

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082186.D
 Acq On : 17 May 2024 18:10
 Operator : JC\MD
 Sample : PB160967ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160967ZHE#04

Quant Time: May 17 23:14:43 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)

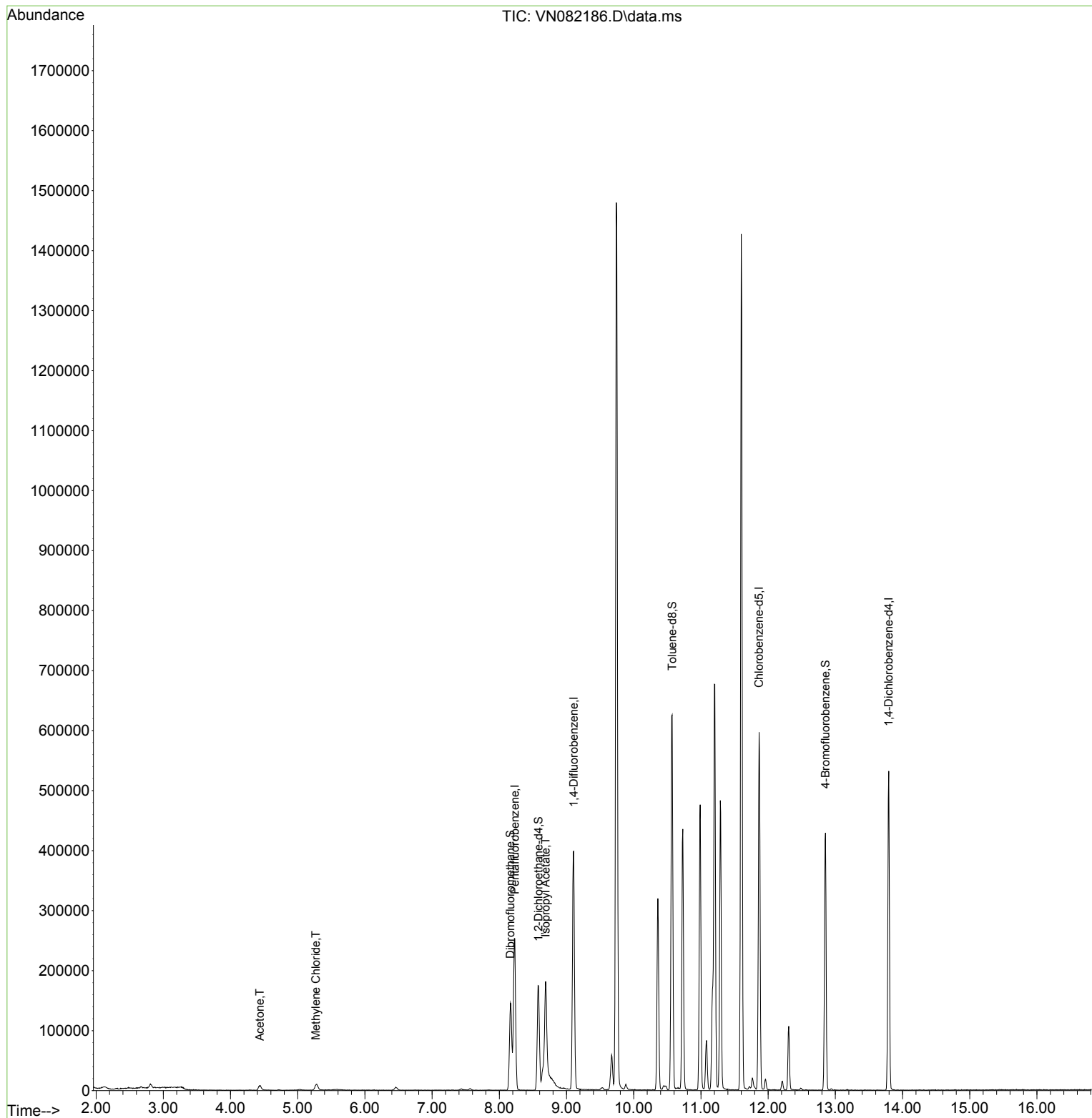
Internal Standards						
1) Pentafluorobenzene	8.230	168	174972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	316902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	146731	53.109	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.220%	
35) Dibromofluoromethane	8.165	113	102814	52.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.480%	
50) Toluene-d8	10.571	98	413158	55.279	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.560%	
62) 4-Bromofluorobenzene	12.853	95	138288	51.839	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.680%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	16109	14.213	ug/l	97
20) Methylene Chloride	5.271	84	6960	3.044	ug/l #	79
43) Isopropyl Acetate	8.688	43	288854	44.552	ug/l #	70

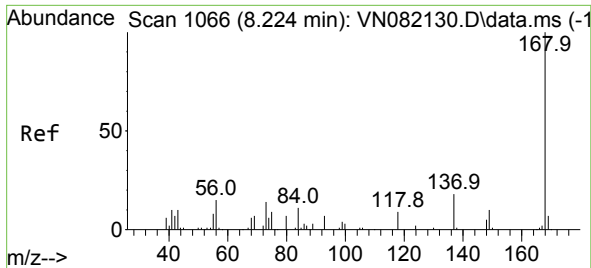
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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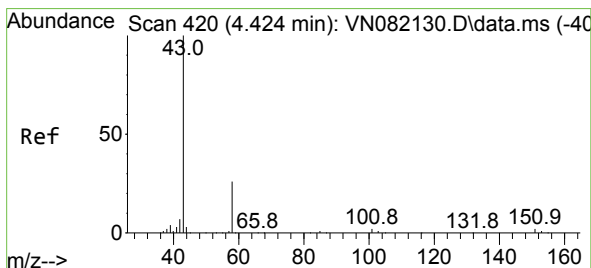
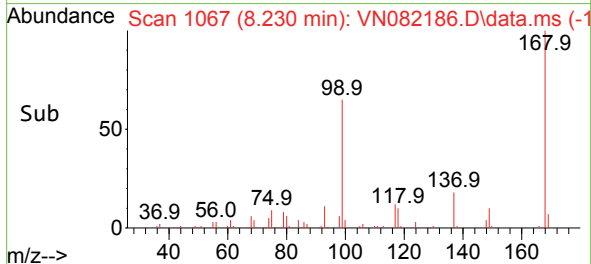
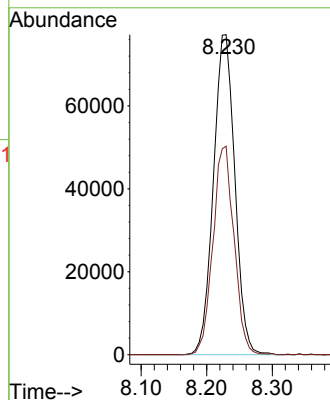
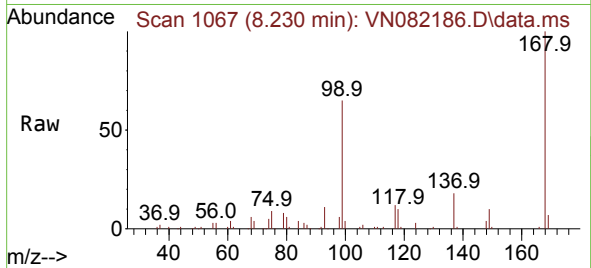




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082186.D
Acq: 17 May 2024 18:10

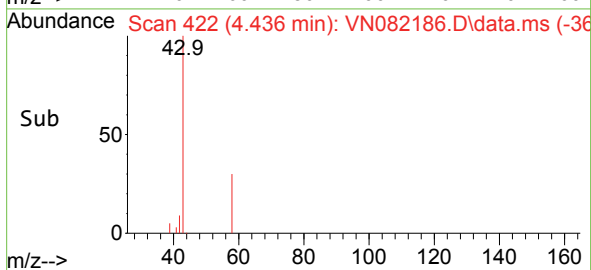
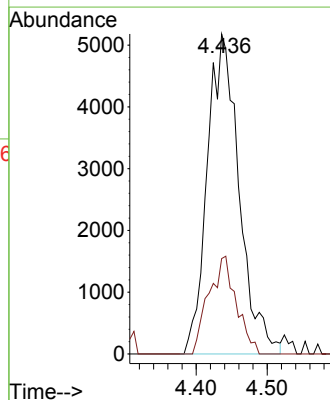
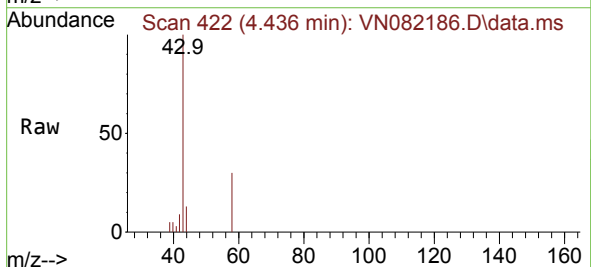
Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#04

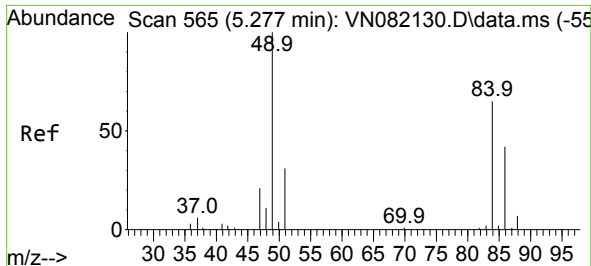
Tgt Ion:168 Resp: 174972
Ion Ratio Lower Upper
168 100
99 65.2 48.2 72.4



#16
Acetone
Concen: 14.213 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082186.D
Acq: 17 May 2024 18:10

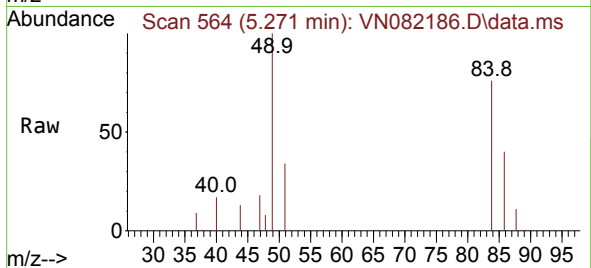
Tgt Ion: 43 Resp: 16109
Ion Ratio Lower Upper
43 100
58 29.8 25.2 37.8



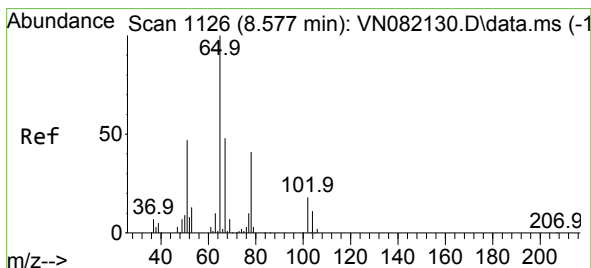
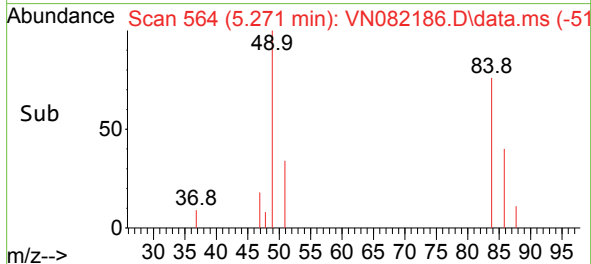
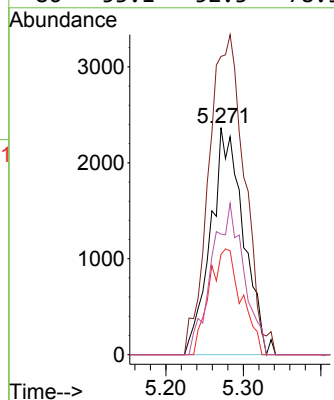


#20
Methylene Chloride
Concen: 3.044 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082186.D
Acq: 17 May 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#04

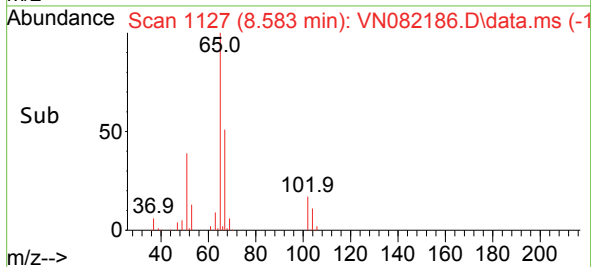
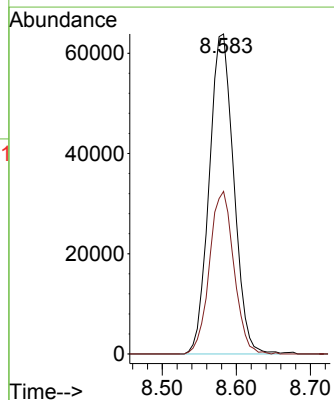
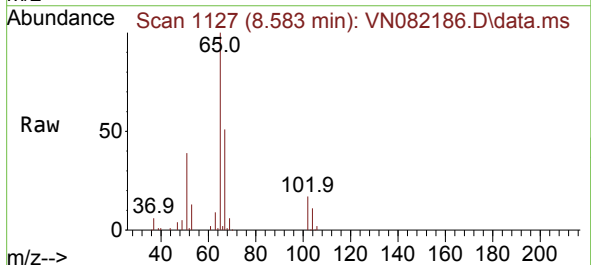


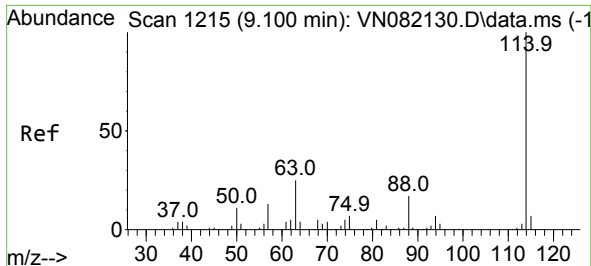
Tgt Ion:	84	Resp:	6960
Ion	Ratio	Lower	Upper
84	100		
49	131.4	84.9	127.3#
51	44.1	27.0	40.6#
86	53.1	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: 53.109 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082186.D
Acq: 17 May 2024 18:10

Tgt Ion:	65	Resp:	146731
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082186.D

Acq: 17 May 2024 18:10

Instrument :

MSVOA_N

ClientSampleId :

PB160967ZHE#04

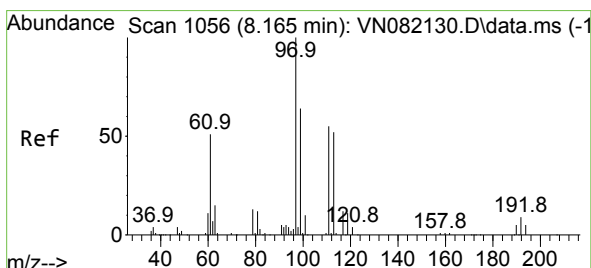
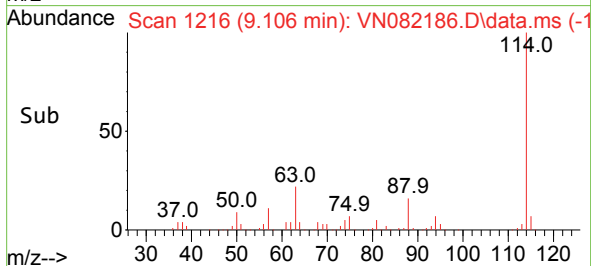
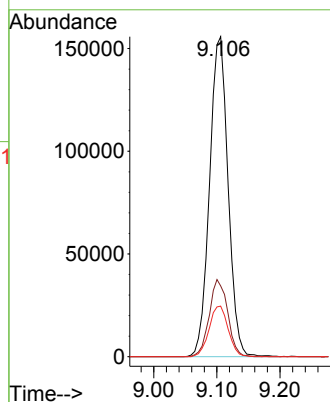
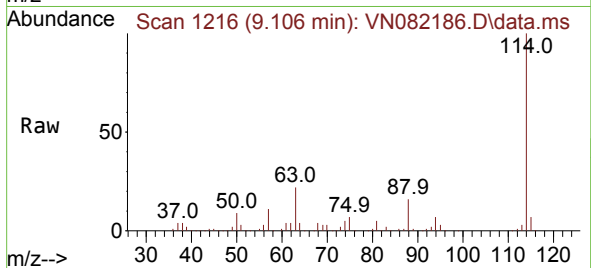
Tgt Ion:114 Resp: 316902

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.0

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.740 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082186.D

Acq: 17 May 2024 18:10

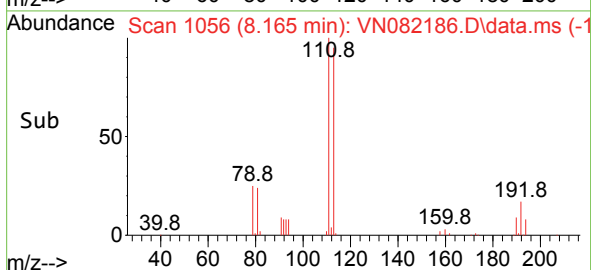
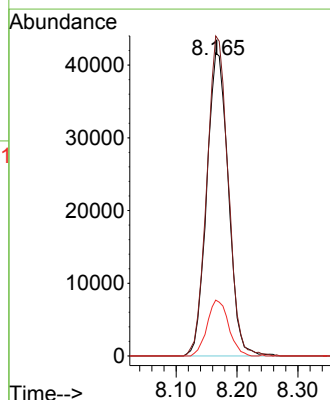
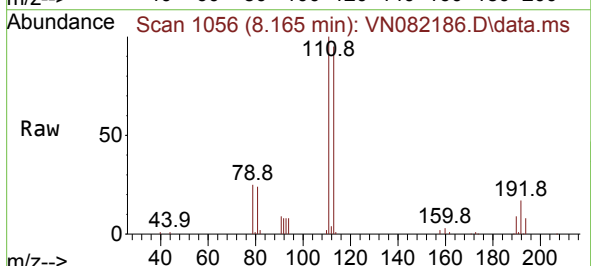
Tgt Ion:113 Resp: 102814

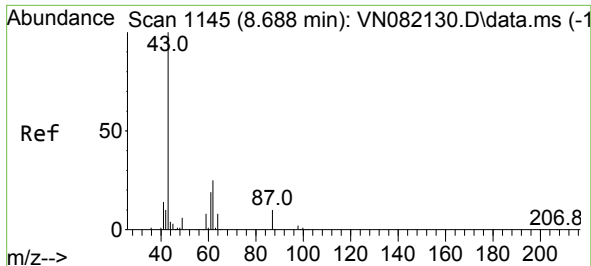
Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.2

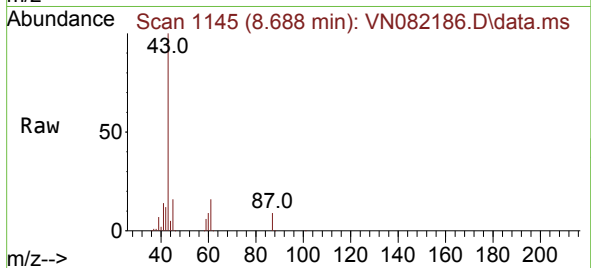
192 18.3 14.0 21.0



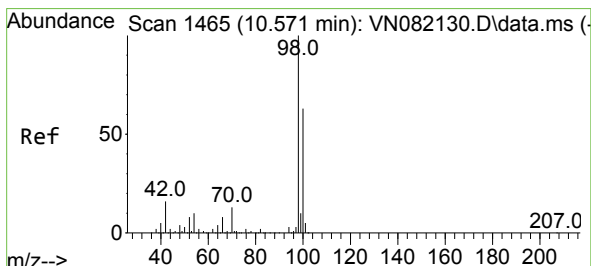
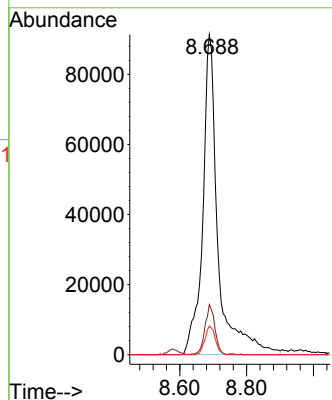
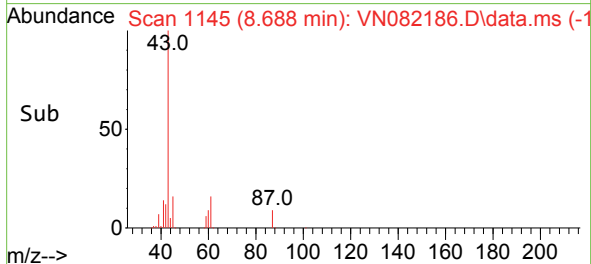


#43
Isopropyl Acetate
Concen: 44.552 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082186.D
Acq: 17 May 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#04

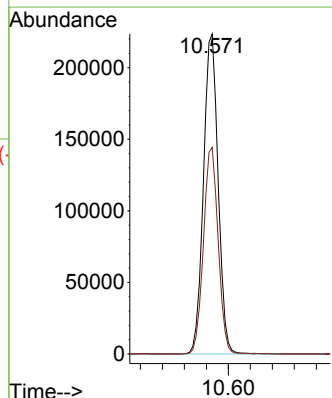
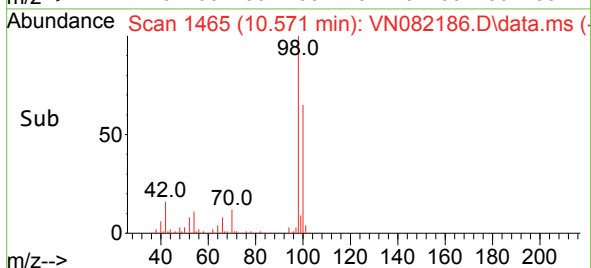
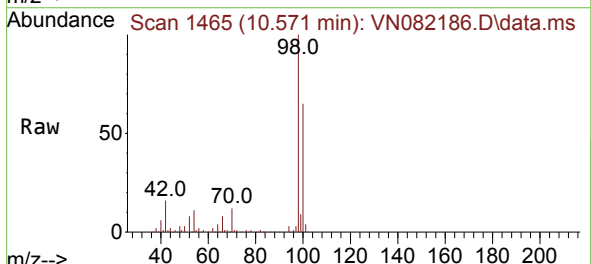


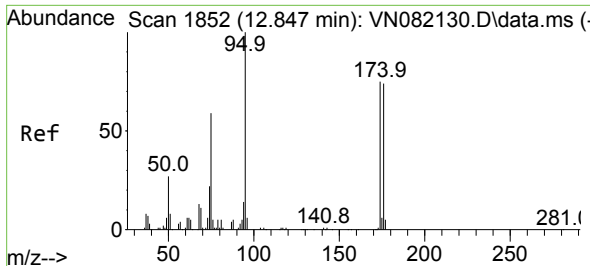
Tgt Ion: 43 Resp: 288854
Ion Ratio Lower Upper
43 100
61 10.2 22.8 34.2#
87 6.1 12.0 18.0#



#50
Toluene-d8
Concen: 55.279 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082186.D
Acq: 17 May 2024 18:10

Tgt Ion: 98 Resp: 413158
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

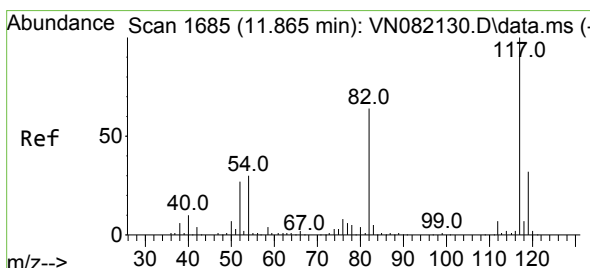
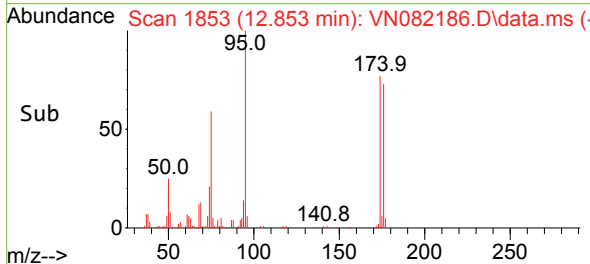
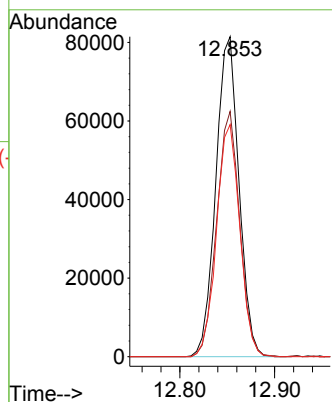
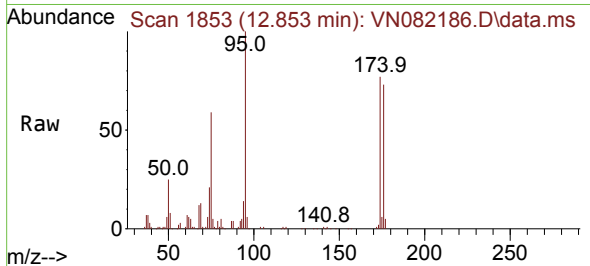




#62
4-Bromofluorobenzene
Concen: 51.839 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082186.D
Acq: 17 May 2024 18:10

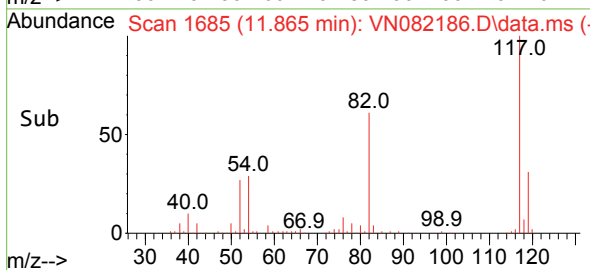
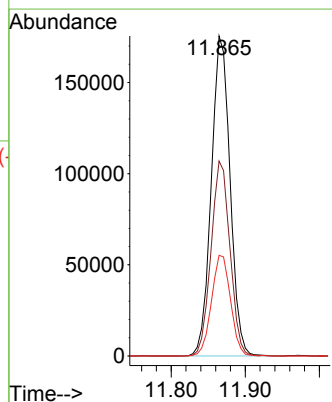
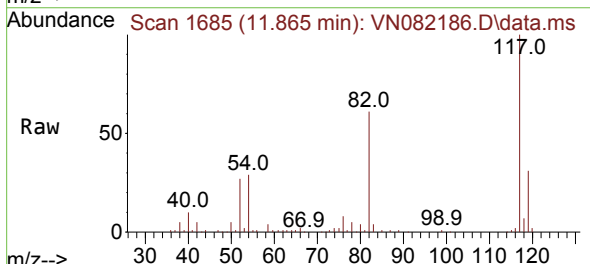
Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#04

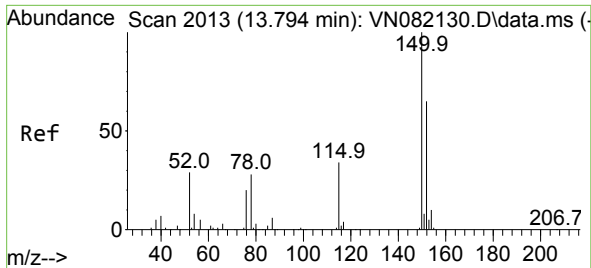
Tgt Ion: 95 Resp: 138288
Ion Ratio Lower Upper
95 100
174 76.2 0.0 160.6
176 72.9 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN082186.D
Acq: 17 May 2024 18:10

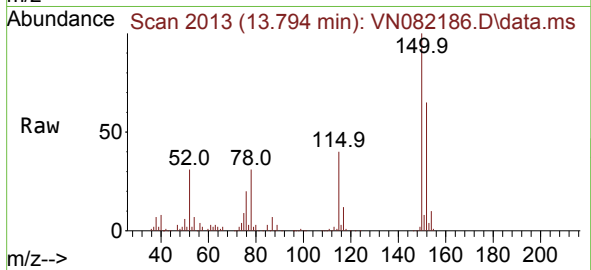
Tgt Ion: 117 Resp: 308438
Ion Ratio Lower Upper
117 100
82 60.9 44.6 66.8
119 31.4 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN082186.D
 Acq: 17 May 2024 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160967ZHE#04



Tgt Ion:152 Resp: 127918
 Ion Ratio Lower Upper
 152 100
 115 61.3 30.4 91.3
 150 157.0 0.0 353.2

