

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030325\  
 Data File : VX045114.D  
 Acq On : 03 Mar 2025 15:40  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Mar 04 05:25:15 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 06:45:16 2025  
 Response via : Initial Calibration

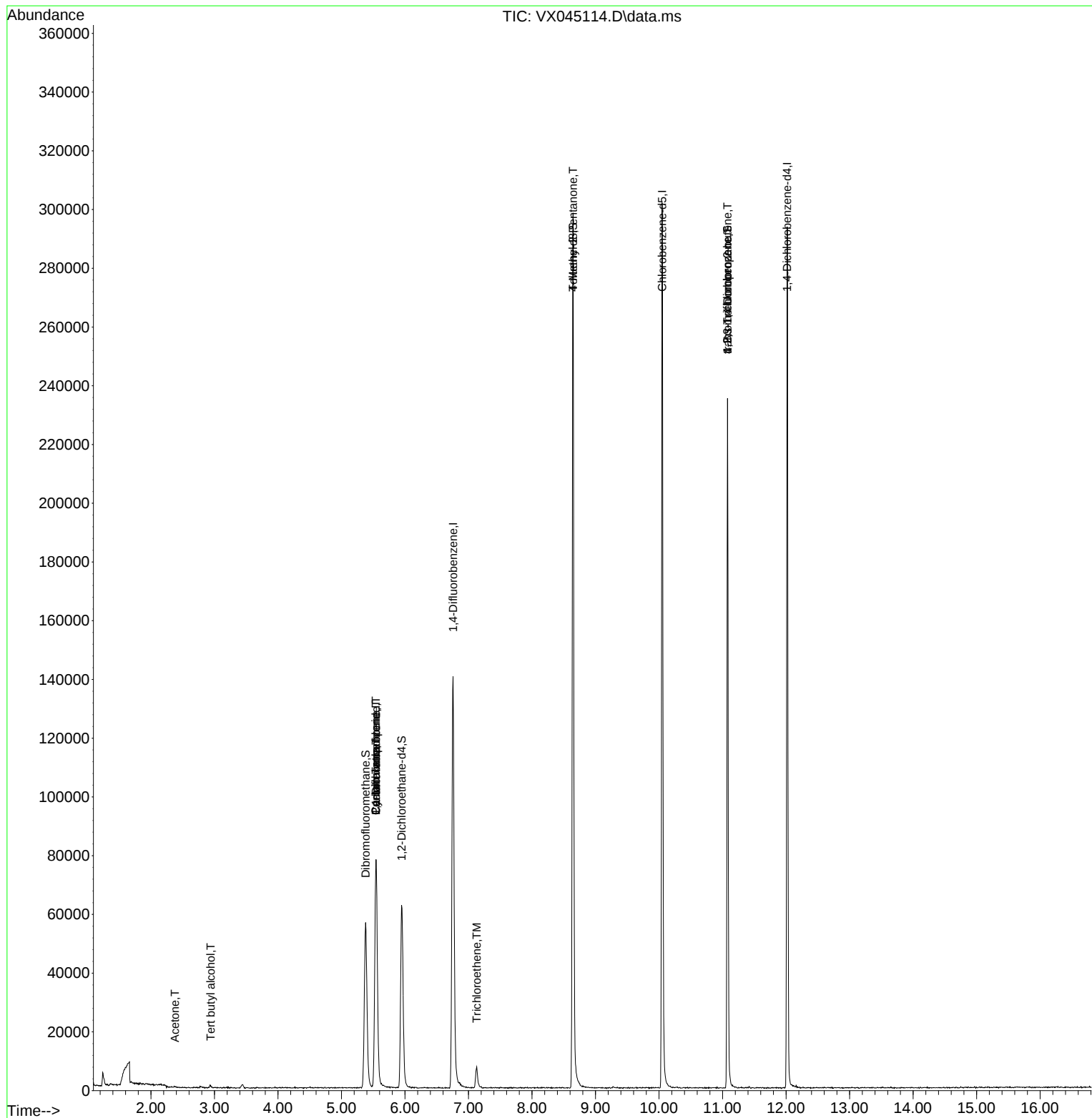
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.544     | 168   | 72583    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757     | 114   | 145924   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.049    | 117   | 134249   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018    | 152   | 56330    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.946     | 65    | 60252    | 52.187   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 74 - 125 | Recovery | = 104.380% |          |
| 35) Dibromofluoromethane      | 5.379     | 113   | 49274    | 50.498   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery | = 101.000% |          |
| 50) Toluene-d8                | 8.647     | 98    | 183010   | 51.735   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 86 - 113 | Recovery | = 103.460% |          |
| 62) 4-Bromofluorobenzene      | 11.079    | 95    | 62329    | 53.172   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 77 - 121 | Recovery | = 106.340% |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol        | 2.941     | 59    | 200      | 0.915    | ug/l #     | 73       |
| 16) Acetone                   | 2.380     | 43    | 220      | 0.411    | ug/l #     | 82       |
| 31) Cyclohexane               | 5.544     | 56    | 1904     | 1.212    | ug/l #     | 10       |
| 36) 1,1-Dichloropropene       | 5.544     | 75    | 6387     | 4.773    | ug/l #     | 46       |
| 38) Carbon Tetrachloride      | 5.544     | 117   | 7597     | 5.592    | ug/l #     | 15       |
| 44) Trichloroethene           | 7.129     | 130   | 3220     | 3.245    | ug/l       | 89       |
| 51) 4-Methyl-2-Pentanone      | 8.647     | 43    | 865      | 0.505    | ug/l #     | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75    | 32599    | 24.864   | ug/l #     | 36       |
| 81) trans-1,4-Dichloro-2-b... | 11.079    | 75    | 32599    | 85.090   | ug/l #     | 6        |
| -----                         |           |       |          |          |            |          |

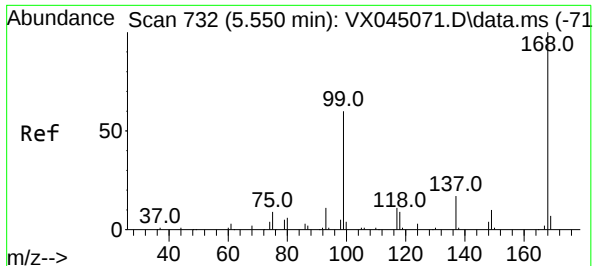
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Quant Time: Mar 04 05:25:15 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 28 06:45:16 2025  
Response via : Initial Calibration

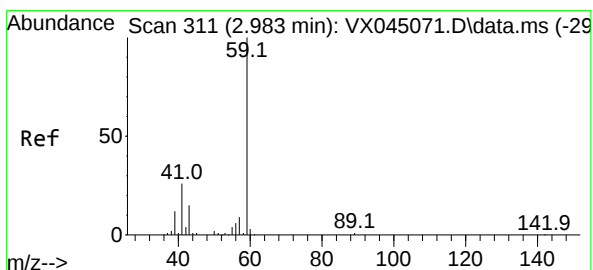
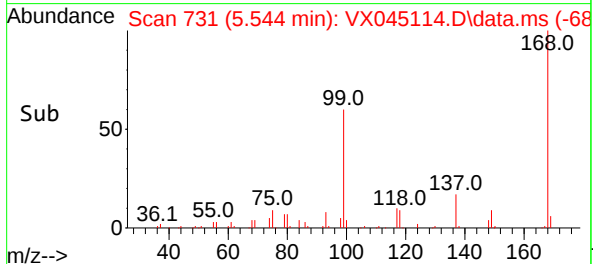
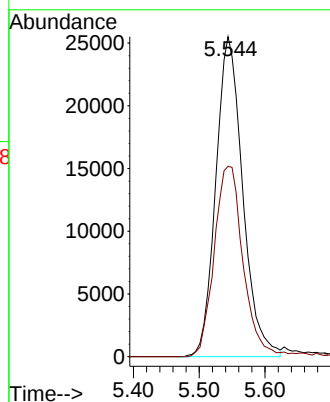
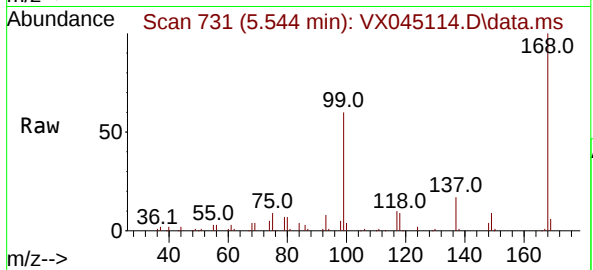




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045114.D  
Acq: 03 Mar 2025 15:40

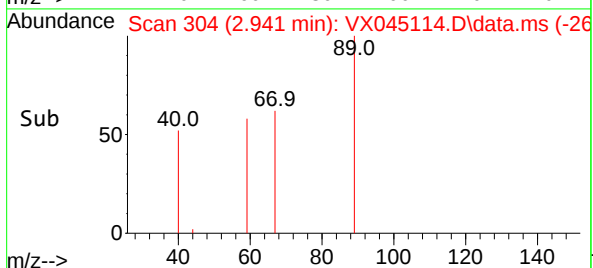
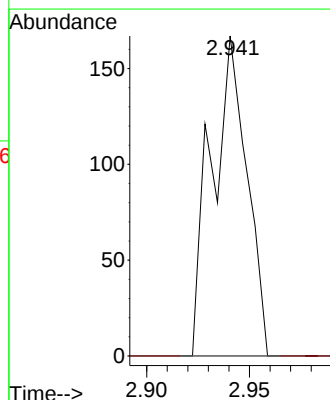
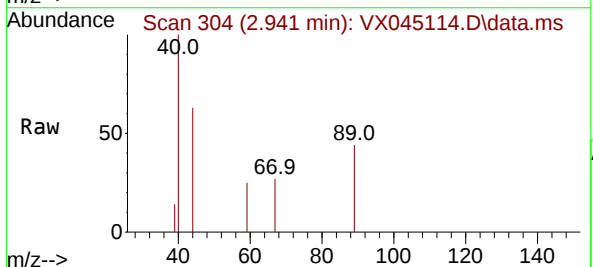
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

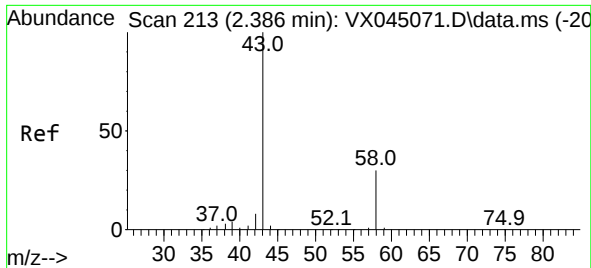
Tgt Ion:168 Resp: 72583  
Ion Ratio Lower Upper  
168 100  
99 59.5 48.2 72.4



#11  
Tert butyl alcohol  
Concen: 0.915 ug/l  
RT: 2.941 min Scan# 304  
Delta R.T. -0.043 min  
Lab File: VX045114.D  
Acq: 03 Mar 2025 15:40

Tgt Ion: 59 Resp: 200  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#

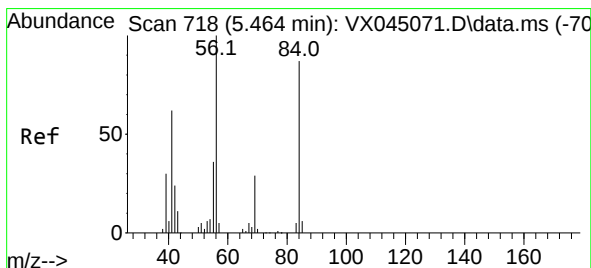
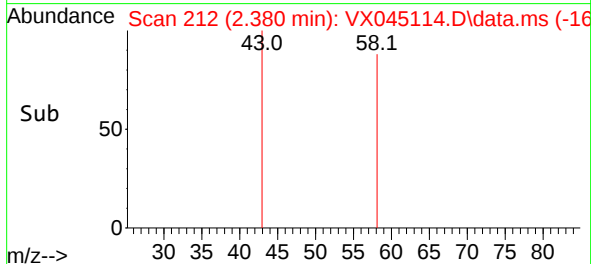
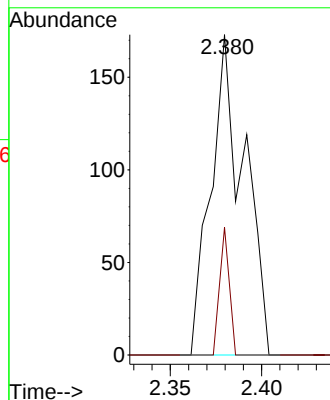
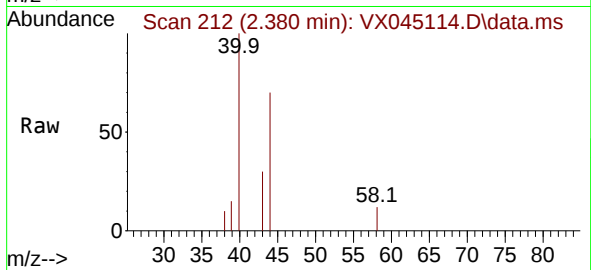




#16  
Acetone  
Concen: 0.411 ug/l  
RT: 2.380 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX045114.D  
Acq: 03 Mar 2025 15:40

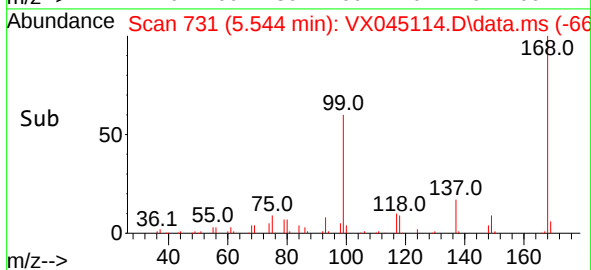
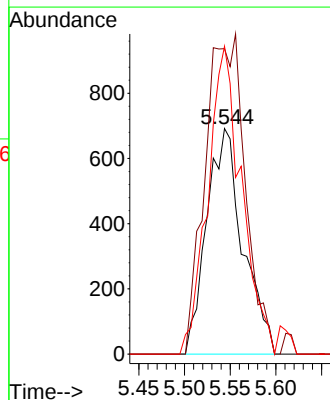
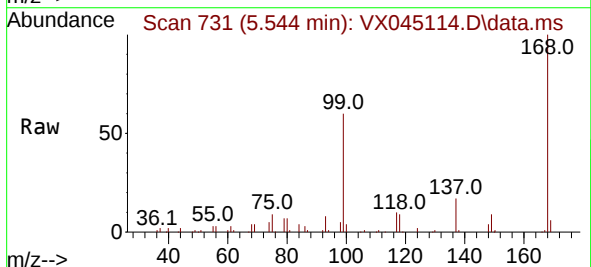
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

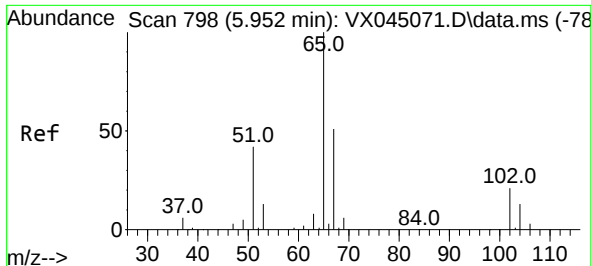
Tgt Ion: 43 Resp: 220  
Ion Ratio Lower Upper  
43 100  
58 39.9 24.2 36.4#



#31  
Cyclohexane  
Concen: 1.212 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. 0.079 min  
Lab File: VX045114.D  
Acq: 03 Mar 2025 15:40

Tgt Ion: 56 Resp: 1904  
Ion Ratio Lower Upper  
56 100  
69 135.4 23.4 35.2#  
84 136.4 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 52.187 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045114.D

Acq: 03 Mar 2025 15:40

Instrument :

MSVOA\_X

ClientSampleId :

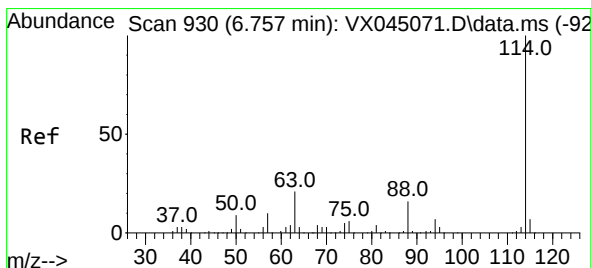
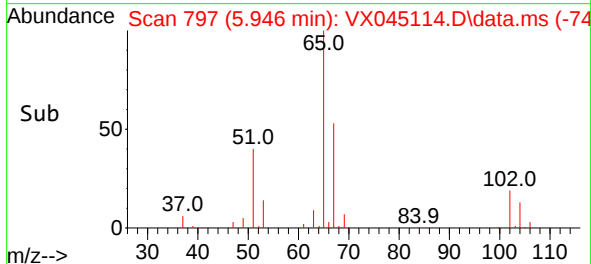
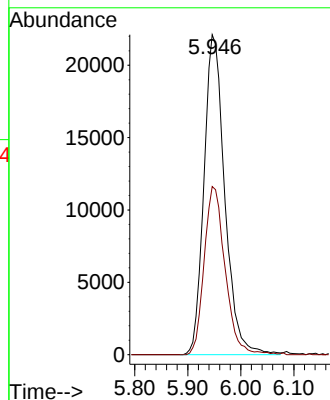
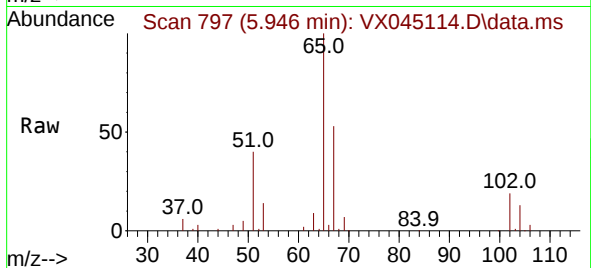
IBLK

Tgt Ion: 65 Resp: 60252

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045114.D

Acq: 03 Mar 2025 15:40

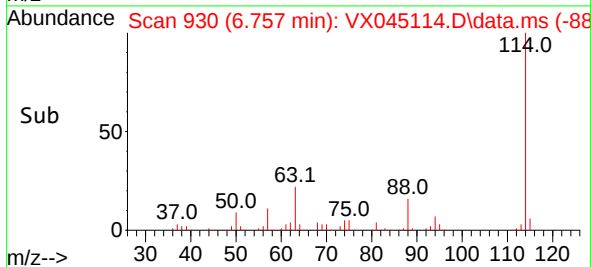
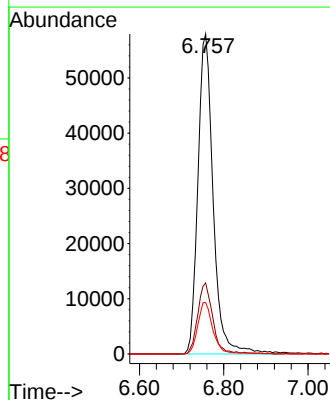
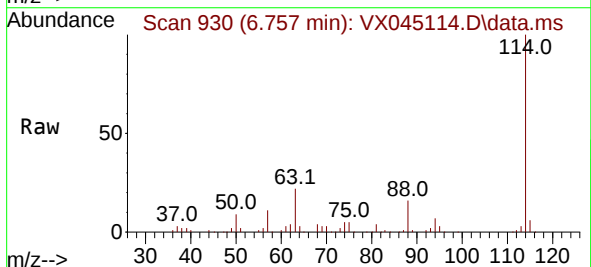
Tgt Ion: 114 Resp: 145924

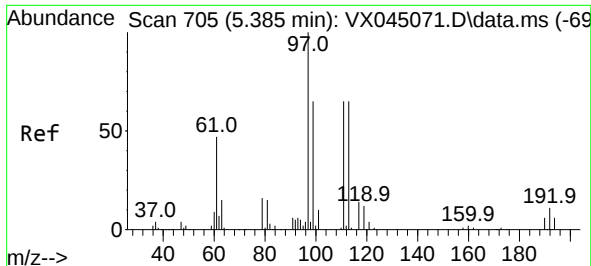
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 16.1 0.0 32.8

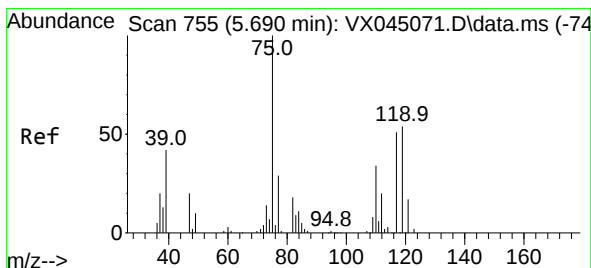
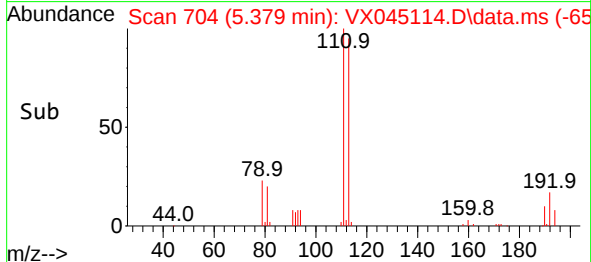
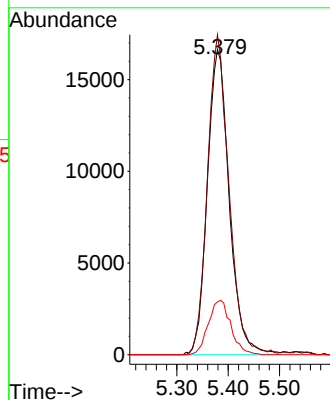
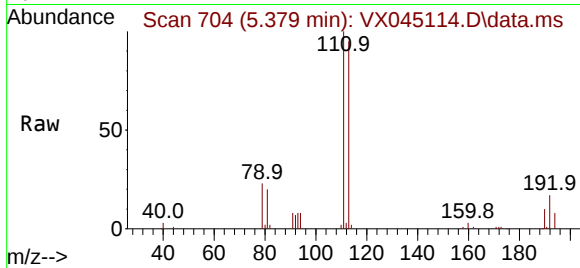




#35  
Dibromofluoromethane  
Concen: 50.498 ug/l  
RT: 5.379 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX045114.D  
Acq: 03 Mar 2025 15:40

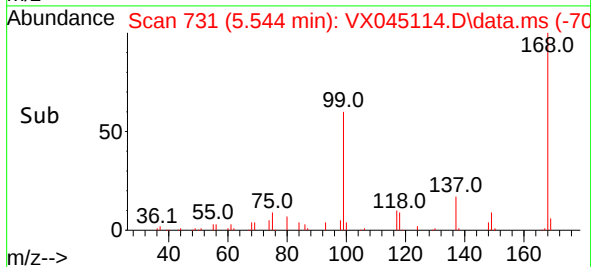
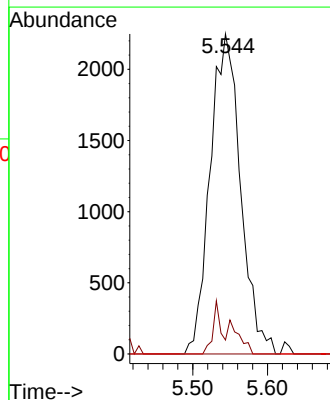
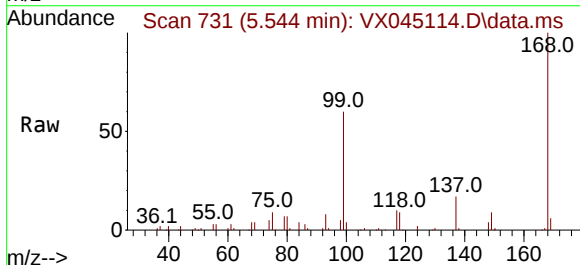
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

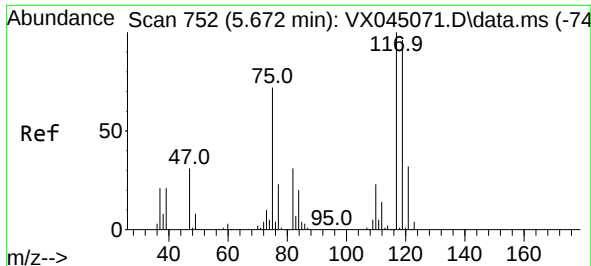
Tgt Ion:113 Resp: 49274  
Ion Ratio Lower Upper  
113 100  
111 102.7 81.8 122.6  
192 18.3 14.3 21.5



#36  
1,1-Dichloropropene  
Concen: 4.773 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.146 min  
Lab File: VX045114.D  
Acq: 03 Mar 2025 15:40

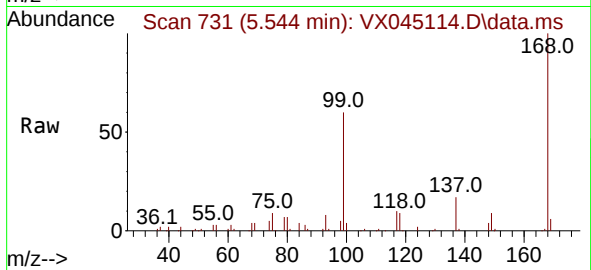
Tgt Ion: 75 Resp: 6387  
Ion Ratio Lower Upper  
75 100  
110 3.9 16.9 50.6#  
77 0.0 24.5 36.7#



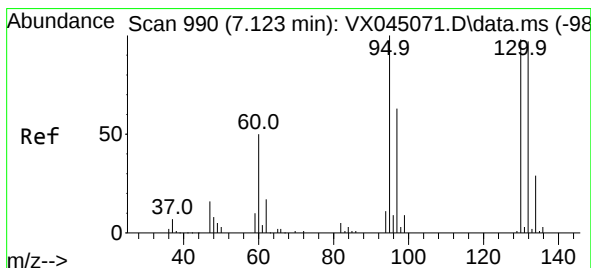
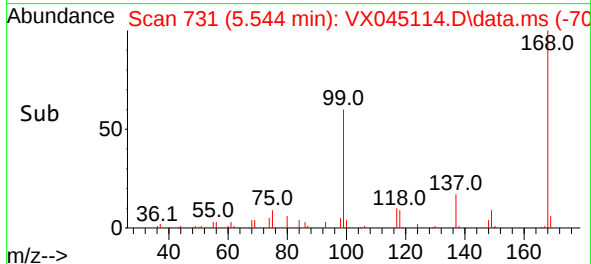
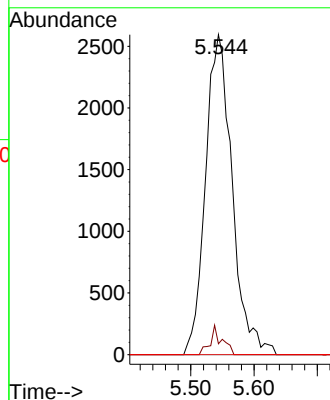


#38  
Carbon Tetrachloride  
Concen: 5.592 ug/l  
RT: 5.544 min Scan# 711  
Delta R.T. -0.128 min  
Lab File: VX045114.D  
Acq: 03 Mar 2025 15:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

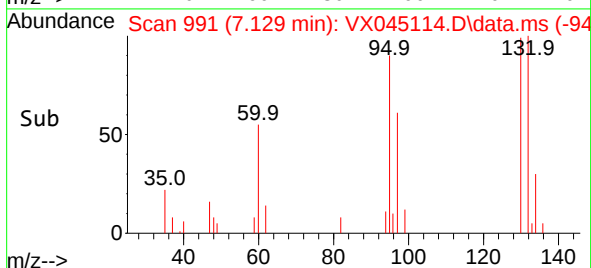
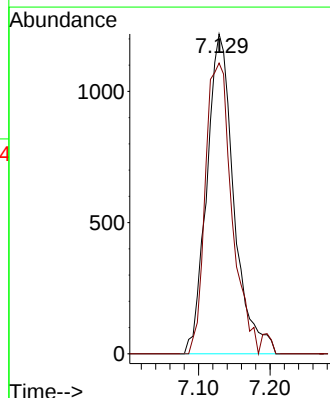
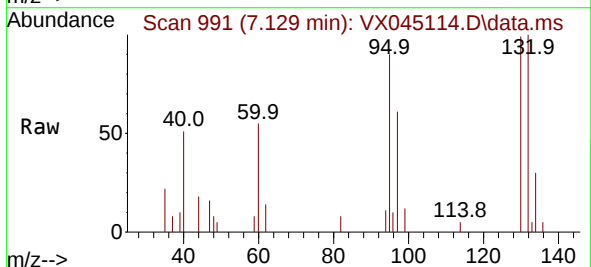


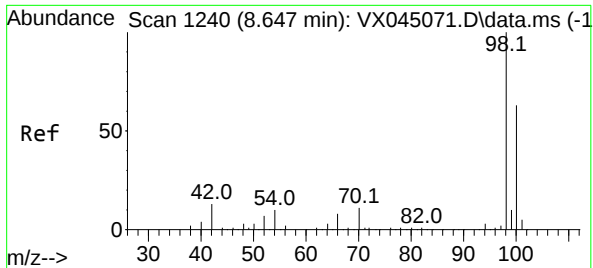
Tgt Ion:117 Resp: 7597  
Ion Ratio Lower Upper  
117 100  
119 3.4 76.7 115.1#  
121 0.0 25.5 38.3#



#44  
Trichloroethene  
Concen: 3.245 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX045114.D  
Acq: 03 Mar 2025 15:40

Tgt Ion:130 Resp: 3220  
Ion Ratio Lower Upper  
130 100  
95 90.9 0.0 205.0

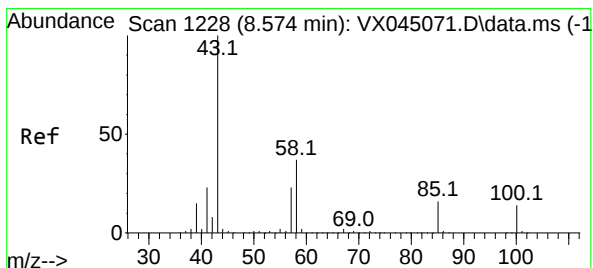
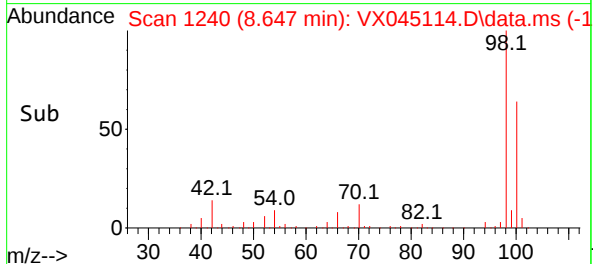
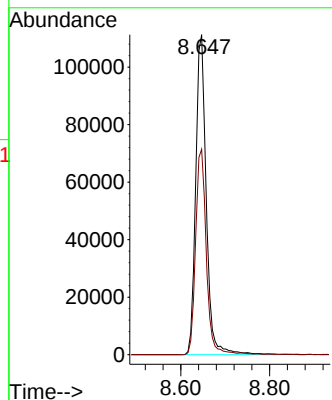
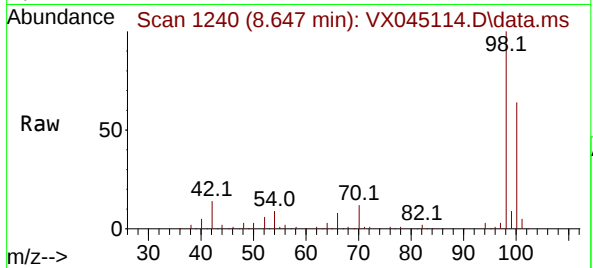




#50  
Toluene-d8  
Concen: 51.735 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX045114.D  
Acq: 03 Mar 2025 15:40

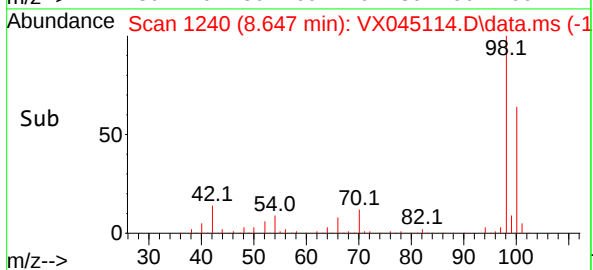
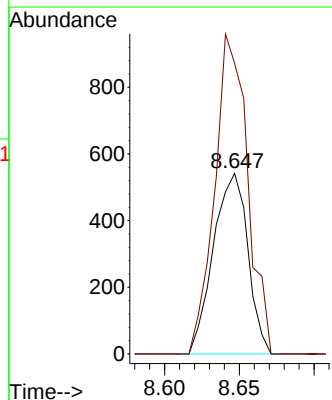
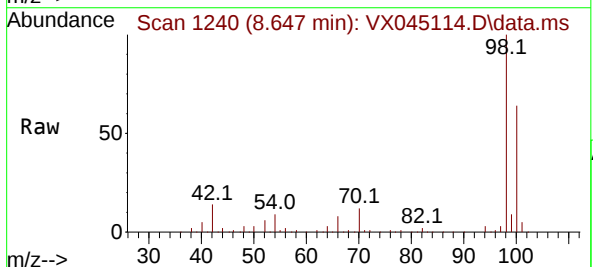
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

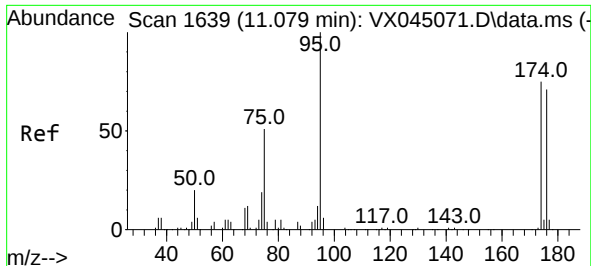
Tgt Ion: 98 Resp: 183010  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.0 78.0



#51  
4-Methyl-2-Pentanone  
Concen: 0.505 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX045114.D  
Acq: 03 Mar 2025 15:40

Tgt Ion: 43 Resp: 865  
Ion Ratio Lower Upper  
43 100  
58 169.7 29.2 43.8#

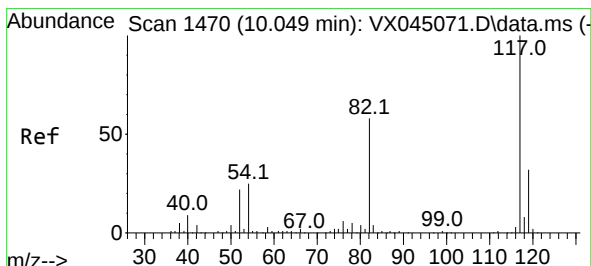
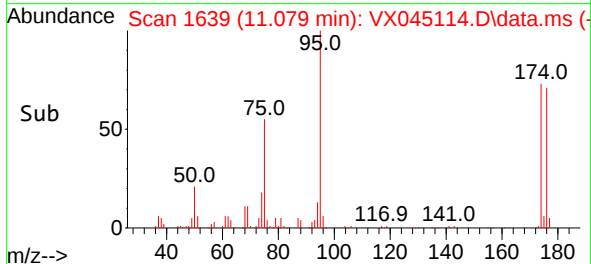
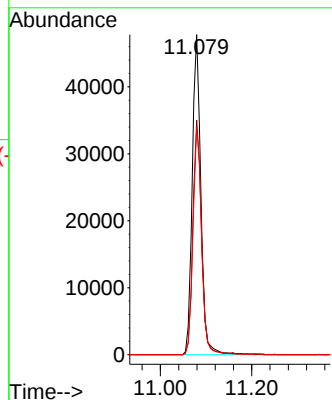
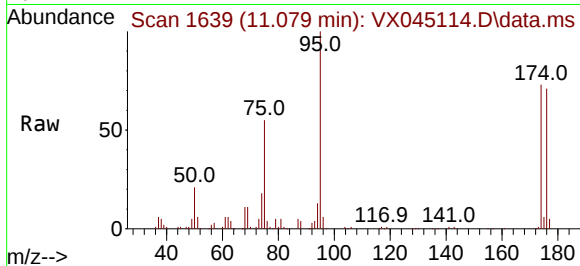




#62  
4-Bromofluorobenzene  
Concen: 53.172 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX045114.D  
Acq: 03 Mar 2025 15:40

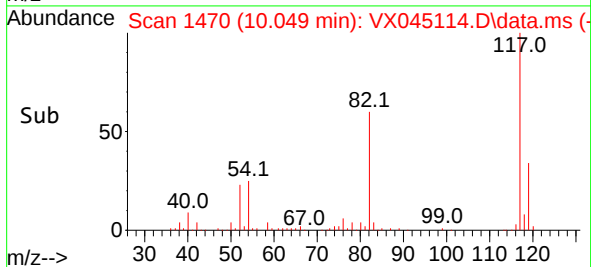
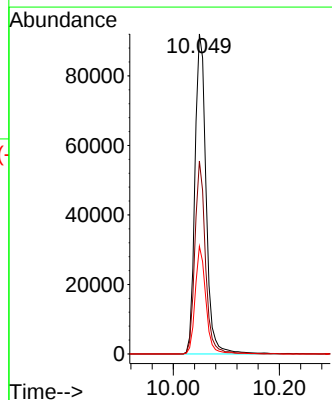
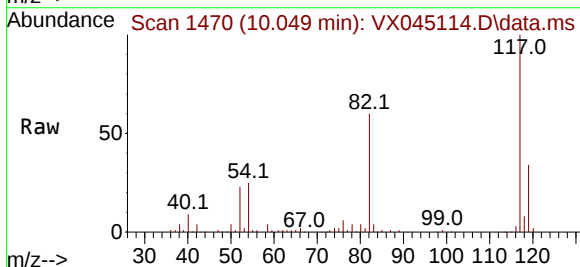
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

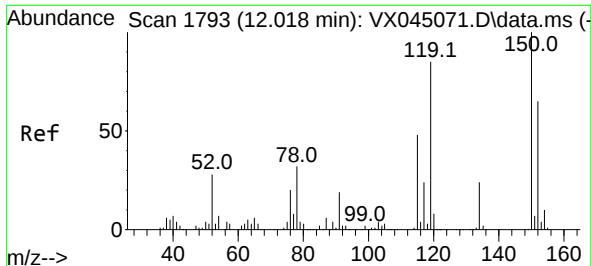
Tgt Ion: 95 Resp: 62329  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 148.2  
176 70.5 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX045114.D  
Acq: 03 Mar 2025 15:40

Tgt Ion: 117 Resp: 134249  
Ion Ratio Lower Upper  
117 100  
82 60.3 46.3 69.5  
119 33.7 25.7 38.5

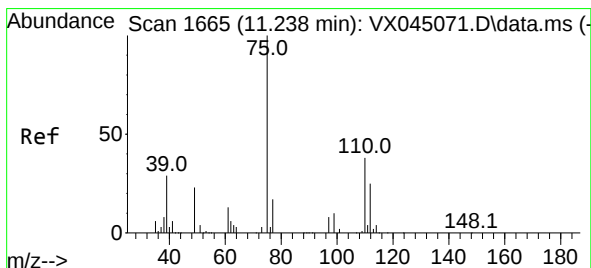
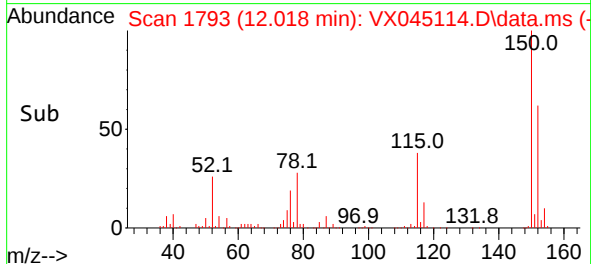
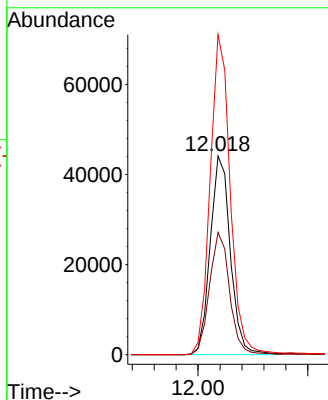
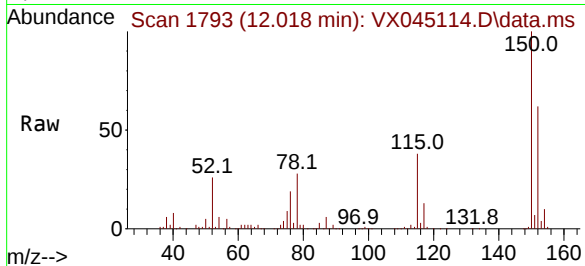




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX045114.D  
 Acq: 03 Mar 2025 15:40

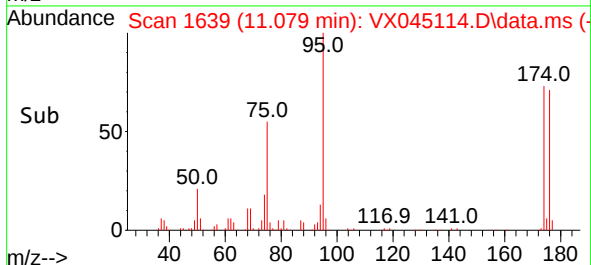
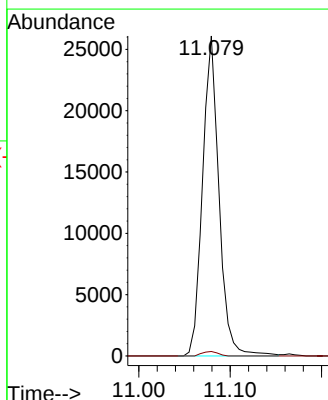
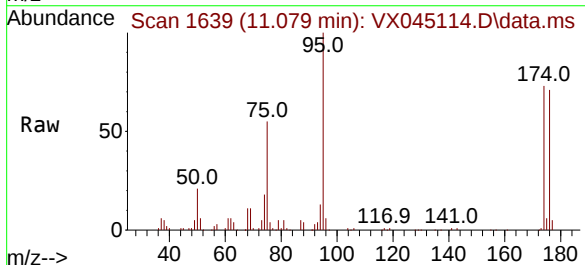
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

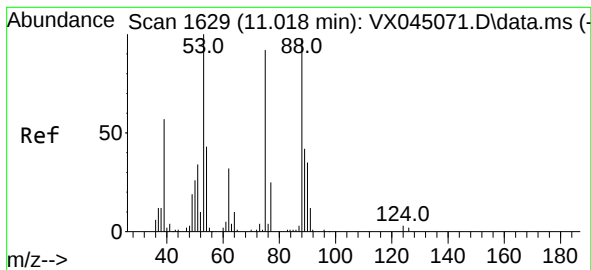
Tgt Ion:152 Resp: 56330  
 Ion Ratio Lower Upper  
 152 100  
 115 61.8 44.2 132.6  
 150 162.1 0.0 349.0



#76  
 1,2,3-Trichloropropane  
 Concen: 24.864 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.159 min  
 Lab File: VX045114.D  
 Acq: 03 Mar 2025 15:40

Tgt Ion: 75 Resp: 32599  
 Ion Ratio Lower Upper  
 75 100  
 77 1.3 20.7 62.1#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 85.090 ug/l  
 RT: 11.079 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX045114.D  
 Acq: 03 Mar 2025 15:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Tgt Ion: 75 Resp: 32599  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 88.5 132.7#  
 89 0.1 36.2 54.4#

