

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX103125\  
 Data File : VX048428.D  
 Acq On : 31 Oct 2025 13:46  
 Operator : JC/MD  
 Sample : Q3495-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TW-1025-1

Quant Time: Oct 31 23:05:12 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102925W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 30 02:37:17 2025  
 Response via : Initial Calibration

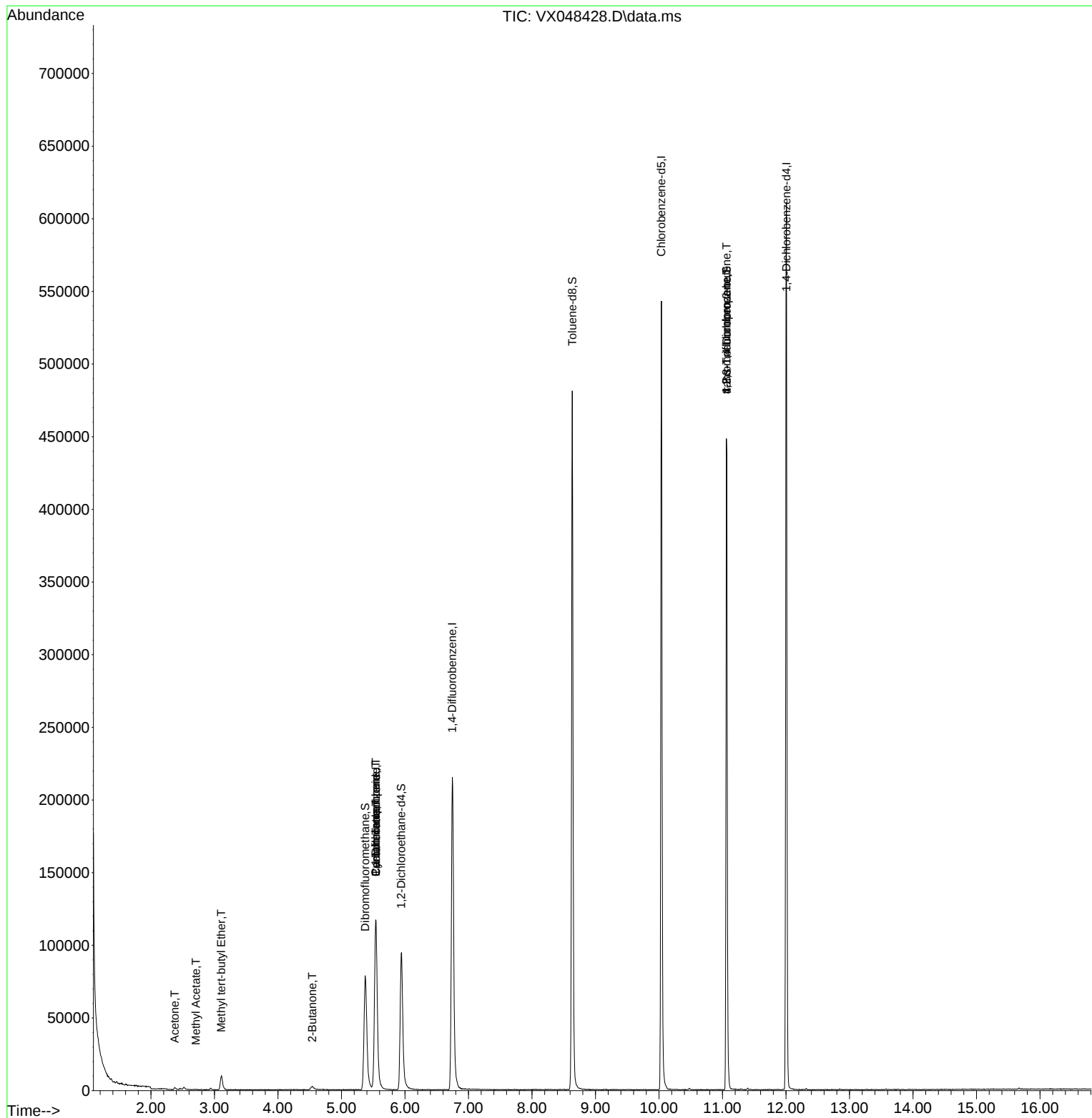
| Compound                      | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                         |           |       |          |          |             |          |
| Internal Standards            |           |       |          |          |             |          |
| 1) Pentafluorobenzene         | 5.544     | 168   | 121387   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.745     | 114   | 239256   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5          | 10.037    | 117   | 246924   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.006    | 152   | 124979   | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds   |           |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4     | 5.940     | 65    | 105451   | 60.405   | ug/l        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 78 - 117 | Recovery | = 120.820%# |          |
| 35) Dibromofluoromethane      | 5.373     | 113   | 78112    | 57.263   | ug/l        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery | = 114.520%  |          |
| 50) Toluene-d8                | 8.635     | 98    | 289433   | 48.067   | ug/l        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 92 - 112 | Recovery | = 96.140%   |          |
| 62) 4-Bromofluorobenzene      | 11.061    | 95    | 131178   | 58.237   | ug/l        | 0.00     |
| Spiked Amount                 | 50.000    | Range | 83 - 123 | Recovery | = 116.480%  |          |
| Target Compounds              |           |       |          |          |             |          |
|                               |           |       |          |          | Qvalue      |          |
| 16) Acetone                   | 2.374     | 43    | 1852     | 4.681    | ug/l        | 89       |
| 18) Methyl Acetate            | 2.709     | 43    | 283      | 0.214    | ug/l #      | 86       |
| 19) Methyl tert-butyl Ether   | 3.105     | 73    | 11901    | 2.630    | ug/l        | 94       |
| 25) 2-Butanone                | 4.538     | 43    | 155      | 0.245    | ug/l #      | 50       |
| 31) Cyclohexane               | 5.544     | 56    | 2349     | 0.974    | ug/l #      | 1        |
| 36) 1,1-Dichloropropene       | 5.538     | 75    | 9259     | 4.042    | ug/l #      | 49       |
| 38) Carbon Tetrachloride      | 5.544     | 117   | 12393    | 4.686    | ug/l #      | 20       |
| 76) 1,2,3-Trichloropropane    | 11.061    | 75    | 67533    | 37.573   | ug/l #      | 33       |
| 81) trans-1,4-Dichloro-2-b... | 11.061    | 75    | 67533    | 130.027  | ug/l #      | 10       |
| -----                         |           |       |          |          |             |          |

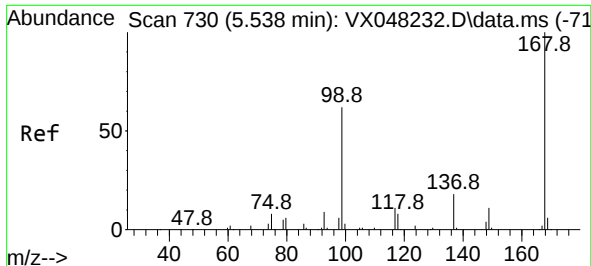
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX103125\  
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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Quant Time: Oct 31 23:05:12 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102925W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 30 02:37:17 2025  
Response via : Initial Calibration

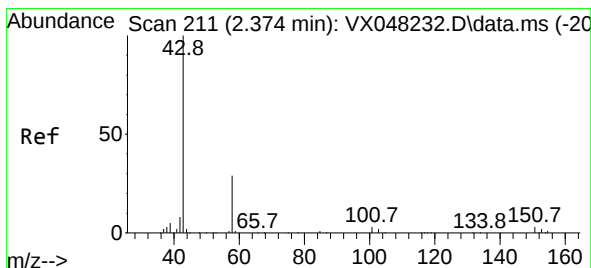
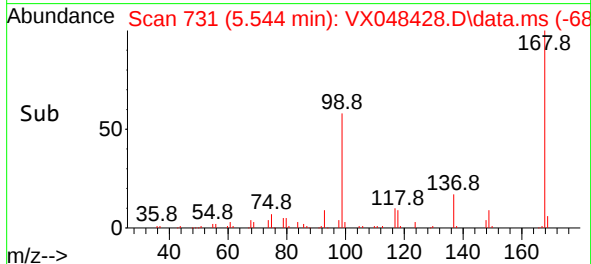
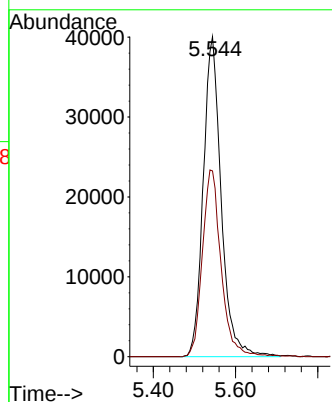
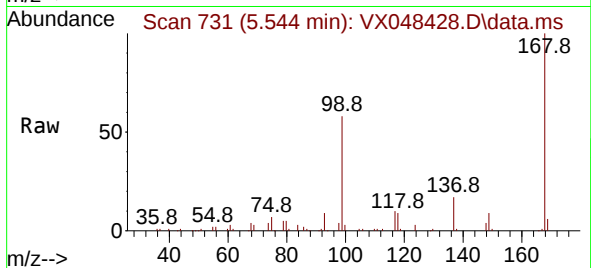




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. 0.007 min  
Lab File: VX048428.D  
Acq: 31 Oct 2025 13:46

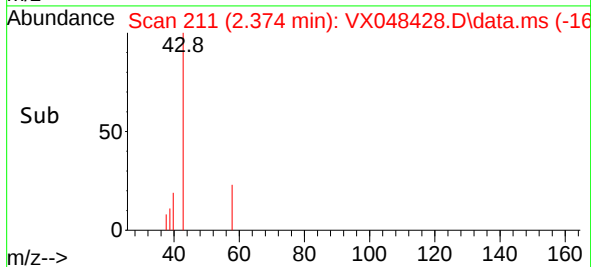
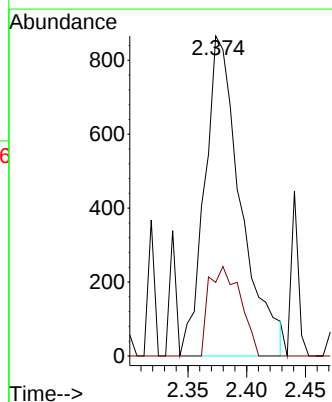
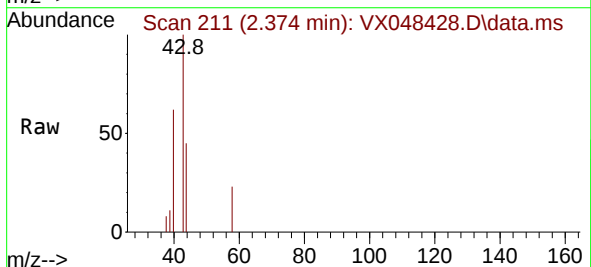
Instrument :  
MSVOA\_X  
ClientSampleId :  
TW-1025-1

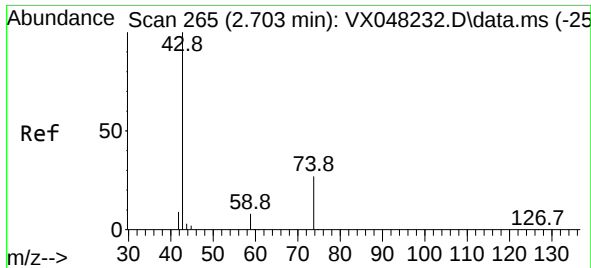
Tgt Ion:168 Resp: 121387  
Ion Ratio Lower Upper  
168 100  
99 58.0 46.4 69.6



#16  
Acetone  
Concen: 4.681 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX048428.D  
Acq: 31 Oct 2025 13:46

Tgt Ion: 43 Resp: 1852  
Ion Ratio Lower Upper  
43 100  
58 23.7 23.4 35.2

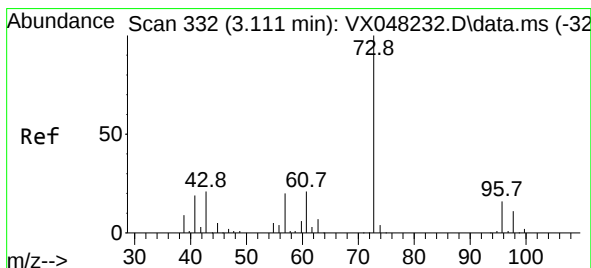
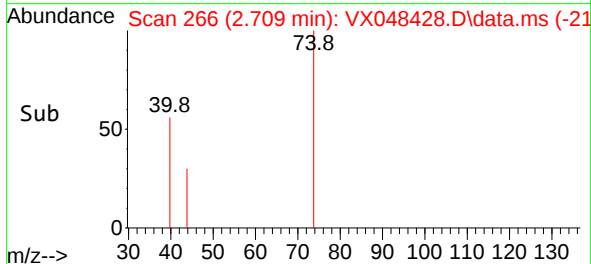
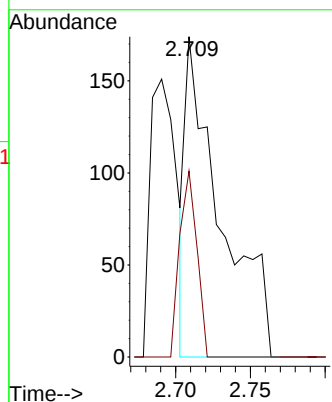
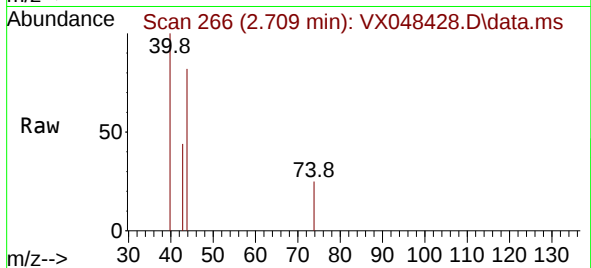




#18  
Methyl Acetate  
Concen: 0.214 ug/l  
RT: 2.709 min Scan# 20  
Delta R.T. 0.012 min  
Lab File: VX048428.D  
Acq: 31 Oct 2025 13:46

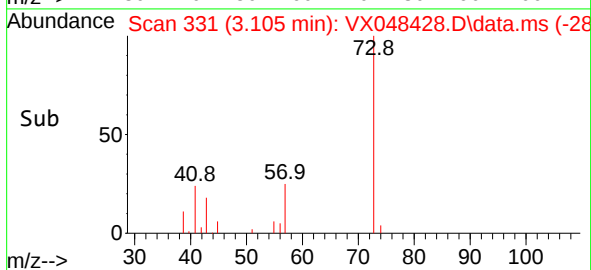
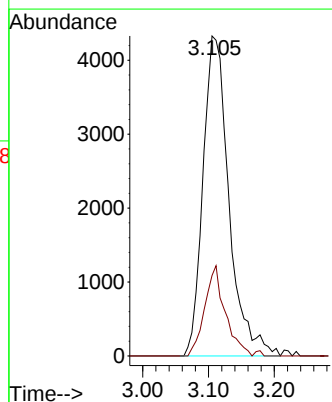
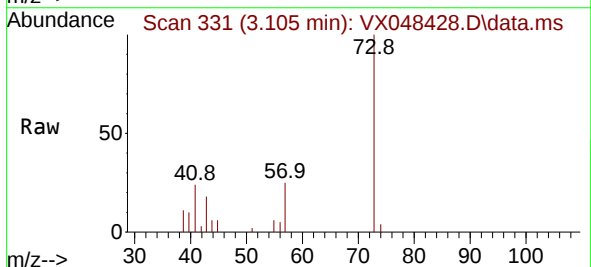
Instrument :  
MSVOA\_X  
ClientSampleId :  
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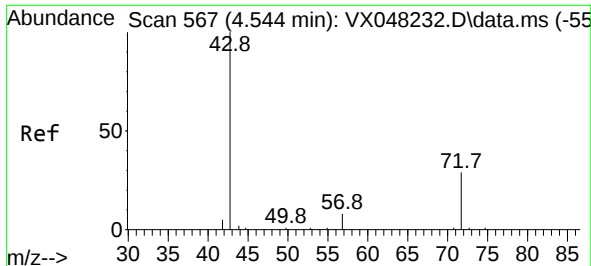
Tgt Ion: 43 Resp: 283  
Ion Ratio Lower Upper  
43 100  
74 28.6 17.5 26.3#



#19  
Methyl tert-butyl Ether  
Concen: 2.630 ug/l  
RT: 3.105 min Scan# 331  
Delta R.T. 0.000 min  
Lab File: VX048428.D  
Acq: 31 Oct 2025 13:46

Tgt Ion: 73 Resp: 11901  
Ion Ratio Lower Upper  
73 100  
57 25.1 17.7 26.5

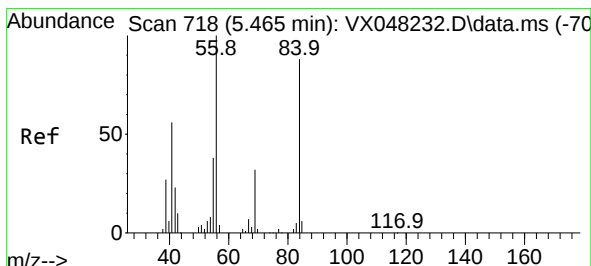
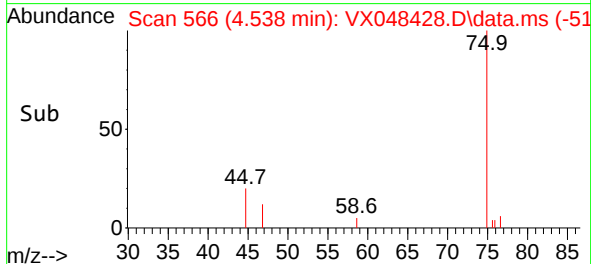
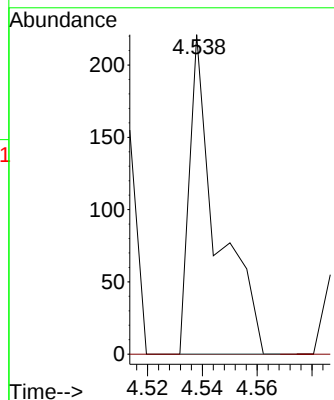
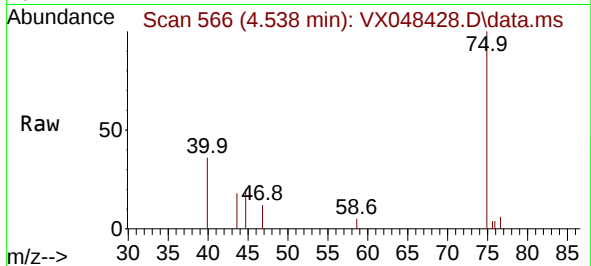




#25  
2-Butanone  
Concen: 0.245 ug/l  
RT: 4.538 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VX048428.D  
Acq: 31 Oct 2025 13:46

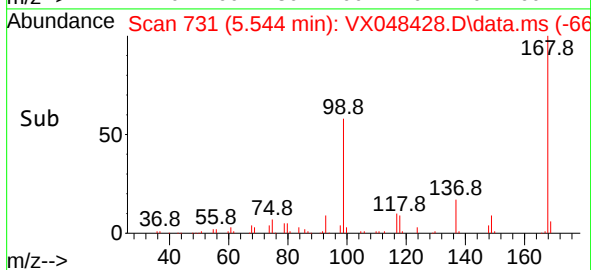
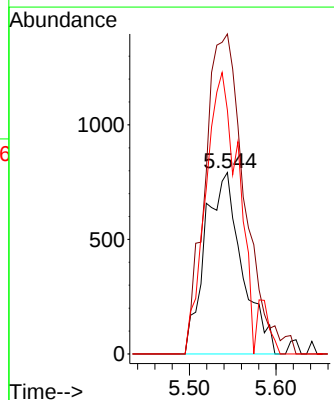
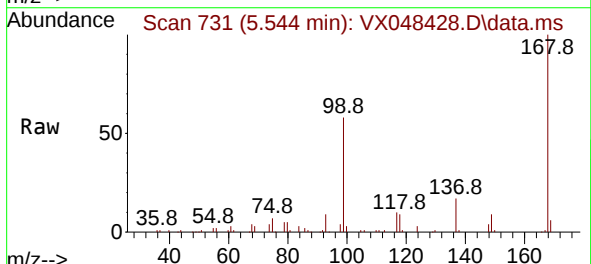
Instrument :  
MSVOA\_X  
ClientSampleId :  
TW-1025-1

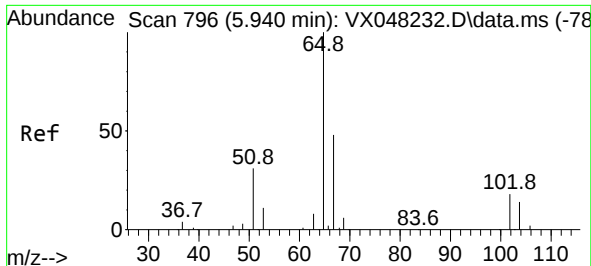
Tgt Ion: 43 Resp: 155  
Ion Ratio Lower Upper  
43 100  
72 0.0 19.9 29.9#



#31  
Cyclohexane  
Concen: 0.974 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. 0.079 min  
Lab File: VX048428.D  
Acq: 31 Oct 2025 13:46

Tgt Ion: 56 Resp: 2349  
Ion Ratio Lower Upper  
56 100  
69 176.4 23.0 34.6#  
84 134.3 64.6 97.0#

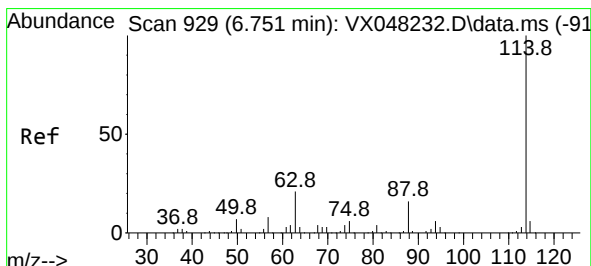
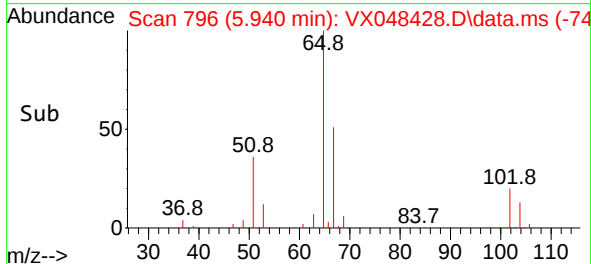
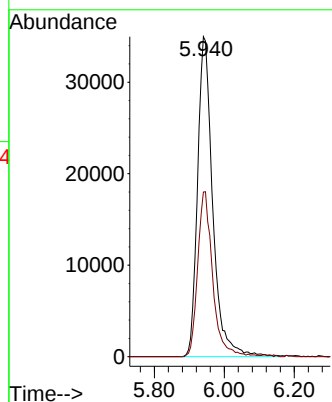
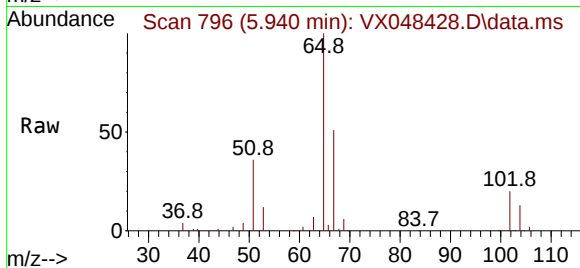




#33  
 1,2-Dichloroethane-d4  
 Concen: 60.405 ug/l  
 RT: 5.940 min Scan# 796  
 Delta R.T. 0.000 min  
 Lab File: VX048428.D  
 Acq: 31 Oct 2025 13:46

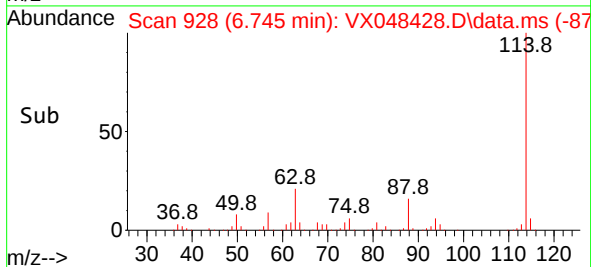
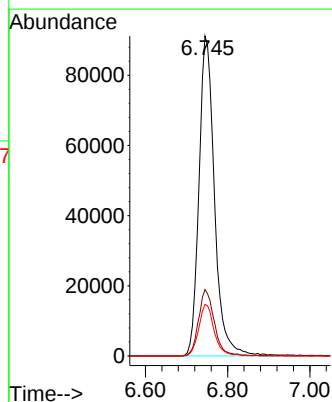
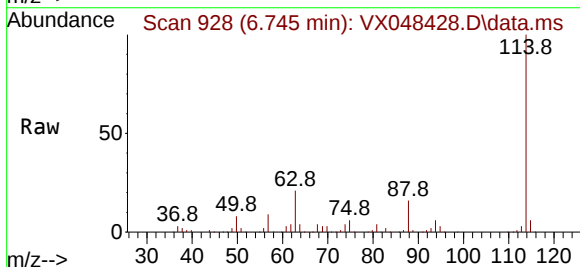
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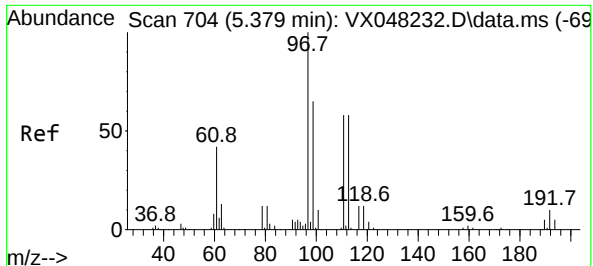
Tgt Ion: 65 Resp: 105451  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 105.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.745 min Scan# 928  
 Delta R.T. 0.000 min  
 Lab File: VX048428.D  
 Acq: 31 Oct 2025 13:46

Tgt Ion: 114 Resp: 239256  
 Ion Ratio Lower Upper  
 114 100  
 63 20.8 0.0 43.2  
 88 16.1 0.0 33.6

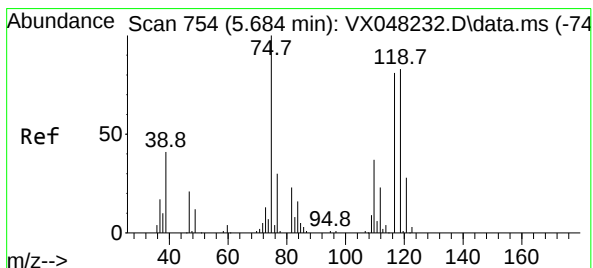
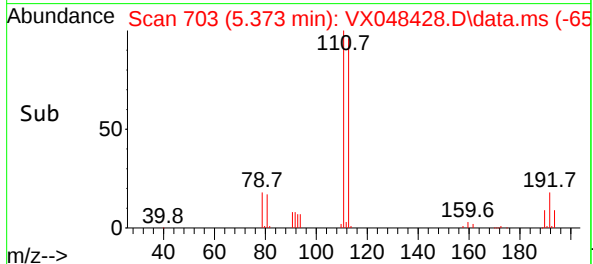
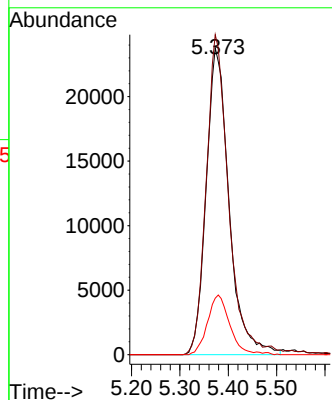
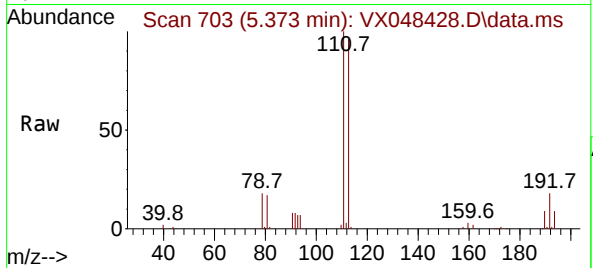




#35  
Dibromofluoromethane  
Concen: 57.263 ug/l  
RT: 5.373 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX048428.D  
Acq: 31 Oct 2025 13:46

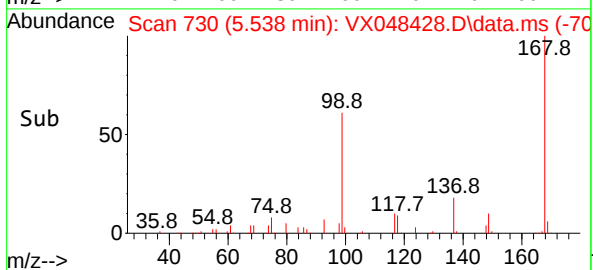
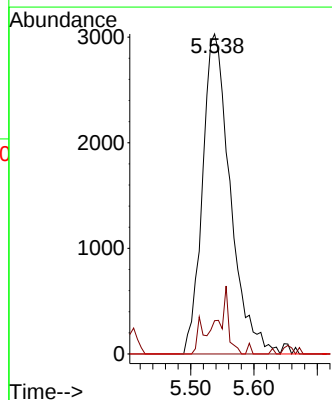
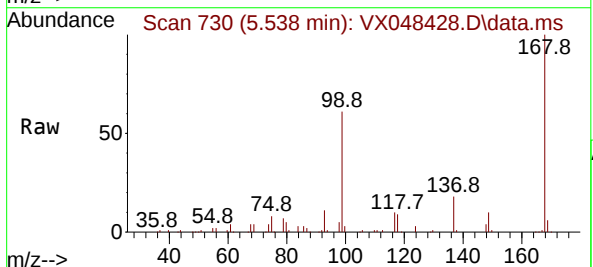
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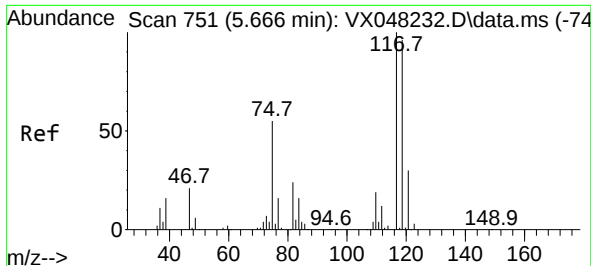
Tgt Ion:113 Resp: 78112  
Ion Ratio Lower Upper  
113 100  
111 100.7 82.2 123.4  
192 19.1 15.1 22.7



#36  
1,1-Dichloropropene  
Concen: 4.042 ug/l  
RT: 5.538 min Scan# 730  
Delta R.T. -0.146 min  
Lab File: VX048428.D  
Acq: 31 Oct 2025 13:46

Tgt Ion: 75 Resp: 9259  
Ion Ratio Lower Upper  
75 100  
110 7.9 17.7 53.1#  
77 0.0 24.3 36.5#

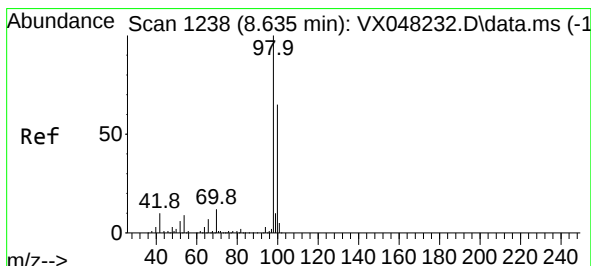
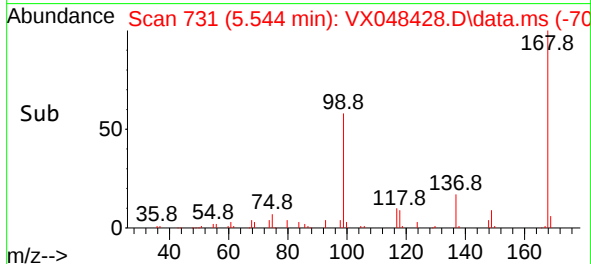
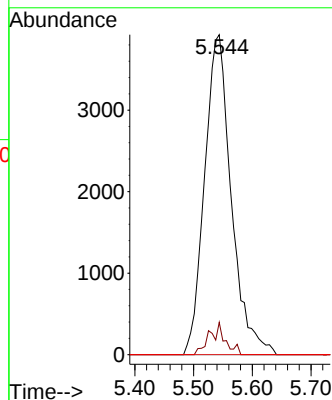
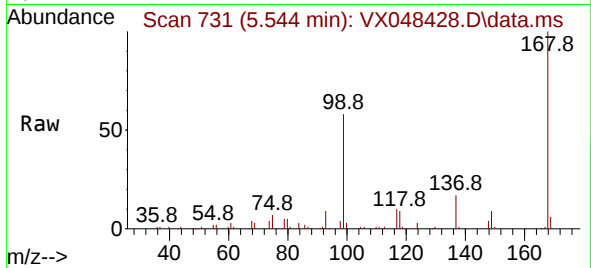




#38  
Carbon Tetrachloride  
Concen: 4.686 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX048428.D  
Acq: 31 Oct 2025 13:46

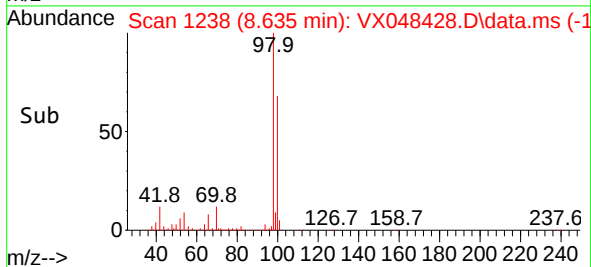
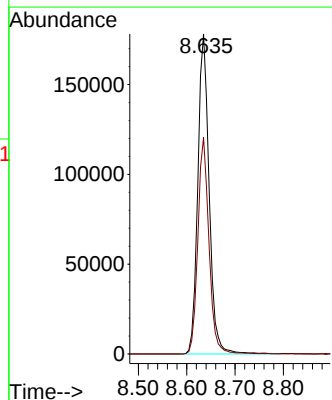
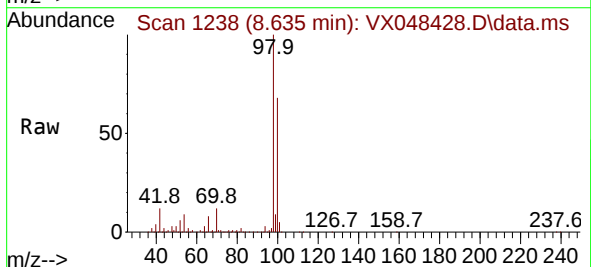
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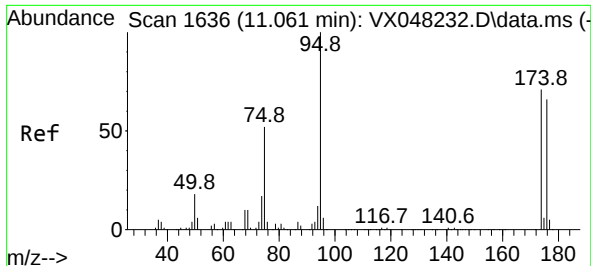
Tgt Ion:117 Resp: 12393  
Ion Ratio Lower Upper  
117 100  
119 10.1 77.2 115.8#  
121 0.0 24.8 37.2#



#50  
Toluene-d8  
Concen: 48.067 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: VX048428.D  
Acq: 31 Oct 2025 13:46

Tgt Ion: 98 Resp: 289433  
Ion Ratio Lower Upper  
98 100  
100 66.4 53.0 79.4

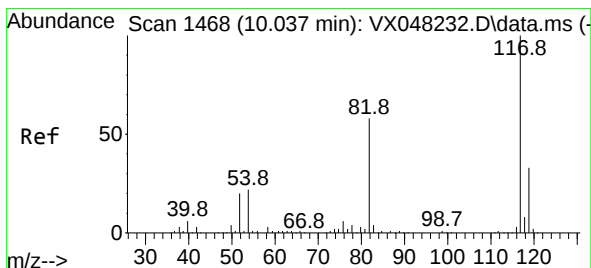
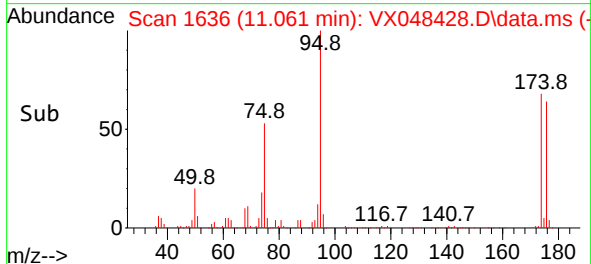
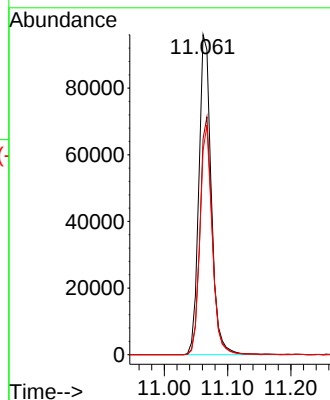
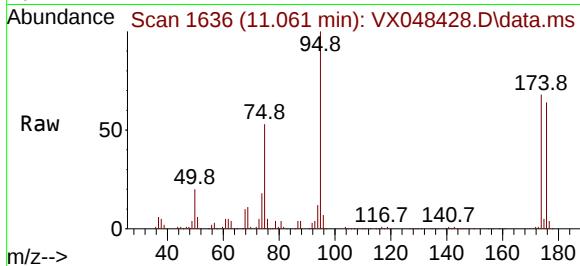




#62  
4-Bromofluorobenzene  
Concen: 58.237 ug/l  
RT: 11.061 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX048428.D  
Acq: 31 Oct 2025 13:46

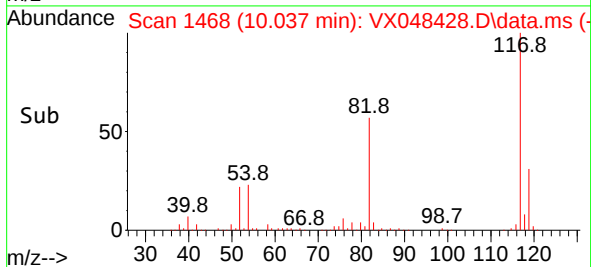
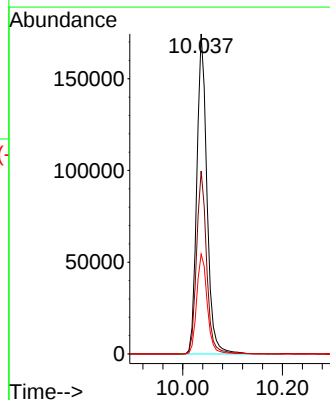
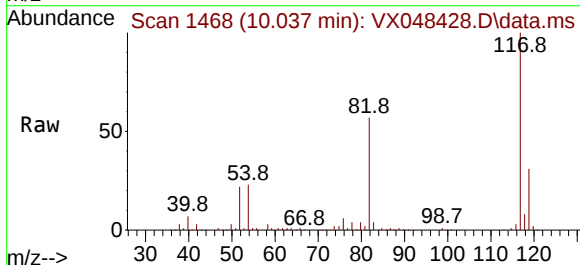
Instrument :  
MSVOA\_X  
ClientSampleId :  
TW-1025-1

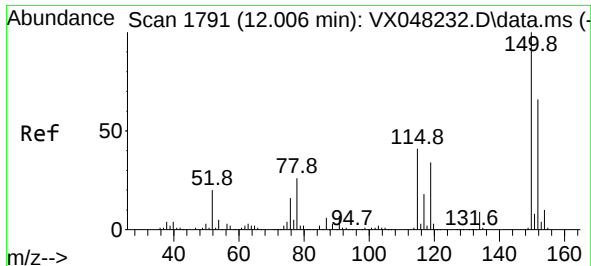
Tgt Ion: 95 Resp: 131178  
Ion Ratio Lower Upper  
95 100  
174 73.3 0.0 147.8  
176 70.7 0.0 142.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: VX048428.D  
Acq: 31 Oct 2025 13:46

Tgt Ion: 117 Resp: 246924  
Ion Ratio Lower Upper  
117 100  
82 57.2 46.5 69.7  
119 31.2 25.9 38.9

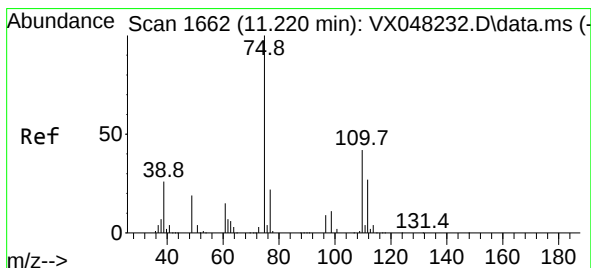
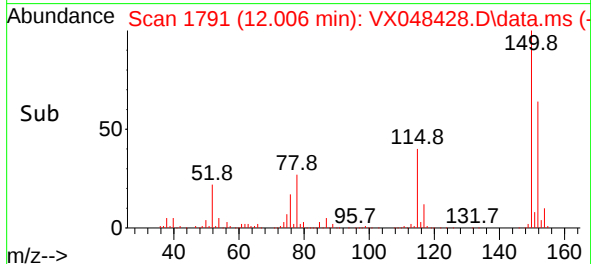
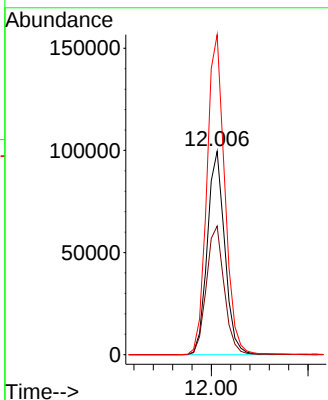
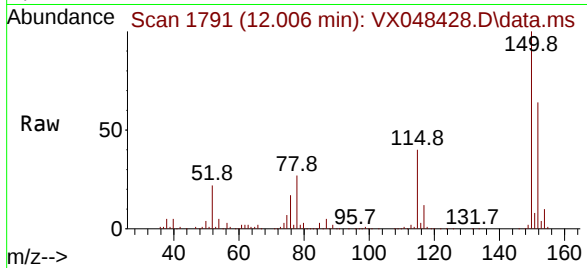




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.006 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VX048428.D  
 Acq: 31 Oct 2025 13:46

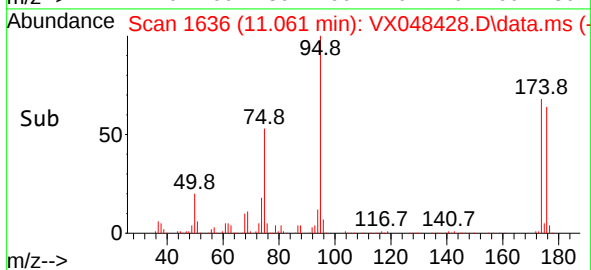
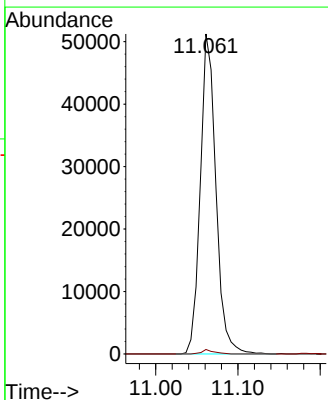
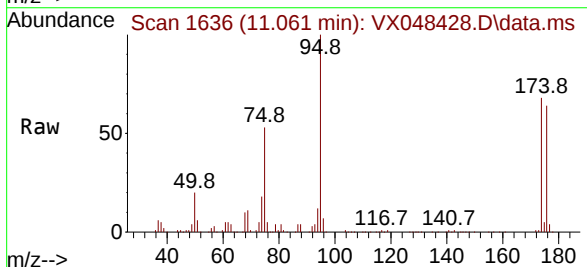
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TW-1025-1

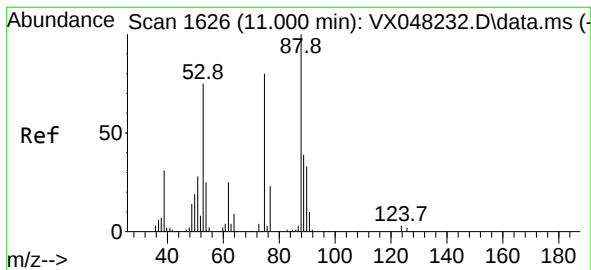
Tgt Ion:152 Resp: 124979  
 Ion Ratio Lower Upper  
 152 100  
 115 64.9 43.1 129.4  
 150 161.7 0.0 353.0



#76  
 1,2,3-Trichloropropane  
 Concen: 37.573 ug/l  
 RT: 11.061 min Scan# 1636  
 Delta R.T. -0.158 min  
 Lab File: VX048428.D  
 Acq: 31 Oct 2025 13:46

Tgt Ion: 75 Resp: 67533  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 22.4 67.2#





#81  
trans-1,4-Dichloro-2-butene  
Concen: 130.027 ug/l  
RT: 11.061 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX048428.D  
Acq: 31 Oct 2025 13:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
TW-1025-1

Tgt Ion: 75 Resp: 67533  
Ion Ratio Lower Upper  
75 100  
53 0.0 79.5 119.3#  
89 0.0 36.8 55.2#

