

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040124\
 Data File : VN081642.D
 Acq On : 01 Apr 2024 12:22
 Operator : JC\MD
 Sample : P1928-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 02 01:13:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

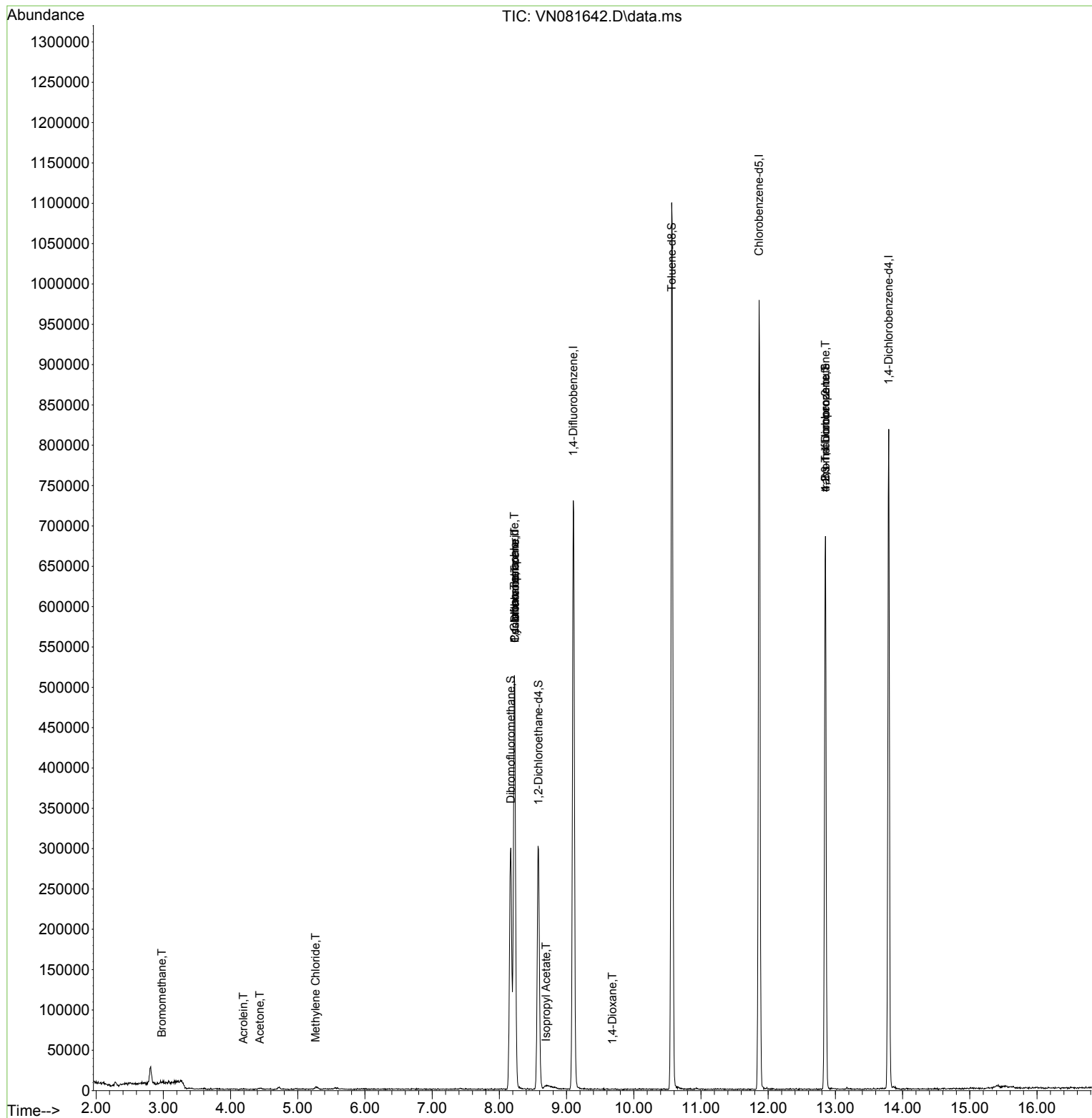
Internal Standards						
1) Pentafluorobenzene	8.230	168	357987	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	654957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	580075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	246197	53.928	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.860%	
35) Dibromofluoromethane	8.171	113	213258	51.593	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.180%	
50) Toluene-d8	10.565	98	779525	52.170	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	12.853	95	234669	44.572	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 89.140%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	1559	0.409	ug/l	# 9
13) Acrolein	4.189	56	514	0.720	ug/l	# 47
16) Acetone	4.436	43	2687	1.821	ug/l	# 84
20) Methylene Chloride	5.265	84	1412	0.292	ug/l	# 41
31) Cyclohexane	8.230	56	8437	1.136	ug/l	# 1
36) 1,1-Dichloropropene	8.230	75	30372	4.366	ug/l	# 52
38) Carbon Tetrachloride	8.224	117	40223	5.279	ug/l	# 20
43) Isopropyl Acetate	8.694	43	3596	0.364	ug/l	# 57
49) 1,4-Dioxane	9.682	88	56	0.512	ug/l	# 7
76) 1,2,3-Trichloropropane	12.853	75	124091	23.949	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	124091	64.719	ug/l	# 14

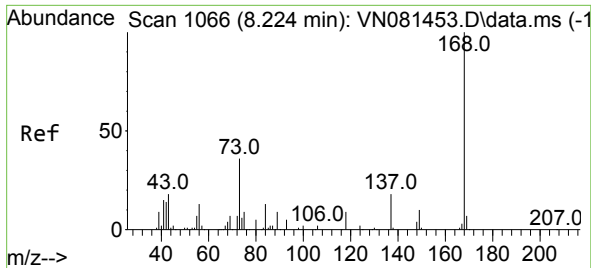
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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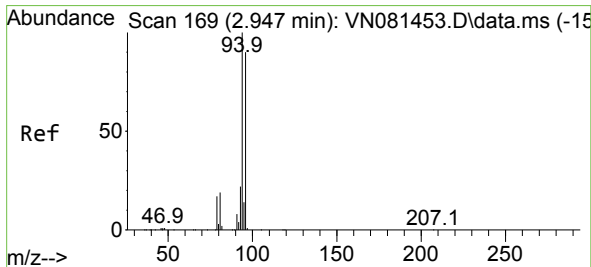
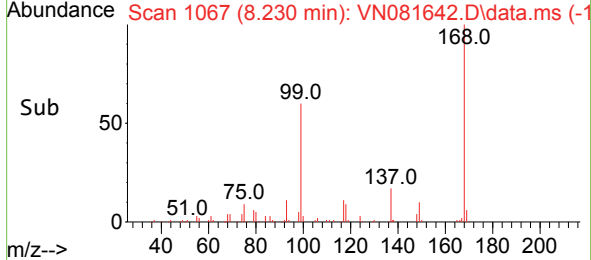
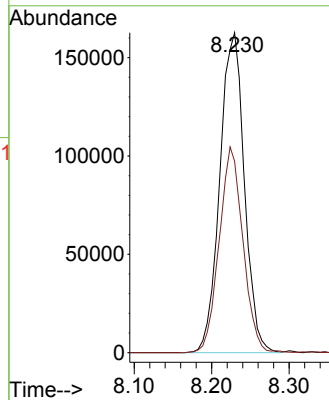
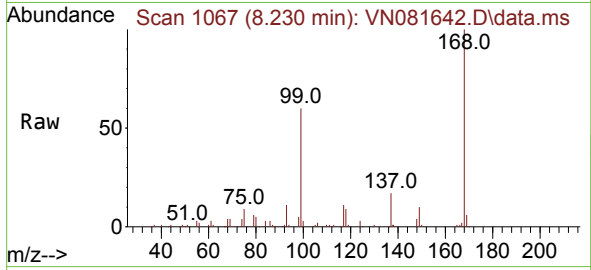




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081642.D
Acq: 01 Apr 2024 12:22

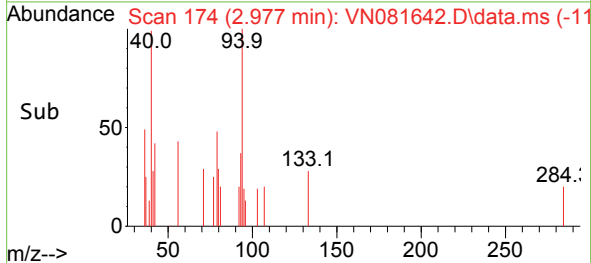
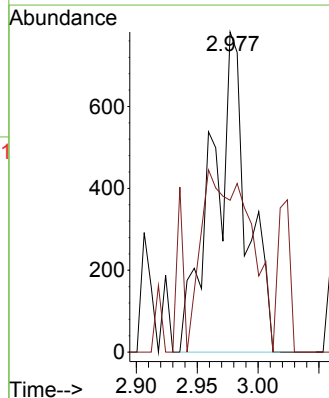
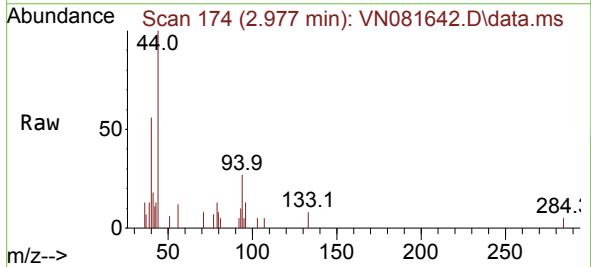
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

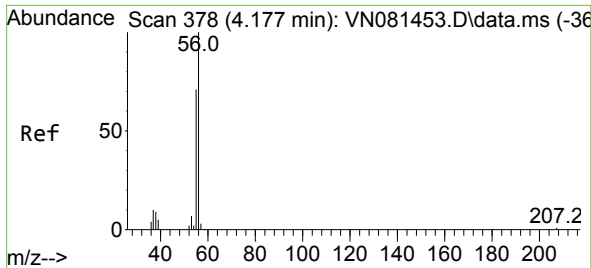
Tgt Ion:168 Resp: 357987
Ion Ratio Lower Upper
168 100
99 59.8 59.9 89.9#



#5
Bromomethane
Concen: 0.409 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.029 min
Lab File: VN081642.D
Acq: 01 Apr 2024 12:22

Tgt Ion: 94 Resp: 1559
Ion Ratio Lower Upper
94 100
96 2.4 69.2 103.8#

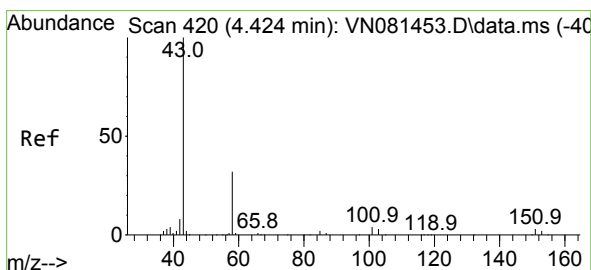
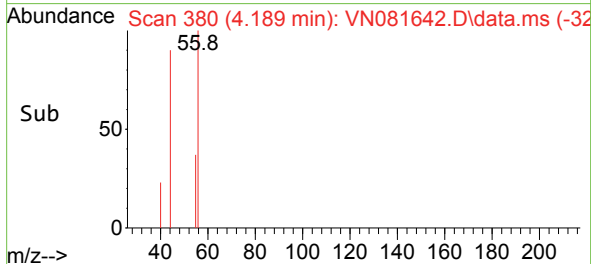
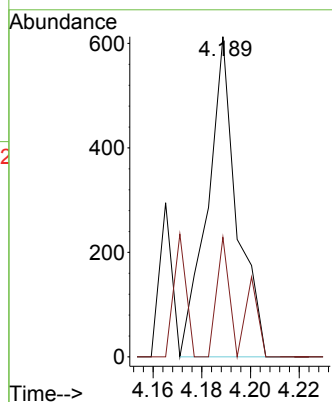
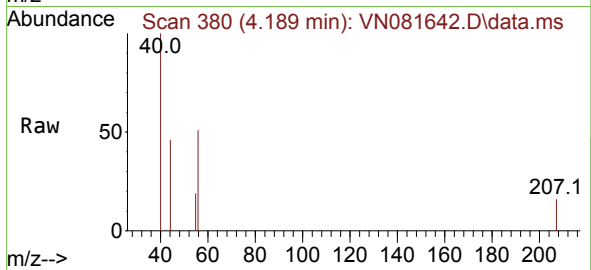




#13
Acrolein
Concen: 0.720 ug/l
RT: 4.189 min Scan# 378
Delta R.T. 0.012 min
Lab File: VN081642.D
Acq: 01 Apr 2024 12:22

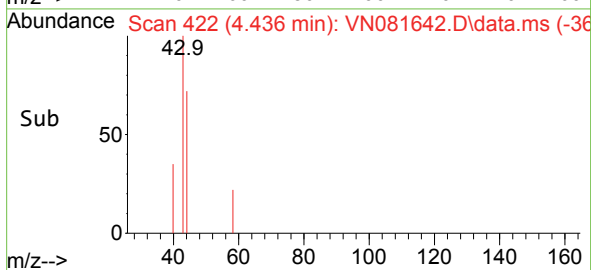
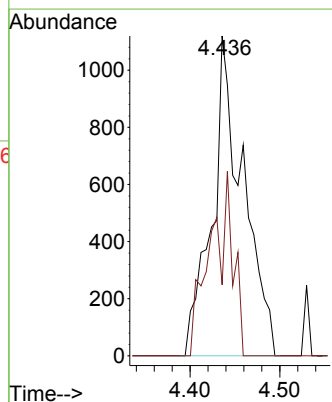
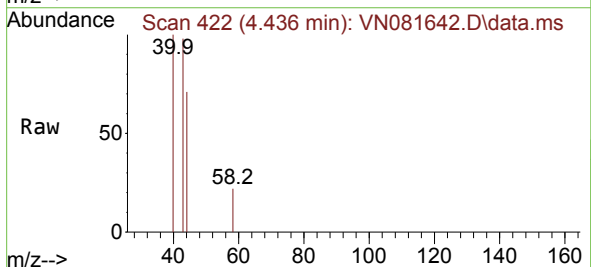
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

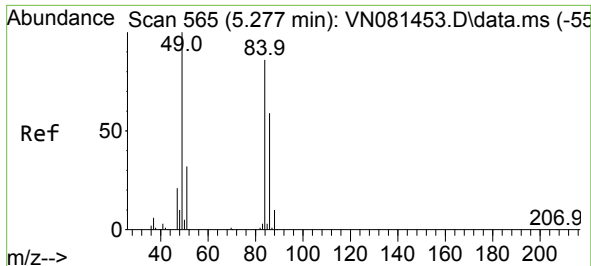
Tgt Ion: 56 Resp: 514
Ion Ratio Lower Upper
56 100
55 26.3 55.3 82.9#



#16
Acetone
Concen: 1.821 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081642.D
Acq: 01 Apr 2024 12:22

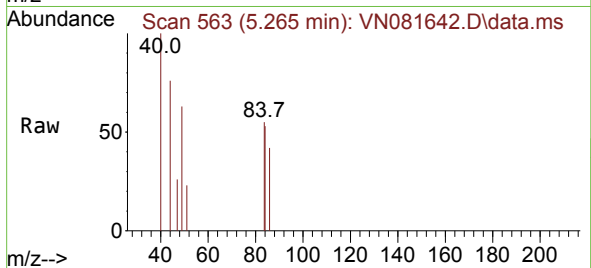
Tgt Ion: 43 Resp: 2687
Ion Ratio Lower Upper
43 100
58 22.2 24.8 37.2#



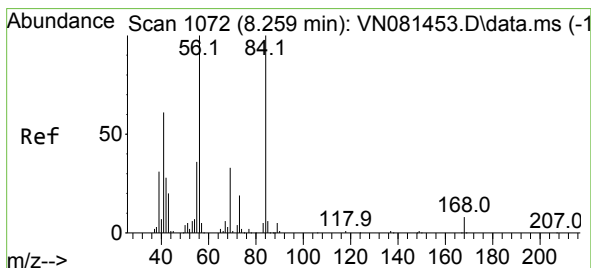
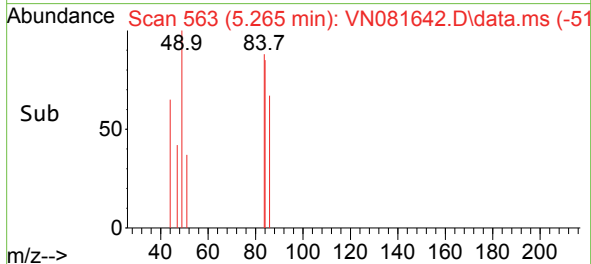
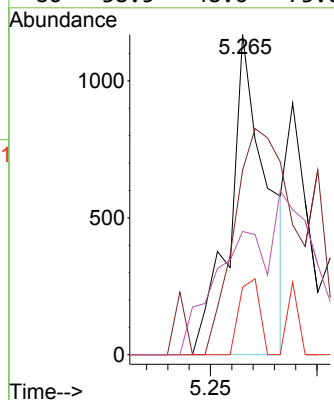


#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN081642.D
Acq: 01 Apr 2024 12:22

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

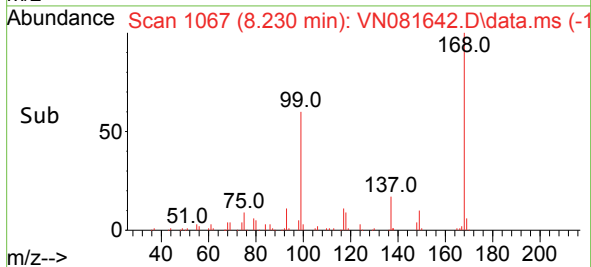
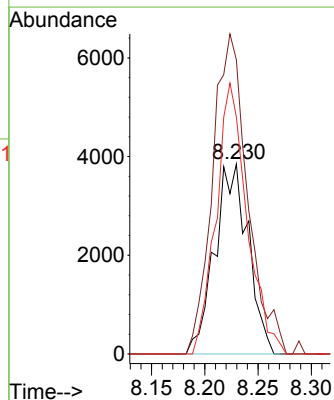
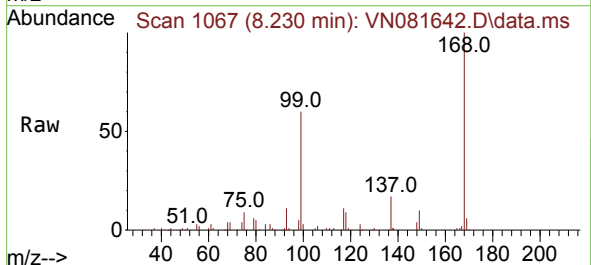


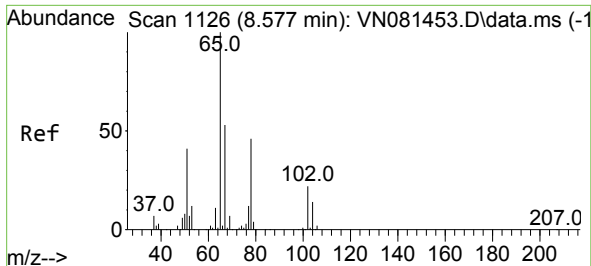
Tgt Ion:	84	Resp:	1412
Ion	Ratio	Lower	Upper
84	100		
49	38.1	108.1	162.1#
51	21.1	32.9	49.3#
86	38.5	48.6	73.0#



#31
Cyclohexane
Concen: 1.136 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081642.D
Acq: 01 Apr 2024 12:22

Tgt Ion:	56	Resp:	8437
Ion	Ratio	Lower	Upper
56	100		
69	154.9	20.1	30.1#
84	124.8	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 53.928 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081642.D

Acq: 01 Apr 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

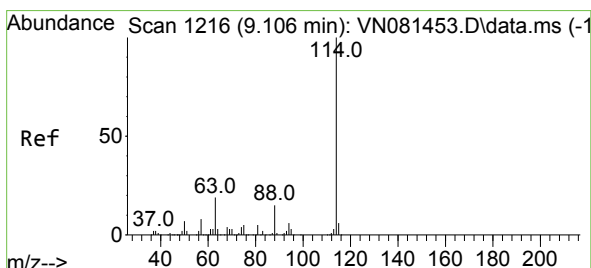
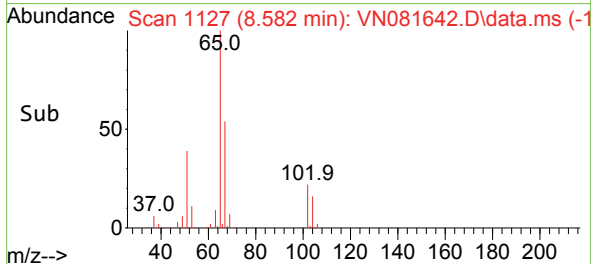
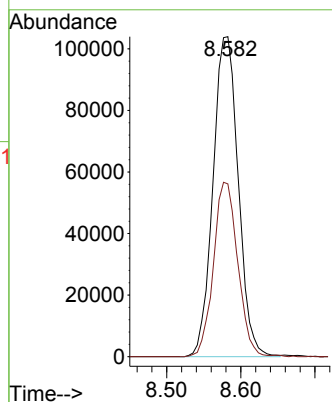
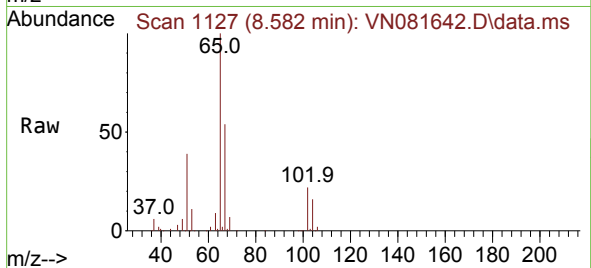
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 246197

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081642.D

Acq: 01 Apr 2024 12:22

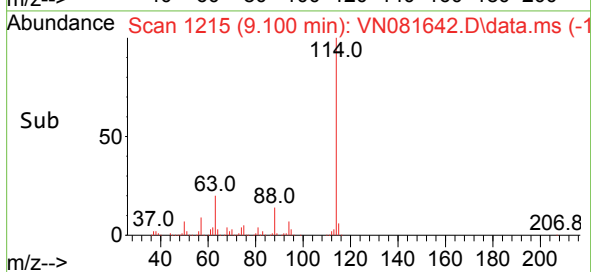
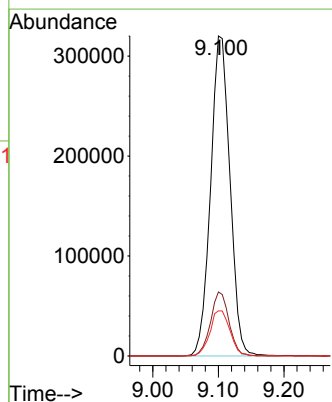
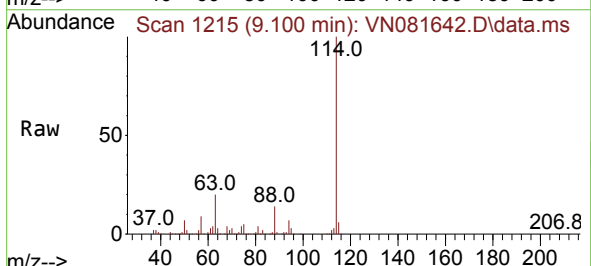
Tgt Ion: 114 Resp: 654957

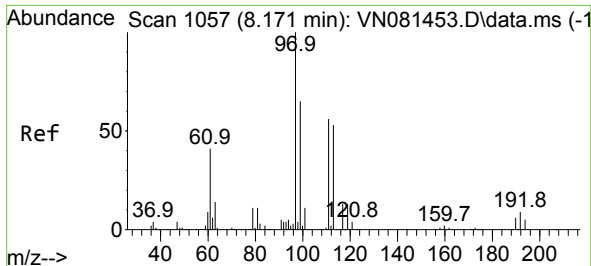
Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

88 14.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.593 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081642.D

Acq: 01 Apr 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

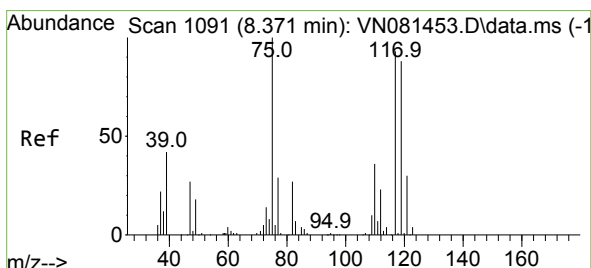
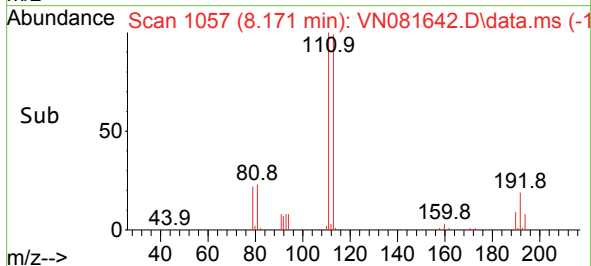
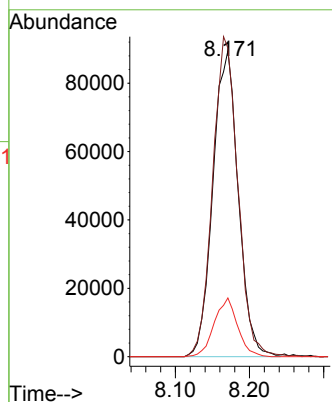
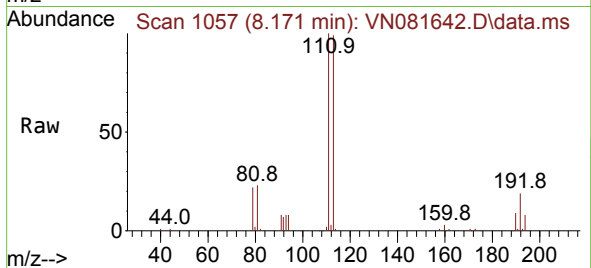
Tgt Ion:113 Resp: 213258

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 17.6 12.5 18.7



#36

1,1-Dichloropropene

Concen: 4.366 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN081642.D

Acq: 01 Apr 2024 12:22

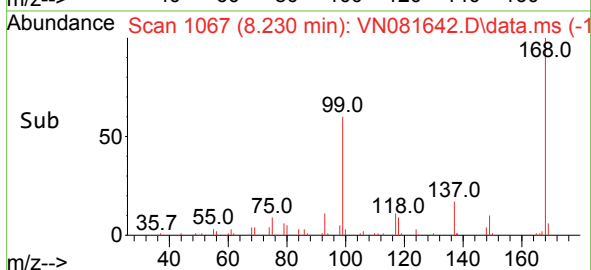
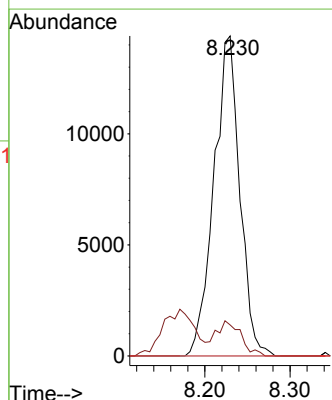
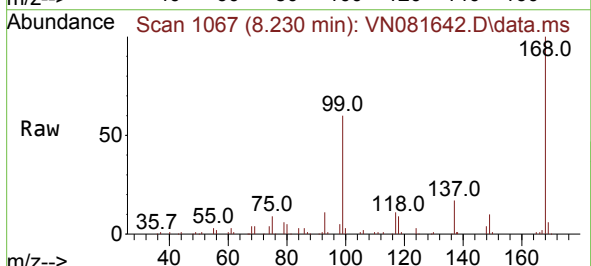
Tgt Ion: 75 Resp: 30372

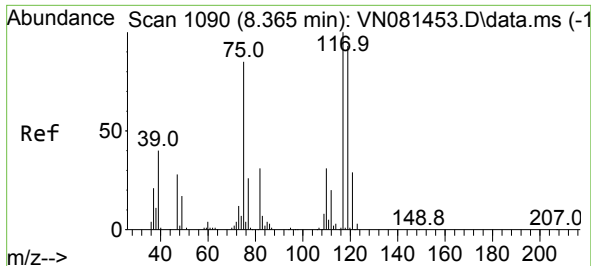
Ion Ratio Lower Upper

75 100

110 10.8 16.0 48.0#

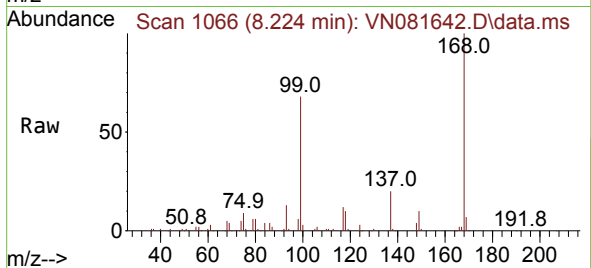
77 0.0 25.8 38.6#



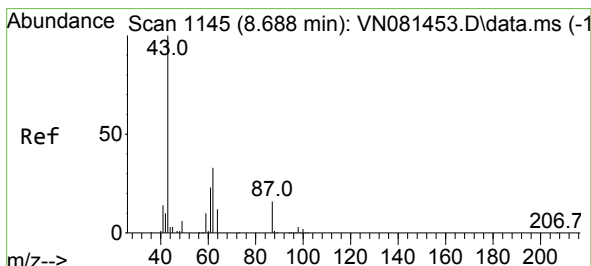
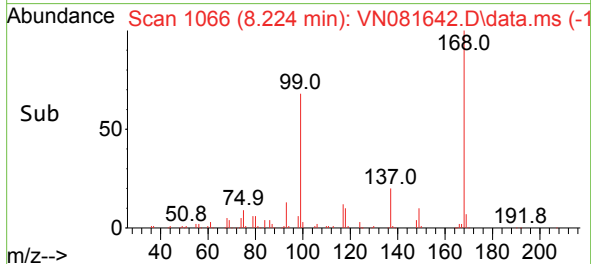
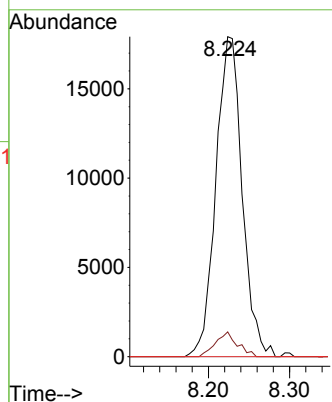


#38
Carbon Tetrachloride
Concen: 5.279 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081642.D
Acq: 01 Apr 2024 12:22

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

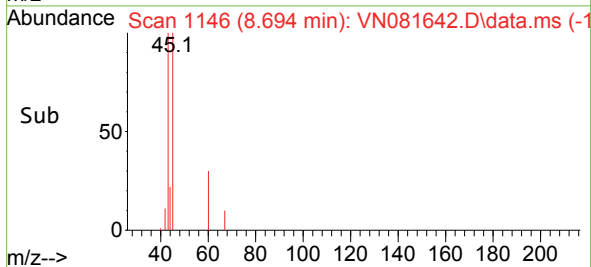
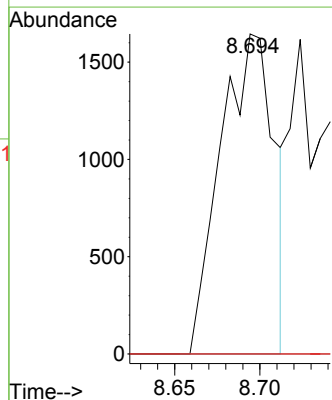
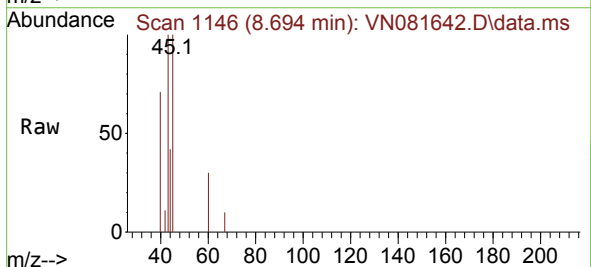


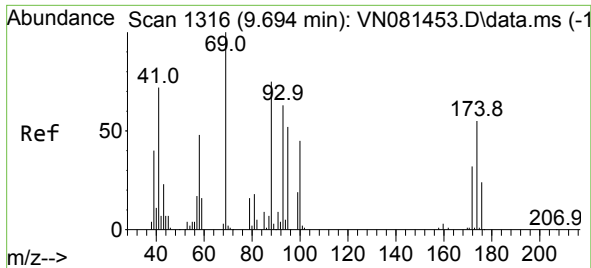
Tgt Ion:117 Resp: 40223
Ion Ratio Lower Upper
117 100
119 7.7 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.364 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081642.D
Acq: 01 Apr 2024 12:22

Tgt Ion: 43 Resp: 3596
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#





#49

1,4-Dioxane

Concen: 0.512 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN081642.D

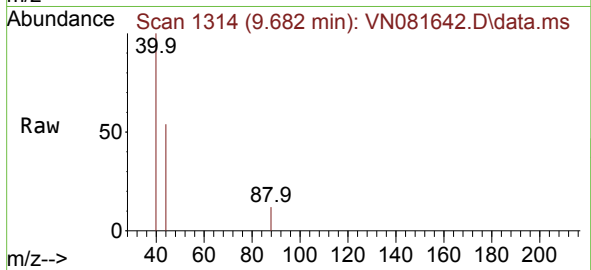
Acq: 01 Apr 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



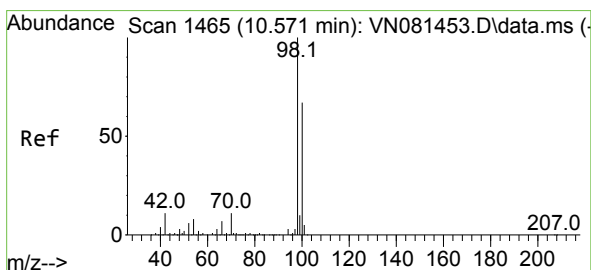
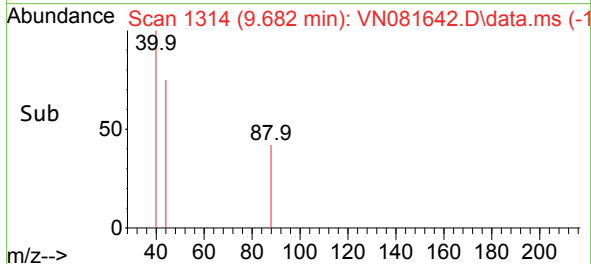
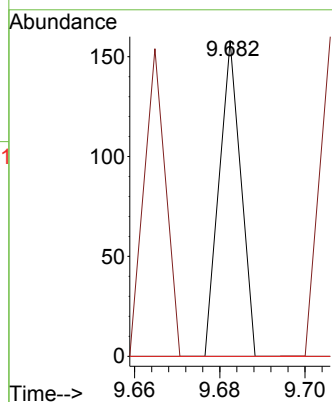
Tgt Ion: 88 Resp: 56

Ion Ratio Lower Upper

88 100

43 96.4 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 52.170 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081642.D

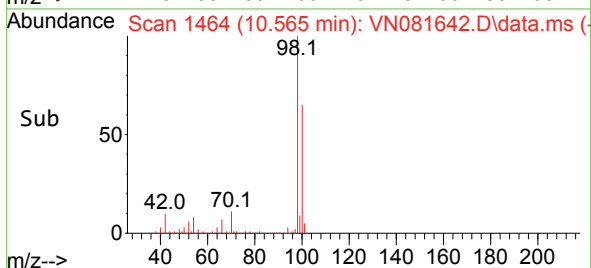
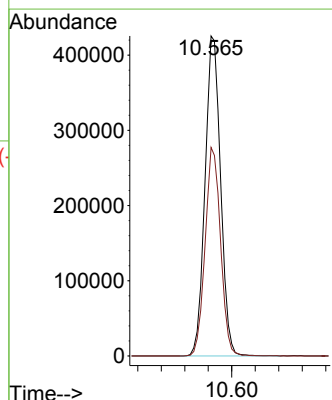
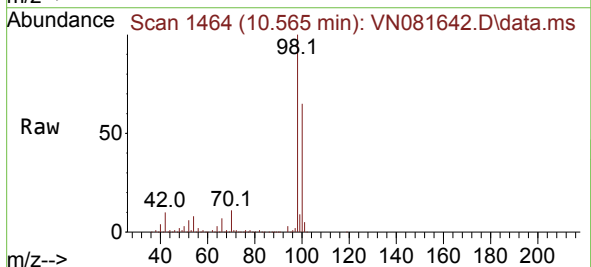
Acq: 01 Apr 2024 12:22

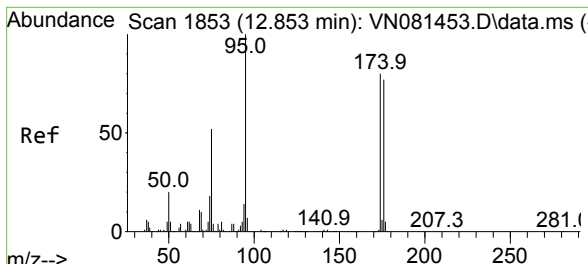
Tgt Ion: 98 Resp: 779525

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

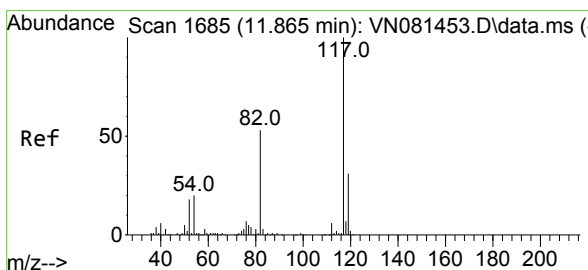
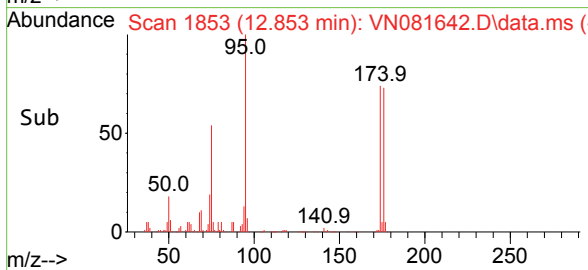
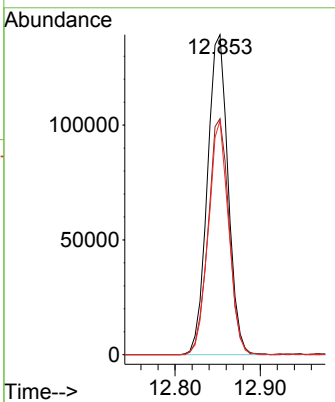
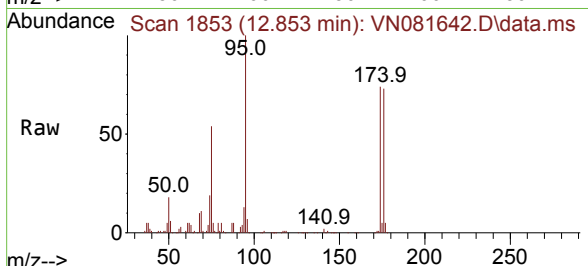




#62
 4-Bromofluorobenzene
 Concen: 44.572 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081642.D
 Acq: 01 Apr 2024 12:22

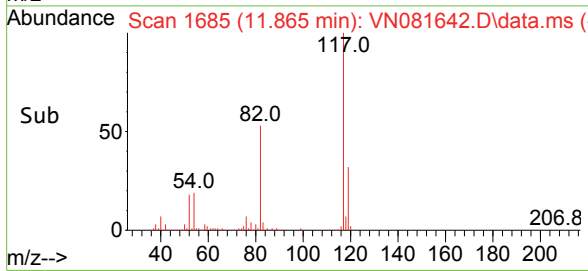
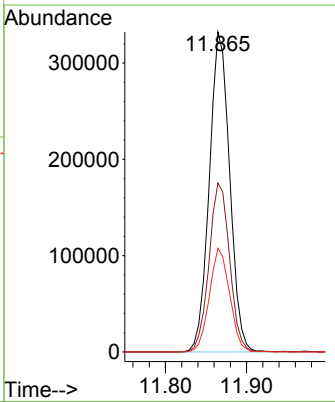
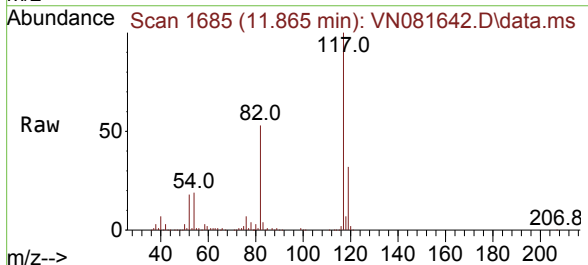
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SOIL-REF-6

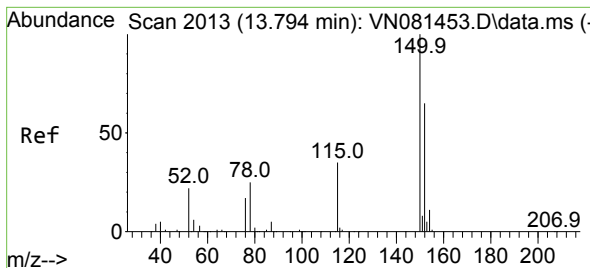
Tgt Ion:	95	Resp:	234669
Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	120.4
176	71.4	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081642.D
 Acq: 01 Apr 2024 12:22

Tgt Ion:	117	Resp:	580075
Ion	Ratio	Lower	Upper
117	100		
82	52.8	52.7	79.1
119	32.4	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081642.D

Acq: 01 Apr 2024 12:22

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

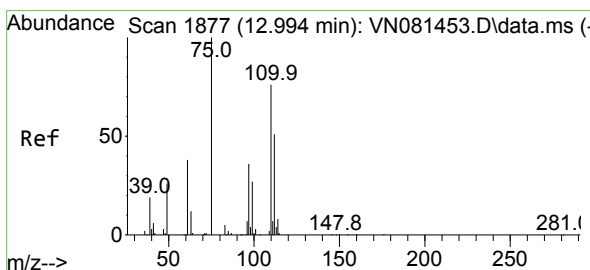
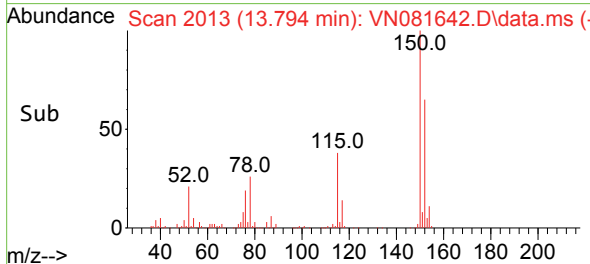
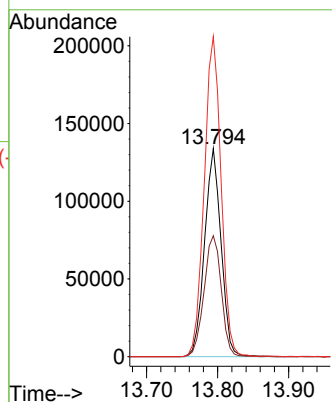
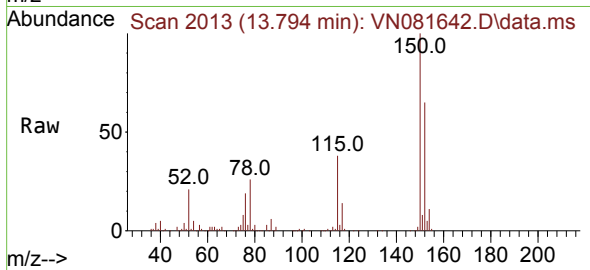
Tgt Ion:152 Resp: 216610

Ion Ratio Lower Upper

152 100

115 60.8 32.3 96.8

150 156.9 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 23.949 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081642.D

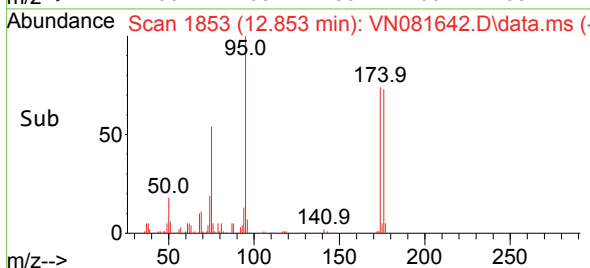
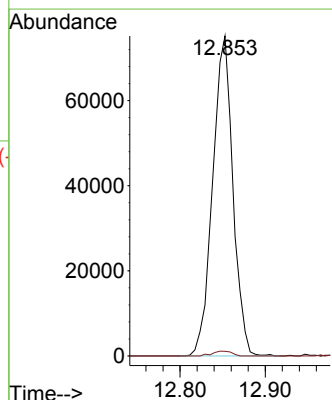
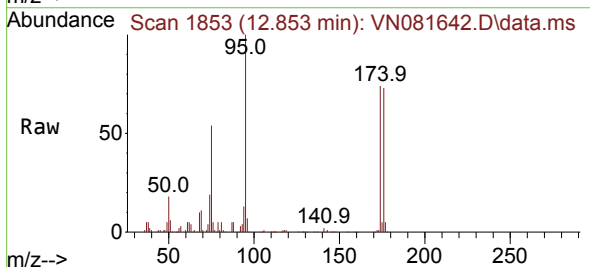
Acq: 01 Apr 2024 12:22

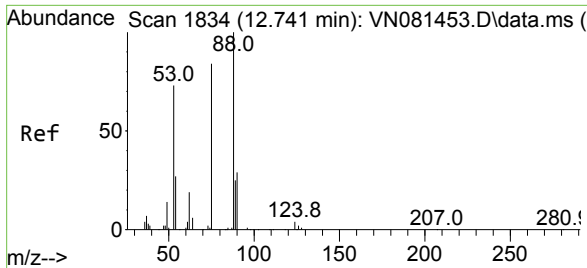
Tgt Ion: 75 Resp: 124091

Ion Ratio Lower Upper

75 100

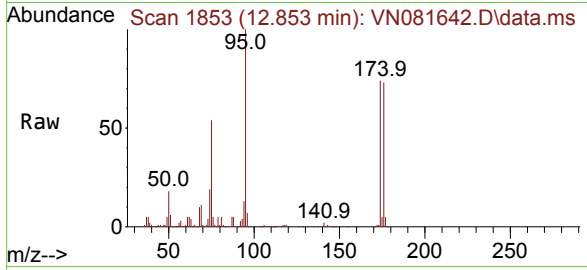
77 1.4 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.719 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081642.D
 Acq: 01 Apr 2024 12:22

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



Tgt Ion: 75 Resp: 124091
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.0 33.4 50.0#

