

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082192.D
 Acq On : 17 May 2024 20:34
 Operator : JC\MD
 Sample : PB160967ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160967ZHE#10

Quant Time: May 17 23:17:25 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)

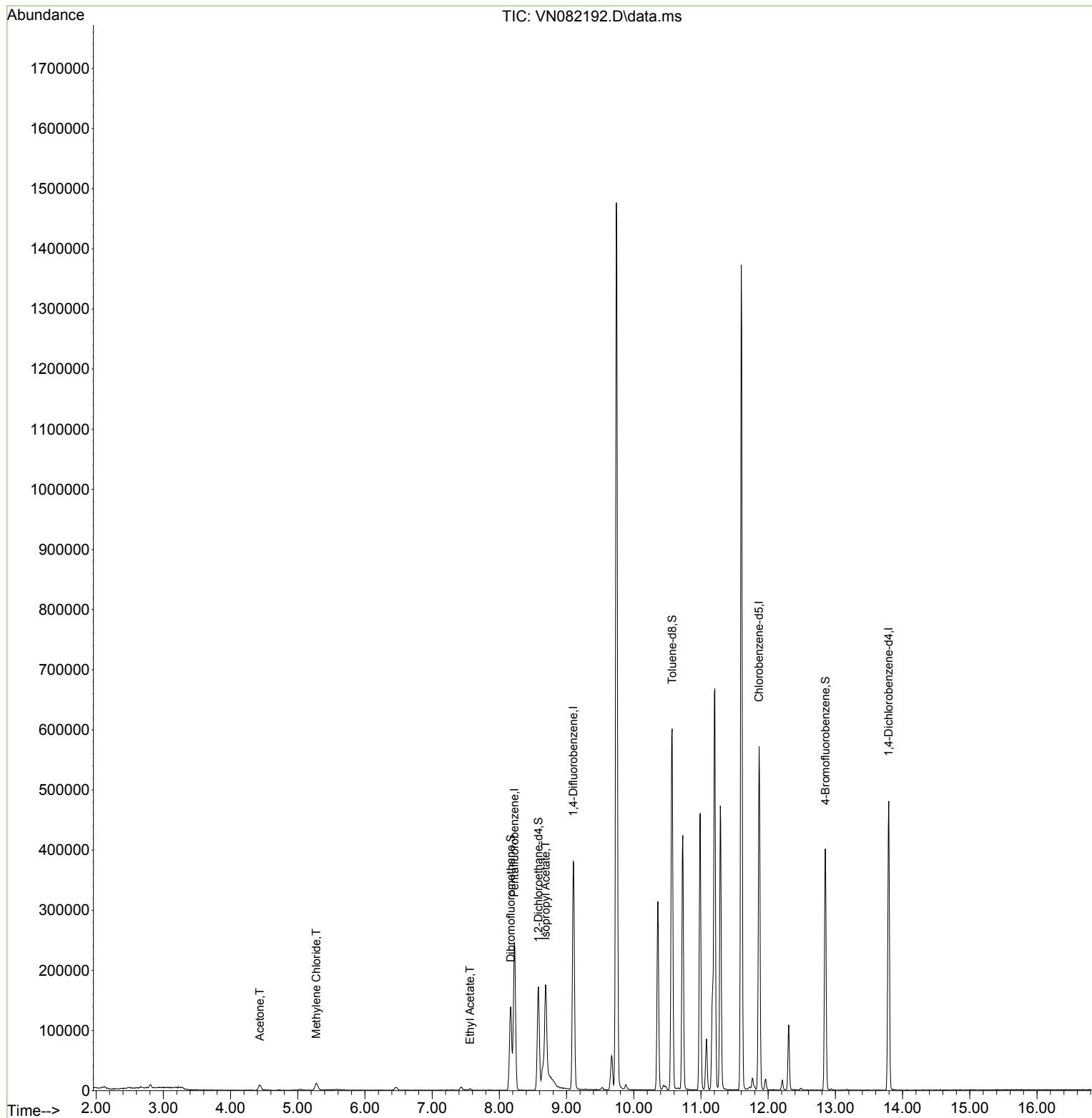
Internal Standards						
1) Pentafluorobenzene	8.224	168	170386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	139193	51.736	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.480%		
35) Dibromofluoromethane	8.171	113	97381	52.542	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.080%		
50) Toluene-d8	10.571	98	396010	55.731	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 111.460%		
62) 4-Bromofluorobenzene	12.853	95	130348	51.395	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 102.780%		
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	17633	15.977	ug/l	99
20) Methylene Chloride	5.277	84	8048	3.614	ug/l #	87
37) Ethyl Acetate	7.565	43	4133	1.188	ug/l #	74
43) Isopropyl Acetate	8.688	43	290656	47.153	ug/l #	69

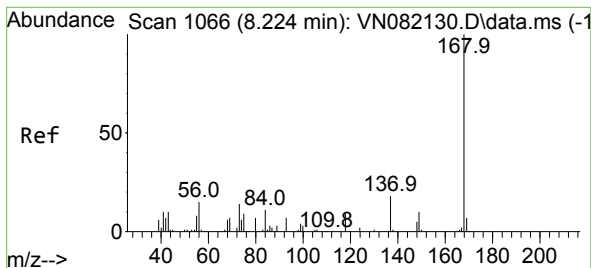
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

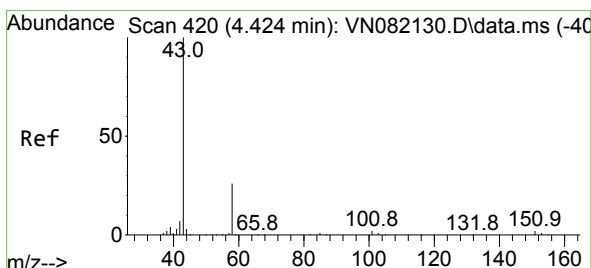
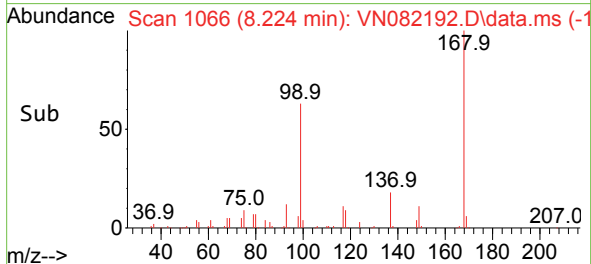
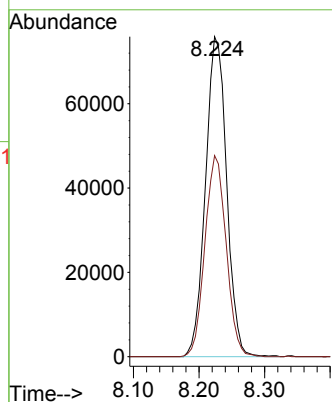
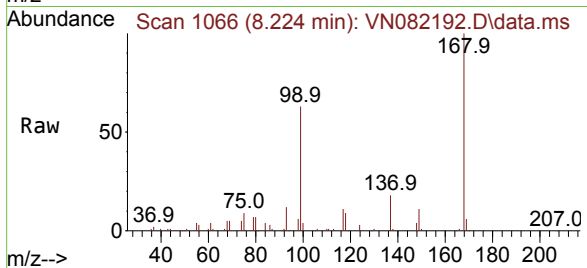
PB160967ZHE#10

Tgt Ion:168 Resp: 170386

Ion Ratio Lower Upper

168 100

99 62.8 48.2 72.4



#16

Acetone

Concen: 15.977 ug/l

RT: 4.436 min Scan# 422

Delta R.T. 0.012 min

Lab File: VN082192.D

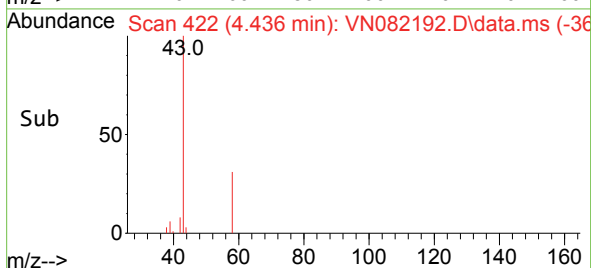
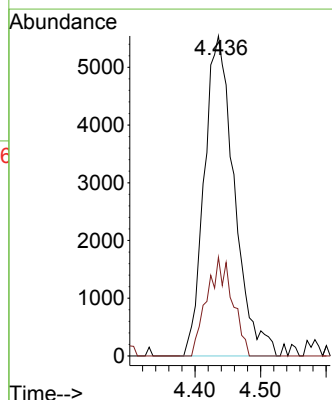
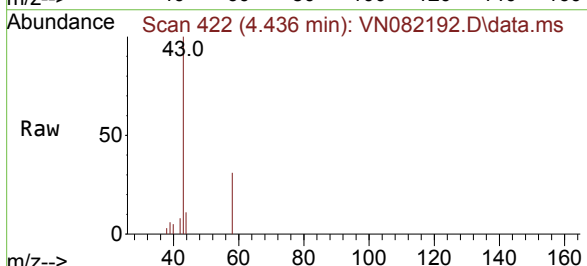
Acq: 17 May 2024 20:34

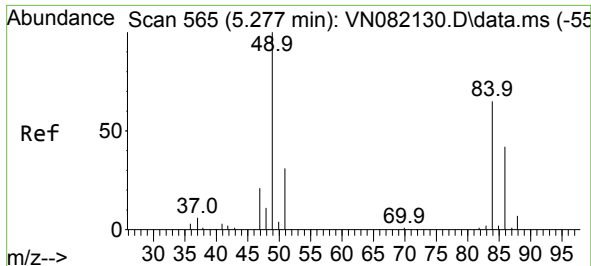
Tgt Ion: 43 Resp: 17633

Ion Ratio Lower Upper

43 100

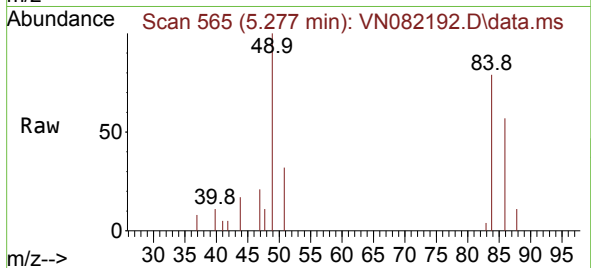
58 30.8 25.2 37.8



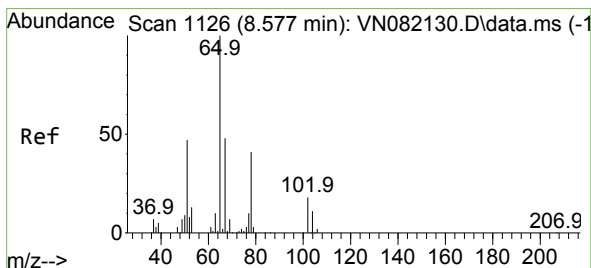
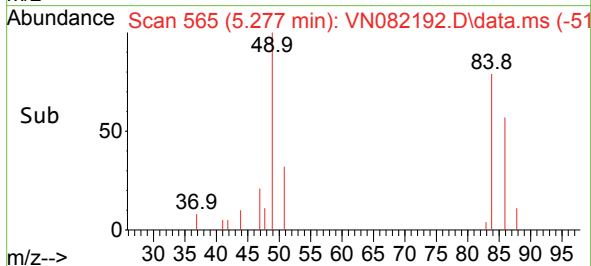
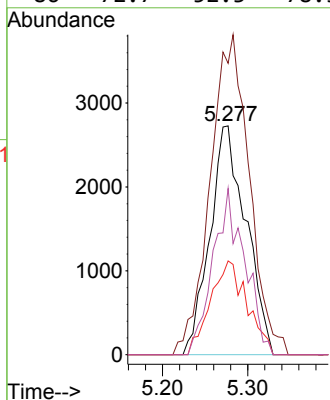


#20
Methylene Chloride
Concen: 3.614 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082192.D
Acq: 17 May 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#10

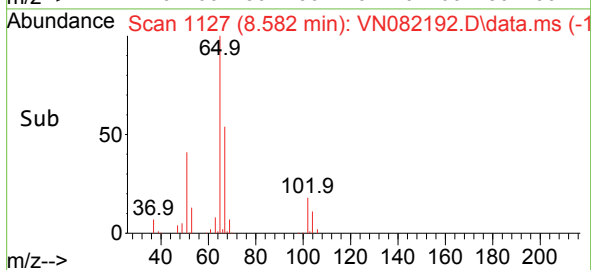
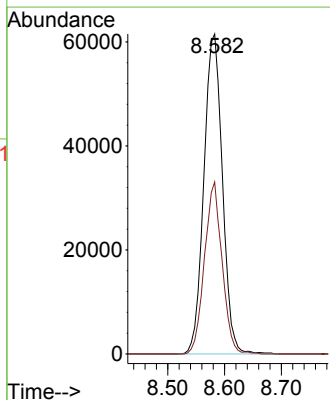
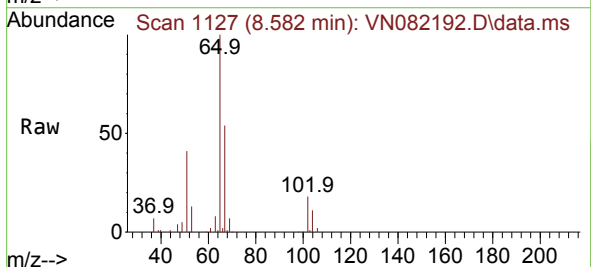


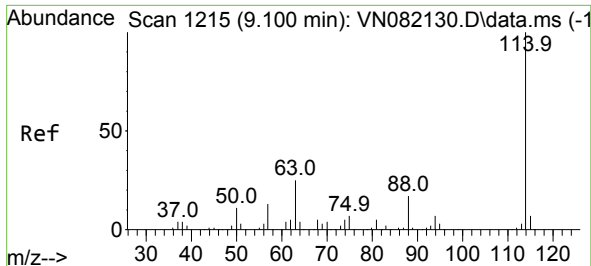
Tgt Ion:	84	Resp:	8048
Ion	Ratio	Lower	Upper
84	100		
49	121.7	84.9	127.3
51	41.0	27.0	40.6#
86	72.7	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 51.736 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082192.D
Acq: 17 May 2024 20:34

Tgt Ion:	65	Resp:	139193
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082192.D

Acq: 17 May 2024 20:34

Instrument :

MSVOA_N

ClientSampleId :

PB160967ZHE#10

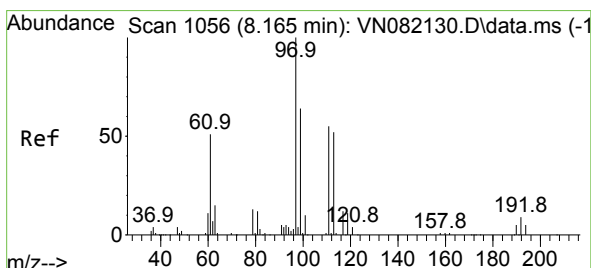
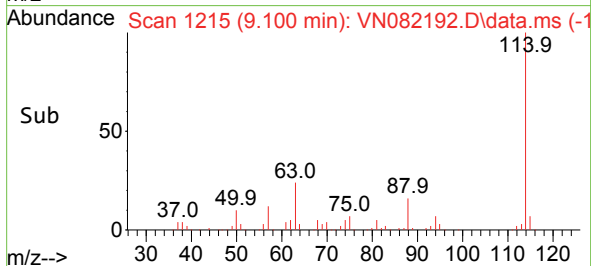
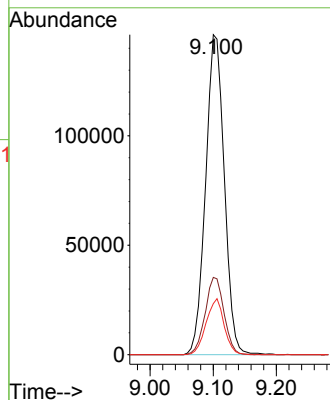
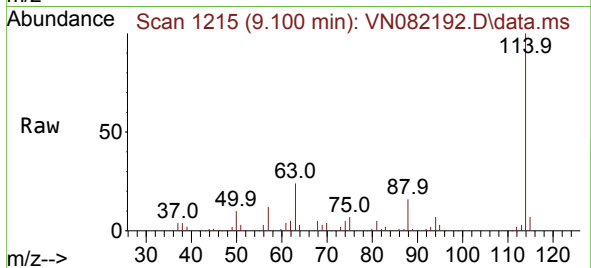
Tgt Ion:114 Resp: 301290

Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.0

88 16.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.542 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082192.D

Acq: 17 May 2024 20:34

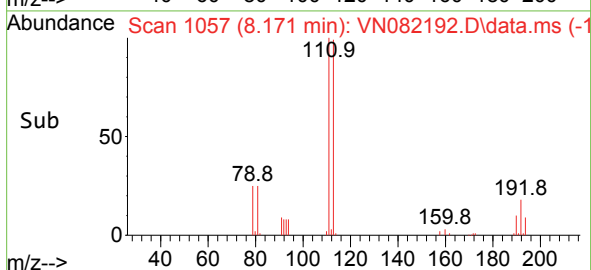
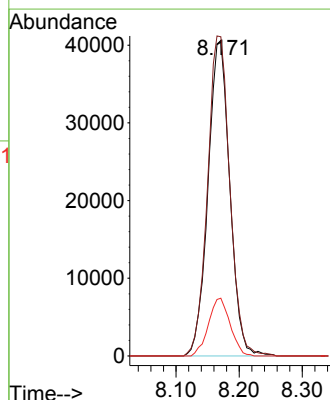
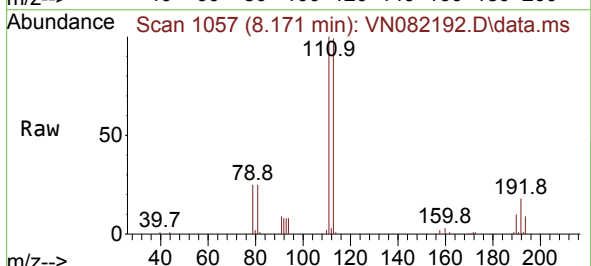
Tgt Ion:113 Resp: 97381

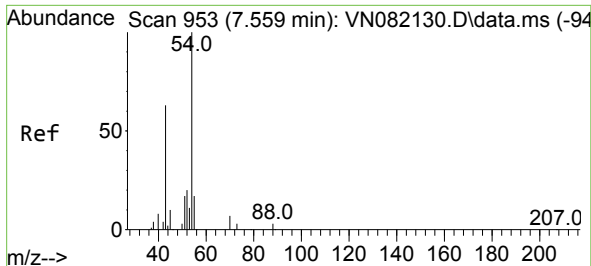
Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

192 18.2 14.0 21.0

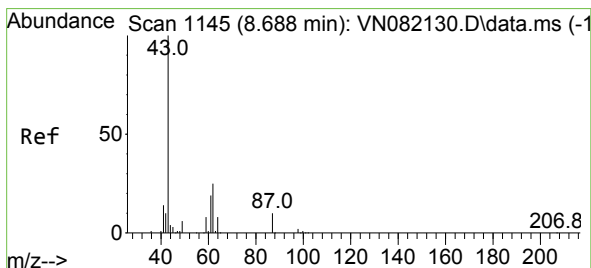
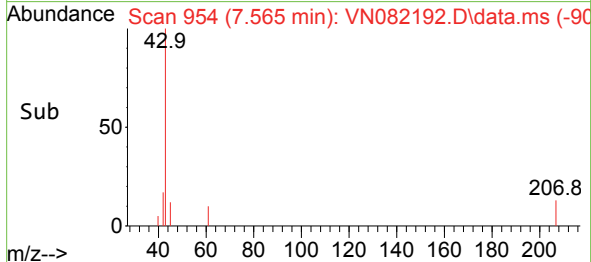
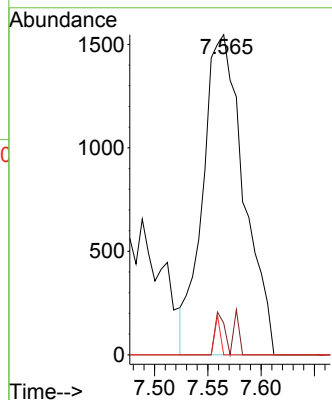
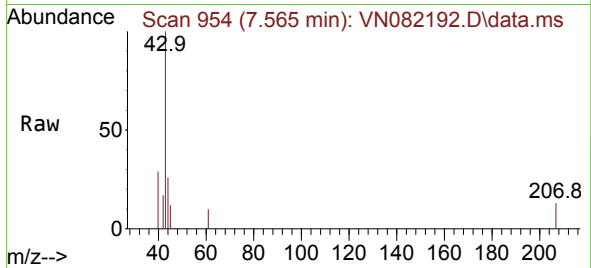




#37
Ethyl Acetate
Concen: 1.188 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN082192.D
Acq: 17 May 2024 20:34

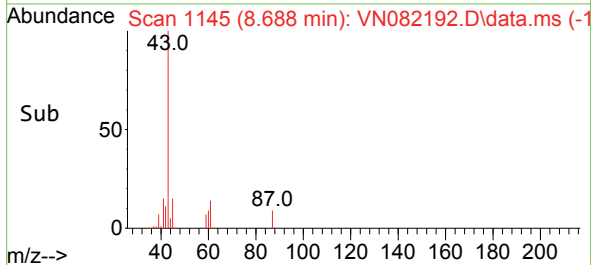
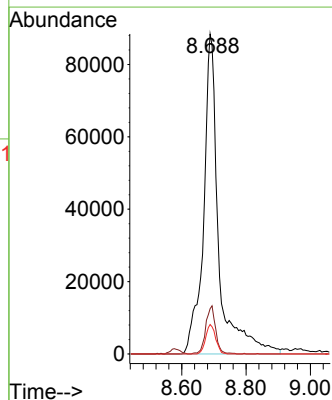
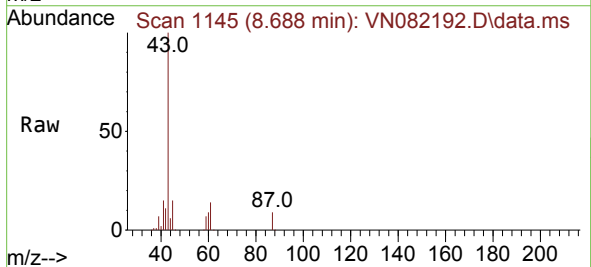
Instrument :
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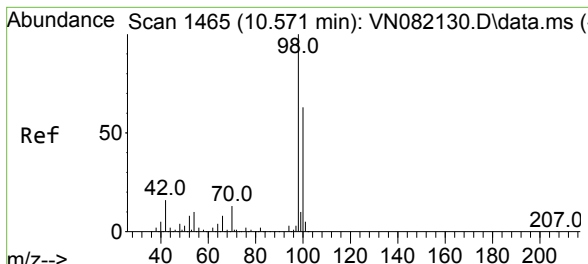
Tgt Ion: 43 Resp: 4133
Ion Ratio Lower Upper
43 100
61 3.1 11.3 16.9#
70 1.6 8.7 13.1#



#43
Isopropyl Acetate
Concen: 47.153 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082192.D
Acq: 17 May 2024 20:34

Tgt Ion: 43 Resp: 290656
Ion Ratio Lower Upper
43 100
61 9.8 22.8 34.2#
87 6.0 12.0 18.0#

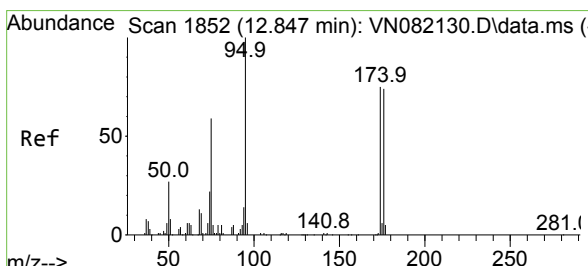
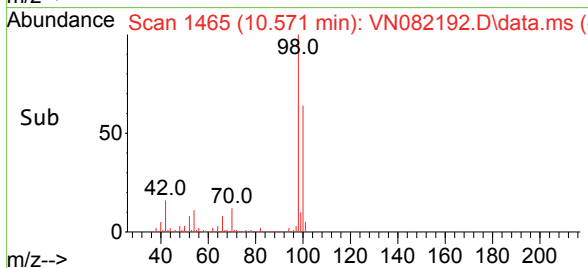
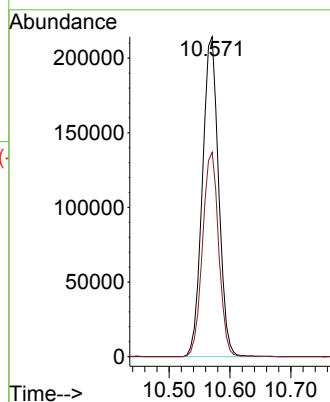
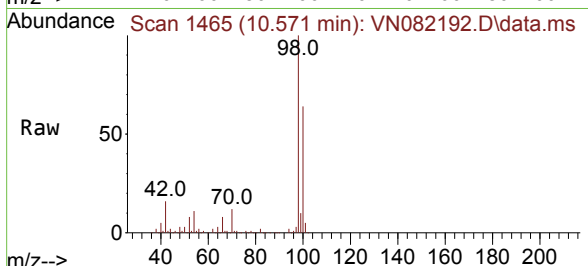




#50
Toluene-d8
Concen: 55.731 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082192.D
Acq: 17 May 2024 20:34

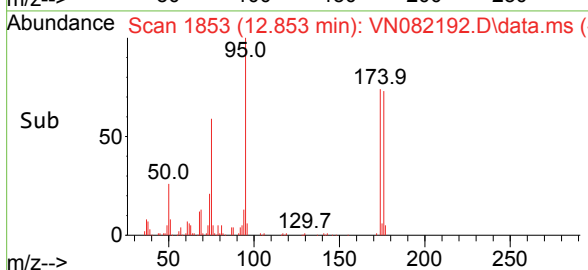
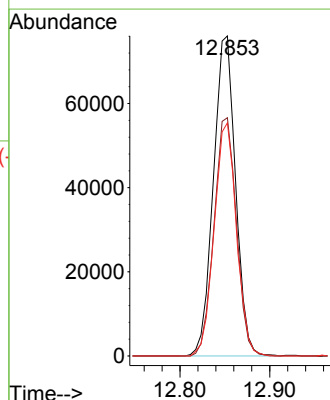
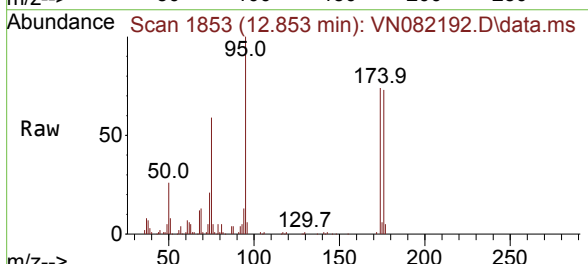
Instrument :
MSVOA_N
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PB160967ZHE#10

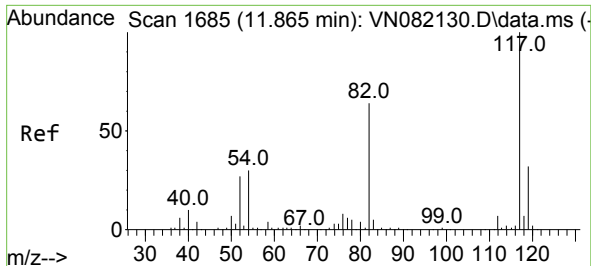
Tgt Ion: 98 Resp: 396010
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.395 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082192.D
Acq: 17 May 2024 20:34

Tgt Ion: 95 Resp: 130348
Ion Ratio Lower Upper
95 100
174 75.4 0.0 160.6
176 73.2 0.0 152.8

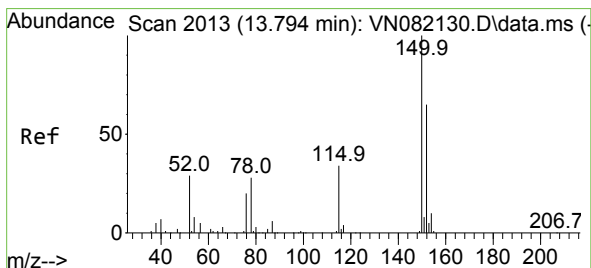
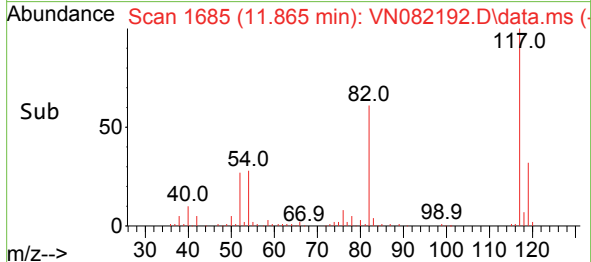
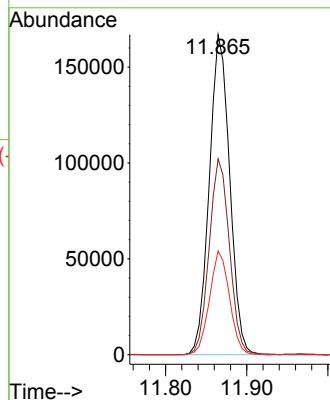
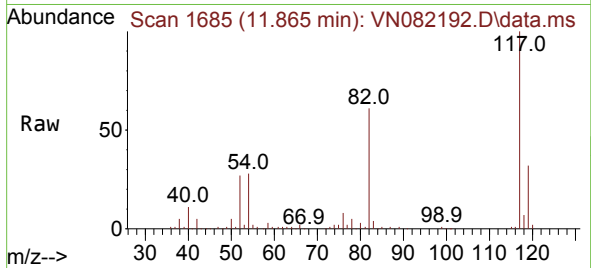




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082192.D
Acq: 17 May 2024 20:34

Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#10

Tgt Ion:117 Resp: 291421
Ion Ratio Lower Upper
117 100
82 61.2 44.6 66.8
119 32.4 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: VN082192.D
Acq: 17 May 2024 20:34

Tgt Ion:152 Resp: 119245
Ion Ratio Lower Upper
152 100
115 62.1 30.4 91.3
150 158.5 0.0 353.2

