

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052824\
 Data File : VN082350.D
 Acq On : 28 May 2024 16:30
 Operator : JC\MD
 Sample : P2606-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: May 29 06:53:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

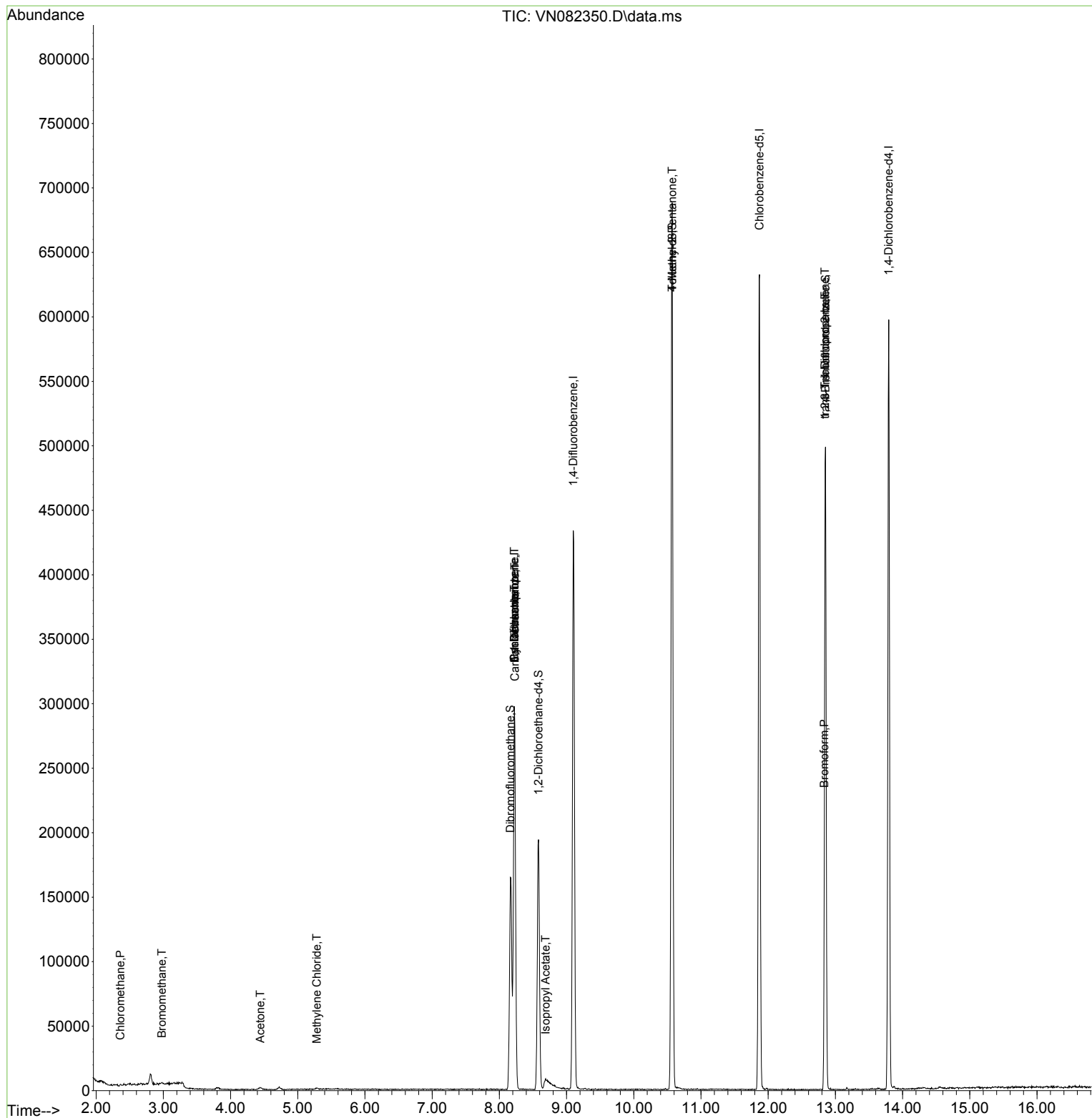
Internal Standards						
1) Pentafluorobenzene	8.224	168	206168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	358259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	336850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	164592	50.559	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.120%			
35) Dibromofluoromethane	8.165	113	114828	52.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.200%			
50) Toluene-d8	10.570	98	447914	53.012	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.020%			
62) 4-Bromofluorobenzene	12.853	95	159948	53.037	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 106.080%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	715	0.212	ug/l #	62
5) Bromomethane	2.977	94	458	0.252	ug/l	91
16) Acetone	4.441	43	3911	2.929	ug/l #	76
20) Methylene Chloride	5.283	84	582	0.216	ug/l #	42
31) Cyclohexane	8.224	56	5717	1.100	ug/l #	45
36) 1,1-Dichloropropene	8.224	75	18136	4.907	ug/l #	49
38) Carbon Tetrachloride	8.229	117	21835	5.828	ug/l #	16
43) Isopropyl Acetate	8.688	43	6281	0.857	ug/l #	52
51) 4-Methyl-2-Pentanone	10.570	43	2803	0.673	ug/l #	1
71) Bromoform	12.835	173	301	0.853	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	96227	30.579	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	96227	71.522	ug/l #	12

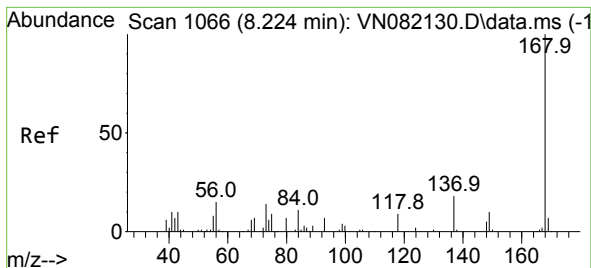
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082350.D

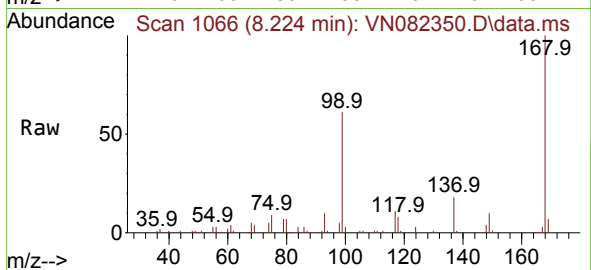
Acq: 28 May 2024 16:30

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

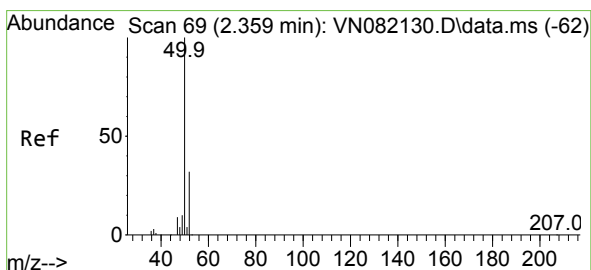
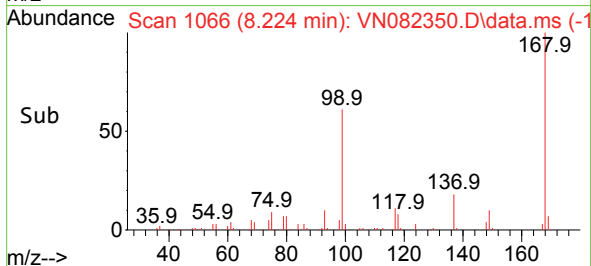
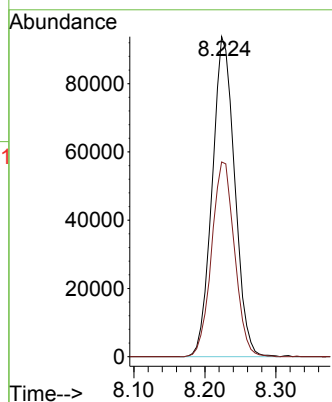


Tgt Ion:168 Resp: 206168

Ion Ratio Lower Upper

168 100

99 60.9 48.2 72.4



#3

Chloromethane

Concen: 0.212 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN082350.D

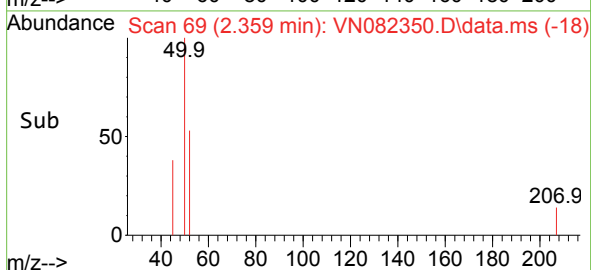
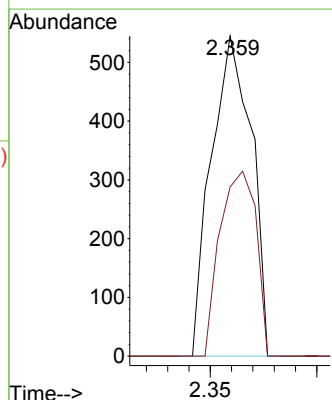
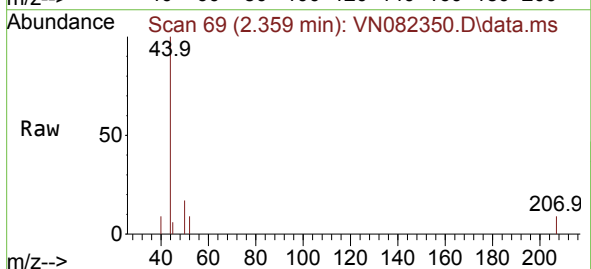
Acq: 28 May 2024 16:30

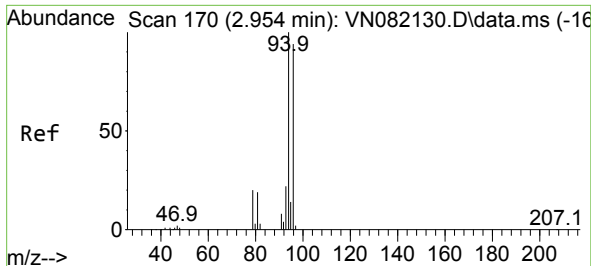
Tgt Ion: 50 Resp: 715

Ion Ratio Lower Upper

50 100

52 52.8 25.5 38.3#

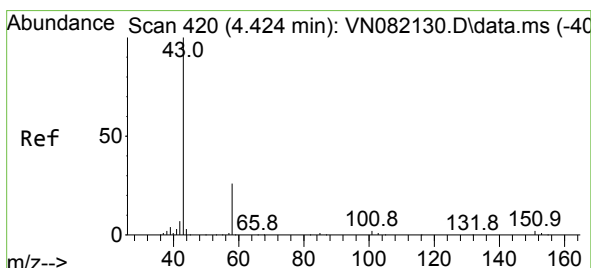
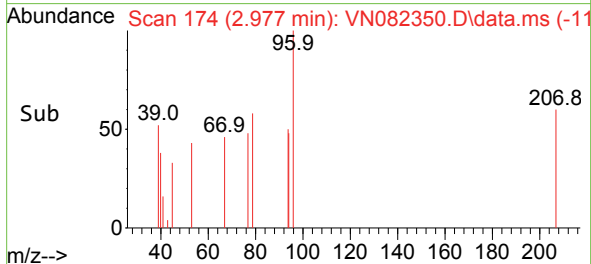
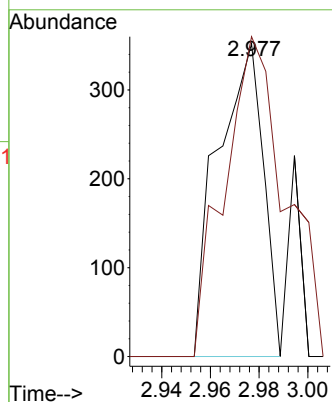
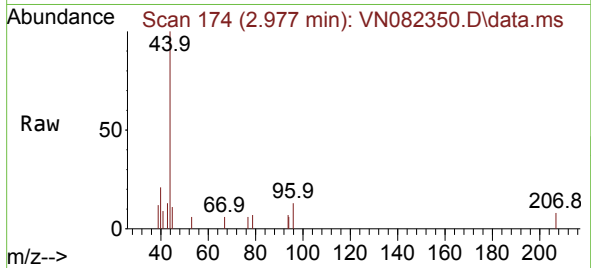




#5
Bromomethane
Concen: 0.252 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN082350.D
Acq: 28 May 2024 16:30

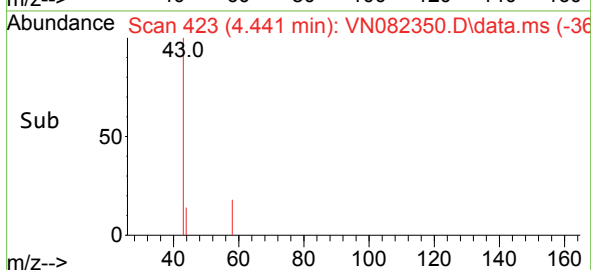
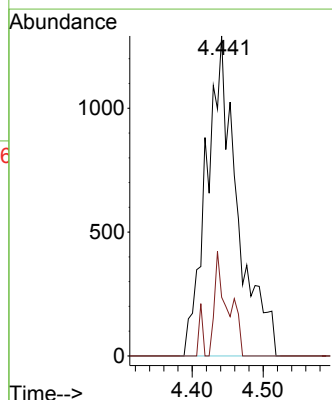
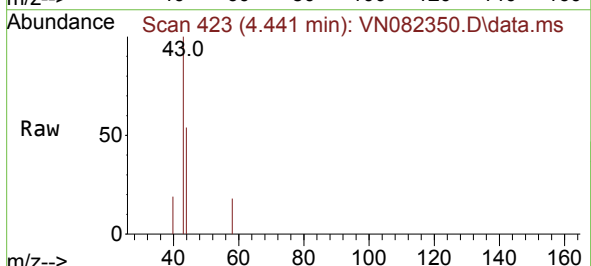
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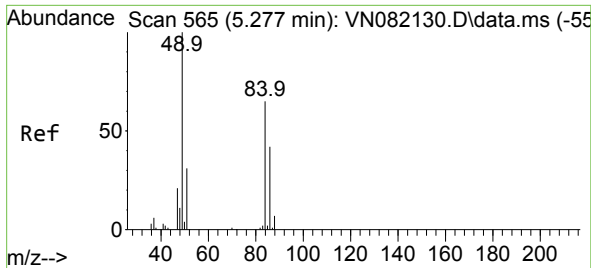
Tgt Ion: 94 Resp: 458
Ion Ratio Lower Upper
94 100
96 102.3 74.8 112.2



#16
Acetone
Concen: 2.929 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN082350.D
Acq: 28 May 2024 16:30

Tgt Ion: 43 Resp: 3911
Ion Ratio Lower Upper
43 100
58 18.3 25.2 37.8#

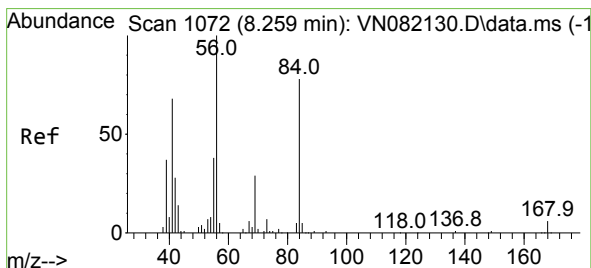
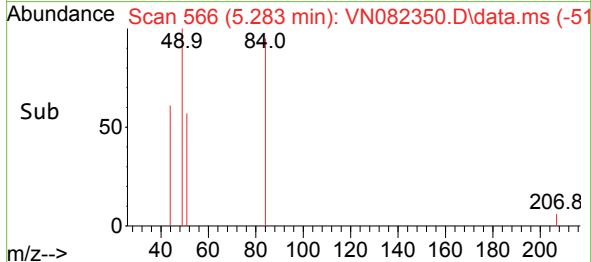
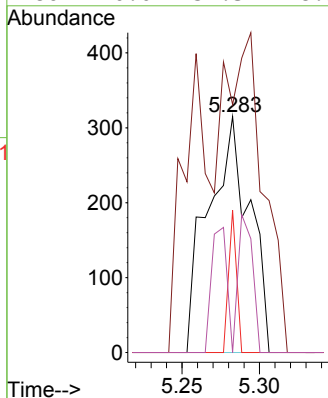
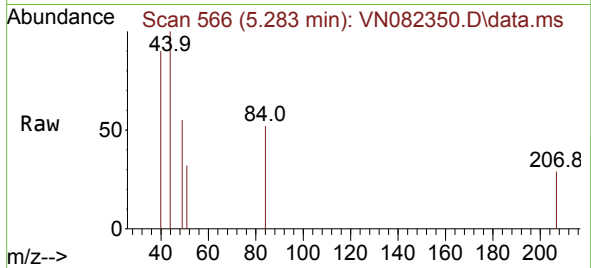




#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082350.D
Acq: 28 May 2024 16:30

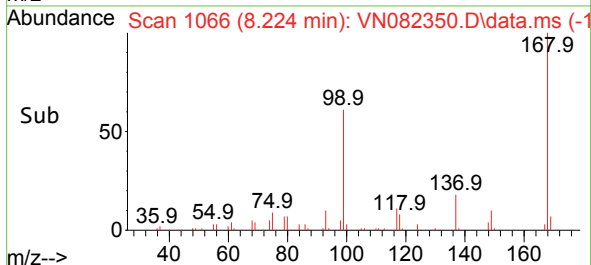
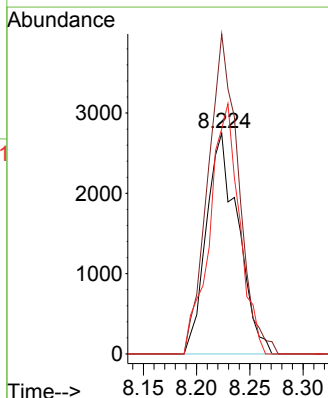
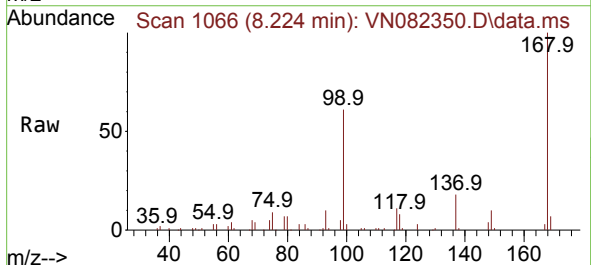
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

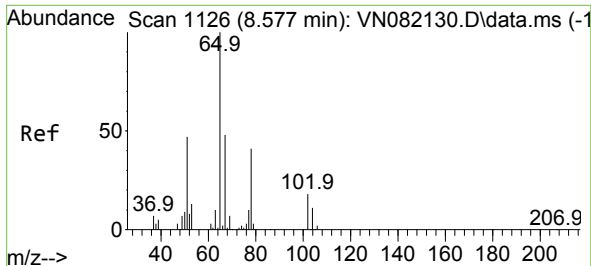
Tgt Ion: 84	Resp:	582	
Ion	Ratio	Lower	Upper
84	100		
49	57.5	84.9	127.3#
51	60.3	27.0	40.6#
86	0.0	52.3	78.5#



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082350.D
Acq: 28 May 2024 16:30

Tgt Ion: 56	Resp:	5717	
Ion	Ratio	Lower	Upper
56	100		
69	145.0	24.4	36.6#
84	102.0	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 50.559 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082350.D

Acq: 28 May 2024 16:30

Instrument :

MSVOA_N

ClientSampleId :

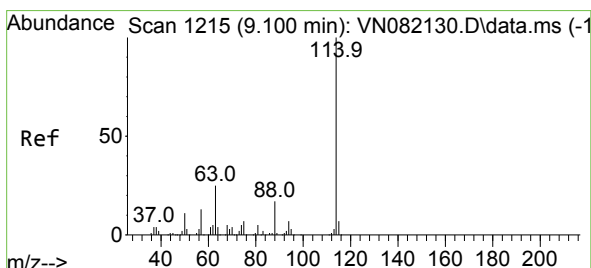
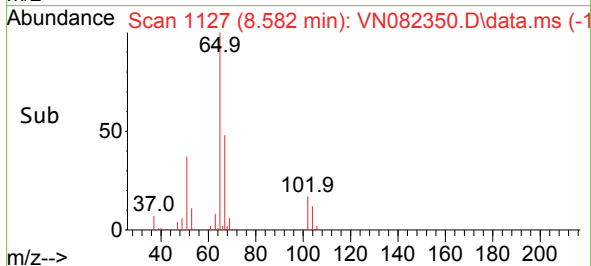
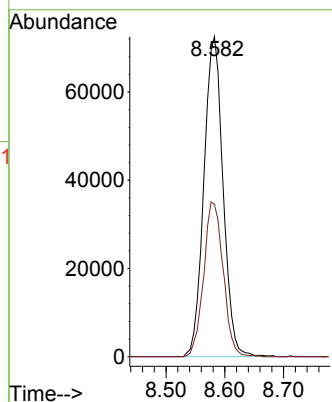
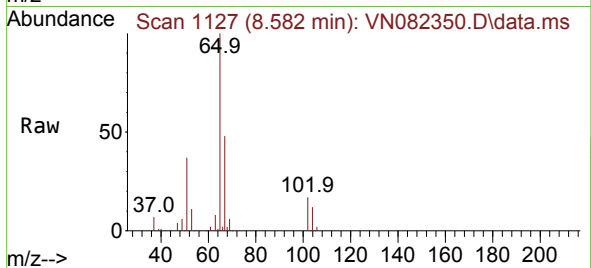
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 164592

Ion Ratio Lower Upper

65 100

67 49.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082350.D

Acq: 28 May 2024 16:30

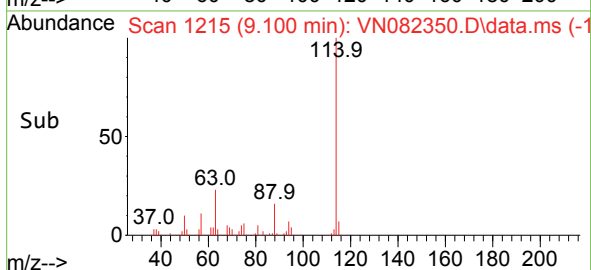
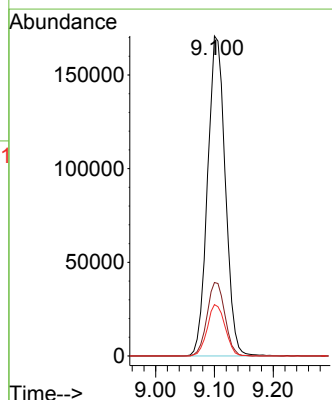
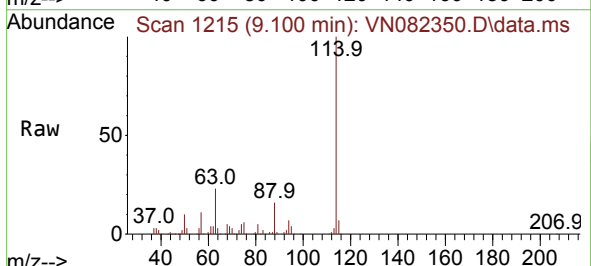
Tgt Ion: 114 Resp: 358259

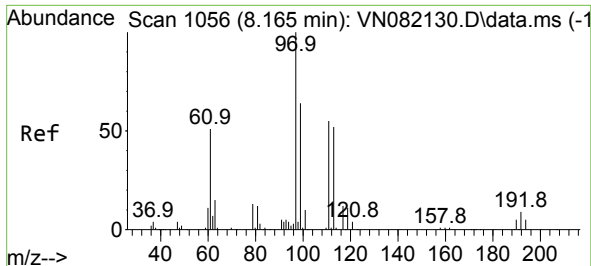
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.0

88 16.1 0.0 31.4

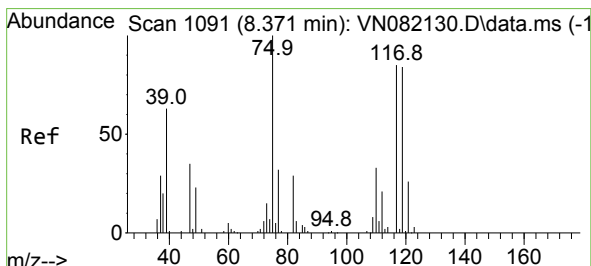
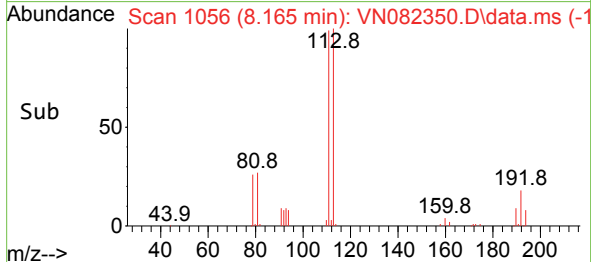
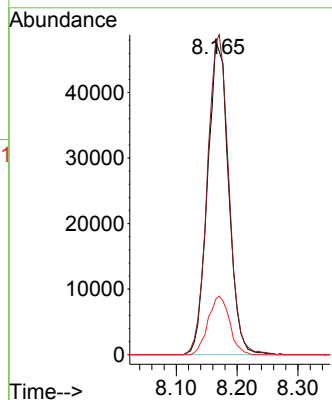
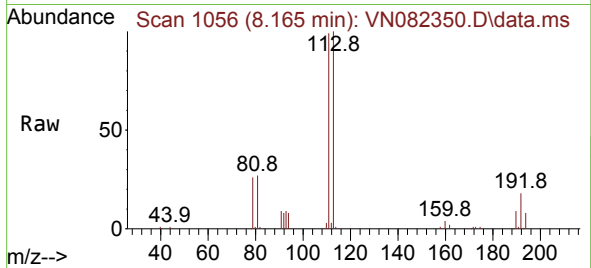




#35
Dibromofluoromethane
Concen: 52.103 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082350.D
Acq: 28 May 2024 16:30

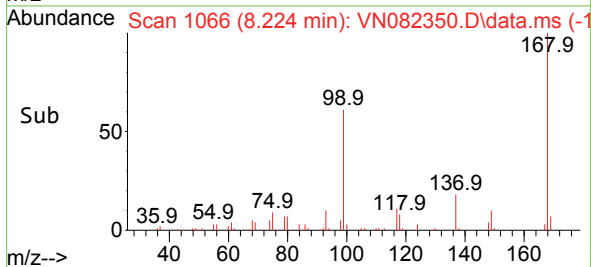
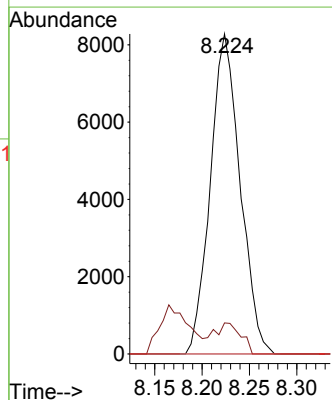
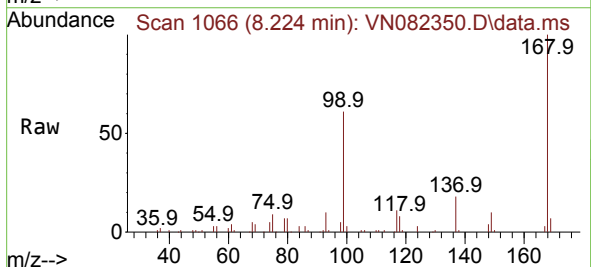
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

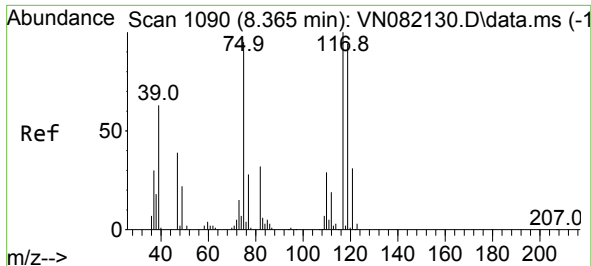
Tgt Ion:113 Resp: 114828
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.2
192 19.0 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.907 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082350.D
Acq: 28 May 2024 16:30

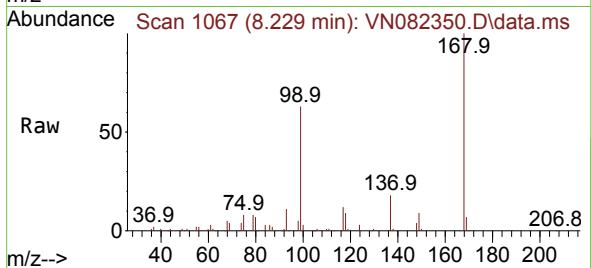
Tgt Ion: 75 Resp: 18136
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 25.0 37.4#



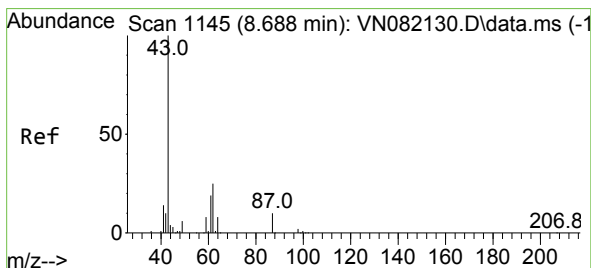
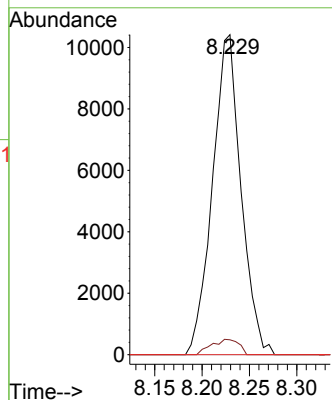
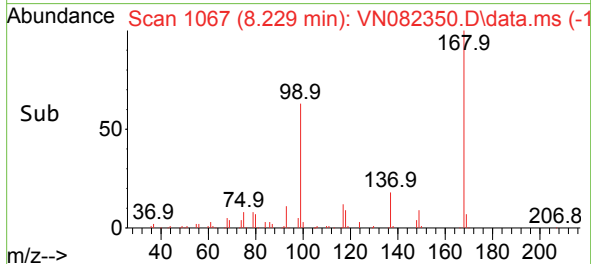


#38
Carbon Tetrachloride
Concen: 5.828 ug/l
RT: 8.229 min Scan# 1090
Delta R.T. -0.135 min
Lab File: VN082350.D
Acq: 28 May 2024 16:30

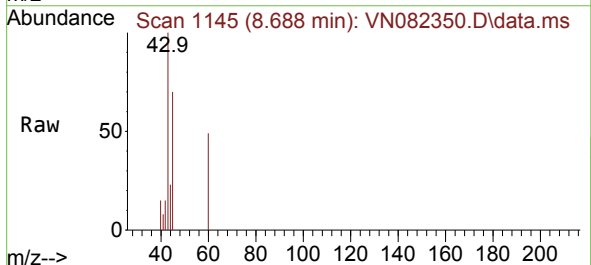
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



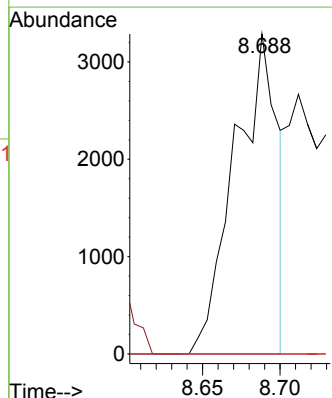
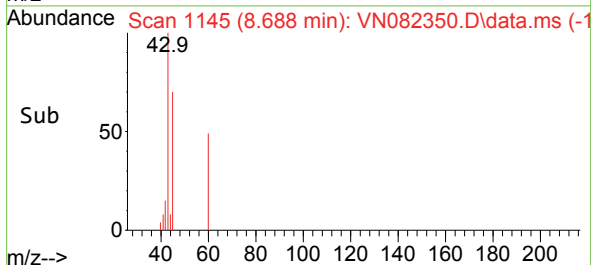
Tgt Ion:117 Resp: 21835
Ion Ratio Lower Upper
117 100
119 4.6 76.5 114.7#
121 0.0 23.9 35.9#

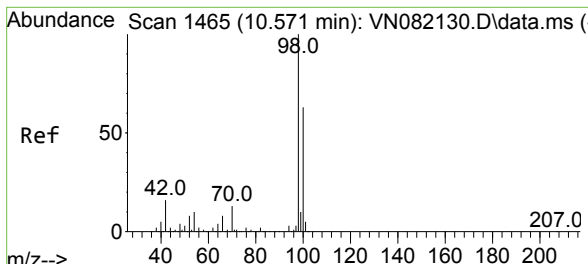


#43
Isopropyl Acetate
Concen: 0.857 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082350.D
Acq: 28 May 2024 16:30



Tgt Ion: 43 Resp: 6281
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

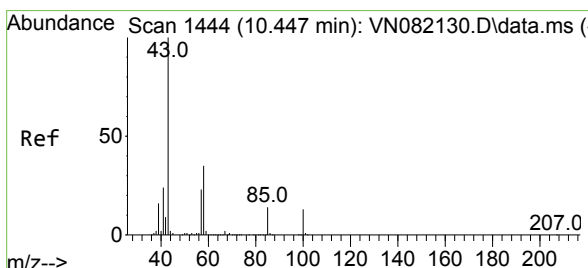
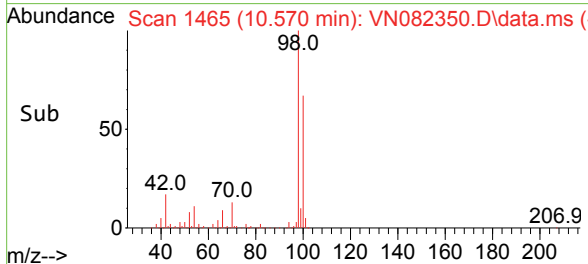
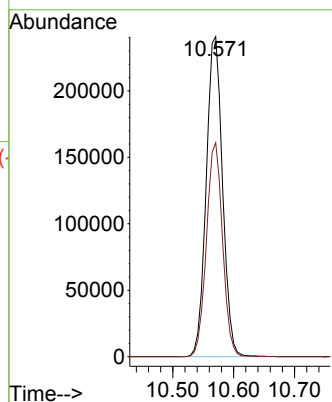
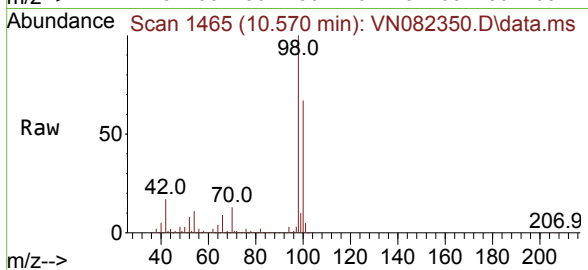




#50
Toluene-d8
Concen: 53.012 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082350.D
Acq: 28 May 2024 16:30

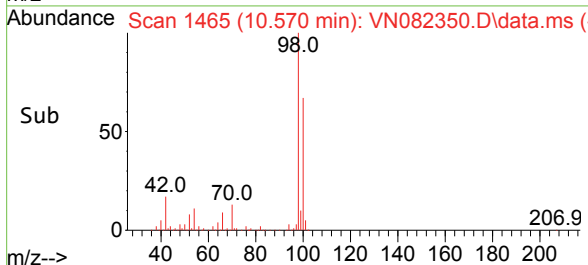
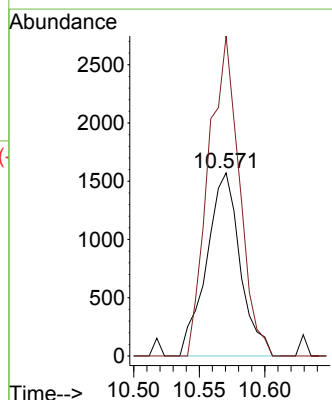
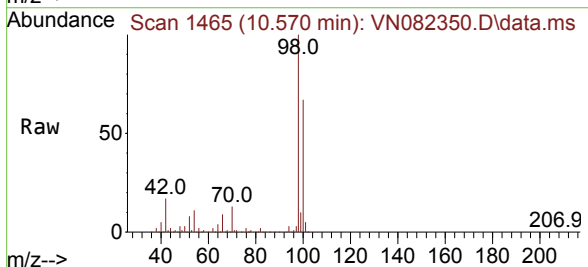
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ClientSampleId : STORAGE-BLANK-SOIL-REF-6

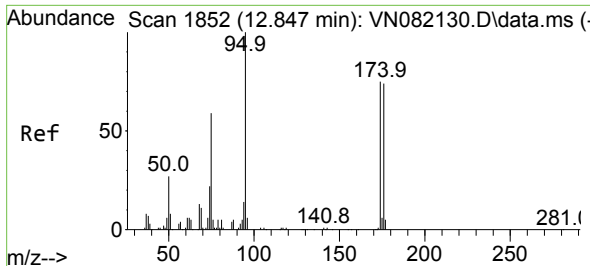
Tgt Ion: 98 Resp: 447914
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.673 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.123 min
Lab File: VN082350.D
Acq: 28 May 2024 16:30

Tgt Ion: 43 Resp: 2803
Ion Ratio Lower Upper
43 100
58 160.7 33.2 49.8#

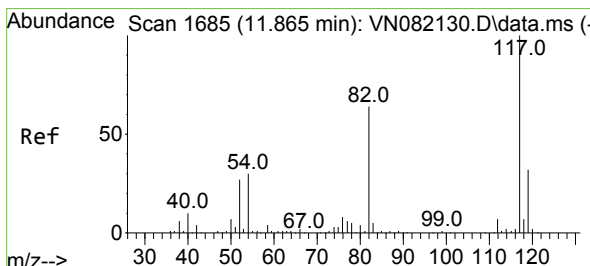
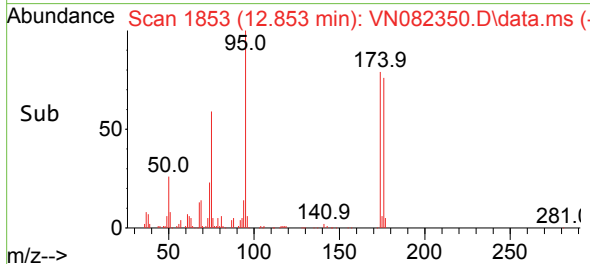
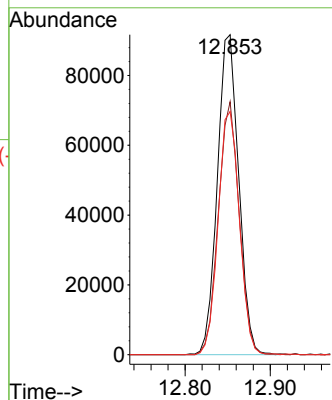
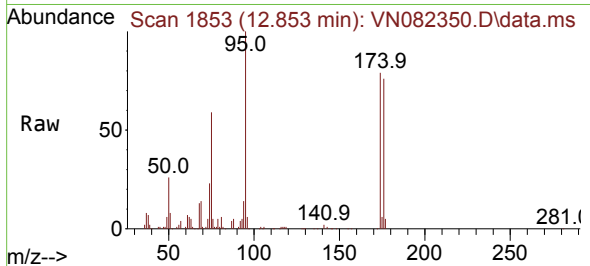




#62
4-Bromofluorobenzene
Concen: 53.037 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082350.D
Acq: 28 May 2024 16:30

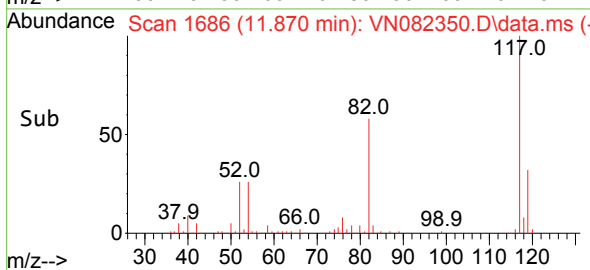
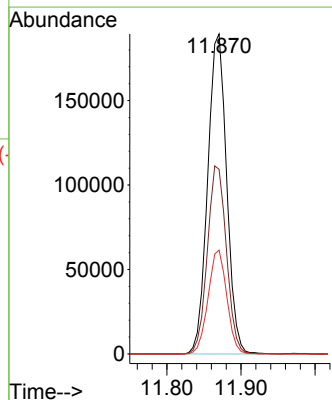
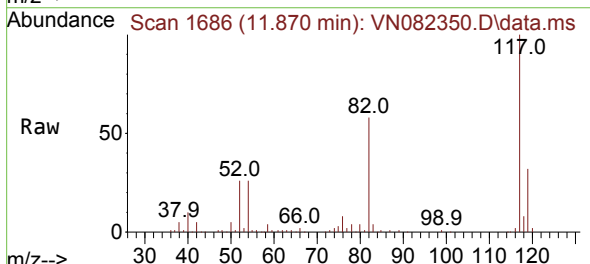
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

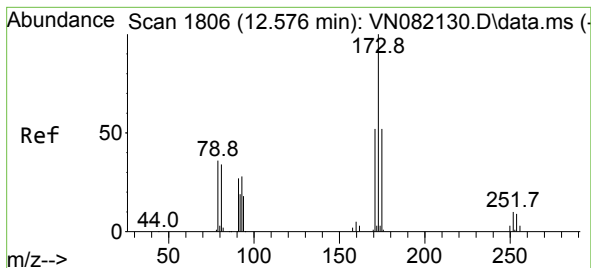
Tgt Ion: 95 Resp: 159948
Ion Ratio Lower Upper
95 100
174 77.0 0.0 160.6
176 75.5 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082350.D
Acq: 28 May 2024 16:30

Tgt Ion: 117 Resp: 336850
Ion Ratio Lower Upper
117 100
82 57.7 44.6 66.8
119 32.4 25.9 38.9





#71

Bromoform

Concen: 0.853 ug/l

RT: 12.835 min Scan# 1806

Delta R.T. 0.259 min

Lab File: VN082350.D

Acq: 28 May 2024 16:30

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

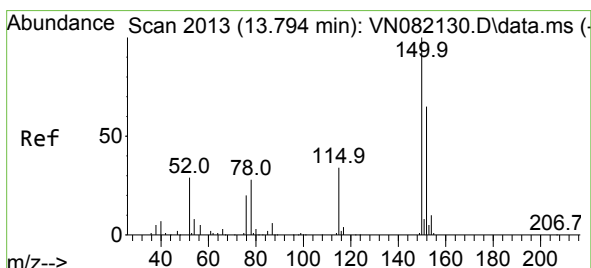
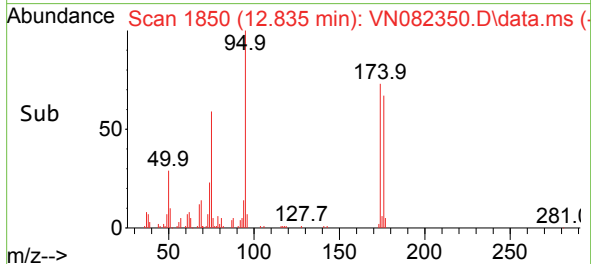
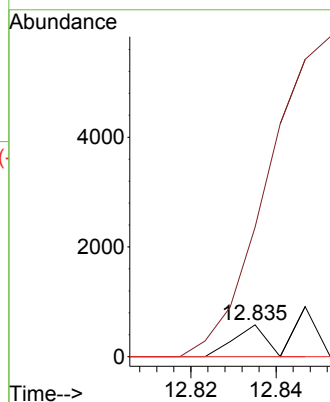
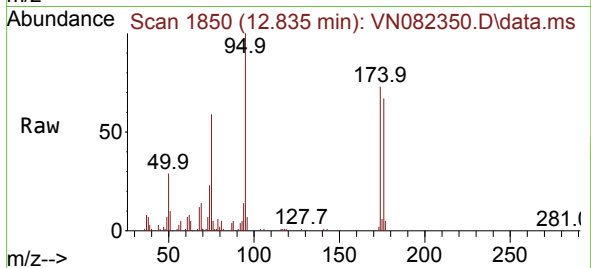
Tgt Ion:173 Resp: 301

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082350.D

Acq: 28 May 2024 16:30

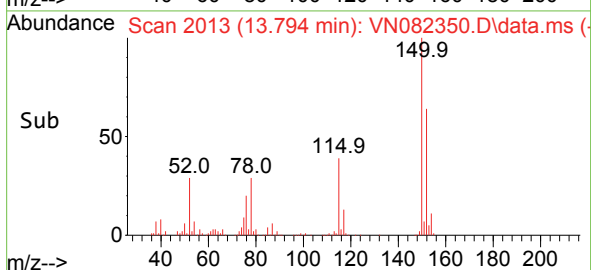
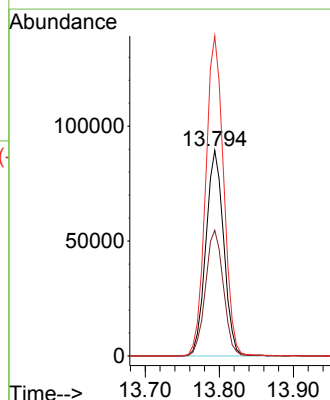
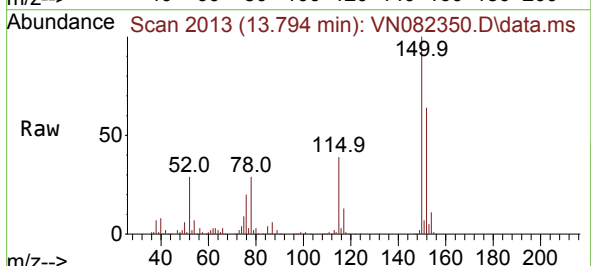
Tgt Ion:152 Resp: 149512

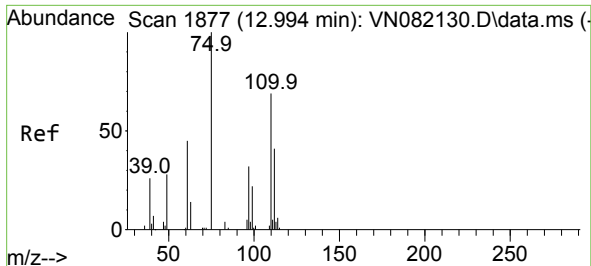
Ion Ratio Lower Upper

152 100

115 61.6 30.4 91.3

150 156.9 0.0 353.2

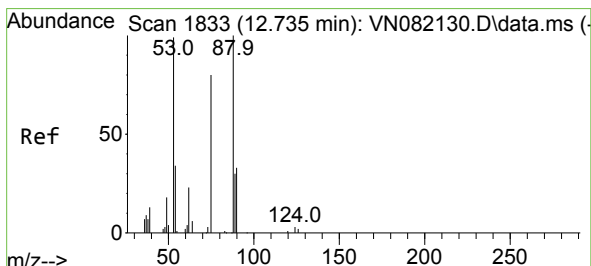
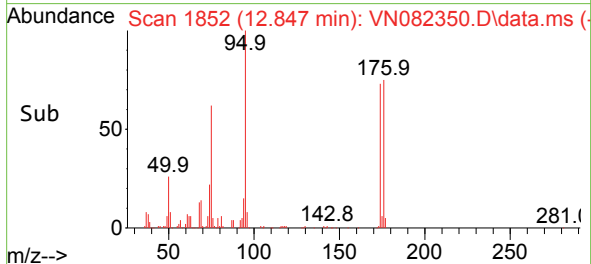
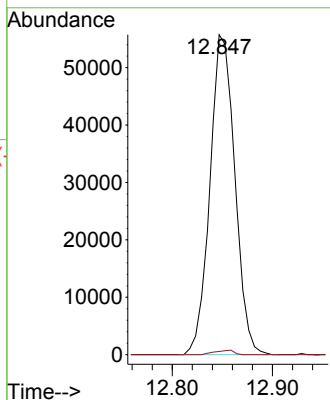
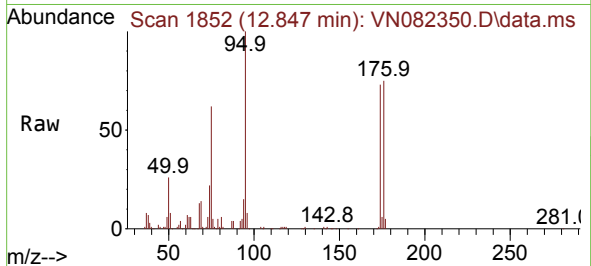




#76
1,2,3-Trichloropropane
Concen: 30.579 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082350.D
Acq: 28 May 2024 16:30

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

Tgt Ion: 75 Resp: 96227
Ion Ratio Lower Upper
75 100
77 1.1 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.522 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082350.D
Acq: 28 May 2024 16:30

Tgt Ion: 75 Resp: 96227
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

