

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102225\  
 Data File : VX048296.D  
 Acq On : 22 Oct 2025 14:27  
 Operator : JC/MD  
 Sample : Q3373-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Oct 24 05:55:16 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

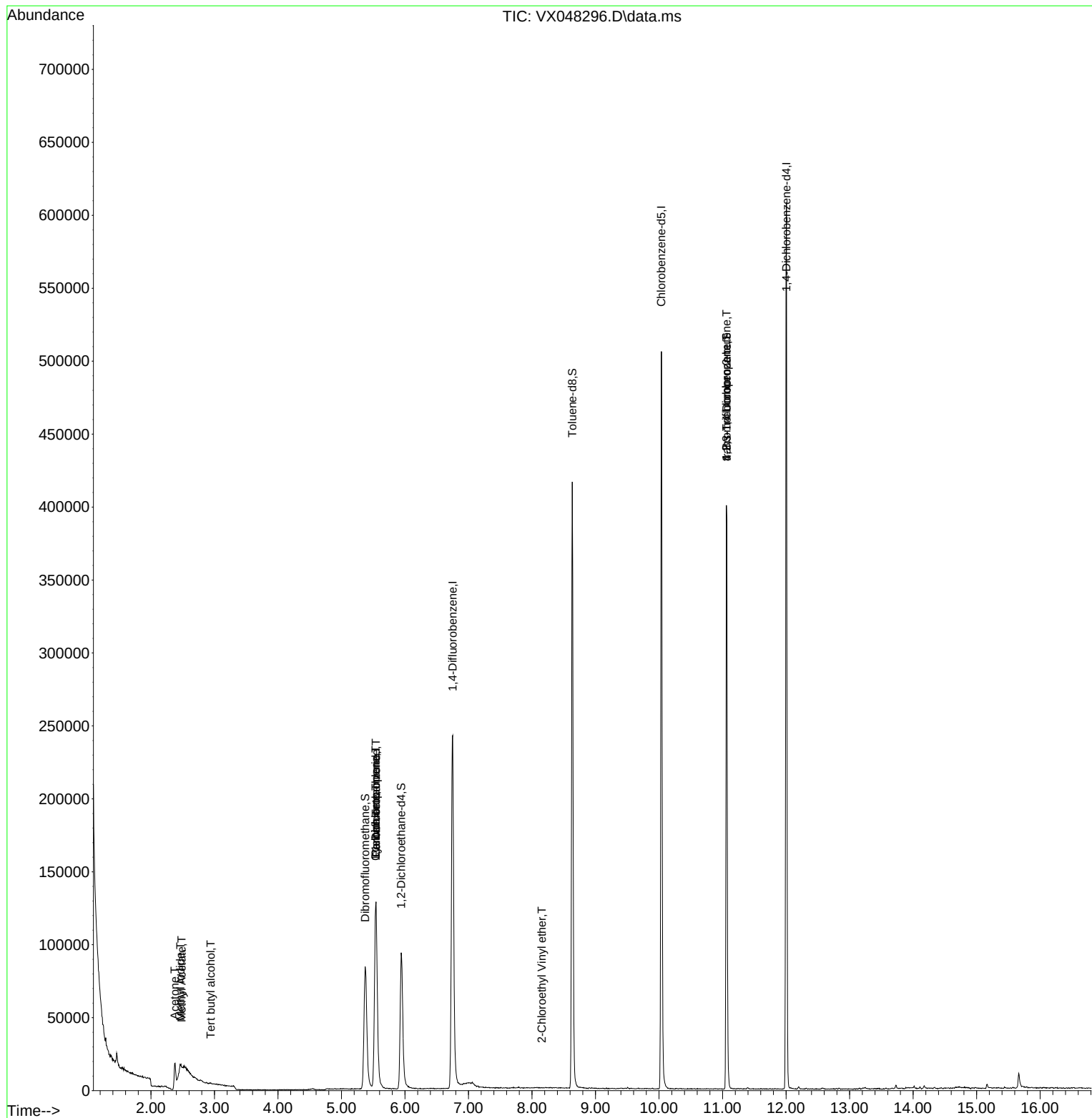
| Compound                      | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|------------|----------|
| -----                         |        |       |          |          |            |          |
| Internal Standards            |        |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.544  | 168   | 133068   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.751  | 114   | 266786   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.037 | 117   | 242665   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.006 | 152   | 130816   | 50.000   | ug/l       | 0.00     |
|                               |        |       |          |          |            |          |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.940  | 65    | 102039   | 54.692   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | = 109.380% |          |
| 35) Dibromofluoromethane      | 5.373  | 113   | 83028    | 45.586   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | = 91.180%  |          |
| 50) Toluene-d8                | 8.635  | 98    | 258836   | 40.545   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | = 81.080%# |          |
| 62) 4-Bromofluorobenzene      | 11.061 | 95    | 115329   | 47.487   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | = 94.980%  |          |
|                               |        |       |          |          |            |          |
| Target Compounds              |        |       |          |          |            | Qvalue   |
| 10) Methyl Iodide             | 2.465  | 142   | 4454     | 2.467    | ug/l       | 96       |
| 11) Tert butyl alcohol        | 2.941  | 59    | 43       | 0.232    | ug/l #     | 72       |
| 16) Acetone                   | 2.374  | 43    | 23481    | 36.686   | ug/l       | 97       |
| 18) Methyl Acetate            | 2.483  | 43    | 17159    | 12.837   | ug/l #     | 54       |
| 31) Cyclohexane               | 5.538  | 56    | 2799     | 1.209    | ug/l #     | 1        |
| 36) 1,1-Dichloropropene       | 5.538  | 75    | 10932    | 4.223    | ug/l #     | 49       |
| 38) Carbon Tetrachloride      | 5.544  | 117   | 13553    | 4.244    | ug/l #     | 16       |
| 58) 2-Chloroethyl Vinyl ether | 8.153  | 63    | 22       | 1.713    | ug/l #     | 47       |
| 76) 1,2,3-Trichloropropane    | 11.061 | 75    | 58973    | 27.799   | ug/l #     | 33       |
| 81) trans-1,4-Dichloro-2-b... | 11.061 | 75    | 58973    | 67.633   | ug/l #     | 10       |
| -----                         |        |       |          |          |            |          |

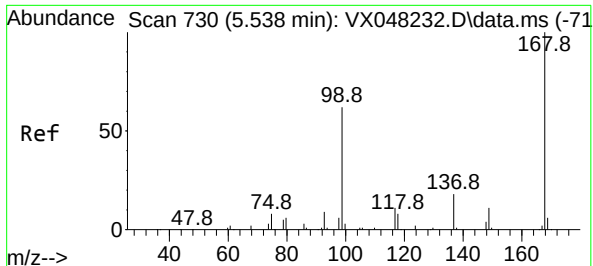
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102225\  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

Quant Time: Oct 24 05:55:16 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

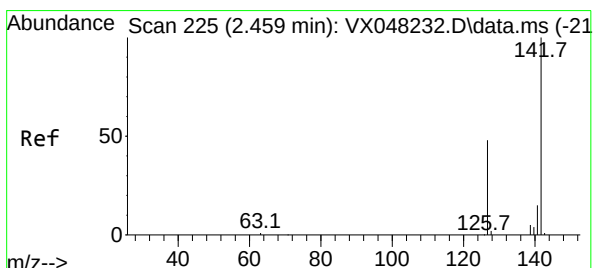
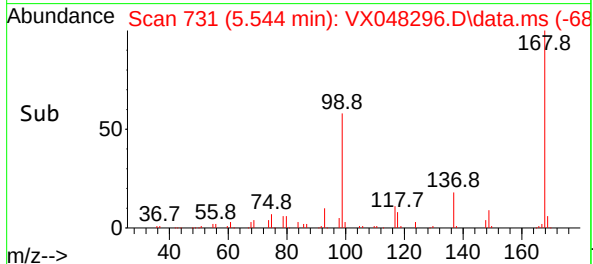
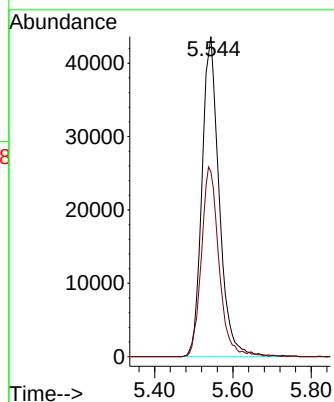
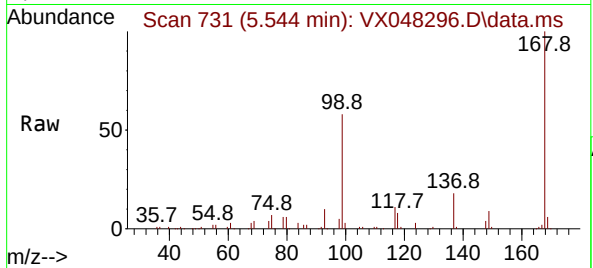




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX048296.D  
Acq: 22 Oct 2025 14:27

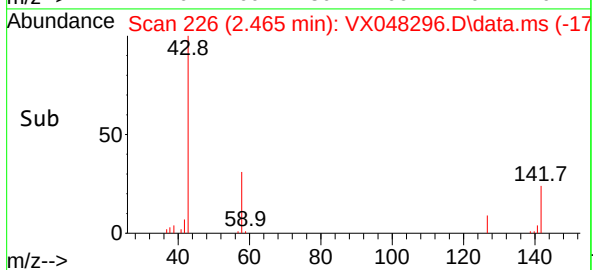
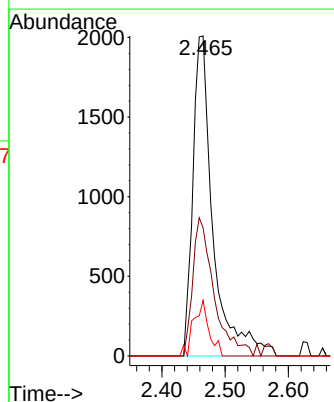
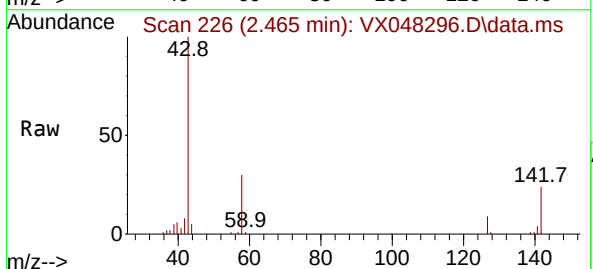
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

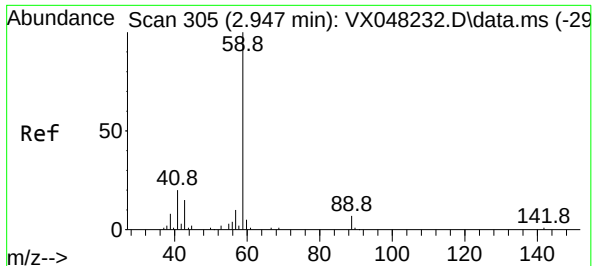
Tgt Ion:168 Resp: 133068  
Ion Ratio Lower Upper  
168 100  
99 57.8 46.4 69.6



#10  
Methyl Iodide  
Concen: 2.467 ug/l  
RT: 2.465 min Scan# 226  
Delta R.T. 0.006 min  
Lab File: VX048296.D  
Acq: 22 Oct 2025 14:27

Tgt Ion:142 Resp: 4454  
Ion Ratio Lower Upper  
142 100  
127 45.3 38.5 57.7  
141 13.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 0.232 ug/l

RT: 2.941 min Scan# 305

Delta R.T. -0.000 min

Lab File: VX048296.D

Acq: 22 Oct 2025 14:27

Instrument :

MSVOA\_X

ClientSampleId :

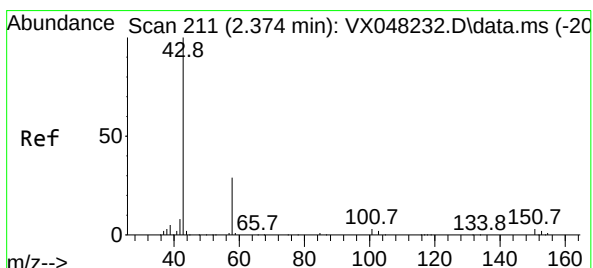
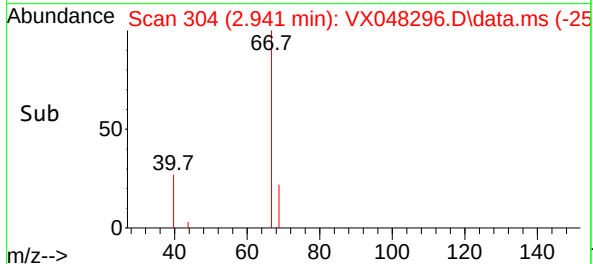
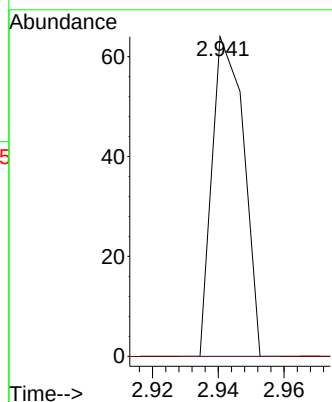
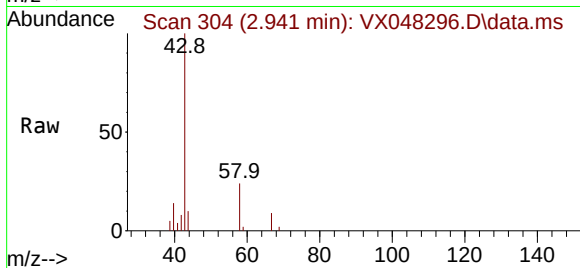
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 59 Resp: 43

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 36.686 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX048296.D

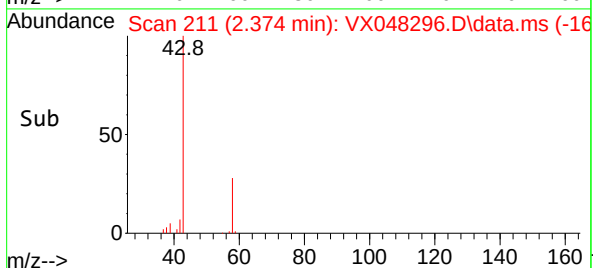
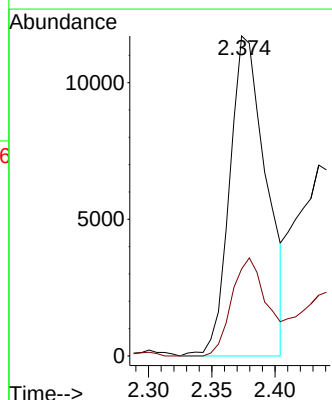
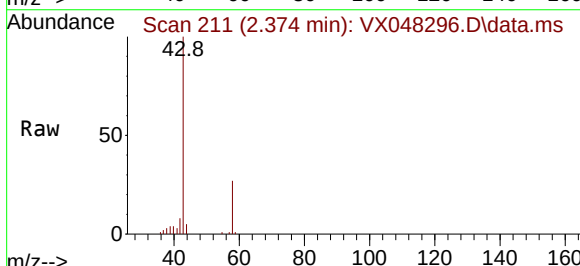
Acq: 22 Oct 2025 14:27

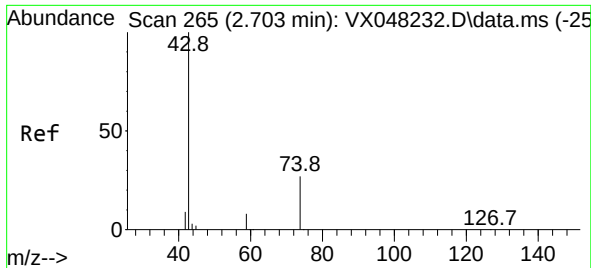
Tgt Ion: 43 Resp: 23481

Ion Ratio Lower Upper

43 100

58 27.6 23.4 35.2

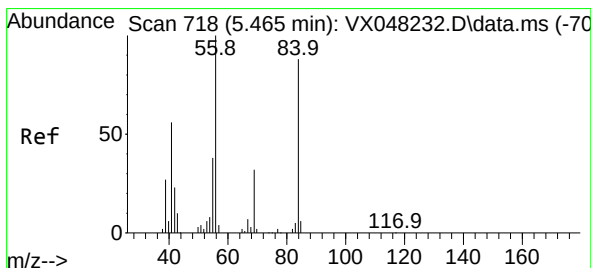
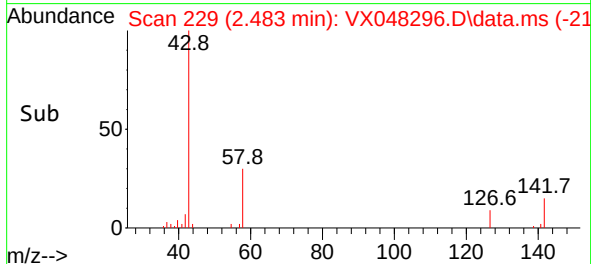
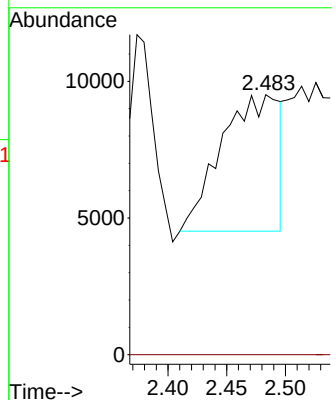
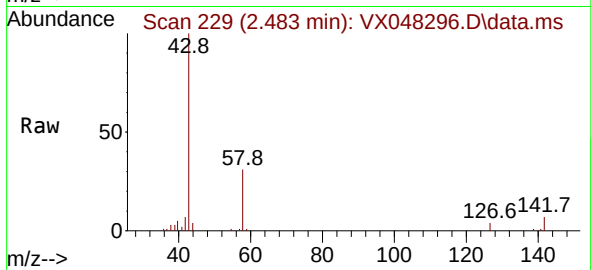




#18  
Methyl Acetate  
Concen: 12.837 ug/l  
RT: 2.483 min Scan# 21  
Delta R.T. -0.213 min  
Lab File: VX048296.D  
Acq: 22 Oct 2025 14:27

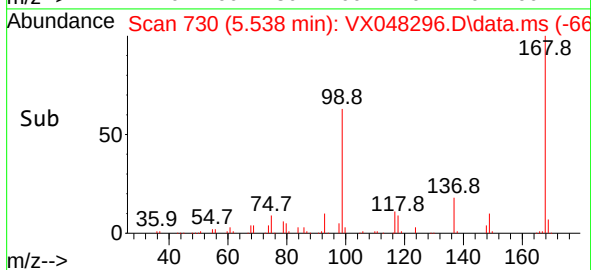
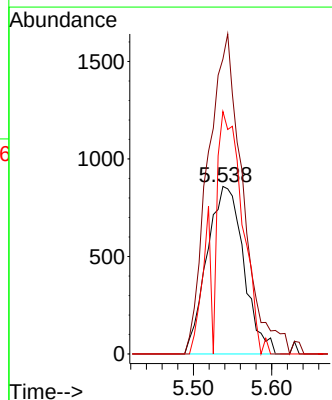
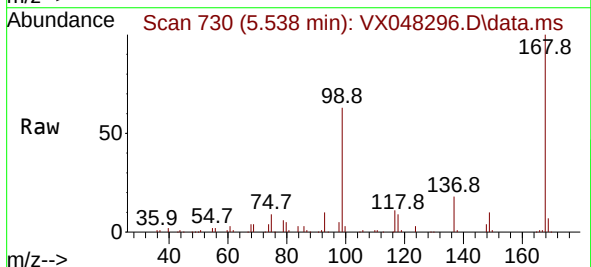
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

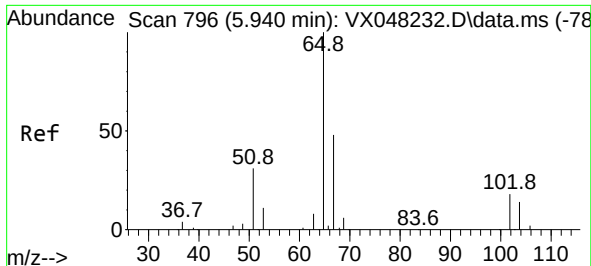
Tgt Ion: 43 Resp: 17159  
Ion Ratio Lower Upper  
43 100  
74 0.0 17.5 26.3#



#31  
Cyclohexane  
Concen: 1.209 ug/l  
RT: 5.538 min Scan# 730  
Delta R.T. 0.079 min  
Lab File: VX048296.D  
Acq: 22 Oct 2025 14:27

Tgt Ion: 56 Resp: 2799  
Ion Ratio Lower Upper  
56 100  
69 176.0 23.0 34.6#  
84 144.7 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 54.692 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048296.D

Acq: 22 Oct 2025 14:27

Instrument :

MSVOA\_X

ClientSampleId :

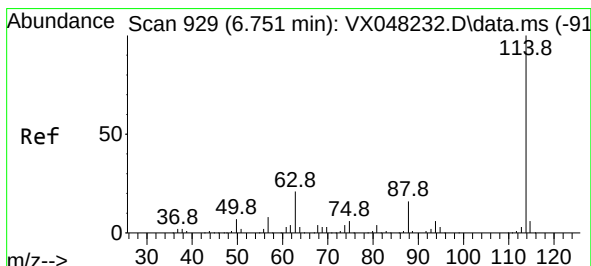
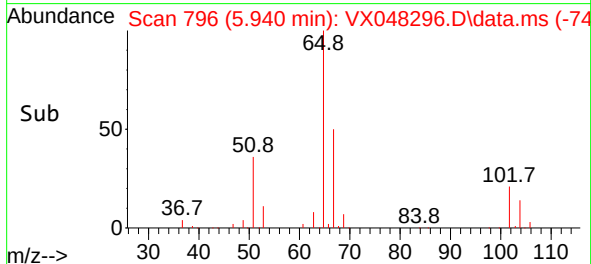
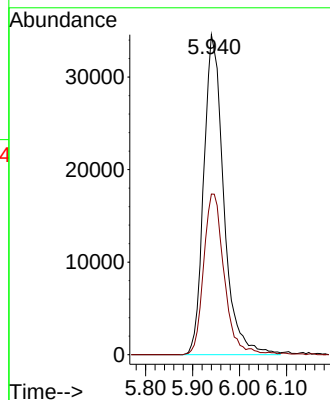
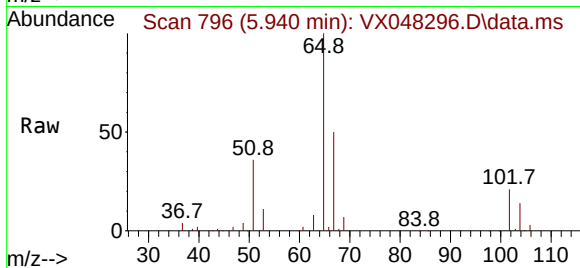
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 102039

Ion Ratio Lower Upper

65 100

67 51.4 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048296.D

Acq: 22 Oct 2025 14:27

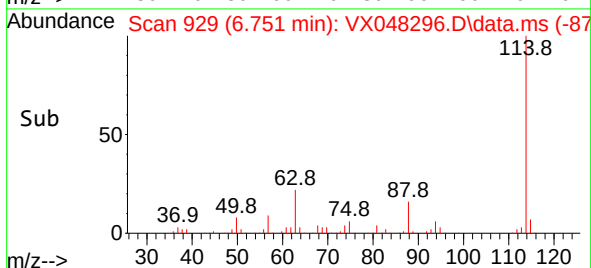
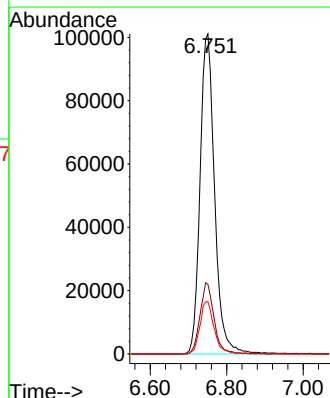
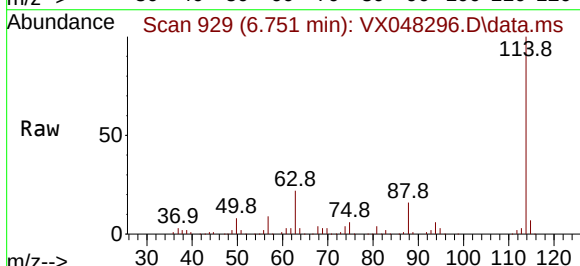
Tgt Ion: 114 Resp: 266786

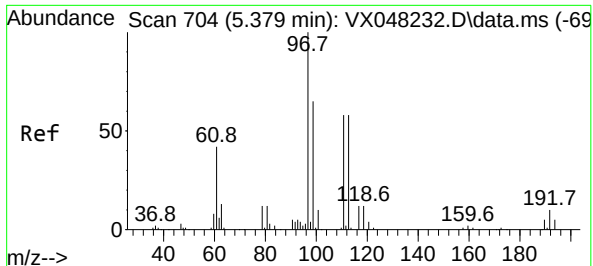
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

88 16.4 0.0 33.6





#35

Dibromofluoromethane

Concen: 45.586 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX048296.D

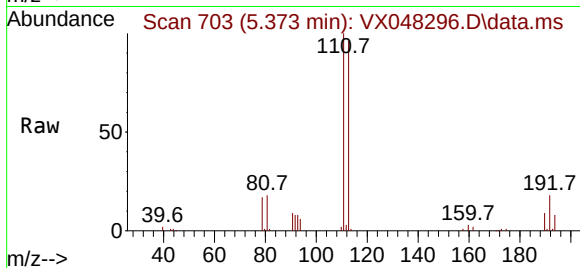
Acq: 22 Oct 2025 14:27

Instrument :

MSVOA\_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



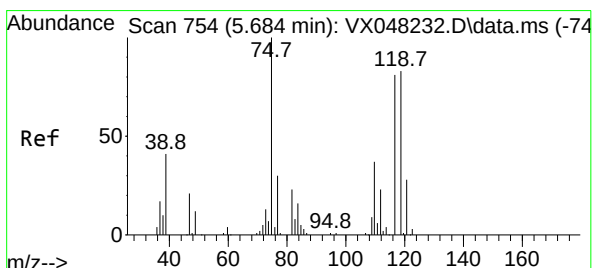
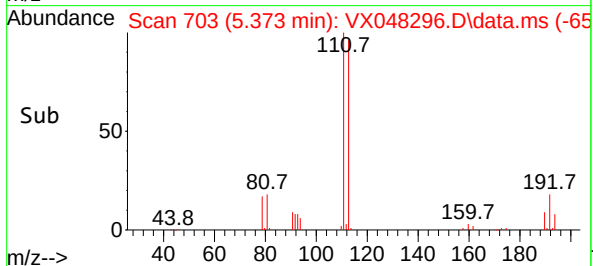
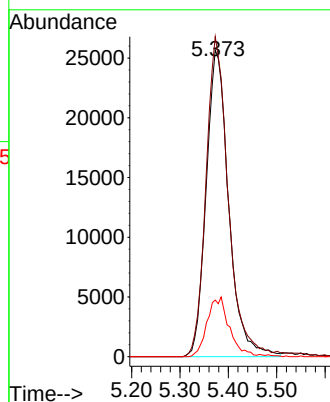
Tgt Ion:113 Resp: 83028

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 19.0 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.223 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.146 min

Lab File: VX048296.D

Acq: 22 Oct 2025 14:27

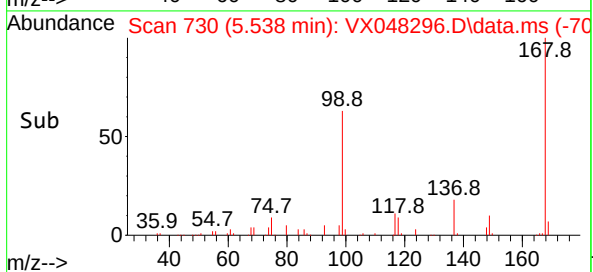
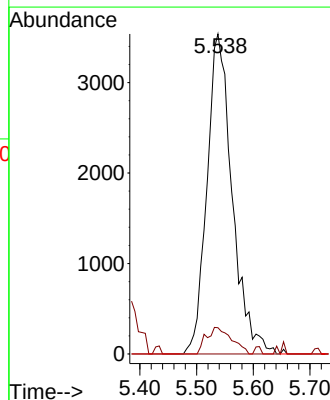
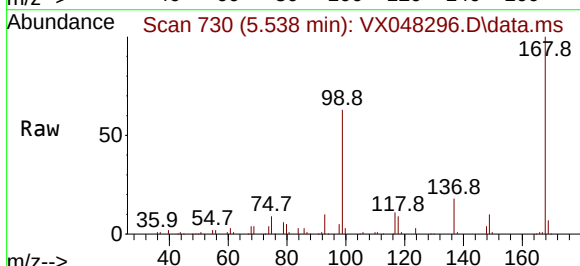
Tgt Ion: 75 Resp: 10932

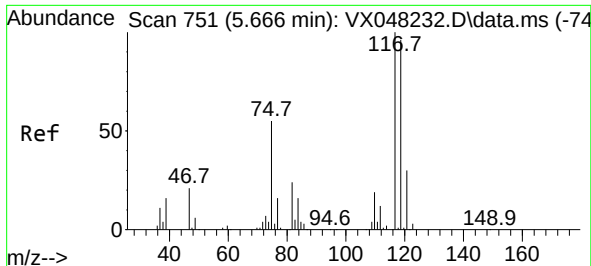
Ion Ratio Lower Upper

75 100

110 8.3 17.7 53.1#

77 0.0 24.3 36.5#

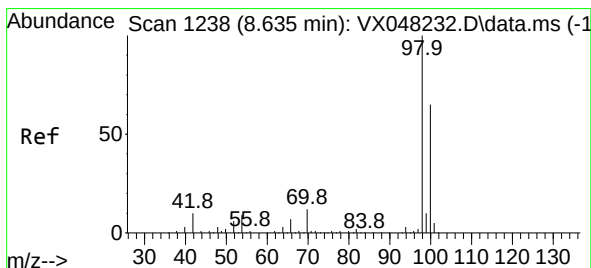
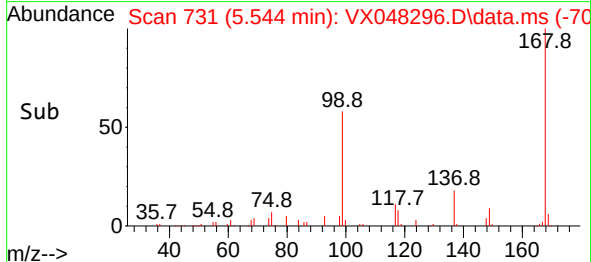
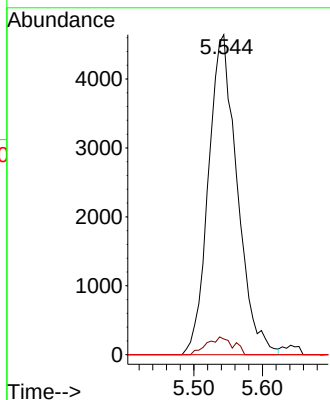
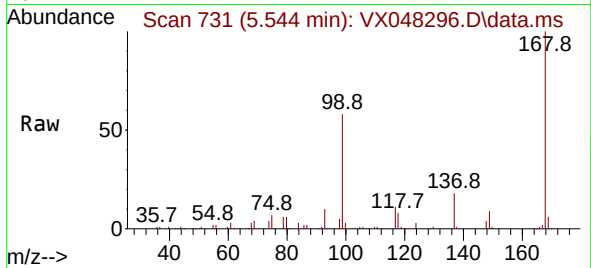




#38  
Carbon Tetrachloride  
Concen: 4.244 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX048296.D  
Acq: 22 Oct 2025 14:27

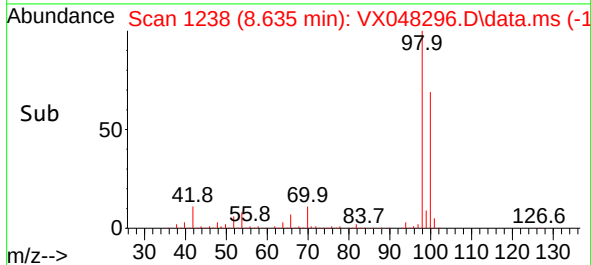
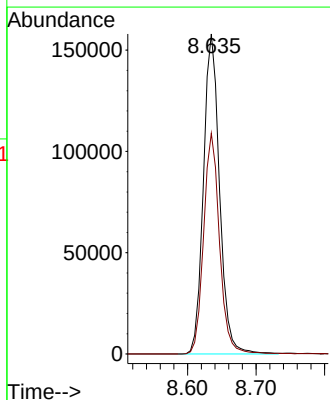
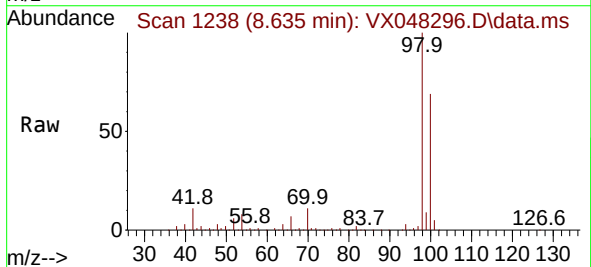
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STORAGE-BLANK-SOIL-REF-6

Tgt Ion:117 Resp: 13553  
Ion Ratio Lower Upper  
117 100  
119 4.9 77.2 115.8#  
121 0.0 24.8 37.2#

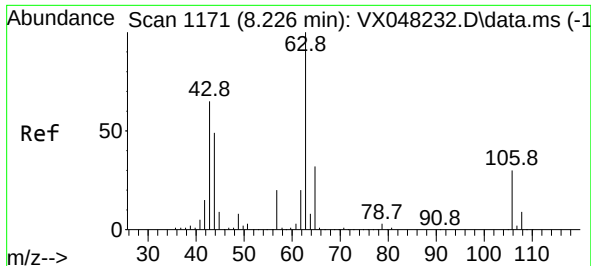


#50  
Toluene-d8  
Concen: 40.545 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. -0.000 min  
Lab File: VX048296.D  
Acq: 22 Oct 2025 14:27

Tgt Ion: 98 Resp: 258836  
Ion Ratio Lower Upper  
98 100  
100 68.0 53.0 79.4



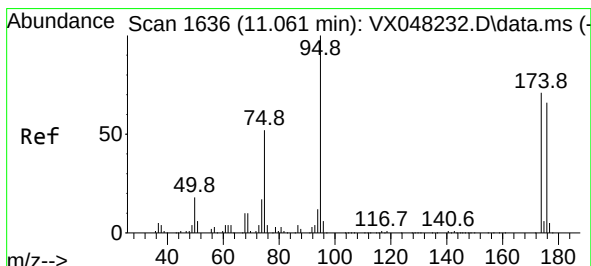
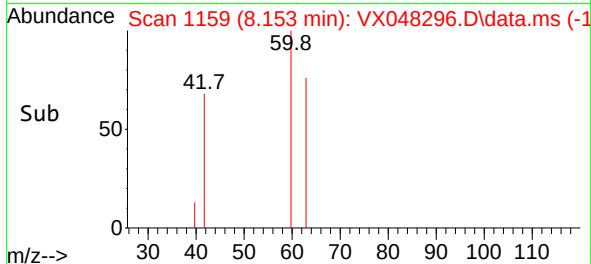
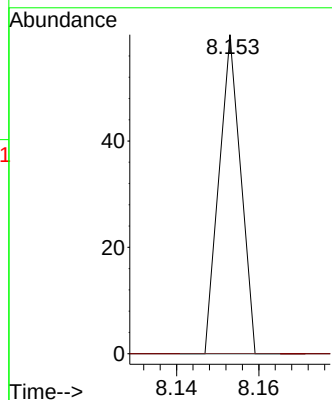
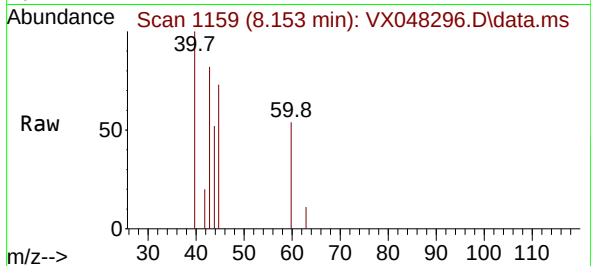




#58  
2-Chloroethyl Vinyl ether  
Concen: 1.713 ug/l  
RT: 8.153 min Scan# 1159  
Delta R.T. -0.073 min  
Lab File: VX048296.D  
Acq: 22 Oct 2025 14:27

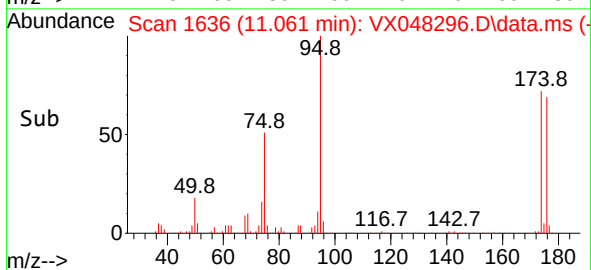
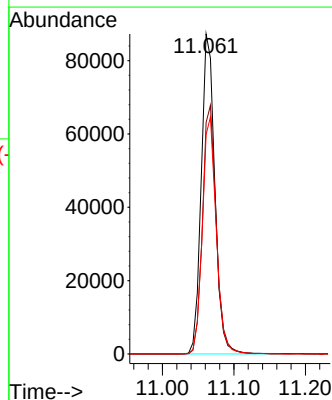
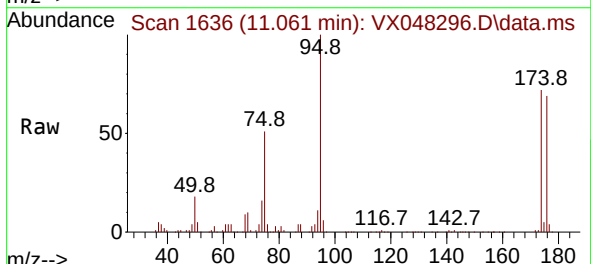
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

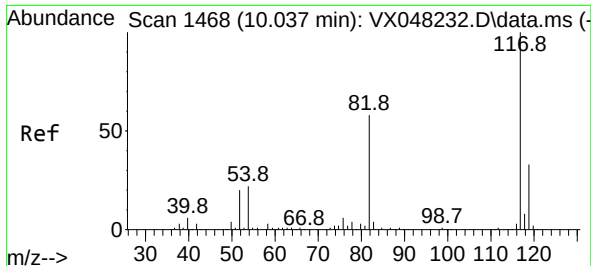
Tgt Ion: 63 Resp: 22  
Ion Ratio Lower Upper  
63 100  
106 0.0 22.2 33.2#



#62  
4-Bromofluorobenzene  
Concen: 47.487 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX048296.D  
Acq: 22 Oct 2025 14:27

Tgt Ion: 95 Resp: 115329  
Ion Ratio Lower Upper  
95 100  
174 78.6 0.0 147.8  
176 75.4 0.0 142.8

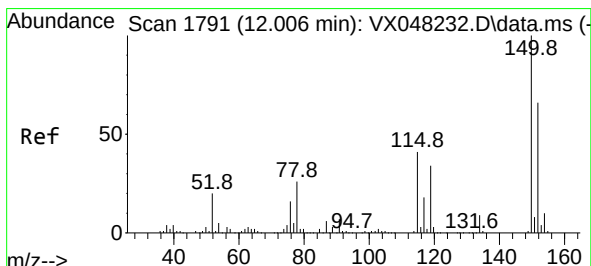
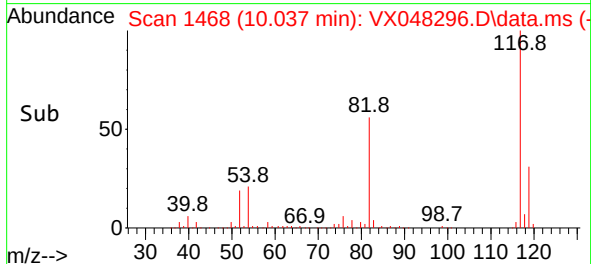
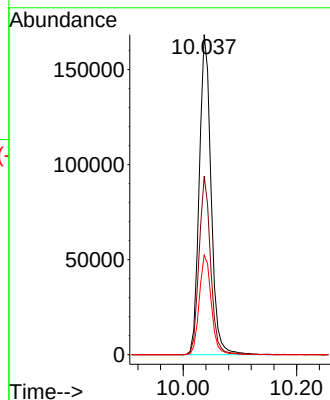
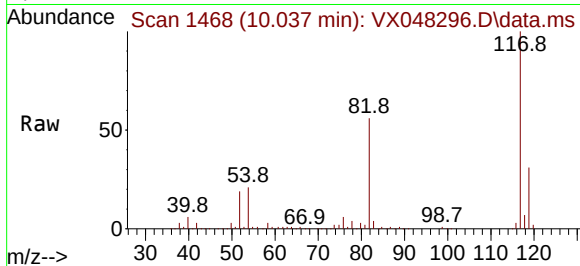




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048296.D  
Acq: 22 Oct 2025 14:27

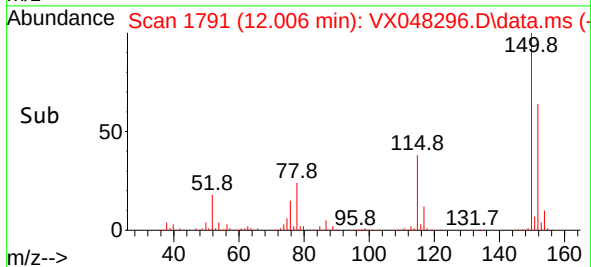
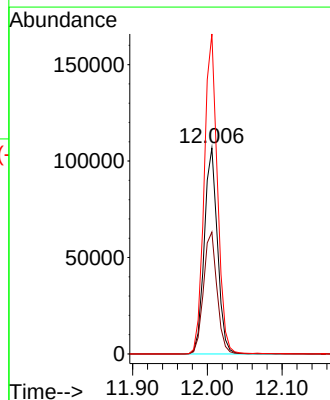
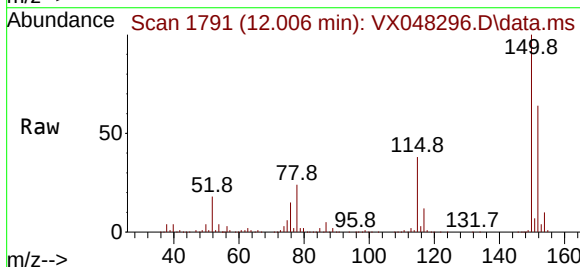
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

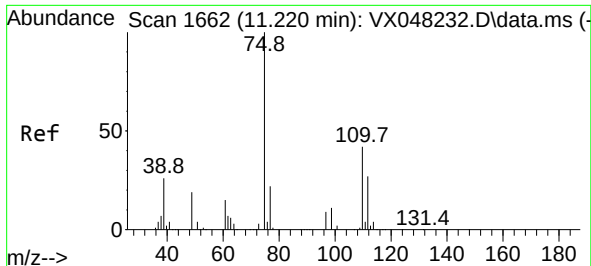
Tgt Ion:117 Resp: 242665  
Ion Ratio Lower Upper  
117 100  
82 55.8 46.5 69.7  
119 31.1 25.9 38.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VX048296.D  
Acq: 22 Oct 2025 14:27

Tgt Ion:152 Resp: 130816  
Ion Ratio Lower Upper  
152 100  
115 60.7 43.1 129.4  
150 155.7 0.0 353.0

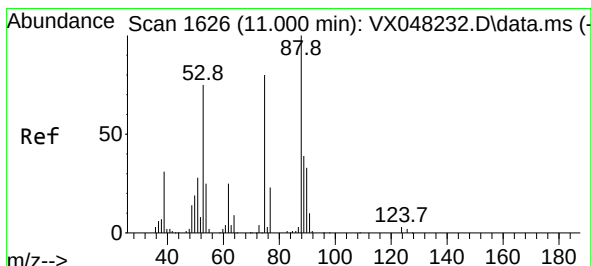
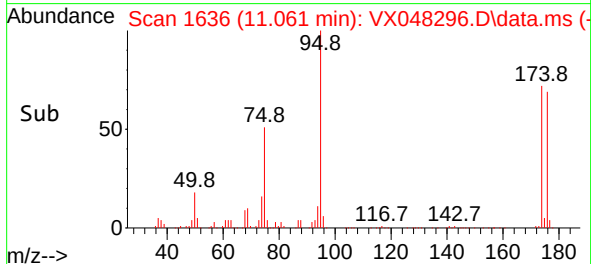
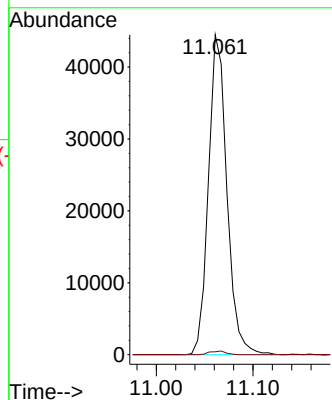
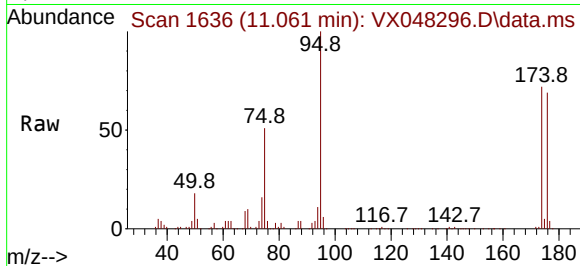




#76  
1,2,3-Trichloropropane  
Concen: 27.799 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.159 min  
Lab File: VX048296.D  
Acq: 22 Oct 2025 14:27

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

Tgt Ion: 75 Resp: 58973  
Ion Ratio Lower Upper  
75 100  
77 1.0 22.4 67.2#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 67.633 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. 0.061 min  
Lab File: VX048296.D  
Acq: 22 Oct 2025 14:27

Tgt Ion: 75 Resp: 58973  
Ion Ratio Lower Upper  
75 100  
53 0.0 79.5 119.3#  
89 0.0 36.8 55.2#

