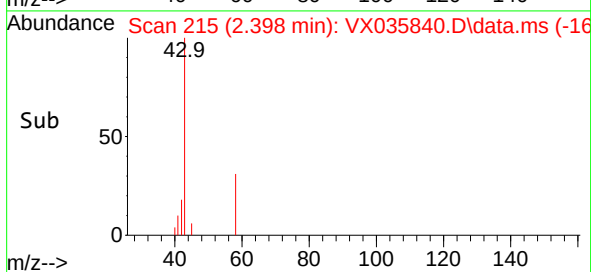
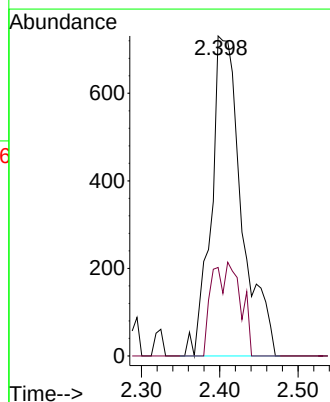
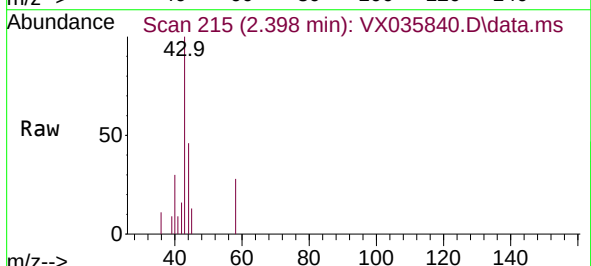
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT150S1-20230522

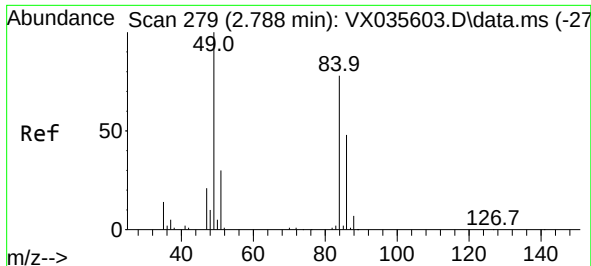
Tgt Ion:168 Resp: 163114  
Ion Ratio Lower Upper  
168 100  
99 60.0 45.7 68.5



#16  
Acetone  
Concen: 1.616 ug/l  
RT: 2.398 min Scan# 215  
Delta R.T. 0.006 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

Tgt Ion: 43 Resp: 1977  
Ion Ratio Lower Upper  
43 100  
58 27.6 24.7 37.1

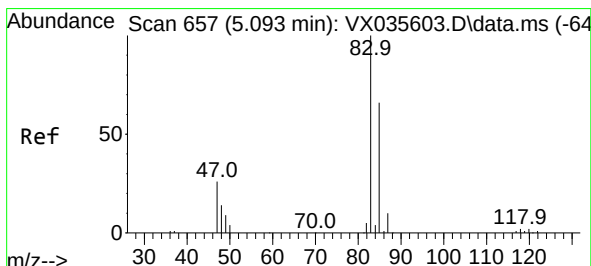
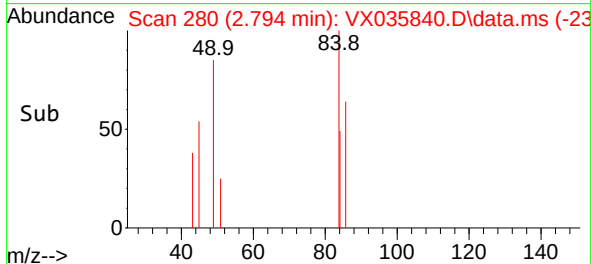
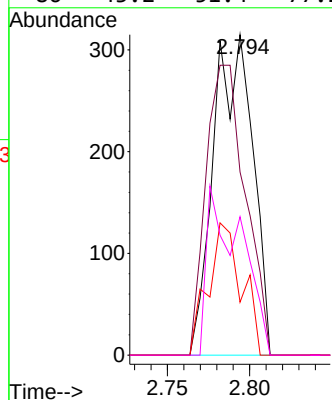
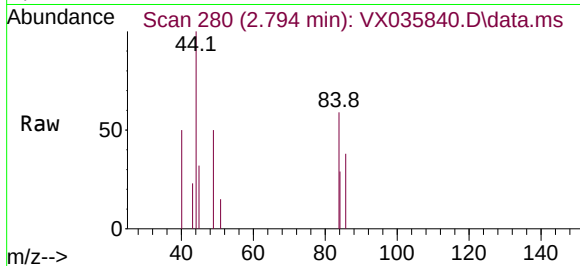




#20  
Methylene Chloride  
Concen: 0.235 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

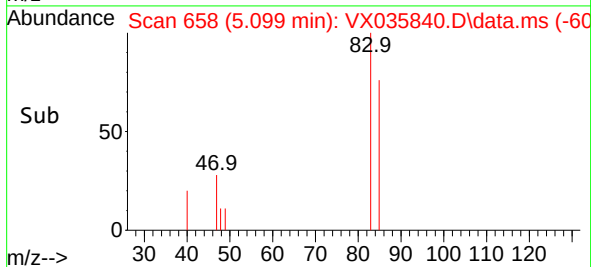
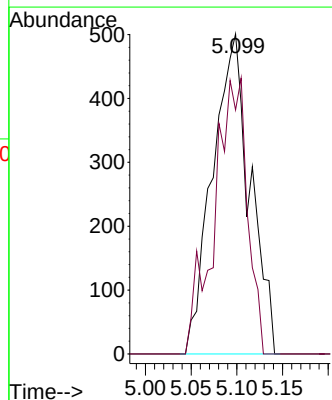
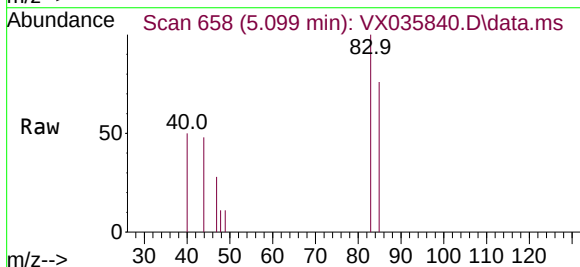
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT150S1-20230522

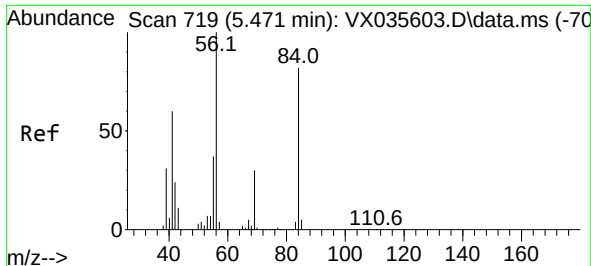
Tgt Ion: 84 Resp: 521  
Ion Ratio Lower Upper  
84 100  
49 57.1 103.8 155.8#  
51 16.5 31.8 47.8#  
86 43.2 51.4 77.2#



#30  
Chloroform  
Concen: 0.343 ug/l  
RT: 5.099 min Scan# 658  
Delta R.T. 0.006 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

Tgt Ion: 83 Resp: 1433  
Ion Ratio Lower Upper  
83 100  
85 76.2 50.6 76.0#

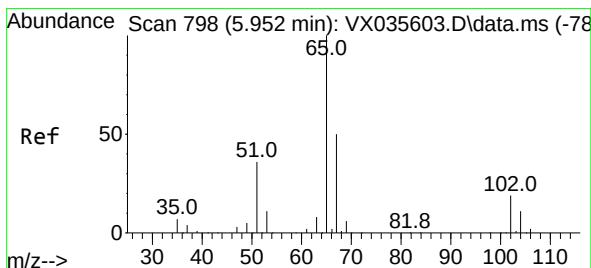
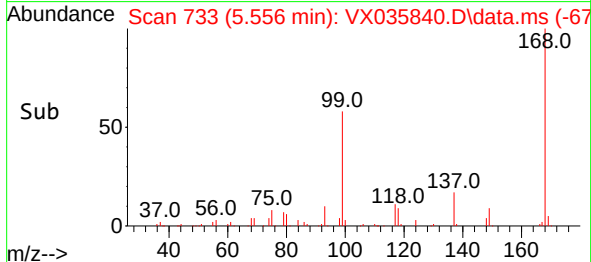
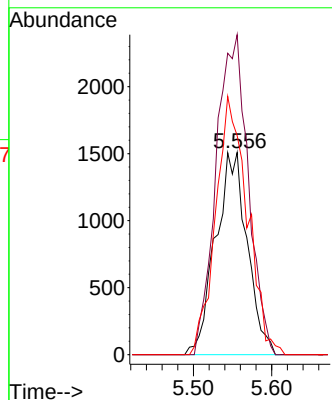
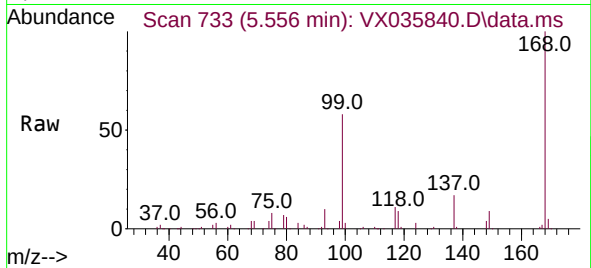




#31  
Cyclohexane  
Concen: 1.181 ug/l  
RT: 5.556 min Scan# 719  
Delta R.T. 0.085 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

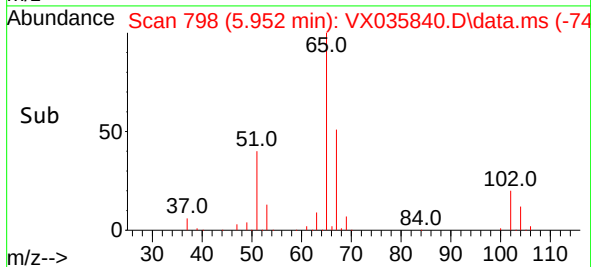
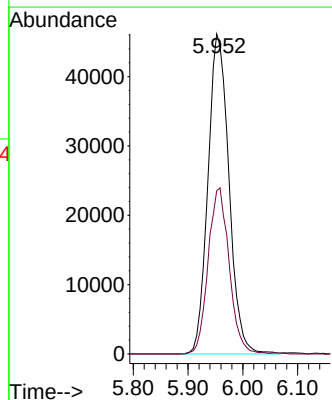
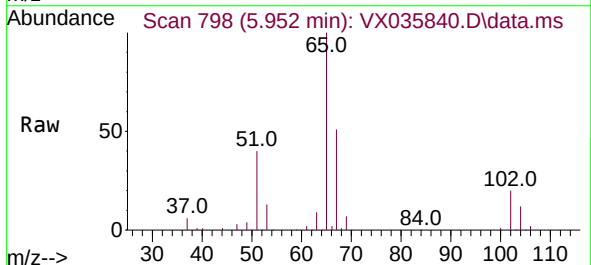
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT150S1-20230522

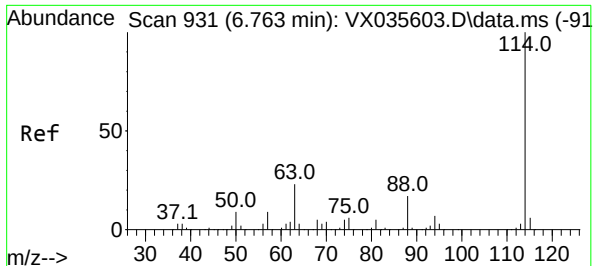
Tgt Ion: 56 Resp: 4246  
Ion Ratio Lower Upper  
56 100  
69 158.3 23.7 35.5#  
84 108.3 68.5 102.7#



#33  
1,2-Dichloroethane-d4  
Concen: 43.184 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

Tgt Ion: 65 Resp: 122883  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 104.0

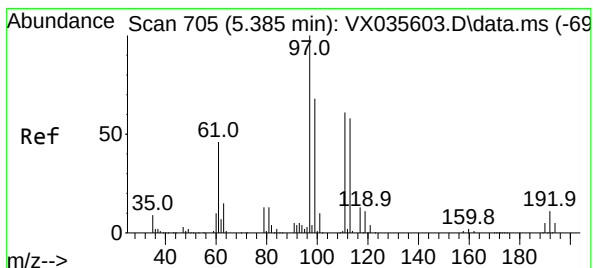
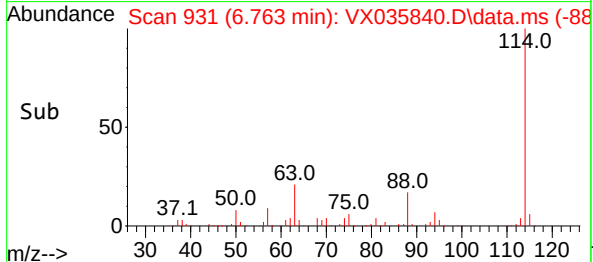
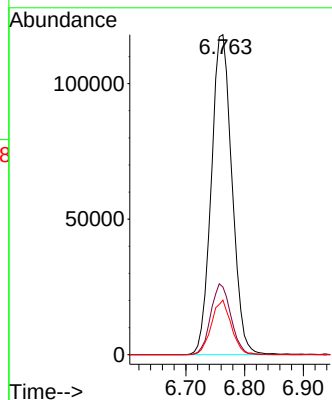
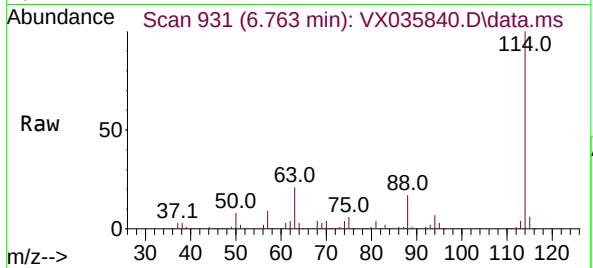




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

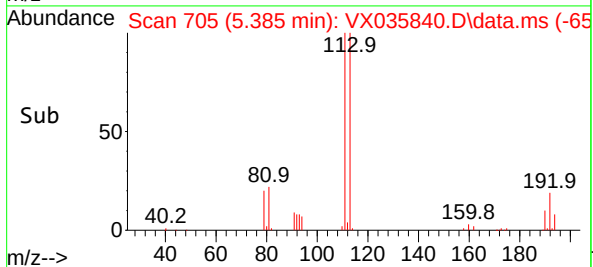
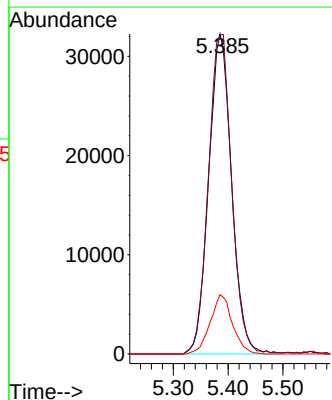
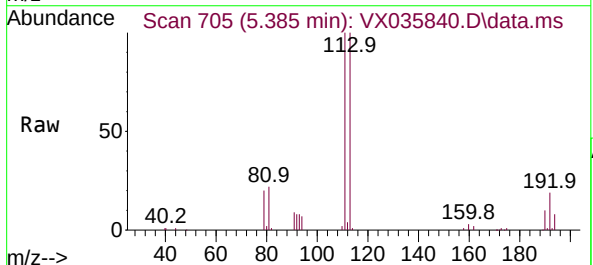
Instrument :  
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ClientSampleId :  
TT150S1-20230522

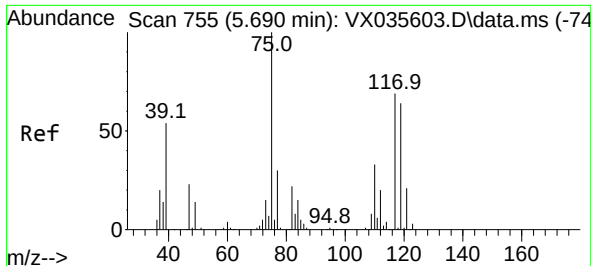
Tgt Ion:114 Resp: 288411  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 42.2  
88 17.0 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 48.132 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

Tgt Ion:113 Resp: 93618  
Ion Ratio Lower Upper  
113 100  
111 102.0 83.7 125.5  
192 18.0 15.4 23.2

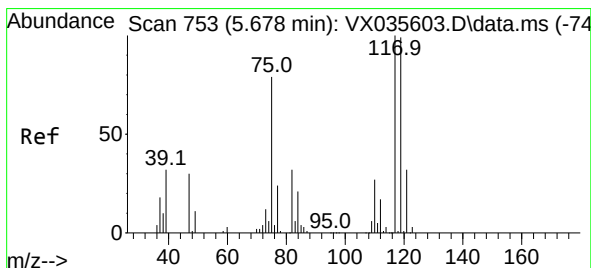
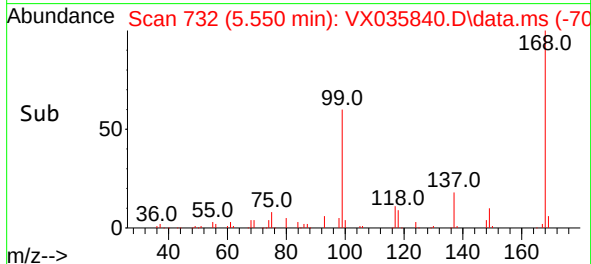
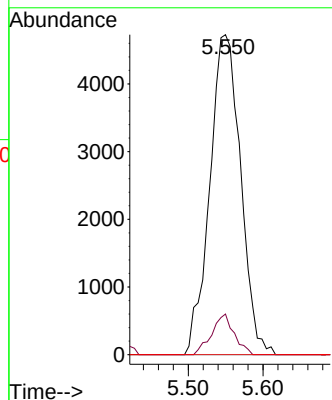
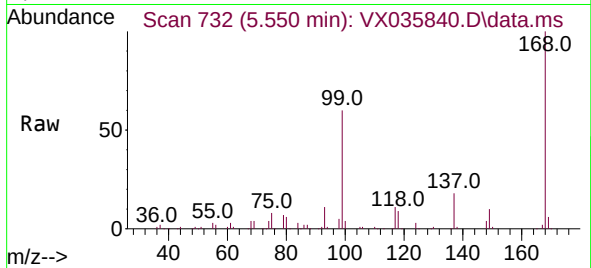




#36  
1,1-Dichloropropene  
Concen: 4.416 ug/l  
RT: 5.550 min Scan# 712  
Delta R.T. -0.140 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

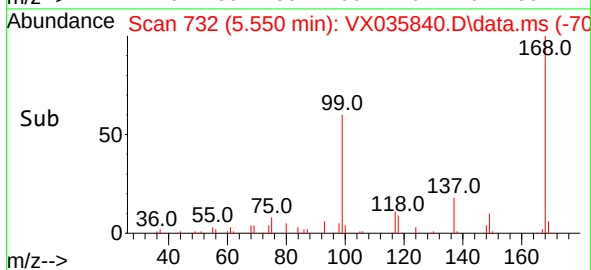
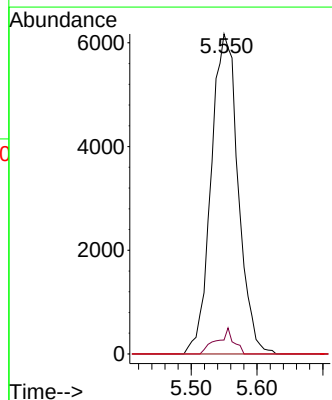
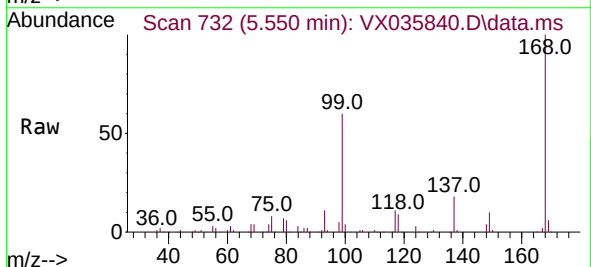
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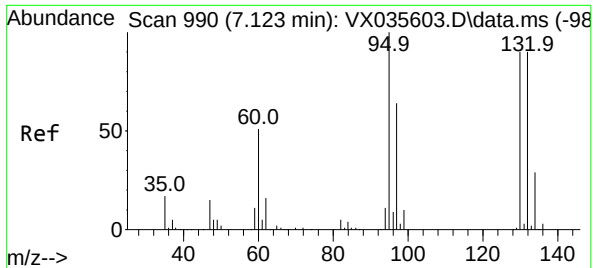
Tgt Ion: 75 Resp: 13559  
Ion Ratio Lower Upper  
75 100  
110 9.2 17.5 52.5#  
77 0.0 24.3 36.5#



#38  
Carbon Tetrachloride  
Concen: 6.081 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.128 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

Tgt Ion: 117 Resp: 17685  
Ion Ratio Lower Upper  
117 100  
119 4.4 76.6 114.8#  
121 0.0 23.8 35.6#

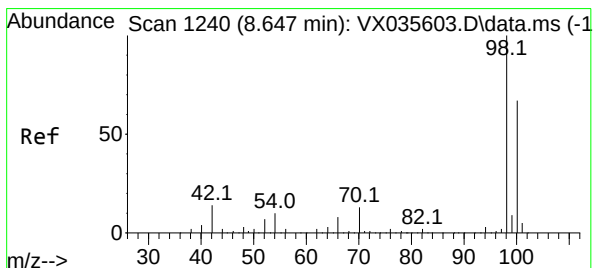
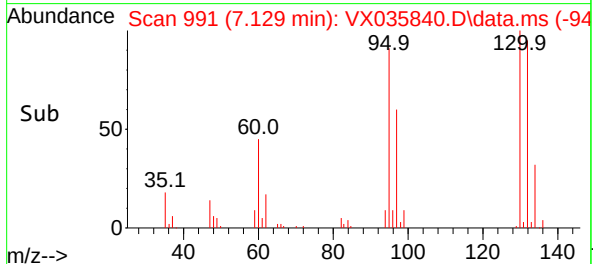
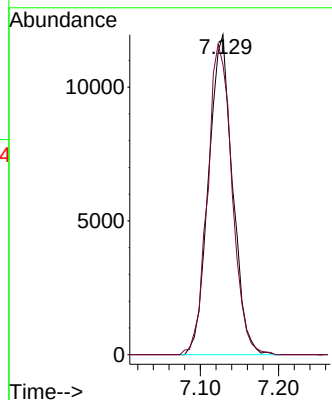
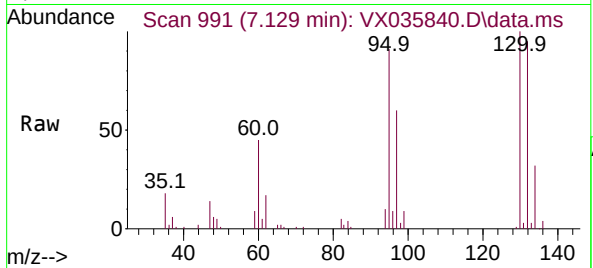




#44  
 Trichloroethene  
 Concen: 11.680 ug/l  
 RT: 7.129 min Scan# 991  
 Delta R.T. 0.006 min  
 Lab File: VX035840.D  
 Acq: 24 May 2023 16:48

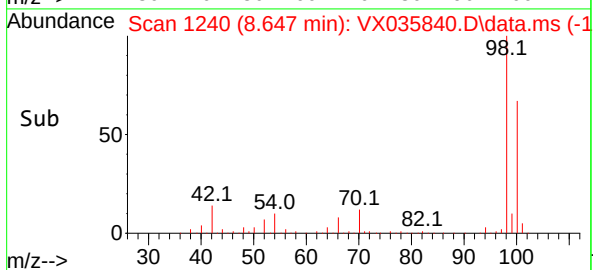
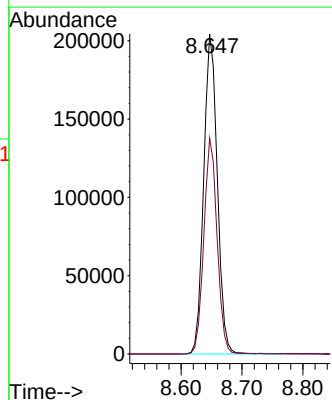
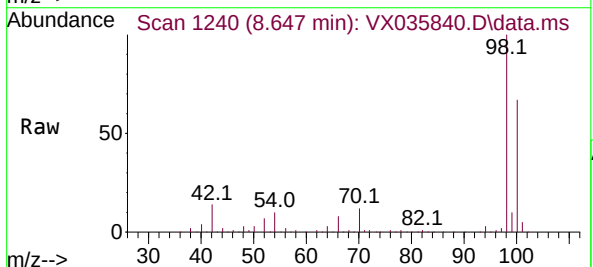
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TT150S1-20230522

Tgt Ion:130 Resp: 25437  
 Ion Ratio Lower Upper  
 130 100  
 95 90.8 0.0 198.4

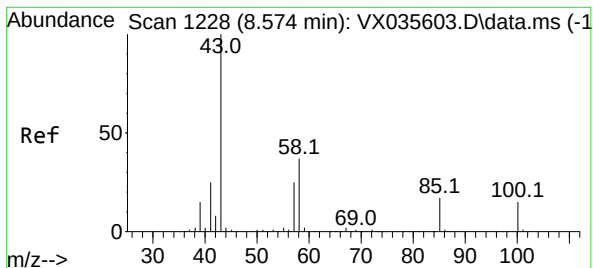


#50  
 Toluene-d8  
 Concen: 44.164 ug/l  
 RT: 8.647 min Scan# 1240  
 Delta R.T. -0.000 min  
 Lab File: VX035840.D  
 Acq: 24 May 2023 16:48

Tgt Ion: 98 Resp: 317337  
 Ion Ratio Lower Upper  
 98 100  
 100 65.8 52.5 78.7







#51

4-Methyl-2-Pentanone

Concen: 0.533 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX035840.D

Acq: 24 May 2023 16:48

Instrument :

MSVOA\_X

ClientSampleId :

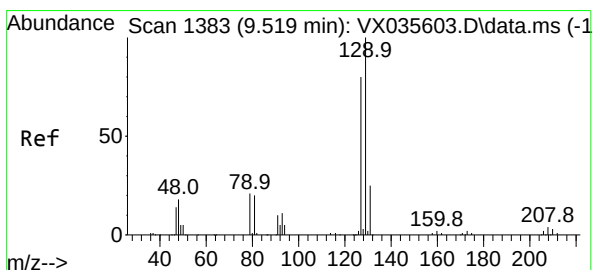
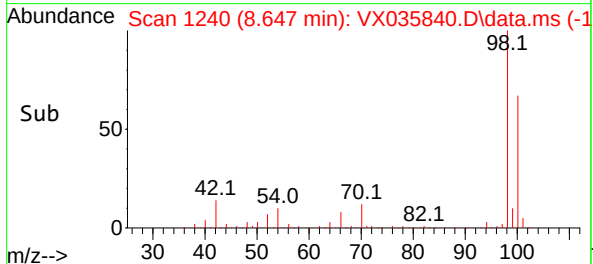
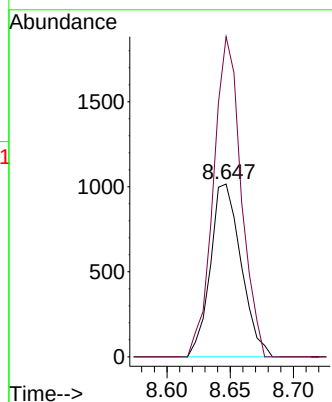
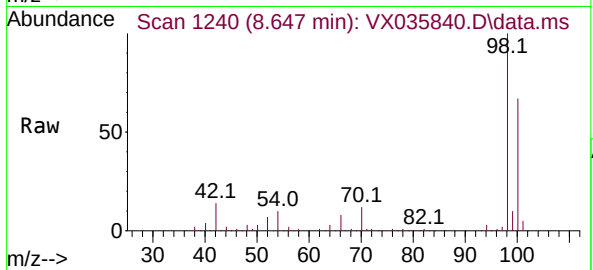
TT150S1-20230522

Tgt Ion: 43 Resp: 1714

Ion Ratio Lower Upper

43 100

58 167.4 30.6 46.0#



#60

Dibromochloromethane

Concen: 1.077 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX035840.D

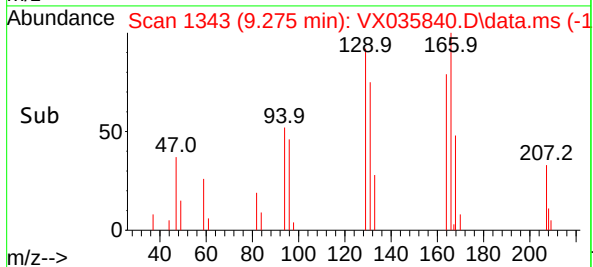
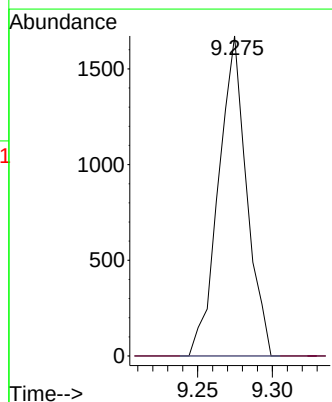
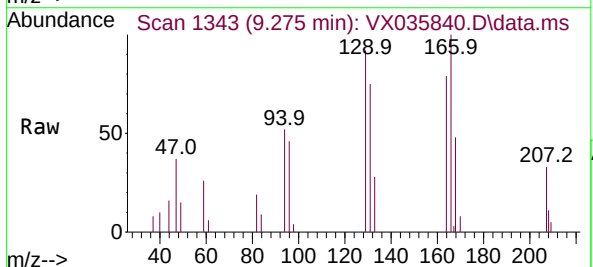
Acq: 24 May 2023 16:48

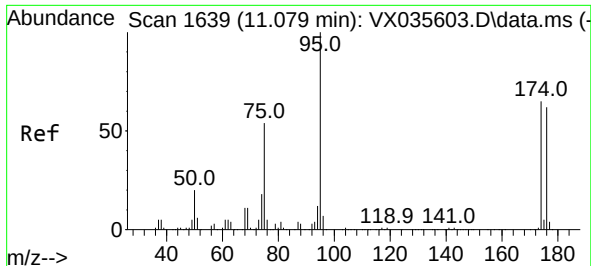
Tgt Ion: 129 Resp: 2186

Ion Ratio Lower Upper

129 100

127 0.0 39.0 117.0#

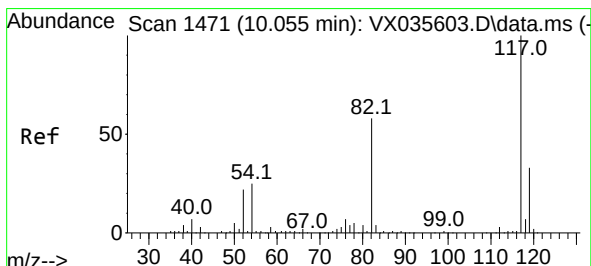
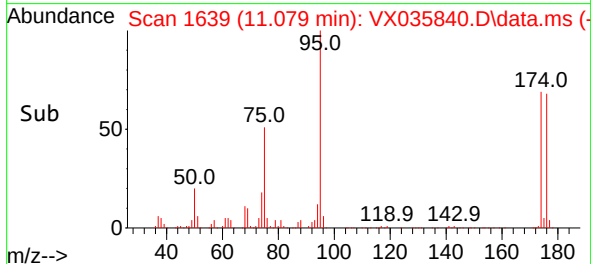
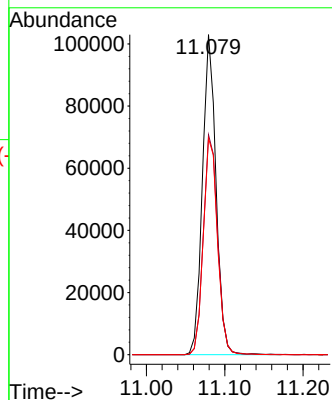
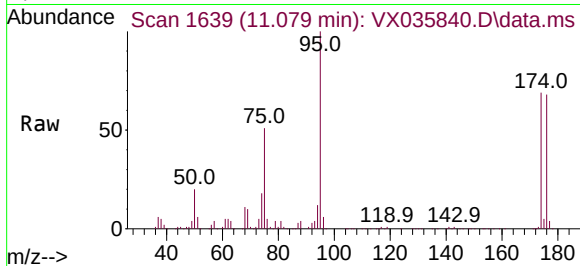




#62  
4-Bromofluorobenzene  
Concen: 42.826 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

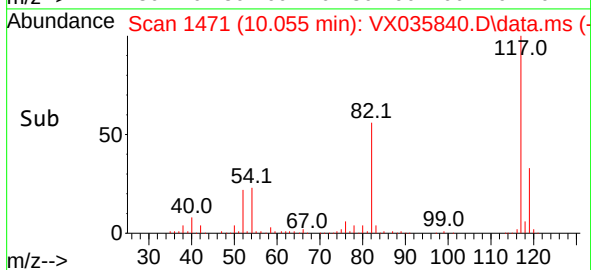
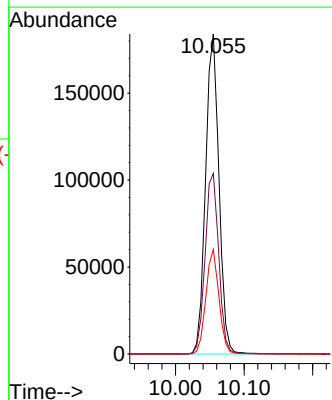
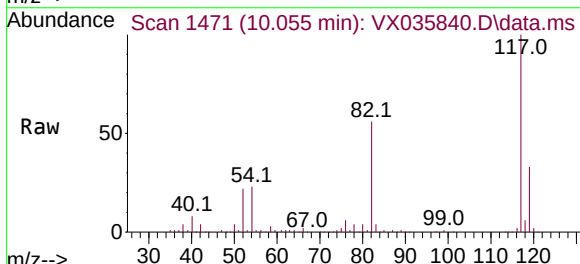
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT150S1-20230522

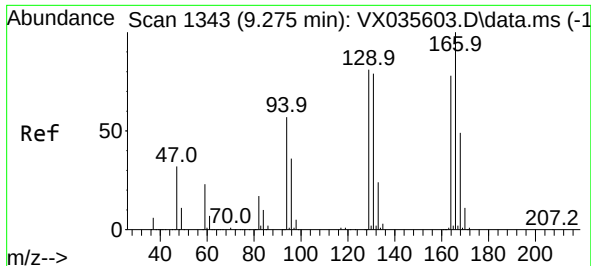
Tgt Ion: 95 Resp: 123902  
Ion Ratio Lower Upper  
95 100  
174 71.8 0.0 147.4  
176 70.7 0.0 140.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

Tgt Ion: 117 Resp: 250429  
Ion Ratio Lower Upper  
117 100  
82 56.4 45.0 67.4  
119 32.7 26.0 39.0

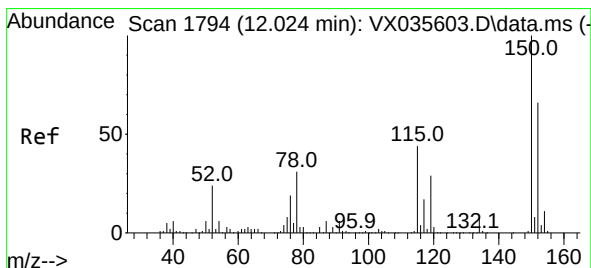
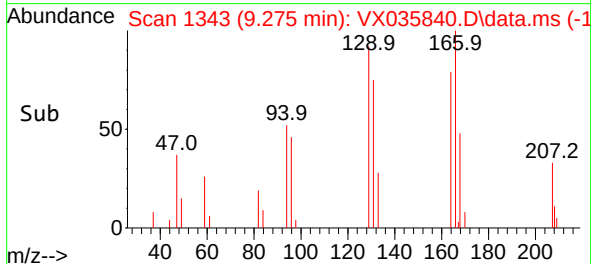
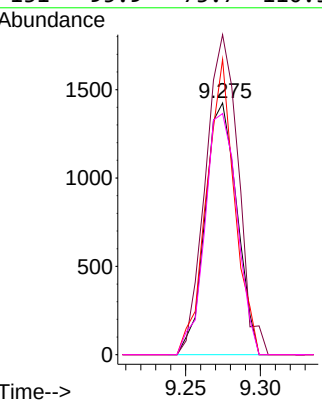
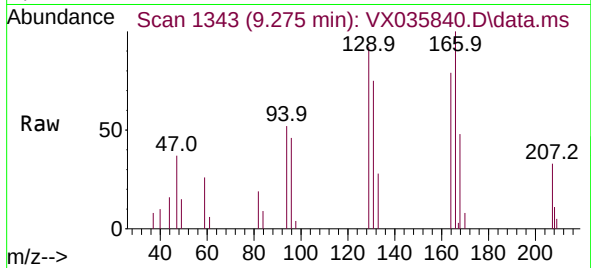




#64  
Tetrachloroethene  
Concen: 1.251 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

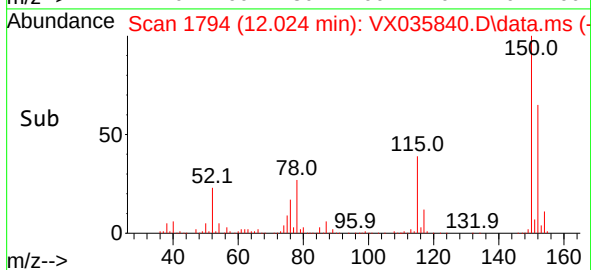
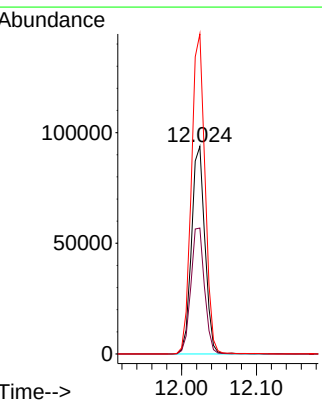
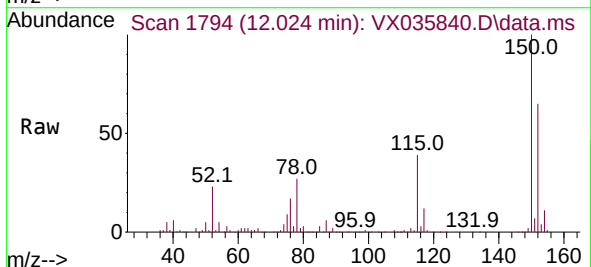
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT150S1-20230522

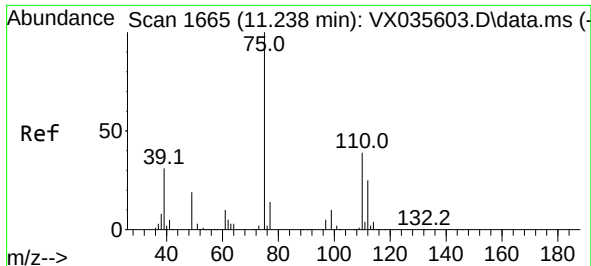
Tgt Ion:164 Resp: 2109  
Ion Ratio Lower Upper  
164 100  
166 127.2 102.7 154.1  
129 117.4 75.6 113.4#  
131 95.9 73.7 110.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

Tgt Ion:152 Resp: 117021  
Ion Ratio Lower Upper  
152 100  
115 61.7 45.0 135.0  
150 156.5 0.0 352.4

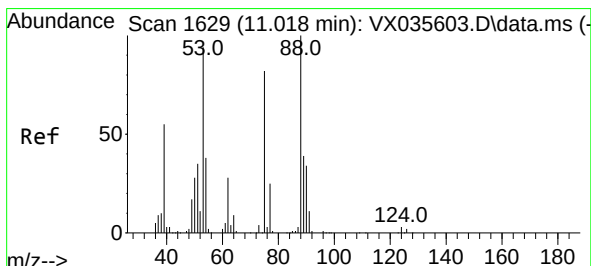
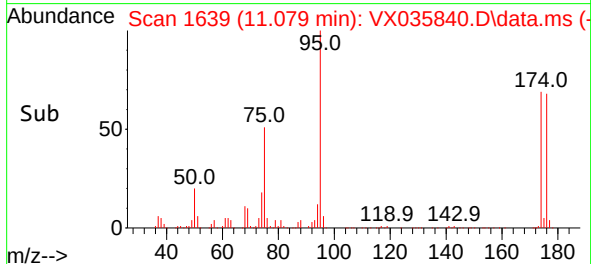
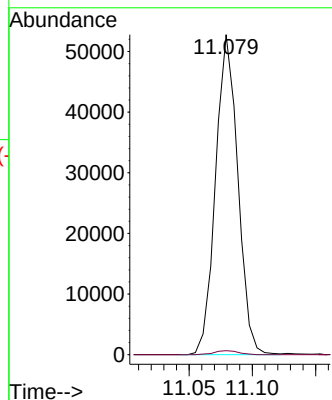
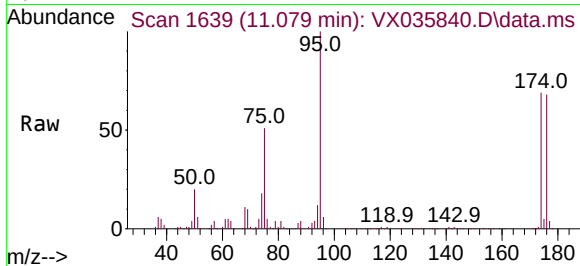




#76  
1,2,3-Trichloropropane  
Concen: 22.544 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.159 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
TT150S1-20230522

Tgt Ion: 75 Resp: 64529  
Ion Ratio Lower Upper  
75 100  
77 1.4 21.6 64.8#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 72.656 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX035840.D  
Acq: 24 May 2023 16:48

Tgt Ion: 75 Resp: 64529  
Ion Ratio Lower Upper  
75 100  
53 0.0 82.6 124.0#  
89 0.0 36.9 55.3#

