

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076932.D
 Acq On : 10 Mar 2023 18:25
 Operator : JC\MD
 Sample : 01871-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Mar 13 01:22:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

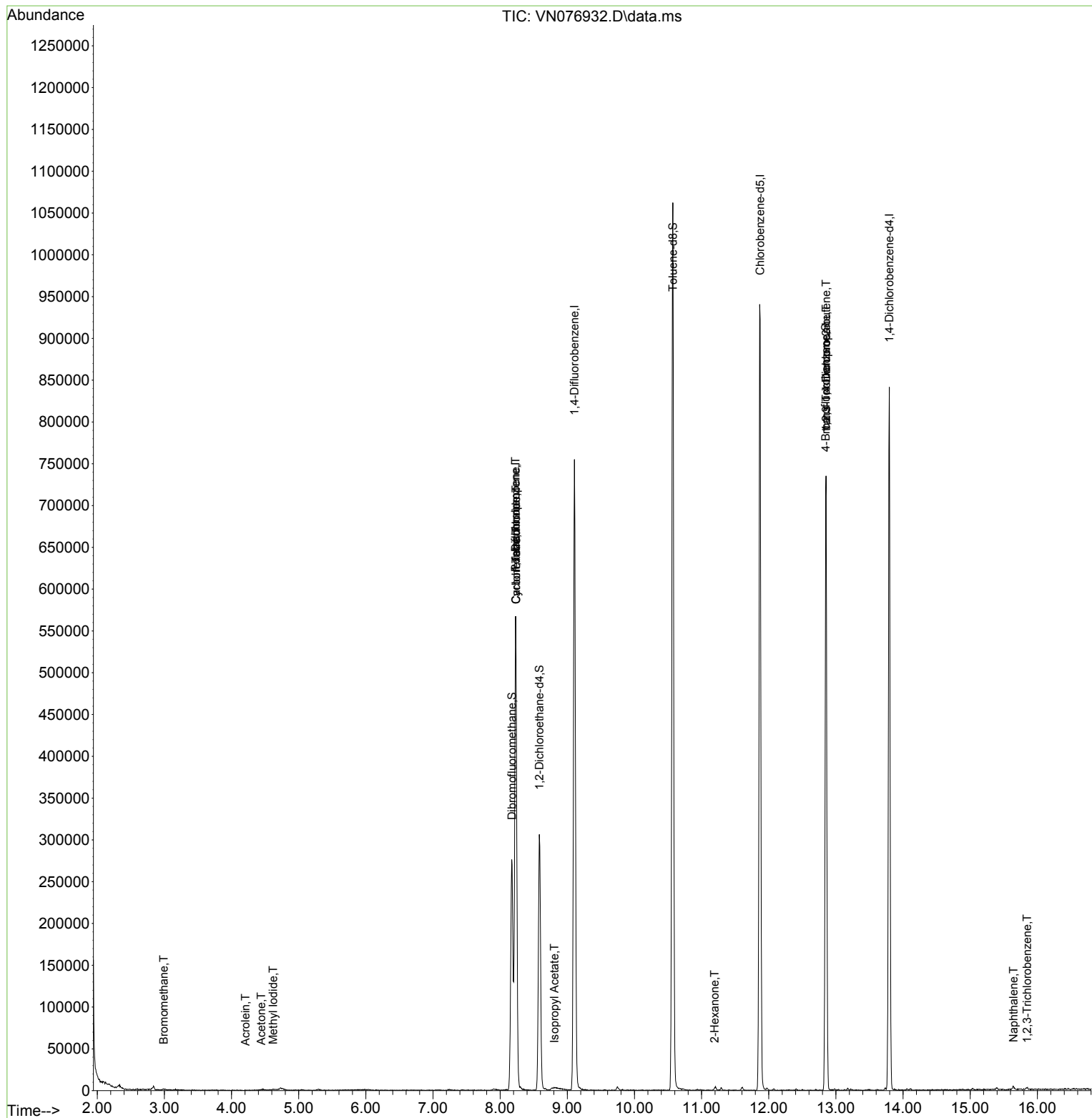
Internal Standards						
1) Pentafluorobenzene	8.231	168	384684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	629599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	540150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	223833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	275452	47.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.960%		
35) Dibromofluoromethane	8.178	113	197614	47.095	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.200%		
50) Toluene-d8	10.572	98	741619	47.956	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.920%		
62) 4-Bromofluorobenzene	12.848	95	259502	45.877	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.760%		
Target Compounds						Qvalue
5) Bromomethane	2.990	94	579	0.226	ug/l #	68
10) Methyl Iodide	4.619	142	1061	0.220	ug/l #	85
13) Acrolein	4.207	56	154	0.215	ug/l #	14
16) Acetone	4.443	43	711	0.357	ug/l #	40
31) Cyclohexane	8.236	56	9760	1.185	ug/l #	42
36) 1,1-Dichloropropene	8.231	75	33076	5.097	ug/l #	50
38) Carbon Tetrachloride	8.236	117	45136	5.943	ug/l #	16
43) Isopropyl Acetate	8.807	43	3442	0.376	ug/l #	48
59) 2-Hexanone	11.195	43	1844	0.460	ug/l #	50
76) 1,2,3-Trichloropropane	12.854	75	145904	26.886	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	145904	87.824	ug/l #	15
95) Naphthalene	15.648	128	4372	0.324	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.848	180	1195	0.271	ug/l	88

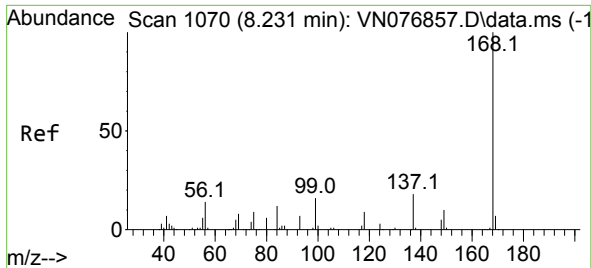
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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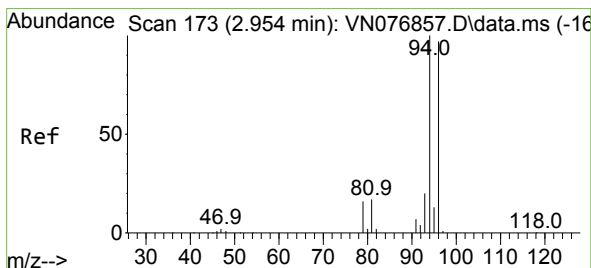
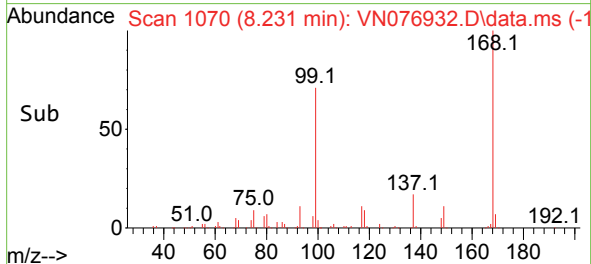
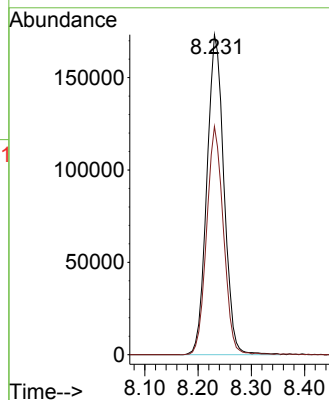
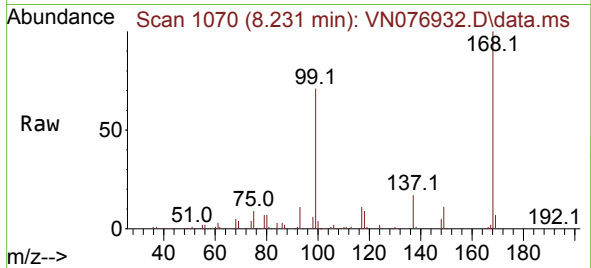




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

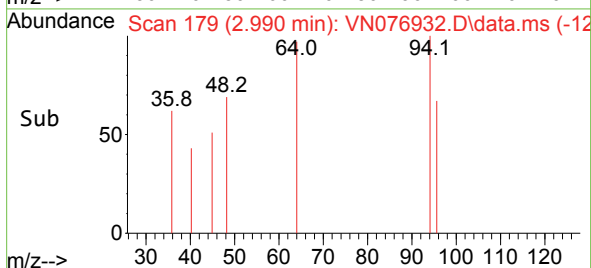
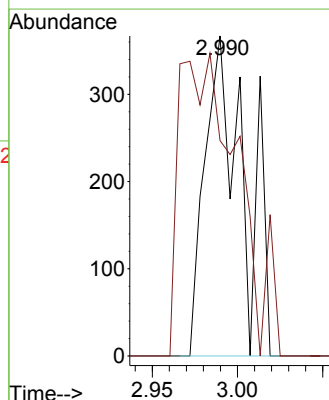
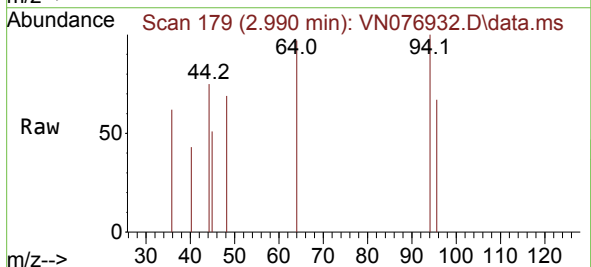
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

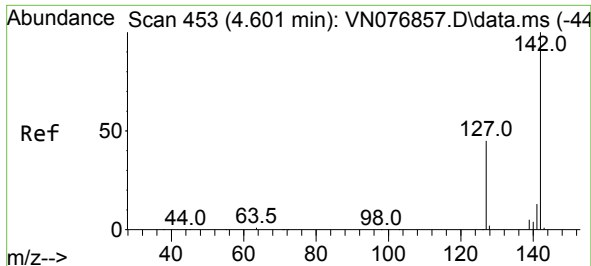
Tgt Ion:168 Resp: 384684
Ion Ratio Lower Upper
168 100
99 71.3 48.6 73.0



#5
Bromomethane
Concen: 0.226 ug/l
RT: 2.990 min Scan# 179
Delta R.T. 0.035 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

Tgt Ion: 94 Resp: 579
Ion Ratio Lower Upper
94 100
96 67.3 79.0 118.6#

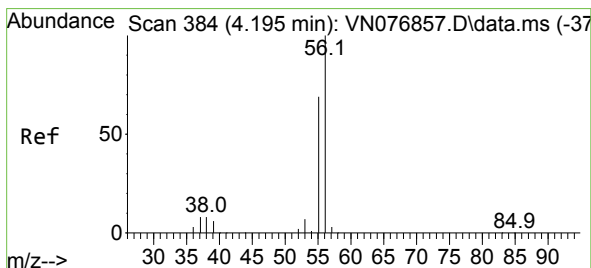
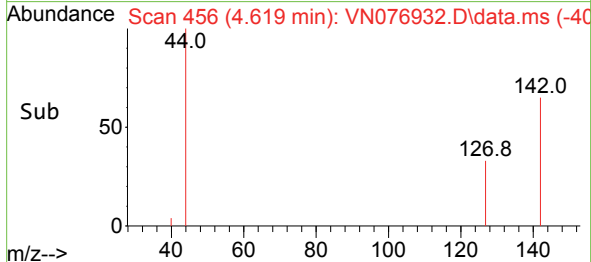
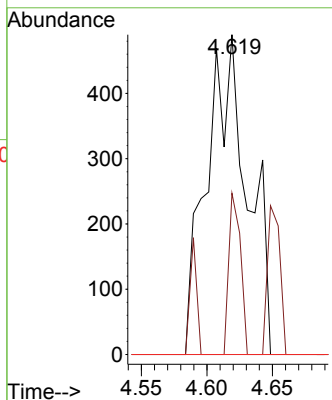
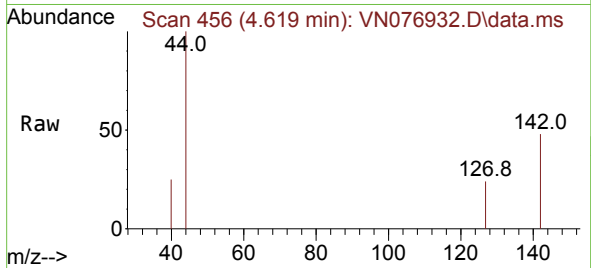




#10
Methyl Iodide
Concen: 0.220 ug/l
RT: 4.619 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

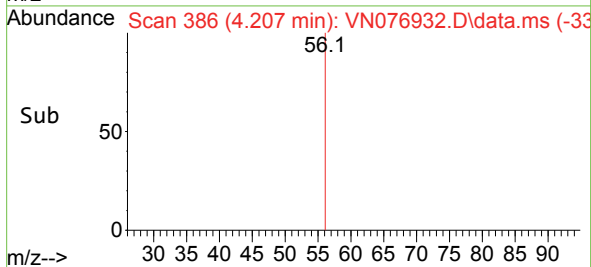
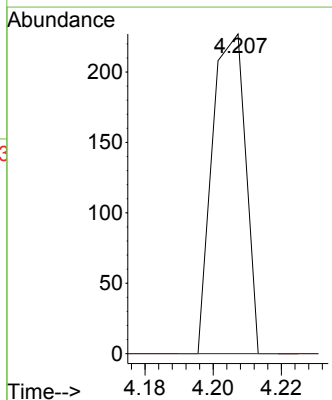
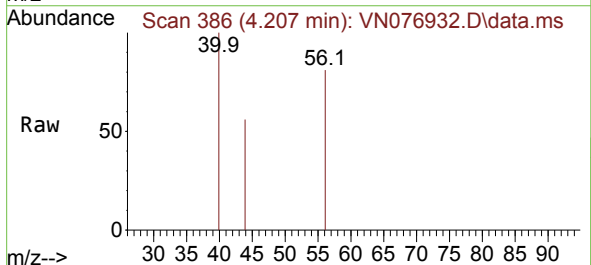
Instrument :
MSVOA_N
ClientSampleId :
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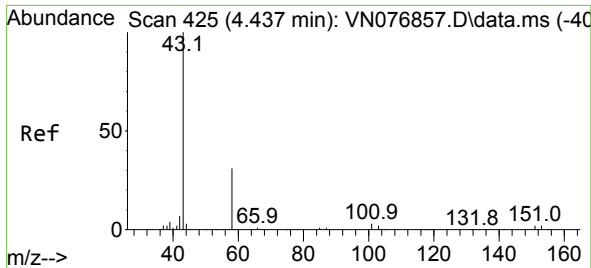
Tgt Ion:142 Resp: 1061
Ion Ratio Lower Upper
142 100
127 50.4 35.2 52.8
141 0.0 10.2 15.2#



#13
Acrolein
Concen: 0.215 ug/l
RT: 4.207 min Scan# 386
Delta R.T. 0.018 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

Tgt Ion: 56 Resp: 154
Ion Ratio Lower Upper
56 100
55 0.0 56.7 85.1#

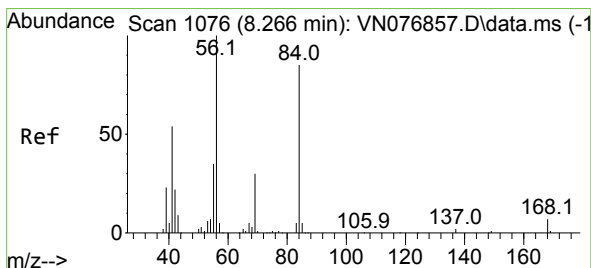
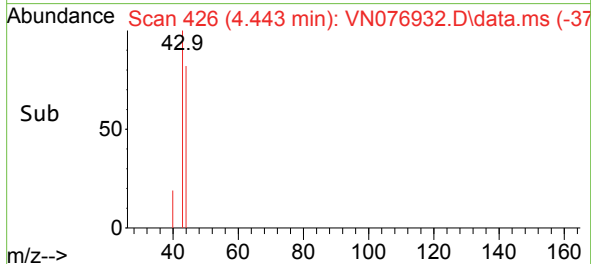
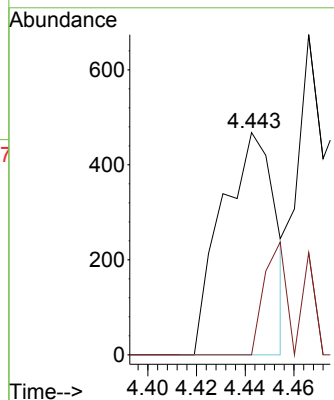
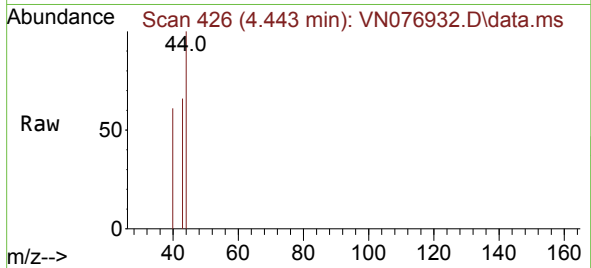




#16
Acetone
Concen: 0.357 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

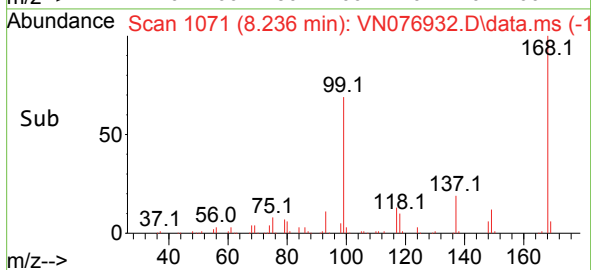
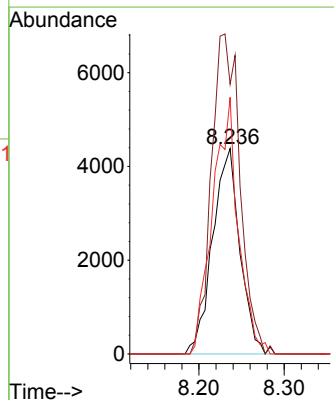
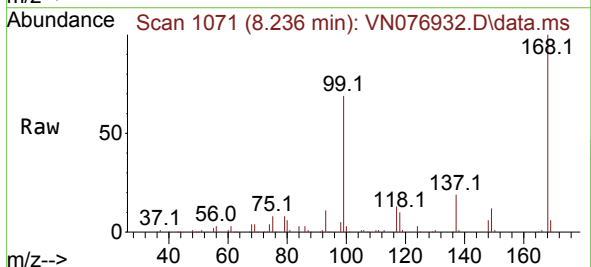
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

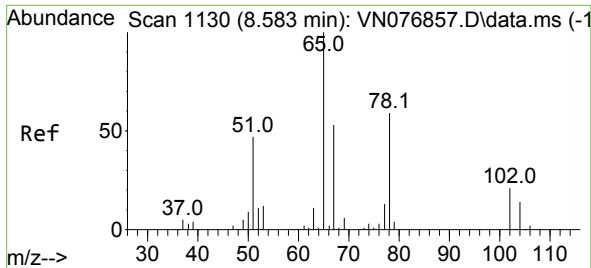
Tgt Ion: 43 Resp: 711
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#31
Cyclohexane
Concen: 1.185 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.029 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

Tgt Ion: 56 Resp: 9760
Ion Ratio Lower Upper
56 100
69 131.4 27.0 40.6#
84 124.9 82.9 124.3#

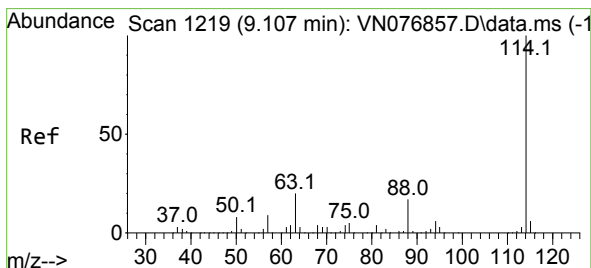
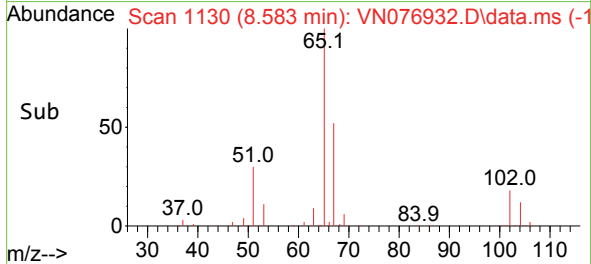
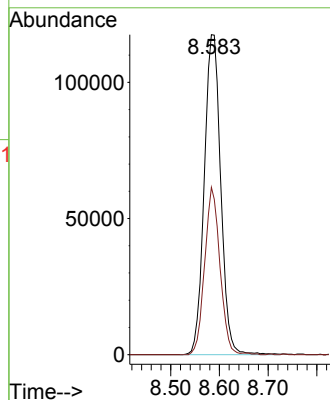
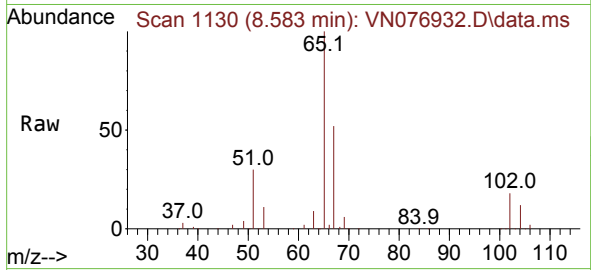




#33
 1,2-Dichloroethane-d4
 Concen: 47.984 ug/l
 RT: 8.583 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VN076932.D
 Acq: 10 Mar 2023 18:25

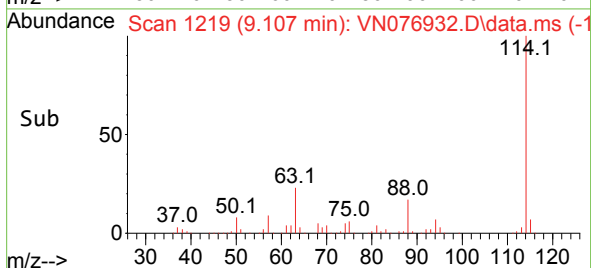
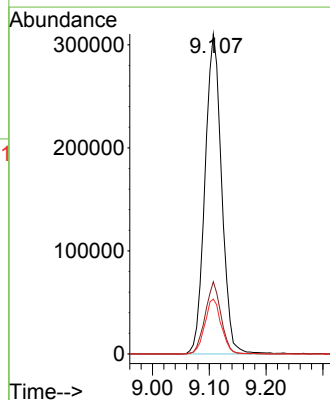
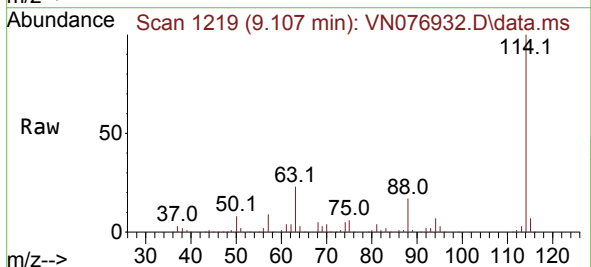
Instrument :
 MSVOA_N
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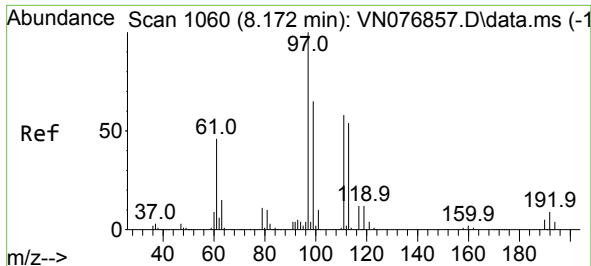
Tgt Ion: 65 Resp: 275452
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VN076932.D
 Acq: 10 Mar 2023 18:25

Tgt Ion: 114 Resp: 629599
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 36.6
 88 17.1 0.0 28.6





#35

Dibromofluoromethane

Concen: 47.095 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN076932.D

Acq: 10 Mar 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

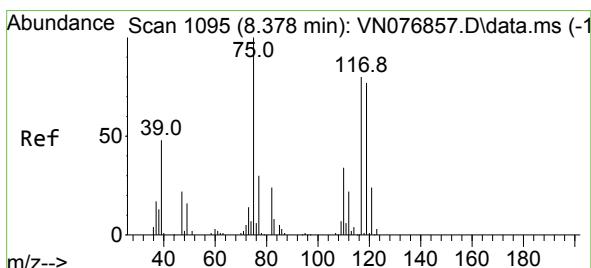
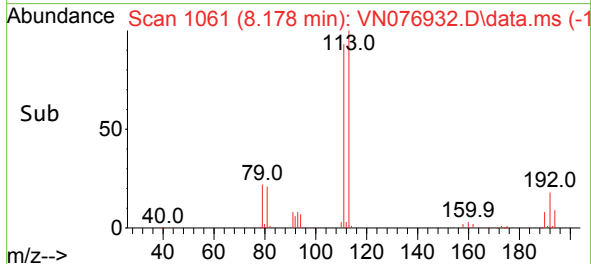
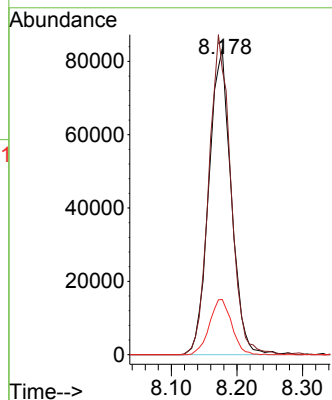
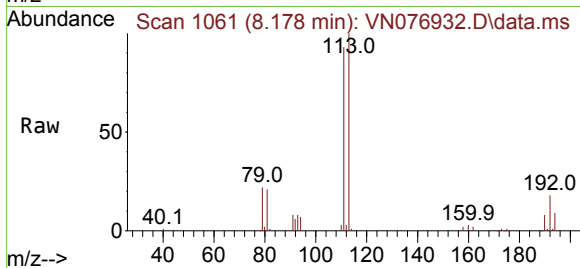
Tgt Ion:113 Resp: 197614

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 18.0 13.9 20.9



#36

1,1-Dichloropropene

Concen: 5.097 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.147 min

Lab File: VN076932.D

Acq: 10 Mar 2023 18:25

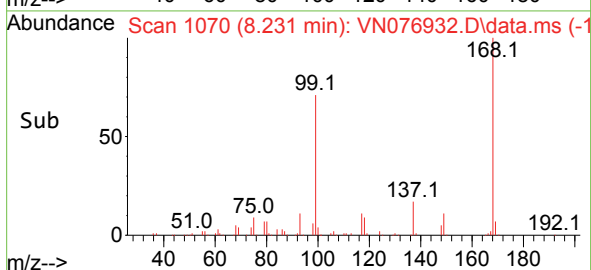
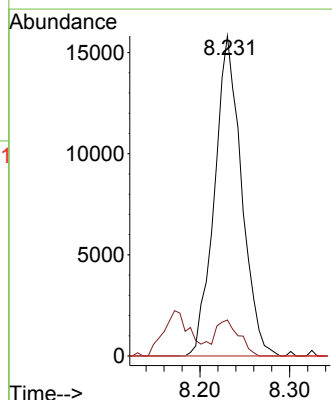
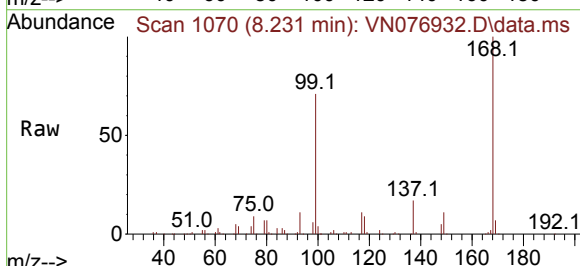
Tgt Ion: 75 Resp: 33076

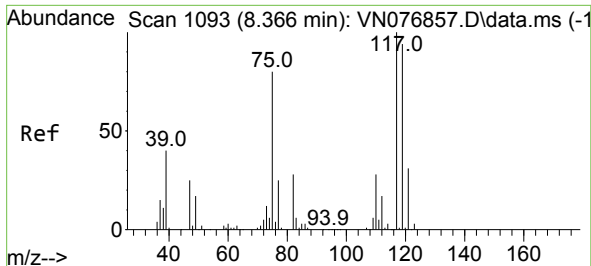
Ion Ratio Lower Upper

75 100

110 10.7 18.9 56.9#

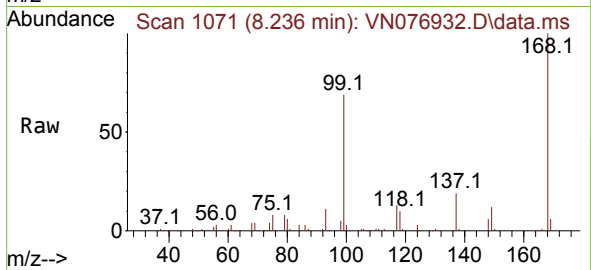
77 0.0 24.9 37.3#



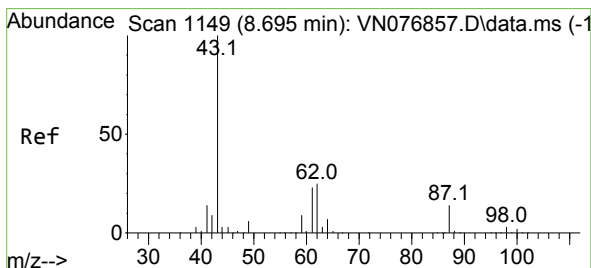
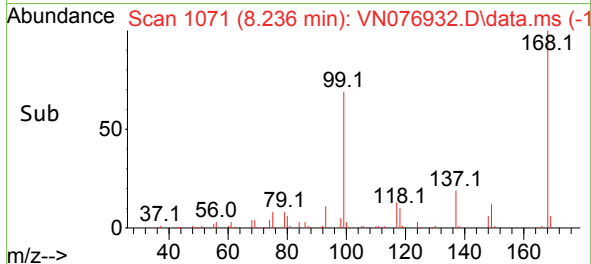
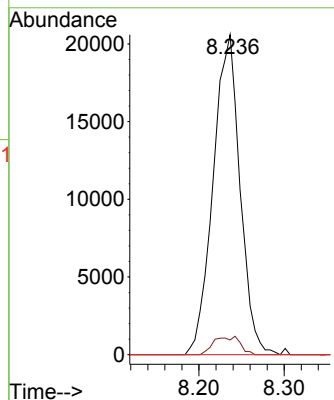


#38
Carbon Tetrachloride
Concen: 5.943 ug/l
RT: 8.236 min Scan# 1168
Delta R.T. -0.135 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

Instrument :
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ClientSampleId :
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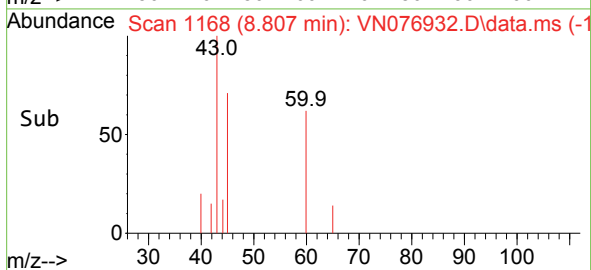
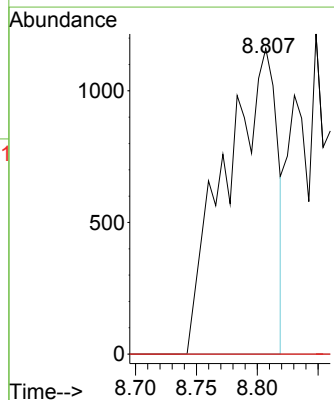
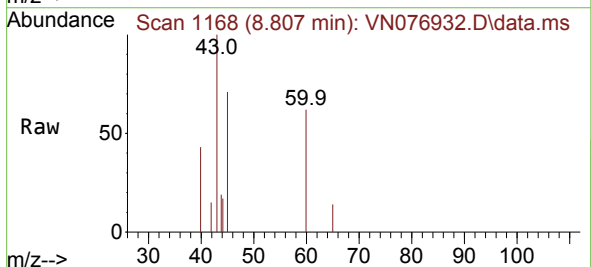


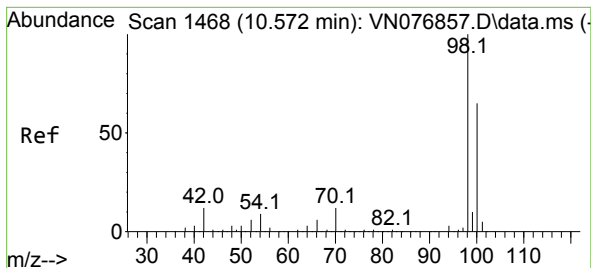
Tgt Ion:117 Resp: 45136
Ion Ratio Lower Upper
117 100
119 4.6 76.9 115.3#
121 0.0 23.2 34.8#



#43
Isopropyl Acetate
Concen: 0.376 ug/l
RT: 8.807 min Scan# 1168
Delta R.T. 0.112 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

Tgt Ion: 43 Resp: 3442
Ion Ratio Lower Upper
43 100
61 0.0 26.2 39.2#
87 0.0 14.8 22.2#

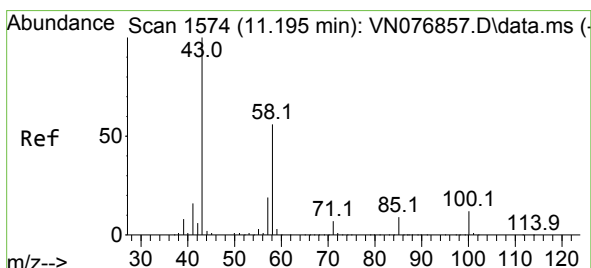
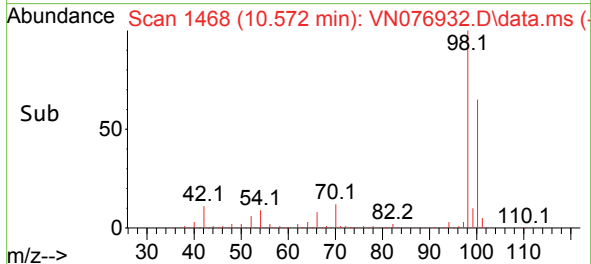
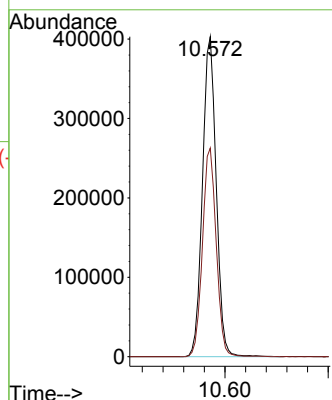
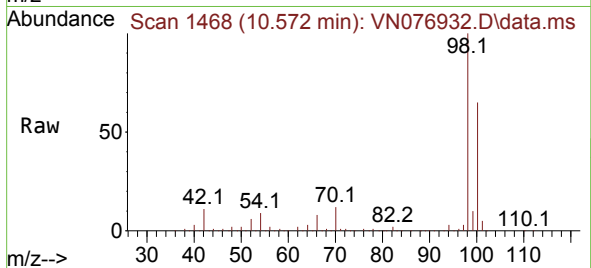




#50
Toluene-d8
Concen: 47.956 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

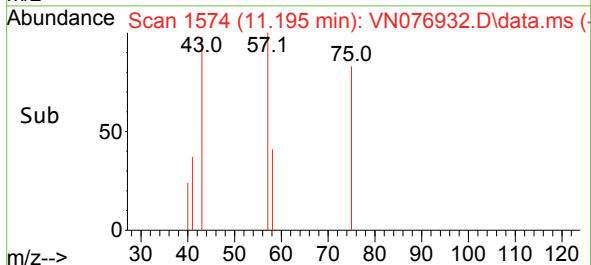
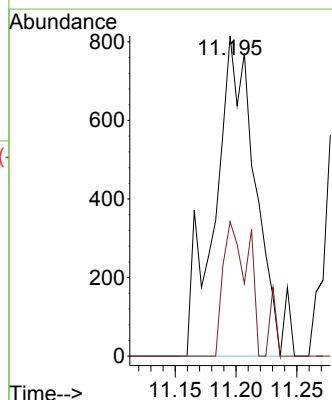
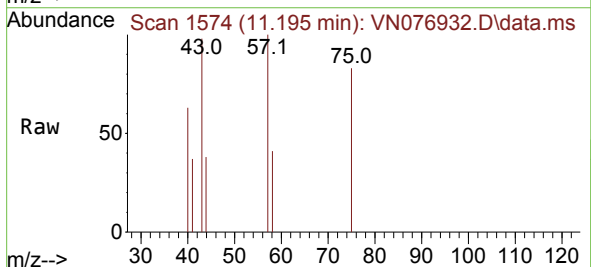
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

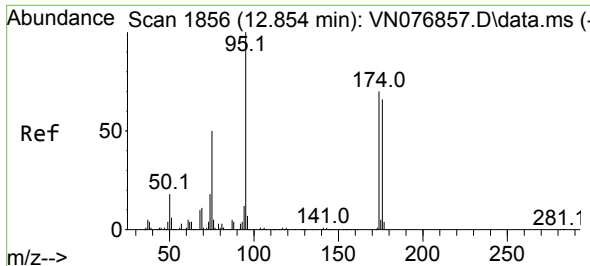
Tgt Ion: 98 Resp: 741619
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



#59
2-Hexanone
Concen: 0.460 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
58 26.1 32.6 98.0#

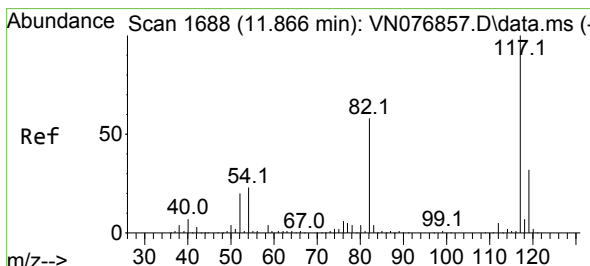
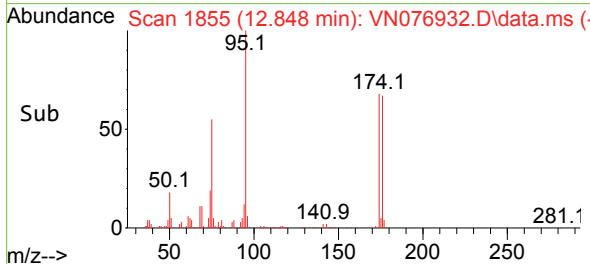
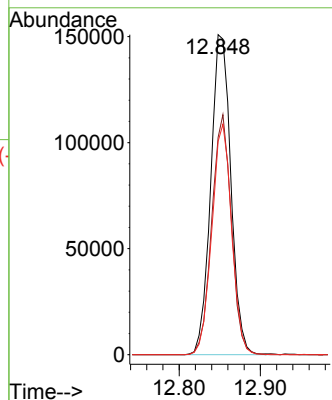
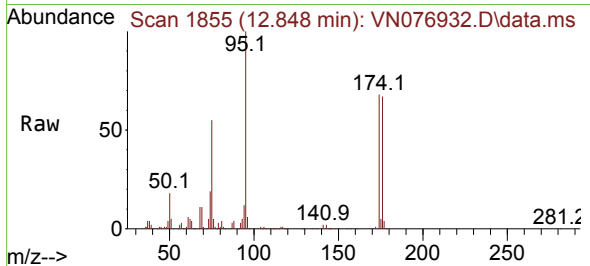




#62
4-Bromofluorobenzene
Concen: 45.877 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

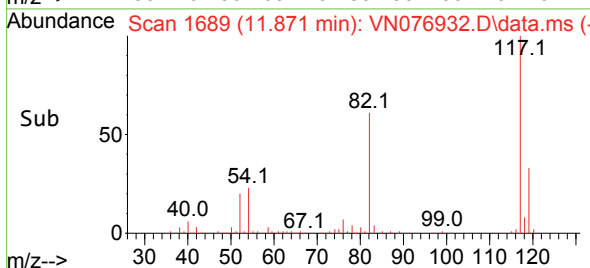
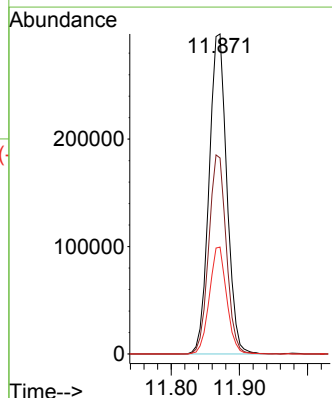
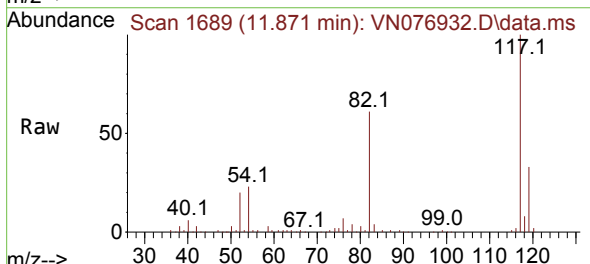
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

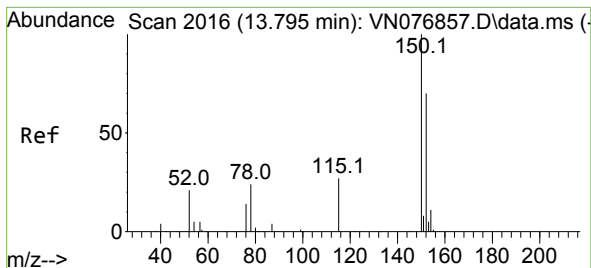
Tgt Ion: 95 Resp: 259502
Ion Ratio Lower Upper
95 100
174 73.0 0.0 162.4
176 70.9 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

Tgt Ion: 117 Resp: 540150
Ion Ratio Lower Upper
117 100
82 61.2 43.5 65.3
119 33.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076932.D

Acq: 10 Mar 2023 18:25

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

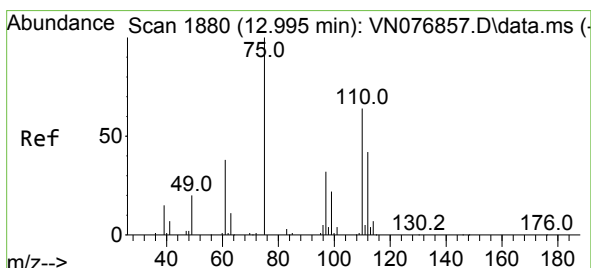
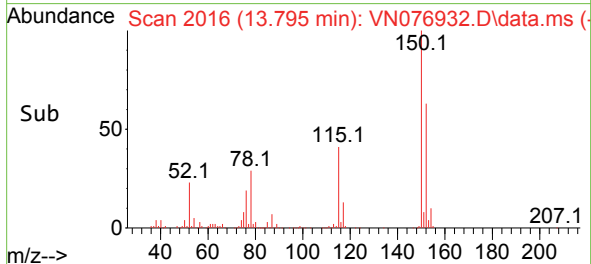
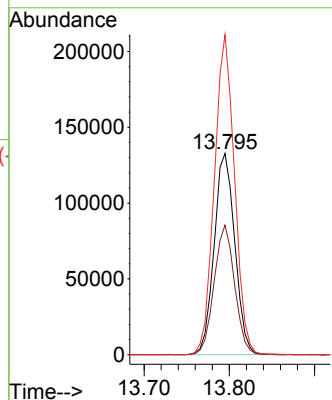
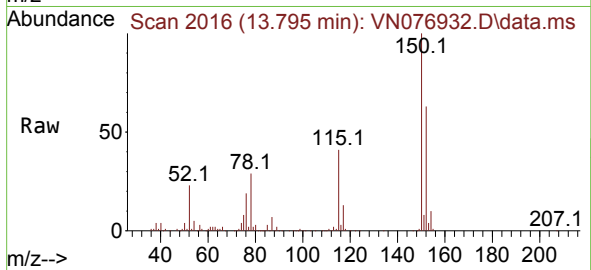
Tgt Ion:152 Resp: 223833

Ion Ratio Lower Upper

152 100

115 63.8 30.3 90.9

150 155.1 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 26.886 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. -0.141 min

Lab File: VN076932.D

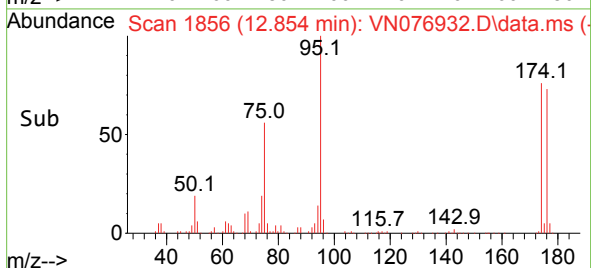
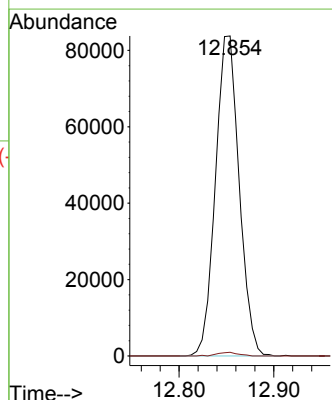
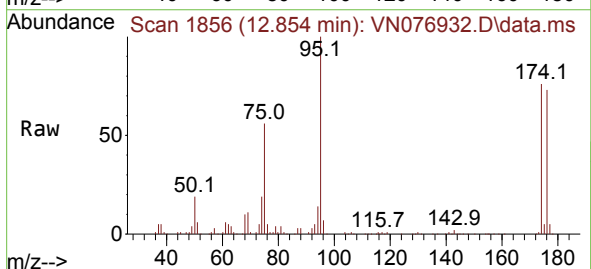
Acq: 10 Mar 2023 18:25

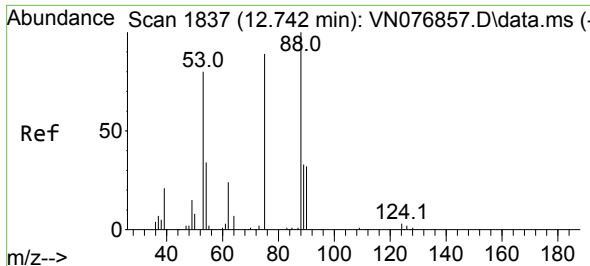
Tgt Ion: 75 Resp: 145904

Ion Ratio Lower Upper

75 100

77 1.0 93.8 281.4#

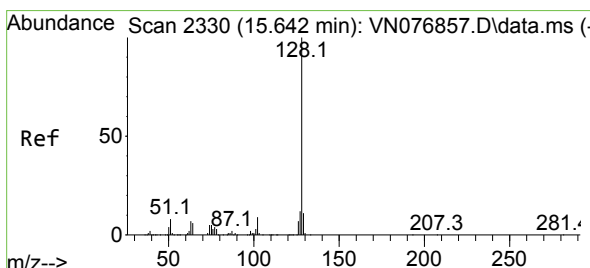
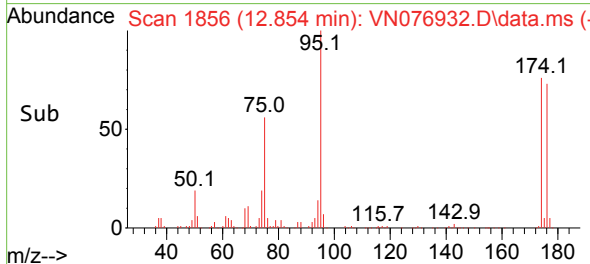
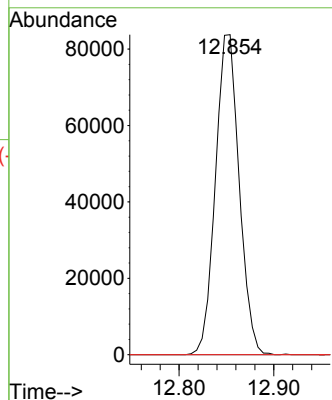
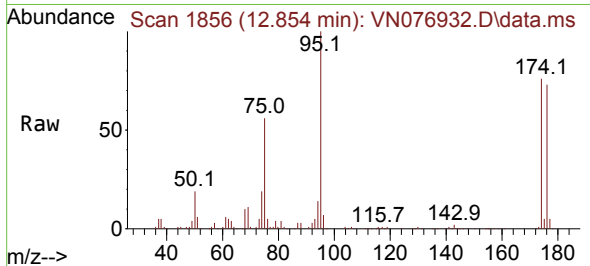




#81
trans-1,4-Dichloro-2-butene
Concen: 87.824 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

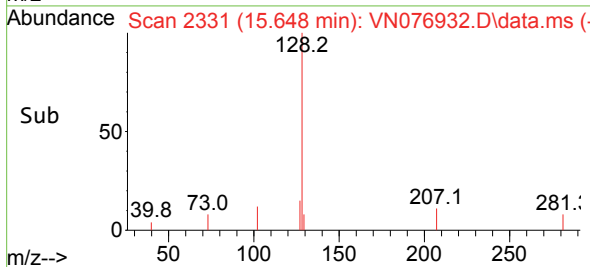
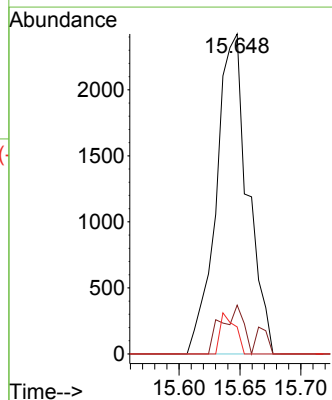
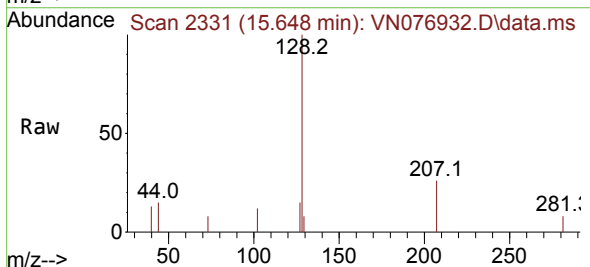
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

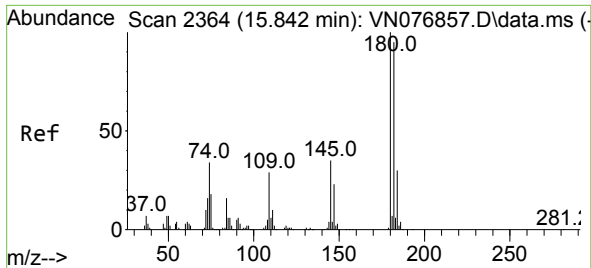
Tgt Ion: 75 Resp: 145904
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.0#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 0.324 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076932.D
Acq: 10 Mar 2023 18:25

Tgt Ion:128 Resp: 4372
Ion Ratio Lower Upper
128 100
127 10.6 10.2 15.4
129 6.1 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.271 ug/l
 RT: 15.848 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076932.D
 Acq: 10 Mar 2023 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Tgt Ion:180 Resp: 1195
 Ion Ratio Lower Upper
 180 100
 182 101.3 47.7 143.1
 145 18.2 17.0 51.0

