

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081879.D
 Acq On : 26 Apr 2024 15:44
 Operator : JC\MD
 Sample : P2282-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Apr 26 23:01:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

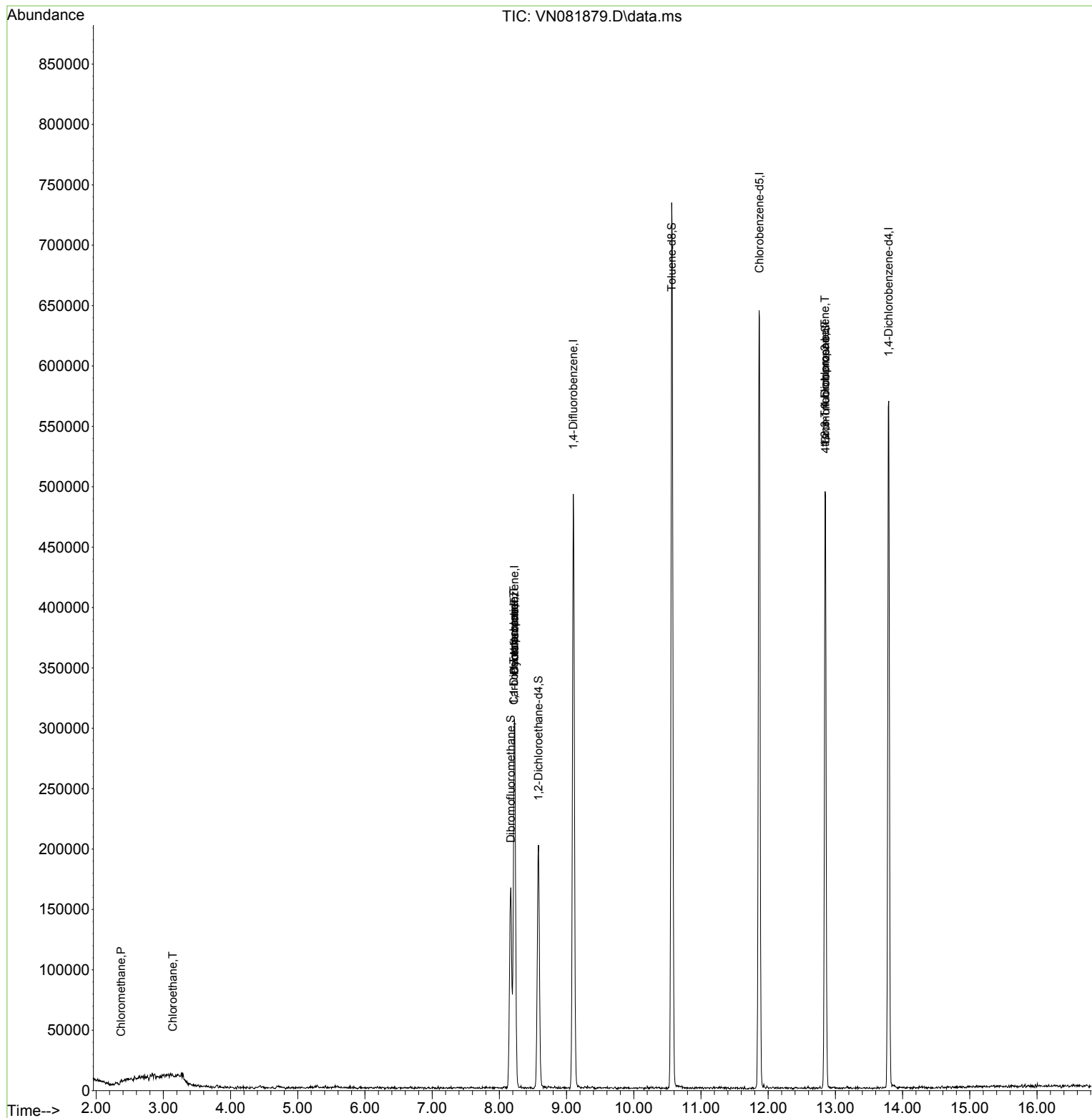
Internal Standards						
1) Pentafluorobenzene	8.224	168	216606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	407974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	360545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	163454	44.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.420%
35) Dibromofluoromethane	8.171	113	121345	49.400	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.800%
50) Toluene-d8	10.565	98	500333	51.863	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.853	95	177627	46.578	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.160%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	794	0.250	ug/l	93
5) Bromomethane	2.959	94	460	Below Cal	#	64
6) Chloroethane	3.142	64	346	0.238	ug/l #	44
13) Acrolein	4.177	56	334	Below Cal	#	1
16) Acetone	4.430	43	2013	Below Cal		91
31) Cyclohexane	8.224	56	6319	1.147	ug/l #	31
36) 1,1-Dichloropropene	8.218	75	21645	5.416	ug/l #	48
38) Carbon Tetrachloride	8.218	117	24338	6.231	ug/l #	17
76) 1,2,3-Trichloropropane	12.847	75	98195	25.554	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	98195	52.363	ug/l #	12

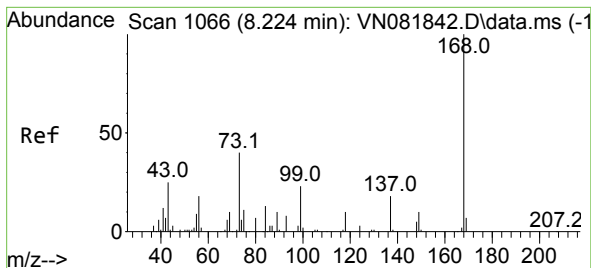
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081879.D

Acq: 26 Apr 2024 15:44

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MSVOA_N

ClientSampleId :

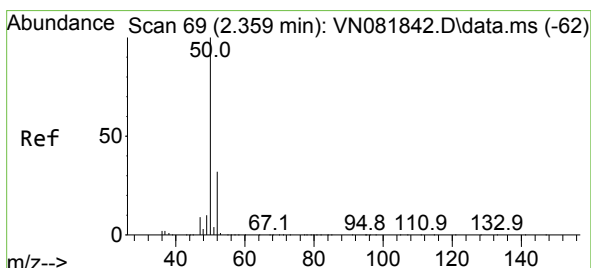
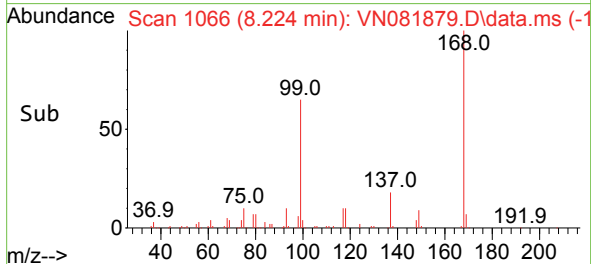
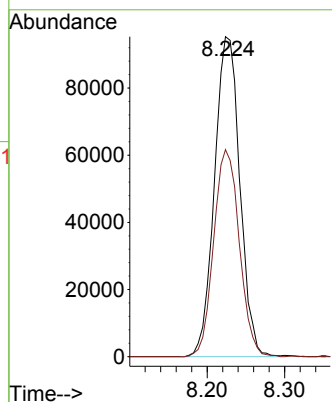
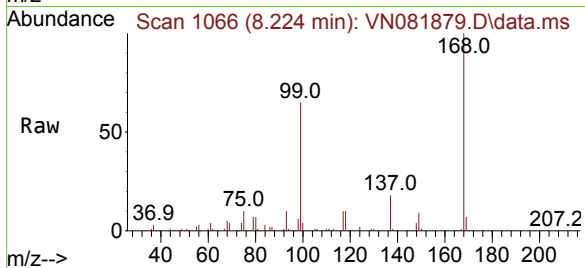
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 216606

Ion Ratio Lower Upper

168 100

99 64.7 48.2 72.4



#3

Chloromethane

Concen: 0.250 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN081879.D

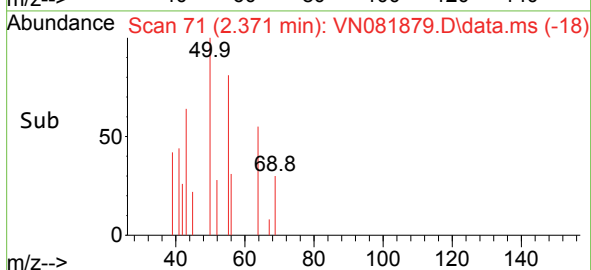
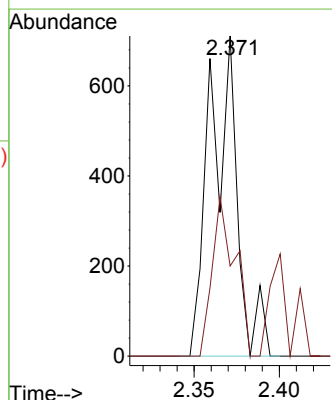
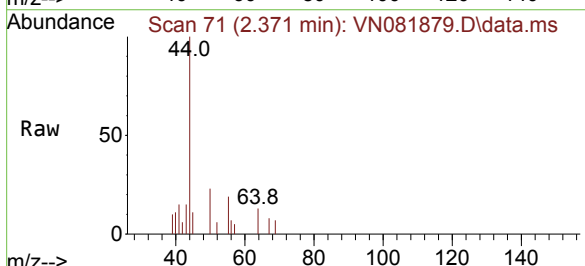
Acq: 26 Apr 2024 15:44

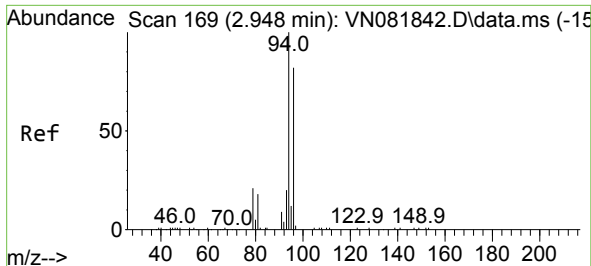
Tgt Ion: 50 Resp: 794

Ion Ratio Lower Upper

50 100

52 28.1 25.5 38.3

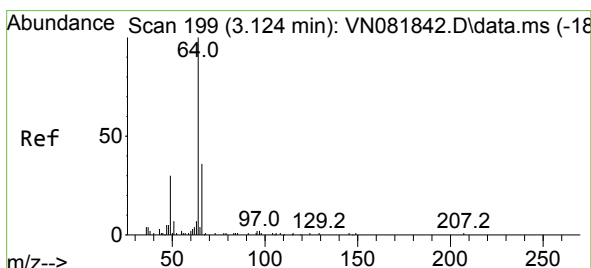
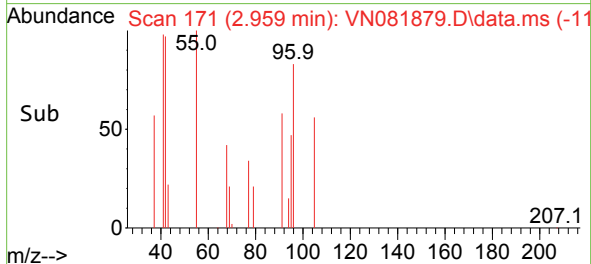
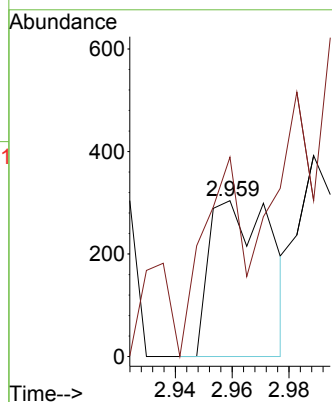
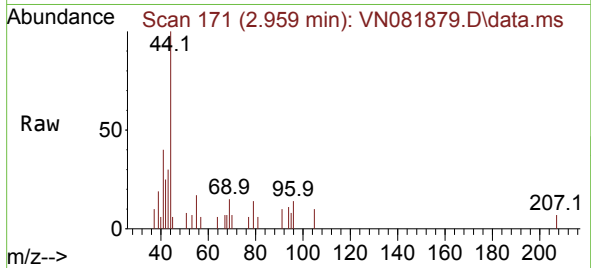




#5
Bromomethane
Concen: Below Cal
RT: 2.959 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081879.D
Acq: 26 Apr 2024 15:44

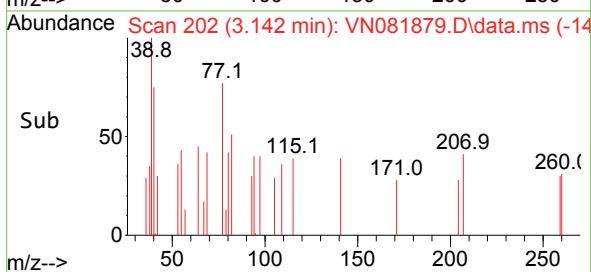
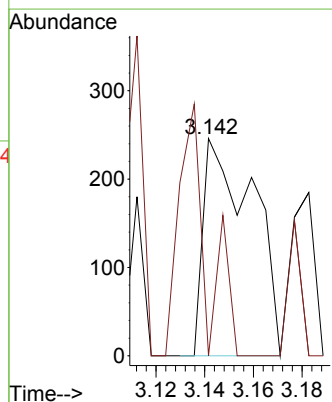
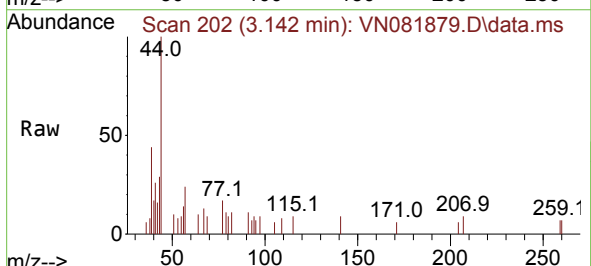
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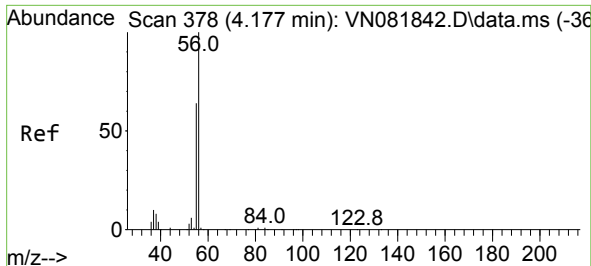
Tgt Ion: 94 Resp: 460
Ion Ratio Lower Upper
94 100
96 128.0 74.8 112.2#



#6
Chloroethane
Concen: 0.238 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.018 min
Lab File: VN081879.D
Acq: 26 Apr 2024 15:44

Tgt Ion: 64 Resp: 346
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

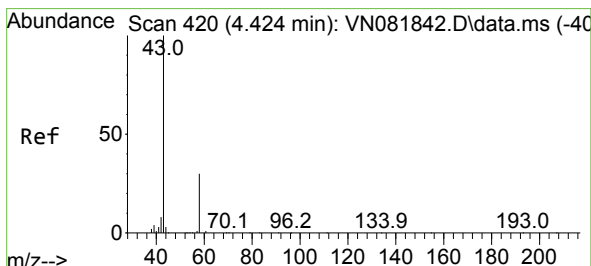
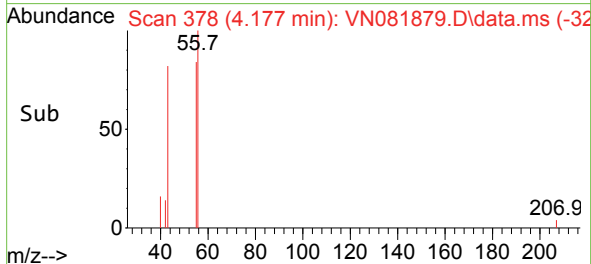
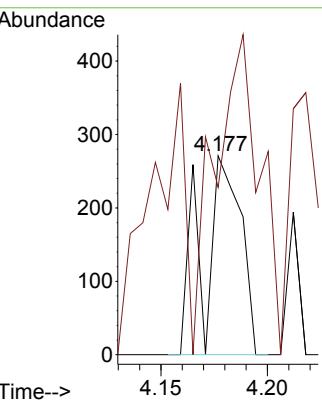
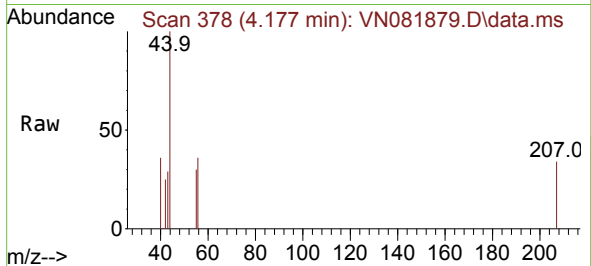




#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081879.D
Acq: 26 Apr 2024 15:44

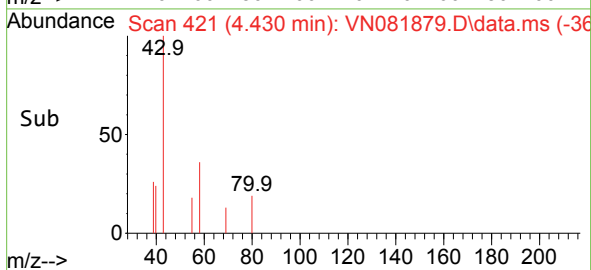
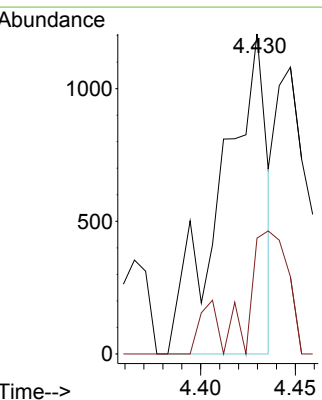
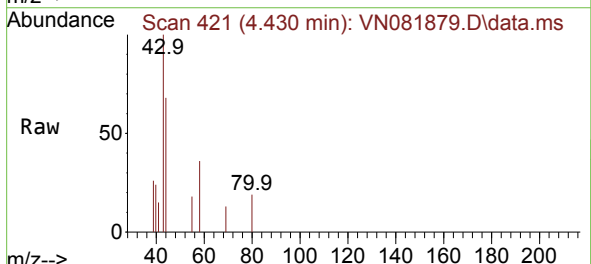
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

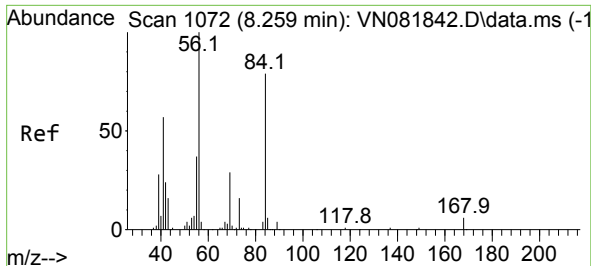
Tgt Ion: 56 Resp: 334
Ion Ratio Lower Upper
56 100
55 191.9 55.8 83.8#



#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081879.D
Acq: 26 Apr 2024 15:44

Tgt Ion: 43 Resp: 2013
Ion Ratio Lower Upper
43 100
58 36.2 25.2 37.8

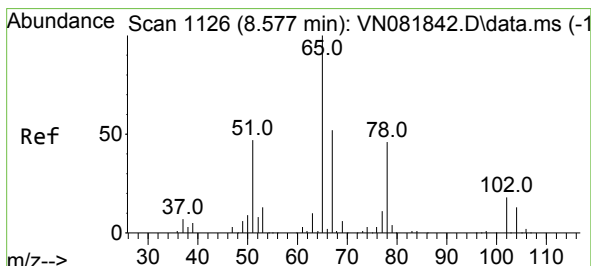
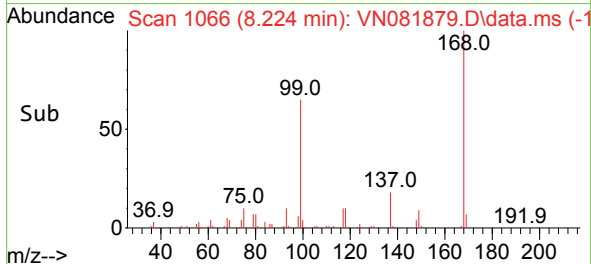
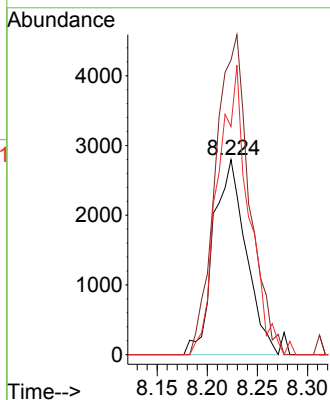
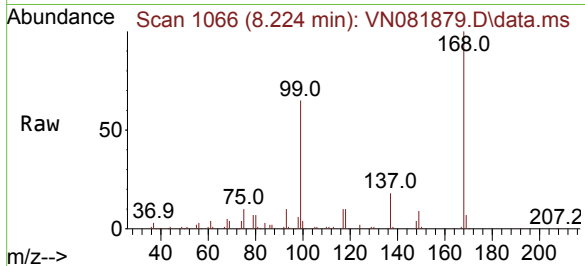




#31
Cyclohexane
Concen: 1.147 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081879.D
Acq: 26 Apr 2024 15:44

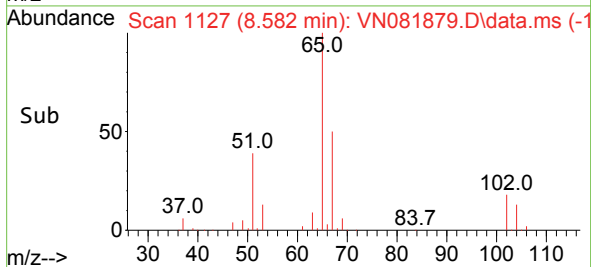
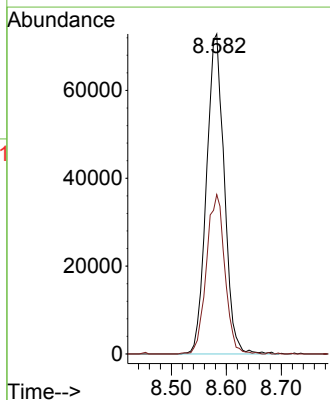
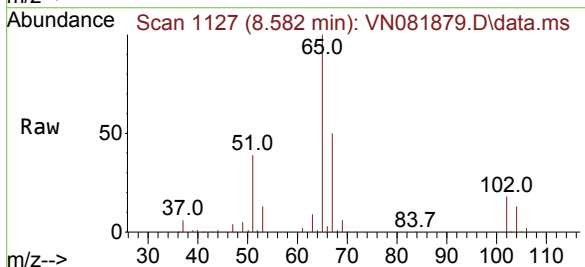
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

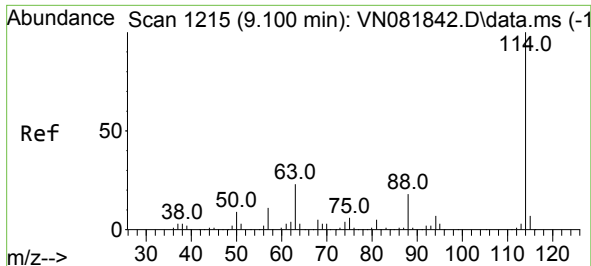
Tgt Ion: 56 Resp: 6319
Ion Ratio Lower Upper
56 100
69 151.0 24.4 36.6#
84 117.0 77.0 115.4#



#33
1,2-Dichloroethane-d4
Concen: 44.712 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081879.D
Acq: 26 Apr 2024 15:44

Tgt Ion: 65 Resp: 163454
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081879.D

Acq: 26 Apr 2024 15:44

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

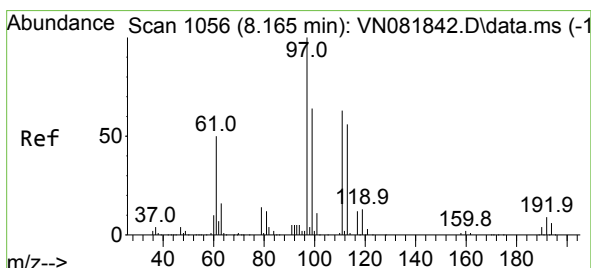
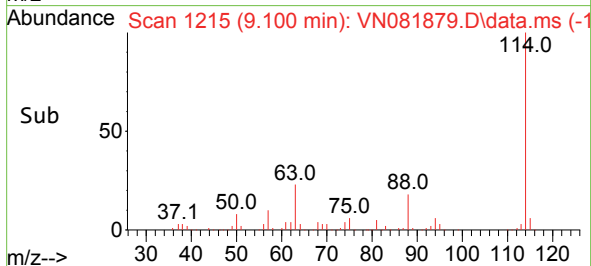
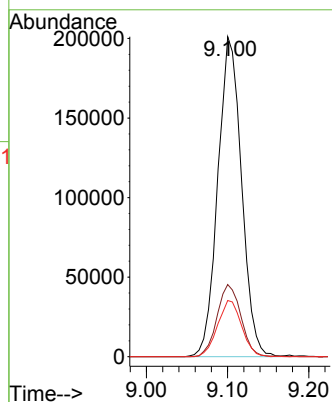
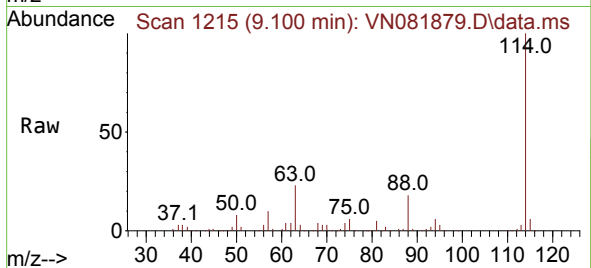
Tgt Ion:114 Resp: 407974

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.0

88 17.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 49.400 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081879.D

Acq: 26 Apr 2024 15:44

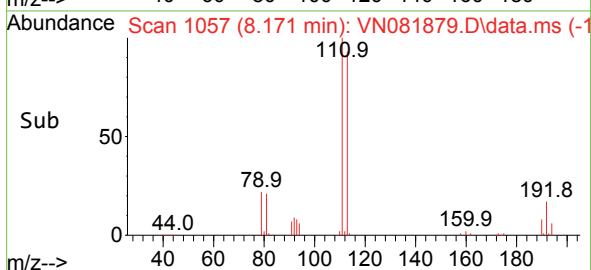
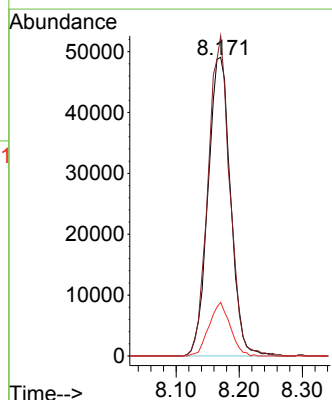
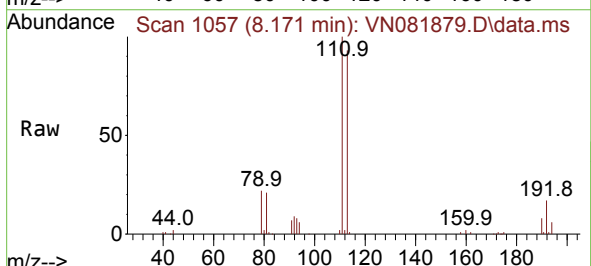
Tgt Ion:113 Resp: 121345

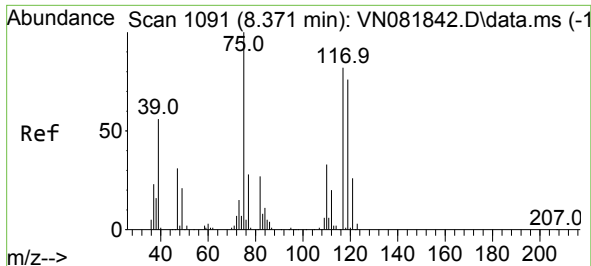
Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

192 16.9 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.416 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN081879.D

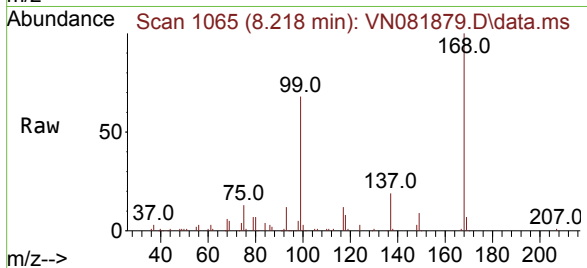
Acq: 26 Apr 2024 15:44

Instrument :

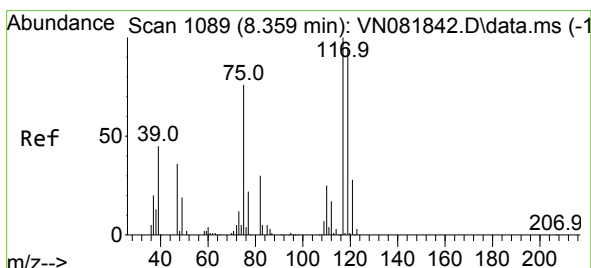
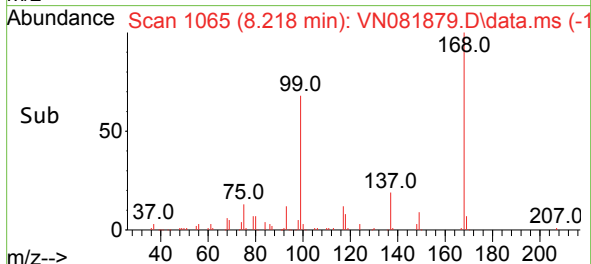
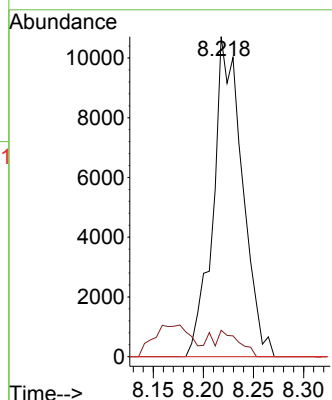
MSVOA_N

ClientSampleId :

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Tgt Ion:	75	Resp:	21645
Ion Ratio	Lower	Upper	
75	100		
110	7.5	17.8	53.5#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 6.231 ug/l

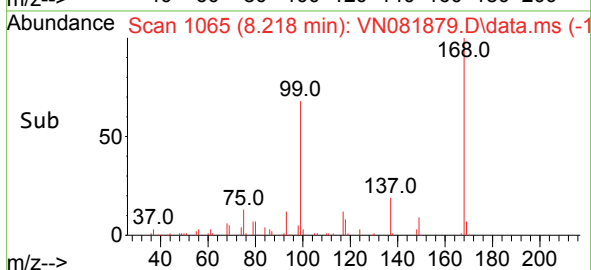
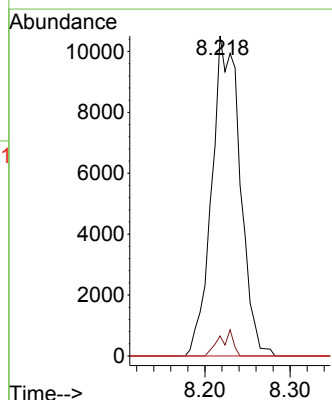
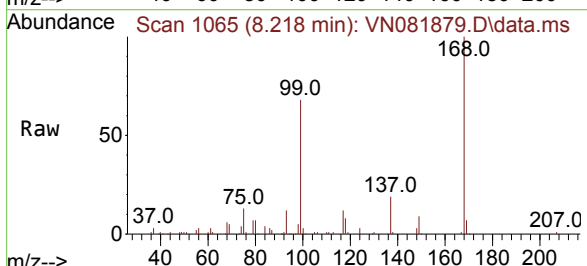
RT: 8.218 min Scan# 1065

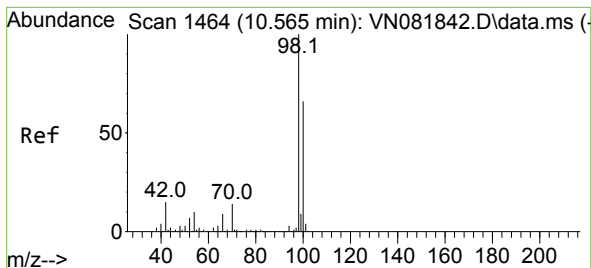
Delta R.T. -0.141 min

Lab File: VN081879.D

Acq: 26 Apr 2024 15:44

Tgt Ion:	117	Resp:	24338
Ion Ratio	Lower	Upper	
117	100		
119	6.3	76.5	114.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 51.863 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081879.D

Acq: 26 Apr 2024 15:44

Instrument :

MSVOA_N

ClientSampleId :

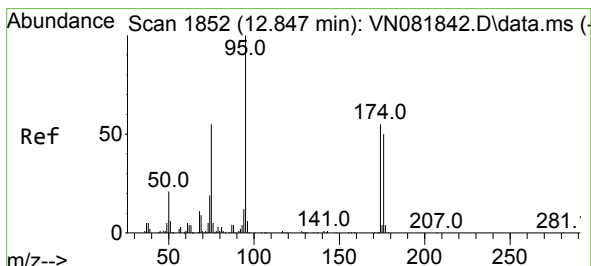
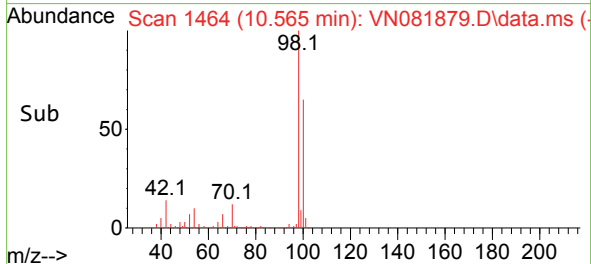
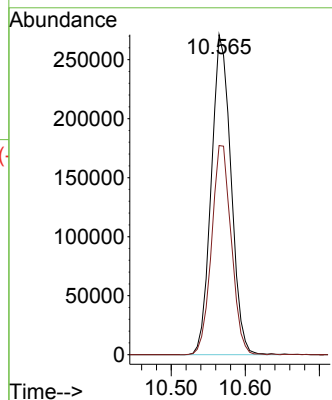
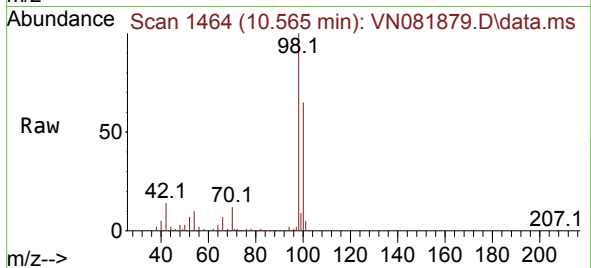
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 500333

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 46.578 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081879.D

Acq: 26 Apr 2024 15:44

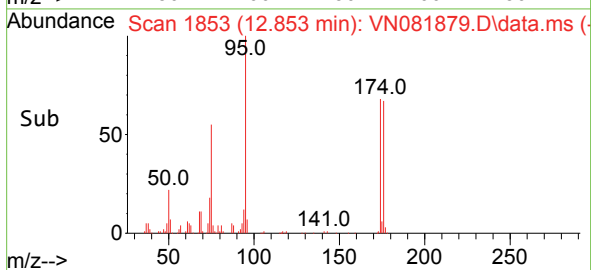
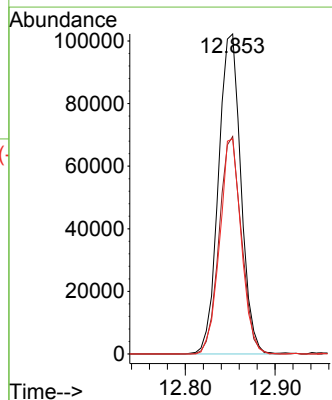
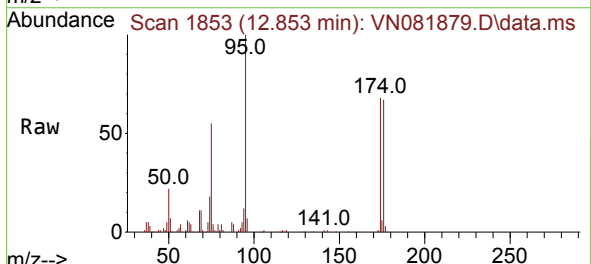
Tgt Ion: 95 Resp: 177627

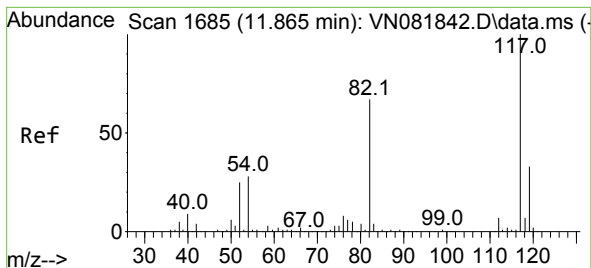
Ion Ratio Lower Upper

95 100

174 67.3 0.0 160.6

176 64.5 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081879.D

Acq: 26 Apr 2024 15:44

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

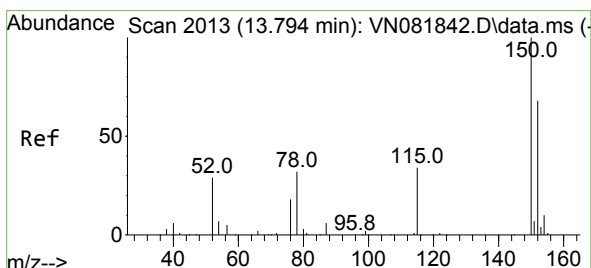
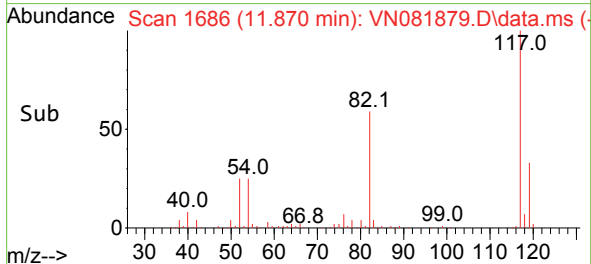
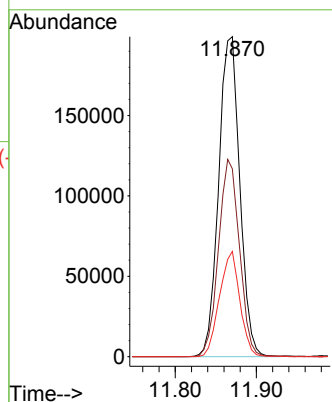
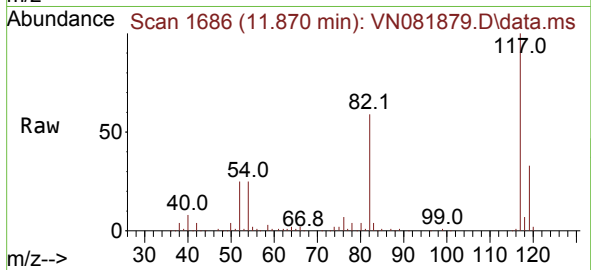
Tgt Ion:117 Resp: 360545

Ion Ratio Lower Upper

117 100

82 58.7 44.6 66.8

119 32.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081879.D

Acq: 26 Apr 2024 15:44

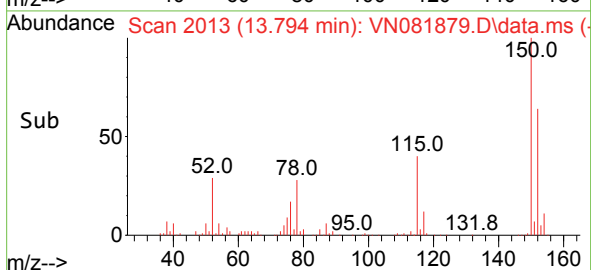
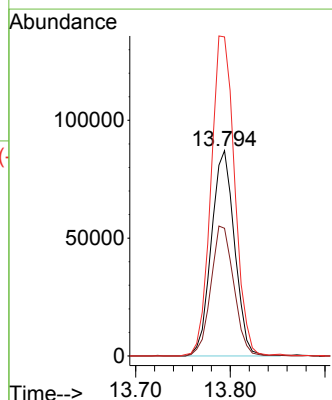
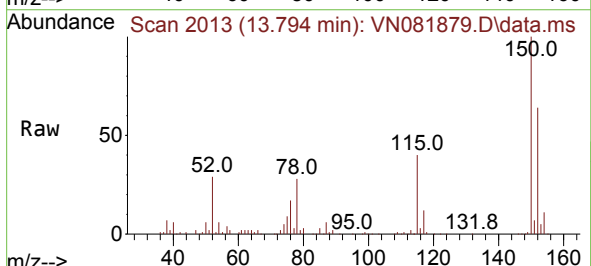
Tgt Ion:152 Resp: 148207

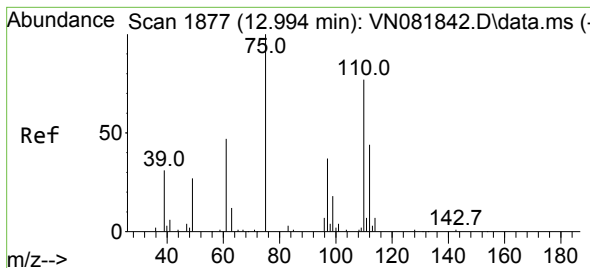
Ion Ratio Lower Upper

152 100

115 62.6 30.4 91.3

150 159.0 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 25.554 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081879.D

Acq: 26 Apr 2024 15:44

Instrument :

MSVOA_N

ClientSampleId :

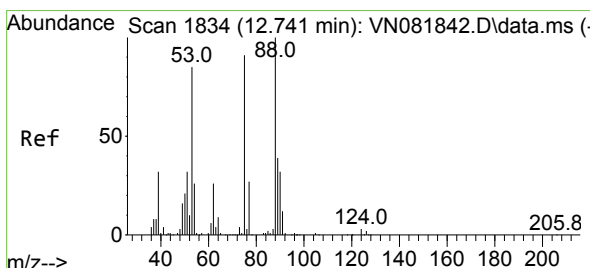
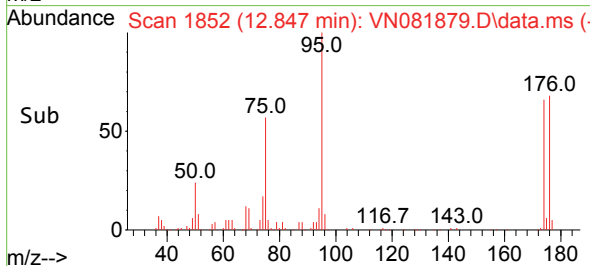
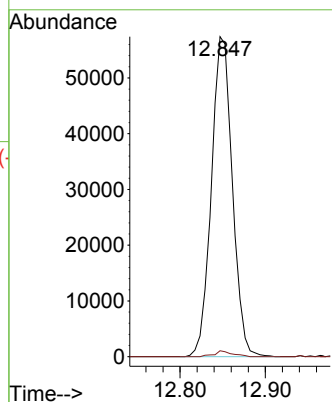
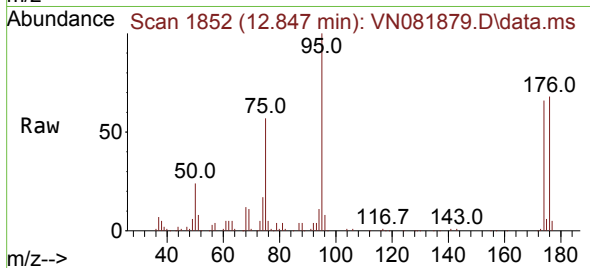
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 98195

Ion Ratio Lower Upper

75 100

77 1.6 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 52.363 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN081879.D

Acq: 26 Apr 2024 15:44

Tgt Ion: 75 Resp: 98195

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.1 39.1 58.7#

