

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111425\  
 Data File : VX048611.D  
 Acq On : 14 Nov 2025 15:41  
 Operator : JC/MD  
 Sample : Q3643-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Nov 14 22:22:15 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110725W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 08 05:08:11 2025  
 Response via : Initial Calibration

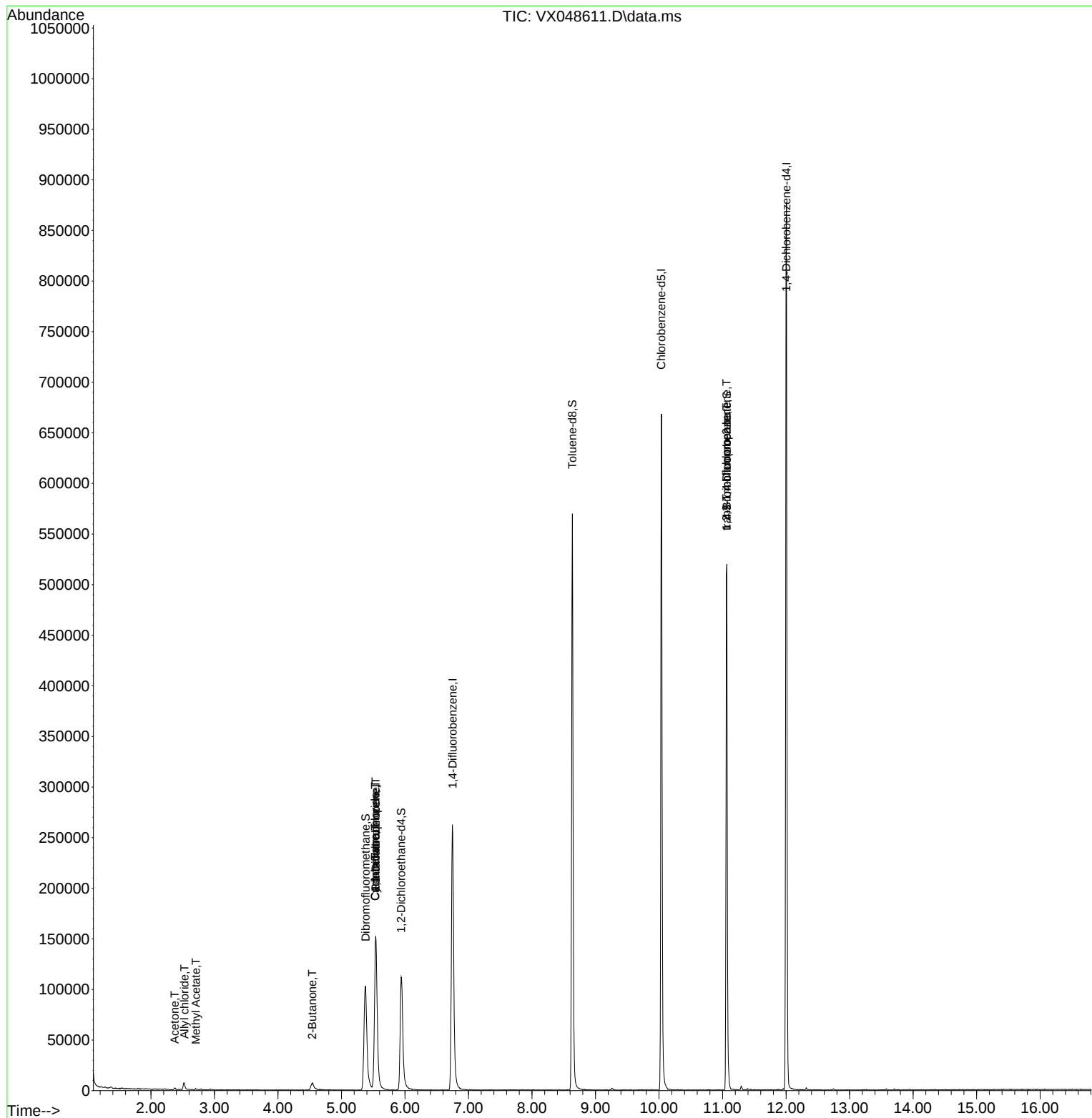
| Compound                      | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                         |           |       |          |          |             |          |
| Internal Standards            |           |       |          |          |             |          |
| 1) Pentafluorobenzene         | 5.538     | 168   | 152243   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.751     | 114   | 286864   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5          | 10.037    | 117   | 308578   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.006    | 152   | 197471   | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds   |           |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4     | 5.940     | 65    | 124339   | 58.612   | ug/l        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 78 - 117 | Recovery | = 117.220%# |          |
| 35) Dibromofluoromethane      | 5.379     | 113   | 103413   | 47.630   | ug/l        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery | = 95.260%   |          |
| 50) Toluene-d8                | 8.635     | 98    | 345208   | 50.979   | ug/l        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 92 - 112 | Recovery | = 101.960%  |          |
| 62) 4-Bromofluorobenzene      | 11.067    | 95    | 144236   | 57.157   | ug/l        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 83 - 123 | Recovery | = 114.320%  |          |
| Target Compounds              |           |       |          |          |             |          |
|                               |           |       |          |          | Qvalue      |          |
| 14) Allyl chloride            | 2.526     | 41    | 932      | 0.282    | ug/l #      | 59       |
| 16) Acetone                   | 2.374     | 43    | 2405     | 2.395    | ug/l        | 99       |
| 18) Methyl Acetate            | 2.709     | 43    | 1312     | 0.475    | ug/l #      | 71       |
| 25) 2-Butanone                | 4.538     | 43    | 359      | 0.242    | ug/l #      | 48       |
| 31) Cyclohexane               | 5.532     | 56    | 3440     | 1.208    | ug/l #      | 16       |
| 36) 1,1-Dichloropropene       | 5.538     | 75    | 12675    | 4.360    | ug/l #      | 50       |
| 38) Carbon Tetrachloride      | 5.532     | 117   | 15586    | 4.709    | ug/l #      | 16       |
| 76) 1,2,3-Trichloropropane    | 11.061    | 75    | 77705    | 16.334   | ug/l #      | 30       |
| 81) trans-1,4-Dichloro-2-b... | 11.061    | 75    | 77705    | 46.719   | ug/l #      | 12       |
| -----                         |           |       |          |          |             |          |

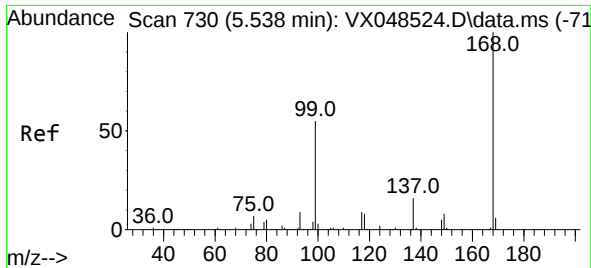
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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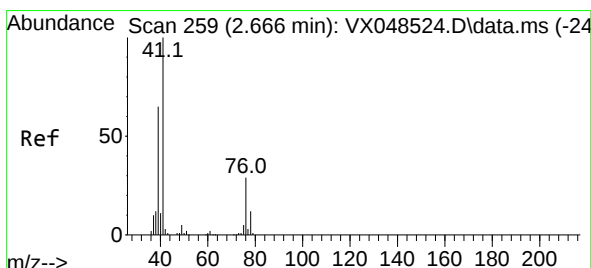
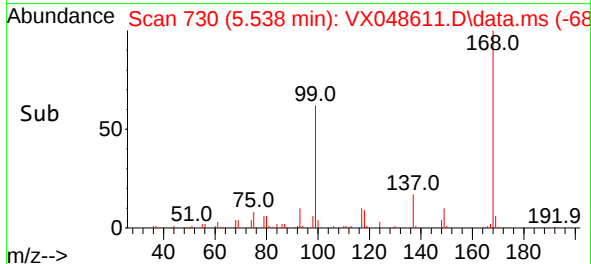
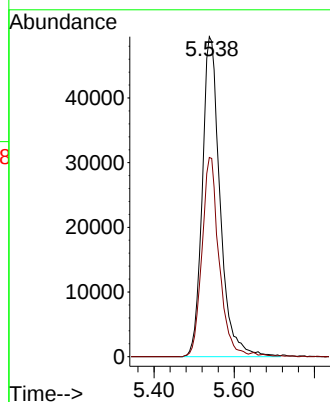
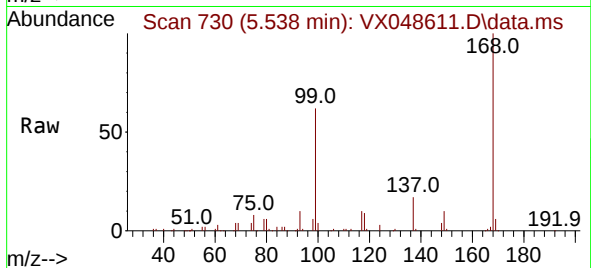




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX048611.D  
Acq: 14 Nov 2025 15:41

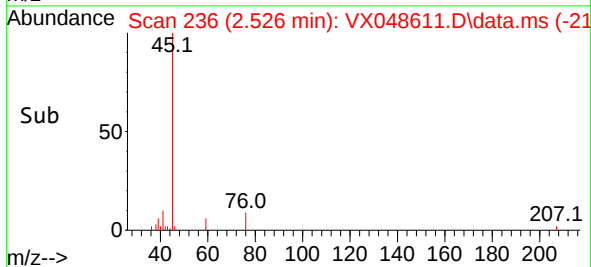
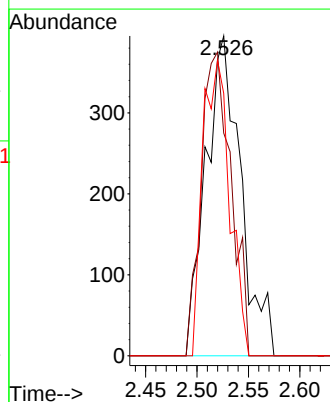
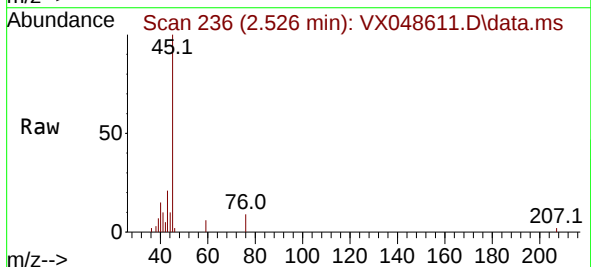
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAGEMENT

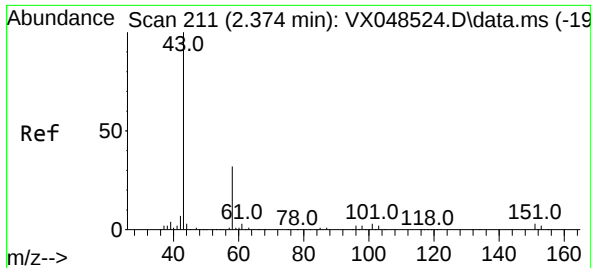
Tgt Ion:168 Resp: 152243  
Ion Ratio Lower Upper  
168 100  
99 62.2 45.2 67.8



#14  
Allyl chloride  
Concen: 0.282 ug/l  
RT: 2.526 min Scan# 236  
Delta R.T. -0.140 min  
Lab File: VX048611.D  
Acq: 14 Nov 2025 15:41

Tgt Ion: 41 Resp: 932  
Ion Ratio Lower Upper  
41 100  
39 81.4 48.6 73.0#  
76 72.1 27.7 41.5#

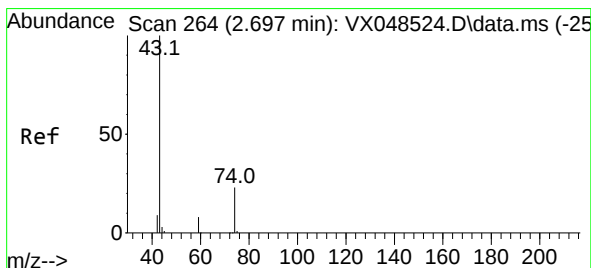
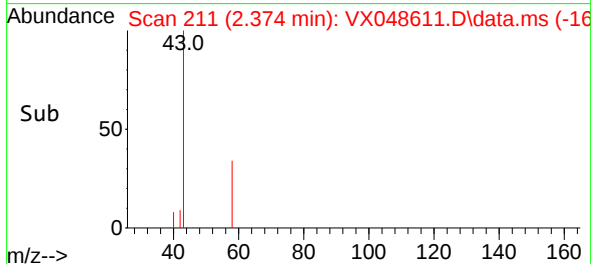
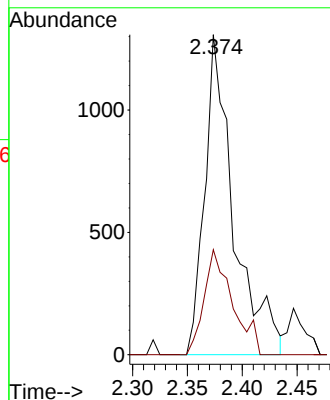
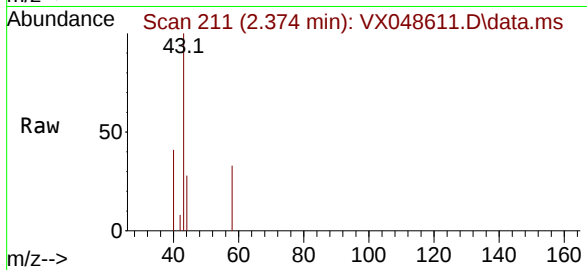




#16  
Acetone  
Concen: 2.395 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX048611.D  
Acq: 14 Nov 2025 15:41

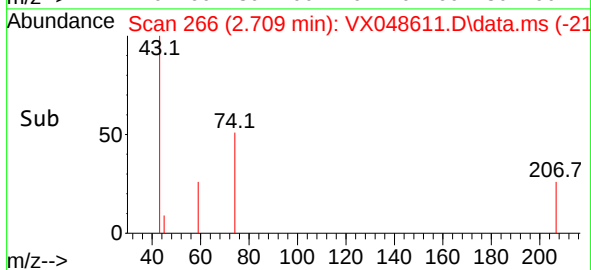
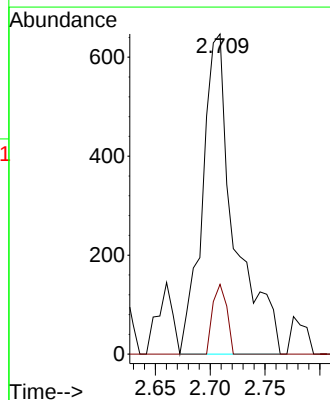
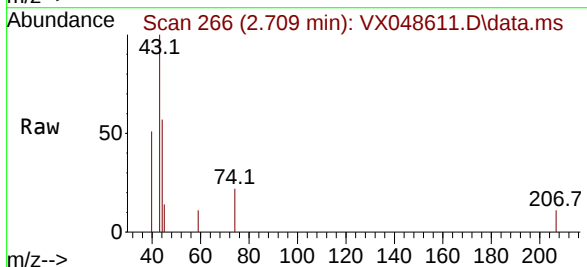
Instrument :  
MSVOA\_X  
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STORAGE-BLANK-SAMPLE-MANAGEMENT

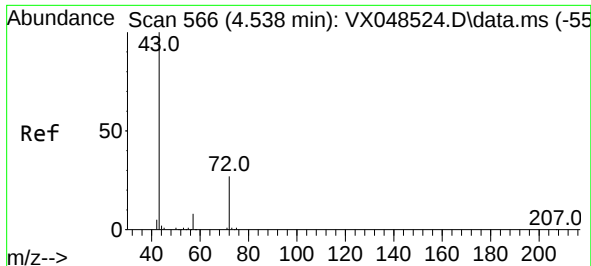
Tgt Ion: 43 Resp: 2405  
Ion Ratio Lower Upper  
43 100  
58 32.8 25.8 38.6



#18  
Methyl Acetate  
Concen: 0.475 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.012 min  
Lab File: VX048611.D  
Acq: 14 Nov 2025 15:41

Tgt Ion: 43 Resp: 1312  
Ion Ratio Lower Upper  
43 100  
74 9.6 19.1 28.7#

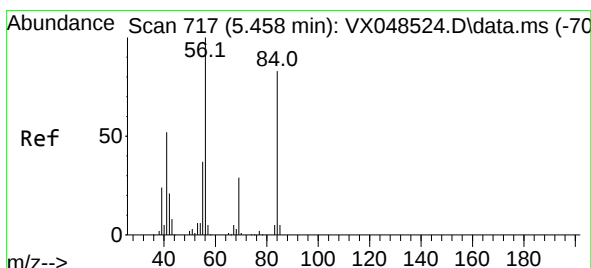
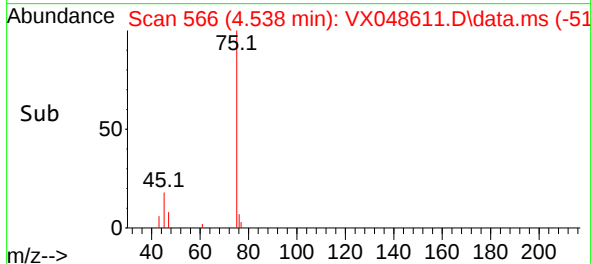
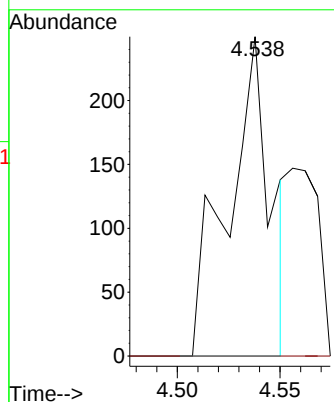
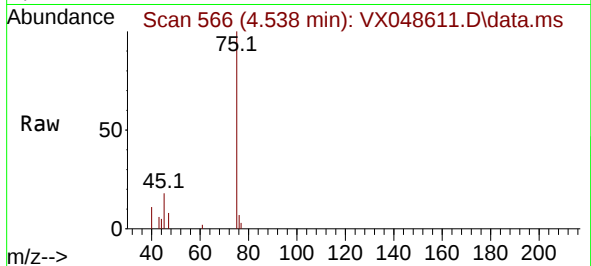




#25  
2-Butanone  
Concen: 0.242 ug/l  
RT: 4.538 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX048611.D  
Acq: 14 Nov 2025 15:41

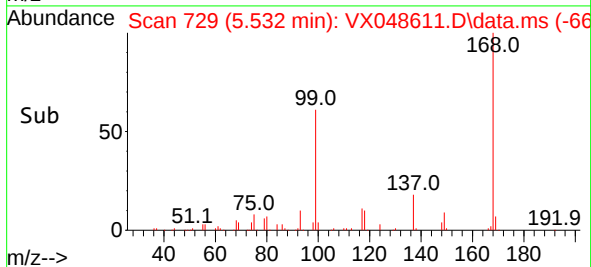
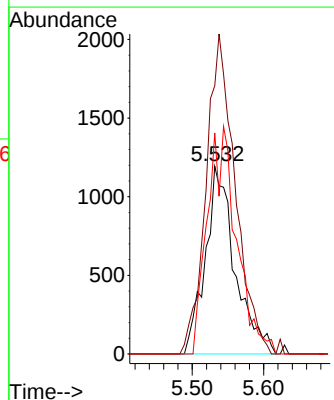
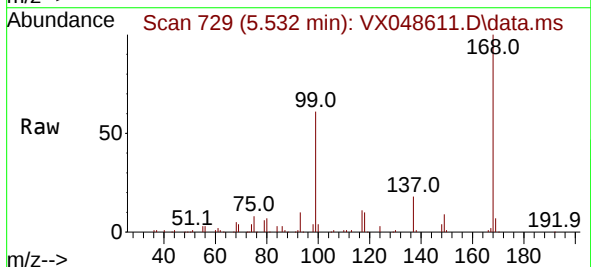
Instrument :  
MSVOA\_X  
ClientSampleId :  
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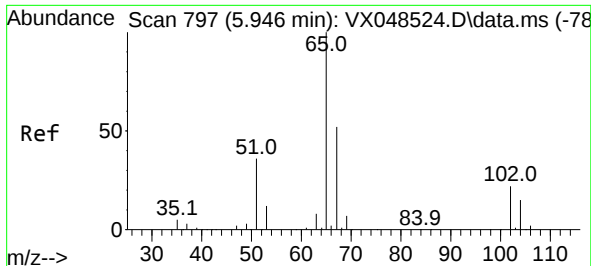
Tgt Ion: 43 Resp: 359  
Ion Ratio Lower Upper  
43 100  
72 0.0 21.5 32.3#



#31  
Cyclohexane  
Concen: 1.208 ug/l  
RT: 5.532 min Scan# 729  
Delta R.T. 0.073 min  
Lab File: VX048611.D  
Acq: 14 Nov 2025 15:41

Tgt Ion: 56 Resp: 3440  
Ion Ratio Lower Upper  
56 100  
69 142.8 23.4 35.2#  
84 117.7 66.3 99.5#

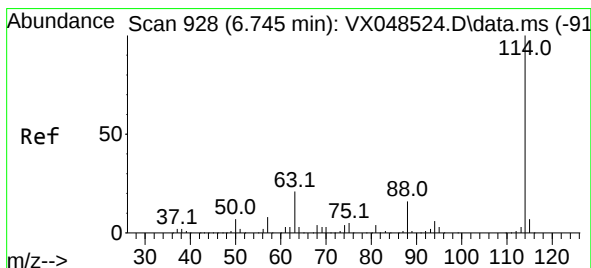
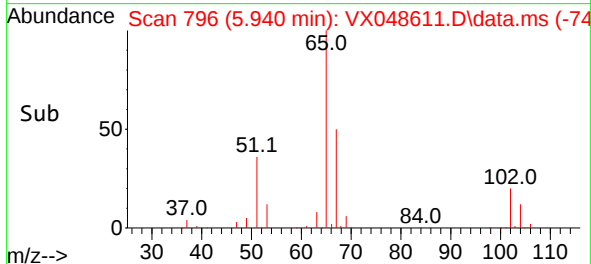
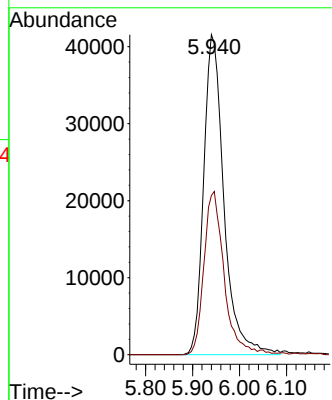
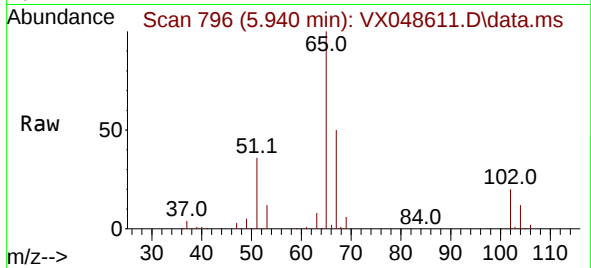




#33  
 1,2-Dichloroethane-d4  
 Concen: 58.612 ug/l  
 RT: 5.940 min Scan# 797  
 Delta R.T. -0.006 min  
 Lab File: VX048611.D  
 Acq: 14 Nov 2025 15:41

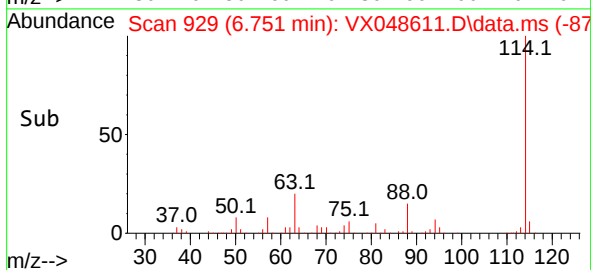
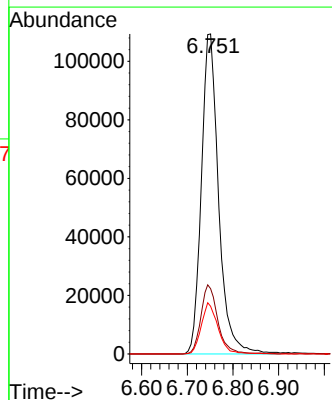
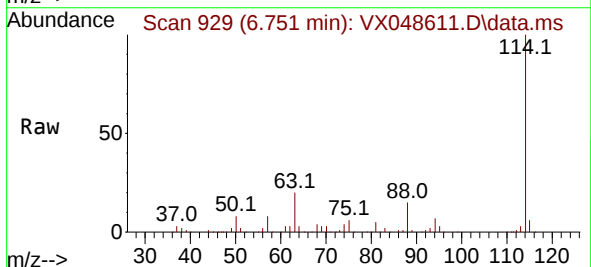
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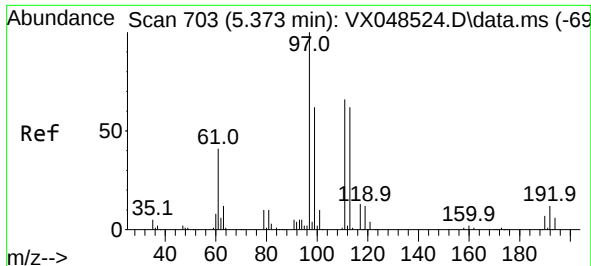
Tgt Ion: 65 Resp: 124339  
 Ion Ratio Lower Upper  
 65 100  
 67 50.9 0.0 106.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.751 min Scan# 929  
 Delta R.T. 0.006 min  
 Lab File: VX048611.D  
 Acq: 14 Nov 2025 15:41

Tgt Ion: 114 Resp: 286864  
 Ion Ratio Lower Upper  
 114 100  
 63 20.4 0.0 41.2  
 88 14.9 0.0 32.2

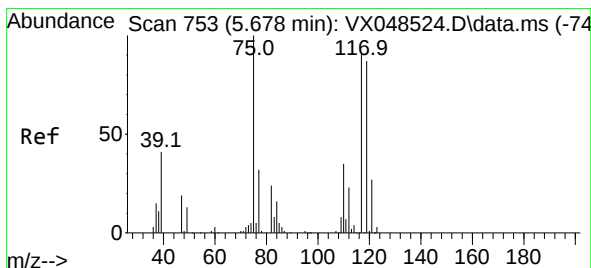
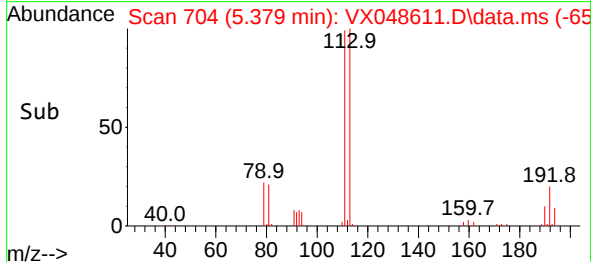
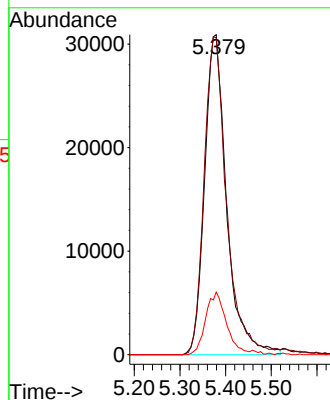
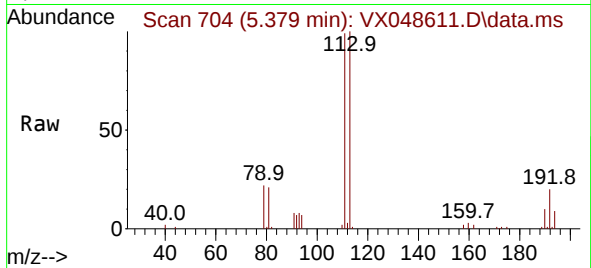




#35  
Dibromofluoromethane  
Concen: 47.630 ug/l  
RT: 5.379 min Scan# 703  
Delta R.T. 0.006 min  
Lab File: VX048611.D  
Acq: 14 Nov 2025 15:41

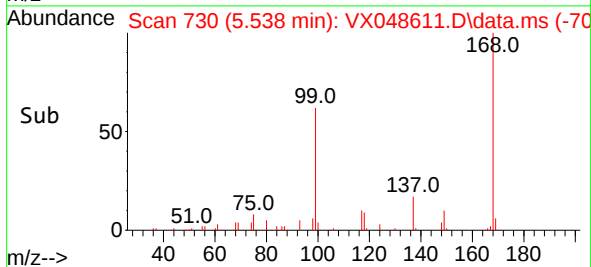
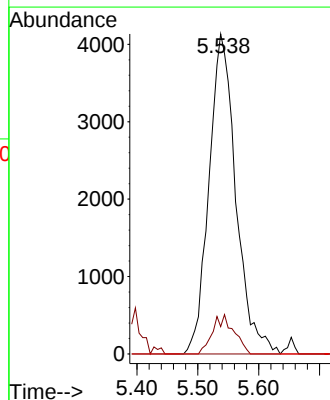
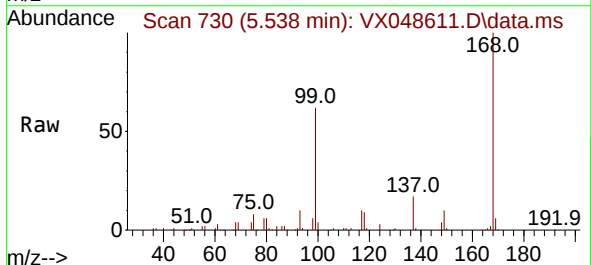
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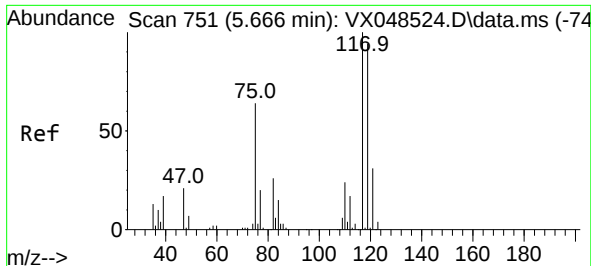
Tgt Ion:113 Resp: 103413  
Ion Ratio Lower Upper  
113 100  
111 101.0 81.9 122.9  
192 18.4 15.8 23.6



#36  
1,1-Dichloropropene  
Concen: 4.360 ug/l  
RT: 5.538 min Scan# 730  
Delta R.T. -0.140 min  
Lab File: VX048611.D  
Acq: 14 Nov 2025 15:41

Tgt Ion: 75 Resp: 12675  
Ion Ratio Lower Upper  
75 100  
110 9.7 18.4 55.4#  
77 0.0 24.6 37.0#

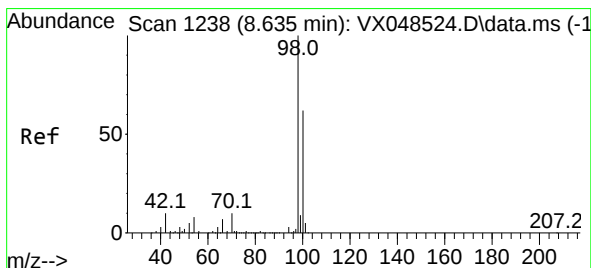
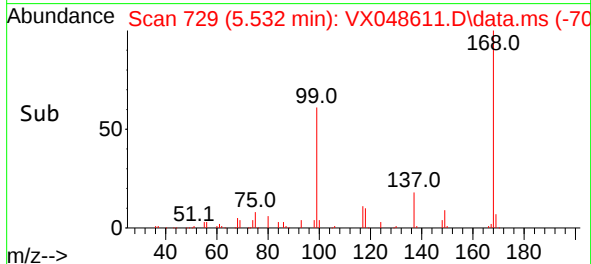
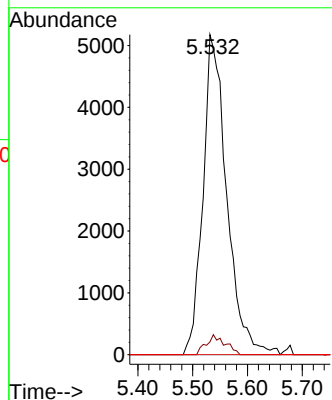
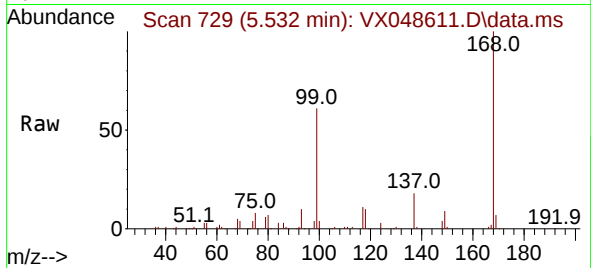




#38  
Carbon Tetrachloride  
Concen: 4.709 ug/l  
RT: 5.532 min Scan# 71  
Delta R.T. -0.134 min  
Lab File: VX048611.D  
Acq: 14 Nov 2025 15:41

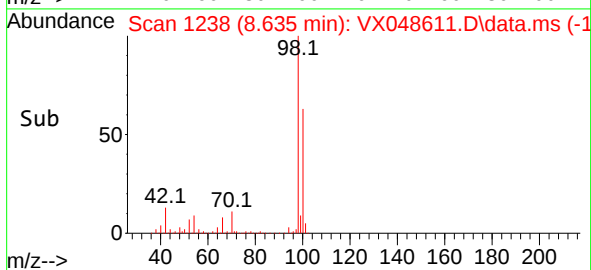
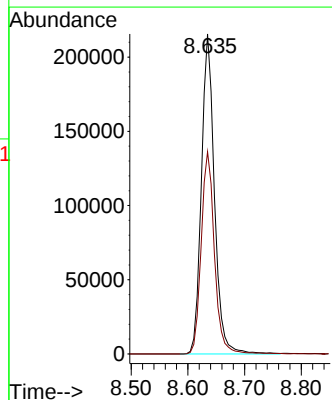
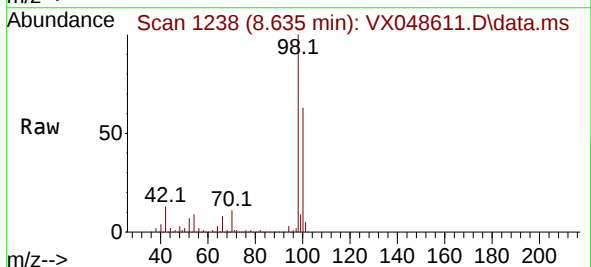
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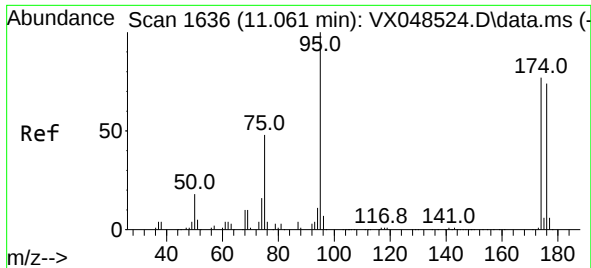
Tgt Ion:117 Resp: 15586  
Ion Ratio Lower Upper  
117 100  
119 4.0 74.5 111.7#  
121 0.0 24.8 37.2#



#50  
Toluene-d8  
Concen: 50.979 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: VX048611.D  
Acq: 14 Nov 2025 15:41

Tgt Ion: 98 Resp: 345208  
Ion Ratio Lower Upper  
98 100  
100 64.2 53.6 80.4

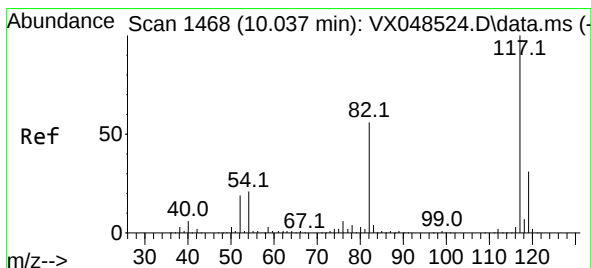
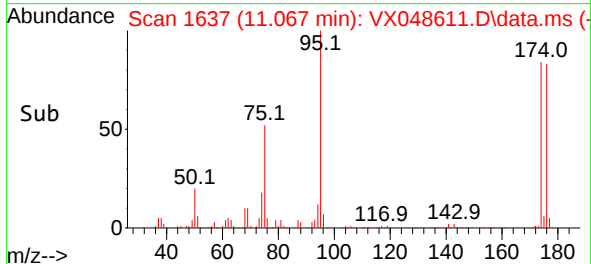
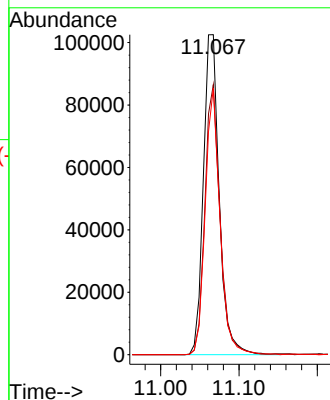
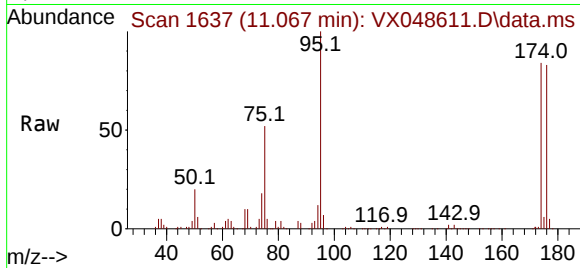




#62  
4-Bromofluorobenzene  
Concen: 57.157 ug/l  
RT: 11.067 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VX048611.D  
Acq: 14 Nov 2025 15:41

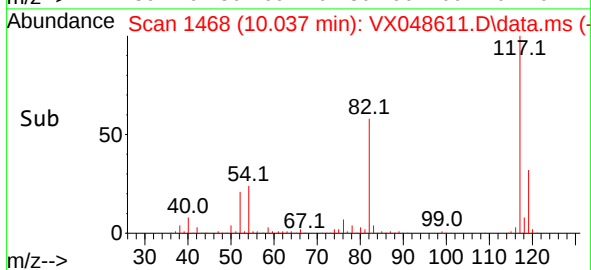
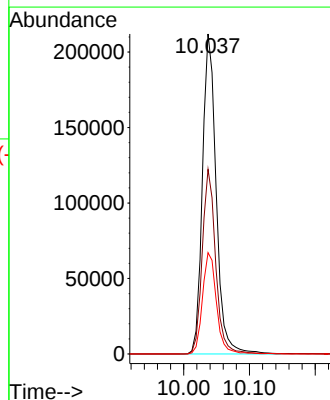
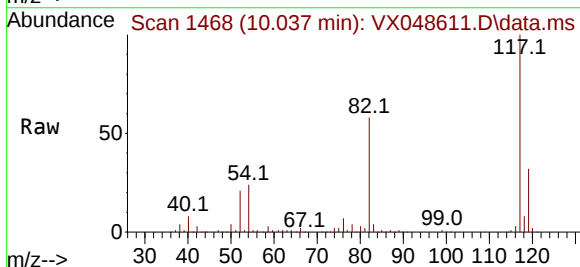
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAGEMENT

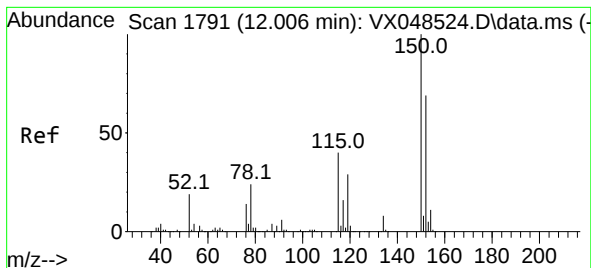
Tgt Ion: 95 Resp: 144236  
Ion Ratio Lower Upper  
95 100  
174 80.8 0.0 161.8  
176 77.8 0.0 153.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048611.D  
Acq: 14 Nov 2025 15:41

Tgt Ion: 117 Resp: 308578  
Ion Ratio Lower Upper  
117 100  
82 57.7 44.4 66.6  
119 31.7 25.1 37.7

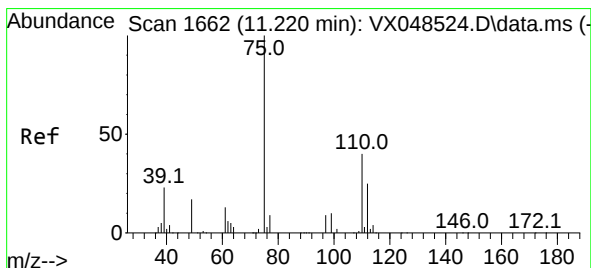
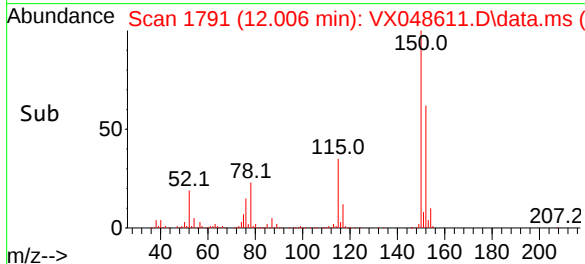
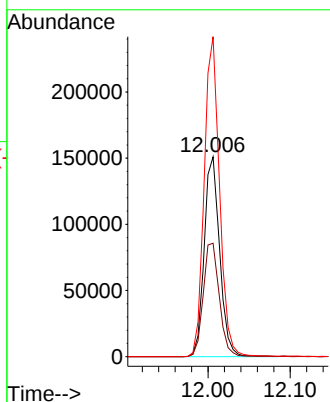
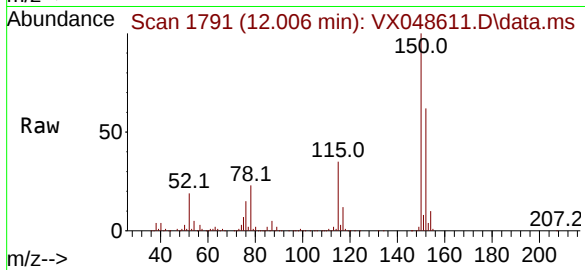




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.006 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX048611.D  
 Acq: 14 Nov 2025 15:41

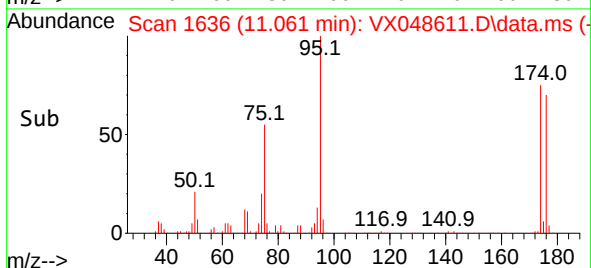
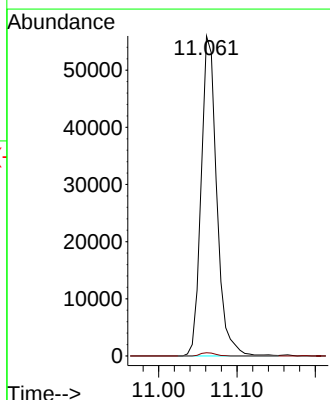
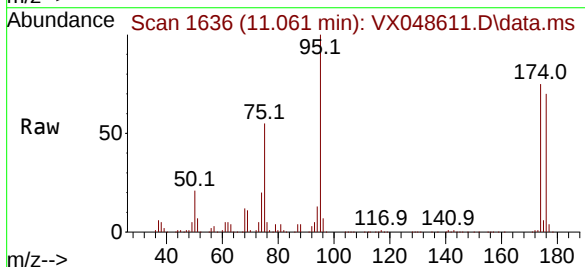
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANAGEMENT

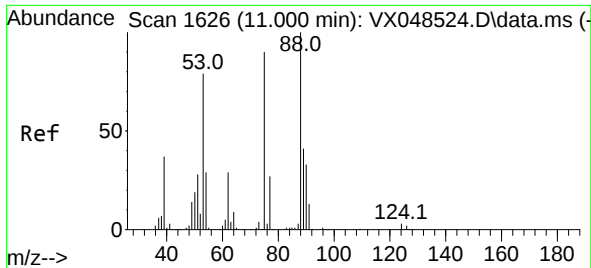
Tgt Ion:152 Resp: 197471  
 Ion Ratio Lower Upper  
 152 100  
 115 59.2 39.2 117.6  
 150 159.0 0.0 347.0



#76  
 1,2,3-Trichloropropane  
 Concen: 16.334 ug/l  
 RT: 11.061 min Scan# 1636  
 Delta R.T. -0.159 min  
 Lab File: VX048611.D  
 Acq: 14 Nov 2025 15:41

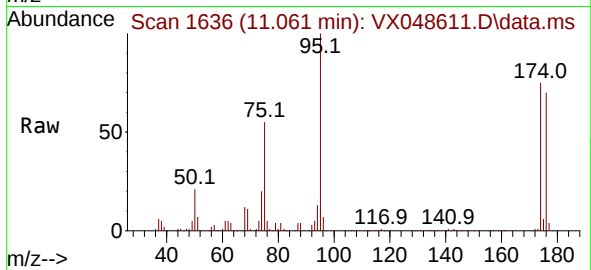
Tgt Ion: 75 Resp: 77705  
 Ion Ratio Lower Upper  
 75 100  
 77 1.0 24.3 72.8#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 46.719 ug/l  
 RT: 11.061 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX048611.D  
 Acq: 14 Nov 2025 15:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANAGEMENT



Tgt Ion: 75 Resp: 77705  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 72.4 108.6#  
 89 0.0 43.6 65.4#

