

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082191.D
 Acq On : 17 May 2024 20:10
 Operator : JC\MD
 Sample : PB160967ZHE#09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160967ZHE#09

Quant Time: May 17 23:16:58 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)

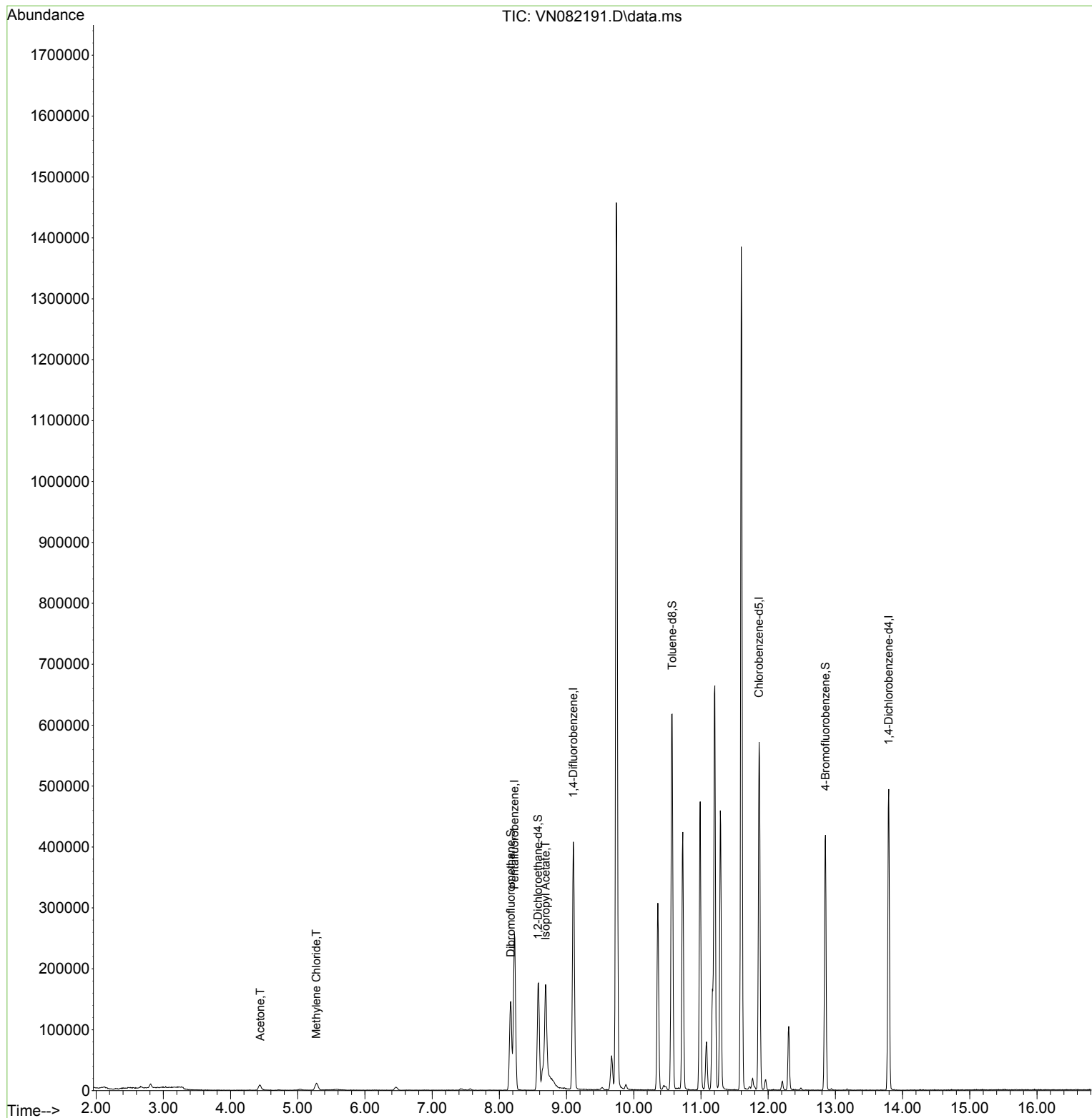
Internal Standards						
1) Pentafluorobenzene	8.224	168	174152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	143835	52.305	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.620%	
35) Dibromofluoromethane	8.171	113	102091	52.332	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.660%	
50) Toluene-d8	10.570	98	404727	54.112	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.220%	
62) 4-Bromofluorobenzene	12.853	95	134845	50.512	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 101.020%	
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	16900	14.981	ug/l	93
20) Methylene Chloride	5.277	84	7904	3.473	ug/l #	89
43) Isopropyl Acetate	8.688	43	253235	39.030	ug/l #	72

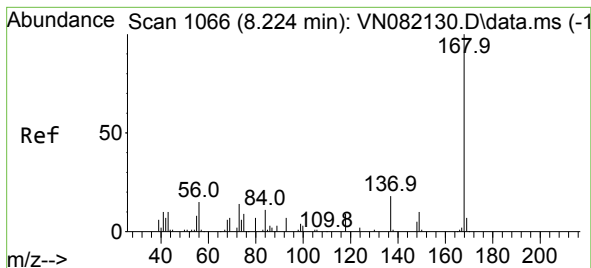
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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Acq: 17 May 2024 20:10

Instrument :

MSVOA_N

ClientSampleId :

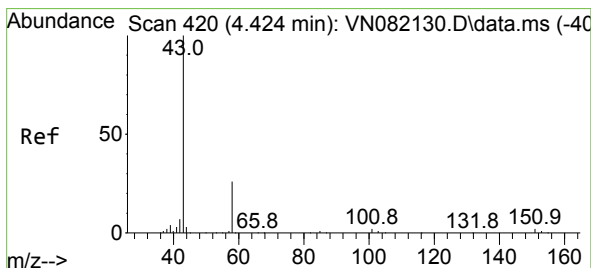
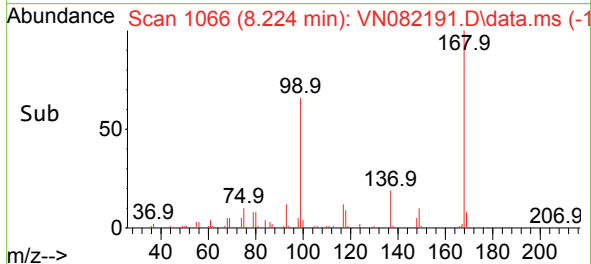
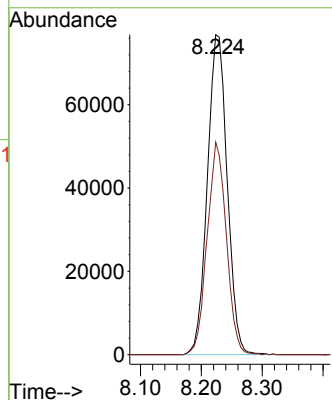
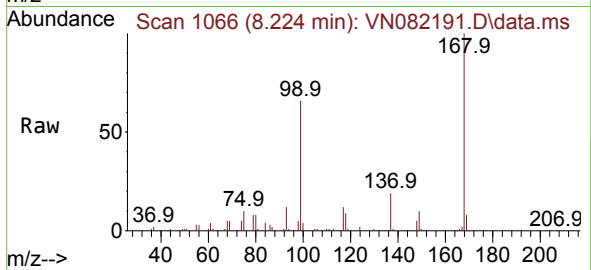
PB160967ZHE#09

Tgt Ion:168 Resp: 174152

Ion Ratio Lower Upper

168 100

99 66.4 48.2 72.4



#16

Acetone

Concen: 14.981 ug/l

RT: 4.441 min Scan# 423

Delta R.T. 0.017 min

Lab File: VN082191.D

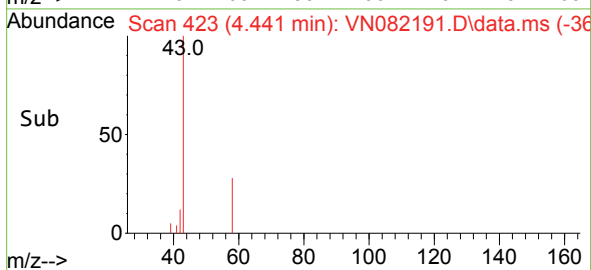
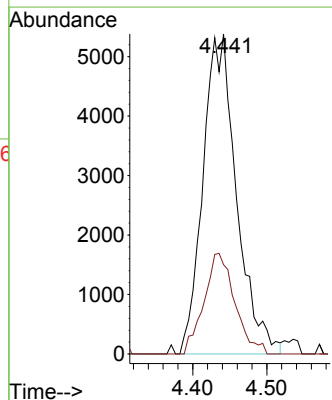
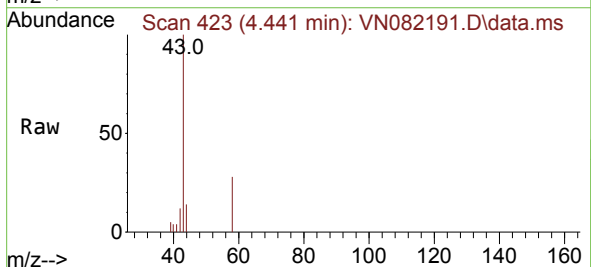
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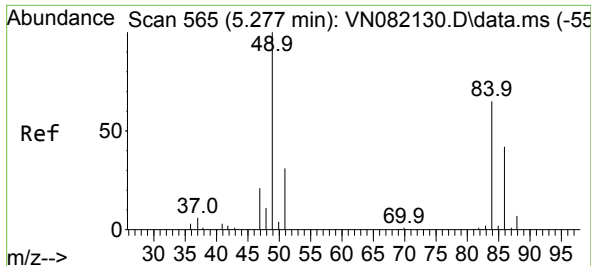
Tgt Ion: 43 Resp: 16900

Ion Ratio Lower Upper

43 100

58 27.9 25.2 37.8

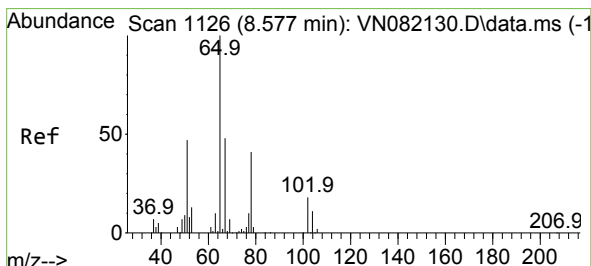
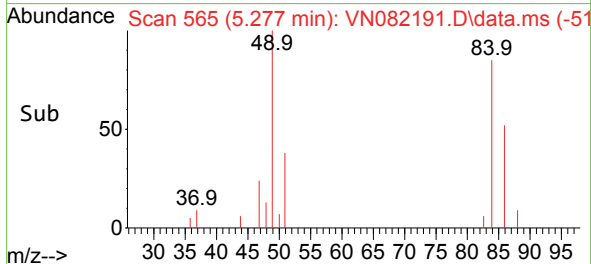
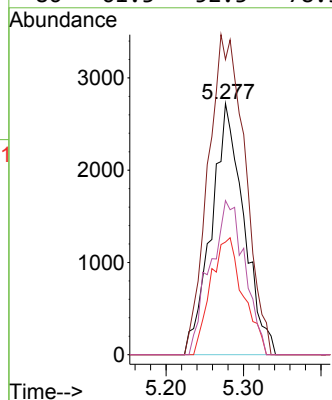
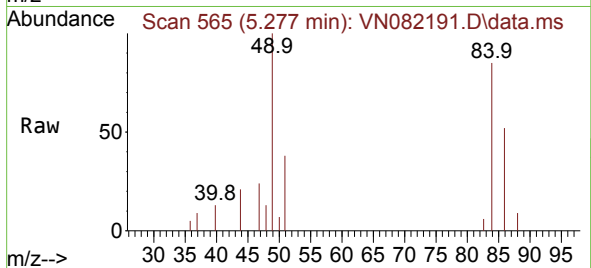




#20
Methylene Chloride
Concen: 3.473 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082191.D
Acq: 17 May 2024 20:10

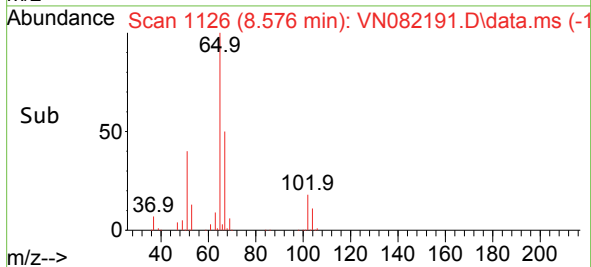
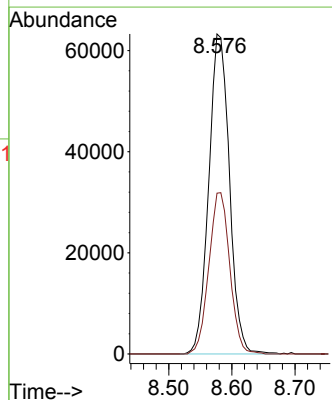
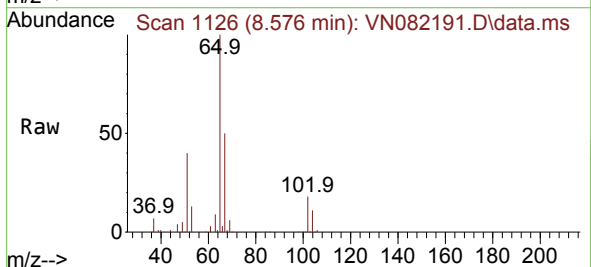
Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#09

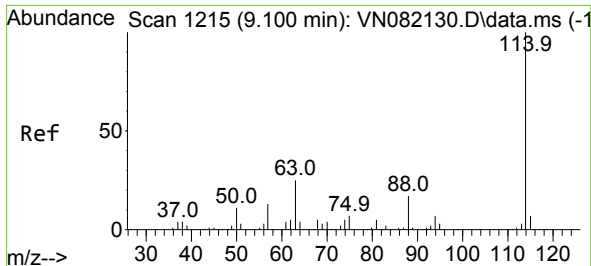
Tgt Ion: 84	Resp: 7904
Ion Ratio	Lower Upper
84 100	
49 117.6	84.9 127.3
51 44.9	27.0 40.6#
86 61.3	52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 52.305 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082191.D
Acq: 17 May 2024 20:10

Tgt Ion: 65	Resp: 143835
Ion Ratio	Lower Upper
65 100	
67 51.0	0.0 103.0

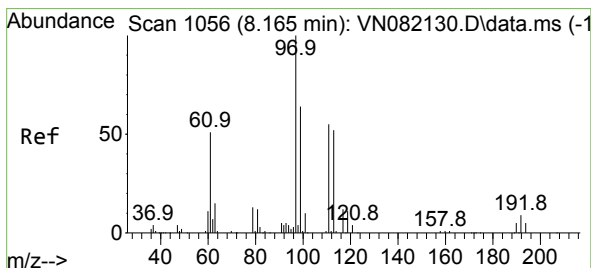
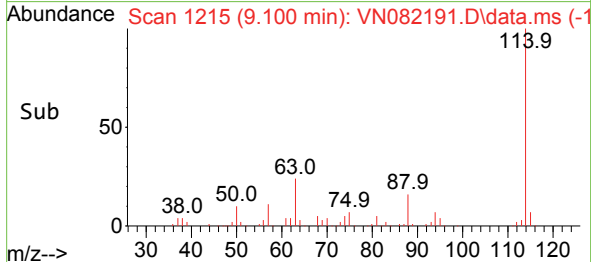
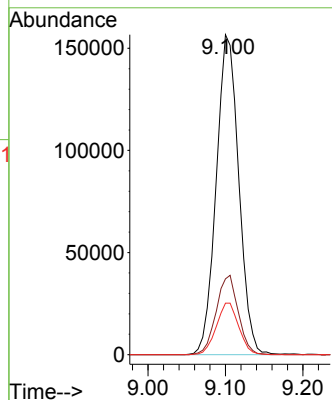
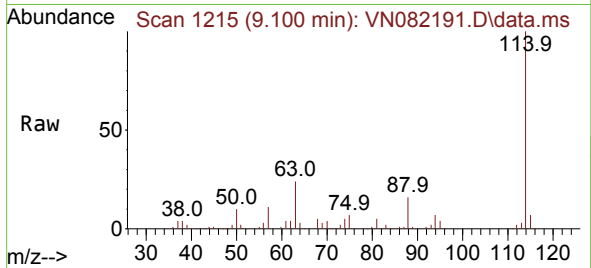




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082191.D
Acq: 17 May 2024 20:10

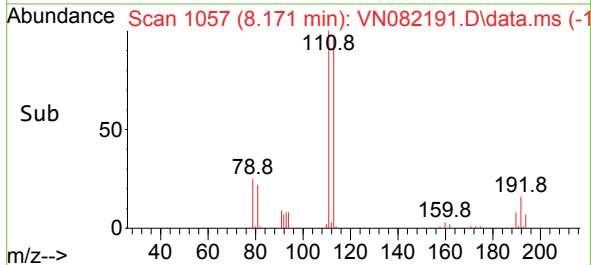
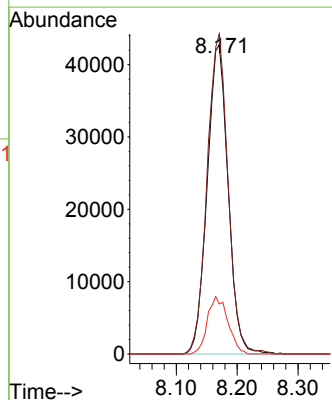
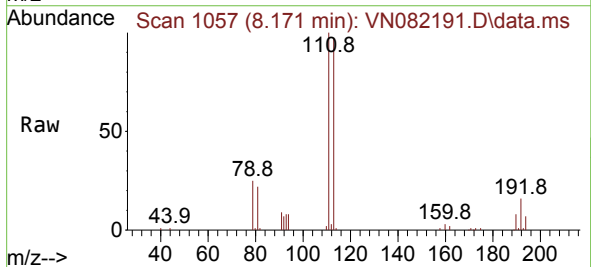
Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#09

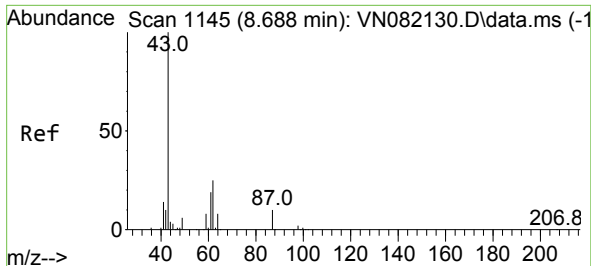
Tgt Ion:114 Resp: 317131
Ion Ratio Lower Upper
114 100
63 23.7 0.0 41.0
88 16.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.332 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082191.D
Acq: 17 May 2024 20:10

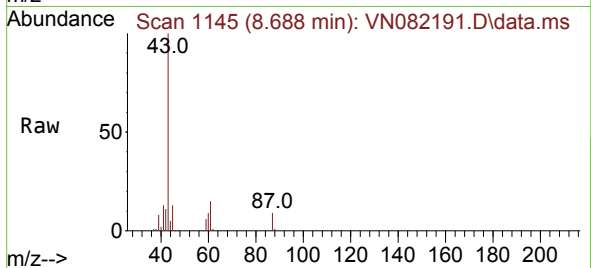
Tgt Ion:113 Resp: 102091
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.2
192 18.2 14.0 21.0



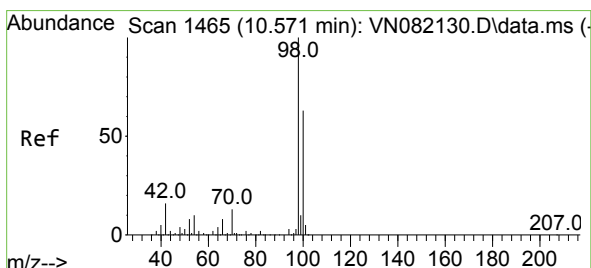
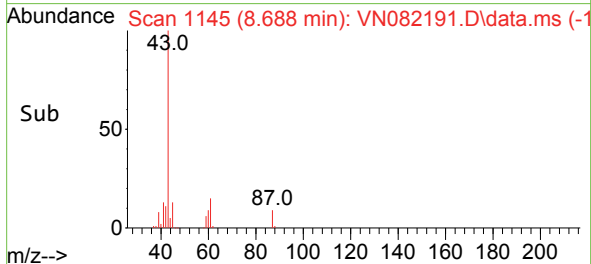
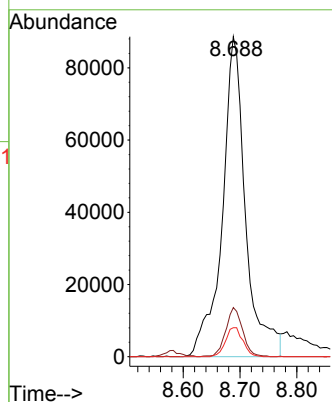


#43
Isopropyl Acetate
Concen: 39.030 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082191.D
Acq: 17 May 2024 20:10

Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#09

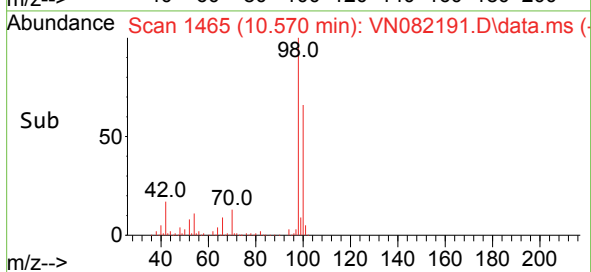
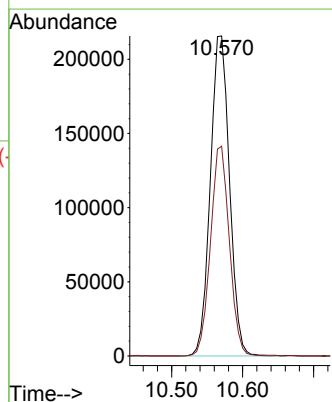
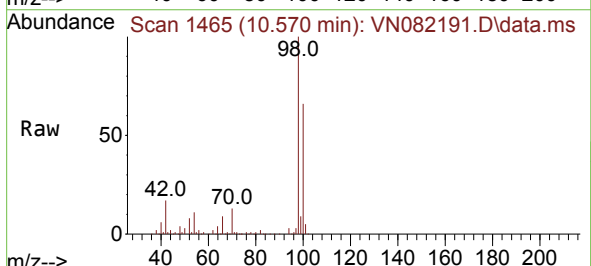


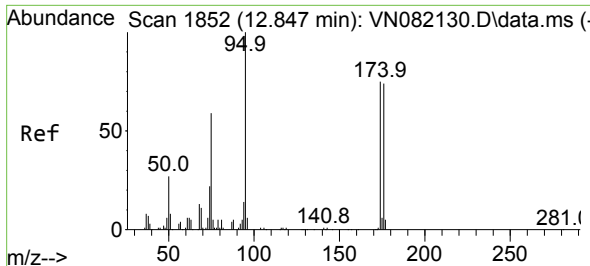
Tgt Ion: 43 Resp: 253235
Ion Ratio Lower Upper
43 100
61 11.2 22.8 34.2#
87 6.7 12.0 18.0#



#50
Toluene-d8
Concen: 54.112 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082191.D
Acq: 17 May 2024 20:10

Tgt Ion: 98 Resp: 404727
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

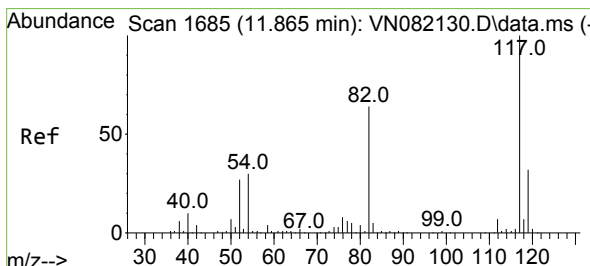
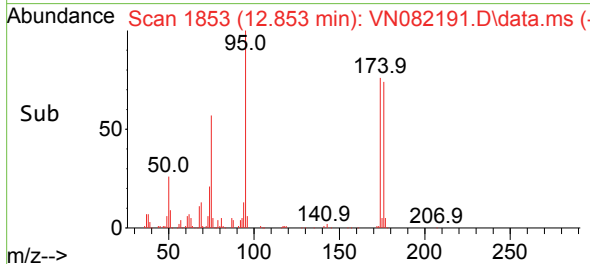
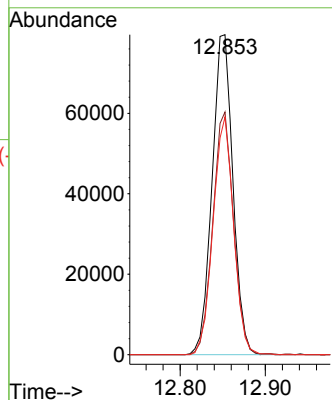
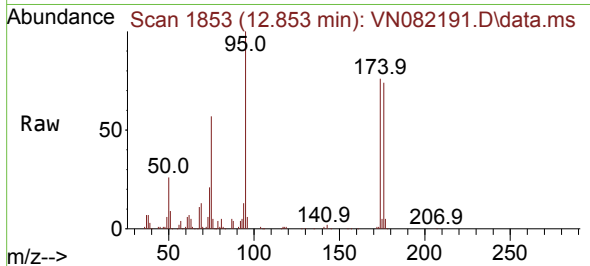




#62
4-Bromofluorobenzene
Concen: 50.512 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082191.D
Acq: 17 May 2024 20:10

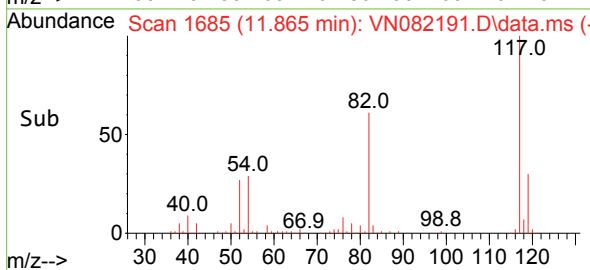
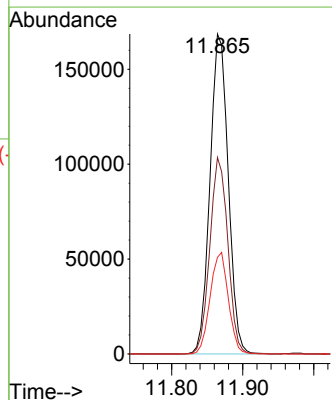
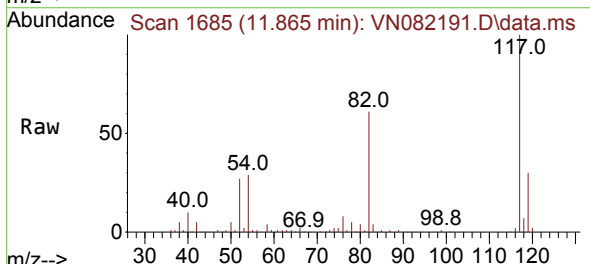
Instrument :
MSVOA_N
ClientSampleId :
PB160967ZHE#09

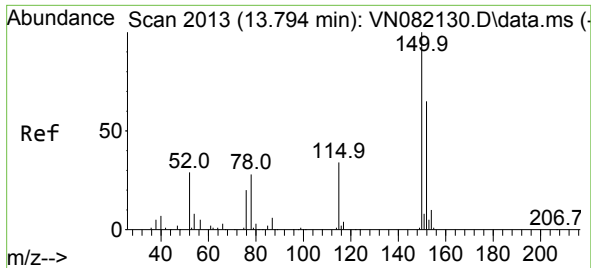
Tgt Ion: 95 Resp: 134845
Ion Ratio Lower Upper
95 100
174 75.8 0.0 160.6
176 73.1 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082191.D
Acq: 17 May 2024 20:10

Tgt Ion: 117 Resp: 300294
Ion Ratio Lower Upper
117 100
82 61.4 44.6 66.8
119 30.2 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: VN082191.D

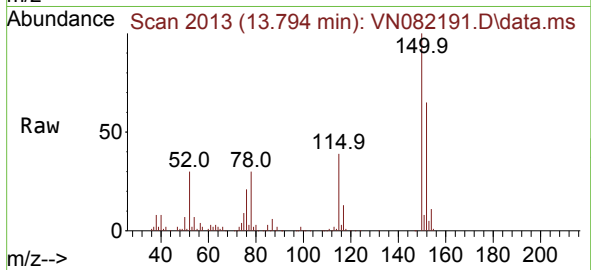
Acq: 17 May 2024 20:10

Instrument :

MSVOA_N

ClientSampleId :

PB160967ZHE#09



Tgt Ion:152 Resp: 120840

Ion Ratio Lower Upper

152 100

115 62.4 30.4 91.3

150 158.2 0.0 353.2

