

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042325\  
 Data File : VX045911.D  
 Acq On : 23 Apr 2025 16:29  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Apr 24 02:15:48 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 02 03:11:43 2025  
 Response via : Initial Calibration

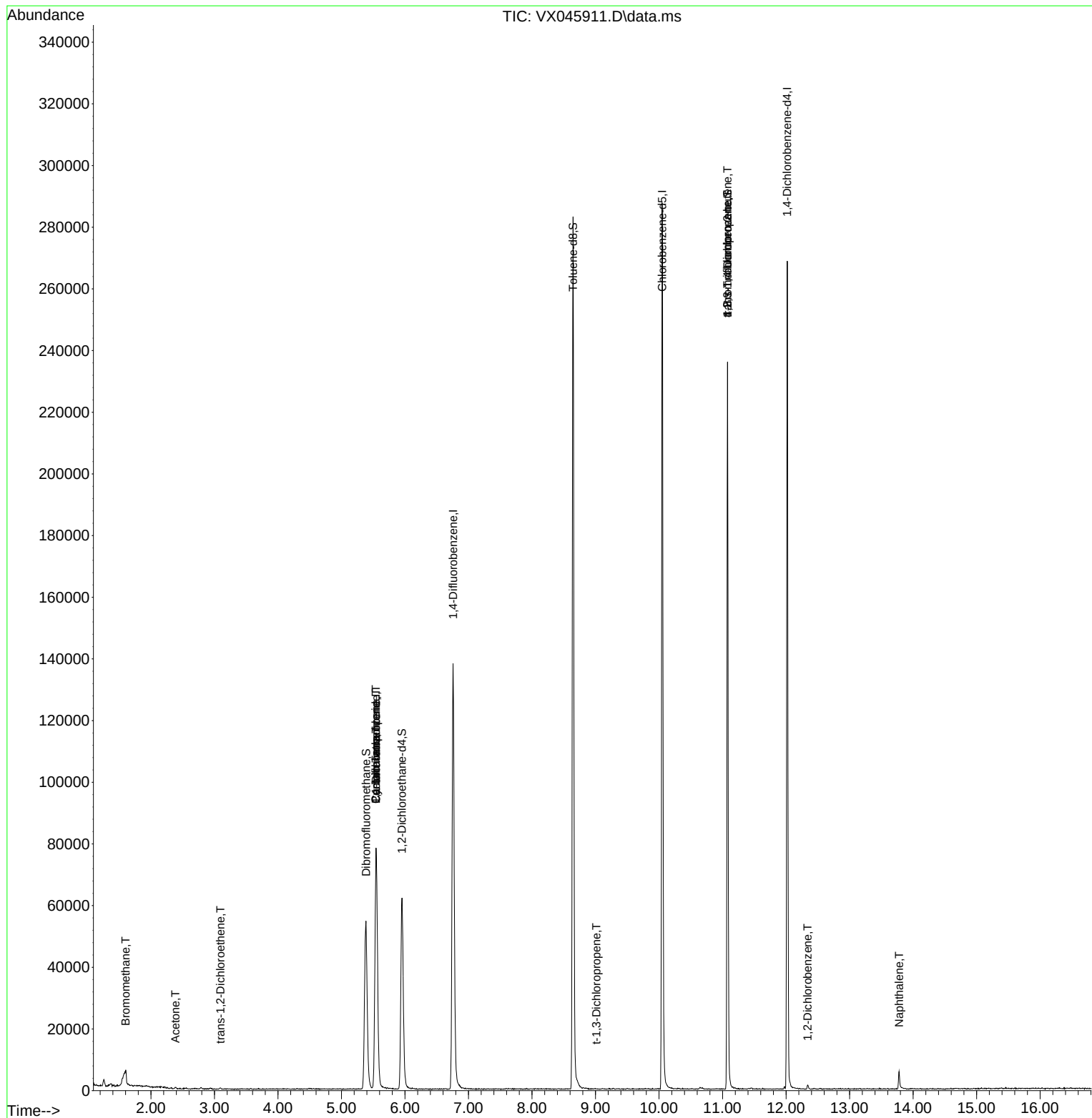
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.544     | 168   | 66779    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757     | 114   | 131820   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.049    | 117   | 120312   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018    | 152   | 48447    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.952     | 65    | 64525    | 52.837   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 74 - 125 | Recovery | = 105.680% |          |
| 35) Dibromofluoromethane      | 5.385     | 113   | 47462    | 50.747   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery | = 101.500% |          |
| 50) Toluene-d8                | 8.647     | 98    | 163657   | 50.133   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 86 - 113 | Recovery | = 100.260% |          |
| 62) 4-Bromofluorobenzene      | 11.079    | 95    | 60449    | 50.837   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 77 - 121 | Recovery | = 101.680% |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 5) Bromomethane               | 1.599     | 94    | 127      | 0.285    | ug/l #     | 3        |
| 16) Acetone                   | 2.386     | 43    | 504      | 1.005    | ug/l       | 93       |
| 21) trans-1,2-Dichloroethene  | 3.093     | 96    | 176      | 0.215    | ug/l #     | 35       |
| 31) Cyclohexane               | 5.544     | 56    | 1983     | 1.324    | ug/l #     | 21       |
| 36) 1,1-Dichloropropene       | 5.544     | 75    | 6631     | 5.251    | ug/l #     | 52       |
| 38) Carbon Tetrachloride      | 5.544     | 117   | 7798     | 5.714    | ug/l #     | 14       |
| 53) t-1,3-Dichloropropene     | 9.013     | 75    | 22       | 2.304    | ug/l #     | 43       |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75    | 35516    | 30.054   | ug/l #     | 37       |
| 81) trans-1,4-Dichloro-2-b... | 11.079    | 75    | 35516    | 102.000  | ug/l #     | 1        |
| 91) 1,2-Dichlorobenzene       | 12.341    | 146   | 628      | 0.387    | ug/l       | 83       |
| 95) Naphthalene               | 13.780    | 128   | 4559     | 1.356    | ug/l #     | 94       |
| -----                         |           |       |          |          |            |          |

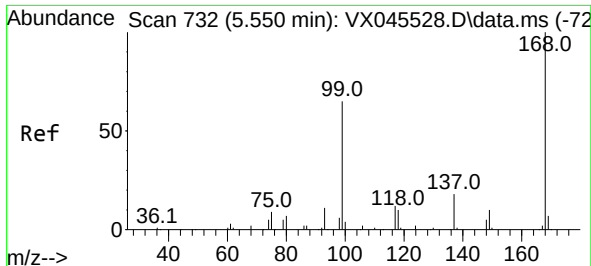
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042325\  
Data File : VX045911.D  
Acq On : 23 Apr 2025 16:29  
Operator : JC/MD  
Sample : IBLK  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Quant Time: Apr 24 02:15:48 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040225W.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 02 03:11:43 2025  
Response via : Initial Calibration

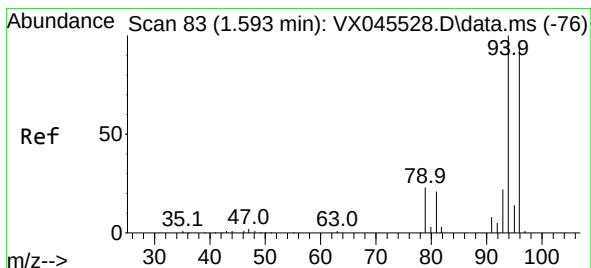
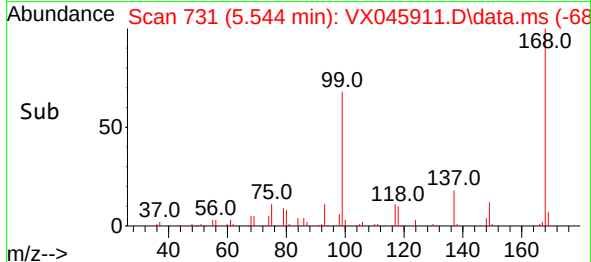
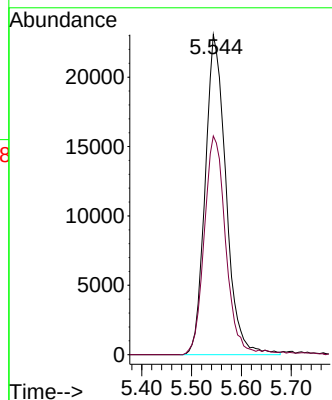
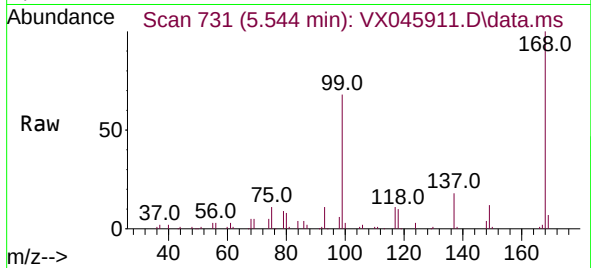




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045911.D  
Acq: 23 Apr 2025 16:29

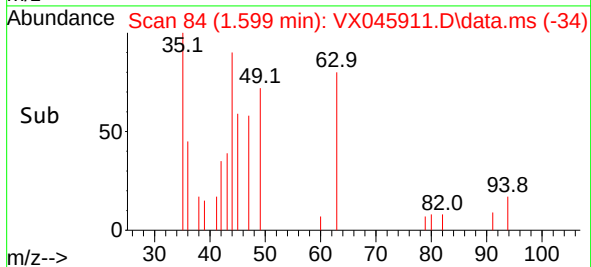
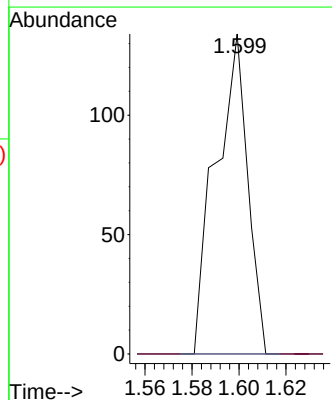
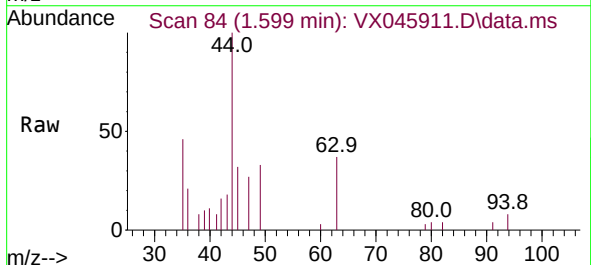
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

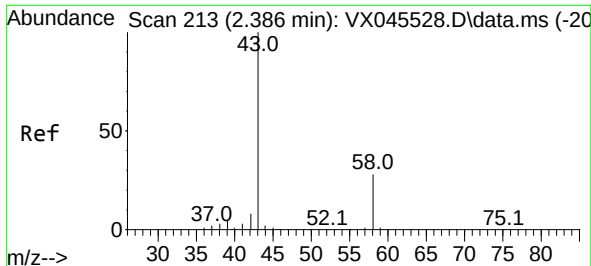
Tgt Ion:168 Resp: 66779  
Ion Ratio Lower Upper  
168 100  
99 68.3 52.3 78.5



#5  
Bromomethane  
Concen: 0.285 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX045911.D  
Acq: 23 Apr 2025 16:29

Tgt Ion: 94 Resp: 127  
Ion Ratio Lower Upper  
94 100  
96 0.0 74.8 112.2#





#16

Acetone

Concen: 1.005 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045911.D

Acq: 23 Apr 2025 16:29

Instrument :

MSVOA\_X

ClientSampleId :

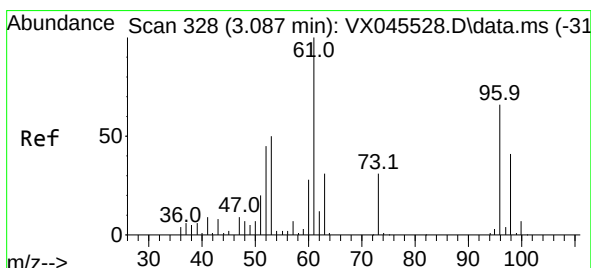
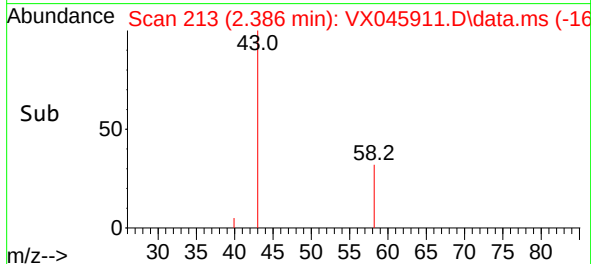
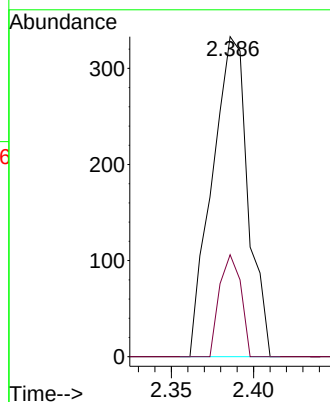
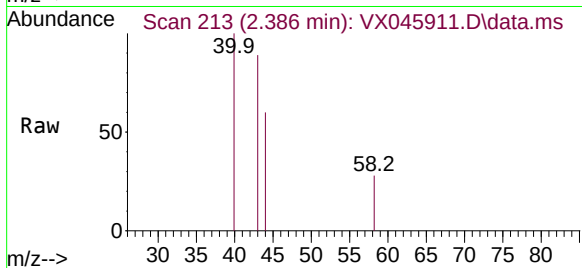
IBLK

Tgt Ion: 43 Resp: 504

Ion Ratio Lower Upper

43 100

58 31.8 22.3 33.5



#21

trans-1,2-Dichloroethene

Concen: 0.215 ug/l

RT: 3.093 min Scan# 329

Delta R.T. 0.006 min

Lab File: VX045911.D

Acq: 23 Apr 2025 16:29

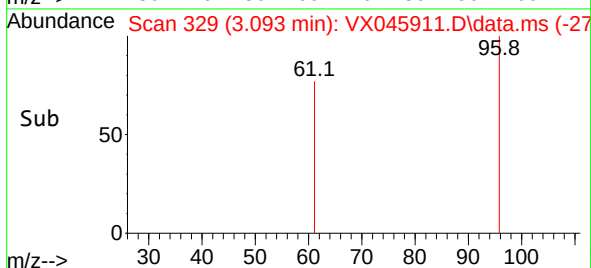
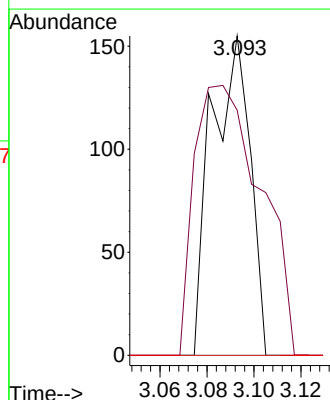
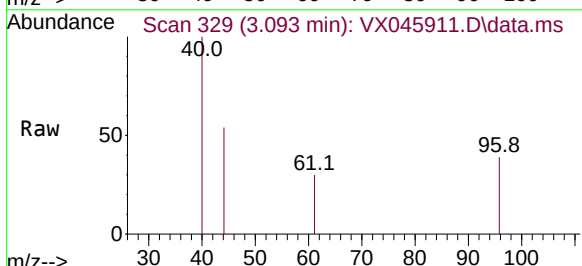
Tgt Ion: 96 Resp: 176

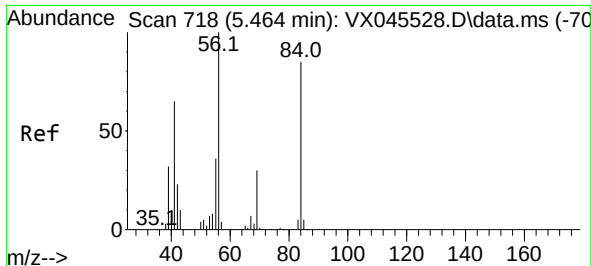
Ion Ratio Lower Upper

96 100

61 76.8 121.0 181.6#

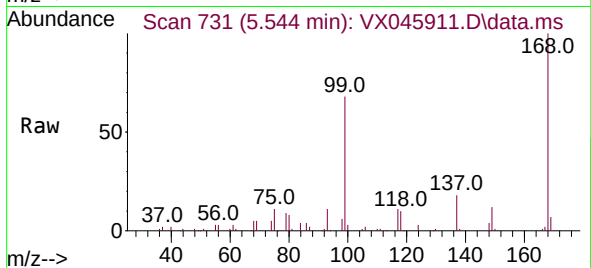
98 0.0 49.7 74.5#



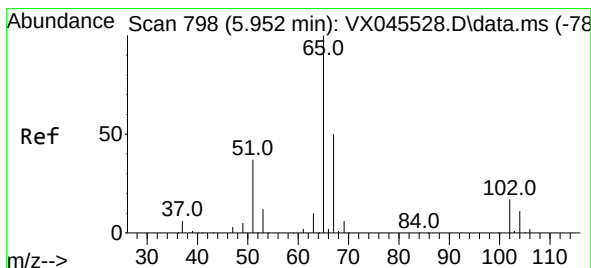
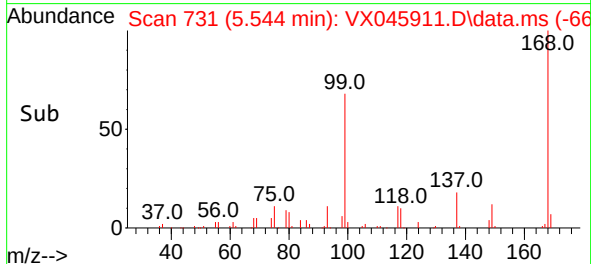
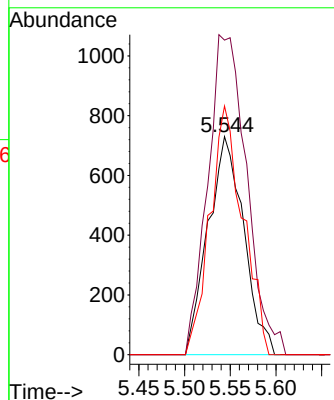


#31  
Cyclohexane  
Concen: 1.324 ug/l  
RT: 5.544 min Scan# 718  
Delta R.T. 0.079 min  
Lab File: VX045911.D  
Acq: 23 Apr 2025 16:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

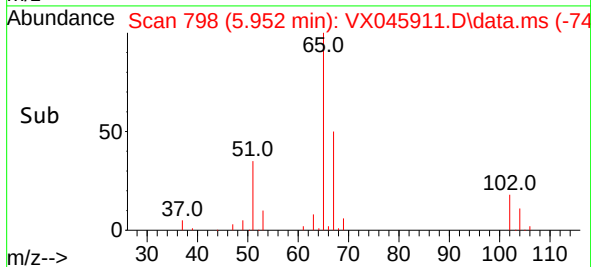
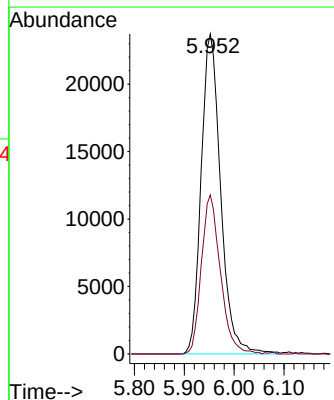
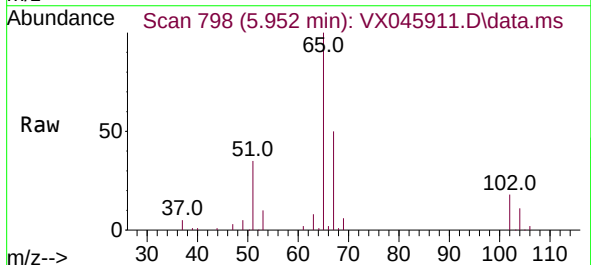


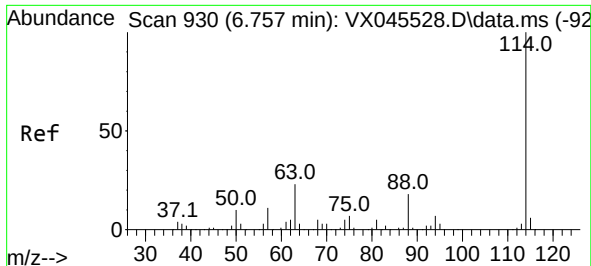
Tgt Ion: 56 Resp: 1983  
Ion Ratio Lower Upper  
56 100  
69 144.2 23.6 35.4#  
84 114.0 67.7 101.5#



#33  
1,2-Dichloroethane-d4  
Concen: 52.837 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX045911.D  
Acq: 23 Apr 2025 16:29

Tgt Ion: 65 Resp: 64525  
Ion Ratio Lower Upper  
65 100  
67 48.3 0.0 99.0

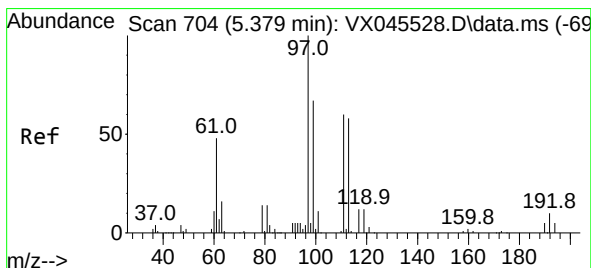
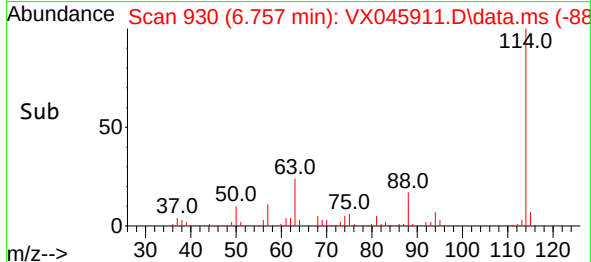
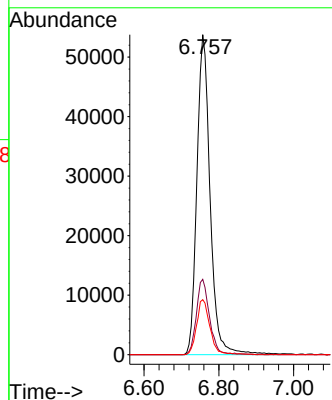
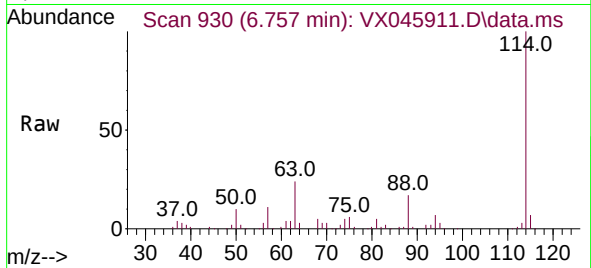




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX045911.D  
Acq: 23 Apr 2025 16:29

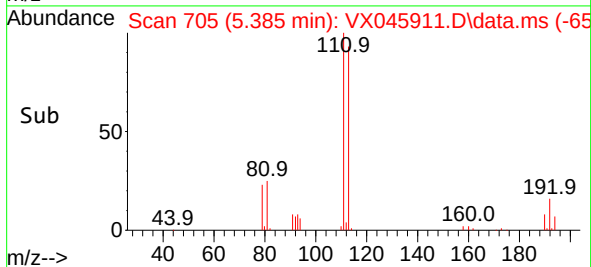
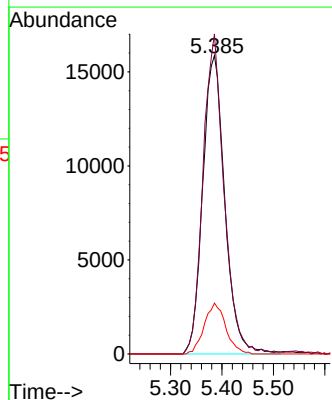
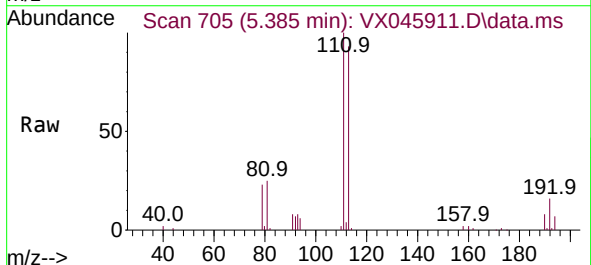
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

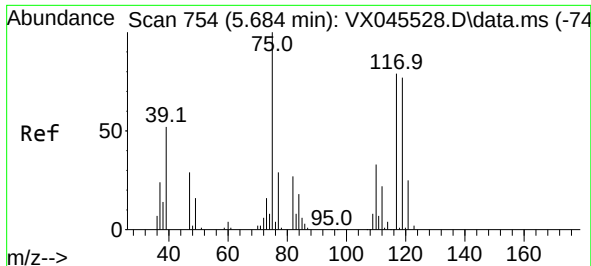
Tgt Ion:114 Resp: 131820  
Ion Ratio Lower Upper  
114 100  
63 23.6 0.0 46.8  
88 17.2 0.0 35.4



#35  
Dibromofluoromethane  
Concen: 50.747 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX045911.D  
Acq: 23 Apr 2025 16:29

Tgt Ion:113 Resp: 47462  
Ion Ratio Lower Upper  
113 100  
111 101.6 81.8 122.6  
192 16.6 13.8 20.6





#36

1,1-Dichloropropene

Concen: 5.251 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX045911.D

Acq: 23 Apr 2025 16:29

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

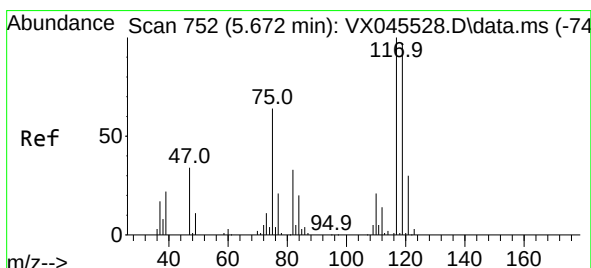
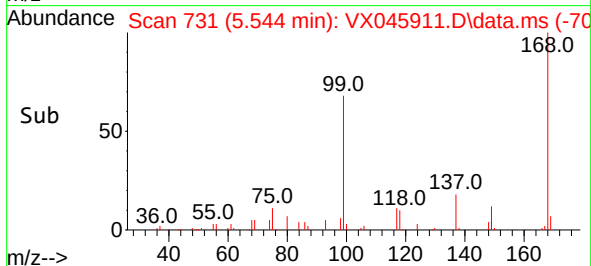
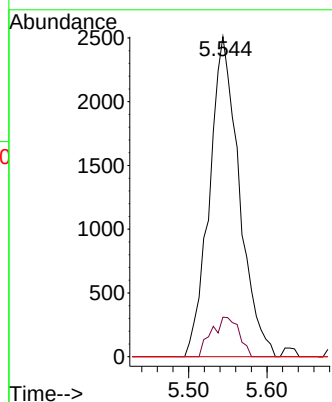
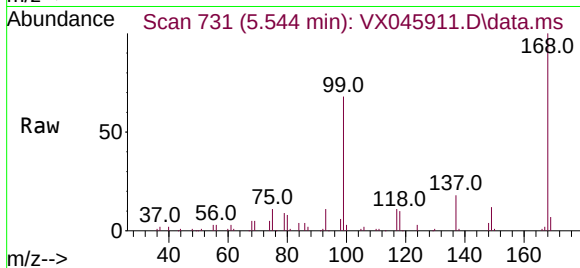
Tgt Ion: 75 Resp: 6631

Ion Ratio Lower Upper

75 100

110 11.3 16.9 50.6#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.714 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045911.D

Acq: 23 Apr 2025 16:29

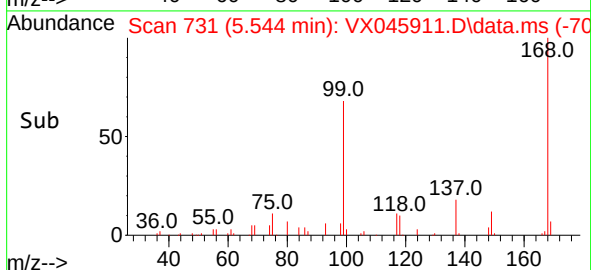
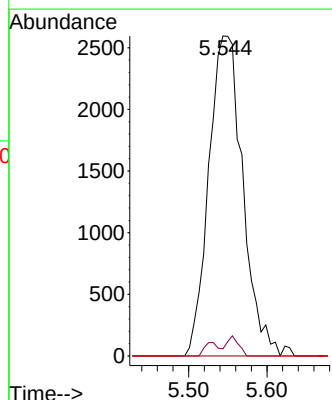
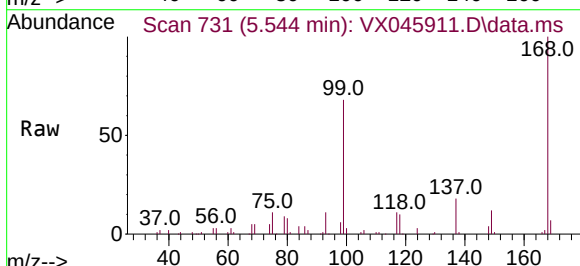
Tgt Ion: 117 Resp: 7798

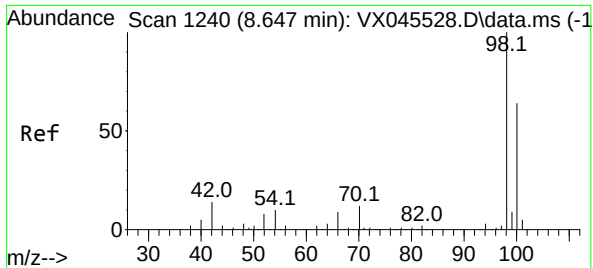
Ion Ratio Lower Upper

117 100

119 2.2 76.9 115.3#

121 0.0 24.2 36.2#

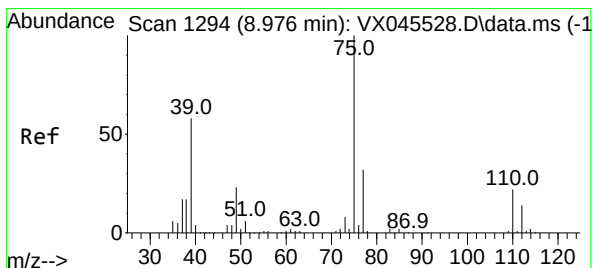
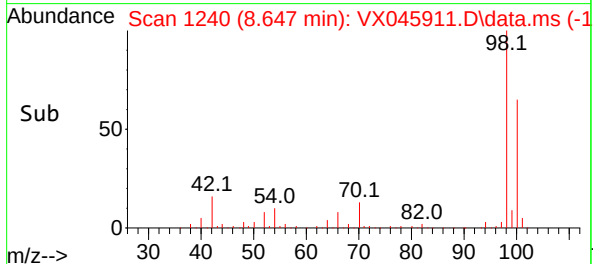
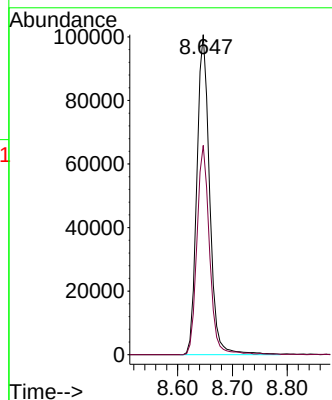
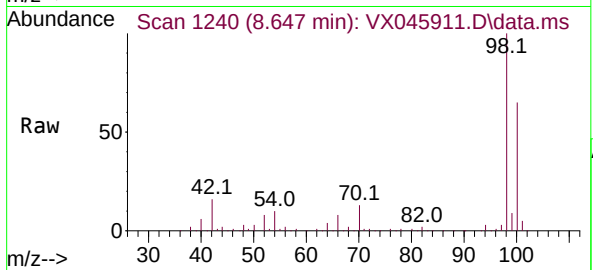




#50  
Toluene-d8  
Concen: 50.133 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045911.D  
Acq: 23 Apr 2025 16:29

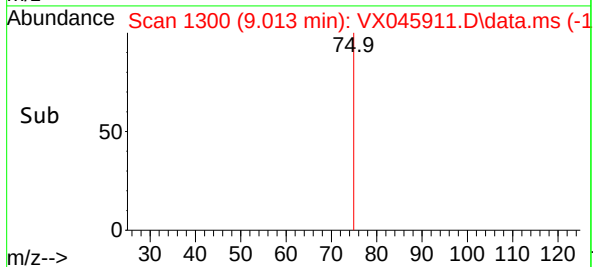
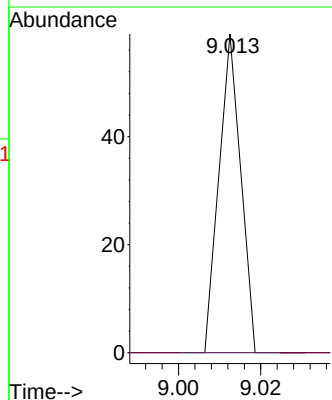
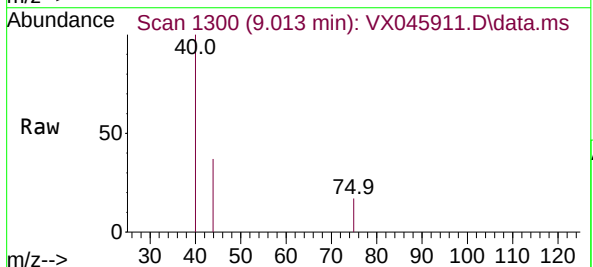
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion: 98 Resp: 163657  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.2 78.4

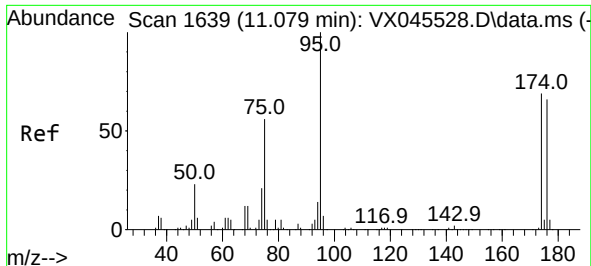


#53  
t-1,3-Dichloropropene  
Concen: 2.304 ug/l  
RT: 9.013 min Scan# 1300  
Delta R.T. 0.037 min  
Lab File: VX045911.D  
Acq: 23 Apr 2025 16:29

Tgt Ion: 75 Resp: 22  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.4 38.0#



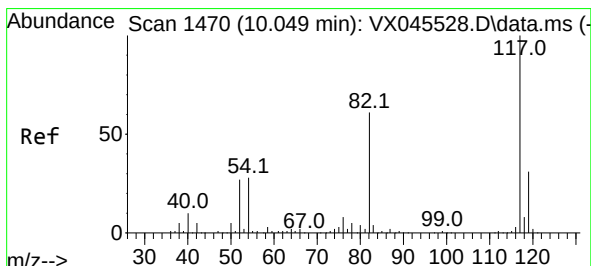
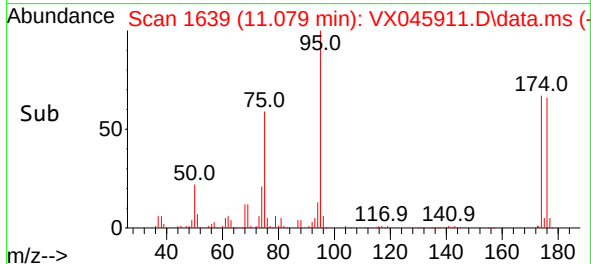
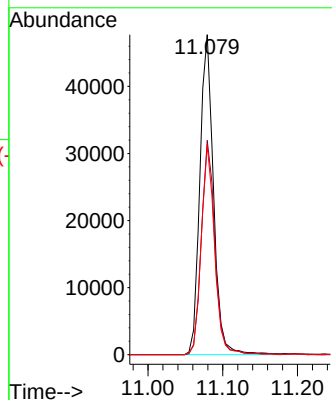
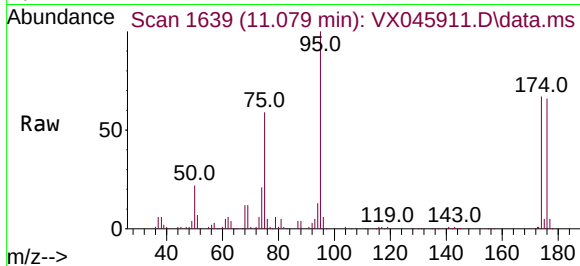




#62  
4-Bromofluorobenzene  
Concen: 50.837 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045911.D  
Acq: 23 Apr 2025 16:29

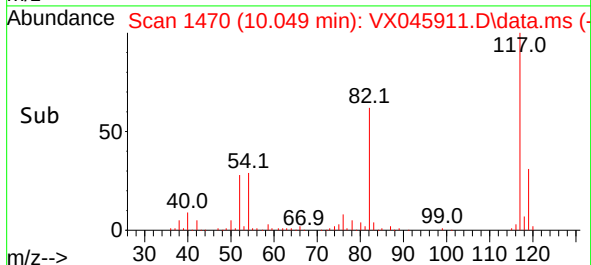
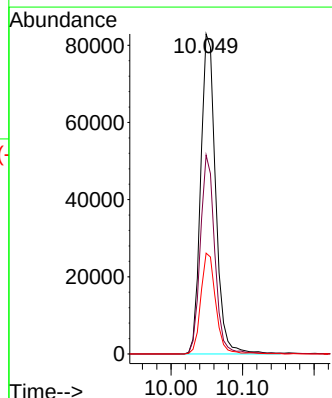
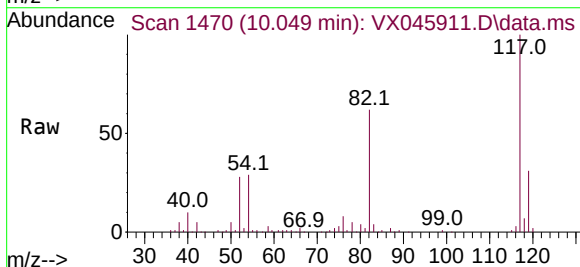
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

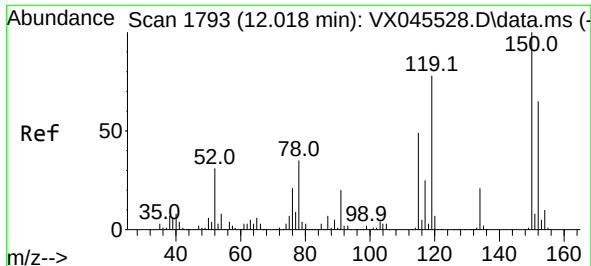
Tgt Ion: 95 Resp: 60449  
Ion Ratio Lower Upper  
95 100  
174 66.8 0.0 135.8  
176 64.0 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX045911.D  
Acq: 23 Apr 2025 16:29

Tgt Ion: 117 Resp: 120312  
Ion Ratio Lower Upper  
117 100  
82 62.1 49.2 73.8  
119 31.5 25.1 37.7

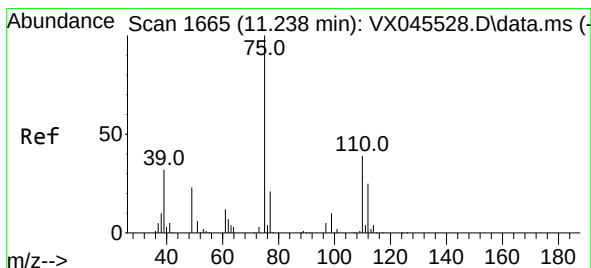
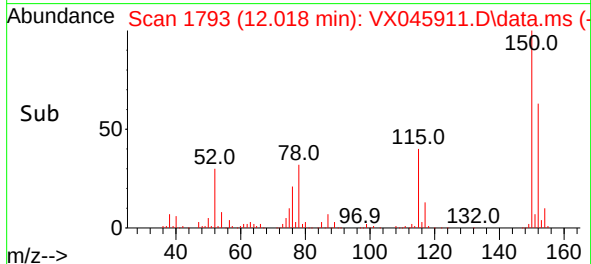
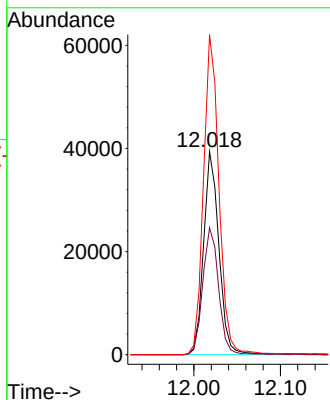
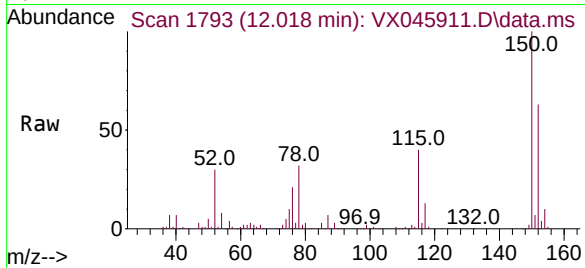




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX045911.D  
 Acq: 23 Apr 2025 16:29

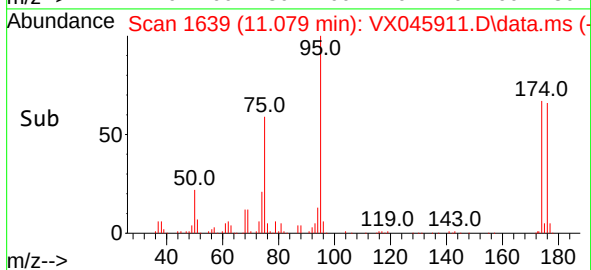
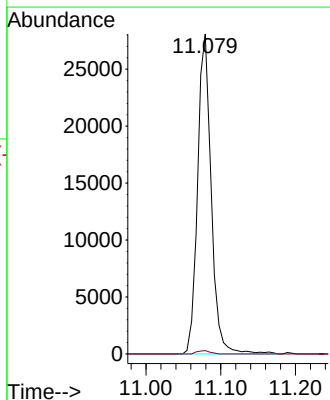
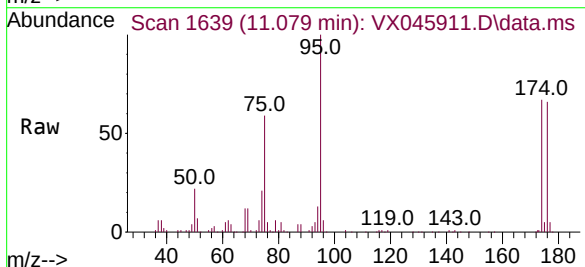
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

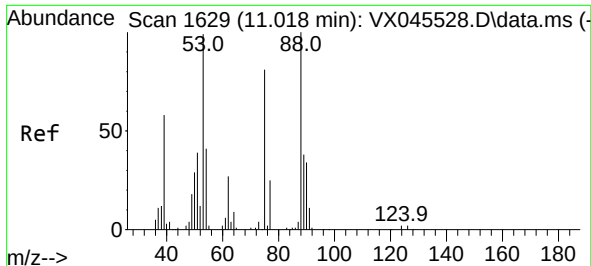
Tgt Ion:152 Resp: 48447  
 Ion Ratio Lower Upper  
 152 100  
 115 64.6 46.9 140.7  
 150 159.4 0.0 349.4



#76  
 1,2,3-Trichloropropane  
 Concen: 30.054 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.159 min  
 Lab File: VX045911.D  
 Acq: 23 Apr 2025 16:29

Tgt Ion: 75 Resp: 35516  
 Ion Ratio Lower Upper  
 75 100  
 77 1.0 20.0 59.9#

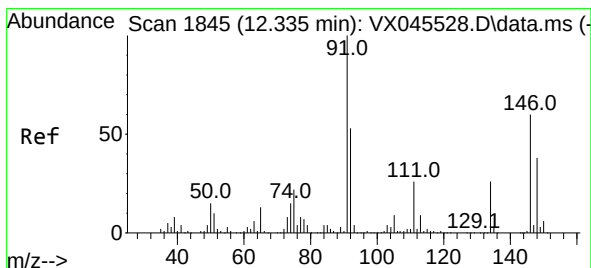
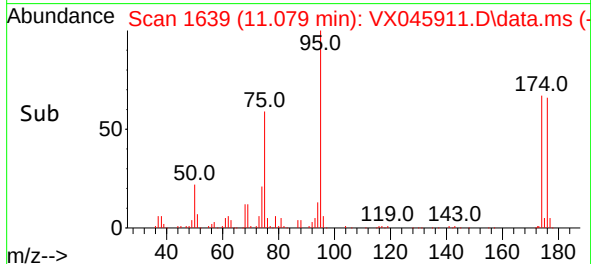
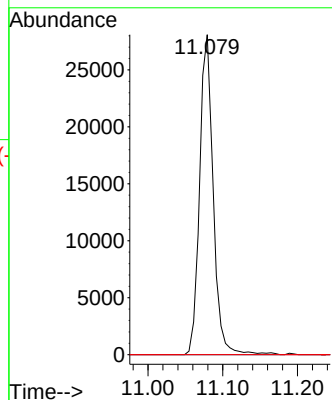
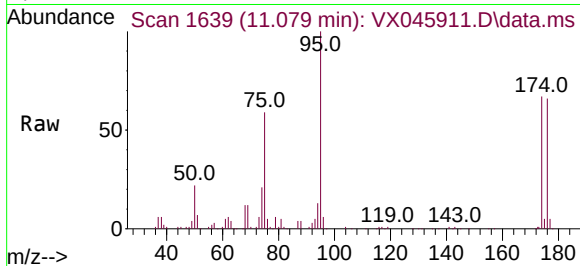




#81  
trans-1,4-Dichloro-2-butene  
Concen: 102.000 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX045911.D  
Acq: 23 Apr 2025 16:29

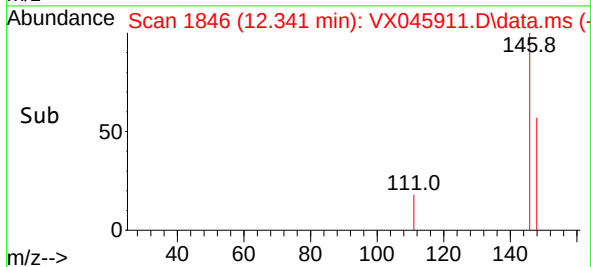
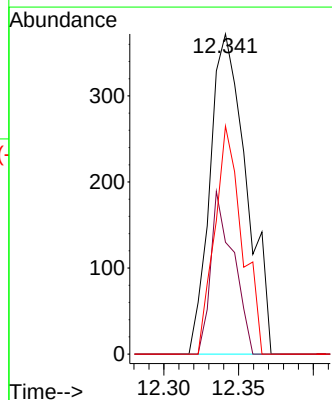
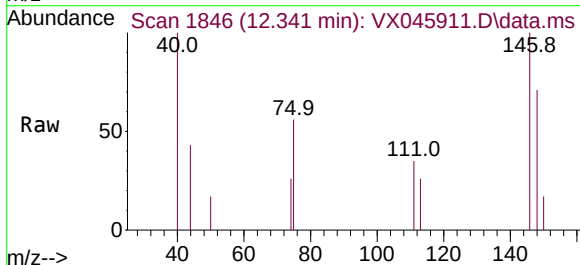
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

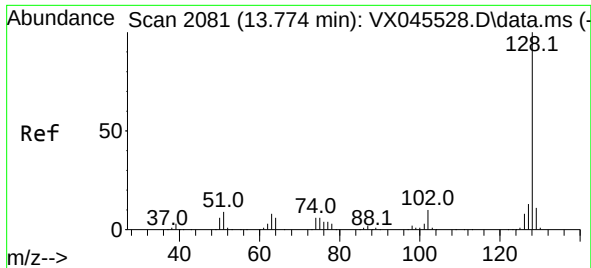
Tgt Ion: 75 Resp: 35516  
Ion Ratio Lower Upper  
75 100  
53 0.0 101.8 152.6#  
89 0.0 37.2 55.8#



#91  
1,2-Dichlorobenzene  
Concen: 0.387 ug/l  
RT: 12.341 min Scan# 1846  
Delta R.T. 0.006 min  
Lab File: VX045911.D  
Acq: 23 Apr 2025 16:29

Tgt Ion:146 Resp: 628  
Ion Ratio Lower Upper  
146 100  
111 31.5 22.9 68.8  
148 53.7 31.9 95.5





#95

Naphthalene

Concen: 1.356 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX045911.D

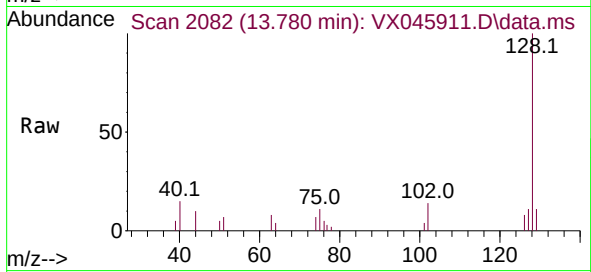
Acq: 23 Apr 2025 16:29

Instrument :

MSVOA\_X

ClientSampleId :

IBLK



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 4559  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 9.9   | 10.3  | 15.5# |
| 129      | 9.4   | 8.6   | 12.8  |

