

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070325\  
 Data File : VX046882.D  
 Acq On : 03 Jul 2025 13:13  
 Operator : JC/MD  
 Sample : Q2501-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jul 04 01:31:39 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070225W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 03 05:51:11 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 600585   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 1024310  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 934678   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 472288   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 384133   | 48.414   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 96.820%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 328330   | 47.221   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 94.440%  |
| 50) Toluene-d8              | 8.647  | 98    | 1225226  | 49.944   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 99.880%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 471160   | 50.535   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 101.060% |

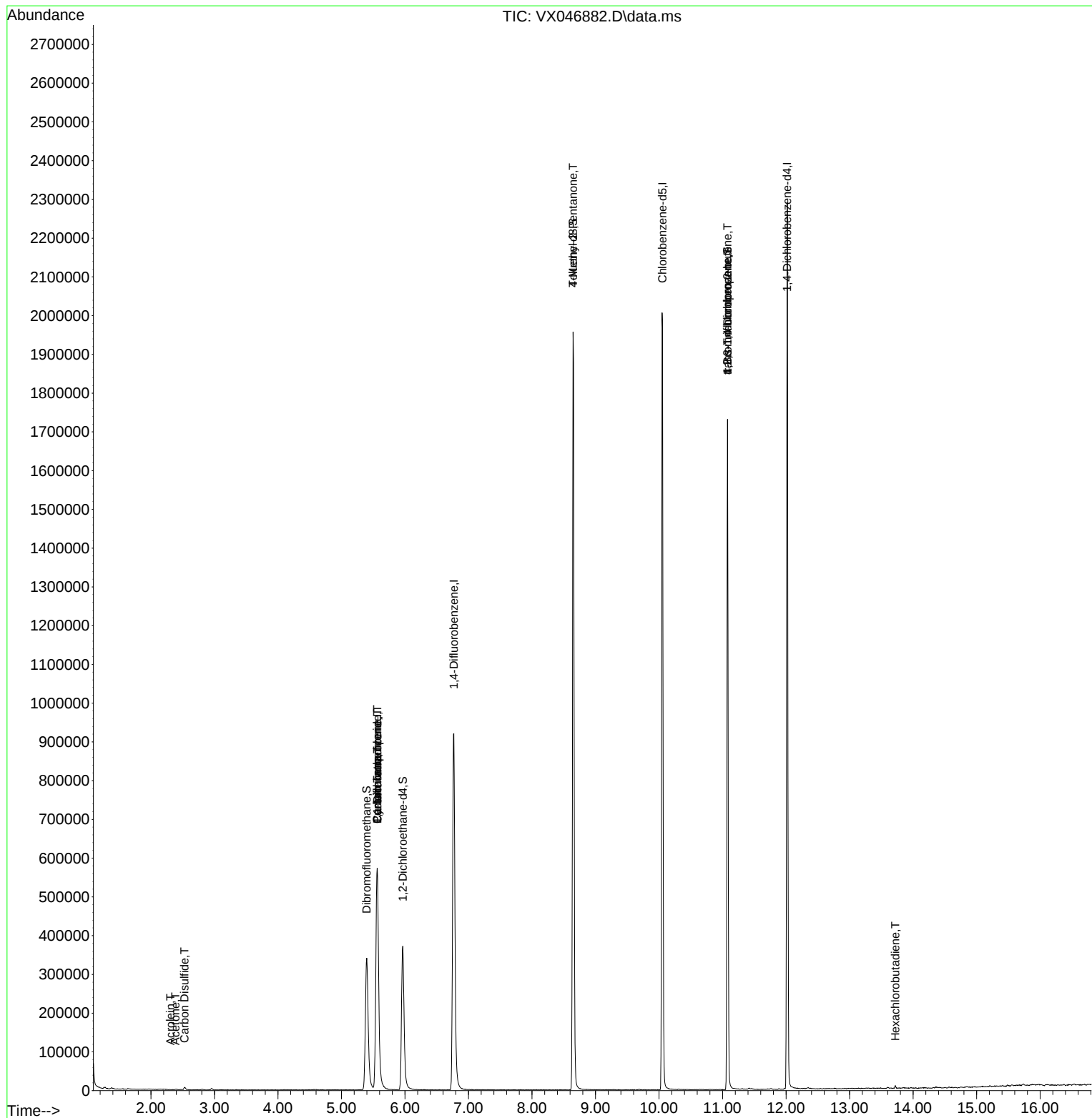
|                               |        |     |        |        |        |    |
|-------------------------------|--------|-----|--------|--------|--------|----|
| Target Compounds              |        |     | Qvalue |        |        |    |
| 13) Acrolein                  | 2.306  | 56  | 41     | 2.905  | ug/l # | 15 |
| 16) Acetone                   | 2.386  | 43  | 1845   | 0.749  | ug/l # | 81 |
| 17) Carbon Disulfide          | 2.526  | 76  | 7879   | 0.461  | ug/l # | 91 |
| 31) Cyclohexane               | 5.562  | 56  | 12550  | 1.107  | ug/l # | 1  |
| 36) 1,1-Dichloropropene       | 5.562  | 75  | 46984  | 5.008  | ug/l # | 51 |
| 38) Carbon Tetrachloride      | 5.562  | 117 | 61274  | 6.178  | ug/l # | 16 |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43  | 5186   | 0.718  | ug/l # | 1  |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75  | 236914 | 32.465 | ug/l # | 36 |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75  | 236914 | 87.120 | ug/l # | 8  |
| 94) Hexachlorobutadiene       | 13.719 | 225 | 905    | 0.236  | ug/l   | 97 |

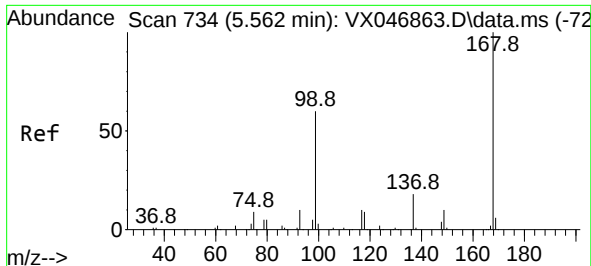
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070325\  
Data File : VX046882.D  
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Sample : Q2501-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

Quant Time: Jul 04 01:31:39 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070225W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 03 05:51:11 2025  
Response via : Initial Calibration

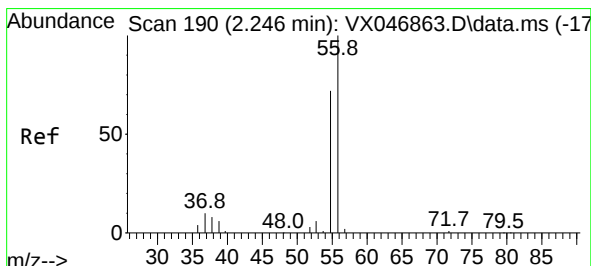
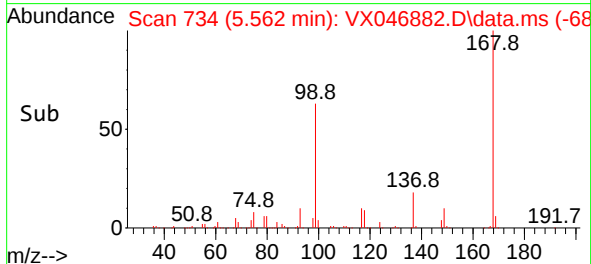
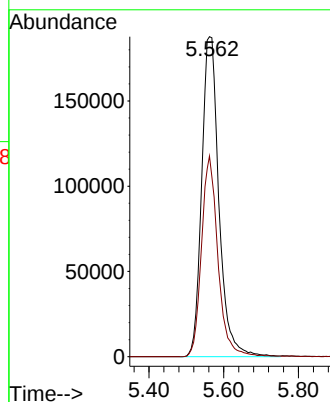
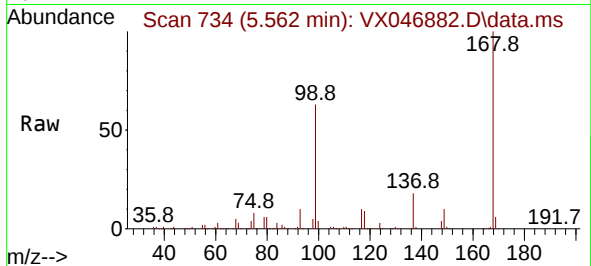




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

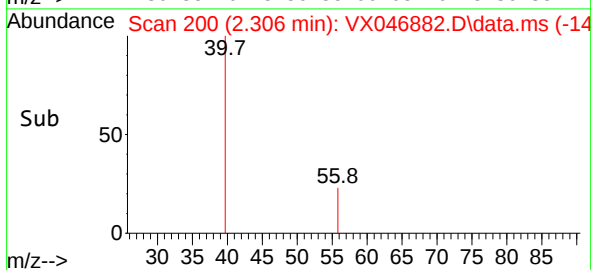
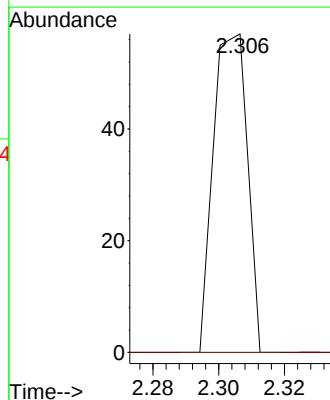
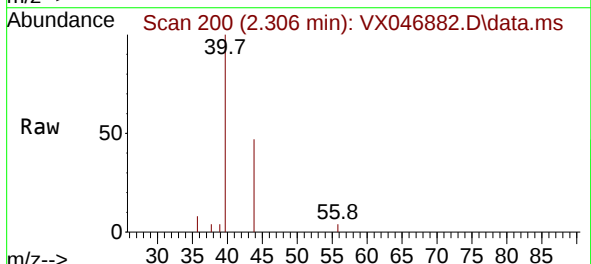
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

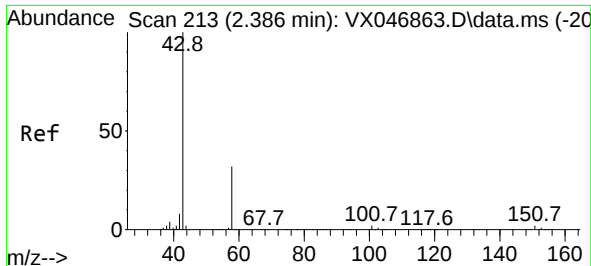
Tgt Ion:168 Resp: 600585  
Ion Ratio Lower Upper  
168 100  
99 62.7 48.8 73.2



#13  
Acrolein  
Concen: 2.905 ug/l  
RT: 2.306 min Scan# 200  
Delta R.T. 0.060 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

Tgt Ion: 56 Resp: 41  
Ion Ratio Lower Upper  
56 100  
55 0.0 55.5 83.3#

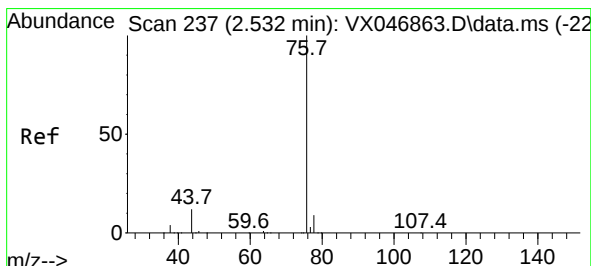
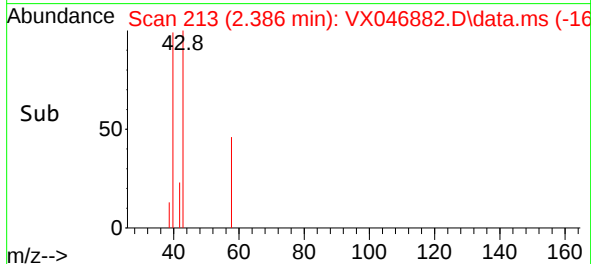
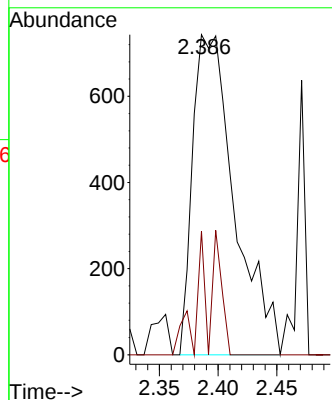
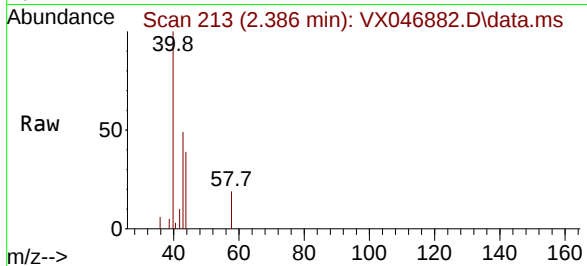




#16  
Acetone  
Concen: 0.749 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

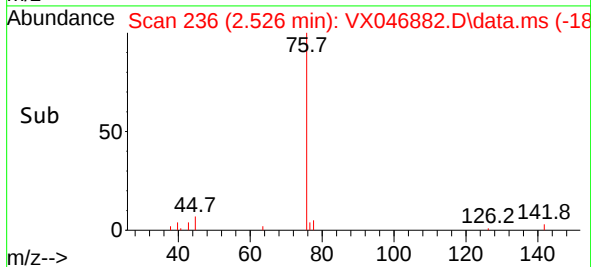
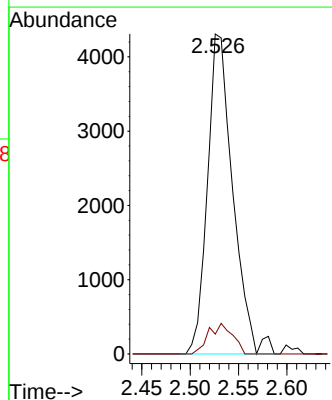
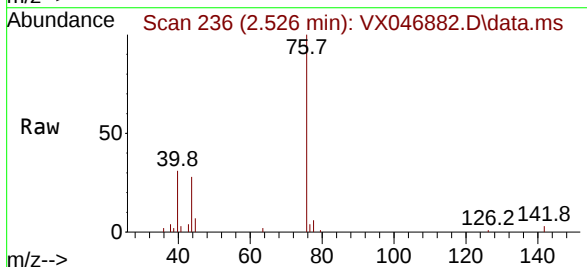
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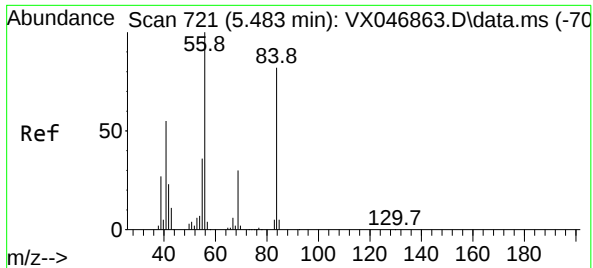
Tgt Ion: 43 Resp: 1845  
Ion Ratio Lower Upper  
43 100  
58 21.6 25.8 38.6#



#17  
Carbon Disulfide  
Concen: 0.461 ug/l  
RT: 2.526 min Scan# 236  
Delta R.T. -0.006 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

Tgt Ion: 76 Resp: 7879  
Ion Ratio Lower Upper  
76 100  
78 6.0 7.4 11.2#

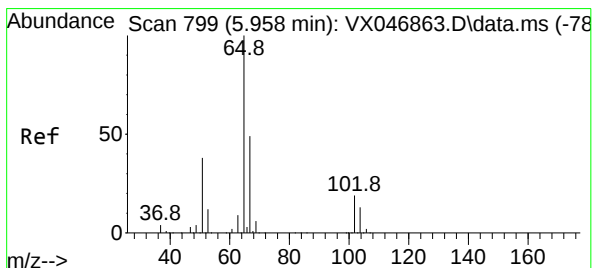
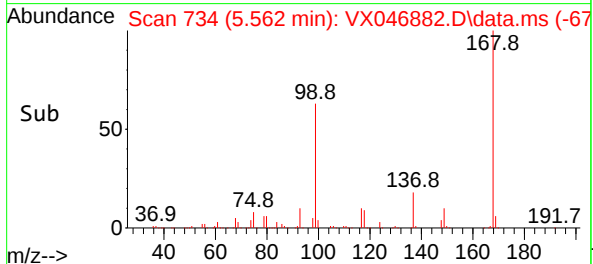
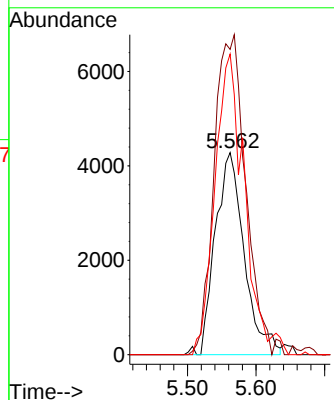
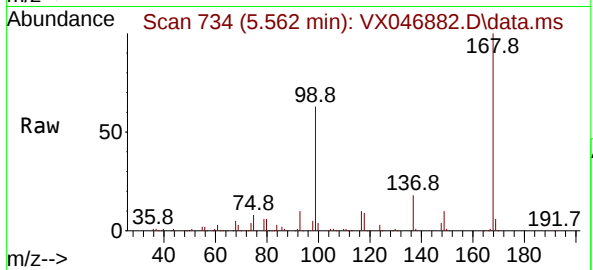




#31  
Cyclohexane  
Concen: 1.107 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.079 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

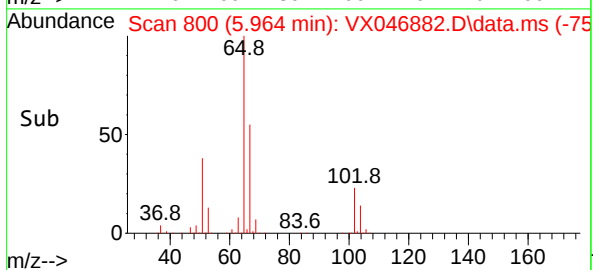
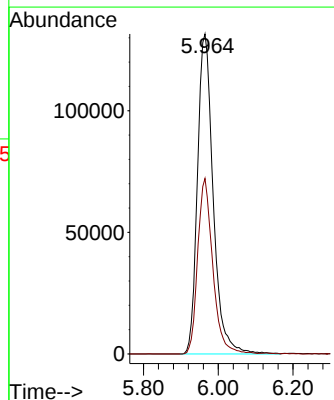
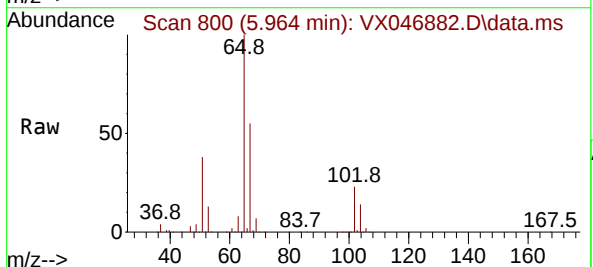
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

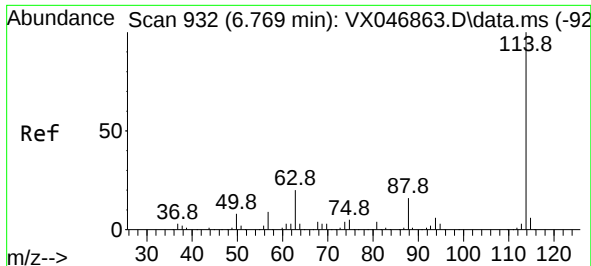
Tgt Ion: 56 Resp: 12550  
Ion Ratio Lower Upper  
56 100  
69 151.1 24.0 36.0#  
84 148.8 66.5 99.7#



#33  
1,2-Dichloroethane-d4  
Concen: 48.414 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

Tgt Ion: 65 Resp: 384133  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 105.2

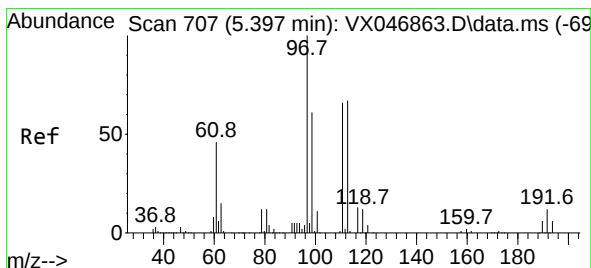
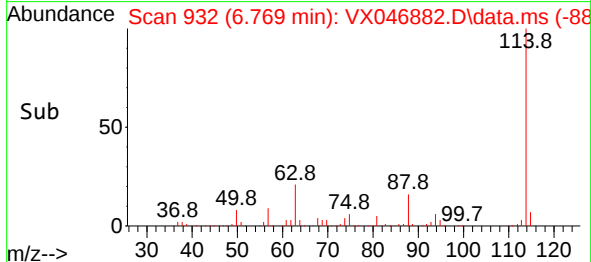
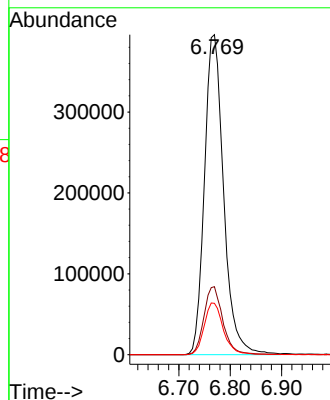
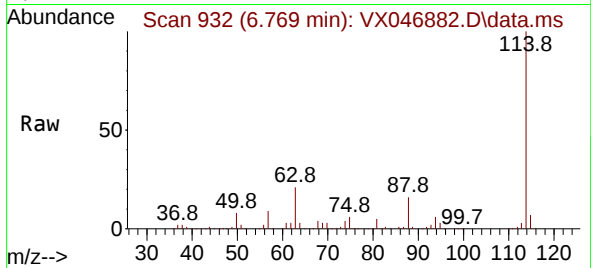




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

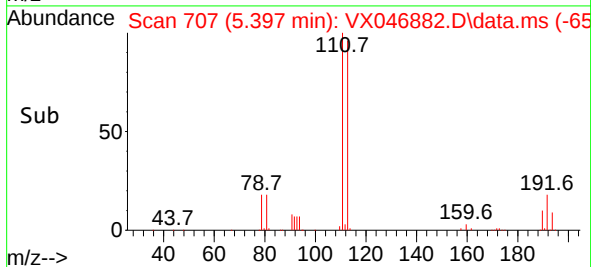
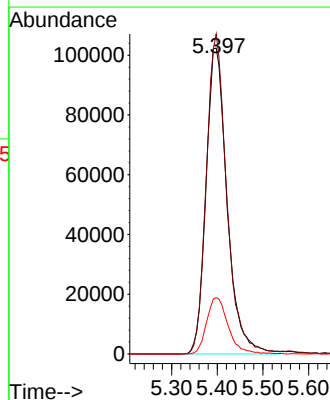
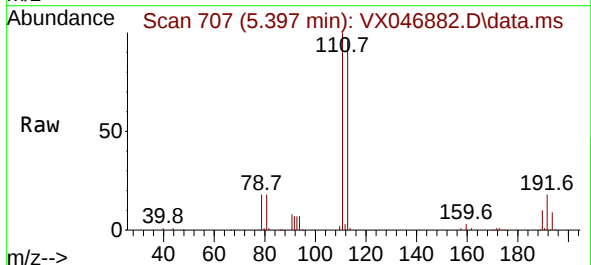
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ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

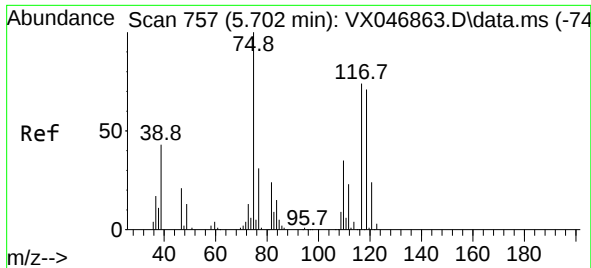
Tgt Ion:114 Resp: 1024310  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 40.4  
88 16.0 0.0 31.0



#35  
Dibromofluoromethane  
Concen: 47.221 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. -0.000 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

Tgt Ion:113 Resp: 328330  
Ion Ratio Lower Upper  
113 100  
111 101.6 81.2 121.8  
192 18.9 15.3 22.9

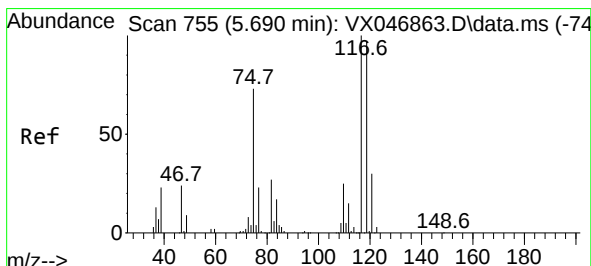
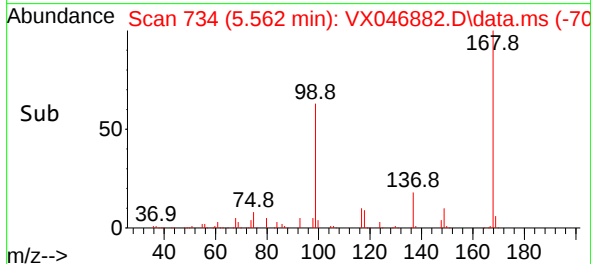
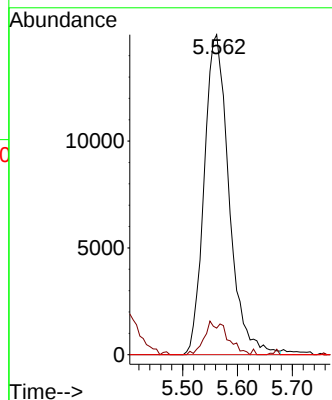
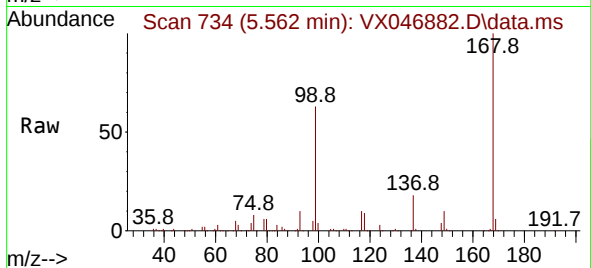




#36  
1,1-Dichloropropene  
Concen: 5.008 ug/l  
RT: 5.562 min Scan# 714  
Delta R.T. -0.140 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

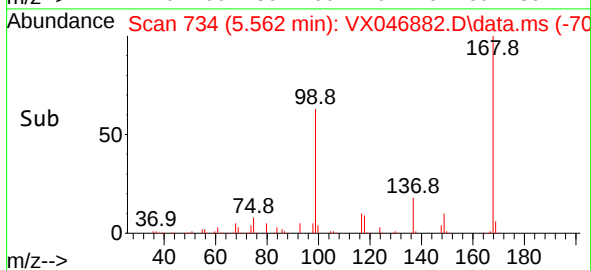
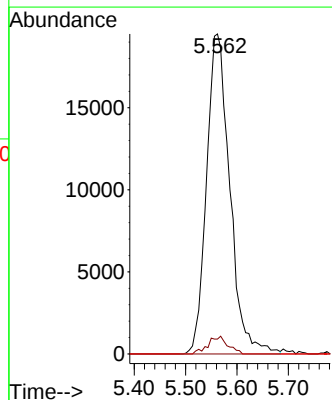
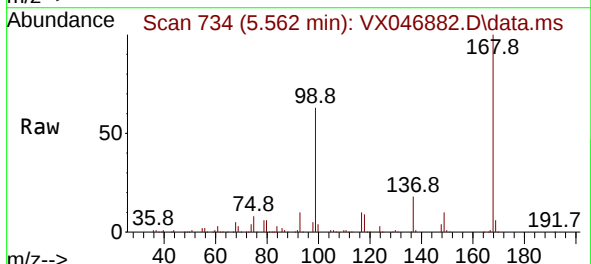
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STORAGE-BLANK-SOIL-REF-6

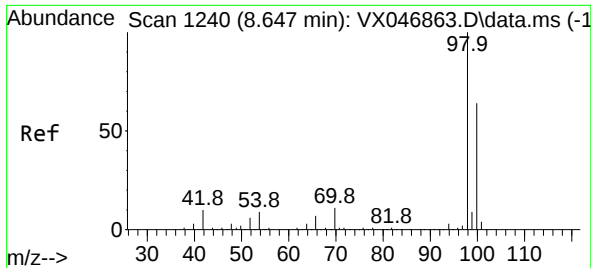
Tgt Ion: 75 Resp: 46984  
Ion Ratio Lower Upper  
75 100  
110 9.7 17.3 51.9#  
77 0.0 24.2 36.4#



#38  
Carbon Tetrachloride  
Concen: 6.178 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.128 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

Tgt Ion: 117 Resp: 61274  
Ion Ratio Lower Upper  
117 100  
119 4.6 76.6 114.8#  
121 0.0 24.1 36.1#

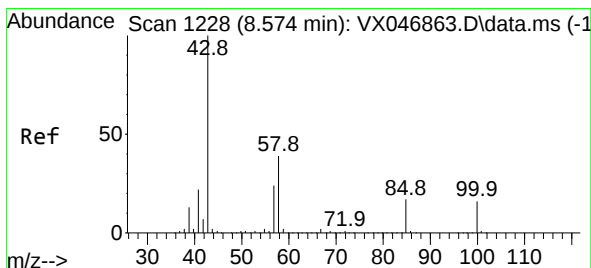
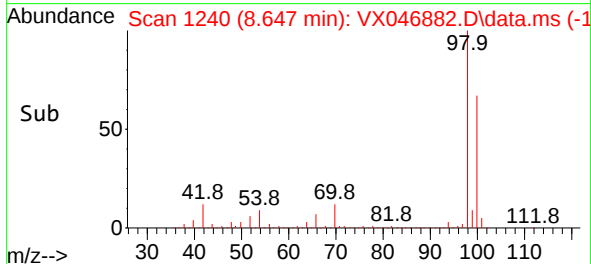
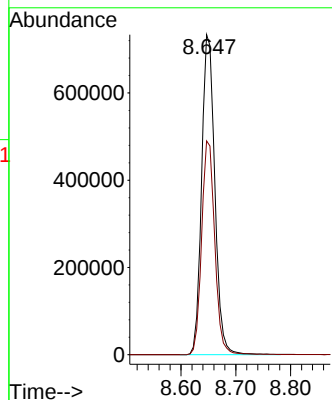
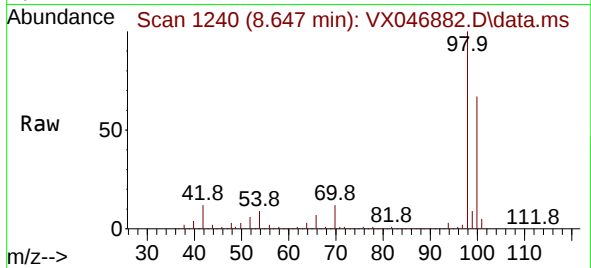




#50  
Toluene-d8  
Concen: 49.944 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

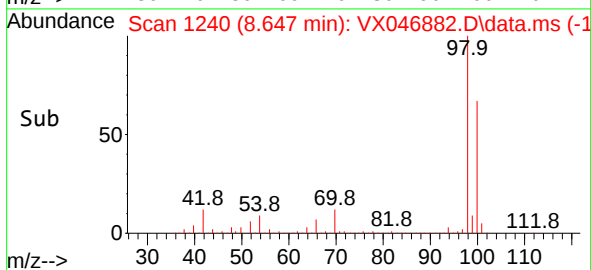
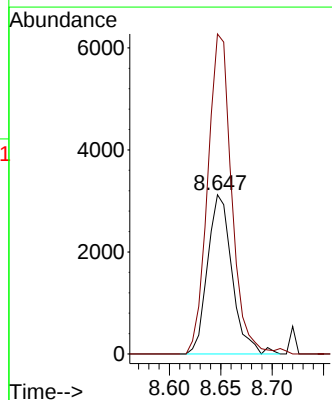
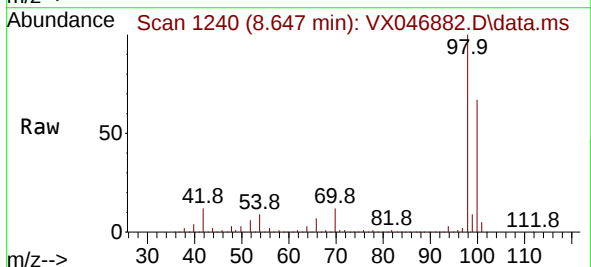
Instrument :  
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STORAGE-BLANK-SOIL-REF-6

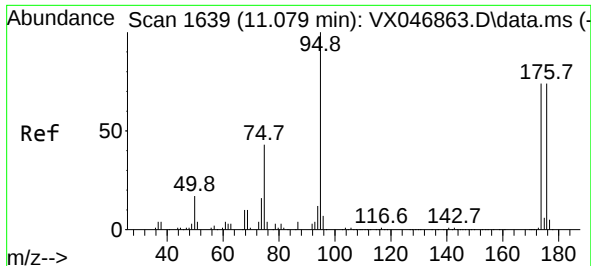
Tgt Ion: 98 Resp: 1225226  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.0 79.6



#51  
4-Methyl-2-Pentanone  
Concen: 0.718 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

Tgt Ion: 43 Resp: 5186  
Ion Ratio Lower Upper  
43 100  
58 197.1 30.4 45.6#

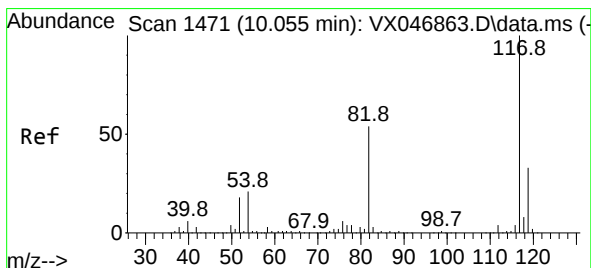
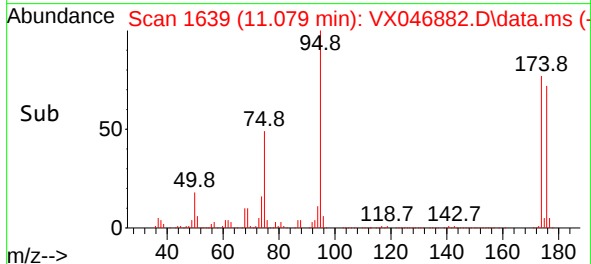
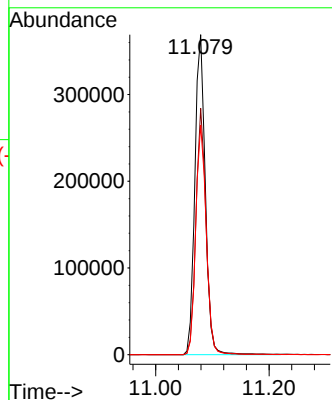
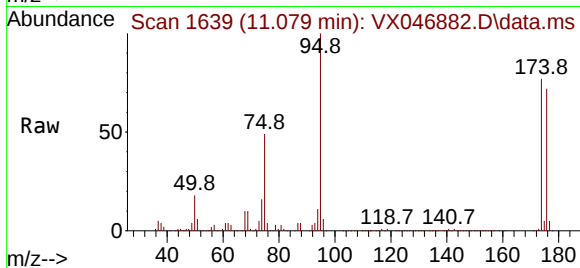




#62  
4-Bromofluorobenzene  
Concen: 50.535 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

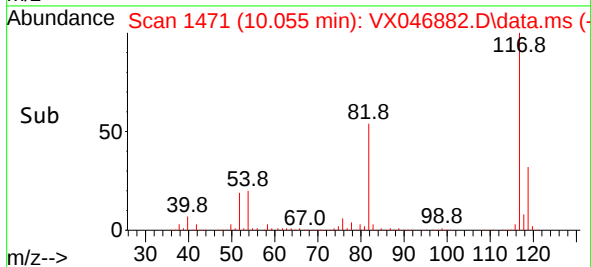
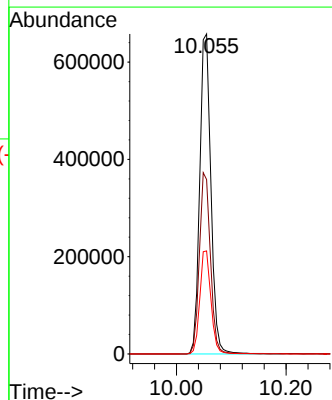
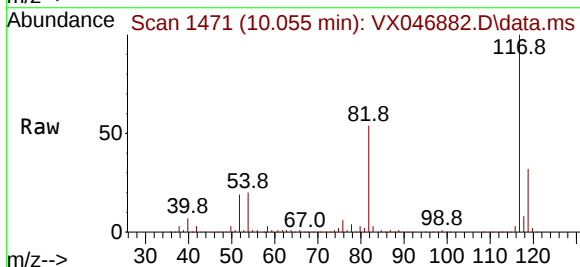
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

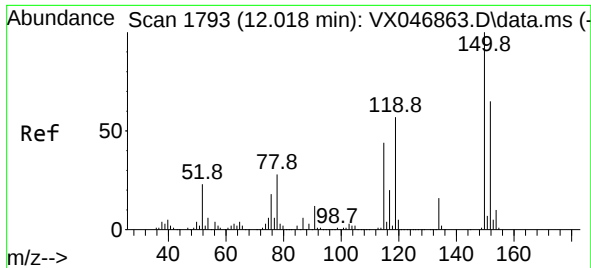
Tgt Ion: 95 Resp: 471160  
Ion Ratio Lower Upper  
95 100  
174 74.7 0.0 152.0  
176 72.3 0.0 145.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

Tgt Ion: 117 Resp: 934678  
Ion Ratio Lower Upper  
117 100  
82 54.5 43.3 64.9  
119 32.2 26.4 39.6

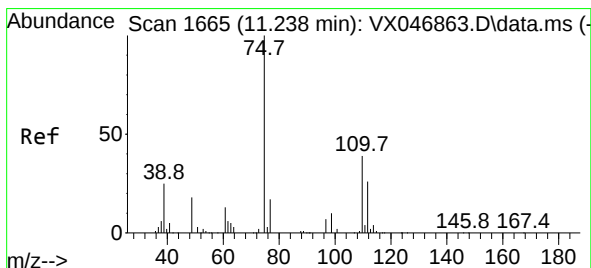
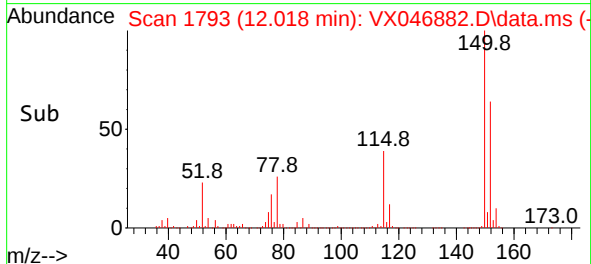
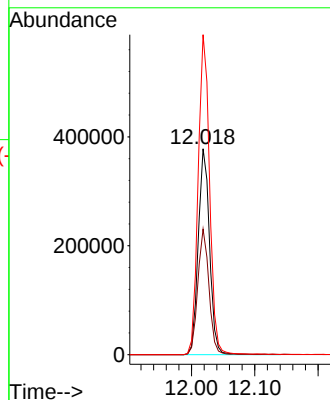
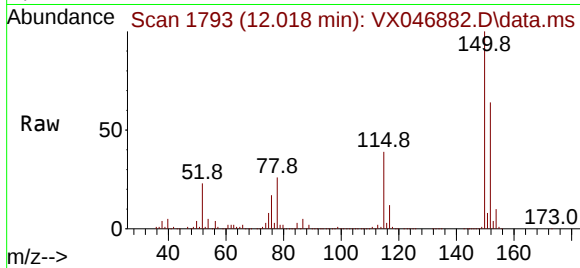




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.018 min Scan# 1  
 Delta R.T. -0.000 min  
 Lab File: VX046882.D  
 Acq: 03 Jul 2025 13:13

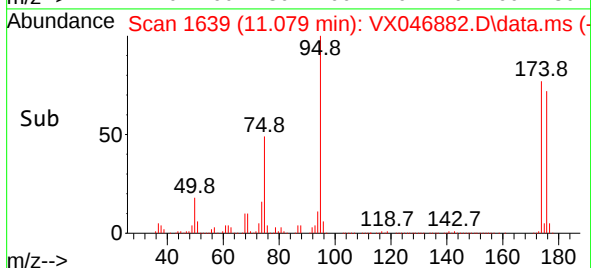
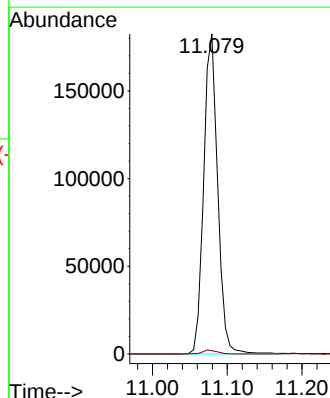
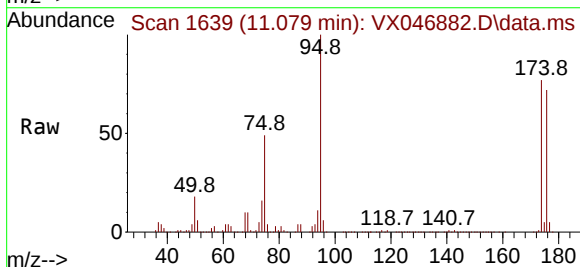
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SOIL-REF-6

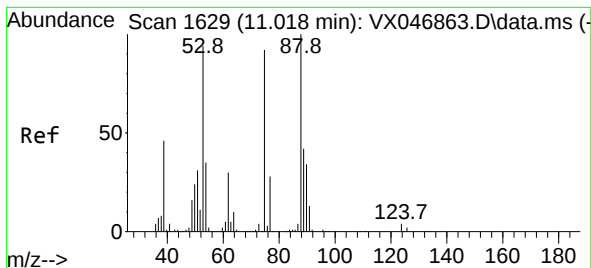
Tgt Ion:152 Resp: 472288  
 Ion Ratio Lower Upper  
 152 100  
 115 60.3 42.4 127.1  
 150 156.5 0.0 349.2



#76  
 1,2,3-Trichloropropane  
 Concen: 32.465 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.159 min  
 Lab File: VX046882.D  
 Acq: 03 Jul 2025 13:13

Tgt Ion: 75 Resp: 236914  
 Ion Ratio Lower Upper  
 75 100  
 77 1.3 20.6 61.8#

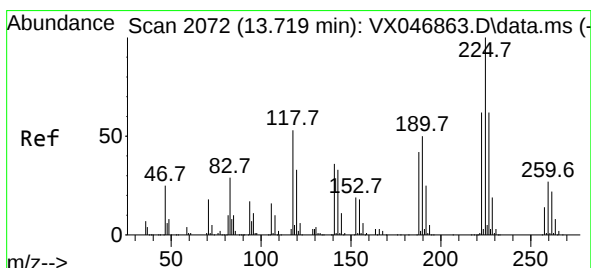
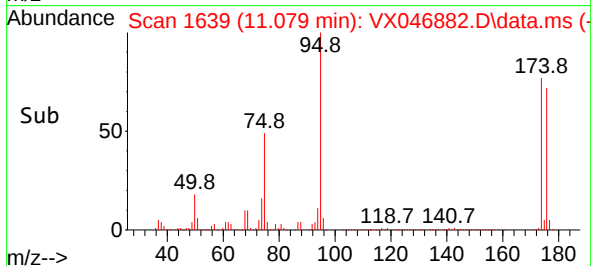
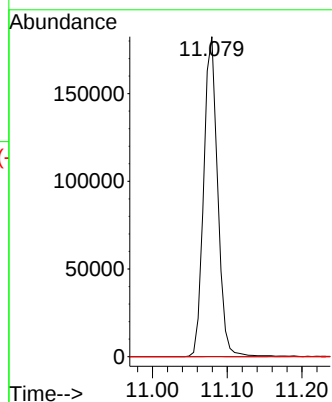
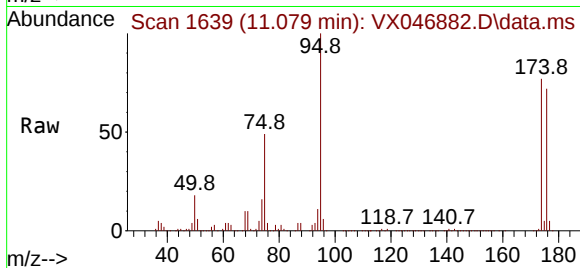




#81  
trans-1,4-Dichloro-2-butene  
Concen: 87.120 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 236914  
Ion Ratio Lower Upper  
75 100  
53 0.0 83.7 125.5#  
89 0.0 38.2 57.2#



#94  
Hexachlorobutadiene  
Concen: 0.236 ug/l  
RT: 13.719 min Scan# 2072  
Delta R.T. -0.000 min  
Lab File: VX046882.D  
Acq: 03 Jul 2025 13:13

Tgt Ion: 225 Resp: 905  
Ion Ratio Lower Upper  
225 100  
223 63.0 31.6 94.7  
227 58.1 31.6 94.7

