

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082377.D
 Acq On : 29 May 2024 17:53
 Operator : JC\MD
 Sample : PB161143TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB161143TB

Quant Time: May 30 05:46:46 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)

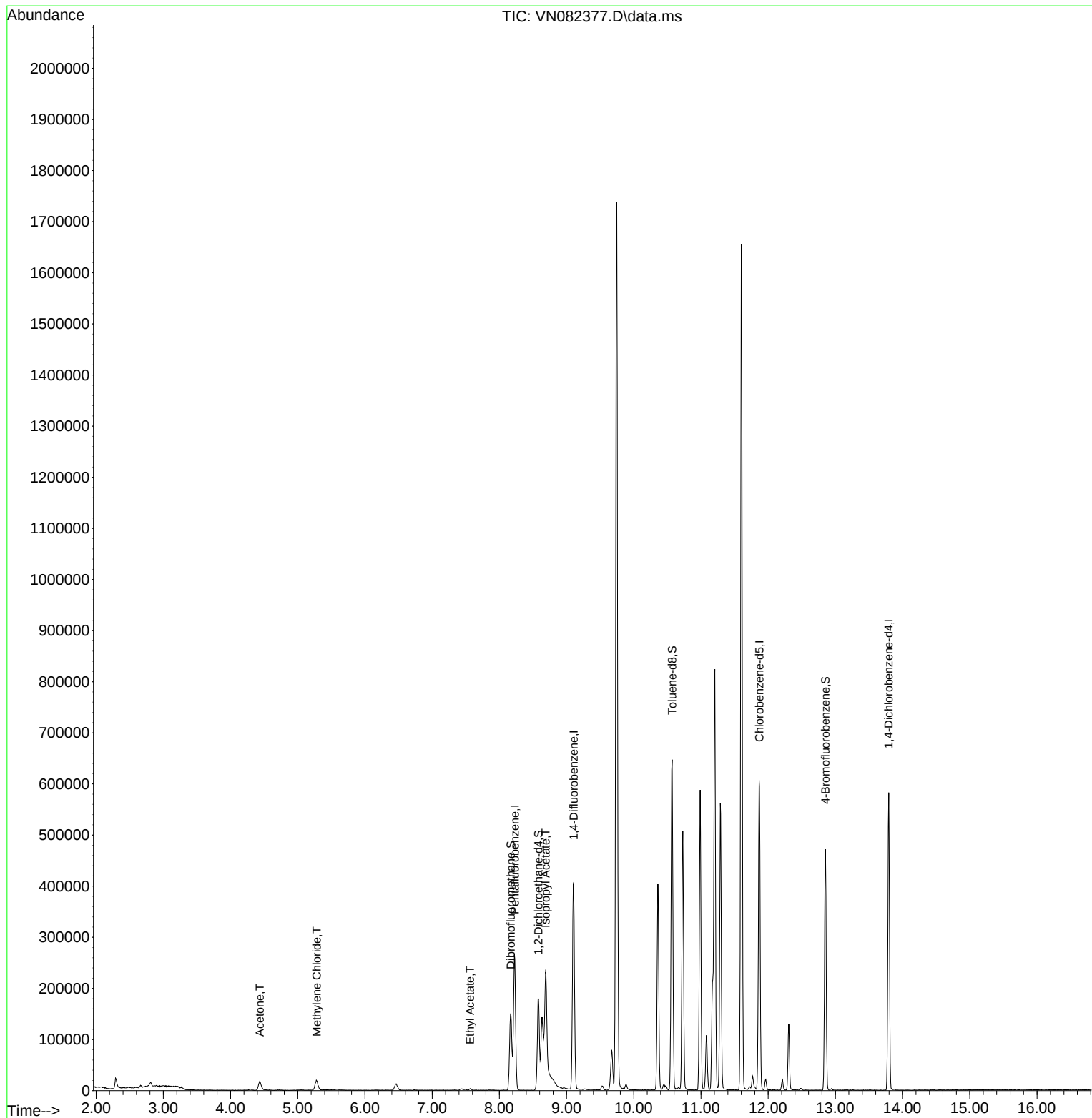
Internal Standards						
1) Pentafluorobenzene	8.230	168	184234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	331685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	323198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149259	51.308	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.620%		
35) Dibromofluoromethane	8.171	113	105392	51.653	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.300%		
50) Toluene-d8	10.571	98	423767	54.172	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.340%		
62) 4-Bromofluorobenzene	12.853	95	154728	55.417	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 110.840%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	33808	28.330	ug/l	97
20) Methylene Chloride	5.283	84	13047	5.419	ug/l #	80
37) Ethyl Acetate	7.565	43	4997	1.305	ug/l #	77
43) Isopropyl Acetate	8.688	43	331263	48.816	ug/l #	72

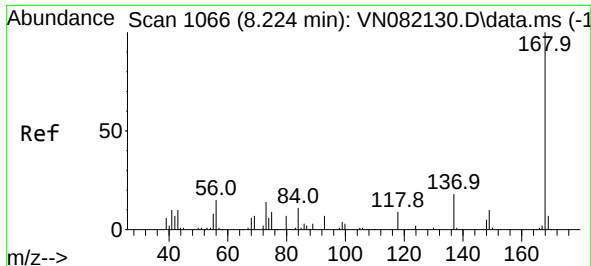
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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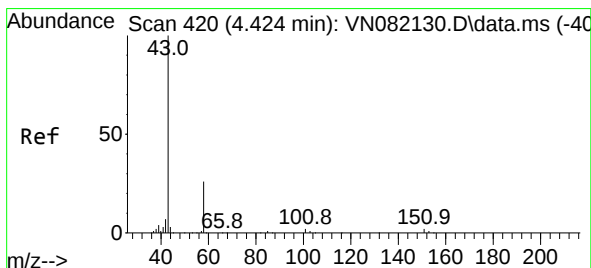
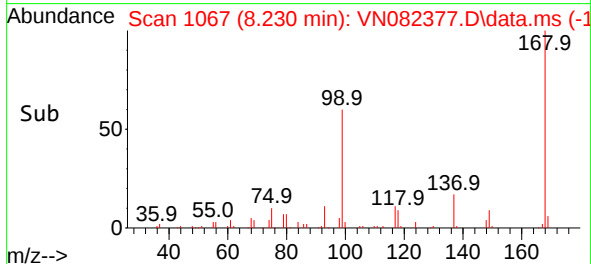
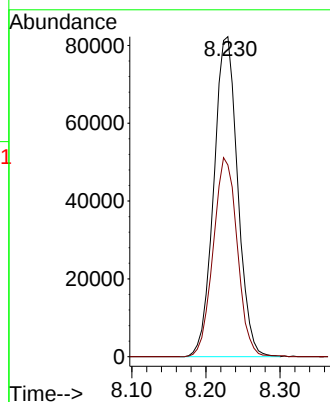
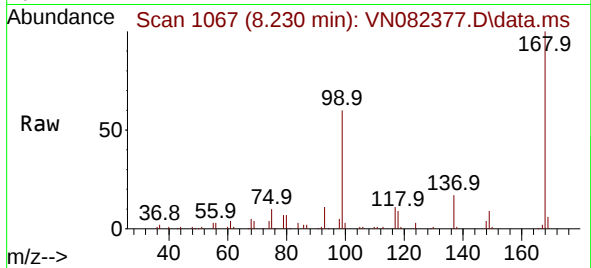




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082377.D
Acq: 29 May 2024 17:53

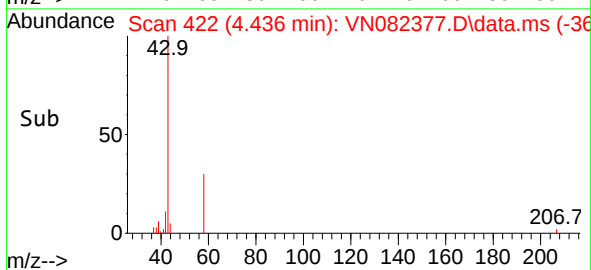
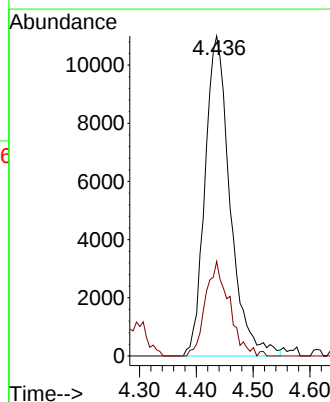
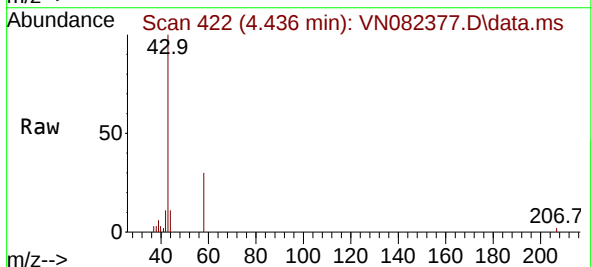
Instrument :
MSVOA_N
ClientSampleId :
PB161143TB

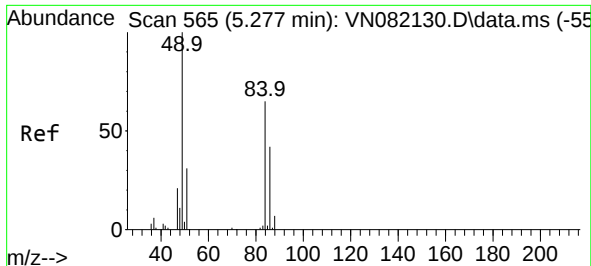
Tgt Ion:168 Resp: 184234
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#16
Acetone
Concen: 28.330 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082377.D
Acq: 29 May 2024 17:53

Tgt Ion: 43 Resp: 33808
Ion Ratio Lower Upper
43 100
58 29.6 25.2 37.8

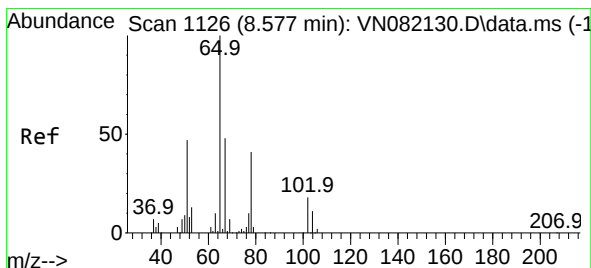
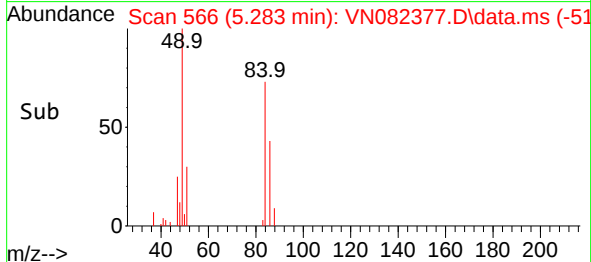
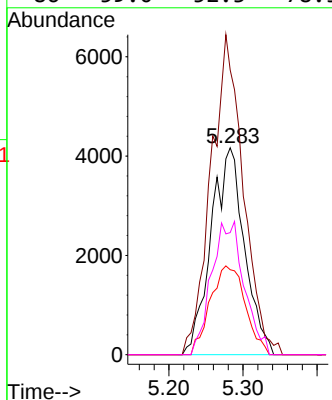
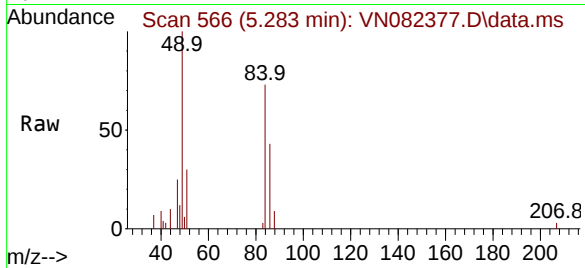




#20
Methylene Chloride
Concen: 5.419 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN082377.D
Acq: 29 May 2024 17:53

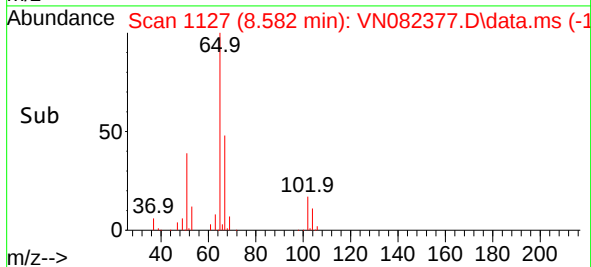
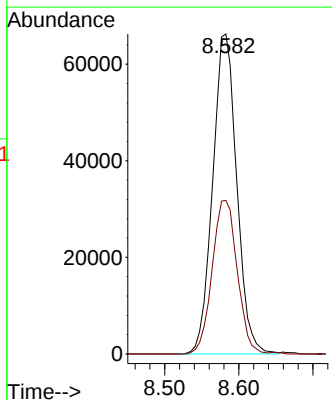
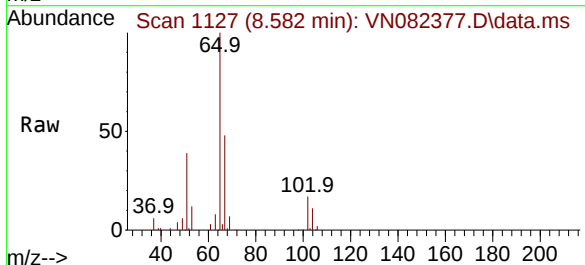
Instrument :
MSVOA_N
ClientSampleId :
PB161143TB

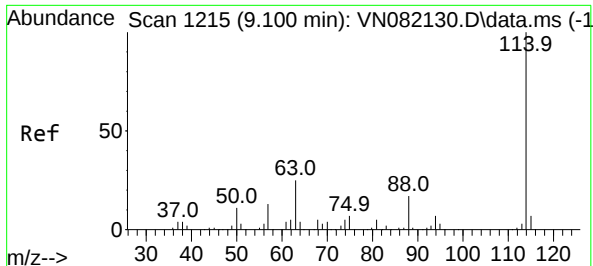
Tgt Ion: 84 Resp: 13047
Ion Ratio Lower Upper
84 100
49 137.6 84.9 127.3#
51 41.1 27.0 40.6#
86 59.0 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 51.308 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082377.D
Acq: 29 May 2024 17:53

Tgt Ion: 65 Resp: 149259
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082377.D

Acq: 29 May 2024 17:53

Instrument :

MSVOA_N

ClientSampleId :

PB161143TB

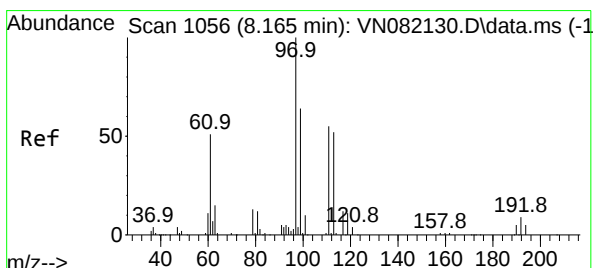
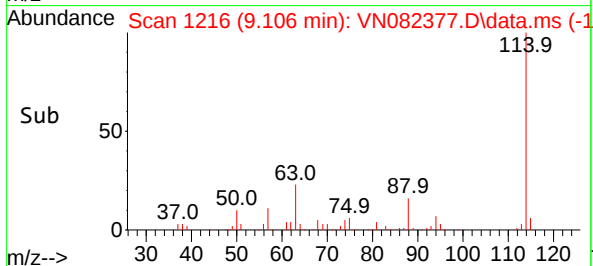
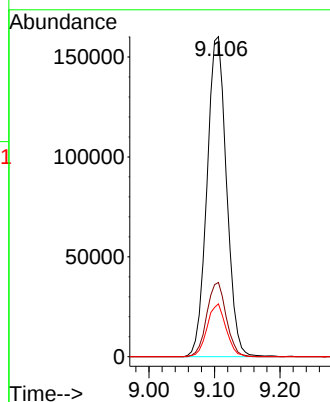
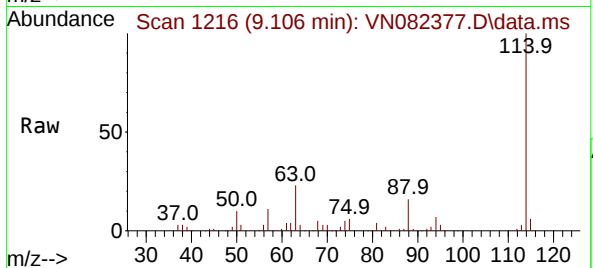
Tgt Ion:114 Resp: 331685

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.0

88 16.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.653 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082377.D

Acq: 29 May 2024 17:53

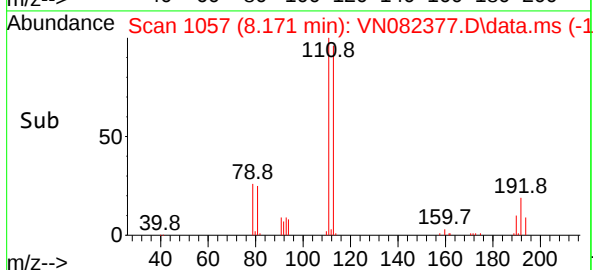
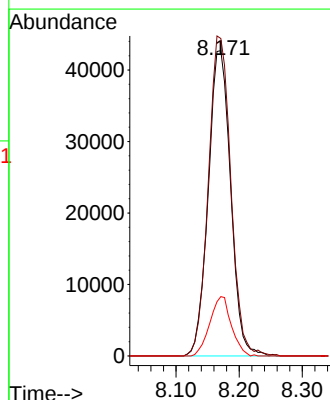
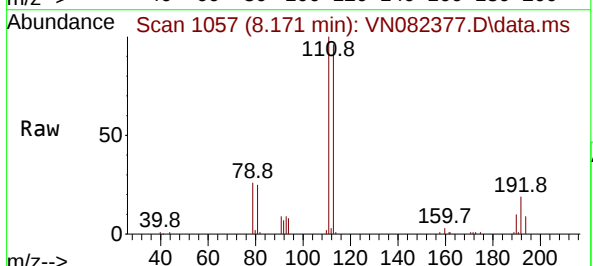
Tgt Ion:113 Resp: 105392

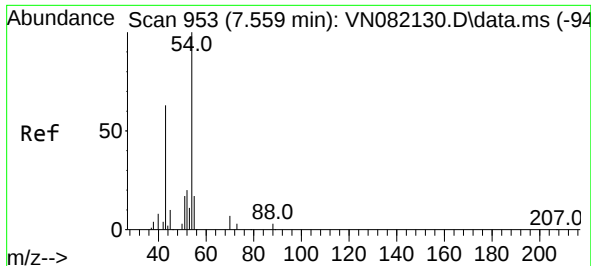
Ion Ratio Lower Upper

113 100

111 105.0 83.4 125.2

192 18.6 14.0 21.0

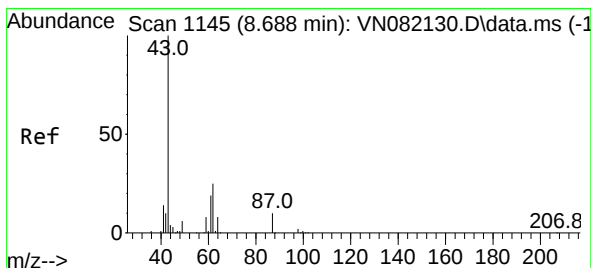
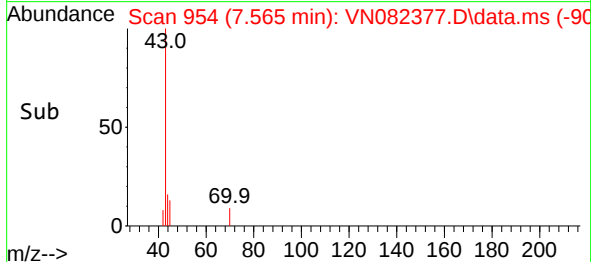
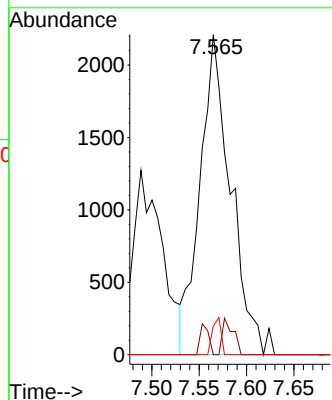
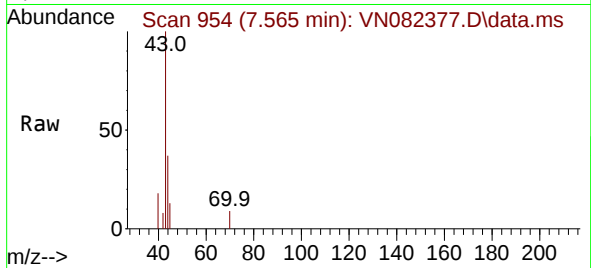




#37
Ethyl Acetate
Concen: 1.305 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082377.D
Acq: 29 May 2024 17:53

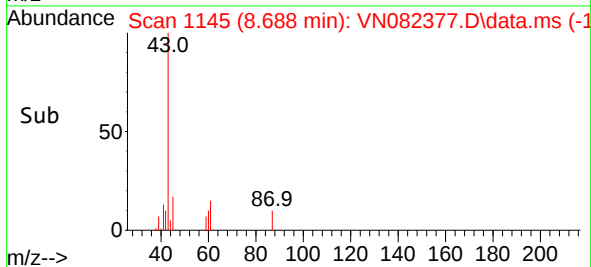
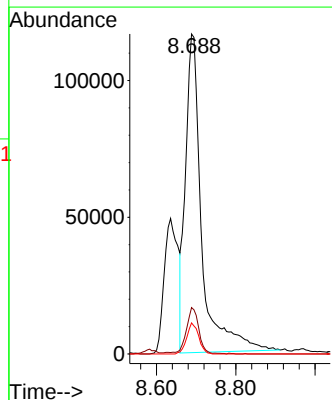
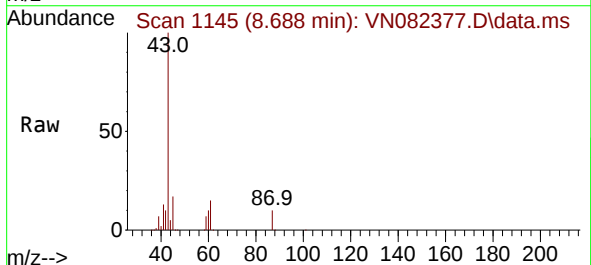
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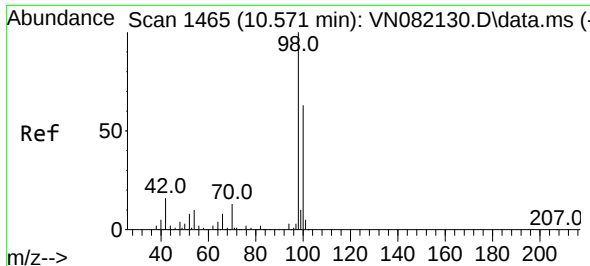
Tgt Ion: 43 Resp: 4997
Ion Ratio Lower Upper
43 100
61 4.0 11.3 16.9#
70 3.2 8.7 13.1#



#43
Isopropyl Acetate
Concen: 48.816 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082377.D
Acq: 29 May 2024 17:53

Tgt Ion: 43 Resp: 331263
Ion Ratio Lower Upper
43 100
61 11.1 22.8 34.2#
87 7.1 12.0 18.0#

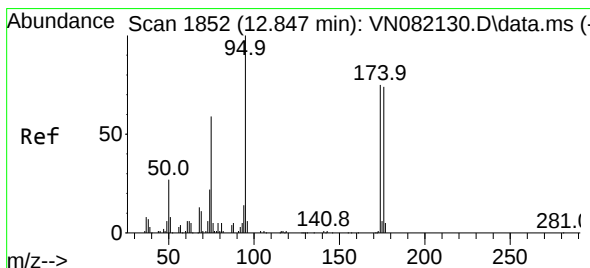
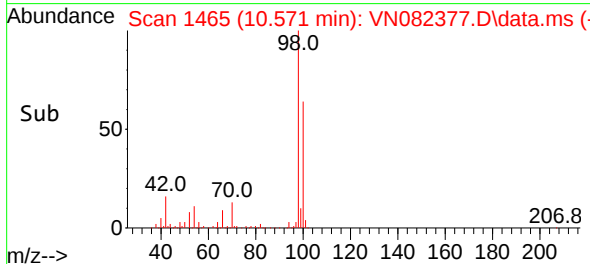
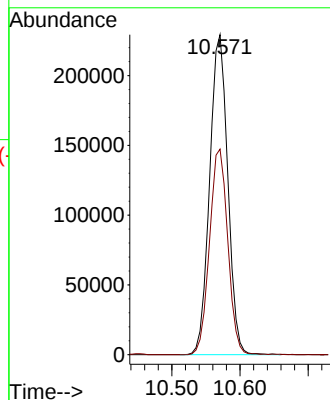
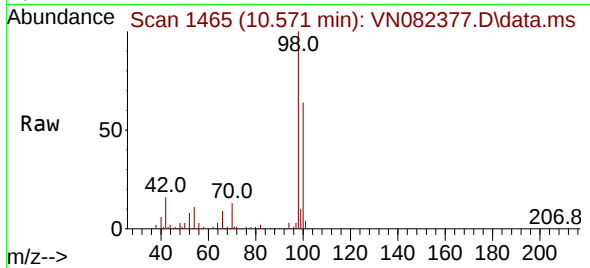




#50
Toluene-d8
Concen: 54.172 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082377.D
Acq: 29 May 2024 17:53

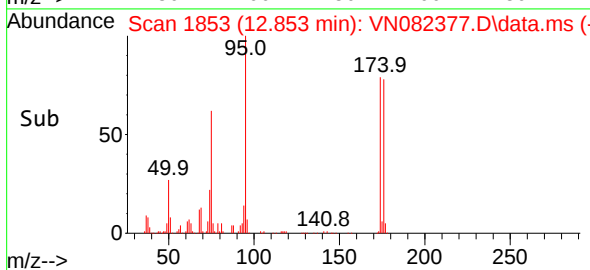
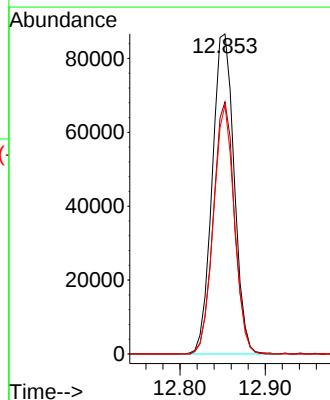
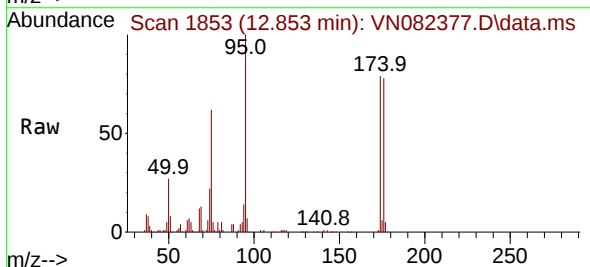
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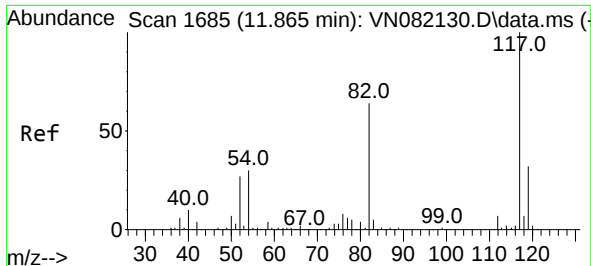
Tgt Ion: 98 Resp: 423767
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.417 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082377.D
Acq: 29 May 2024 17:53

Tgt Ion: 95 Resp: 154728
Ion Ratio Lower Upper
95 100
174 75.8 0.0 160.6
176 73.8 0.0 152.8

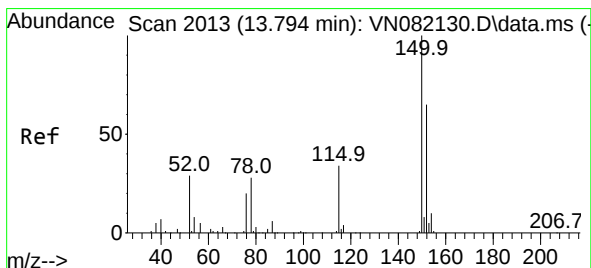
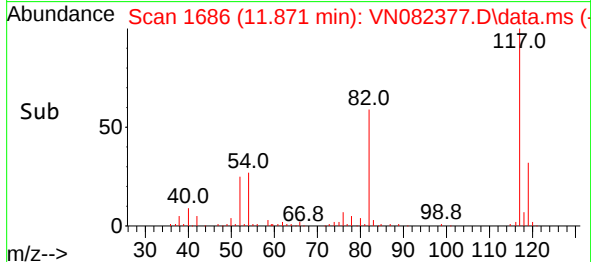
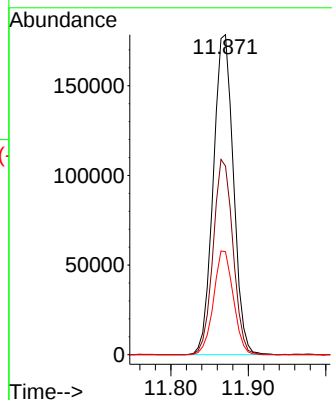
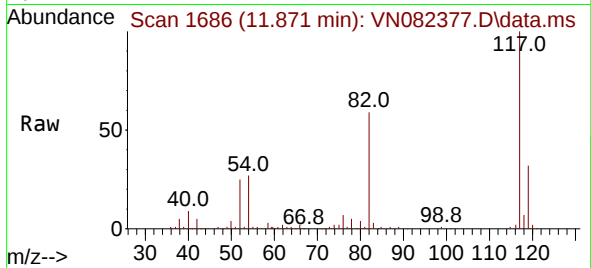




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082377.D
Acq: 29 May 2024 17:53

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 323198
Ion Ratio Lower Upper
117 100
82 59.0 44.6 66.8
119 32.2 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: VN082377.D
Acq: 29 May 2024 17:53

Tgt Ion:152 Resp: 143449
Ion Ratio Lower Upper
152 100
115 60.8 30.4 91.3
150 156.3 0.0 353.2

