

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN050922\  
 Data File : VN072377.D  
 Acq On : 09 May 2022 14:21  
 Operator : JC\MD  
 Sample : N2740-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 10 06:45:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 26 18:50:11 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 8.080          | 168  | 289032     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.963          | 114  | 546812     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.739         | 117  | 585839     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.668         | 152  | 228722     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.433          | 65   | 202477     | 45.631    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 61 - 141 |      | Recovery = | 91.260%   |        |          |
| 35) Dibromofluoromethane      | 8.016          | 113  | 164741     | 47.070    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 69 - 133 |      | Recovery = | 94.140%   |        |          |
| 50) Toluene-d8                | 10.433         | 98   | 693294     | 50.412    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 126 |      | Recovery = | 100.820%  |        |          |
| 62) 4-Bromofluorobenzene      | 12.727         | 95   | 271069     | 59.383    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 135 |      | Recovery = | 118.760%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        |          |
|                               |                |      |            |           | Qvalue |          |
| 3) Chloromethane              | 2.298          | 50   | 1774       | Below Cal | #      | 67       |
| 5) Bromomethane               | 2.857          | 94   | 868        | Below Cal | #      | 2        |
| 6) Chloroethane               | 3.022          | 64   | 534        | Below Cal | #      | 42       |
| 10) Methyl Iodide             | 4.416          | 142  | 842        | 0.232     | ug/l # | 23       |
| 11) Tert butyl alcohol        | 5.345          | 59   | 521        | 0.714     | ug/l # | 72       |
| 13) Acrolein                  | 4.045          | 56   | 266        | 0.362     | ug/l # | 63       |
| 15) Acrylonitrile             | 5.551          | 53   | 825        | 0.375     | ug/l # | 60       |
| 16) Acetone                   | 4.292          | 43   | 4108       | 2.147     | ug/l # | 56       |
| 17) Carbon Disulfide          | 4.528          | 76   | 393        | 0.423     | ug/l # | 75       |
| 18) Methyl Acetate            | 4.875          | 43   | 1377       | 0.218     | ug/l # | 48       |
| 20) Methylene Chloride        | 5.098          | 84   | 2251       | 0.614     | ug/l   | 90       |
| 25) 2-Butanone                | 7.333          | 43   | 1335       | 0.438     | ug/l # | 88       |
| 29) Tetrahydrofuran           | 7.686          | 42   | 646        | 0.323     | ug/l # | 50       |
| 31) Cyclohexane               | 8.080          | 56   | 6232       | 1.051     | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 8.086          | 75   | 23470      | 4.607     | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 8.080          | 117  | 30622      | 5.612     | ug/l # | 15       |
| 43) Isopropyl Acetate         | 8.551          | 43   | 111        | 0.811     | ug/l # | 53       |
| 49) 1,4-Dioxane               | 9.569          | 88   | 66         | 0.841     | ug/l # | 25       |
| 51) 4-Methyl-2-Pentanone      | 10.321         | 43   | 2378       | 0.373     | ug/l   | 88       |
| 56) Ethyl methacrylate        | 10.769         | 69   | 421        | 2.423     | ug/l # | 74       |
| 59) 2-Hexanone                | 11.086         | 43   | 5868       | 1.305     | ug/l   | 89       |
| 74) N-amyl acetate            | 12.380         | 43   | 3580       | 0.473     | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 12.815         | 83   | 656        | Below Cal | #      | 92       |
| 76) 1,2,3-Trichloropropane    | 12.727         | 75   | 136702     | 26.581    | ug/l # | 1        |
| 81) trans-1,4-Dichloro-2-b... | 12.727         | 75   | 136702     | 69.107    | ug/l # | 10       |
| 87) 1,3-Dichlorobenzene       | 13.610         | 146  | 1833       | 0.237     | ug/l   | 85       |
| 88) 1,4-Dichlorobenzene       | 13.610         | 146  | 1833       | 0.244     | ug/l   | 84       |
| 89) n-Butylbenzene            | 13.933         | 91   | 3760       | 0.327     | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.986         | 146  | 1899       | 0.249     | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.604         | 75   | 580        | 0.415     | ug/l # | 34       |
| 93) 1,2,4-Trichlorobenzene    | 15.262         | 180  | 2647       | 3.135     | ug/l   | 94       |
| 95) Naphthalene               | 15.498         | 128  | 9454       | 5.029     | ug/l # | 89       |
| 96) 1,2,3-Trichlorobenzene    | 15.686         | 180  | 2737       | 3.411     | ug/l   | 96       |
| -----                         |                |      |            |           |        |          |

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

**Instrument :**

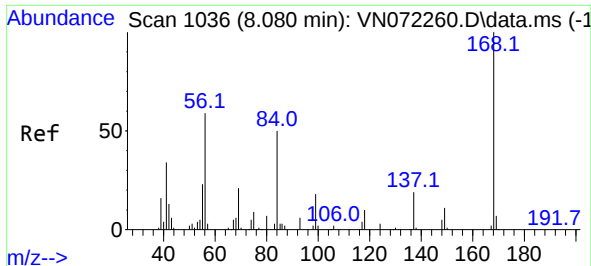
MSVOA\_N

**ClientSampleId :**

STORAGE-BLANK-SOIL-REF-6

Quant Time: May 10 06:45:29 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042622W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 26 18:50:11 2022  
Response via : Initial Calibration

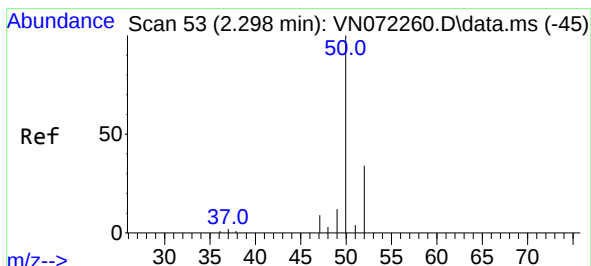
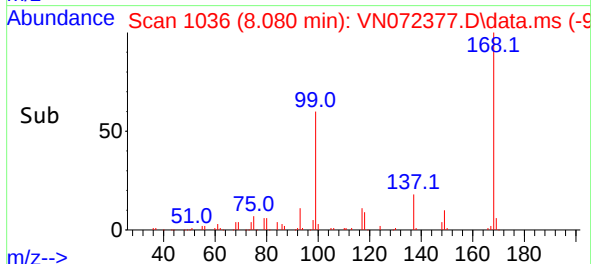
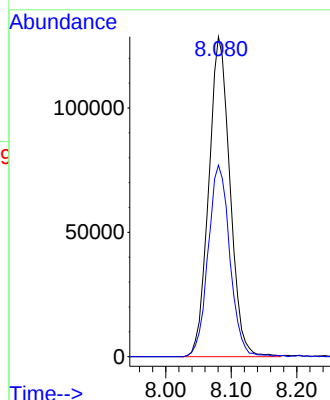
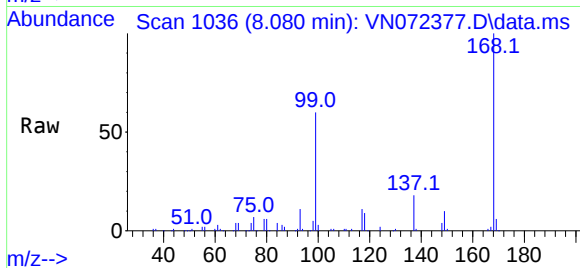




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.080 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

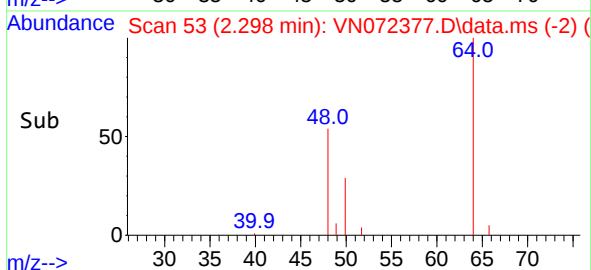
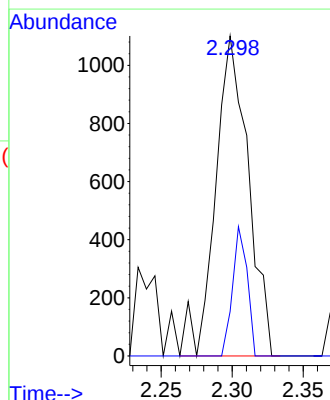
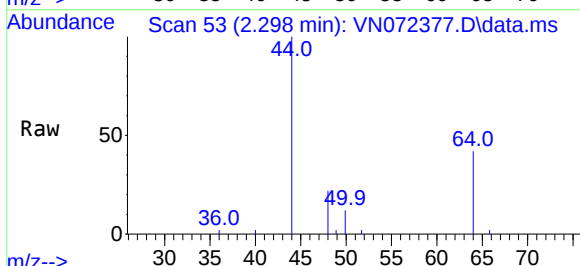
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

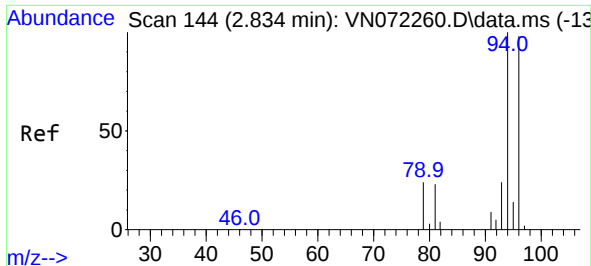
Tgt Ion:168 Resp: 289032  
Ion Ratio Lower Upper  
168 100  
99 59.9 42.3 63.5



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.298 min Scan# 53  
Delta R.T. -0.001 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 50 Resp: 1774  
Ion Ratio Lower Upper  
50 100  
52 13.9 25.7 38.5#

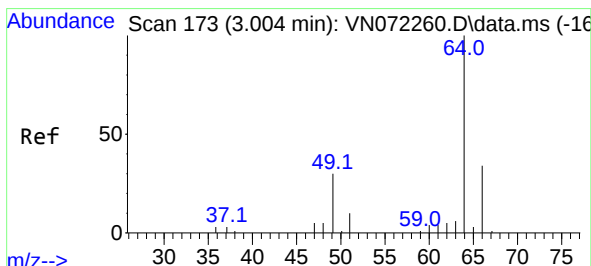
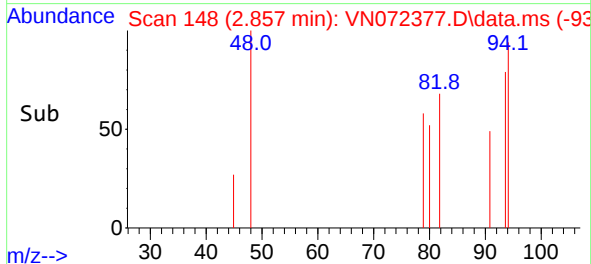
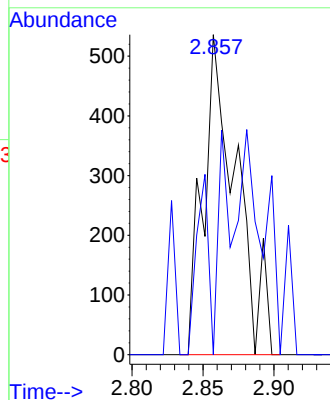
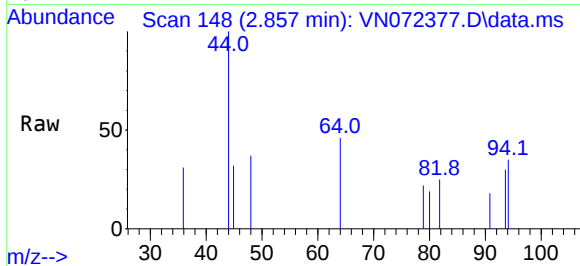




#5  
Bromomethane  
Concen: Below Cal  
RT: 2.857 min Scan# 144  
Delta R.T. 0.023 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

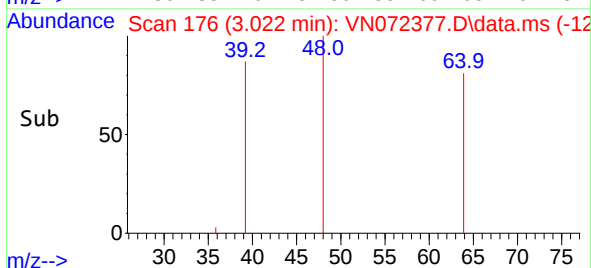
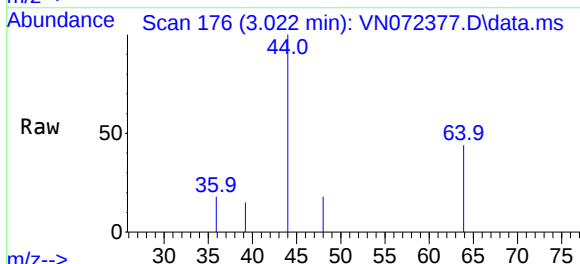
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

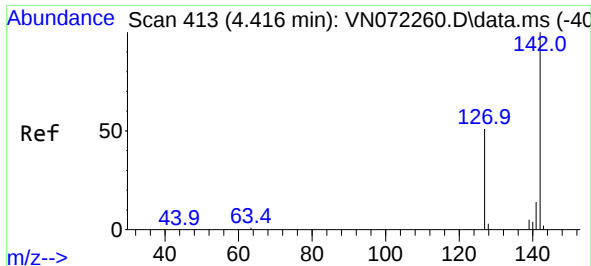
Tgt Ion: 94 Resp: 868  
Ion Ratio Lower Upper  
94 100  
96 0.0 76.0 114.0#



#6  
Chloroethane  
Concen: Below Cal  
RT: 3.022 min Scan# 176  
Delta R.T. 0.017 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 64 Resp: 534  
Ion Ratio Lower Upper  
64 100  
66 0.0 26.2 39.4#

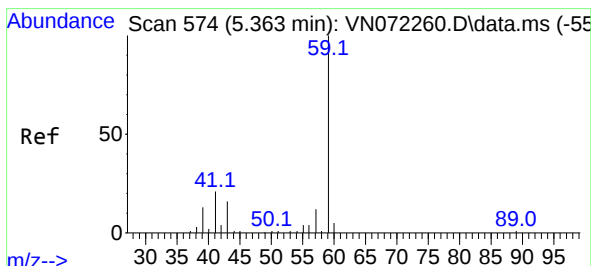
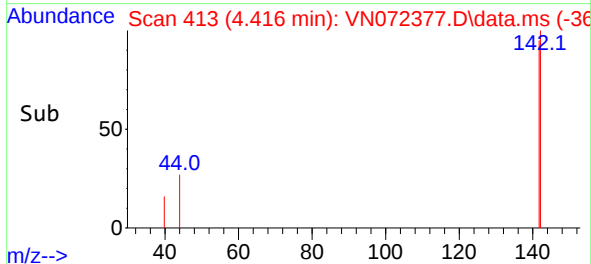
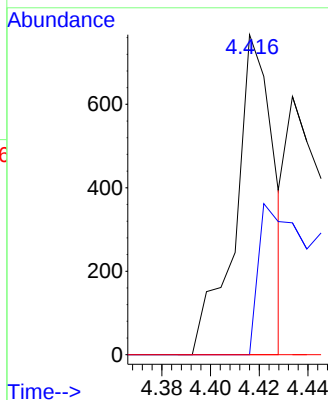
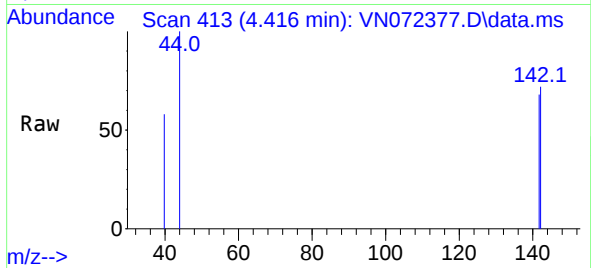




#10  
Methyl Iodide  
Concen: 0.232 ug/l  
RT: 4.416 min Scan# 413  
Delta R.T. -0.006 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

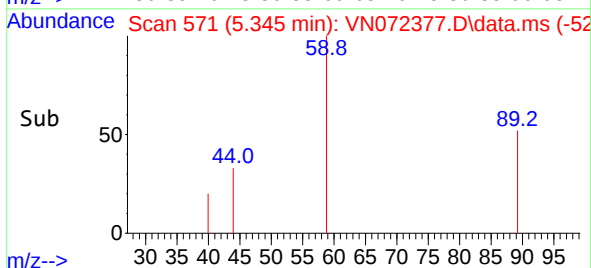
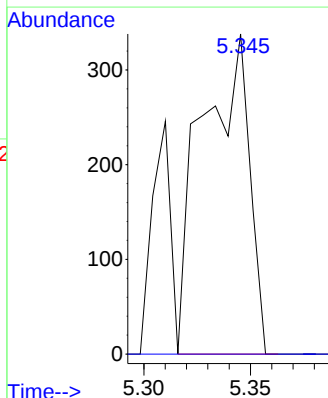
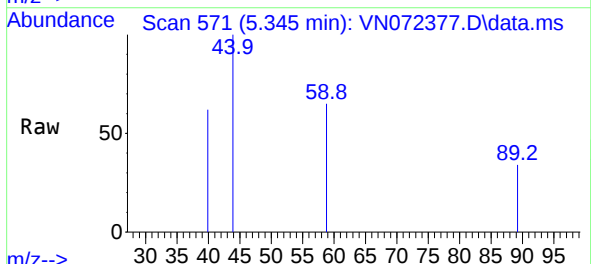
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

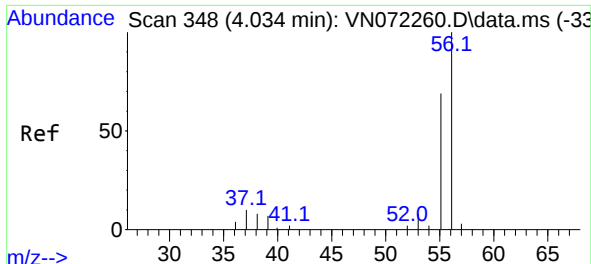
Tgt Ion:142 Resp: 842  
Ion Ratio Lower Upper  
142 100  
127 95.2 31.3 46.9#  
141 0.0 11.2 16.8#



#11  
Tert butyl alcohol  
Concen: 0.714 ug/l  
RT: 5.345 min Scan# 571  
Delta R.T. -0.018 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 59 Resp: 521  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#

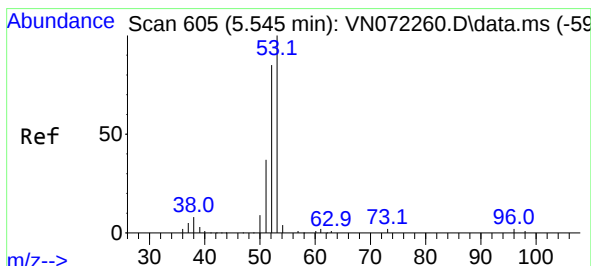
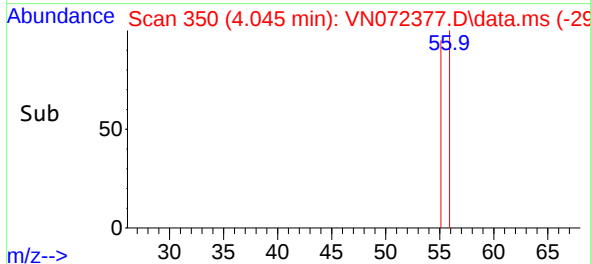
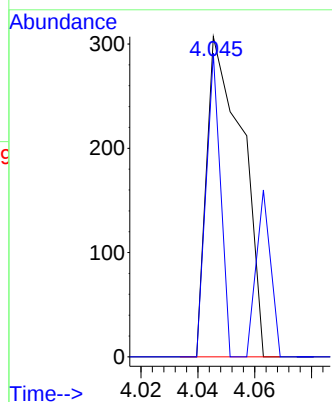
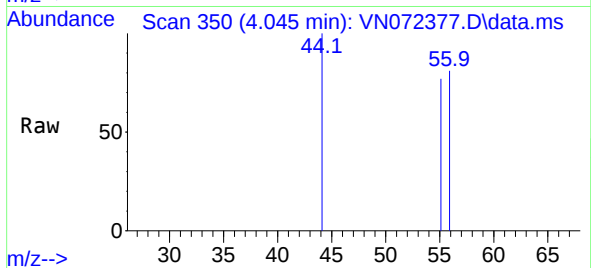




#13  
Acrolein  
Concen: 0.362 ug/l  
RT: 4.045 min Scan# 31  
Delta R.T. 0.005 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

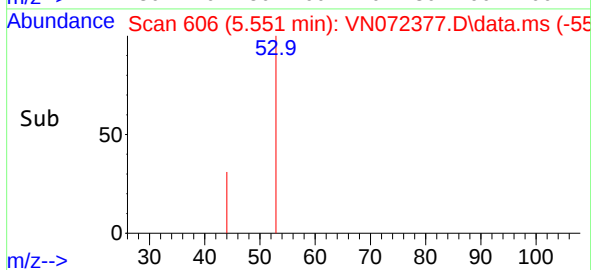
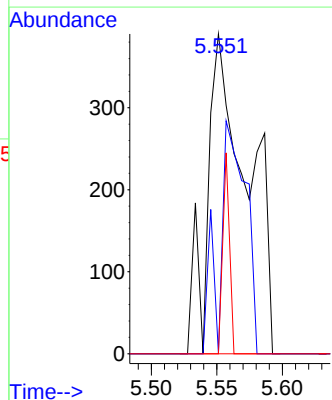
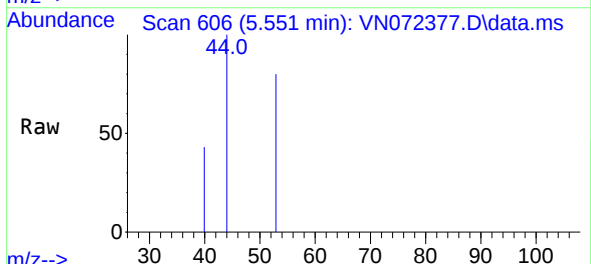
Instrument :  
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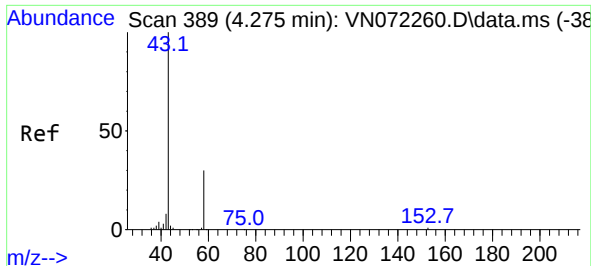
Tgt Ion: 56 Resp: 266  
Ion Ratio Lower Upper  
56 100  
55 38.7 54.8 82.2#



#15  
Acrylonitrile  
Concen: 0.375 ug/l  
RT: 5.551 min Scan# 606  
Delta R.T. 0.005 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 53 Resp: 825  
Ion Ratio Lower Upper  
53 100  
52 48.1 66.4 99.6#  
51 10.4 28.5 42.7#

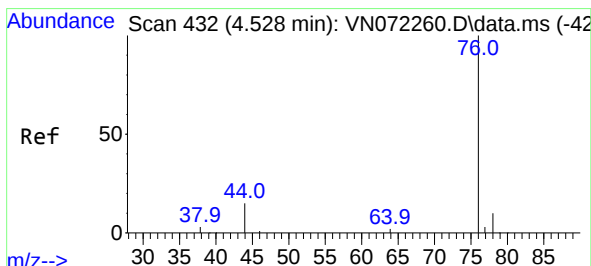
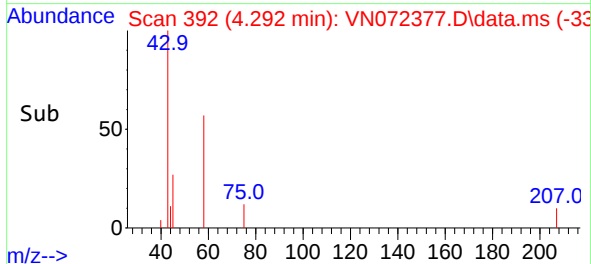
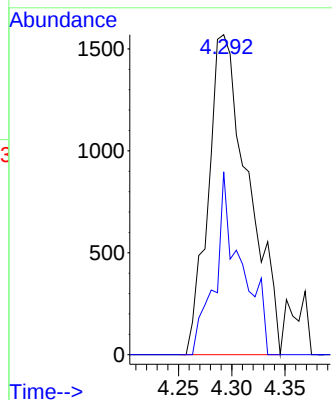
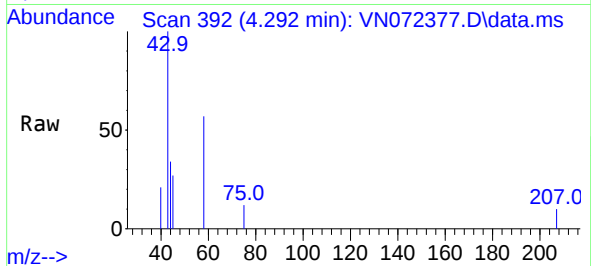




#16  
Acetone  
Concen: 2.147 ug/l  
RT: 4.292 min Scan# 392  
Delta R.T. 0.011 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

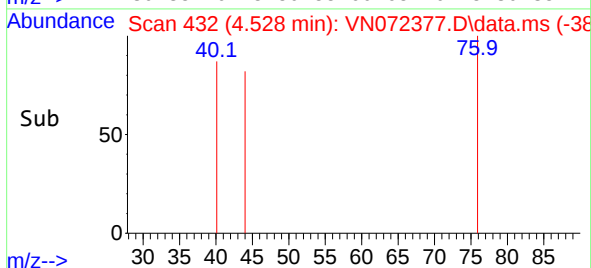
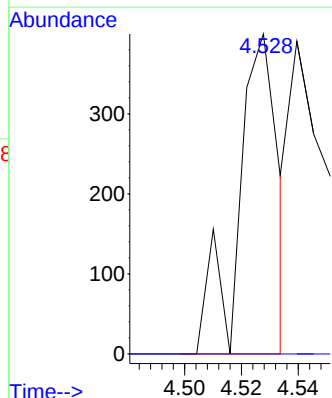
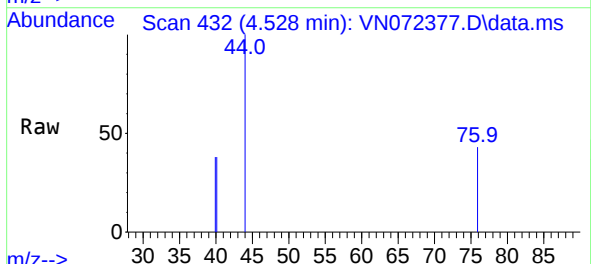
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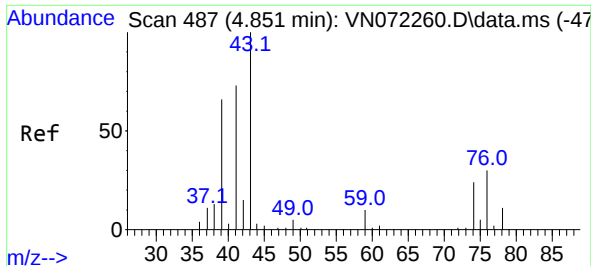
Tgt Ion: 43 Resp: 4108  
Ion Ratio Lower Upper  
43 100  
58 57.1 26.0 39.0#



#17  
Carbon Disulfide  
Concen: 0.423 ug/l  
RT: 4.528 min Scan# 432  
Delta R.T. -0.006 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 76 Resp: 393  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.2 10.8#

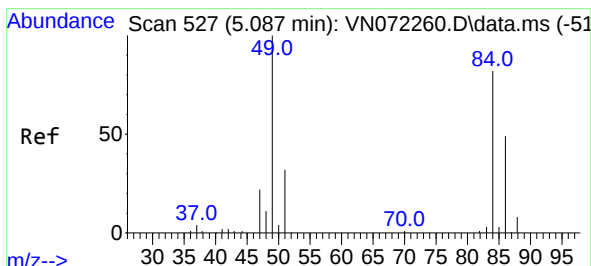
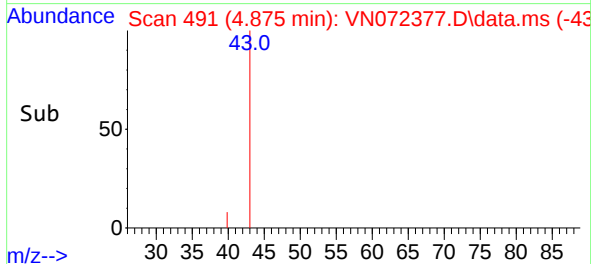
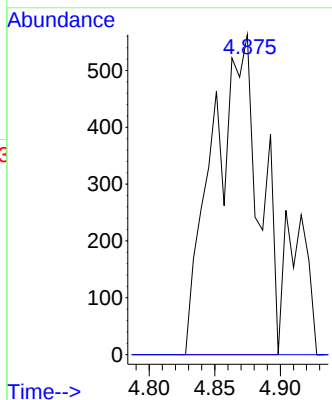
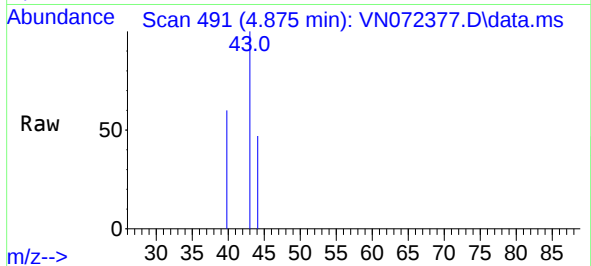




#18  
Methyl Acetate  
Concen: 0.218 ug/l  
RT: 4.875 min Scan# 491  
Delta R.T. 0.024 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

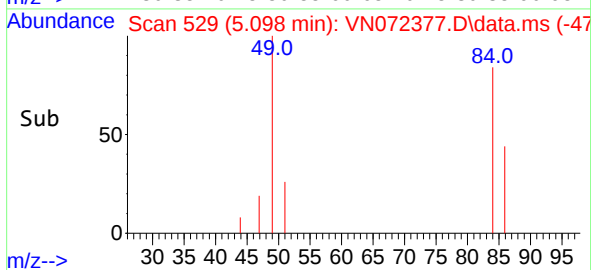
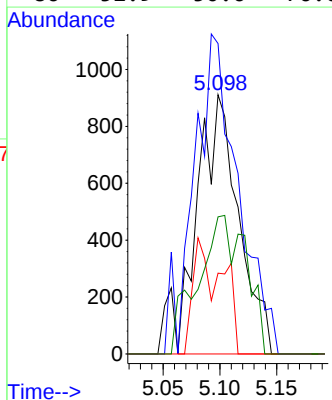
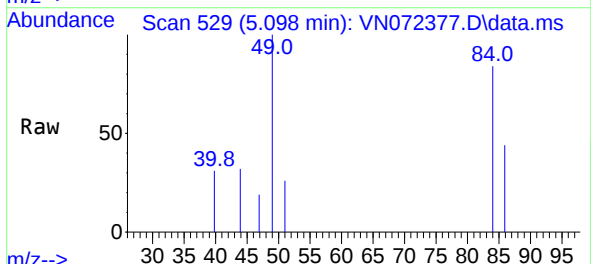
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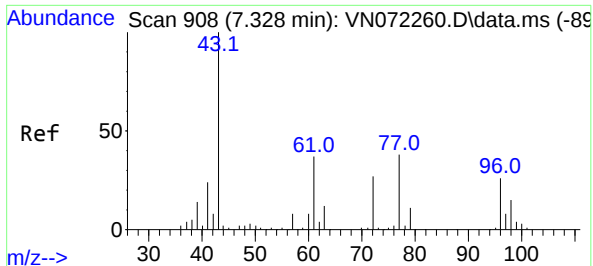
Tgt Ion: 43 Resp: 1377  
Ion Ratio Lower Upper  
43 100  
74 0.0 21.6 32.4#



#20  
Methylene Chloride  
Concen: 0.614 ug/l  
RT: 5.098 min Scan# 529  
Delta R.T. 0.011 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 84 Resp: 2251  
Ion Ratio Lower Upper  
84 100  
49 119.8 88.3 132.5  
51 31.2 28.2 42.2  
86 52.9 50.6 76.0





#25

2-Butanone

Concen: 0.438 ug/l

RT: 7.333 min Scan# 908

Delta R.T. 0.005 min

Lab File: VN072377.D

Acq: 09 May 2022 14:21

Instrument :

MSVOA\_N

ClientSampleId :

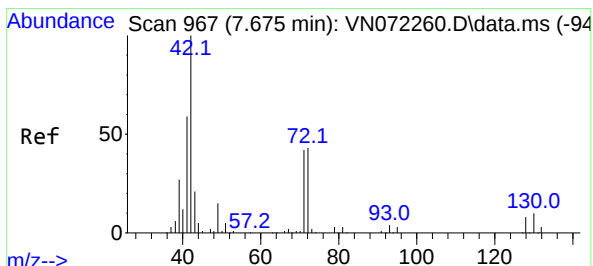
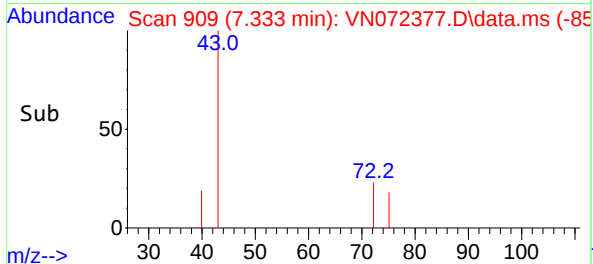
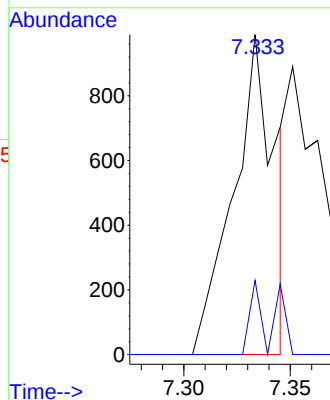
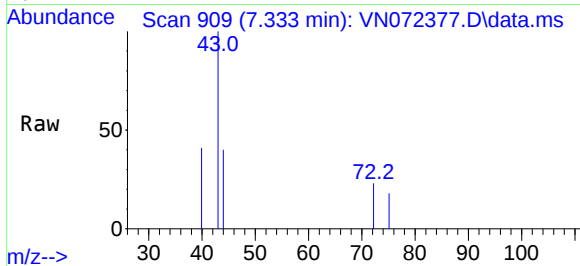
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

43 100

72 23.2 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.323 ug/l

RT: 7.686 min Scan# 969

Delta R.T. 0.005 min

Lab File: VN072377.D

Acq: 09 May 2022 14:21

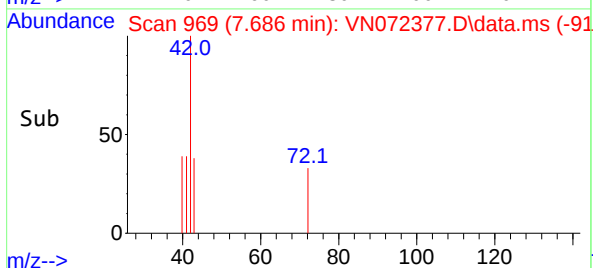
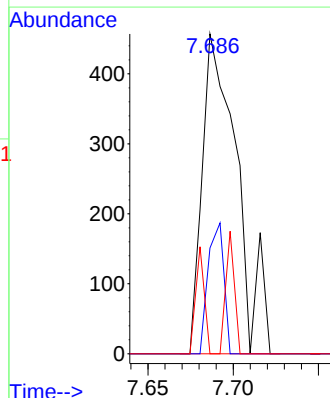
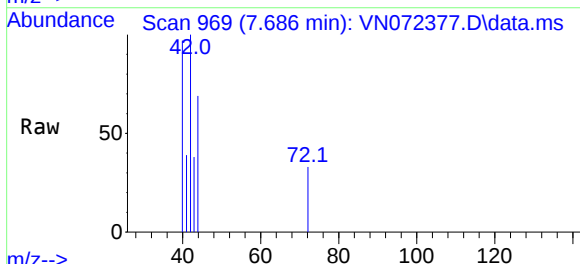
Tgt Ion: 42 Resp: 646

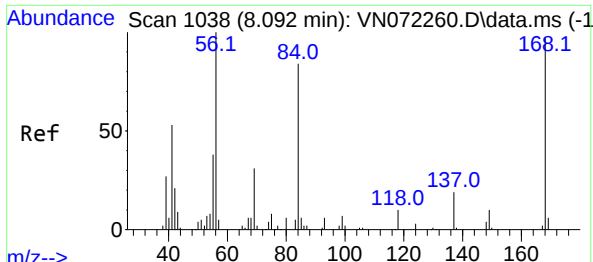
Ion Ratio Lower Upper

42 100

72 18.4 39.7 59.5#

71 9.6 36.6 55.0#

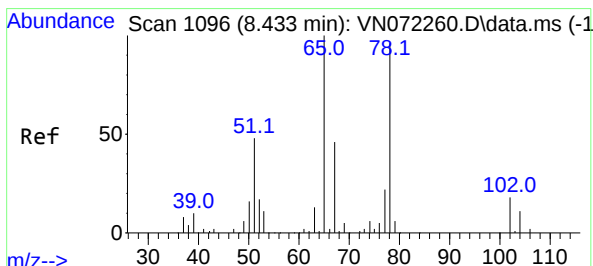
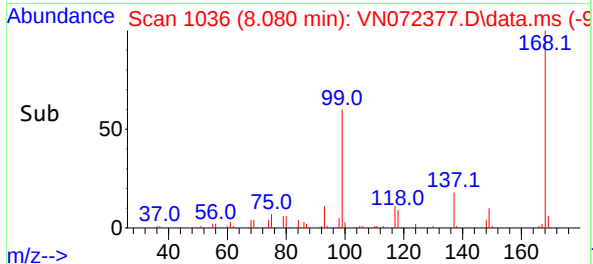
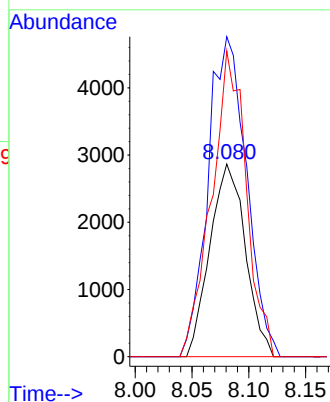
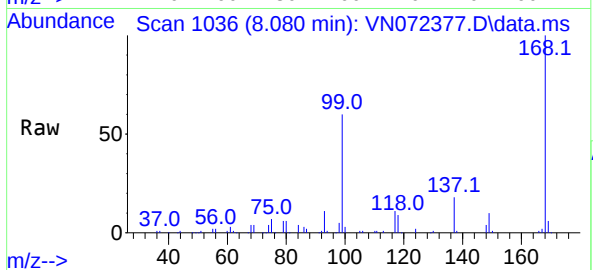




#31  
Cyclohexane  
Concen: 1.051 ug/l  
RT: 8.080 min Scan# 1036  
Delta R.T. -0.012 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

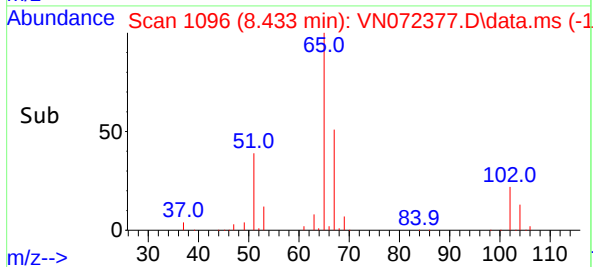
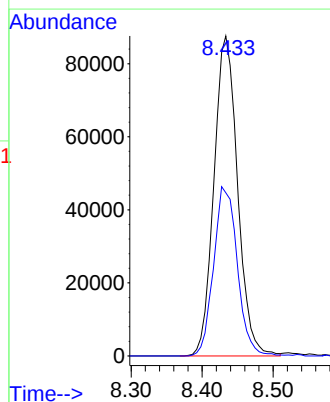
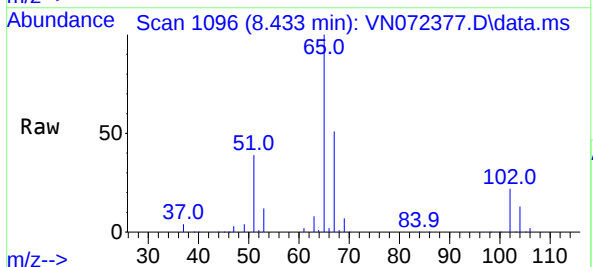
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MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

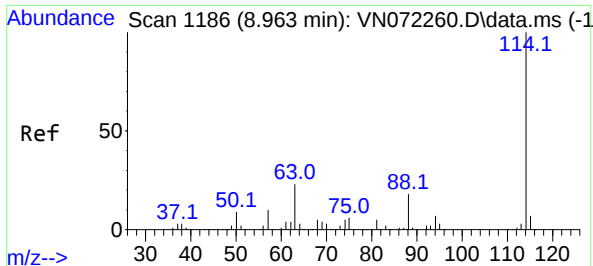
Tgt Ion: 56 Resp: 6232  
Ion Ratio Lower Upper  
56 100  
69 166.1 27.8 41.8#  
84 158.6 76.9 115.3#



#33  
1,2-Dichloroethane-d4  
Concen: 45.631 ug/l  
RT: 8.433 min Scan# 1096  
Delta R.T. -0.001 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 65 Resp: 202477  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 104.8

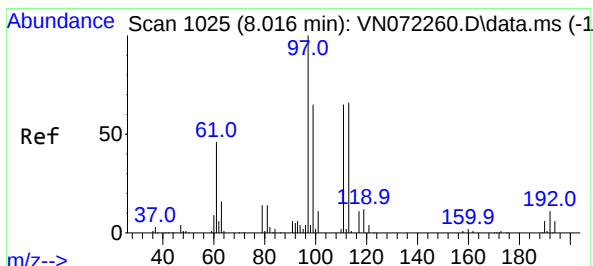
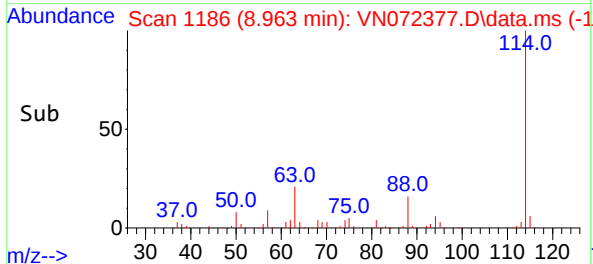
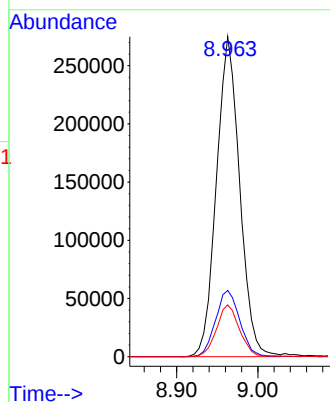
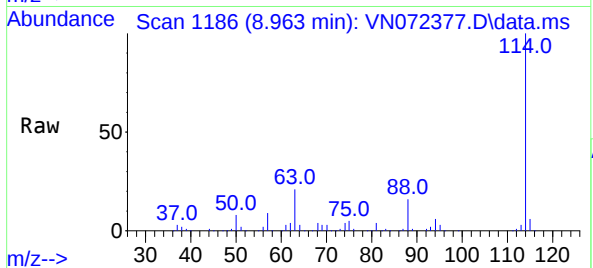




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.963 min Scan# 1186  
Delta R.T. -0.000 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

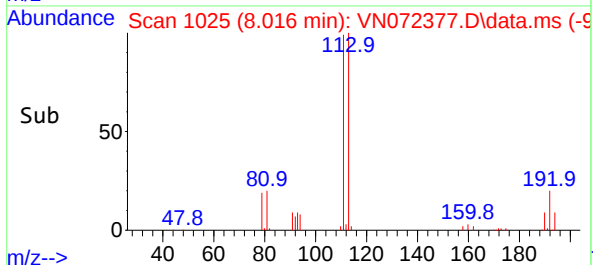
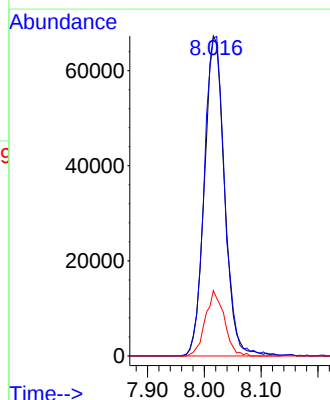
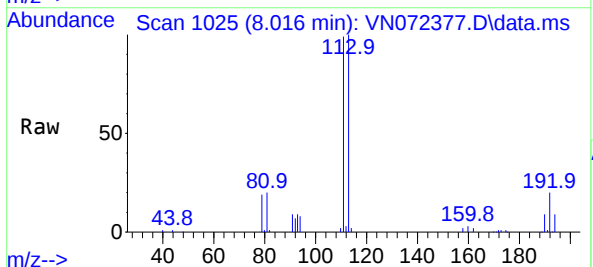
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MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

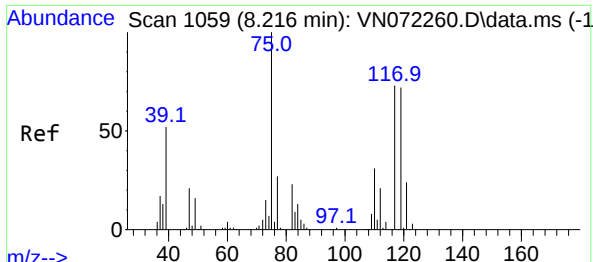
Tgt Ion:114 Resp: 546812  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 40.0  
88 16.2 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 47.070 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. -0.000 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion:113 Resp: 164741  
Ion Ratio Lower Upper  
113 100  
111 101.8 81.4 122.0  
192 19.3 17.0 25.6

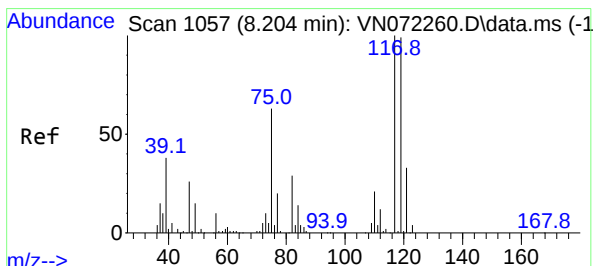
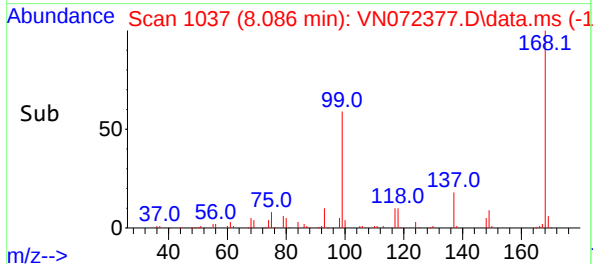
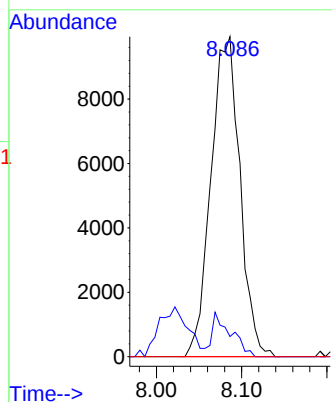
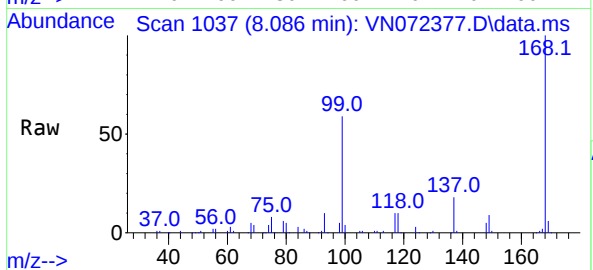




#36  
1,1-Dichloropropene  
Concen: 4.607 ug/l  
RT: 8.086 min Scan# 1037  
Delta R.T. -0.130 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

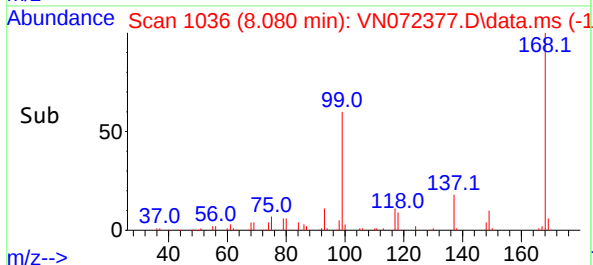
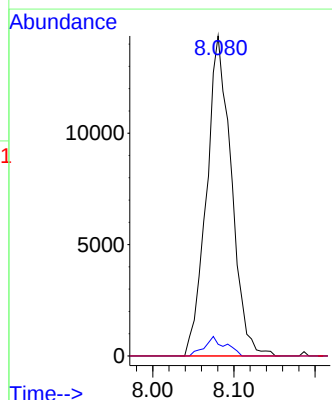
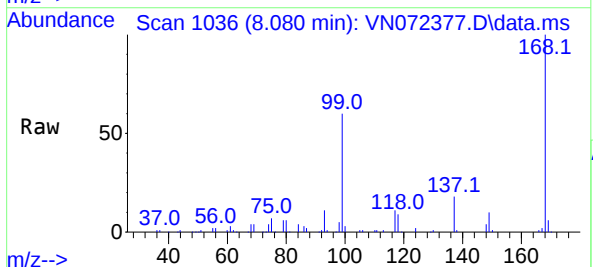
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

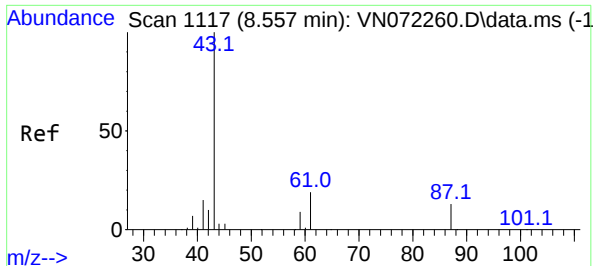
Tgt Ion: 75 Resp: 23470  
Ion Ratio Lower Upper  
75 100  
110 9.3 18.3 54.8#  
77 0.0 25.1 37.7#



#38  
Carbon Tetrachloride  
Concen: 5.612 ug/l  
RT: 8.080 min Scan# 1036  
Delta R.T. -0.124 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 117 Resp: 30622  
Ion Ratio Lower Upper  
117 100  
119 3.6 75.8 113.8#  
121 0.0 24.6 37.0#

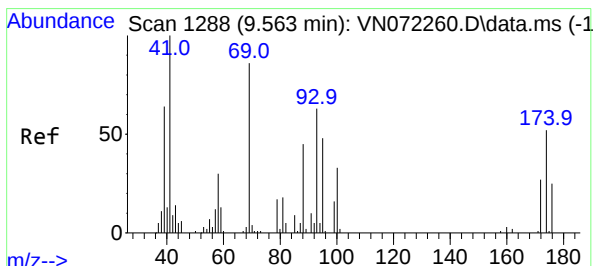
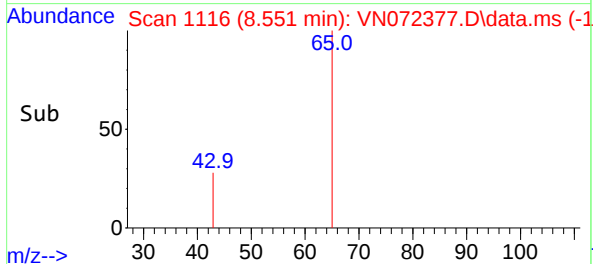
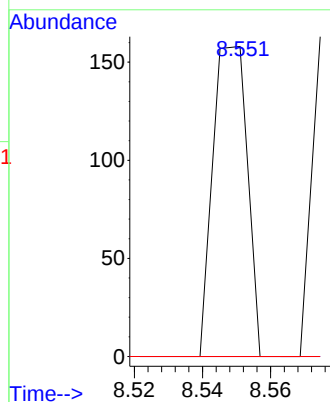
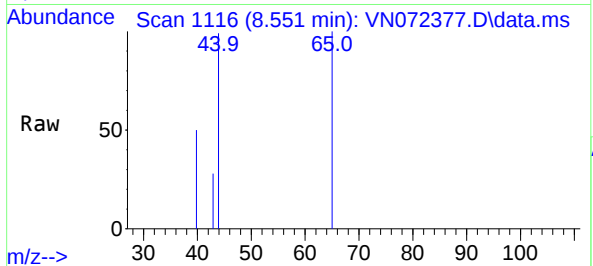




#43  
Isopropyl Acetate  
Concen: 0.811 ug/l  
RT: 8.551 min Scan# 1116  
Delta R.T. -0.006 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

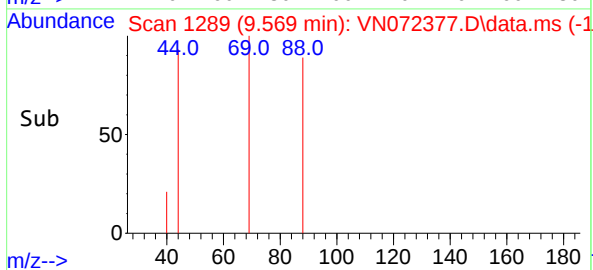
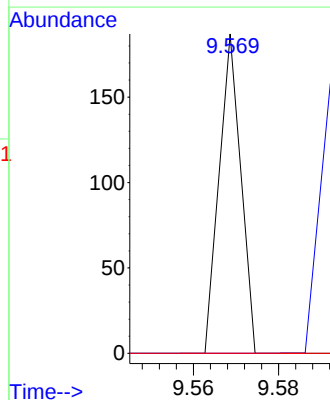
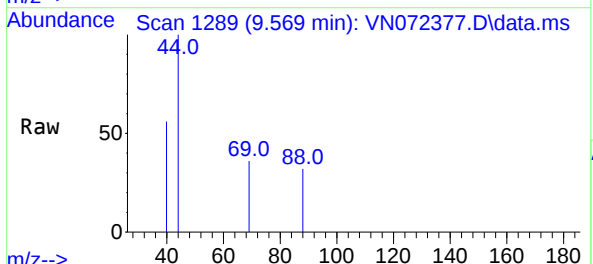
Instrument : MSVOA\_N  
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

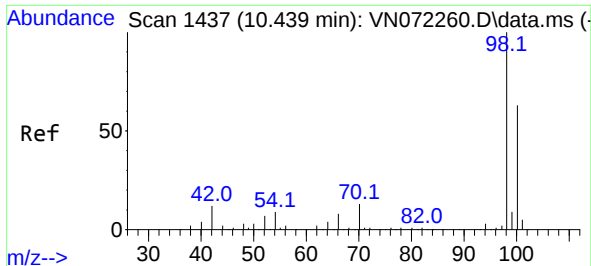
Tgt Ion: 43 Resp: 111  
Ion Ratio Lower Upper  
43 100  
61 0.0 21.9 32.9#  
87 0.0 12.0 18.0#



#49  
1,4-Dioxane  
Concen: 0.841 ug/l  
RT: 9.569 min Scan# 1289  
Delta R.T. 0.006 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 88 Resp: 66  
Ion Ratio Lower Upper  
88 100  
43 0.0 20.2 30.4#  
58 0.0 54.2 81.4#

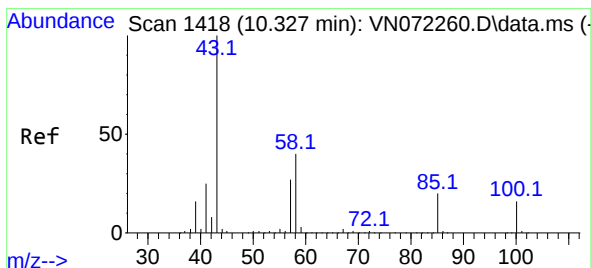
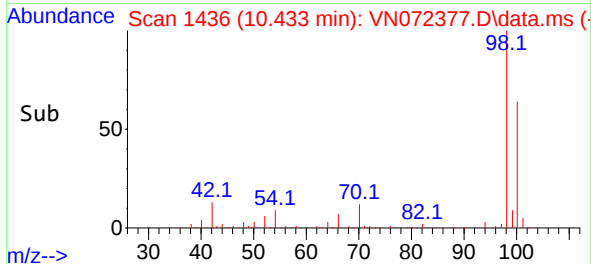
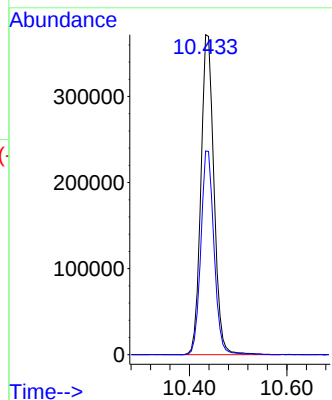
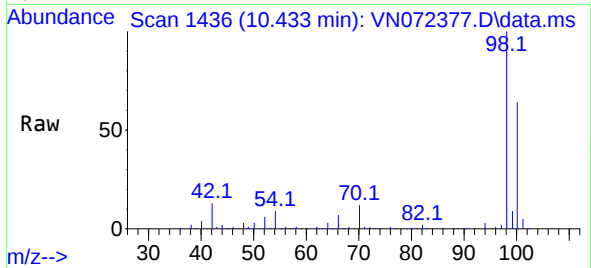




#50  
Toluene-d8  
Concen: 50.412 ug/l  
RT: 10.433 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

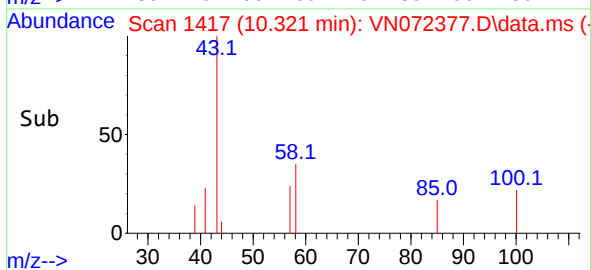
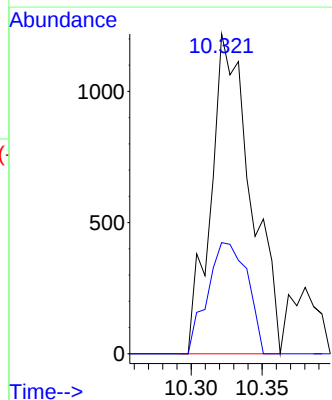
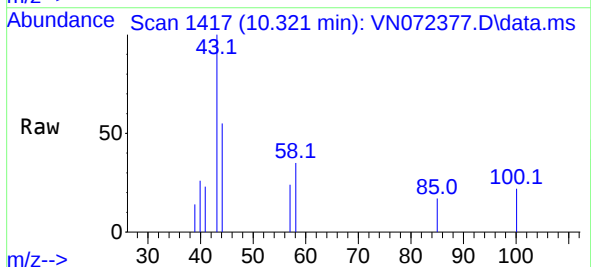
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MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

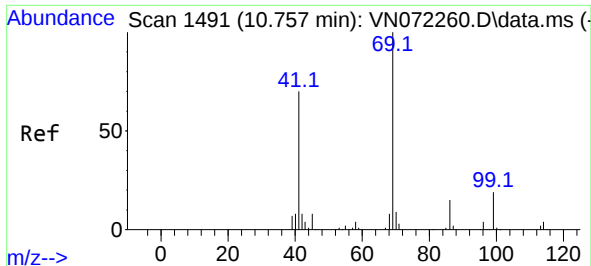
Tgt Ion: 98 Resp: 693294  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 0.373 ug/l  
RT: 10.321 min Scan# 1417  
Delta R.T. -0.007 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 43 Resp: 2378  
Ion Ratio Lower Upper  
43 100  
58 34.8 34.1 51.1

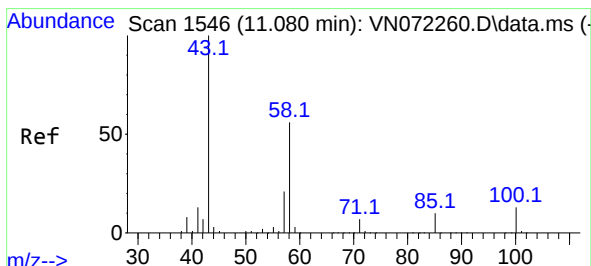
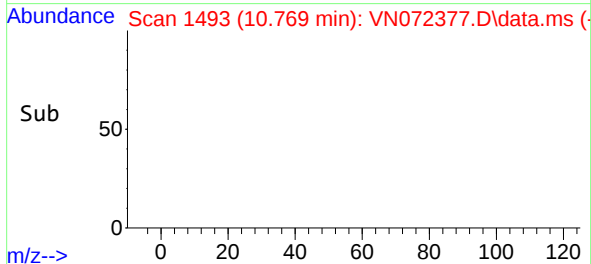
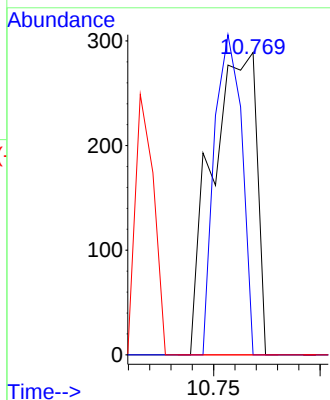
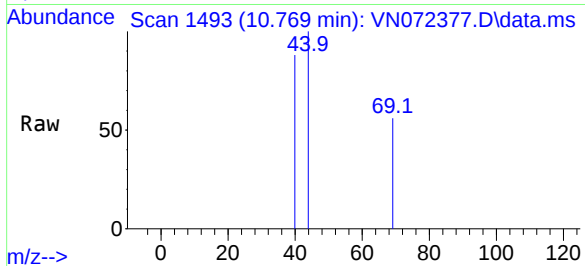




#56  
Ethyl methacrylate  
Concen: 2.423 ug/l  
RT: 10.769 min Scan# 1493  
Delta R.T. 0.012 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

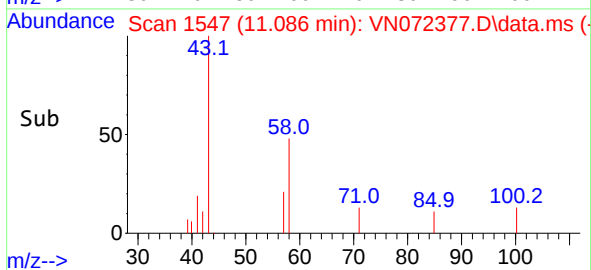
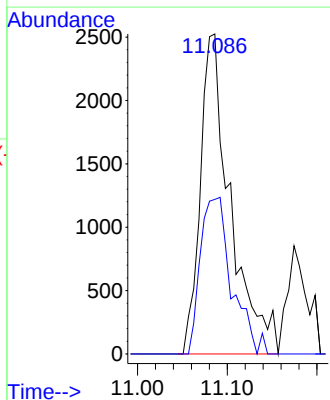
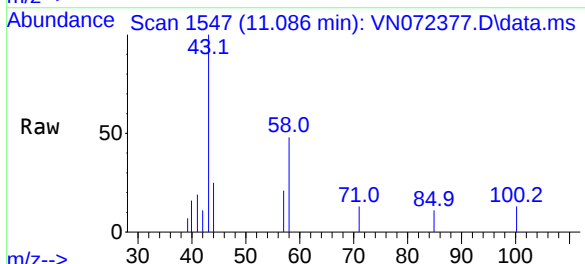
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

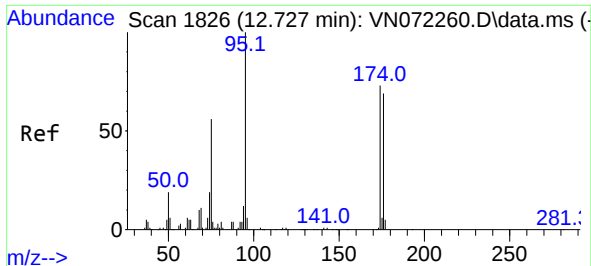
Tgt Ion: 69 Resp: 421  
Ion Ratio Lower Upper  
69 100  
41 64.6 47.8 71.6  
39 0.0 27.3 40.9#



#59  
2-Hexanone  
Concen: 1.305 ug/l  
RT: 11.086 min Scan# 1547  
Delta R.T. 0.005 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 43 Resp: 5868  
Ion Ratio Lower Upper  
43 100  
58 51.0 29.7 89.1

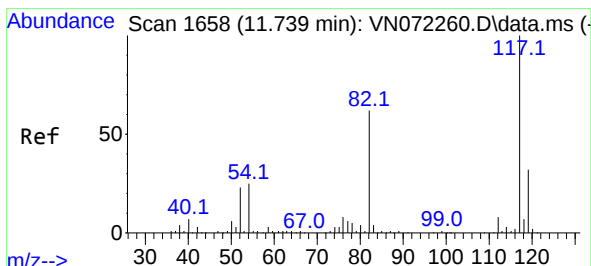
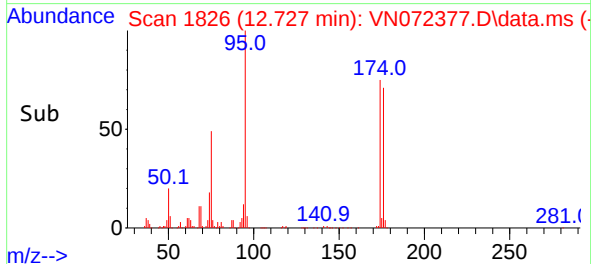
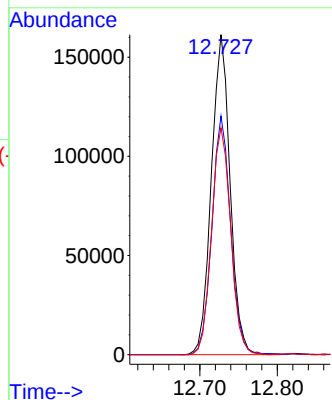
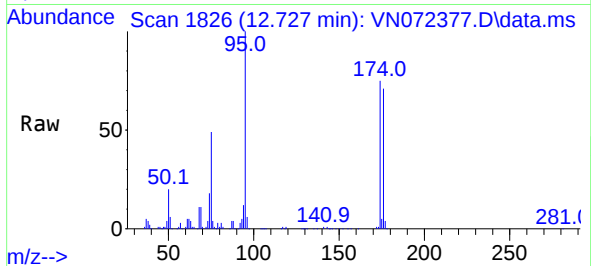




#62  
4-Bromofluorobenzene  
Concen: 59.383 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

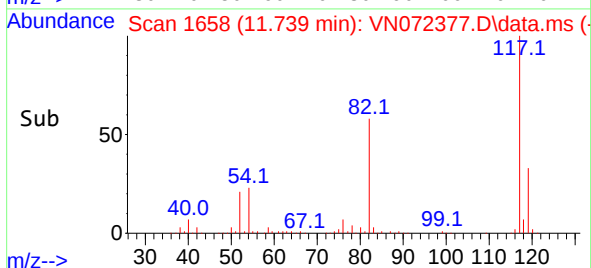
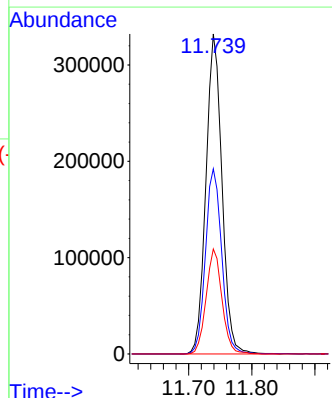
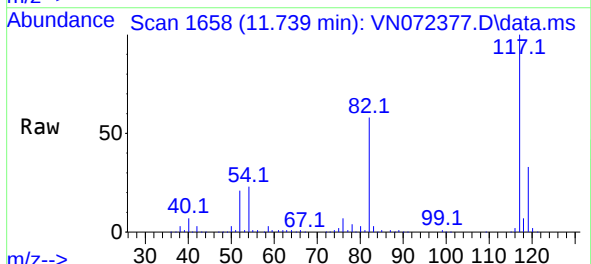
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

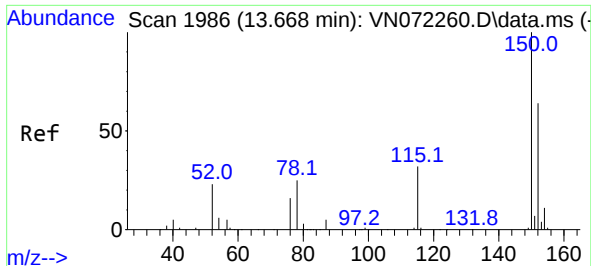
Tgt Ion: 95 Resp: 271069  
Ion Ratio Lower Upper  
95 100  
174 74.6 0.0 167.6  
176 72.2 0.0 163.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 117 Resp: 585839  
Ion Ratio Lower Upper  
117 100  
82 57.9 44.2 66.2  
119 32.8 25.4 38.0

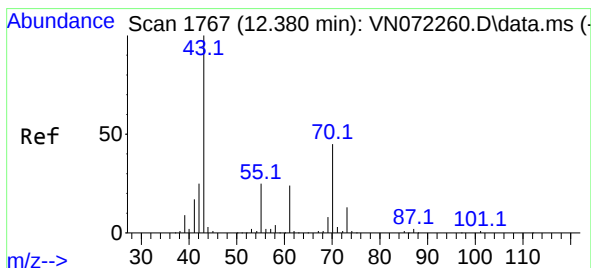
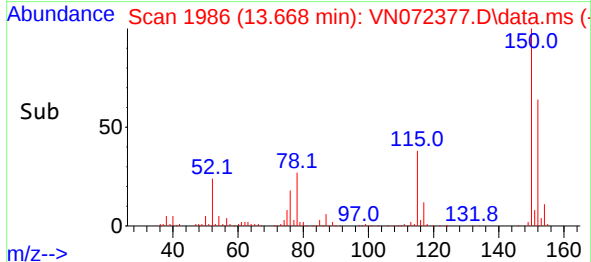
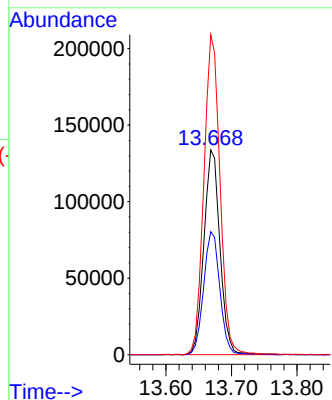
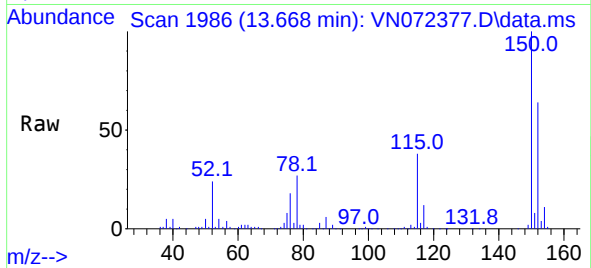




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

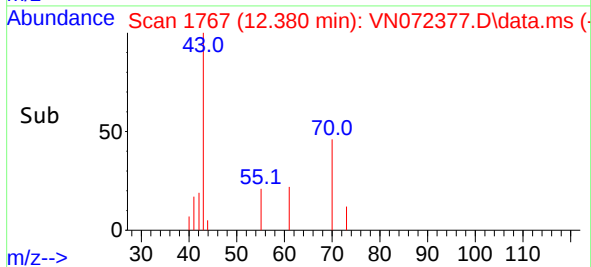
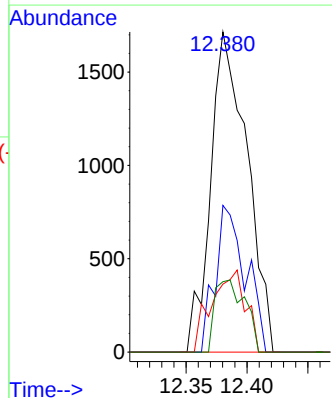
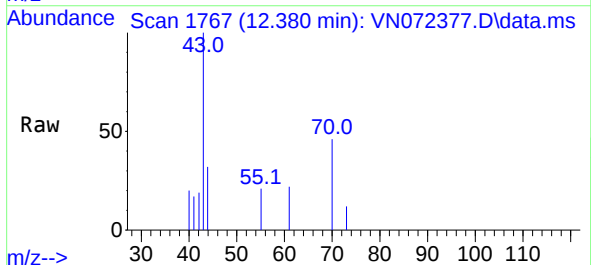
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

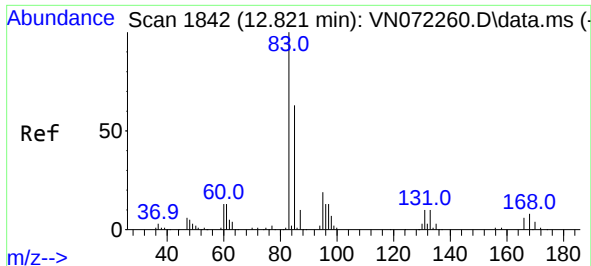
Tgt Ion:152 Resp: 228722  
Ion Ratio Lower Upper  
152 100  
115 60.6 28.9 86.7  
150 156.8 0.0 356.2



#74  
N-ethyl acetate  
Concen: 0.473 ug/l  
RT: 12.380 min Scan# 1767  
Delta R.T. 0.000 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 43 Resp: 3580  
Ion Ratio Lower Upper  
43 100  
70 38.0 39.0 58.4#  
55 23.8 21.1 31.7  
61 18.5 21.1 31.7#

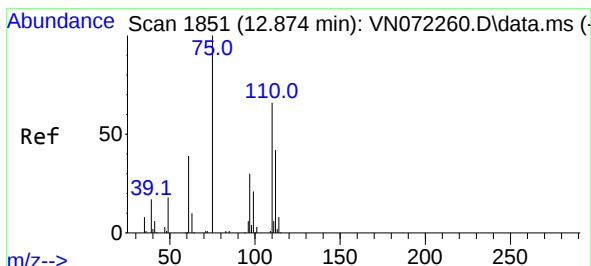
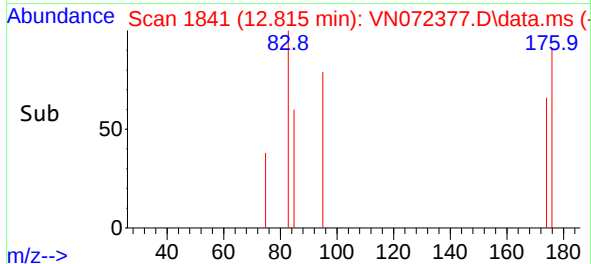
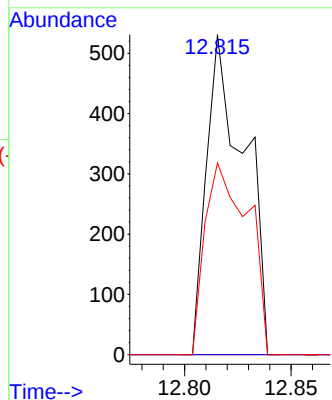
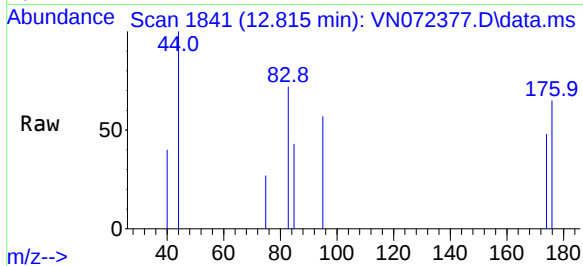




#75  
1,1,2,2-Tetrachloroethane  
Concen: Below Cal  
RT: 12.815 min Scan# 1842  
Delta R.T. -0.007 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

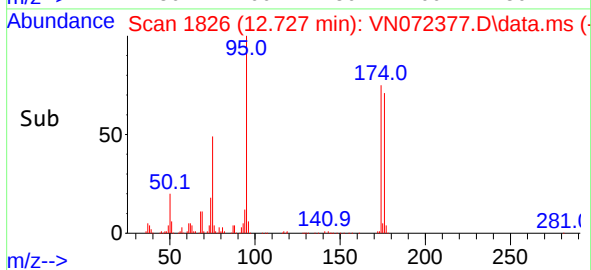
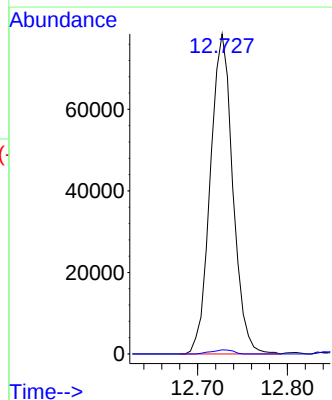
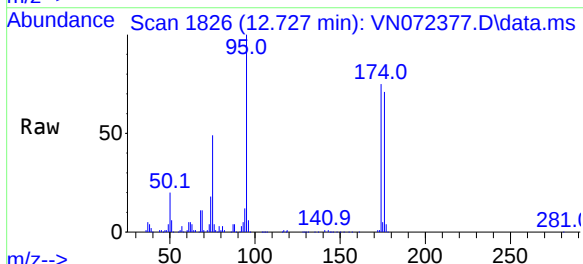
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

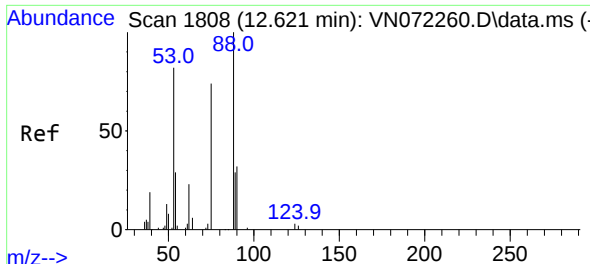
Tgt Ion: 83 Resp: 656  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.3 15.9#  
85 68.6 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 26.581 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. -0.147 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 75 Resp: 136702  
Ion Ratio Lower Upper  
75 100  
77 1.2 98.5 295.5#

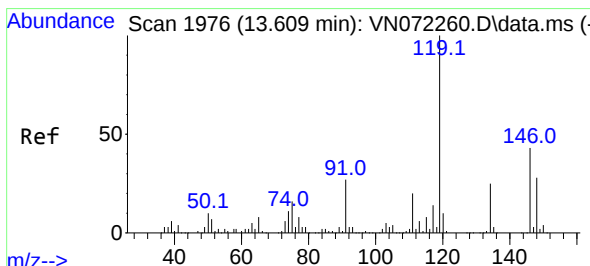
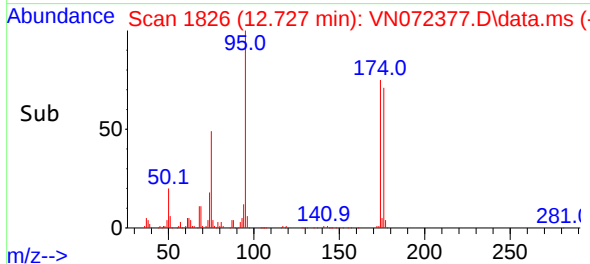
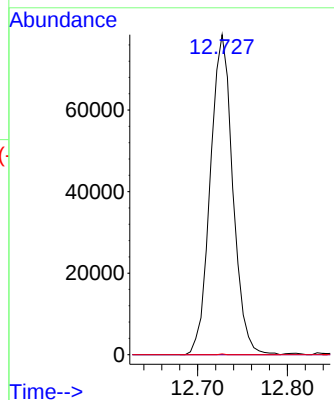
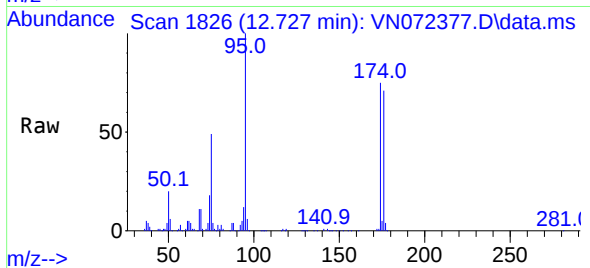




#81  
trans-1,4-Dichloro-2-butene  
Concen: 69.107 ug/l  
RT: 12.727 min Scan# 1808  
Delta R.T. 0.105 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

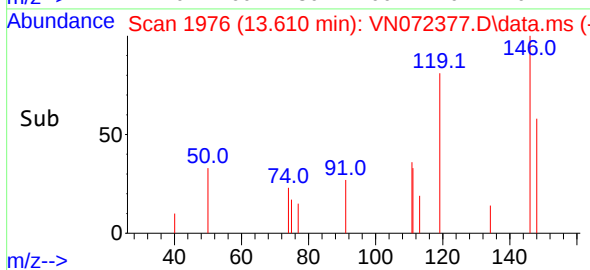
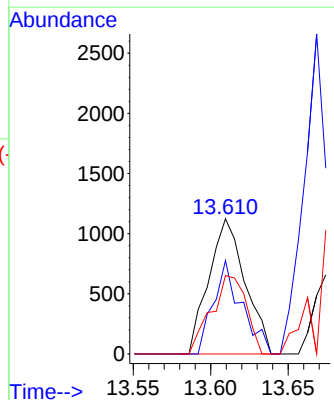
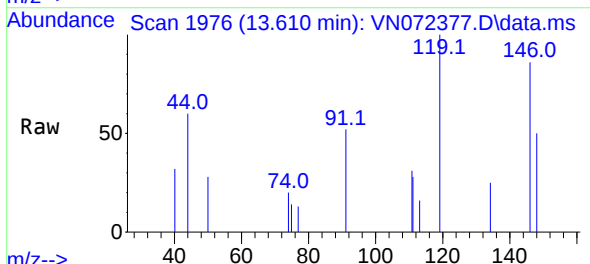
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

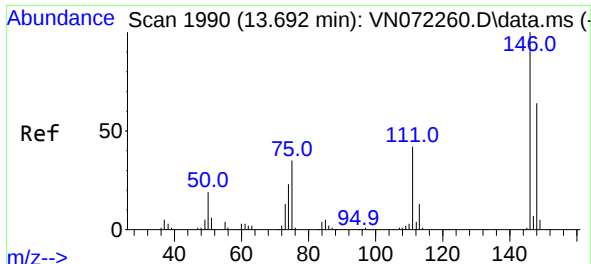
Tgt Ion: 75 Resp: 136702  
Ion Ratio Lower Upper  
75 100  
53 0.0 78.0 117.0#  
89 0.0 37.2 55.8#



#87  
1,3-Dichlorobenzene  
Concen: 0.237 ug/l  
RT: 13.610 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion:146 Resp: 1833  
Ion Ratio Lower Upper  
146 100  
111 53.3 20.0 60.0  
148 55.4 32.0 96.0

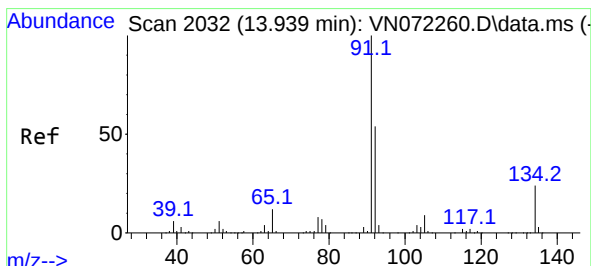
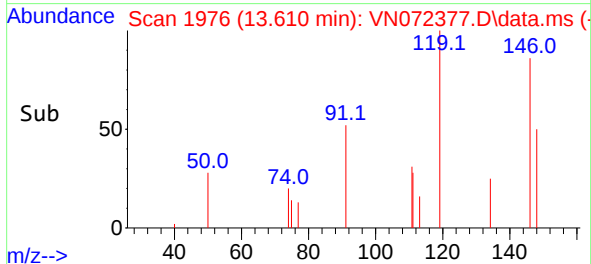
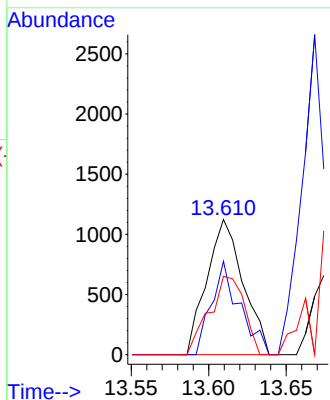
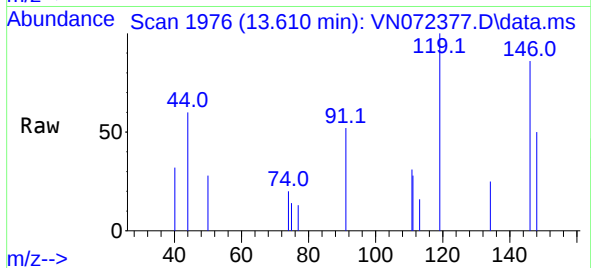




#88  
1,4-Dichlorobenzene  
Concen: 0.244 ug/l  
RT: 13.610 min Scan# 1990  
Delta R.T. -0.082 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

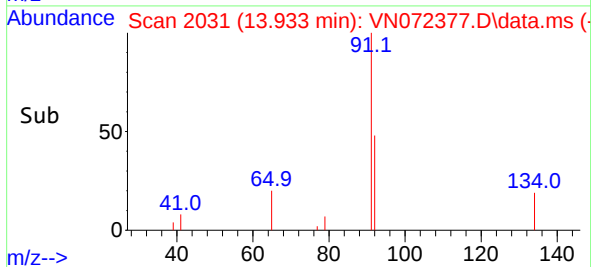
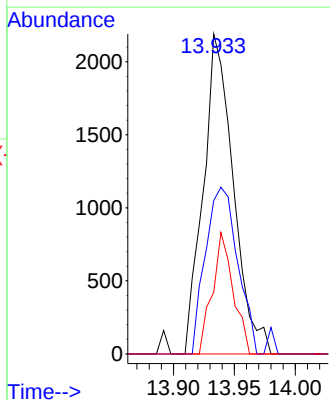
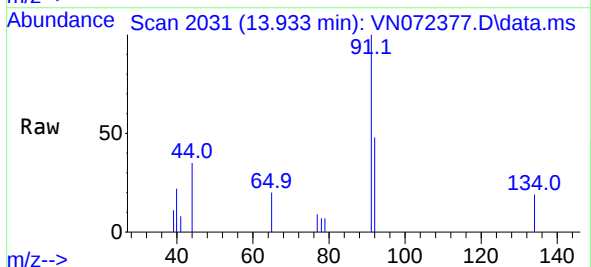
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

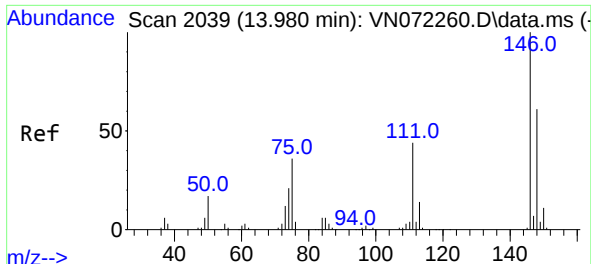
Tgt Ion:146 Resp: 1833  
Ion Ratio Lower Upper  
146 100  
111 53.3 19.1 57.1  
148 55.4 31.4 94.3



#89  
n-Butylbenzene  
Concen: 0.327 ug/l  
RT: 13.933 min Scan# 2031  
Delta R.T. -0.006 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

Tgt Ion: 91 Resp: 3760  
Ion Ratio Lower Upper  
91 100  
92 55.7 26.9 80.7  
134 26.2 13.6 40.8





#91

1,2-Dichlorobenzene

Concen: 0.249 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VN072377.D

Acq: 09 May 2022 14:21

Instrument :

MSVOA\_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

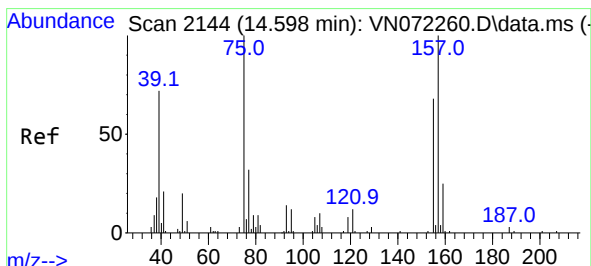
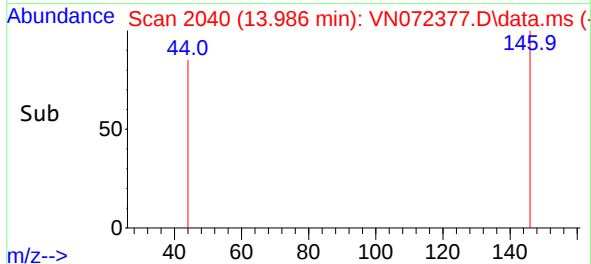
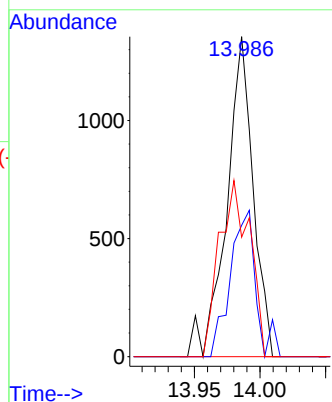
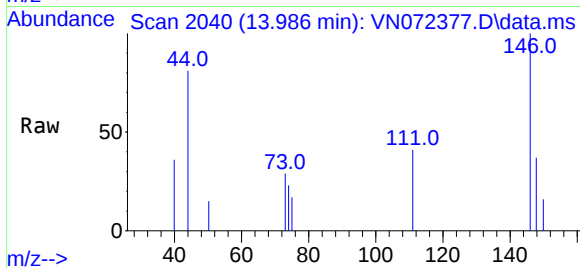
Tgt Ion:146 Resp: 1899

Ion Ratio Lower Upper

146 100

111 44.2 20.9 62.8

148 63.5 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.415 ug/l

RT: 14.604 min Scan# 2145

Delta R.T. 0.006 min

Lab File: VN072377.D

Acq: 09 May 2022 14:21

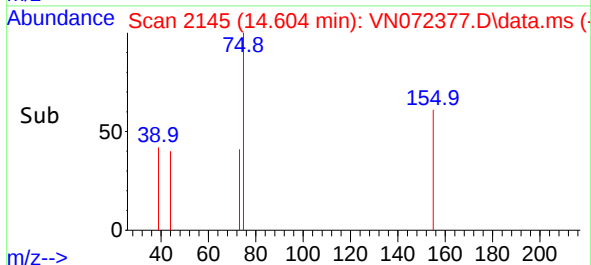
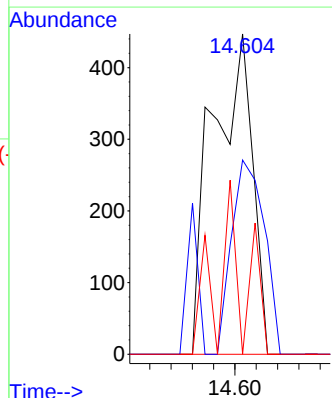
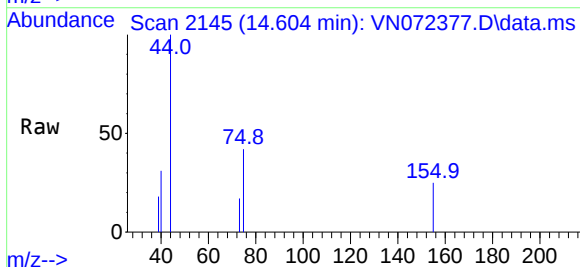
Tgt Ion: 75 Resp: 580

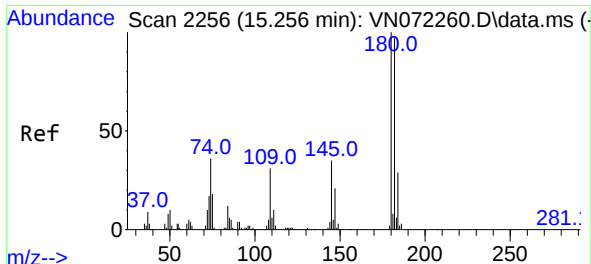
Ion Ratio Lower Upper

75 100

155 50.2 44.9 134.5

157 25.9 59.0 176.8#

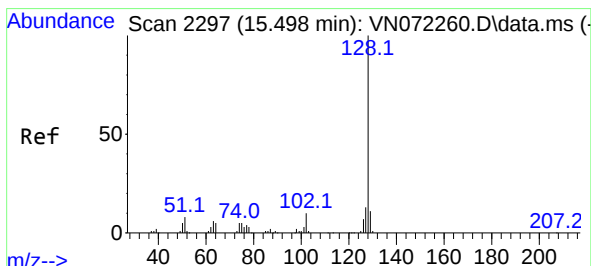
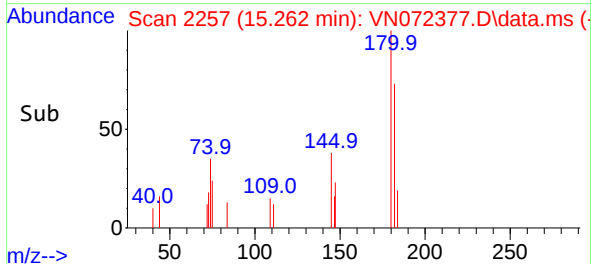
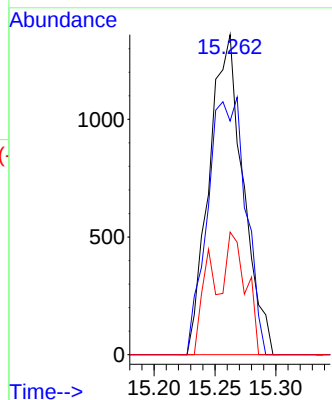
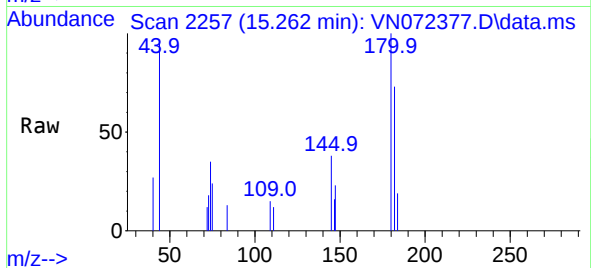




#93  
1,2,4-Trichlorobenzene  
Concen: 3.135 ug/l  
RT: 15.262 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

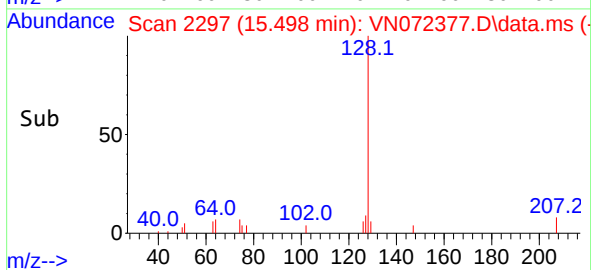
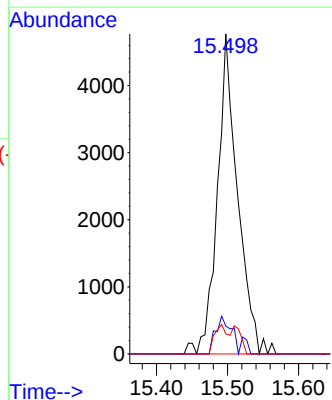
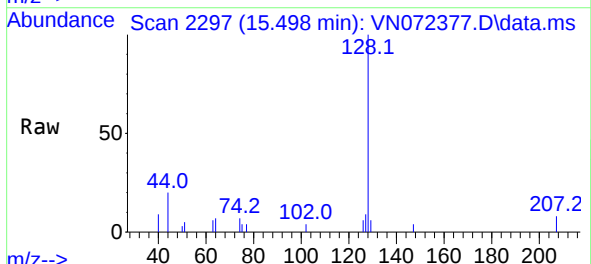
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

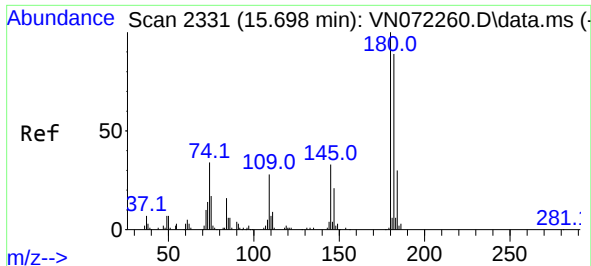
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 2647       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 90.2  | 47.5 142.5 |
| 145         | 24.6  | 14.5 43.5  |



#95  
Naphthalene  
Concen: 5.029 ug/l  
RT: 15.498 min Scan# 2297  
Delta R.T. -0.000 min  
Lab File: VN072377.D  
Acq: 09 May 2022 14:21

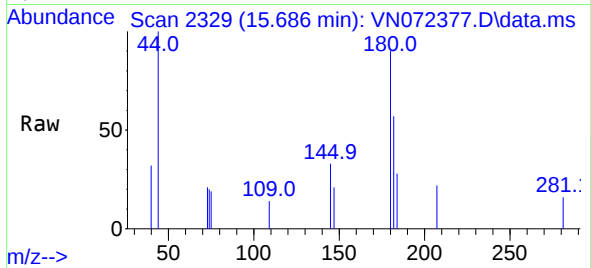
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:128 | Resp: | 9454       |
| Ion Ratio   | Lower | Upper      |
| 128         | 100   |            |
| 127         | 9.0   | 10.3 15.5# |
| 129         | 6.2   | 8.6 13.0#  |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 3.411 ug/l  
 RT: 15.686 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VN072377.D  
 Acq: 09 May 2022 14:21

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



Tgt Ion:180 Resp: 2737

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 91.2  | 47.8  | 143.3 |
| 145 | 29.4  | 15.5  | 46.5  |

