

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102825\  
 Data File : VX048384.D  
 Acq On : 28 Oct 2025 09:27  
 Operator : JC/MD  
 Sample : VX1028WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1028WBL01

Quant Time: Oct 29 01:13:35 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102025W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 20 14:13:59 2025  
 Response via : Initial Calibration

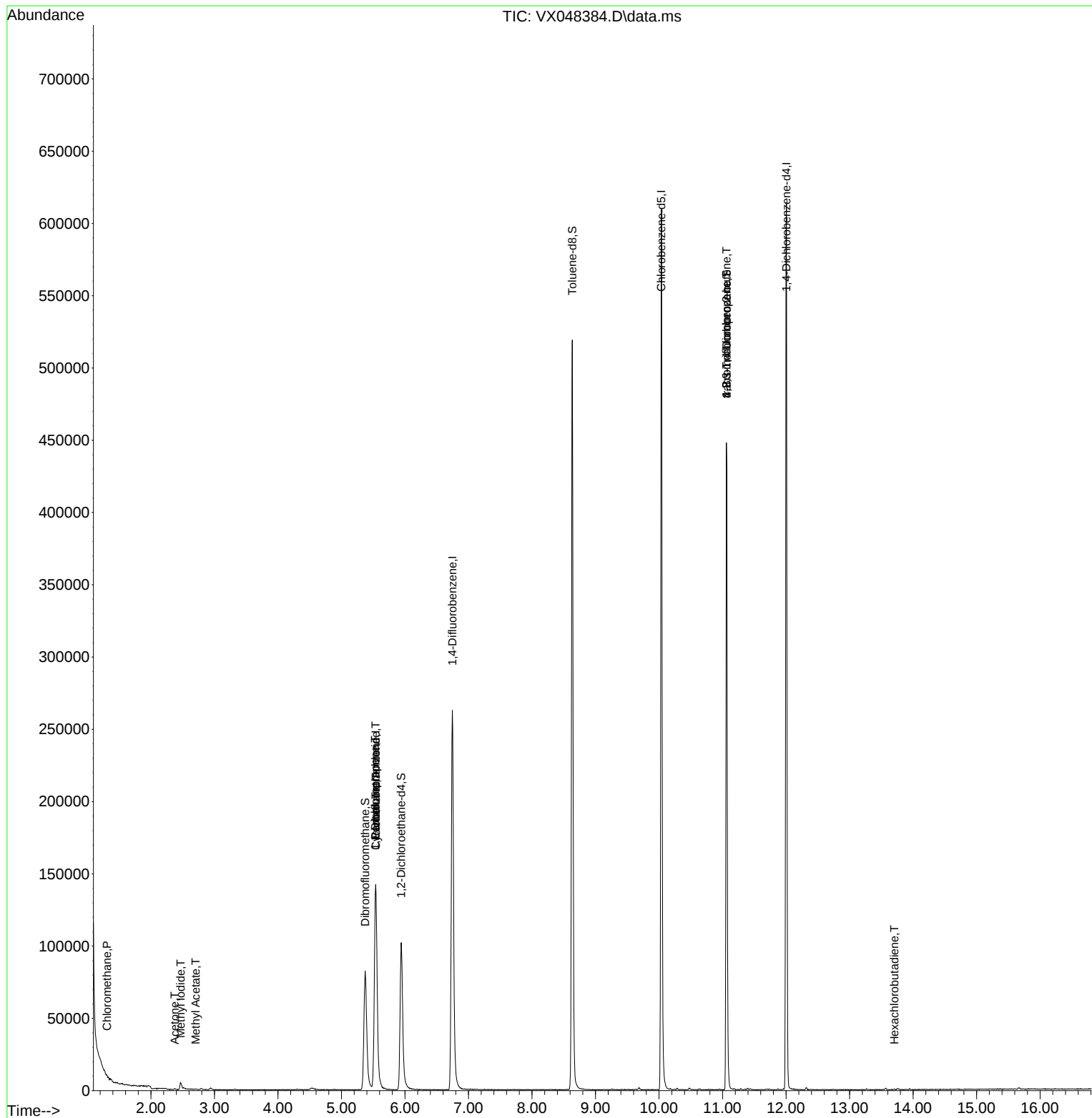
| Compound                      | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|--------|----------|
| -----                         |           |       |          |          |        |          |
| Internal Standards            |           |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.537     | 168   | 143516   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.745     | 114   | 286237   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.037    | 117   | 281396   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.006    | 152   | 129160   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.940     | 65    | 113622   | 56.467   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 78 - 117 | Recovery | =      | 112.940% |
| 35) Dibromofluoromethane      | 5.373     | 113   | 79707    | 40.789   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery | =      | 81.580%  |
| 50) Toluene-d8                | 8.634     | 98    | 324329   | 47.351   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 92 - 112 | Recovery | =      | 94.700%  |
| 62) 4-Bromofluorobenzene      | 11.061    | 95    | 128432   | 49.289   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 83 - 123 | Recovery | =      | 98.580%  |
| Target Compounds              |           |       |          |          |        |          |
|                               |           |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.307     | 50    | 372      | 0.270    | ug/l # | 42       |
| 10) Methyl Iodide             | 2.465     | 142   | 6668     | 3.425    | ug/l   | 92       |
| 16) Acetone                   | 2.373     | 43    | 822      | 1.191    | ug/l # | 72       |
| 18) Methyl Acetate            | 2.703     | 43    | 557      | 0.386    | ug/l # | 54       |
| 31) Cyclohexane               | 5.544     | 56    | 3630     | 1.453    | ug/l # | 8        |
| 36) 1,1-Dichloropropene       | 5.531     | 75    | 12051    | 4.339    | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.537     | 117   | 14889    | 4.345    | ug/l # | 15       |
| 76) 1,2,3-Trichloropropane    | 11.061    | 75    | 67851    | 32.394   | ug/l # | 33       |
| 81) trans-1,4-Dichloro-2-b... | 11.061    | 75    | 67851    | 78.813   | ug/l # | 10       |
| 94) Hexachlorobutadiene       | 13.707    | 225   | 173      | 0.229    | ug/l # | 56       |
| -----                         |           |       |          |          |        |          |

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

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Sample : VX1028WBL01  
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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1028WBL01

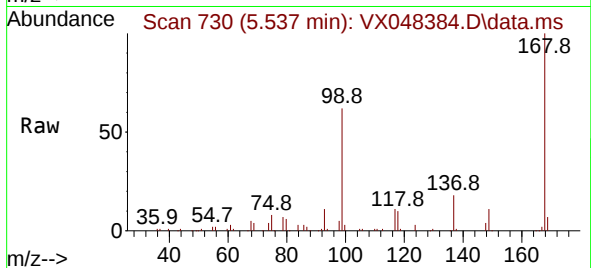
Quant Time: Oct 29 01:13:35 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102025W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 20 14:13:59 2025  
Response via : Initial Calibration



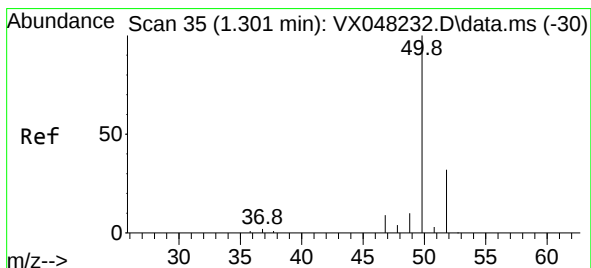
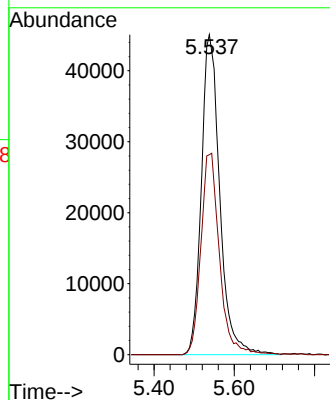
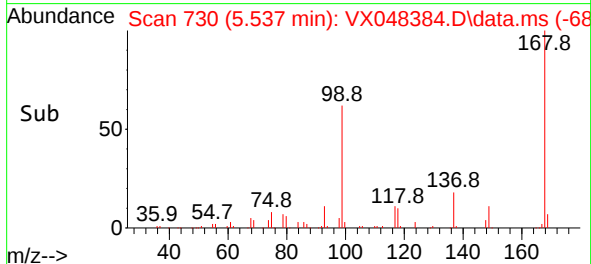


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.537 min Scan# 71  
Delta R.T. -0.007 min  
Lab File: VX048384.D  
Acq: 28 Oct 2025 09:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1028WBL01

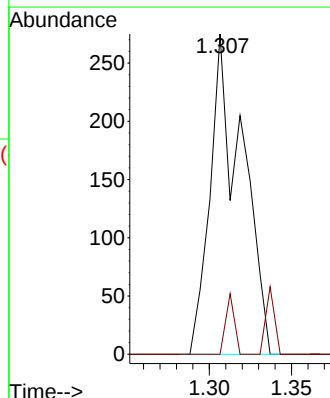
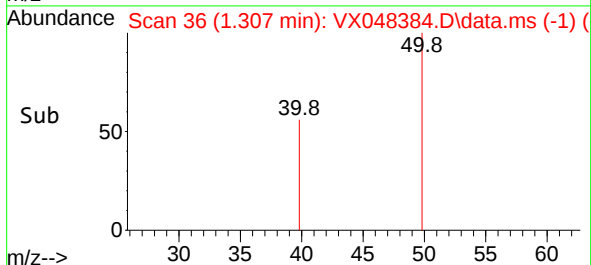
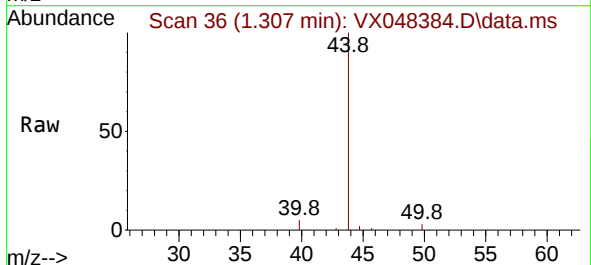


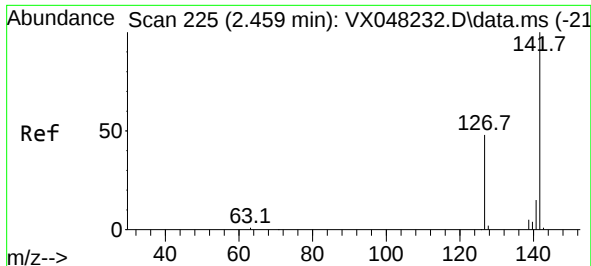
Tgt Ion:168 Resp: 143516  
Ion Ratio Lower Upper  
168 100  
99 62.5 46.4 69.6



#3  
Chloromethane  
Concen: 0.270 ug/l  
RT: 1.307 min Scan# 36  
Delta R.T. 0.006 min  
Lab File: VX048384.D  
Acq: 28 Oct 2025 09:27

Tgt Ion: 50 Resp: 372  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.9 38.9#

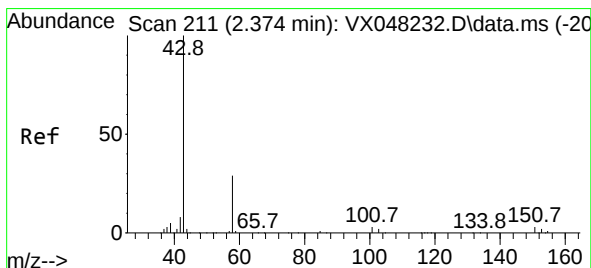
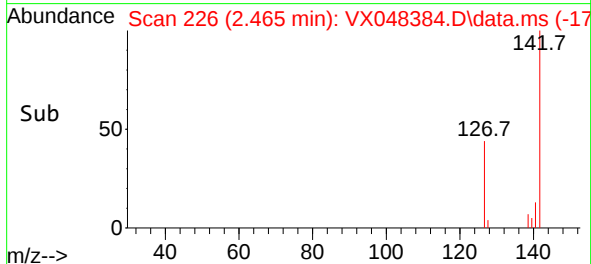
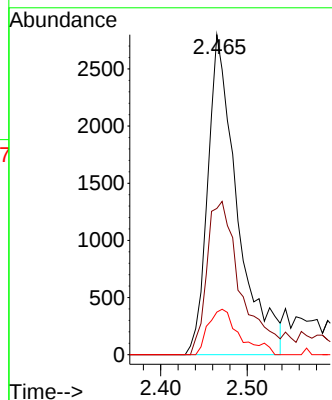
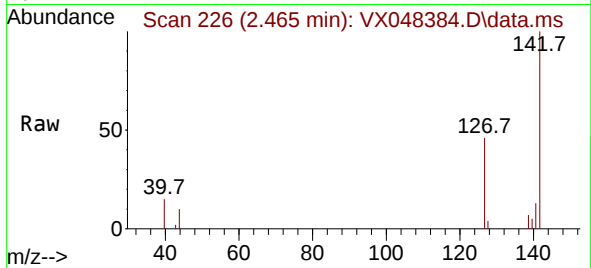




#10  
Methyl Iodide  
Concen: 3.425 ug/l  
RT: 2.465 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VX048384.D  
Acq: 28 Oct 2025 09:27

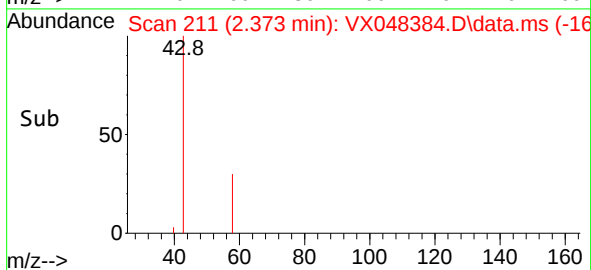
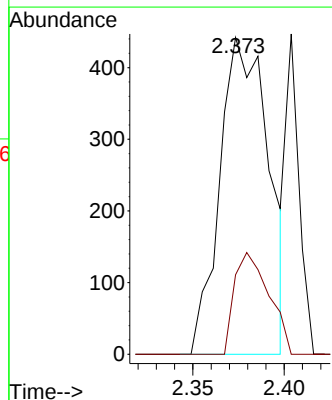
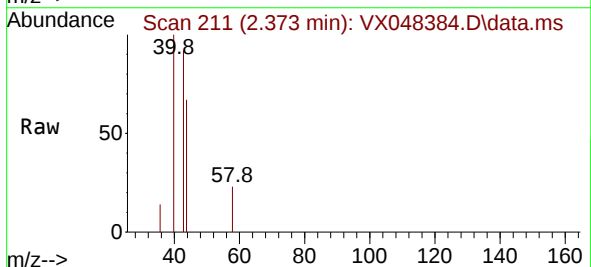
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1028WBL01

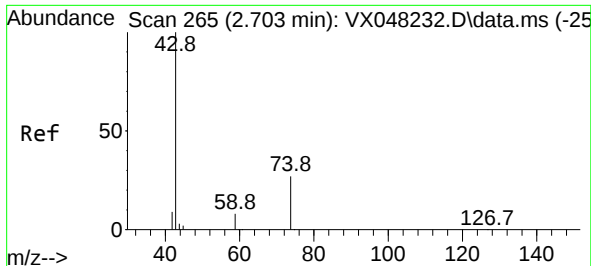
Tgt Ion:142 Resp: 6668  
Ion Ratio Lower Upper  
142 100  
127 54.7 38.5 57.7  
141 15.0 11.6 17.4



#16  
Acetone  
Concen: 1.191 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX048384.D  
Acq: 28 Oct 2025 09:27

Tgt Ion: 43 Resp: 822  
Ion Ratio Lower Upper  
43 100  
58 14.5 23.4 35.2#

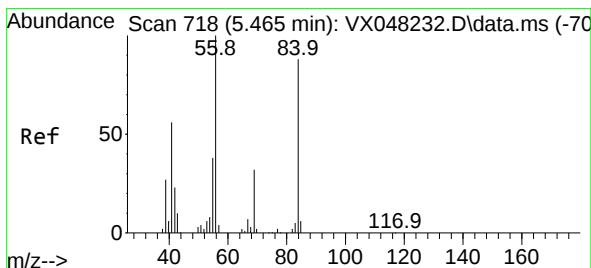
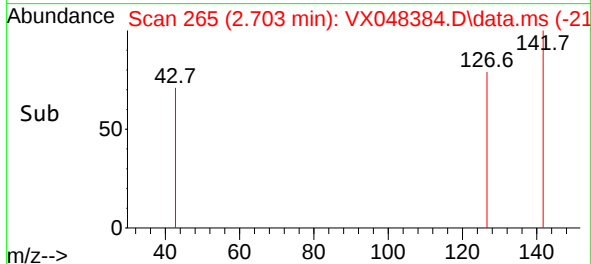
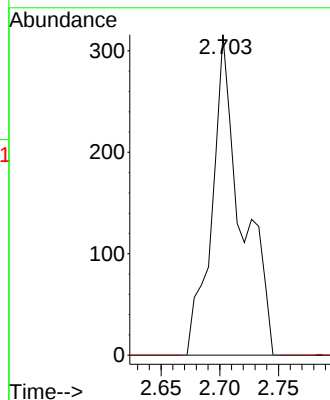
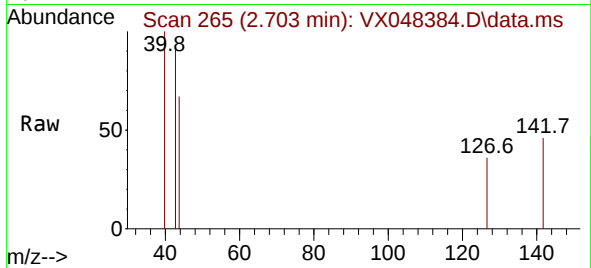




#18  
Methyl Acetate  
Concen: 0.386 ug/l  
RT: 2.703 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VX048384.D  
Acq: 28 Oct 2025 09:27

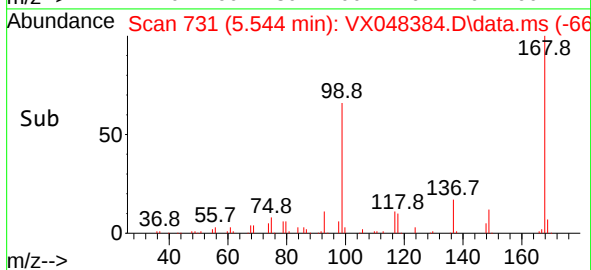
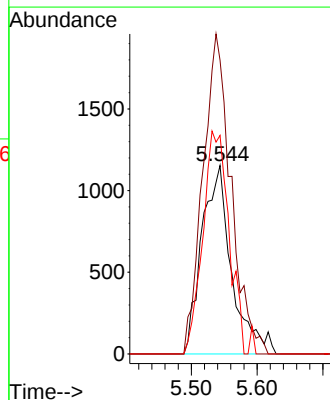
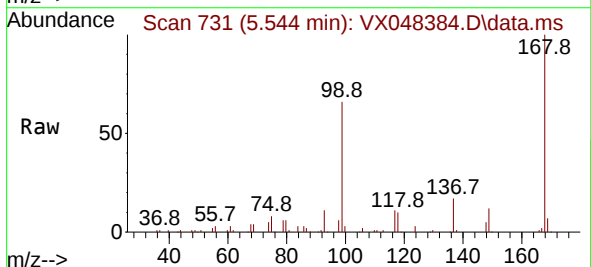
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1028WBL01

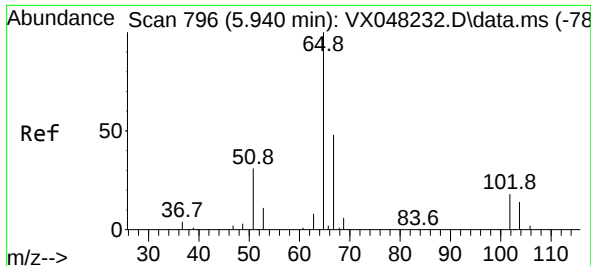
Tgt Ion: 43 Resp: 557  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.5 26.3#



#31  
Cyclohexane  
Concen: 1.453 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. 0.085 min  
Lab File: VX048384.D  
Acq: 28 Oct 2025 09:27

Tgt Ion: 56 Resp: 3630  
Ion Ratio Lower Upper  
56 100  
69 155.8 23.0 34.6#  
84 115.9 64.6 97.0#

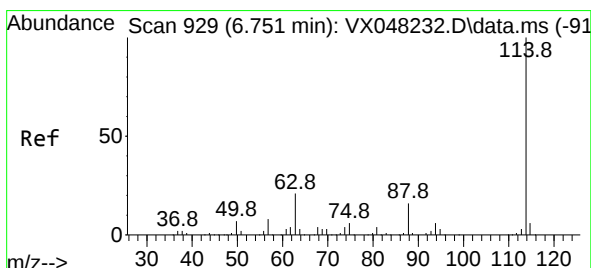
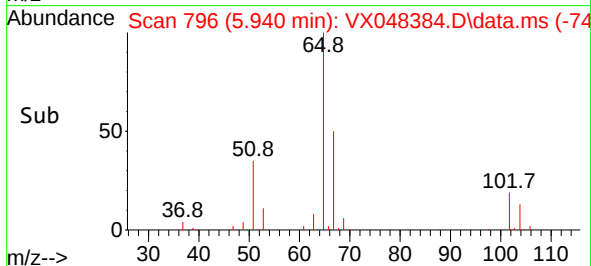
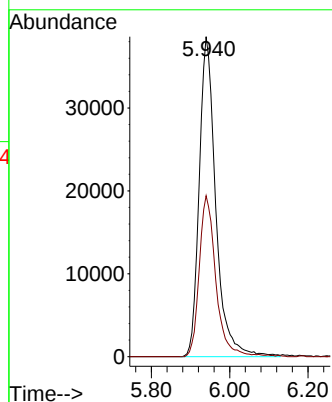
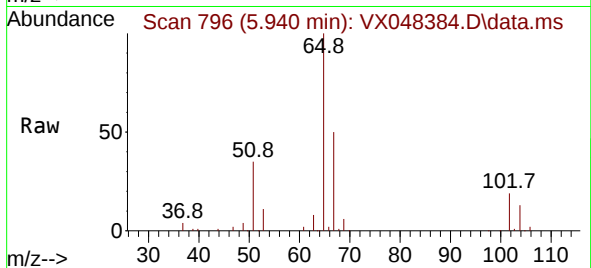




#33  
 1,2-Dichloroethane-d4  
 Concen: 56.467 ug/l  
 RT: 5.940 min Scan# 796  
 Delta R.T. -0.000 min  
 Lab File: VX048384.D  
 Acq: 28 Oct 2025 09:27

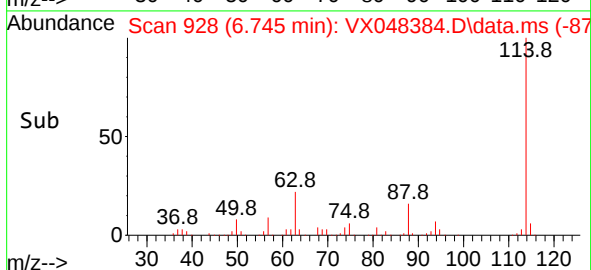
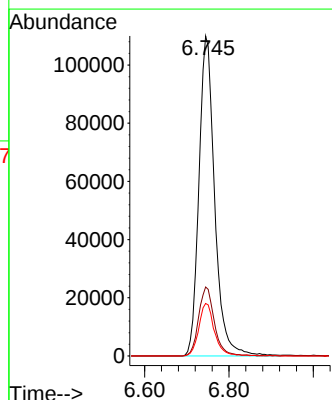
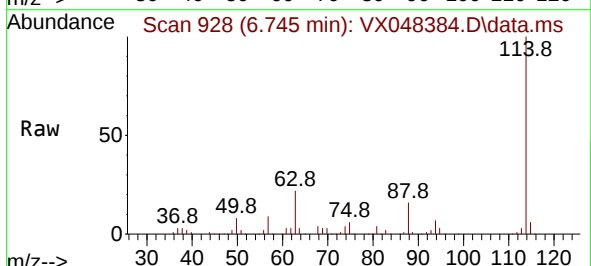
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1028WBL01

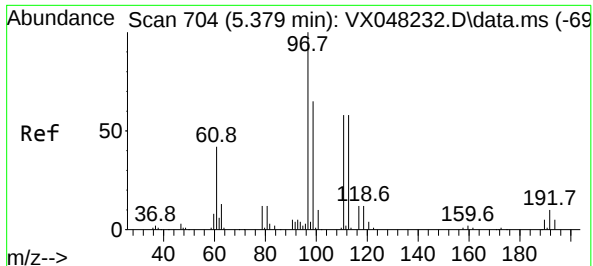
Tgt Ion: 65 Resp: 113622  
 Ion Ratio Lower Upper  
 65 100  
 67 50.6 0.0 105.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.745 min Scan# 928  
 Delta R.T. -0.000 min  
 Lab File: VX048384.D  
 Acq: 28 Oct 2025 09:27

Tgt Ion: 114 Resp: 286237  
 Ion Ratio Lower Upper  
 114 100  
 63 24.4 0.0 43.2  
 88 16.4 0.0 33.6





#35

Dibromofluoromethane

Concen: 40.789 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX048384.D

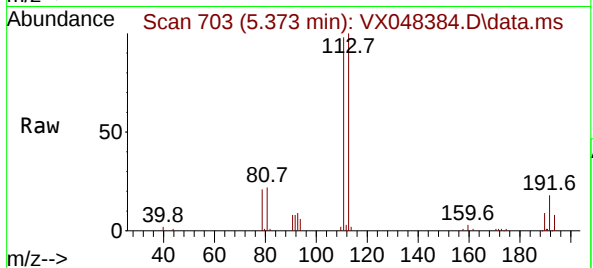
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Instrument :

MSVOA\_X

ClientSampleId :

VX1028WBL01



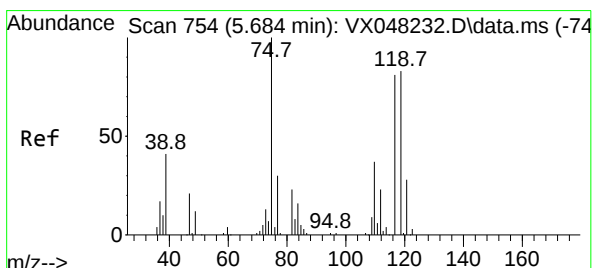
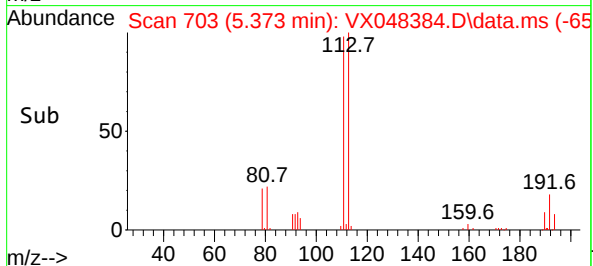
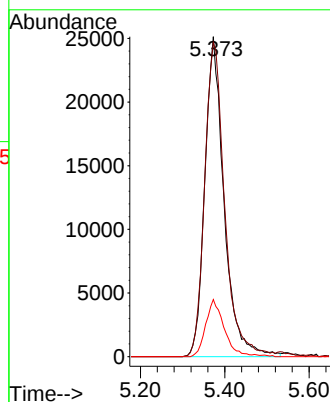
Tgt Ion:113 Resp: 79707

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 17.1 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.339 ug/l

RT: 5.531 min Scan# 729

Delta R.T. -0.153 min

Lab File: VX048384.D

Acq: 28 Oct 2025 09:27

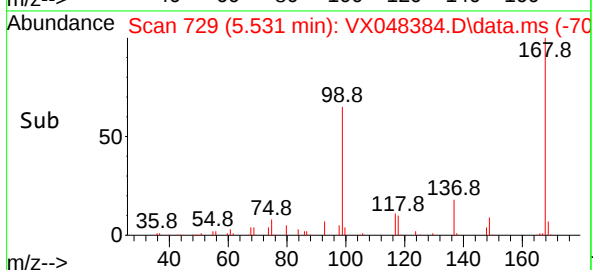
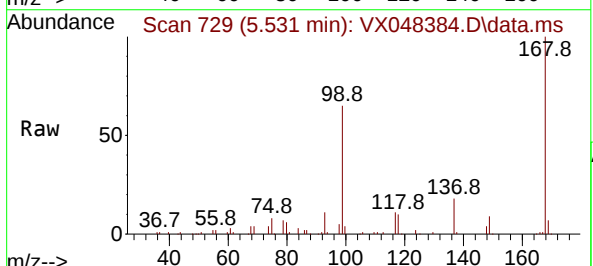
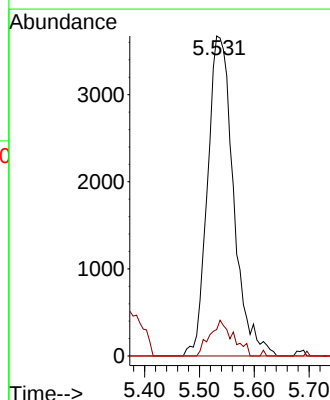
Tgt Ion: 75 Resp: 12051

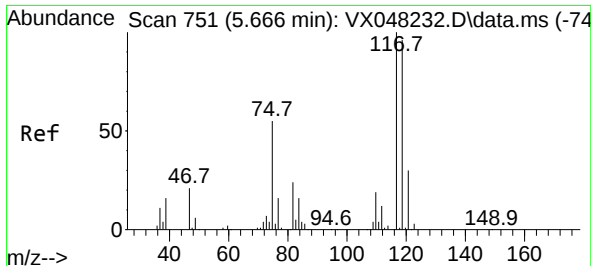
Ion Ratio Lower Upper

75 100

110 10.0 17.7 53.1#

77 0.0 24.3 36.5#

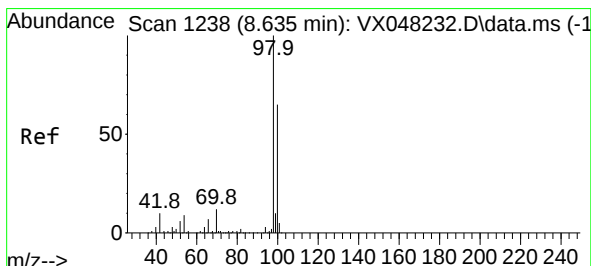
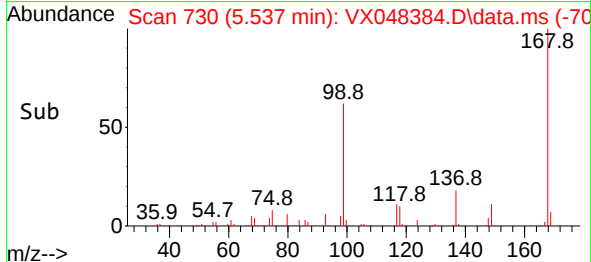
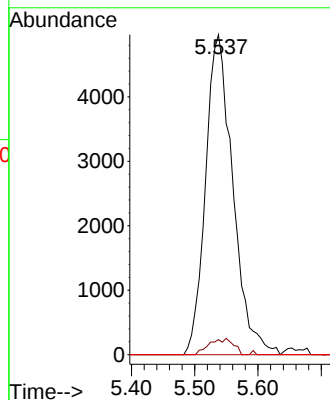
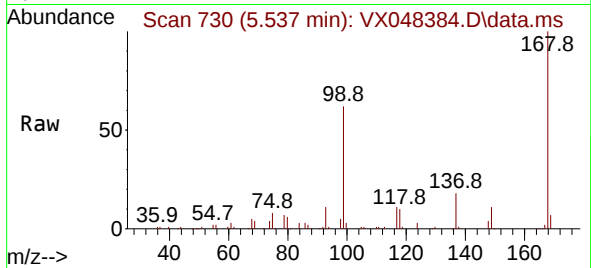




#38  
Carbon Tetrachloride  
Concen: 4.345 ug/l  
RT: 5.537 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX048384.D  
Acq: 28 Oct 2025 09:27

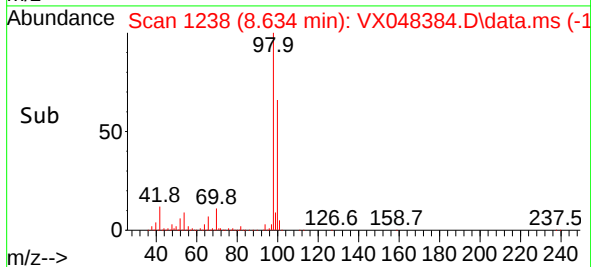
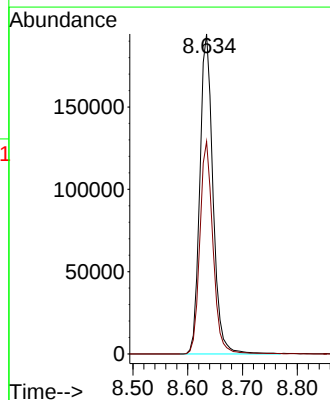
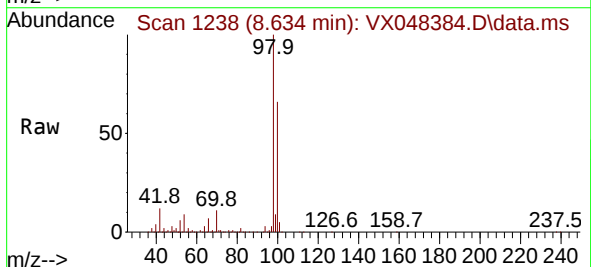
Instrument :  
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ClientSampleId :  
VX1028WBL01

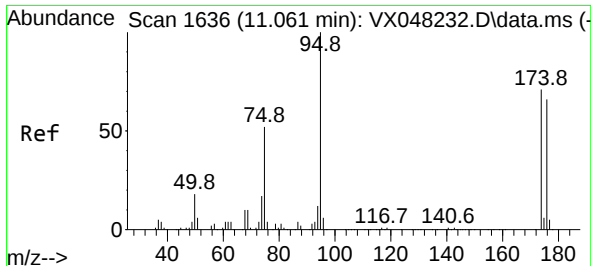
Tgt Ion:117 Resp: 14889  
Ion Ratio Lower Upper  
117 100  
119 4.7 77.2 115.8#  
121 0.0 24.8 37.2#



#50  
Toluene-d8  
Concen: 47.351 ug/l  
RT: 8.634 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: VX048384.D  
Acq: 28 Oct 2025 09:27

Tgt Ion: 98 Resp: 324329  
Ion Ratio Lower Upper  
98 100  
100 66.2 53.0 79.4

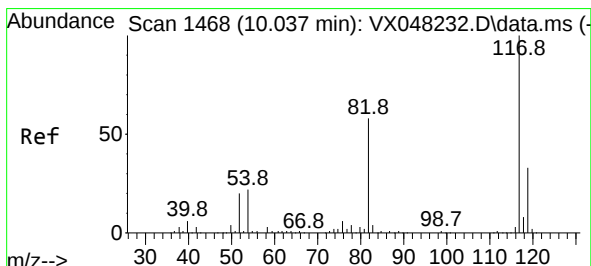
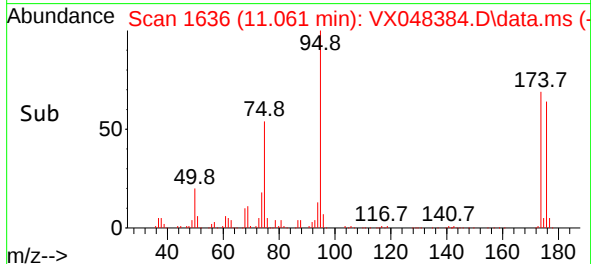
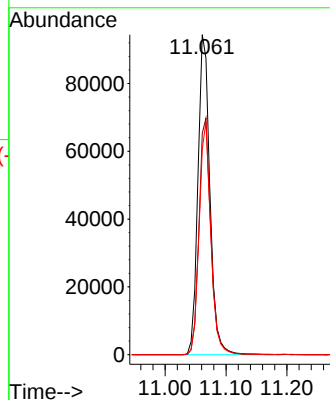
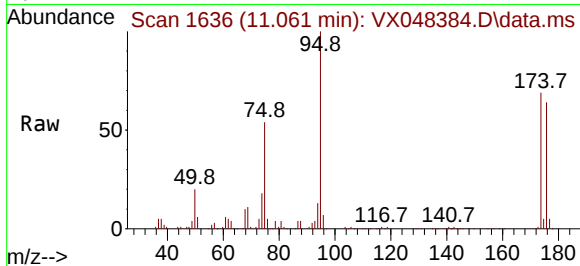




#62  
4-Bromofluorobenzene  
Concen: 49.289 ug/l  
RT: 11.061 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX048384.D  
Acq: 28 Oct 2025 09:27

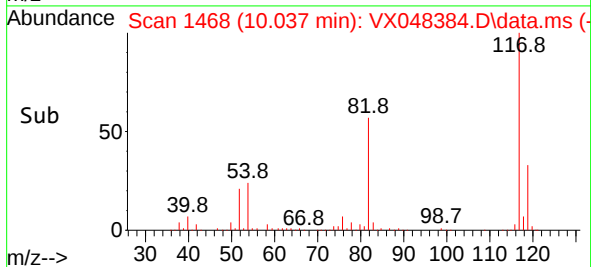
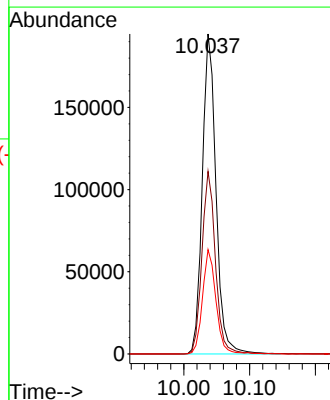
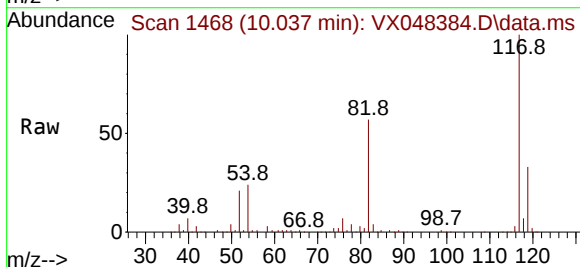
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1028WBL01

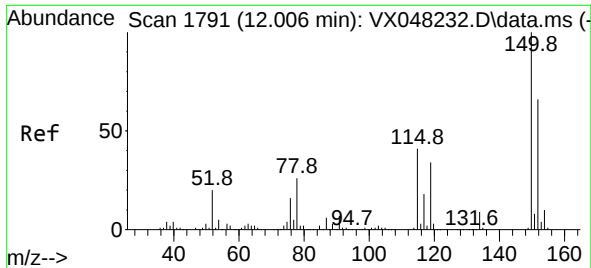
Tgt Ion: 95 Resp: 128432  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 147.8  
176 70.9 0.0 142.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048384.D  
Acq: 28 Oct 2025 09:27

Tgt Ion: 117 Resp: 281396  
Ion Ratio Lower Upper  
117 100  
82 57.0 46.5 69.7  
119 32.6 25.9 38.9

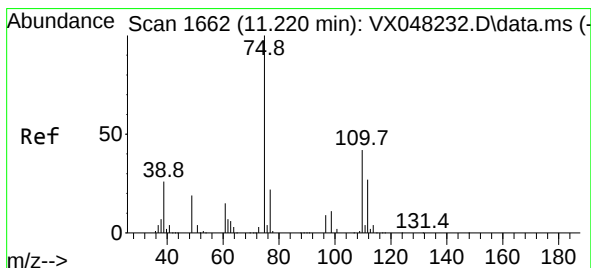
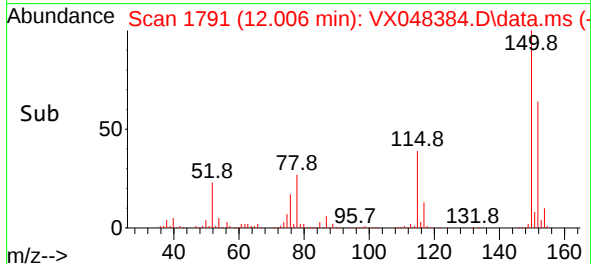
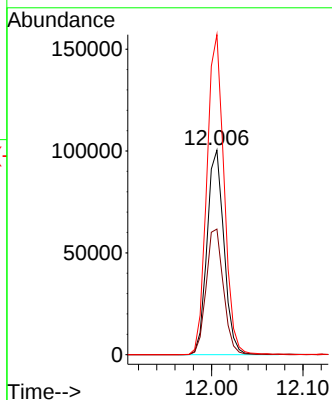
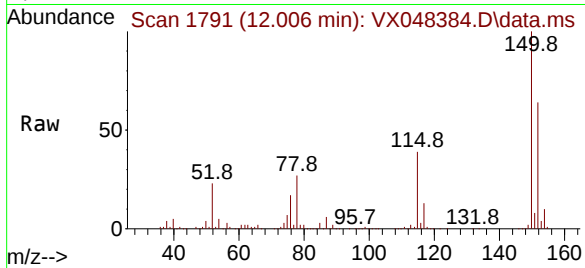




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.006 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX048384.D  
 Acq: 28 Oct 2025 09:27

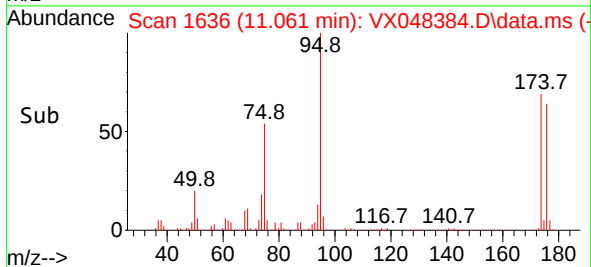
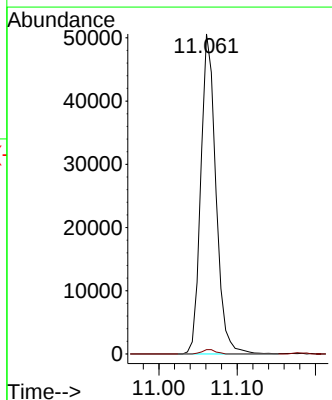
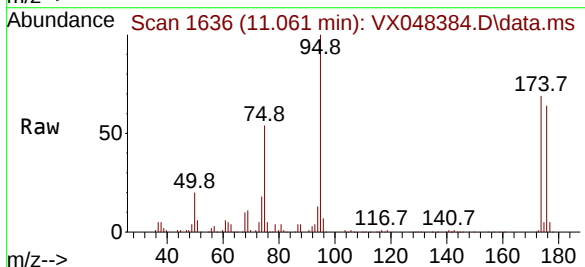
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1028WBL01

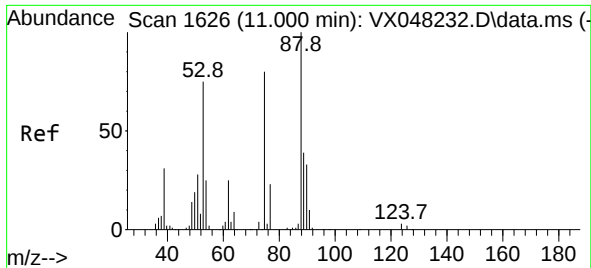
Tgt Ion:152 Resp: 129160  
 Ion Ratio Lower Upper  
 152 100  
 115 62.8 43.1 129.4  
 150 159.2 0.0 353.0



#76  
 1,2,3-Trichloropropane  
 Concen: 32.394 ug/l  
 RT: 11.061 min Scan# 1636  
 Delta R.T. -0.159 min  
 Lab File: VX048384.D  
 Acq: 28 Oct 2025 09:27

Tgt Ion: 75 Resp: 67851  
 Ion Ratio Lower Upper  
 75 100  
 77 1.3 22.4 67.2#

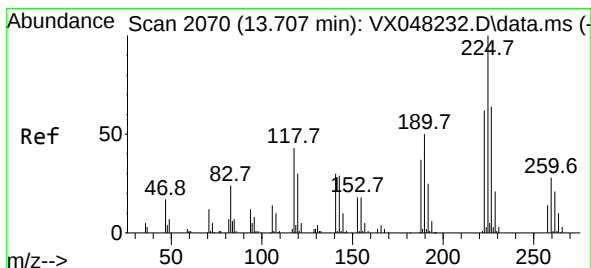
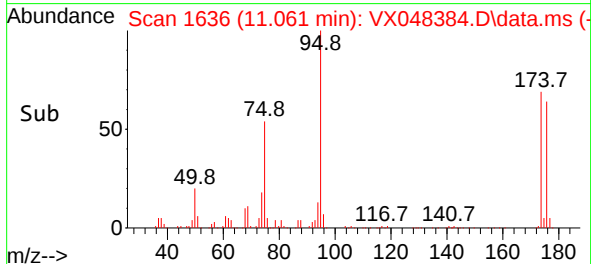
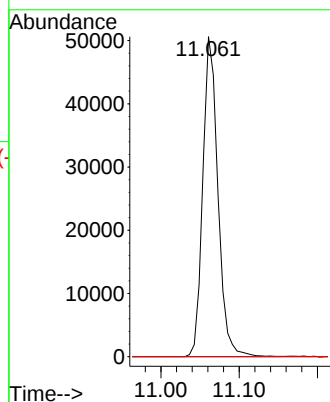
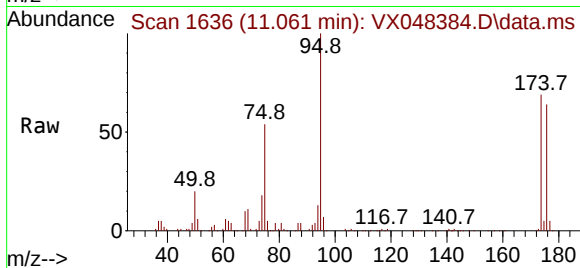




#81  
trans-1,4-Dichloro-2-butene  
Concen: 78.813 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. 0.061 min  
Lab File: VX048384.D  
Acq: 28 Oct 2025 09:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1028WBL01

Tgt Ion: 75 Resp: 67851  
Ion Ratio Lower Upper  
75 100  
53 0.0 79.5 119.3#  
89 0.0 36.8 55.2#



#94  
Hexachlorobutadiene  
Concen: 0.229 ug/l  
RT: 13.707 min Scan# 2070  
Delta R.T. 0.006 min  
Lab File: VX048384.D  
Acq: 28 Oct 2025 09:27

Tgt Ion: 225 Resp: 173  
Ion Ratio Lower Upper  
225 100  
223 61.3 32.6 97.7  
227 0.0 32.5 97.4#

