

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082052.D
 Acq On : 09 May 2024 15:46
 Operator : JC\MD
 Sample : PB160759ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160759ZHE#04

Quant Time: May 10 03:52:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

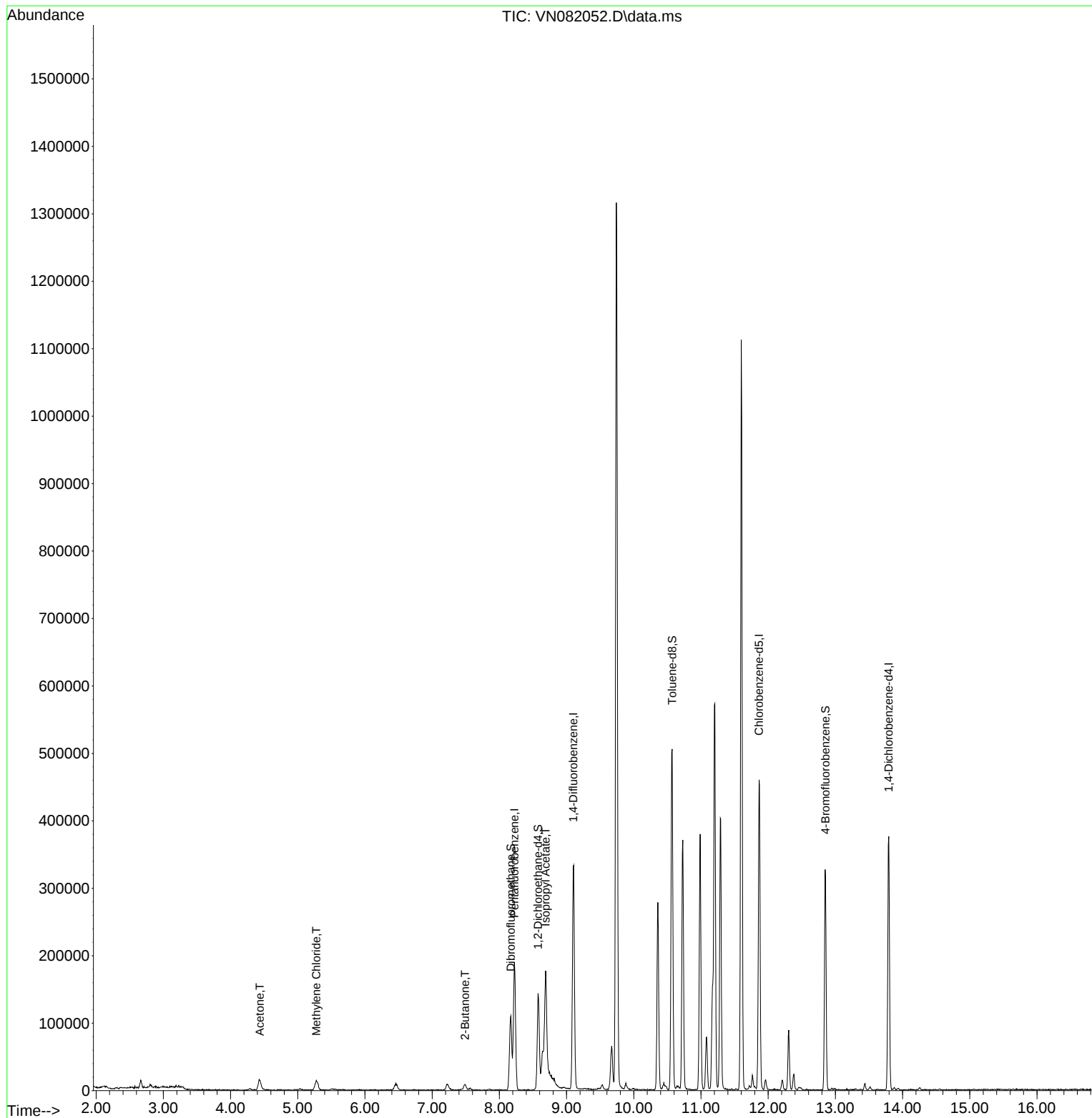
Internal Standards						
1) Pentafluorobenzene	8.224	168	122321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109690	53.133	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.260%
35) Dibromofluoromethane	8.171	113	79395	49.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.120%
50) Toluene-d8	10.571	98	334367	52.611	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.220%
62) 4-Bromofluorobenzene	12.853	95	113494	45.175	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.340%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	29461	43.748	ug/l	94
20) Methylene Chloride	5.277	84	11028	6.233	ug/l	90
25) 2-Butanone	7.488	43	14386	12.278	ug/l #	71
43) Isopropyl Acetate	8.688	43	273613	51.123	ug/l #	72

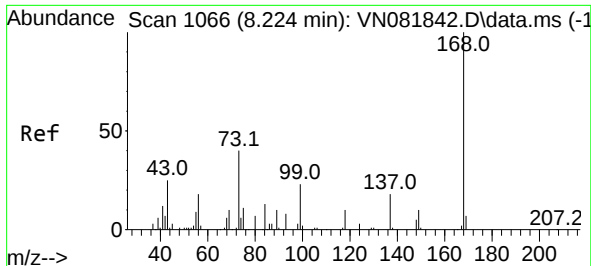
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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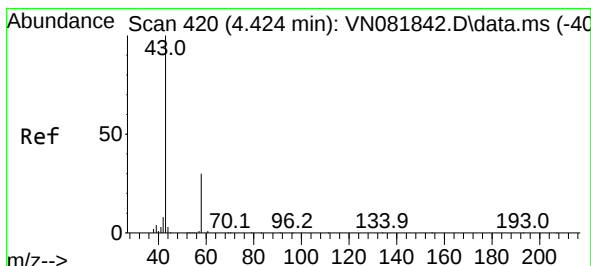
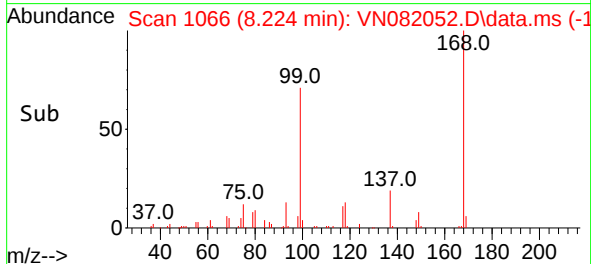
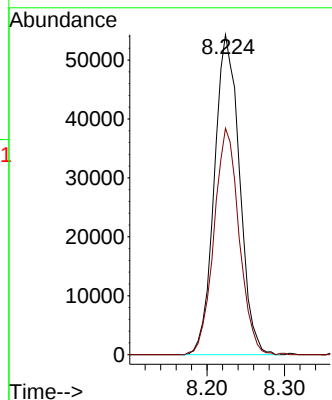
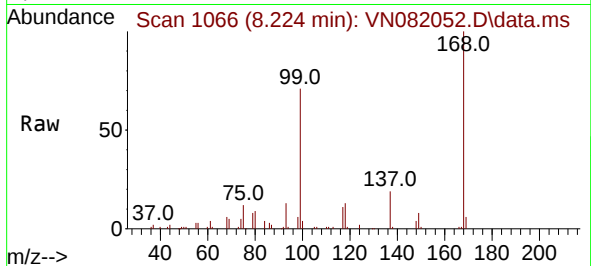




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082052.D
Acq: 09 May 2024 15:46

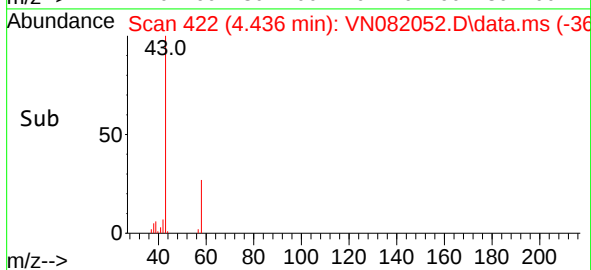
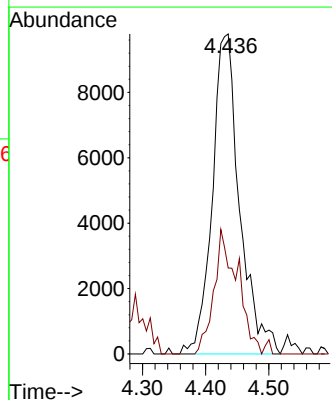
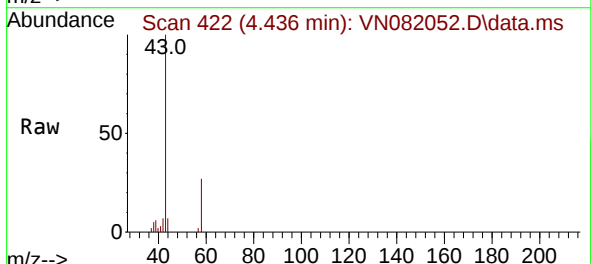
Instrument :
MSVOA_N
ClientSampleId :
PB160759ZHE#04

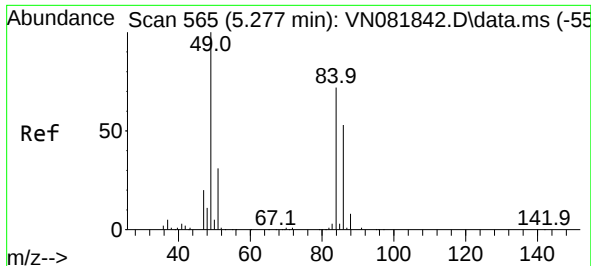
Tgt Ion:168 Resp: 122321
Ion Ratio Lower Upper
168 100
99 70.7 48.2 72.4



#16
Acetone
Concen: 43.748 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082052.D
Acq: 09 May 2024 15:46

Tgt Ion: 43 Resp: 29461
Ion Ratio Lower Upper
43 100
58 27.9 25.2 37.8

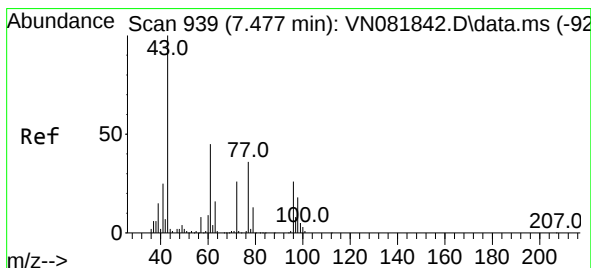
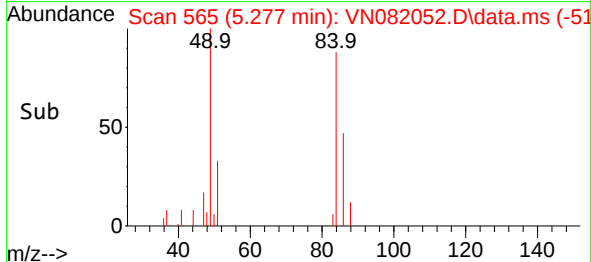
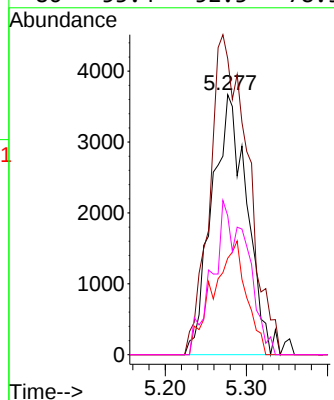
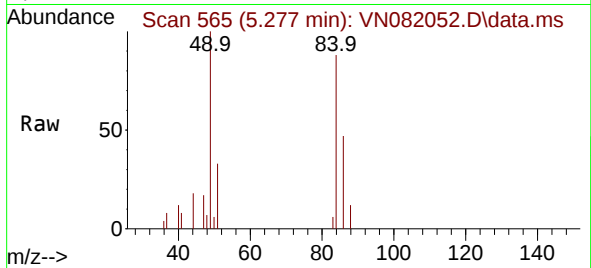




#20
Methylene Chloride
Concen: 6.233 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN082052.D
Acq: 09 May 2024 15:46

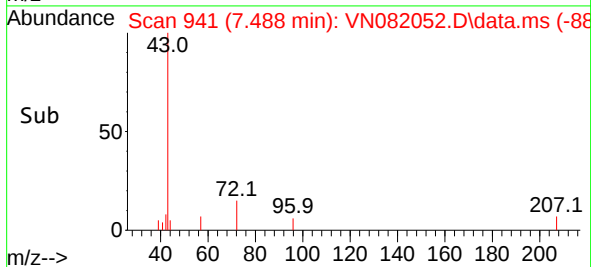
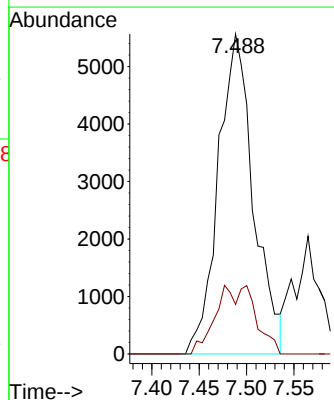
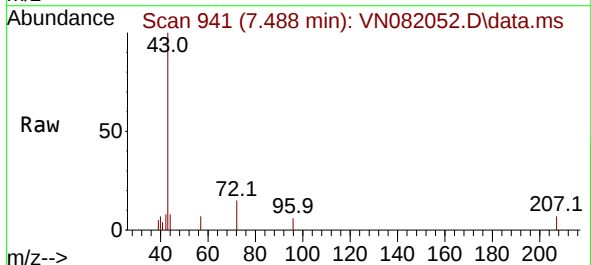
Instrument :
MSVOA_N
ClientSampleId :
PB160759ZHE#04

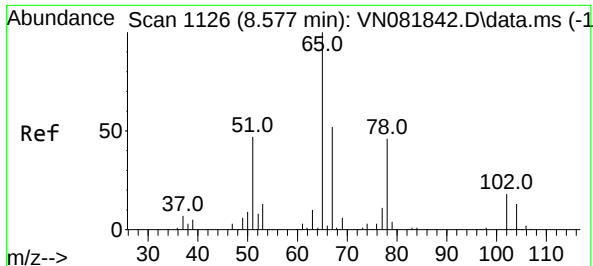
Tgt Ion:	84	Resp:	11028
Ion	Ratio	Lower	Upper
84	100		
49	113.8	84.9	127.3
51	37.1	27.0	40.6
86	53.4	52.3	78.5



#25
2-Butanone
Concen: 12.278 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN082052.D
Acq: 09 May 2024 15:46

Tgt Ion:	43	Resp:	14386
Ion	Ratio	Lower	Upper
43	100		
72	15.5	25.3	37.9#

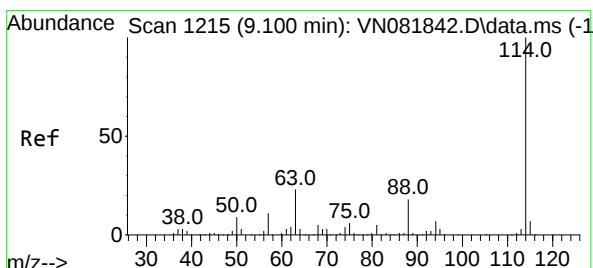
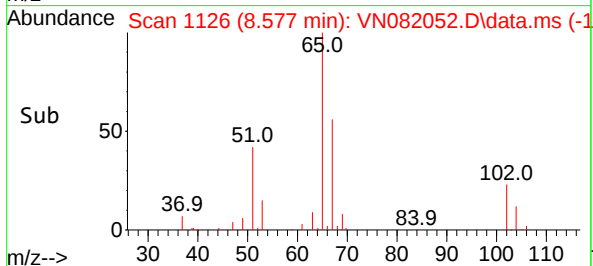
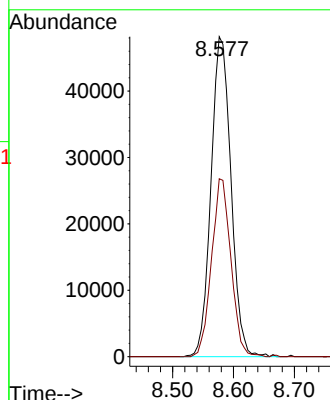
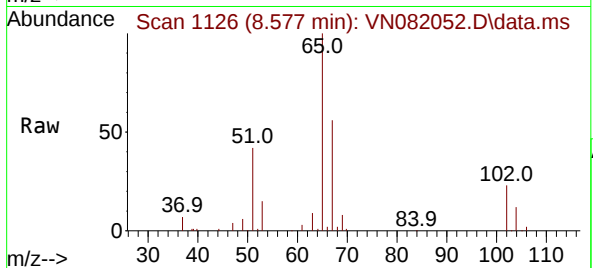




#33
1,2-Dichloroethane-d4
Concen: 53.133 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN082052.D
Acq: 09 May 2024 15:46

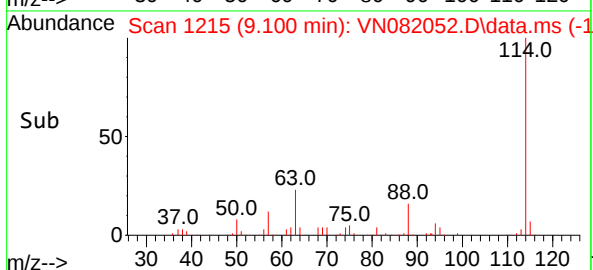
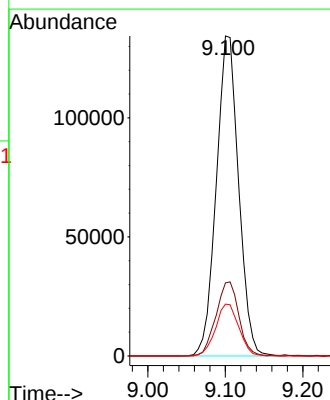
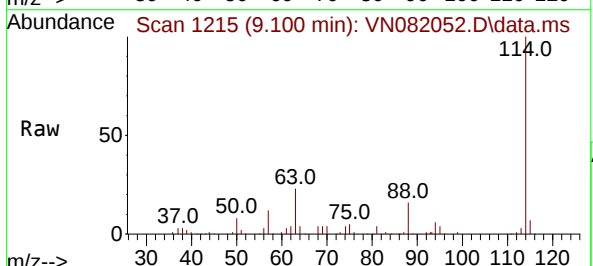
Instrument :
MSVOA_N
ClientSampleId :
PB160759ZHE#04

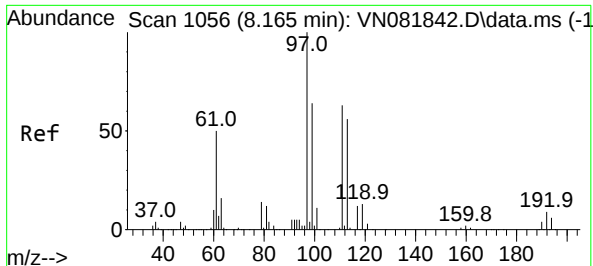
Tgt Ion: 65 Resp: 109690
Ion Ratio Lower Upper
65 100
67 53.9 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN082052.D
Acq: 09 May 2024 15:46

Tgt Ion: 114 Resp: 268767
Ion Ratio Lower Upper
114 100
63 22.8 0.0 41.0
88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.064 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082052.D

Acq: 09 May 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

PB160759ZHE#04

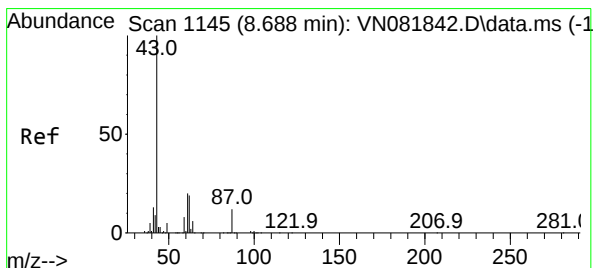
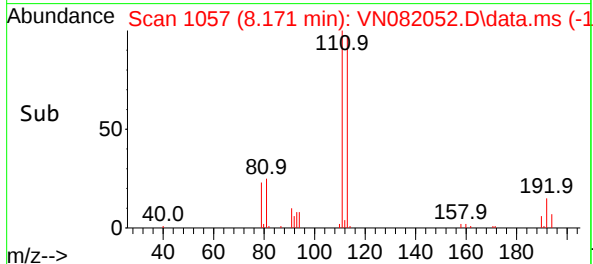
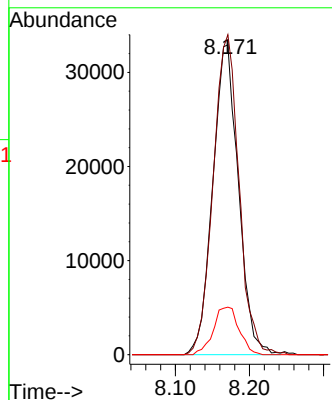
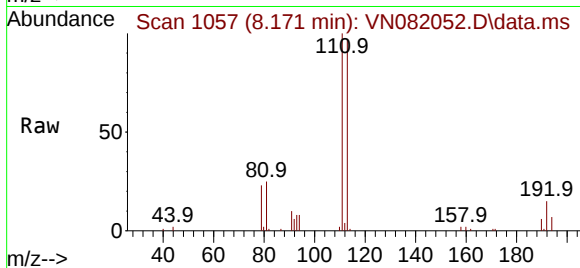
Tgt Ion:113 Resp: 79395

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

192 15.3 14.0 21.0



#43

Isopropyl Acetate

Concen: 51.123 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN082052.D

Acq: 09 May 2024 15:46

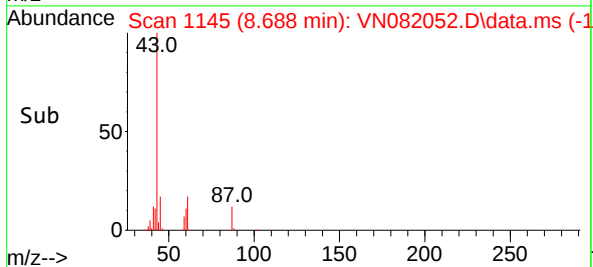
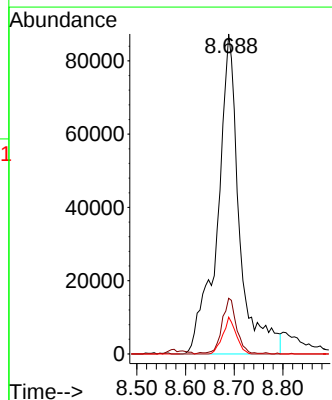
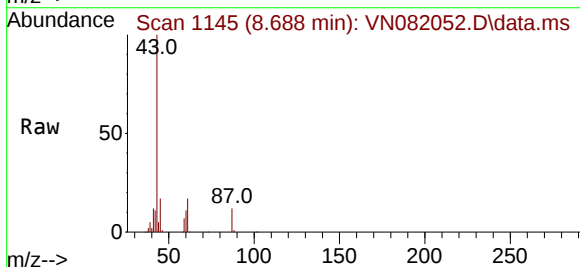
Tgt Ion: 43 Resp: 273613

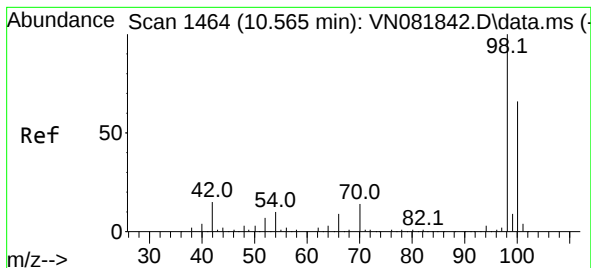
Ion Ratio Lower Upper

43 100

61 11.6 22.8 34.2#

87 7.0 12.0 18.0#





#50

Toluene-d8

Concen: 52.611 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN082052.D

Acq: 09 May 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

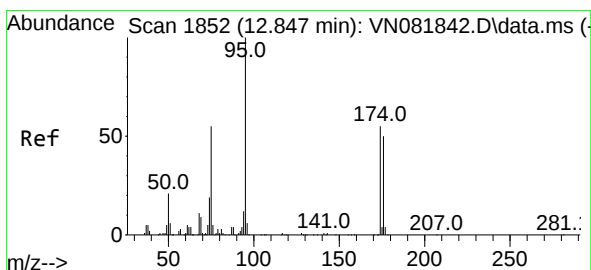
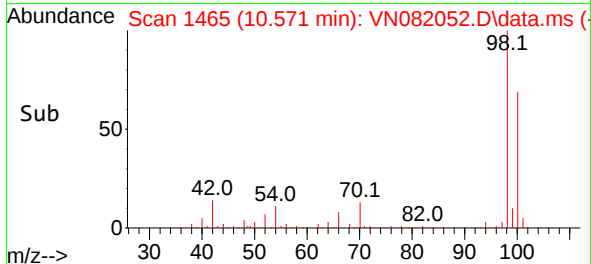
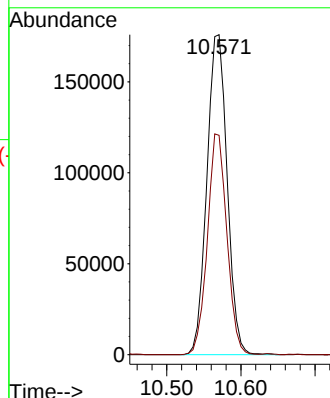
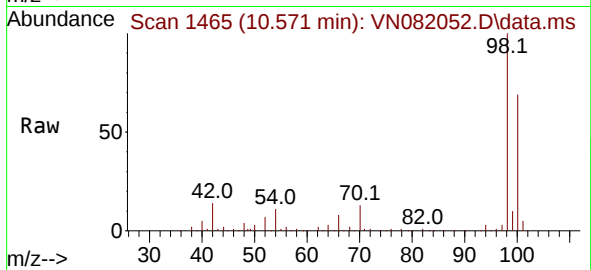
PB160759ZHE#04

Tgt Ion: 98 Resp: 334367

Ion Ratio Lower Upper

98 100

100 66.3 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 45.175 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082052.D

Acq: 09 May 2024 15:46

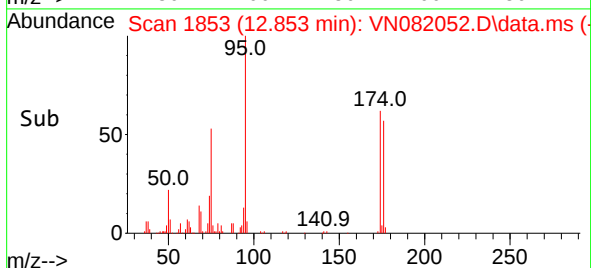
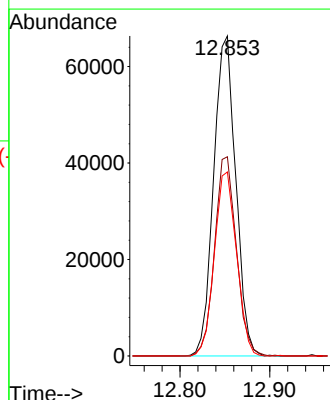
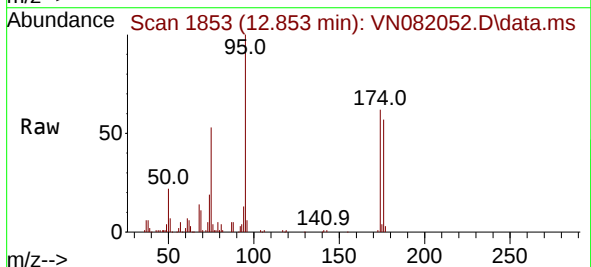
Tgt Ion: 95 Resp: 113494

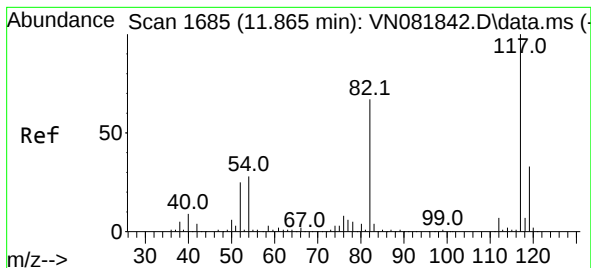
Ion Ratio Lower Upper

95 100

174 61.3 0.0 160.6

176 57.6 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN082052.D

Acq: 09 May 2024 15:46

Instrument :

MSVOA_N

ClientSampleId :

PB160759ZHE#04

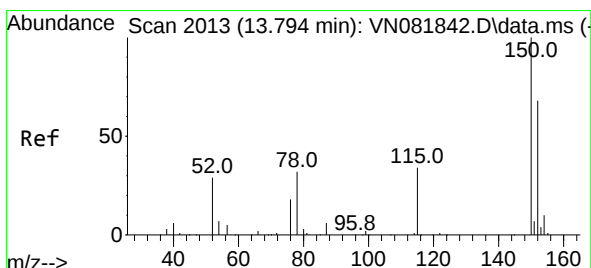
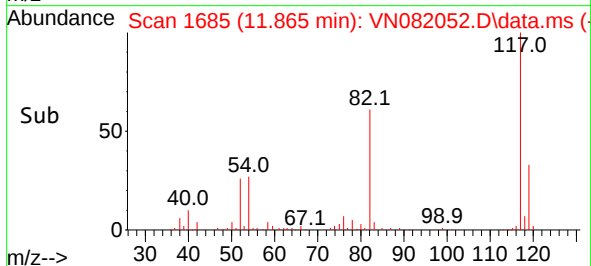
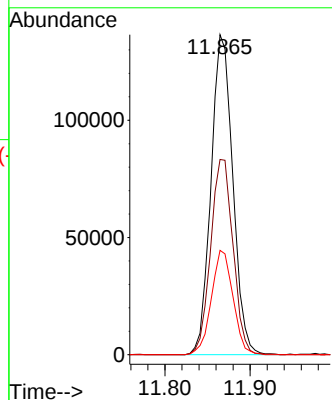
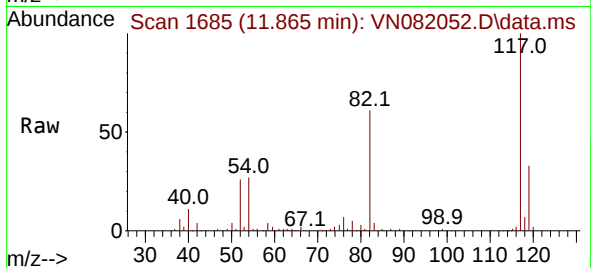
Tgt Ion:117 Resp: 242289

Ion Ratio Lower Upper

117 100

82 61.0 44.6 66.8

119 32.6 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: VN082052.D

Acq: 09 May 2024 15:46

Tgt Ion:152 Resp: 89375

Ion Ratio Lower Upper

152 100

115 68.2 30.4 91.3

150 159.5 0.0 353.2

