

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082247.D
 Acq On : 21 May 2024 17:54
 Operator : JC\MD
 Sample : P2538-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 POLE-SLEEVE-SOIL

Quant Time: May 22 01:30:10 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)

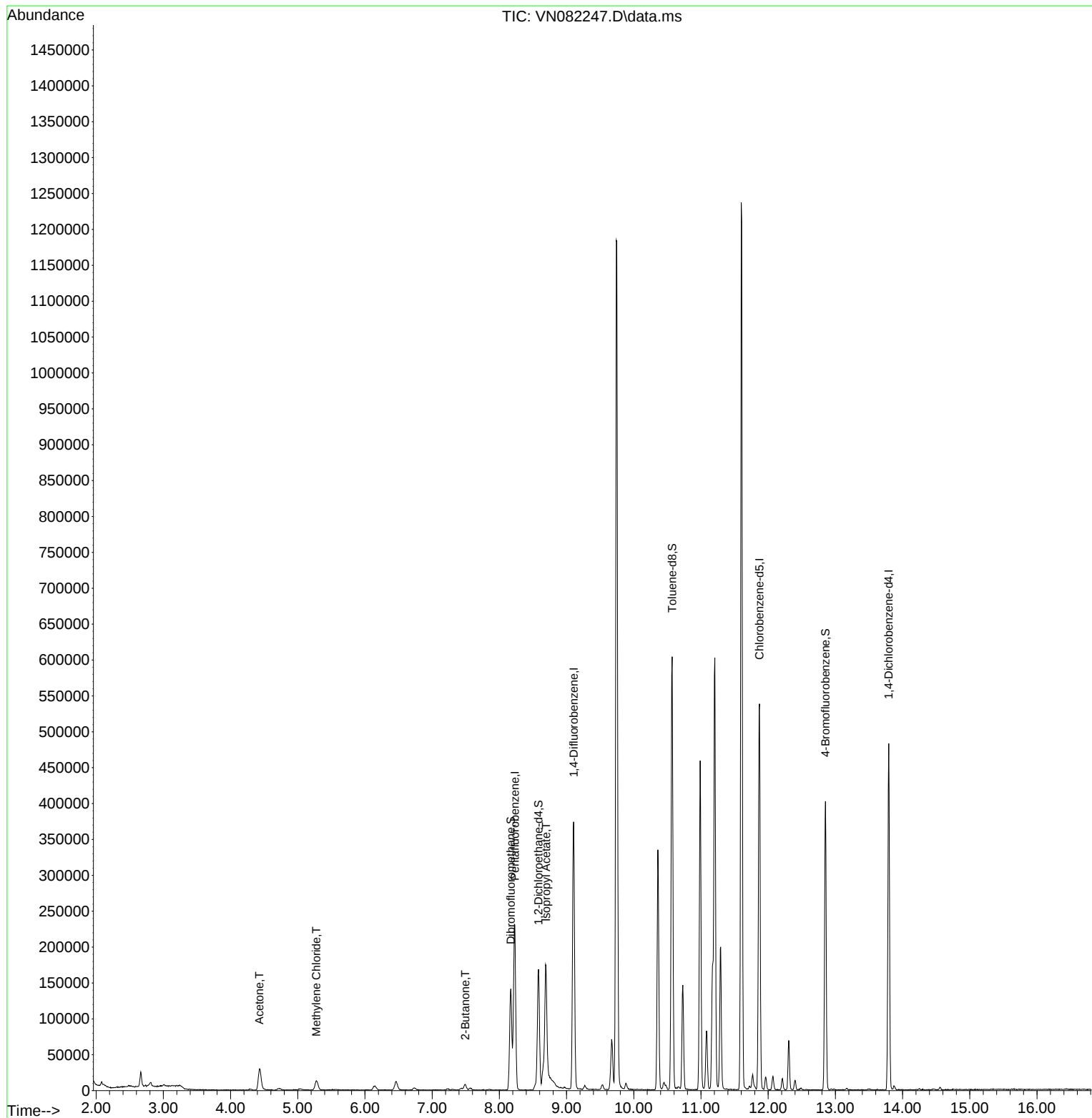
Internal Standards						
1) Pentafluorobenzene	8.230	168	164324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	298121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	283013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138431	53.351	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.700%	
35) Dibromofluoromethane	8.171	113	96738	52.750	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.500%	
50) Toluene-d8	10.571	98	386531	54.975	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.940%	
62) 4-Bromofluorobenzene	12.853	95	128375	51.155	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.300%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	60180	56.539	ug/l	95
20) Methylene Chloride	5.277	84	9101	4.238	ug/l #	84
25) 2-Butanone	7.494	43	13835	8.573	ug/l	89
43) Isopropyl Acetate	8.694	43	258947	42.456	ug/l #	73

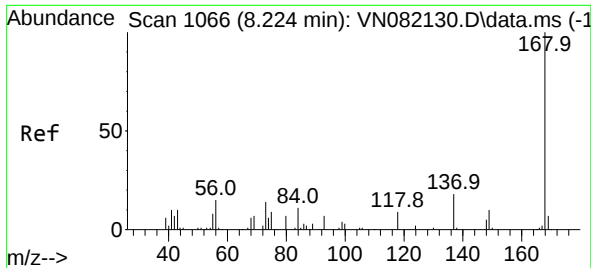
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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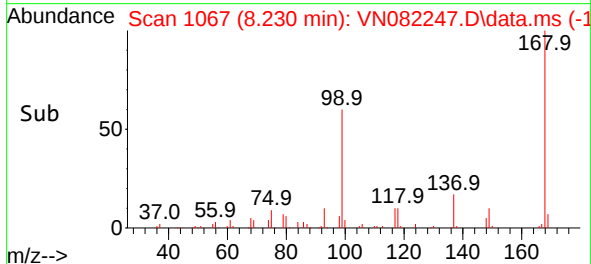
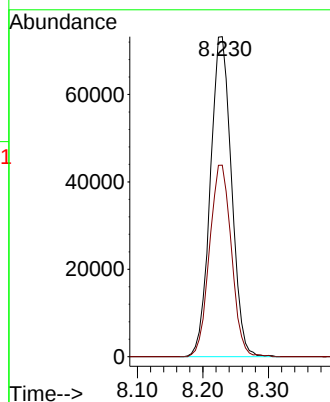
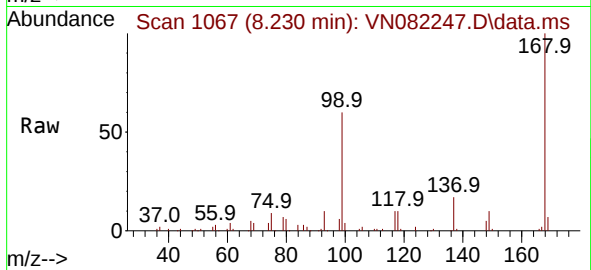




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082247.D
Acq: 21 May 2024 17:54

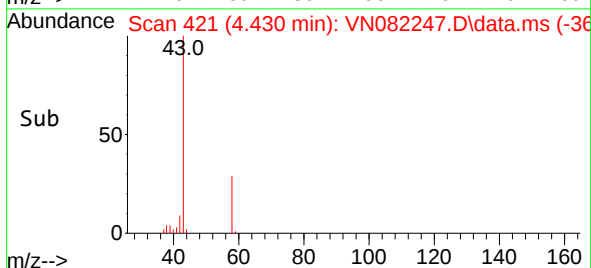
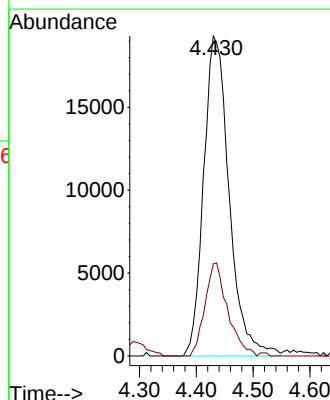
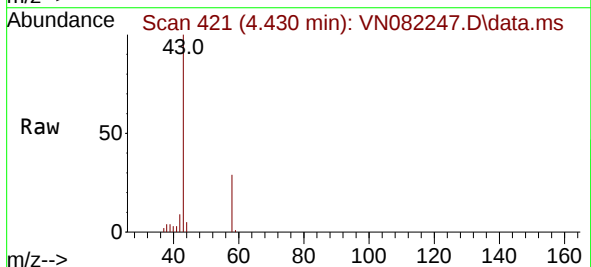
Instrument :
MSVOA_N
ClientSampleId :
POLE-SLEEVE-SOIL

Tgt Ion:168 Resp: 164324
Ion Ratio Lower Upper
168 100
99 59.8 48.2 72.4



#16
Acetone
Concen: 56.539 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082247.D
Acq: 21 May 2024 17:54

Tgt Ion: 43 Resp: 60180
Ion Ratio Lower Upper
43 100
58 28.8 25.2 37.8

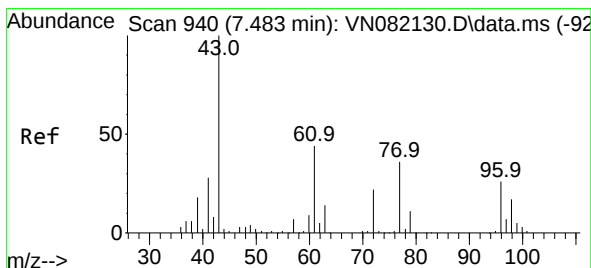
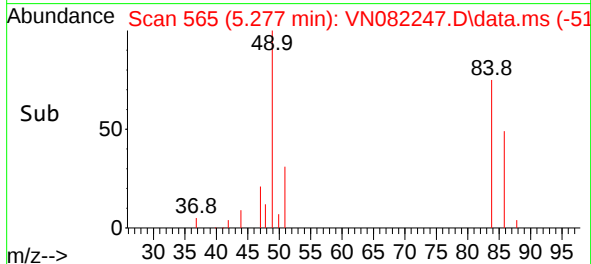
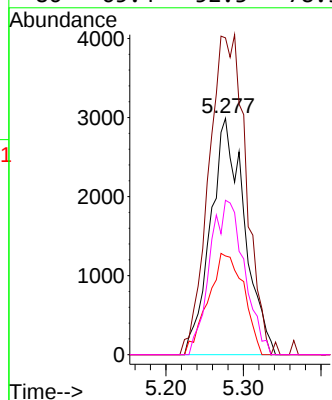
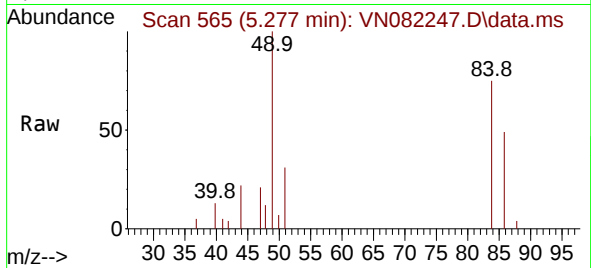




#20
Methylene Chloride
Concen: 4.238 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082247.D
Acq: 21 May 2024 17:54

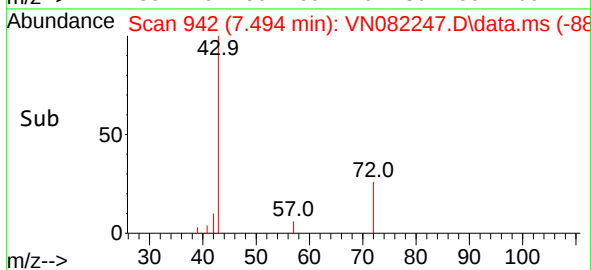
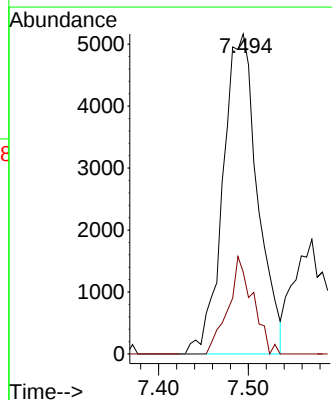
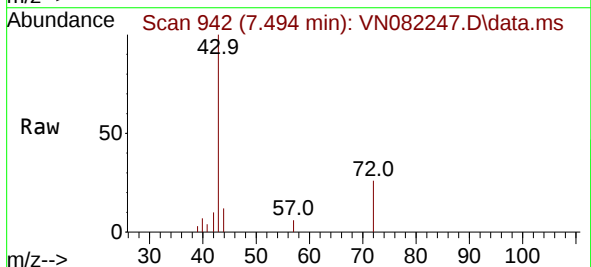
Instrument :
MSVOA_N
ClientSampleId :
POLE-SLEEVE-SOIL

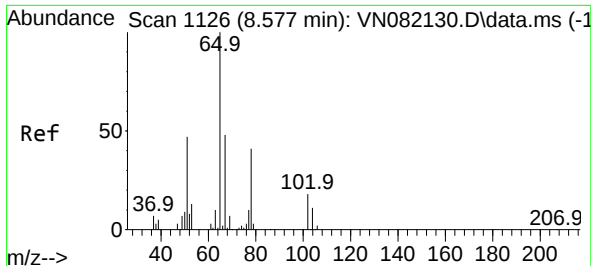
Tgt Ion: 84 Resp: 9101
Ion Ratio Lower Upper
84 100
49 134.0 84.9 127.3#
51 41.8 27.0 40.6#
86 65.4 52.3 78.5



#25
2-Butanone
Concen: 8.573 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082247.D
Acq: 21 May 2024 17:54

Tgt Ion: 43 Resp: 13835
Ion Ratio Lower Upper
43 100
72 25.5 25.3 37.9





#33

1,2-Dichloroethane-d4

Concen: 53.351 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082247.D

Acq: 21 May 2024 17:54

Instrument :

MSVOA_N

ClientSampleId :

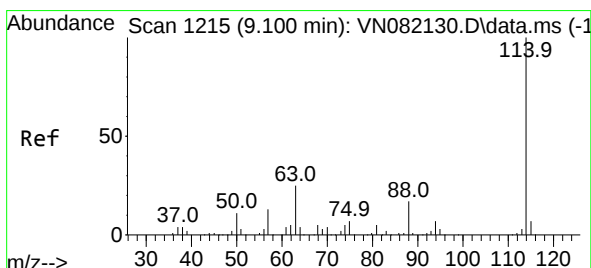
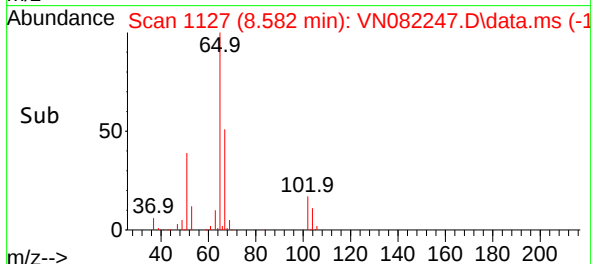
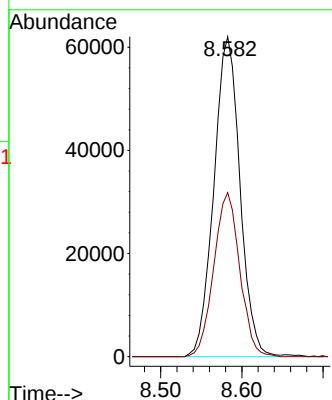
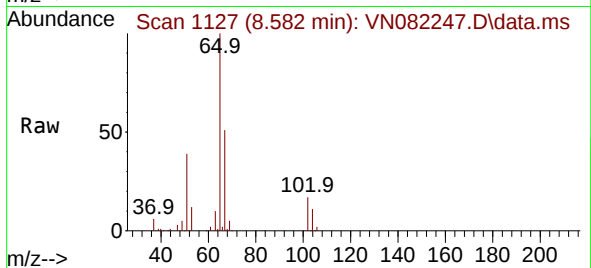
POLE-SLEEVE-SOIL

Tgt Ion: 65 Resp: 138431

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082247.D

Acq: 21 May 2024 17:54

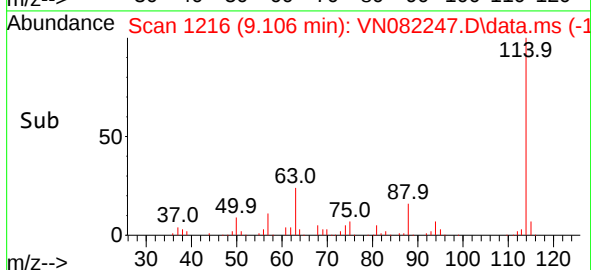
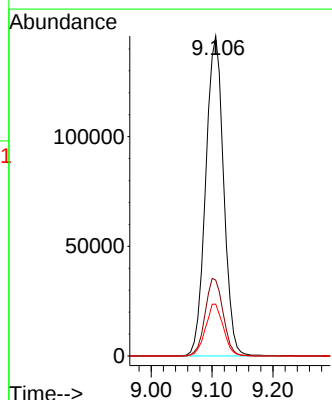
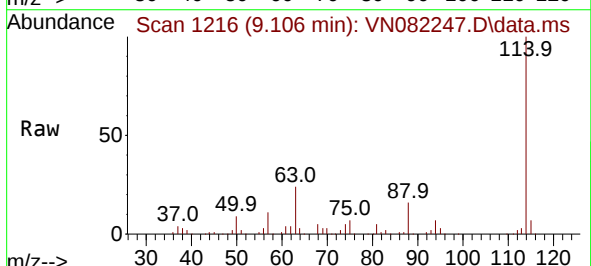
Tgt Ion: 114 Resp: 298121

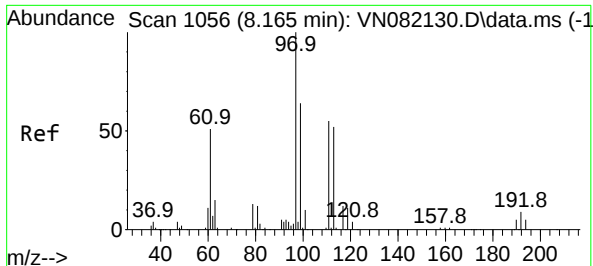
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.750 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082247.D

Acq: 21 May 2024 17:54

Instrument :

MSVOA_N

ClientSampleId :

POLE-SLEEVE-SOIL

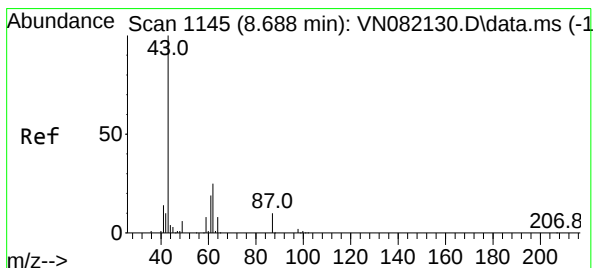
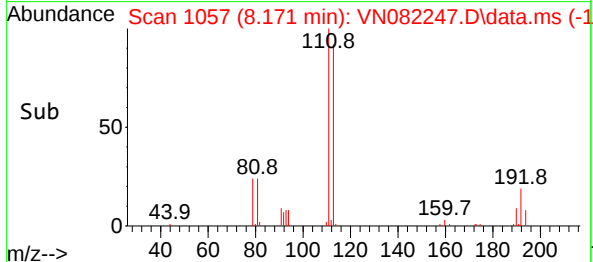
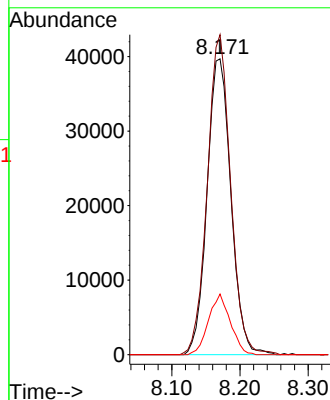
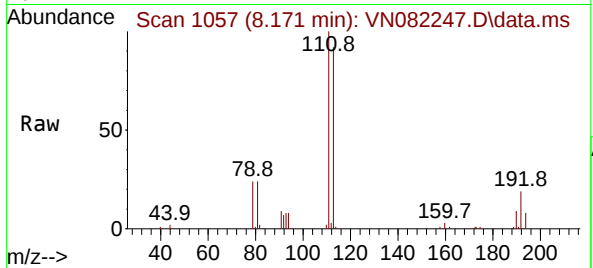
Tgt Ion:113 Resp: 96738

Ion Ratio Lower Upper

113 100

111 105.3 83.4 125.2

192 18.7 14.0 21.0



#43

Isopropyl Acetate

Concen: 42.456 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN082247.D

Acq: 21 May 2024 17:54

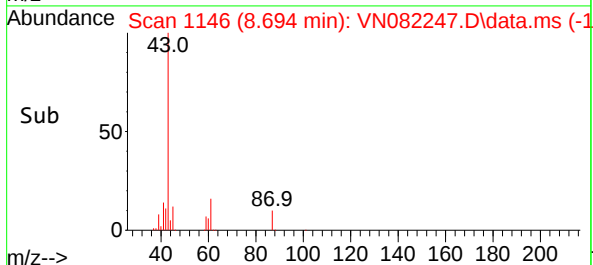
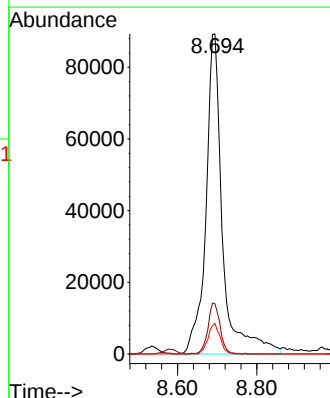
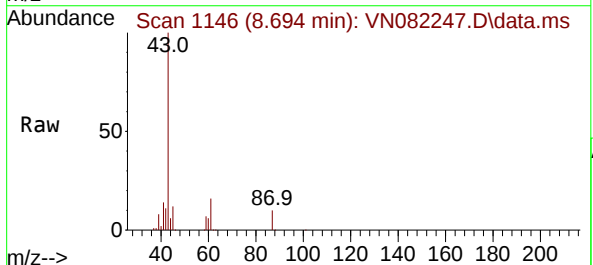
Tgt Ion: 43 Resp: 258947

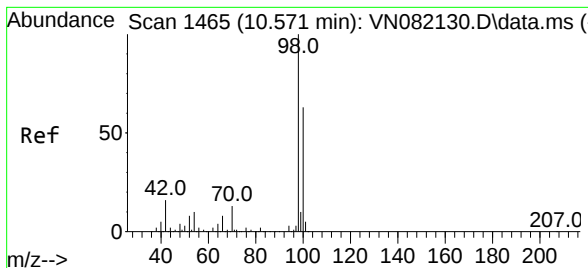
Ion Ratio Lower Upper

43 100

61 11.8 22.8 34.2#

87 6.8 12.0 18.0#

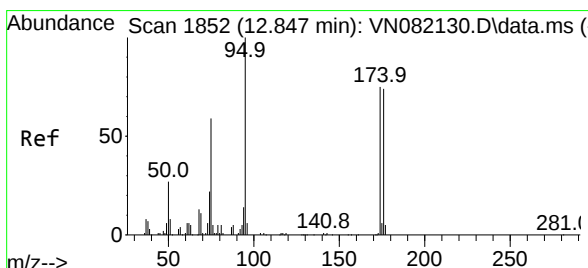
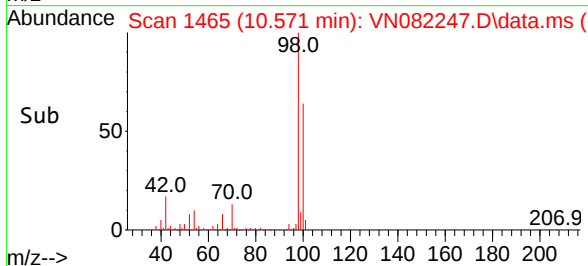
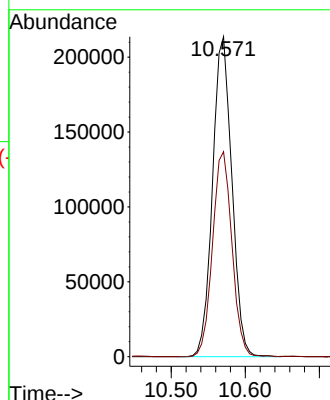
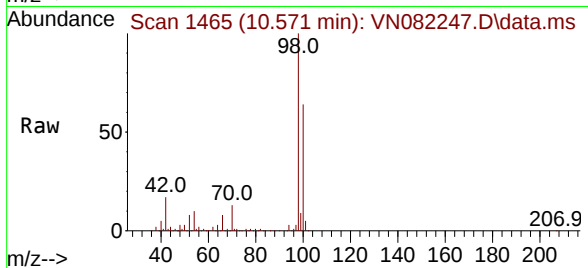




#50
Toluene-d8
Concen: 54.975 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082247.D
Acq: 21 May 2024 17:54

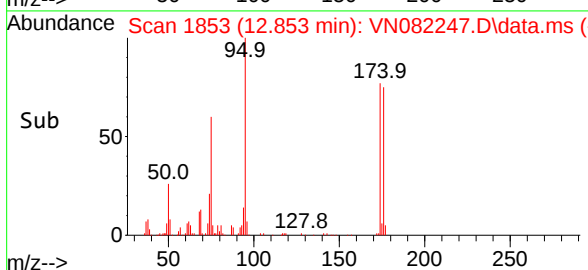
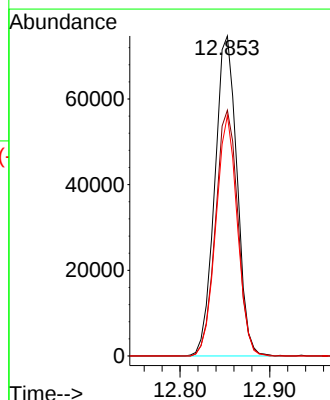
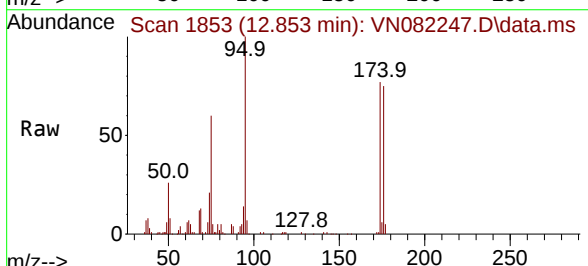
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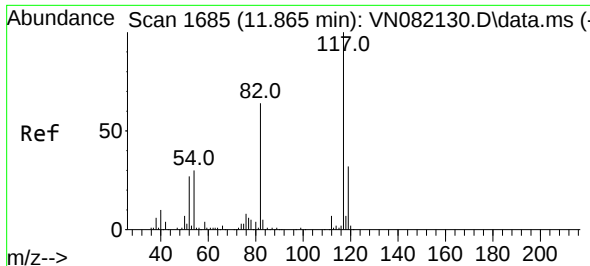
Tgt Ion: 98 Resp: 386531
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.155 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082247.D
Acq: 21 May 2024 17:54

Tgt Ion: 95 Resp: 128375
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.6
176 72.6 0.0 152.8

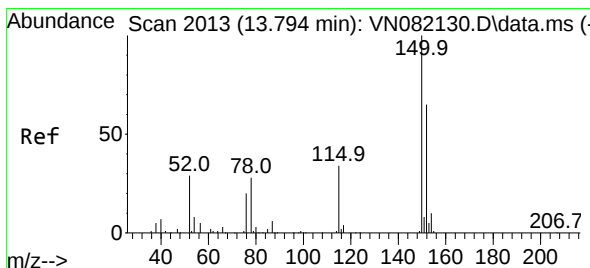
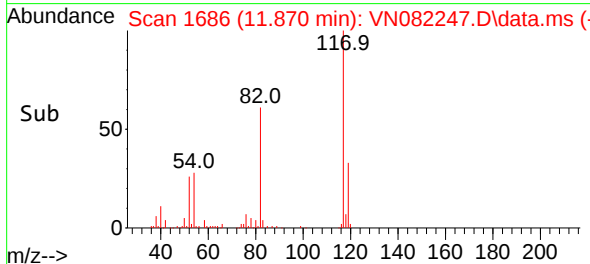
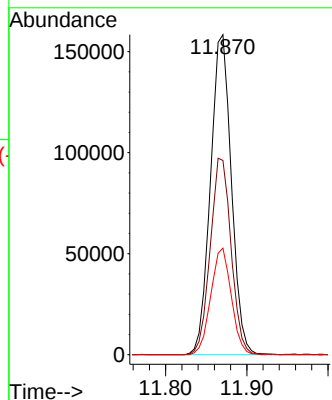
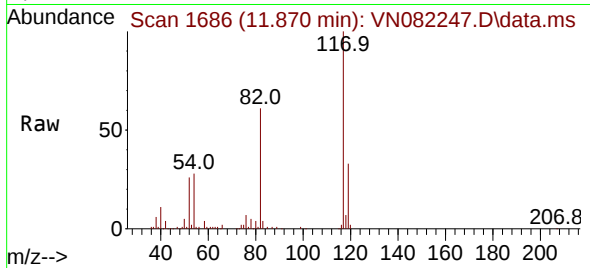




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082247.D
Acq: 21 May 2024 17:54

Instrument :
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POLE-SLEEVE-SOIL

Tgt Ion:117 Resp: 283013
Ion Ratio Lower Upper
117 100
82 60.7 44.6 66.8
119 33.3 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: VN082247.D
Acq: 21 May 2024 17:54

Tgt Ion:152 Resp: 119492
Ion Ratio Lower Upper
152 100
115 60.0 30.4 91.3
150 156.0 0.0 353.2

