

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081343.D
 Acq On : 08 Mar 2024 13:50
 Operator : JC\MD
 Sample : P1717-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Mar 09 00:57:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

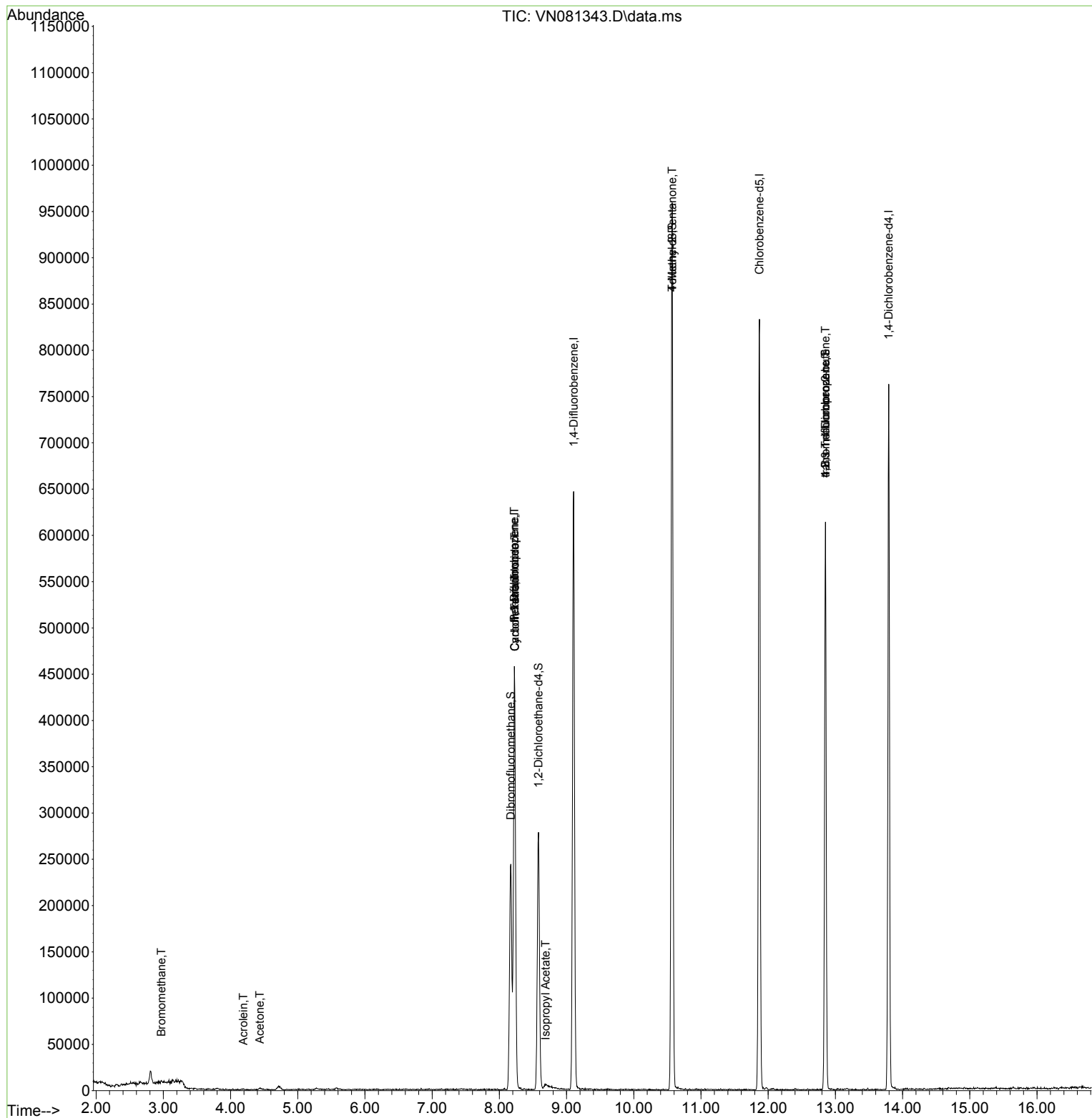
Internal Standards						
1) Pentafluorobenzene	8.224	168	293298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	541851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	471250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	223048	52.596	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.200%			
35) Dibromofluoromethane	8.171	113	175602	52.896	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.800%			
50) Toluene-d8	10.571	98	655675	52.835	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.660%			
62) 4-Bromofluorobenzene	12.853	95	203722	46.446	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 92.900%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	1089	0.372	ug/l #	18
13) Acrolein	4.189	56	484	0.551	ug/l #	41
16) Acetone	4.436	43	2182	1.452	ug/l	96
20) Methylene Chloride	5.271	84	605	Below Cal	#	44
31) Cyclohexane	8.230	56	7969	1.241	ug/l #	30
36) 1,1-Dichloropropene	8.224	75	28446	5.311	ug/l #	50
38) Carbon Tetrachloride	8.230	117	34612	6.421	ug/l #	18
43) Isopropyl Acetate	8.688	43	4728	0.516	ug/l #	57
51) 4-Methyl-2-Pentanone	10.571	43	3293	0.619	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	113684	26.003	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	113684	72.569	ug/l #	14

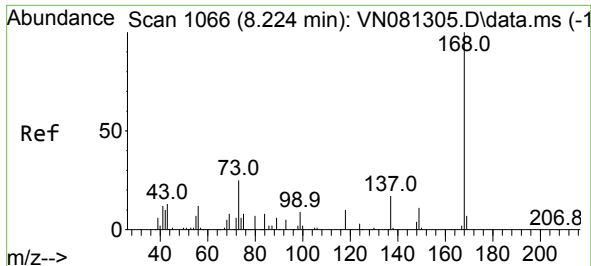
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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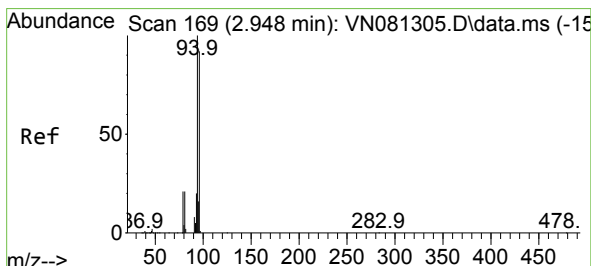
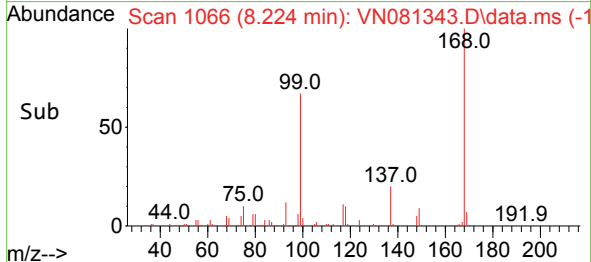
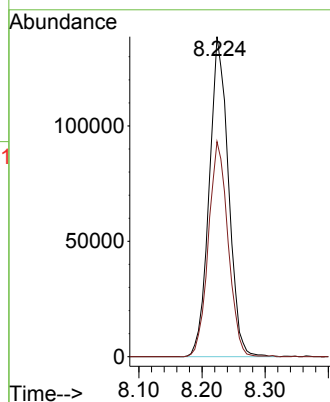
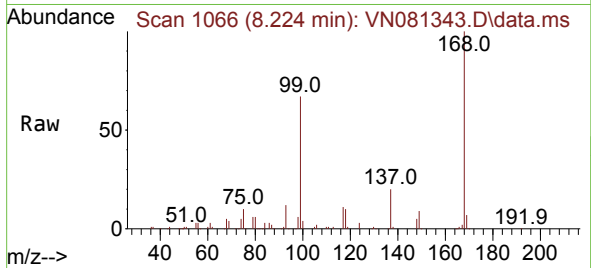




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

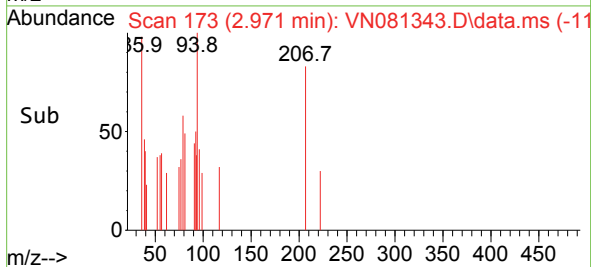
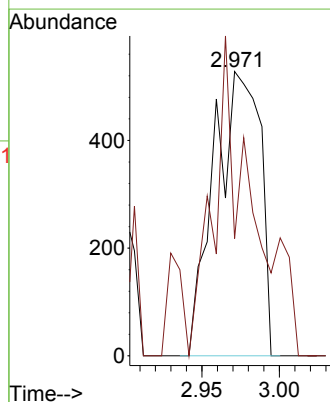
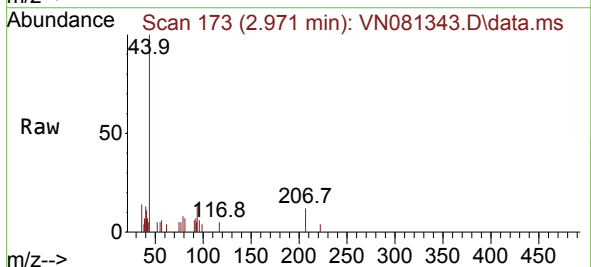
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

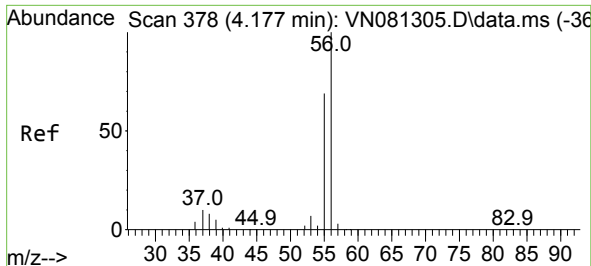
Tgt Ion:168 Resp: 293298
Ion Ratio Lower Upper
168 100
99 67.2 59.9 89.9



#5
Bromomethane
Concen: 0.372 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.024 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

Tgt Ion: 94 Resp: 1089
Ion Ratio Lower Upper
94 100
96 11.0 69.2 103.8#

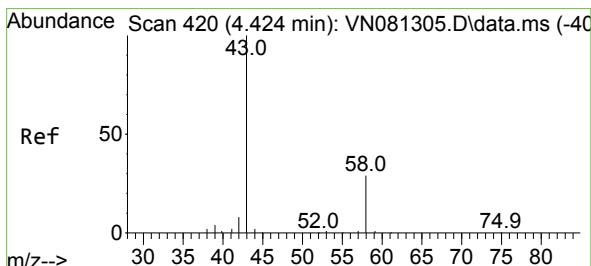
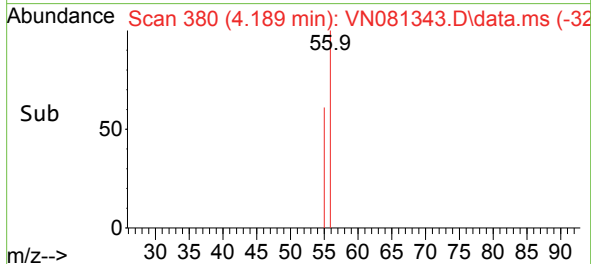
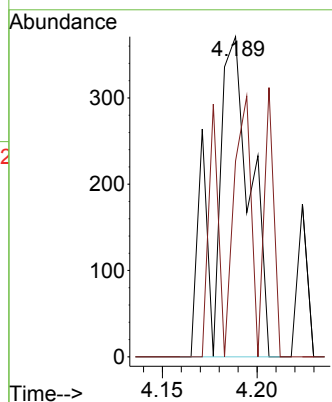
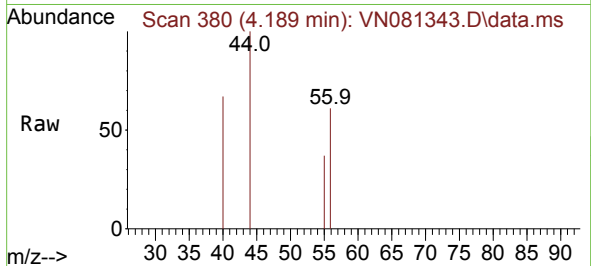




#13
Acrolein
Concen: 0.551 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

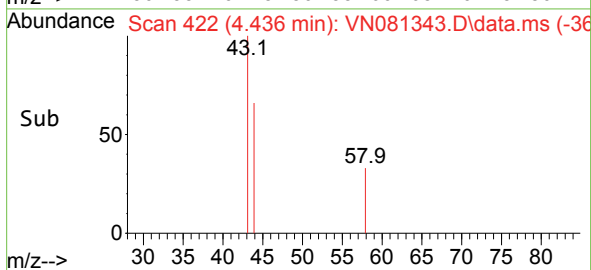
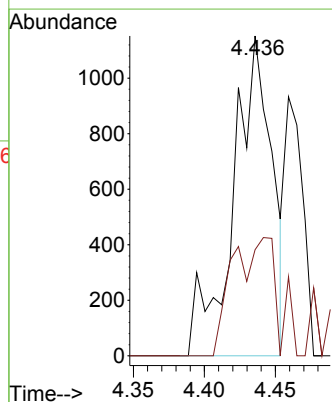
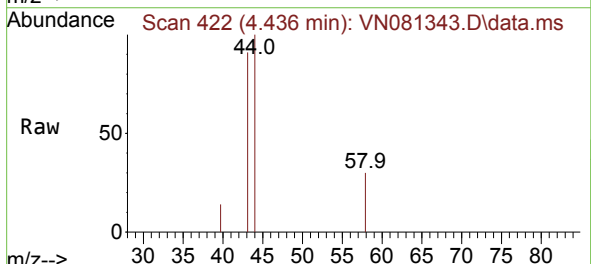
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

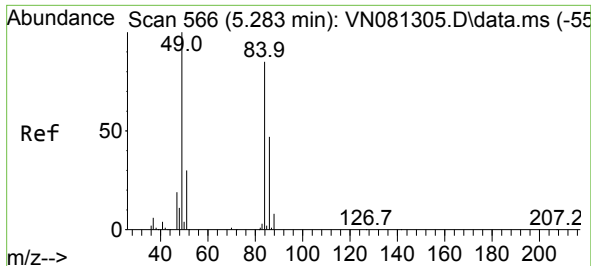
Tgt Ion: 56 Resp: 484
Ion Ratio Lower Upper
56 100
55 21.3 55.3 82.9#



#16
Acetone
Concen: 1.452 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

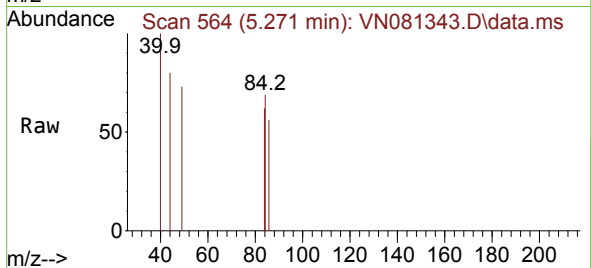
Tgt Ion: 43 Resp: 2182
Ion Ratio Lower Upper
43 100
58 33.2 24.8 37.2



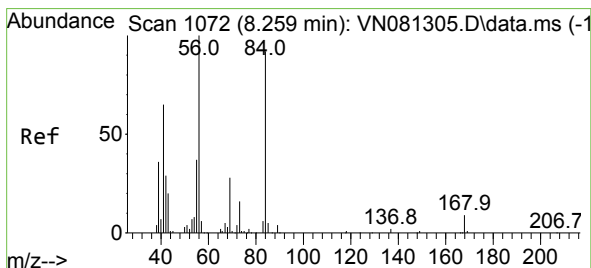
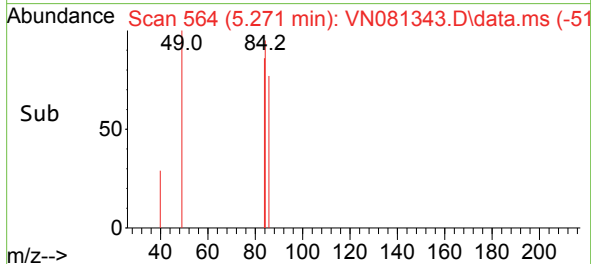
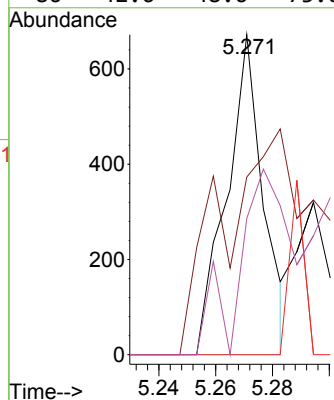


#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

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

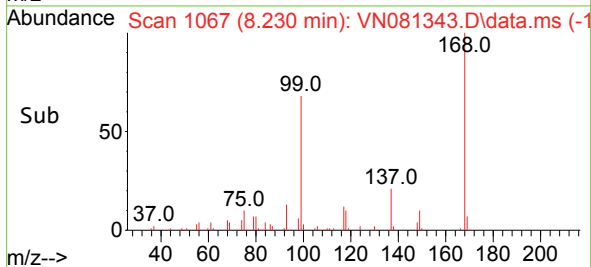
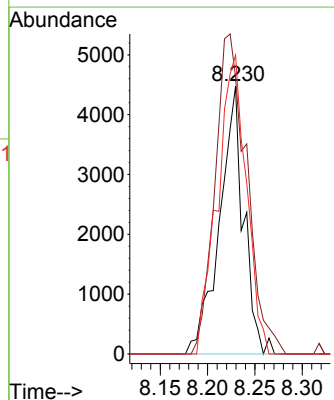
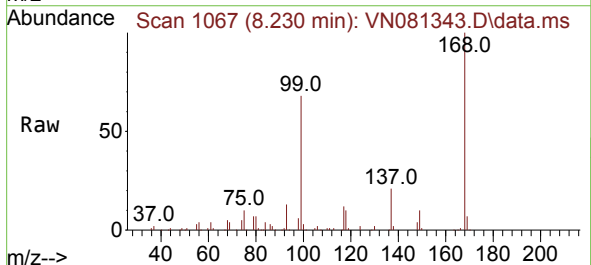


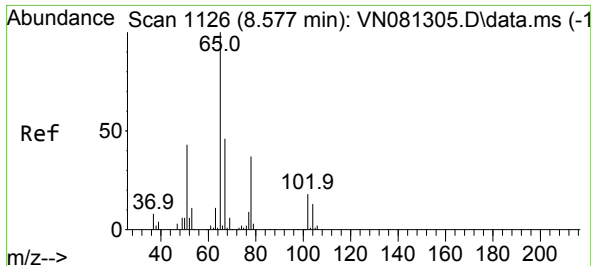
Tgt Ion:	84	Resp:	605
Ion	Ratio	Lower	Upper
84	100		
49	55.5	108.1	162.1#
51	0.0	32.9	49.3#
86	42.6	48.6	73.0#



#31
Cyclohexane
Concen: 1.241 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

Tgt Ion:	56	Resp:	7969
Ion	Ratio	Lower	Upper
56	100		
69	99.0	20.1	30.1#
84	106.8	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 52.596 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081343.D

Acq: 08 Mar 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

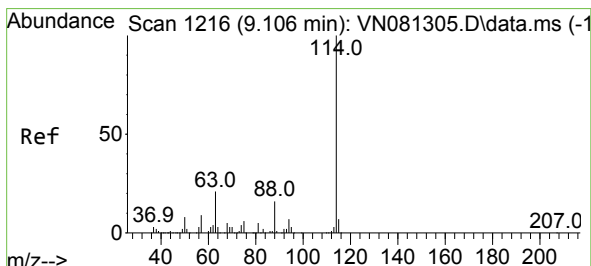
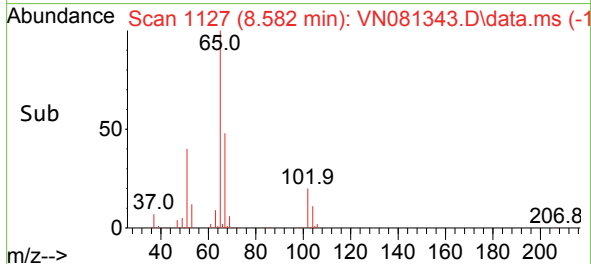
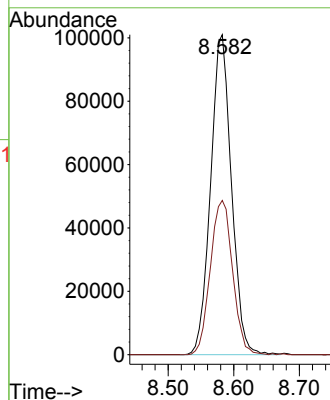
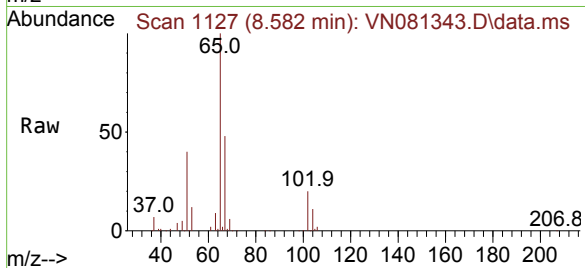
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 223048

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN081343.D

Acq: 08 Mar 2024 13:50

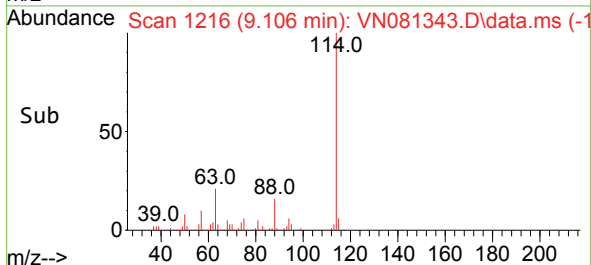
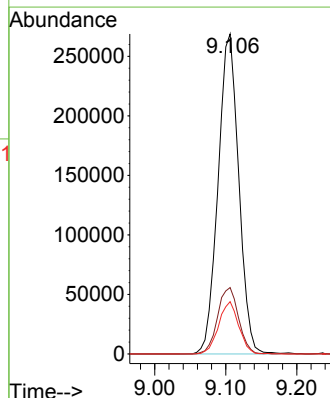
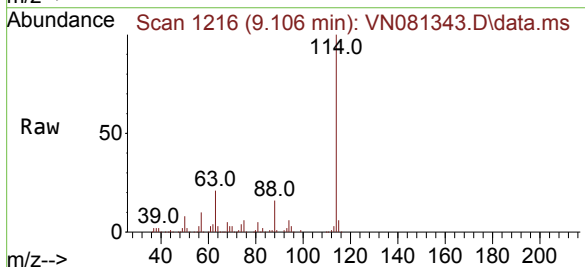
Tgt Ion: 114 Resp: 541851

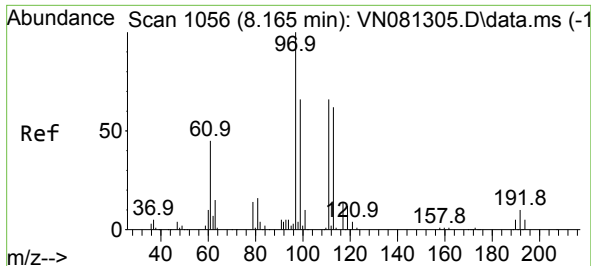
Ion Ratio Lower Upper

114 100

63 20.8 0.0 48.0

88 16.3 0.0 34.8

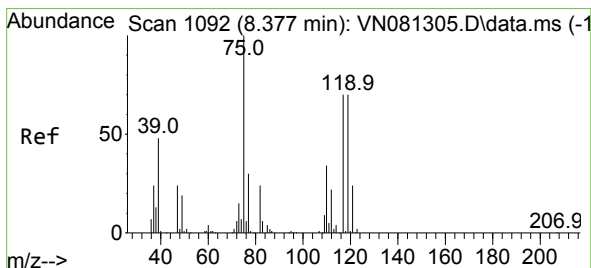
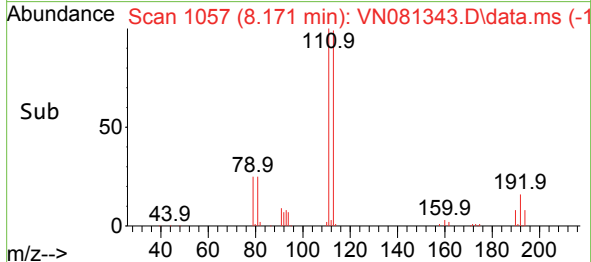
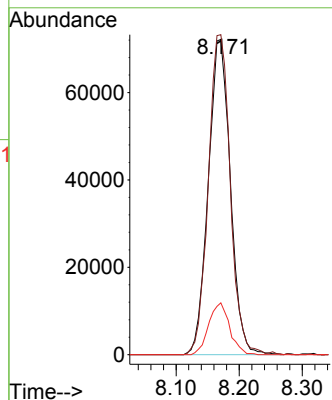
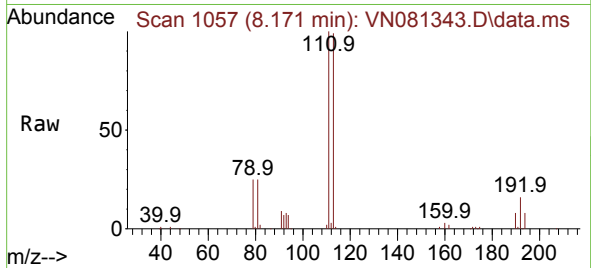




#35
Dibromofluoromethane
Concen: 52.896 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

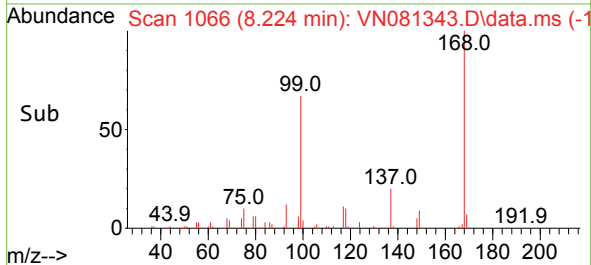
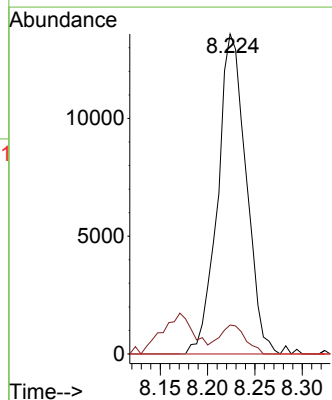
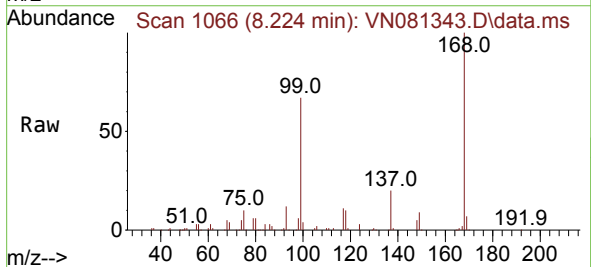
Instrument :
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STORAGE-BLANK-SOIL-REF-6

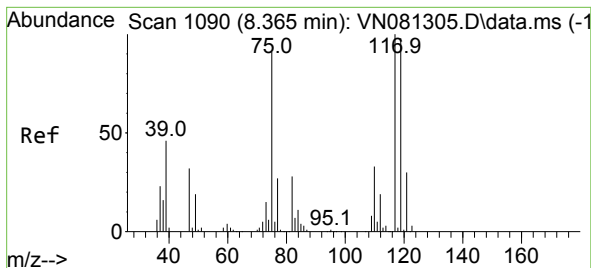
Tgt Ion:113 Resp: 175602
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.4
192 15.6 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.311 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

Tgt Ion: 75 Resp: 28446
Ion Ratio Lower Upper
75 100
110 8.4 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.421 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN081343.D

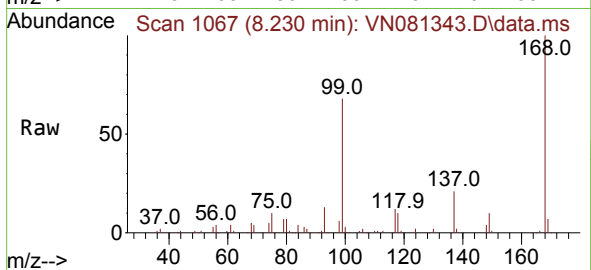
Acq: 08 Mar 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



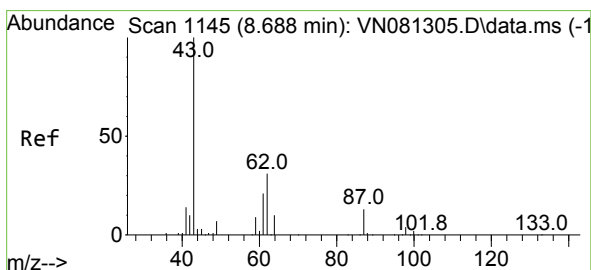
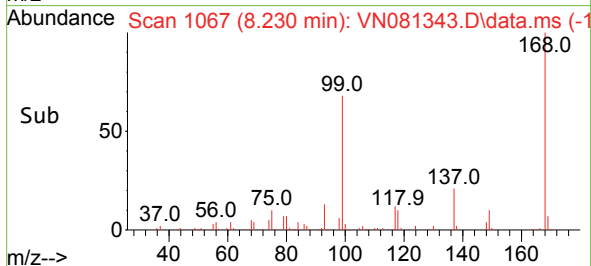
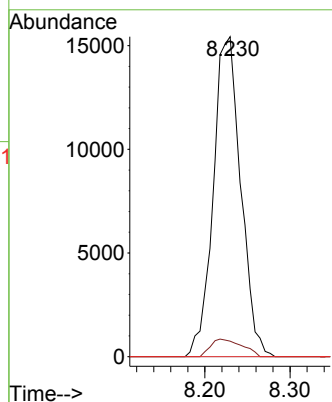
Tgt Ion:117 Resp: 34612

Ion Ratio Lower Upper

117 100

119 4.8 73.4 110.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 0.516 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN081343.D

Acq: 08 Mar 2024 13:50

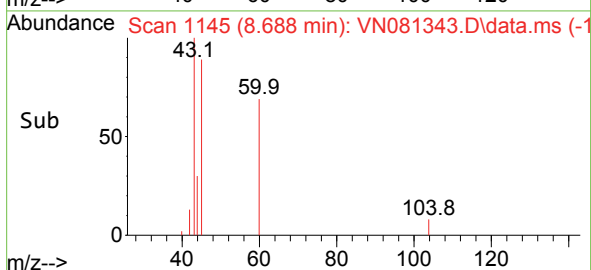
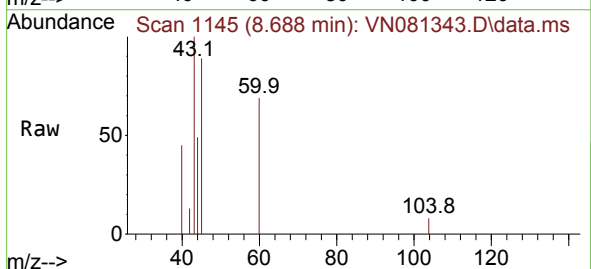
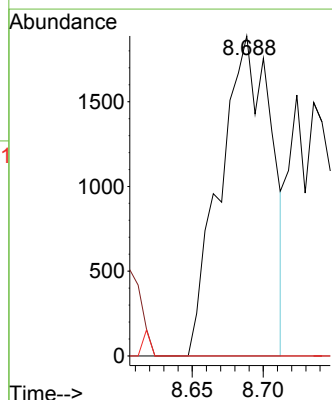
Tgt Ion: 43 Resp: 4728

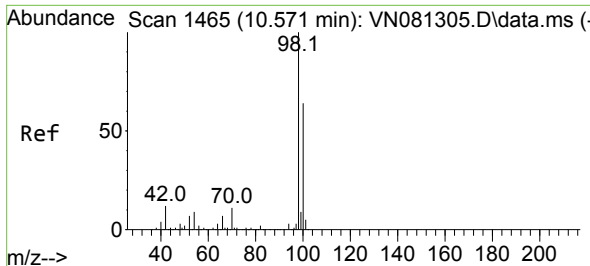
Ion Ratio Lower Upper

43 100

61 0.0 19.9 29.9#

87 0.0 9.0 13.6#

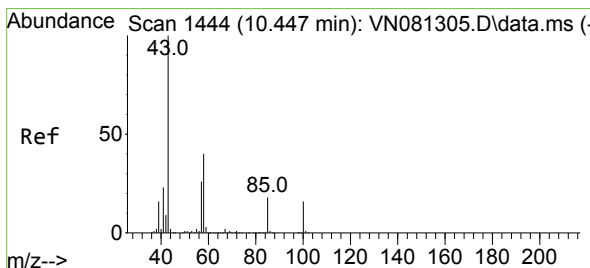
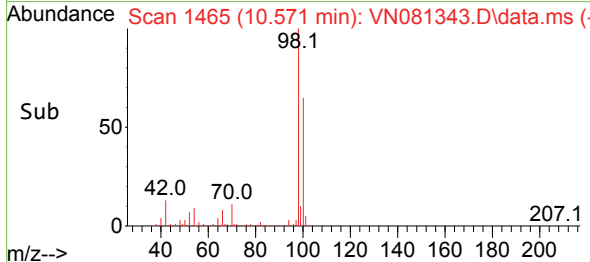
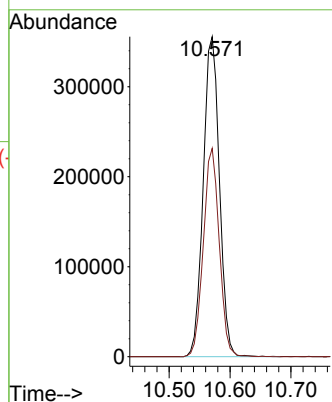
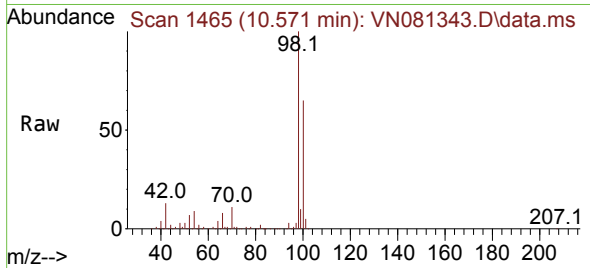




#50
Toluene-d8
Concen: 52.835 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

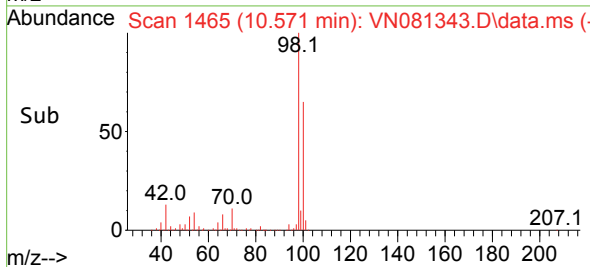
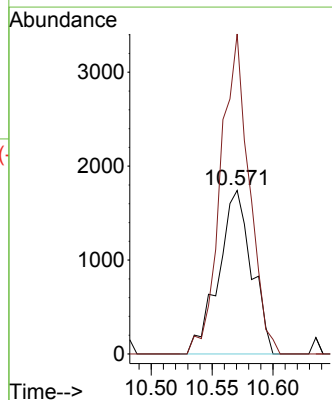
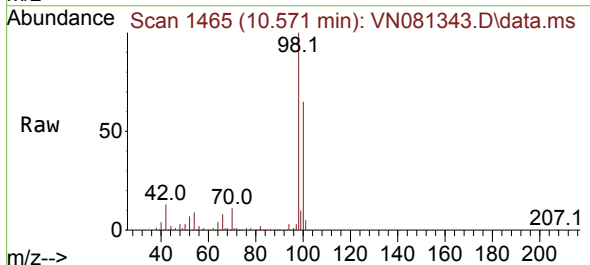
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

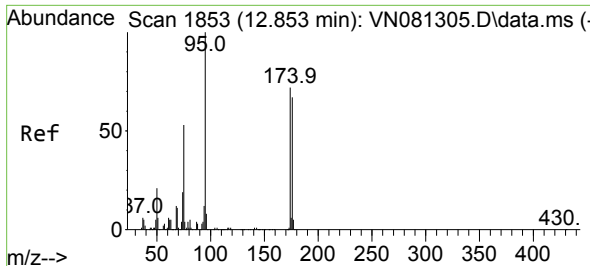
Tgt Ion: 98 Resp: 655675
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.619 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

Tgt Ion: 43 Resp: 3293
Ion Ratio Lower Upper
43 100
58 169.5 29.4 44.0#

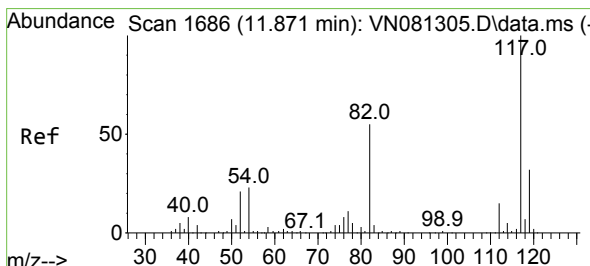
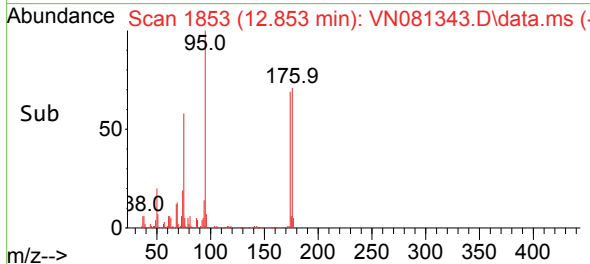
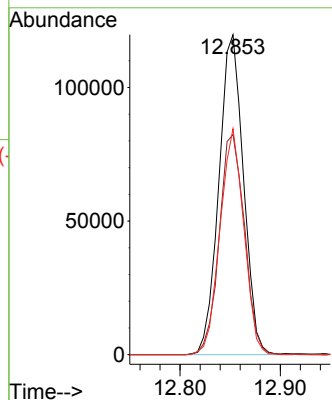
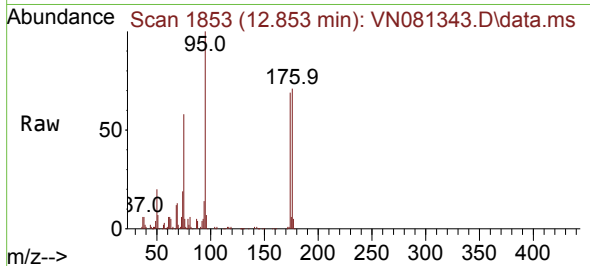




#62
4-Bromofluorobenzene
Concen: 46.446 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

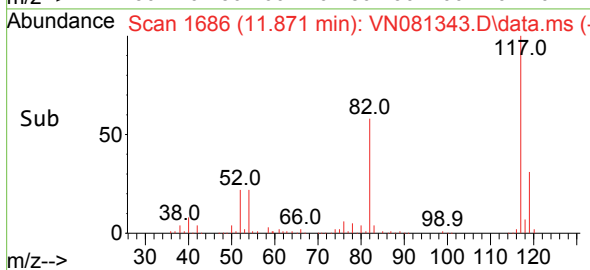
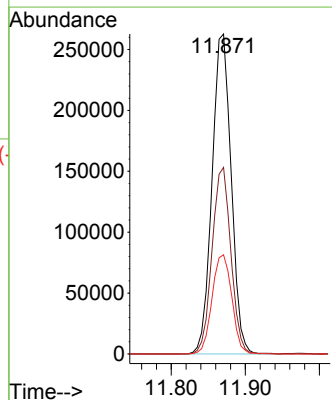
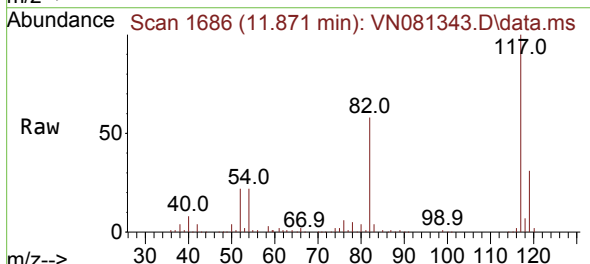
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

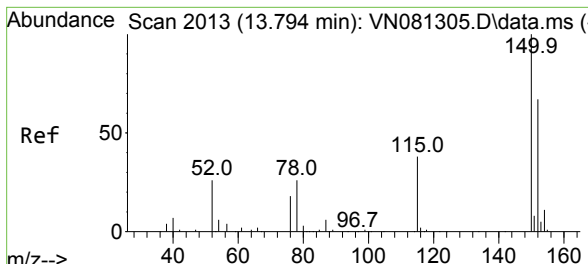
Tgt Ion: 95 Resp: 203722
Ion Ratio Lower Upper
95 100
174 70.9 0.0 120.4
176 68.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

Tgt Ion: 117 Resp: 471250
Ion Ratio Lower Upper
117 100
82 58.3 52.7 79.1
119 31.0 25.3 37.9

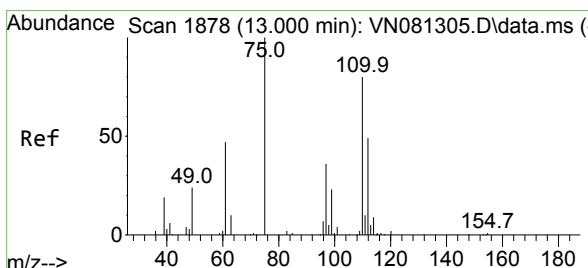
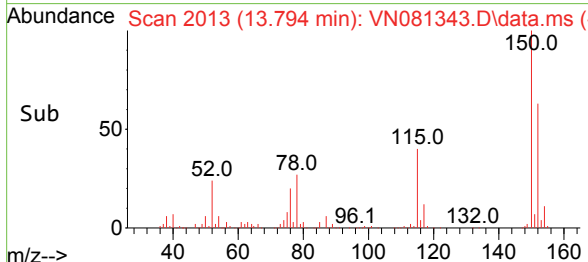
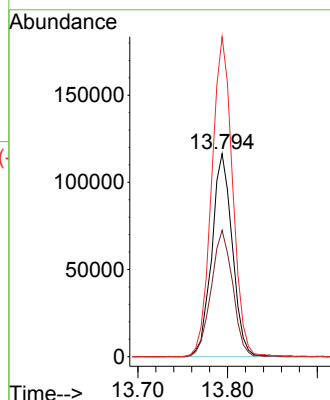
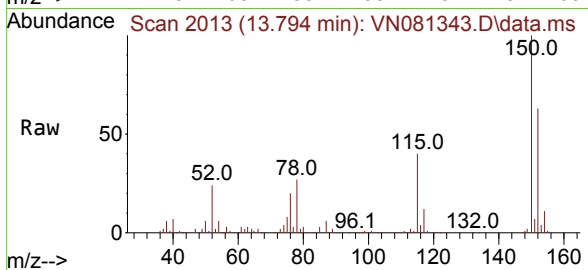




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN081343.D
 Acq: 08 Mar 2024 13:50

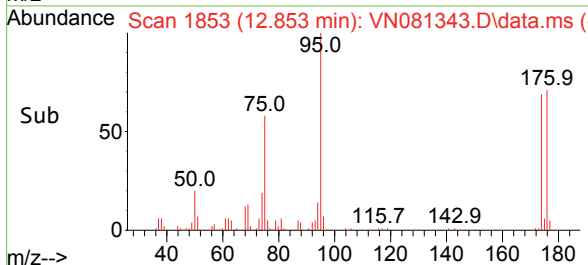
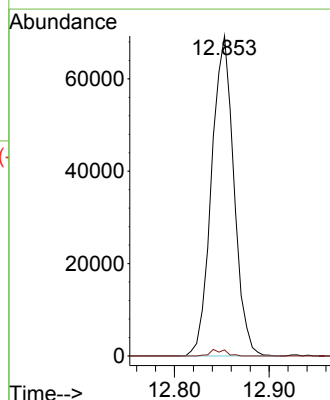
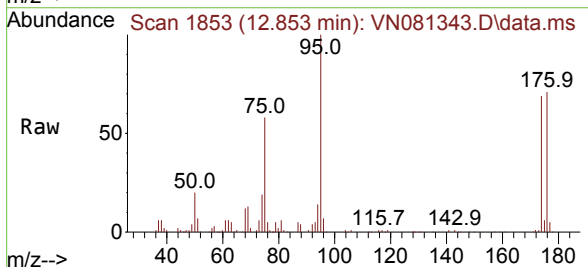
Instrument : MSVOA_N
 ClientSampleId : STORAGE-BLANK-SOIL-REF-6

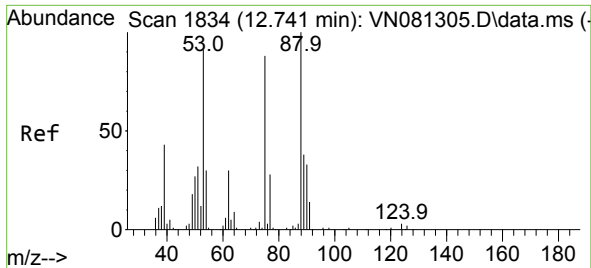
Tgt Ion:152 Resp: 185099
 Ion Ratio Lower Upper
 152 100
 115 65.2 32.3 96.8
 150 160.3 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 26.003 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.147 min
 Lab File: VN081343.D
 Acq: 08 Mar 2024 13:50

Tgt Ion: 75 Resp: 113684
 Ion Ratio Lower Upper
 75 100
 77 1.4 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.569 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN081343.D
Acq: 08 Mar 2024 13:50

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

Tgt Ion: 75 Resp: 113684
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#

