

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082184.D
 Acq On : 17 May 2024 17:22
 Operator : JC\MD
 Sample : PB160967ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160967ZHE#02

Quant Time: May 17 23:13:46 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)

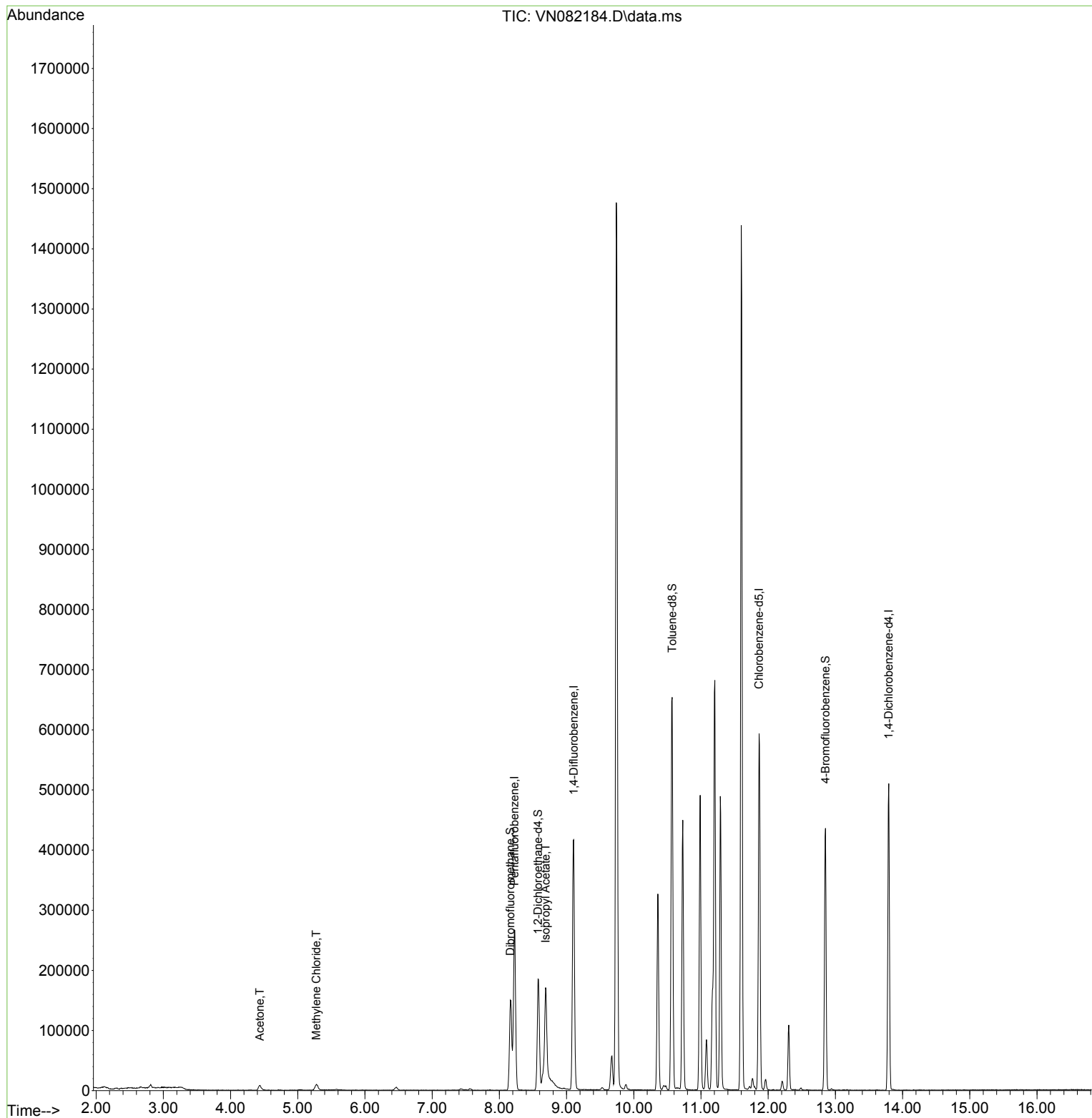
Internal Standards						
1) Pentafluorobenzene	8.224	168	185941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	327417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154497	52.621	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.240%	
35) Dibromofluoromethane	8.165	113	107149	53.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.400%	
50) Toluene-d8	10.571	98	427156	55.317	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.640%	
62) 4-Bromofluorobenzene	12.853	95	141647	51.393	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.780%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	15127	12.560	ug/l #	85
20) Methylene Chloride	5.277	84	6676	2.747	ug/l #	73
43) Isopropyl Acetate	8.688	43	241722	36.085	ug/l #	73

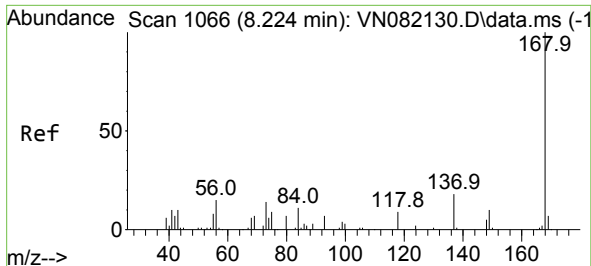
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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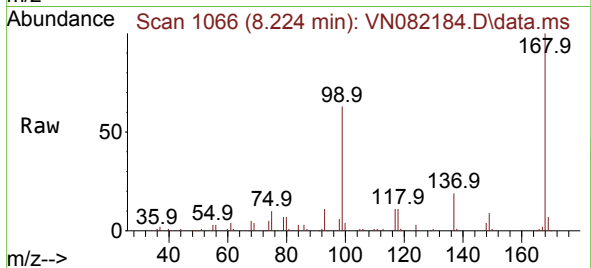
Quant Time: May 17 23:13:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
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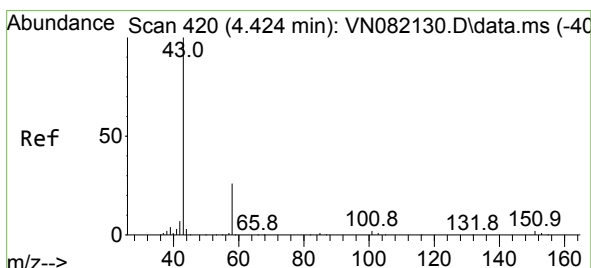
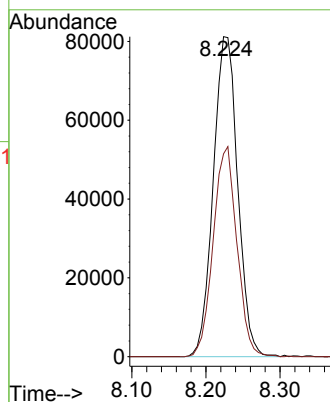
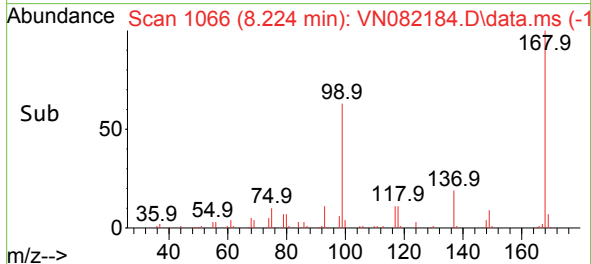


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082184.D
Acq: 17 May 2024 17:22

Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#02

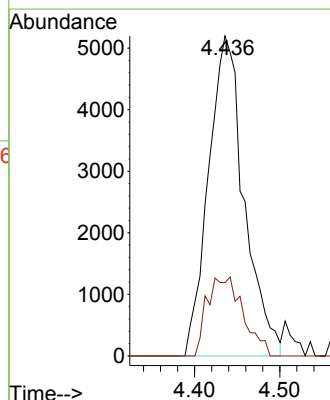
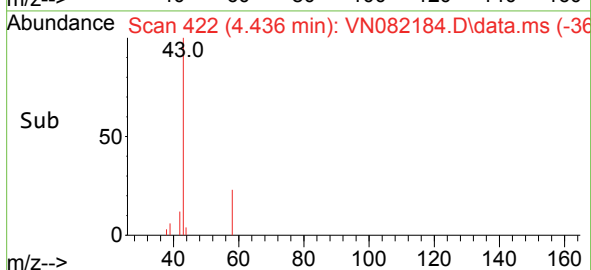
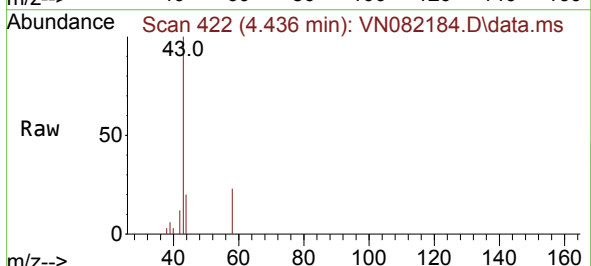


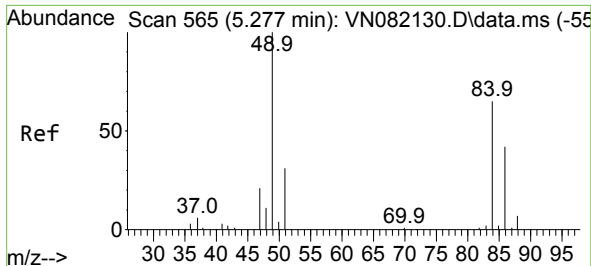
Tgt Ion:168 Resp: 185941
Ion Ratio Lower Upper
168 100
99 63.4 48.2 72.4



#16
Acetone
Concen: 12.560 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082184.D
Acq: 17 May 2024 17:22

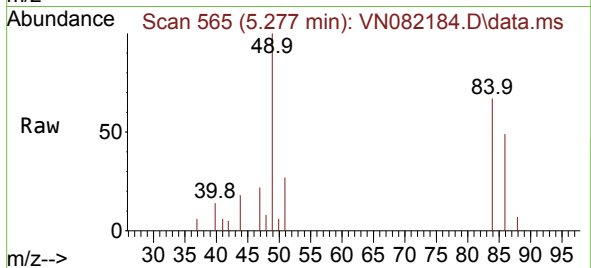
Tgt Ion: 43 Resp: 15127
Ion Ratio Lower Upper
43 100
58 22.9 25.2 37.8#



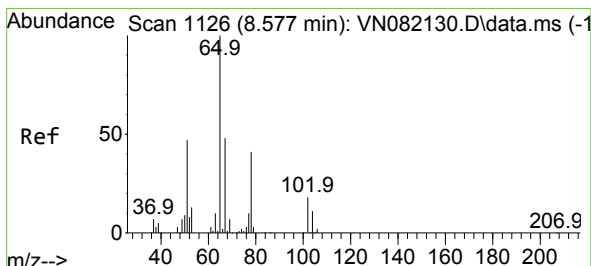
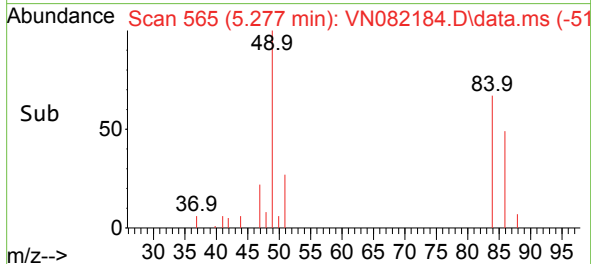
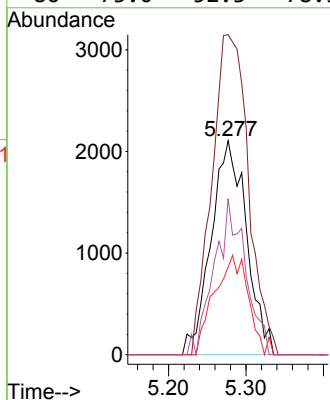


#20
Methylene Chloride
Concen: 2.747 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082184.D
Acq: 17 May 2024 17:22

Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#02

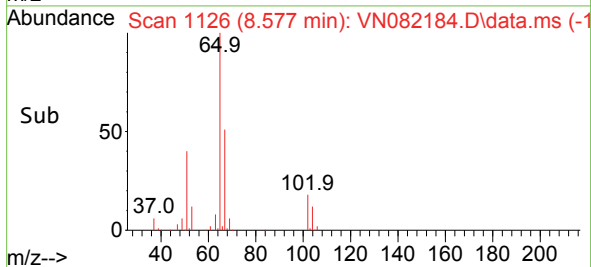
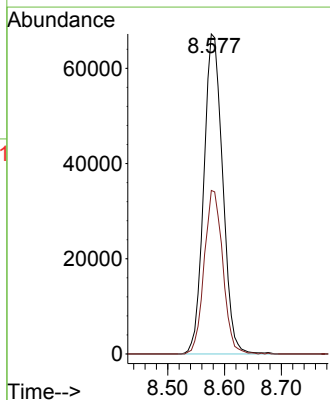
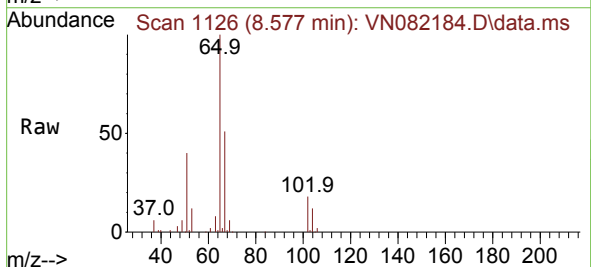


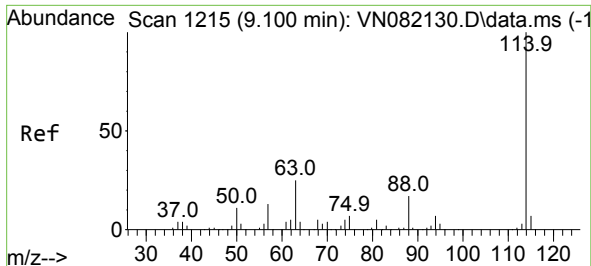
Tgt Ion:	84	Resp:	6676
Ion	Ratio	Lower	Upper
84	100		
49	149.6	84.9	127.3#
51	40.9	27.0	40.6#
86	73.0	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 52.621 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082184.D
Acq: 17 May 2024 17:22

Tgt Ion:	65	Resp:	154497
Ion	Ratio	Lower	Upper
65	100		
67	50.4	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: VN082184.D

Acq: 17 May 2024 17:22

Instrument :

MSVOA_N

ClientSampleId :

PB160967ZHE#02

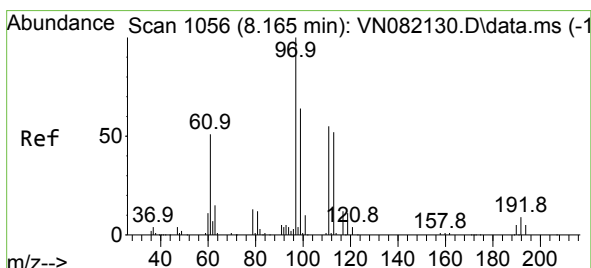
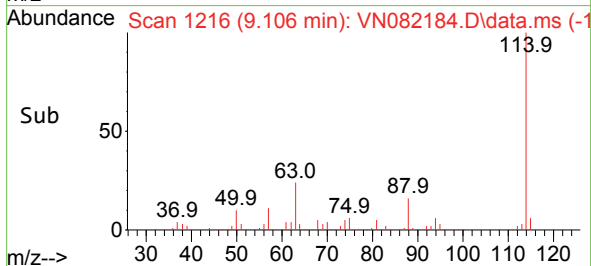
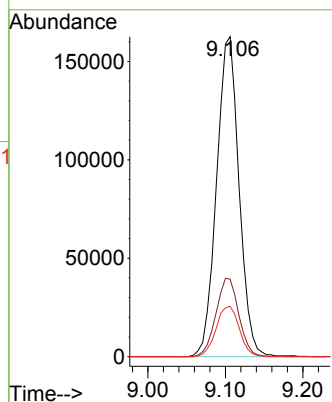
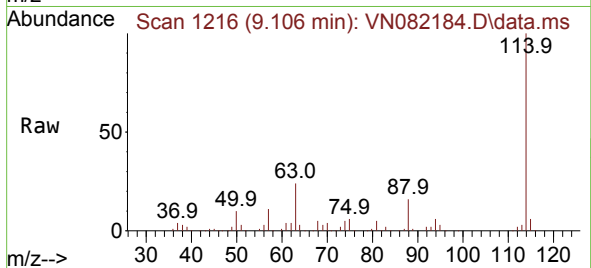
Tgt Ion:114 Resp: 327417

Ion Ratio Lower Upper

114 100

63 24.2 0.0 41.0

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.199 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082184.D

Acq: 17 May 2024 17:22

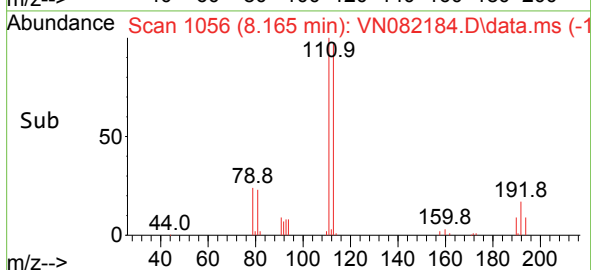
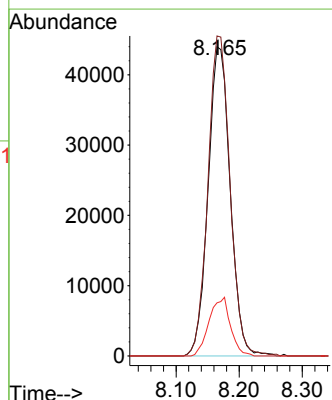
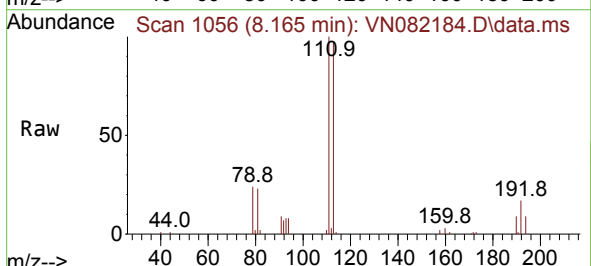
Tgt Ion:113 Resp: 107149

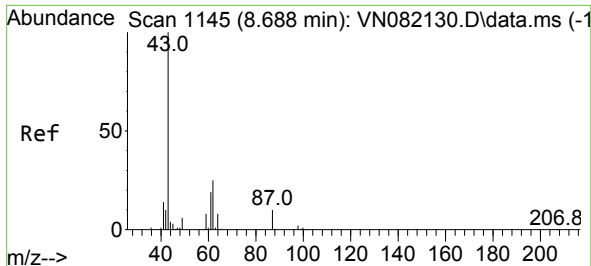
Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

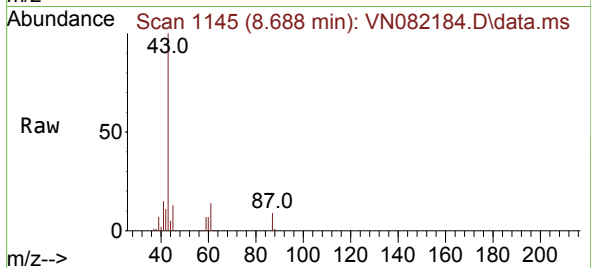
192 18.3 14.0 21.0



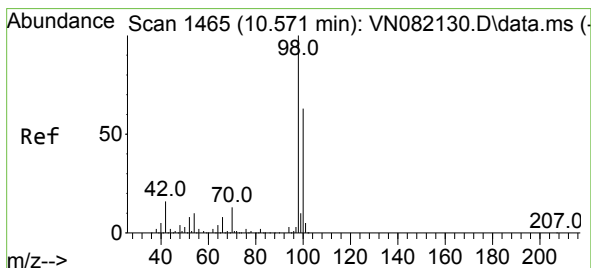
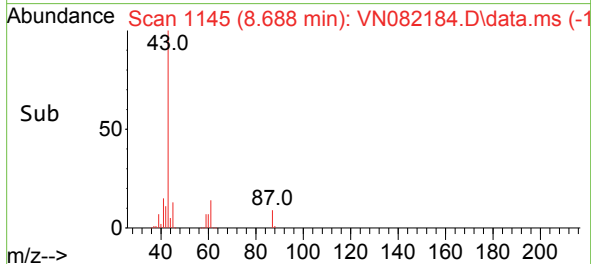
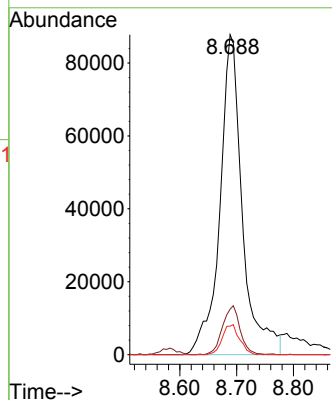


#43
Isopropyl Acetate
Concen: 36.085 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082184.D
Acq: 17 May 2024 17:22

Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#02

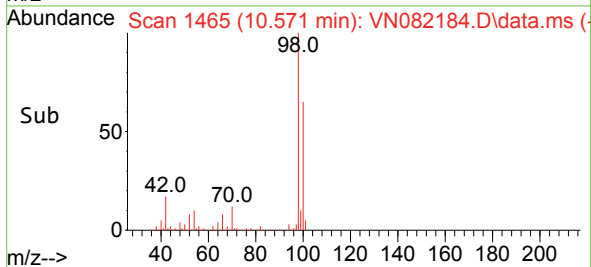
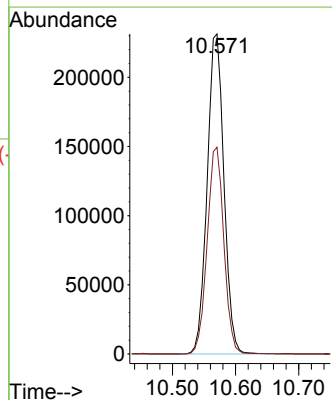
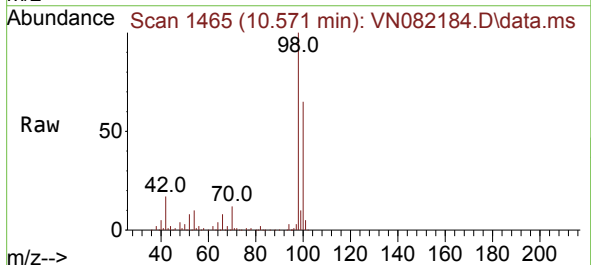


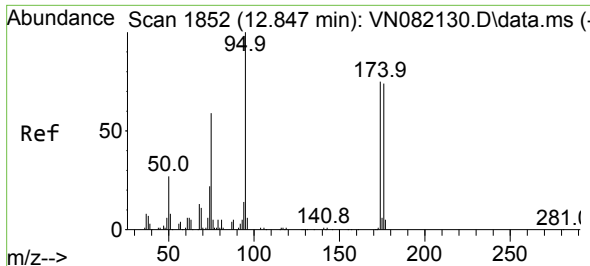
Tgt Ion: 43 Resp: 241722
Ion Ratio Lower Upper
43 100
61 12.0 22.8 34.2#
87 7.2 12.0 18.0#



#50
Toluene-d8
Concen: 55.317 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082184.D
Acq: 17 May 2024 17:22

Tgt Ion: 98 Resp: 427156
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

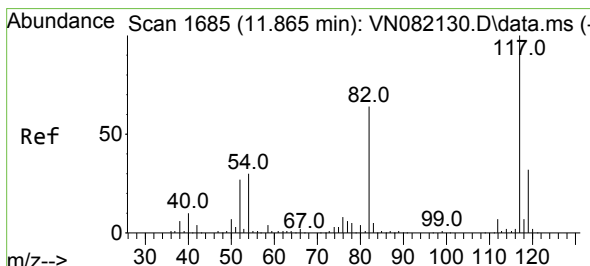
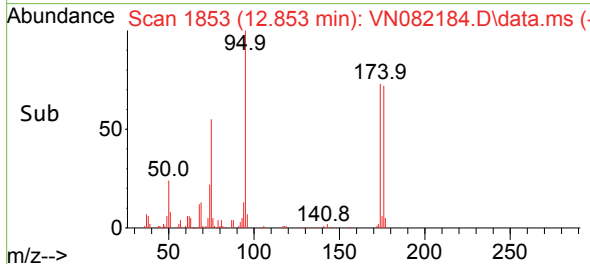
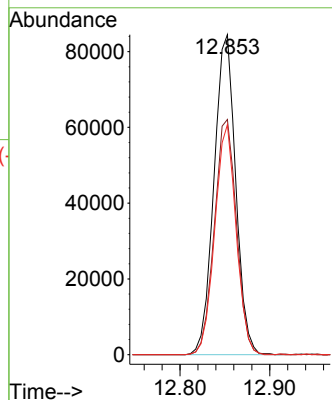
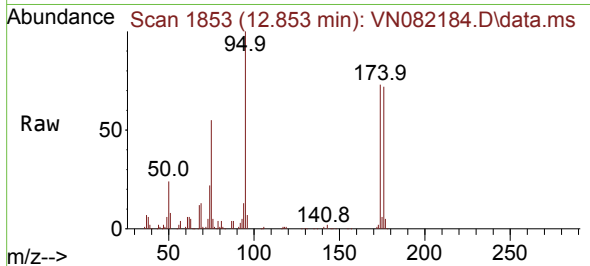




#62
4-Bromofluorobenzene
Concen: 51.393 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082184.D
Acq: 17 May 2024 17:22

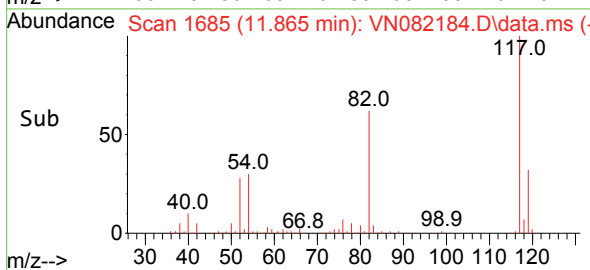
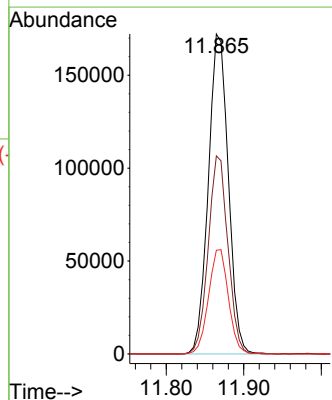
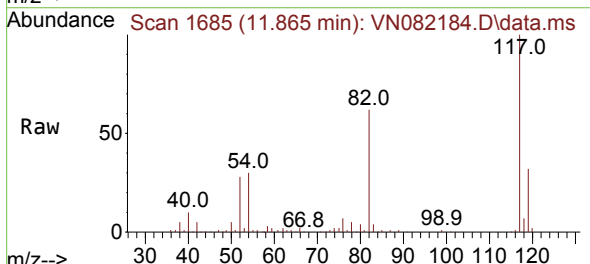
Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#02

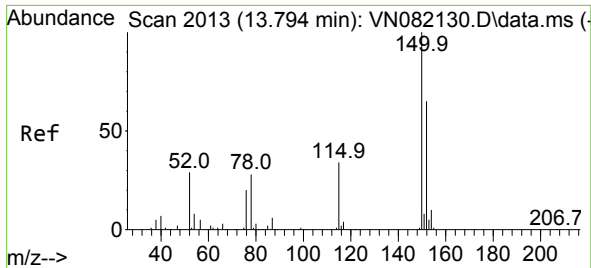
Tgt Ion: 95 Resp: 141647
Ion Ratio Lower Upper
95 100
174 75.0 0.0 160.6
176 70.6 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082184.D
Acq: 17 May 2024 17:22

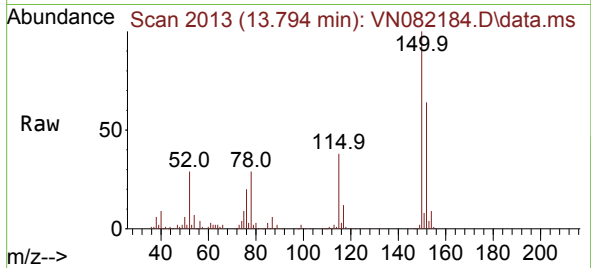
Tgt Ion: 117 Resp: 308205
Ion Ratio Lower Upper
117 100
82 61.9 44.6 66.8
119 32.4 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082184.D
Acq: 17 May 2024 17:22

Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#02



Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.4	91.3
150	158.2	0.0	353.2

