

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082054.D
 Acq On : 09 May 2024 16:34
 Operator : JC\MD
 Sample : PB160759ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB160759ZHE#06

Quant Time: May 10 03:53:32 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)

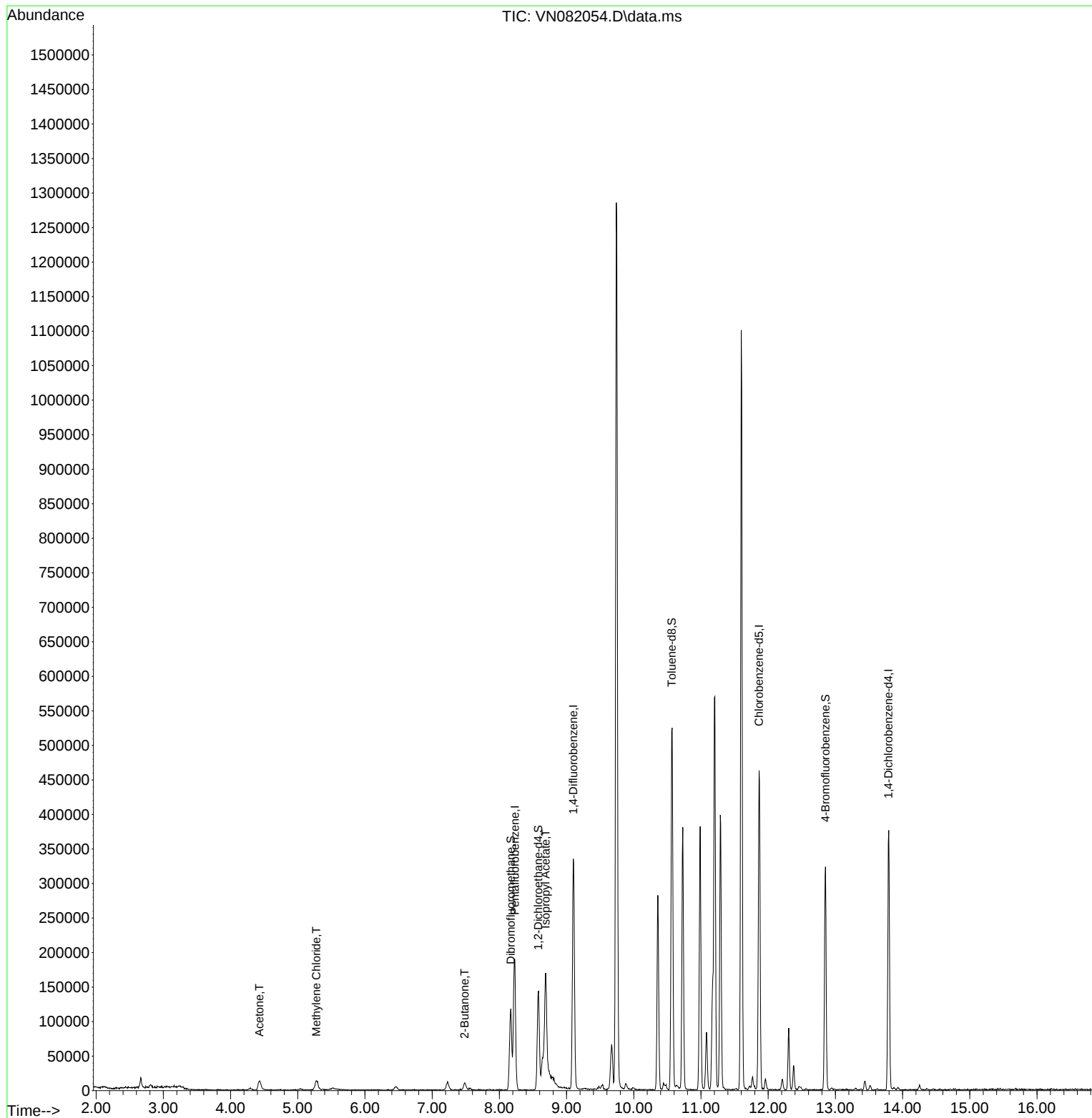
Internal Standards						
1) Pentafluorobenzene	8.229	168	127484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111728	51.928	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.860%
35) Dibromofluoromethane	8.171	113	83549	51.512	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.020%
50) Toluene-d8	10.565	98	351888	55.241	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.480%
62) 4-Bromofluorobenzene	12.853	95	114805	45.592	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.180%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	25921	36.062	ug/l	98
20) Methylene Chloride	5.277	84	9535	5.171	ug/l #	66
25) 2-Butanone	7.482	43	16997	13.918	ug/l #	81
43) Isopropyl Acetate	8.688	43	260797	48.616	ug/l #	73

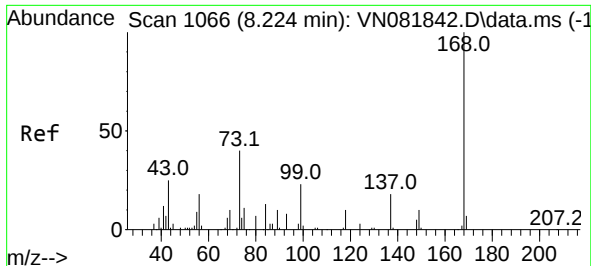
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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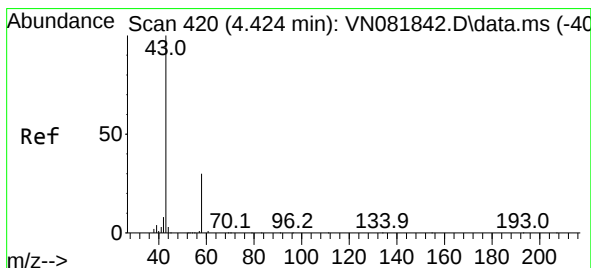
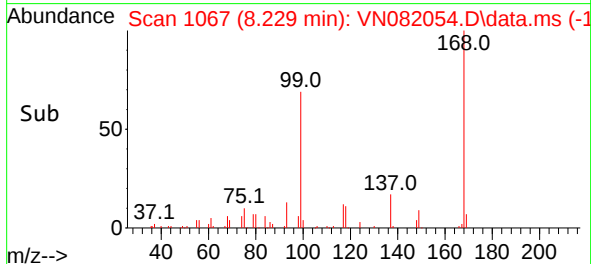
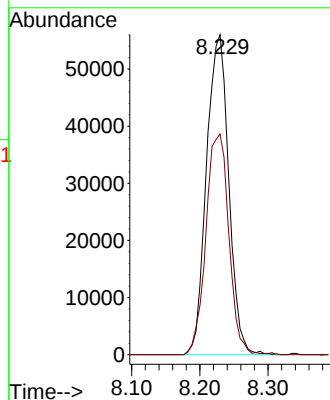
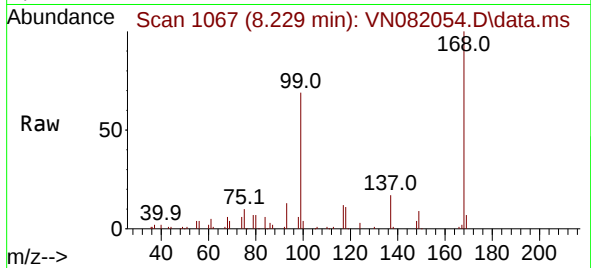




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082054.D
Acq: 09 May 2024 16:34

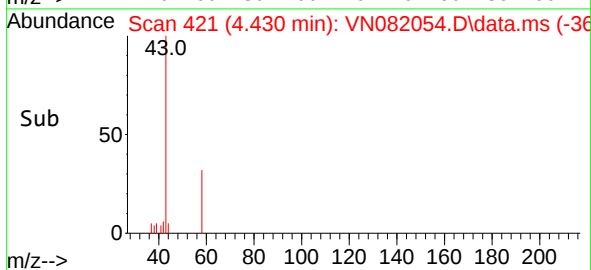
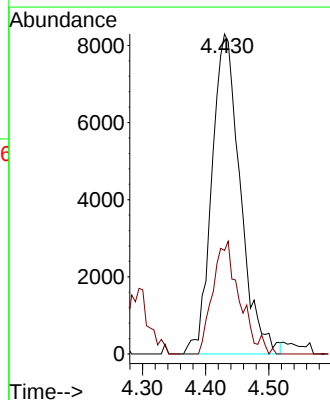
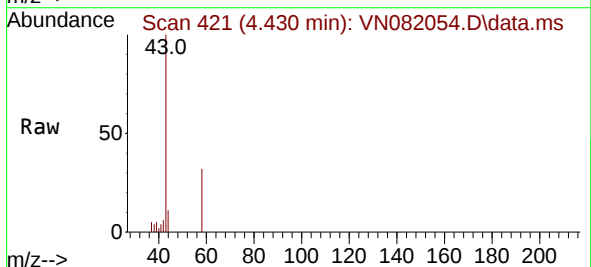
Instrument :
MSVOA_N
ClientSampleId :
PB160759ZHE#06

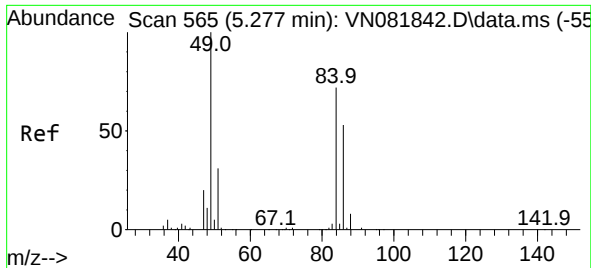
Tgt Ion:168 Resp: 127484
Ion Ratio Lower Upper
168 100
99 69.0 48.2 72.4



#16
Acetone
Concen: 36.062 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082054.D
Acq: 09 May 2024 16:34

Tgt Ion: 43 Resp: 25921
Ion Ratio Lower Upper
43 100
58 32.4 25.2 37.8

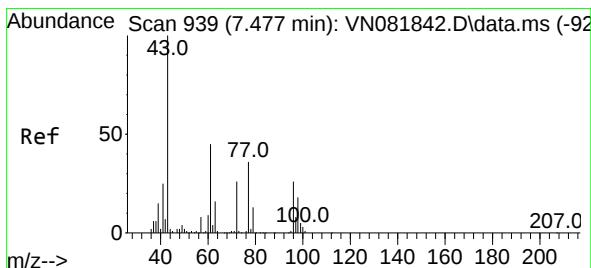
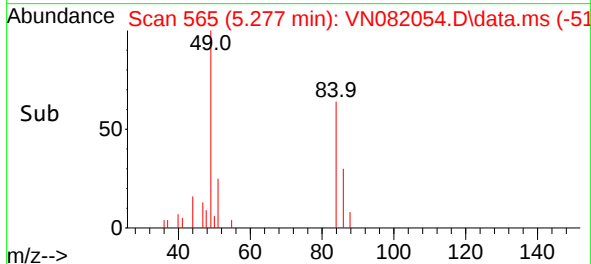
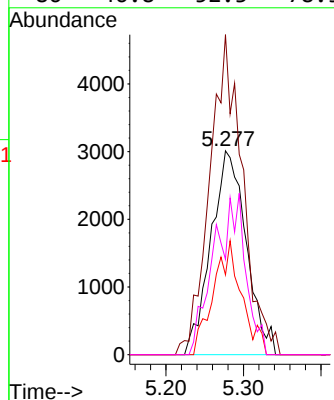
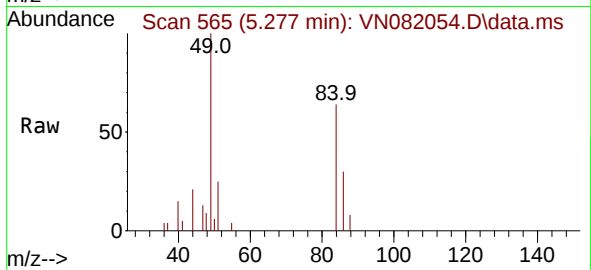




#20
Methylene Chloride
Concen: 5.171 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082054.D
Acq: 09 May 2024 16:34

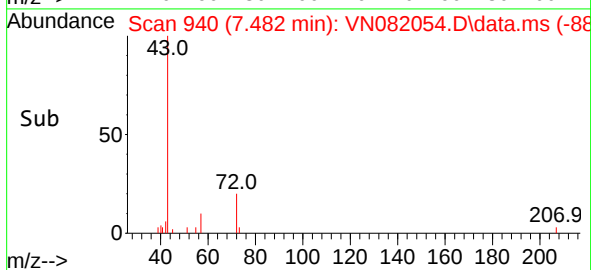
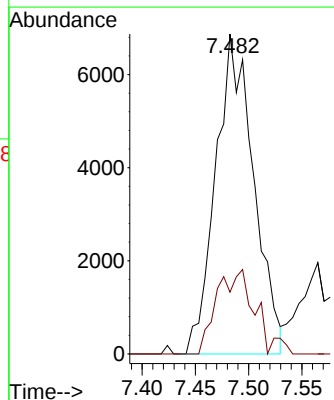
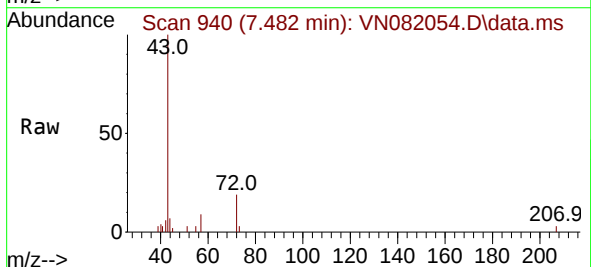
Instrument :
MSVOA_N
ClientSampleId :
PB160759ZHE#06

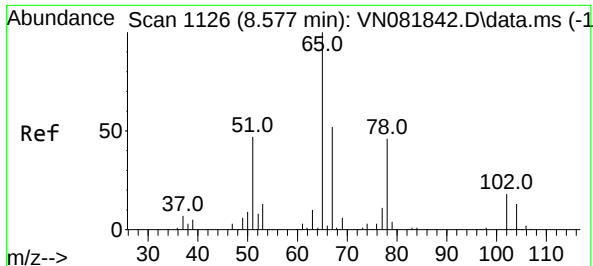
Tgt Ion:	84	Resp:	9535
Ion	Ratio	Lower	Upper
84	100		
49	157.0	84.9	127.3#
51	39.1	27.0	40.6
86	46.8	52.3	78.5#



#25
2-Butanone
Concen: 13.918 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN082054.D
Acq: 09 May 2024 16:34

Tgt Ion:	43	Resp:	16997
Ion	Ratio	Lower	Upper
43	100		
72	20.9	25.3	37.9#





#33

1,2-Dichloroethane-d4

Concen: 51.928 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082054.D

Acq: 09 May 2024 16:34

Instrument :

MSVOA_N

ClientSampleId :

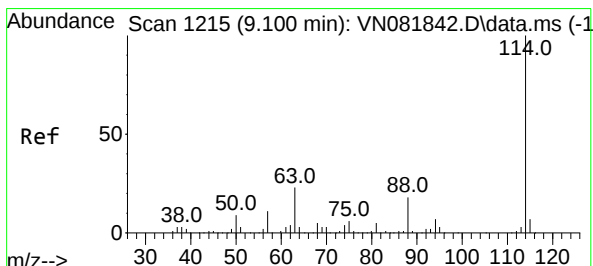
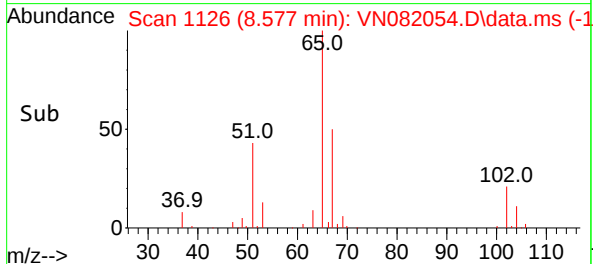
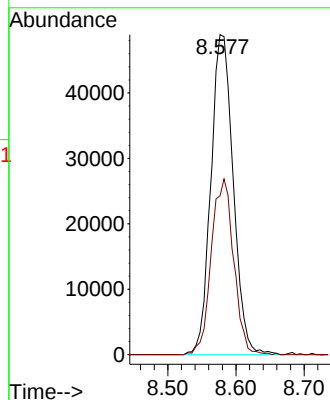
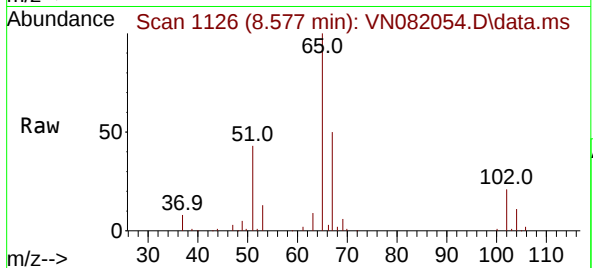
PB160759ZHE#06

Tgt Ion: 65 Resp: 111728

Ion Ratio Lower Upper

65 100

67 54.9 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: VN082054.D

Acq: 09 May 2024 16:34

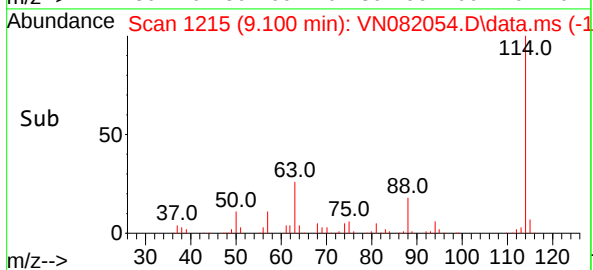
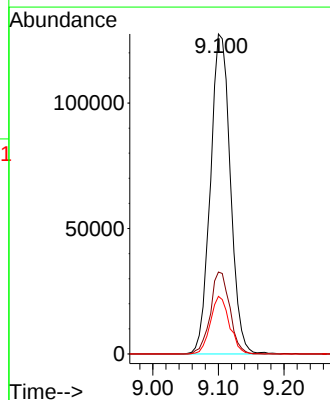
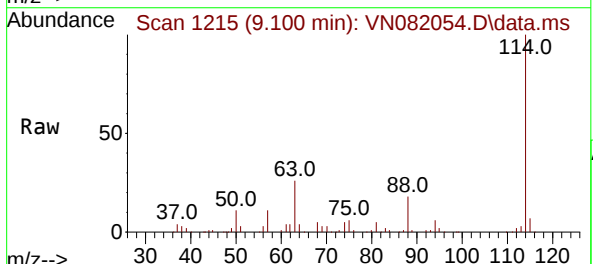
Tgt Ion: 114 Resp: 269387

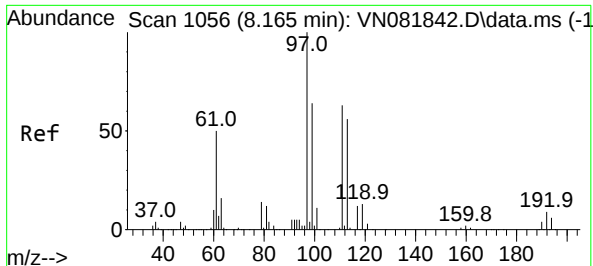
Ion Ratio Lower Upper

114 100

63 25.6 0.0 41.0

88 18.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.512 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN082054.D

Acq: 09 May 2024 16:34

Instrument :

MSVOA_N

ClientSampleId :

PB160759ZHE#06

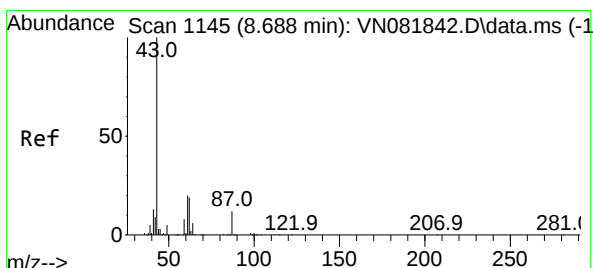
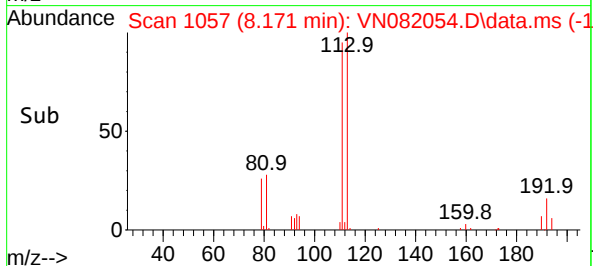
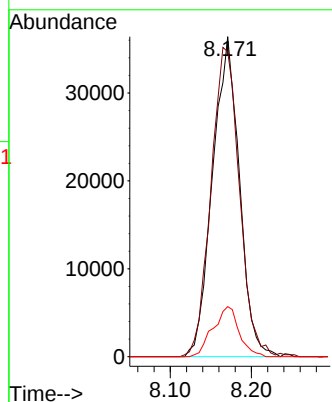
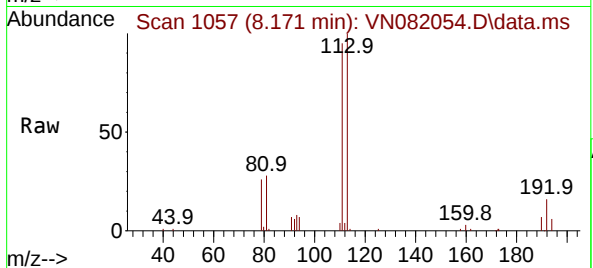
Tgt Ion:113 Resp: 83549

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 15.2 14.0 21.0



#43

Isopropyl Acetate

Concen: 48.616 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082054.D

Acq: 09 May 2024 16:34

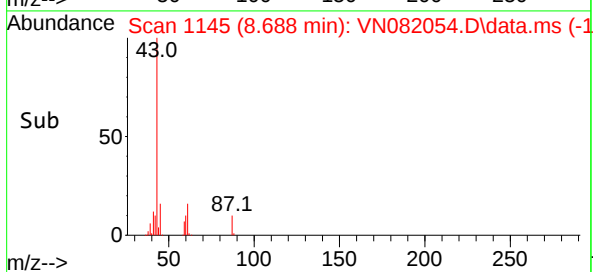
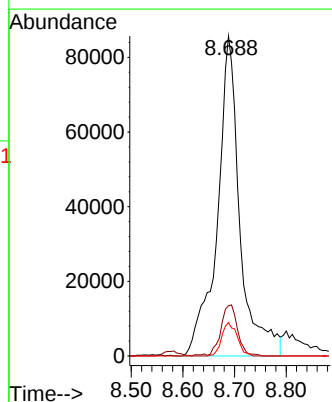
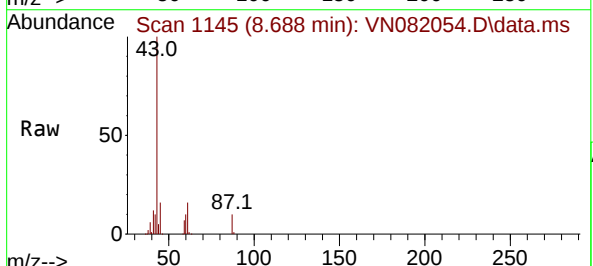
Tgt Ion: 43 Resp: 260797

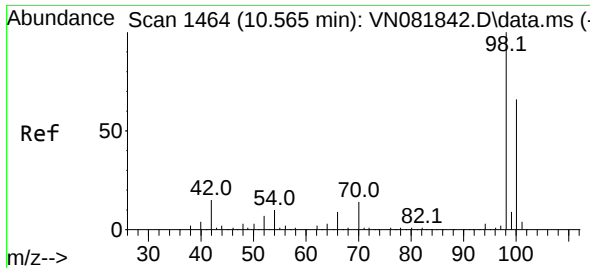
Ion Ratio Lower Upper

43 100

61 11.9 22.8 34.2#

87 7.1 12.0 18.0#

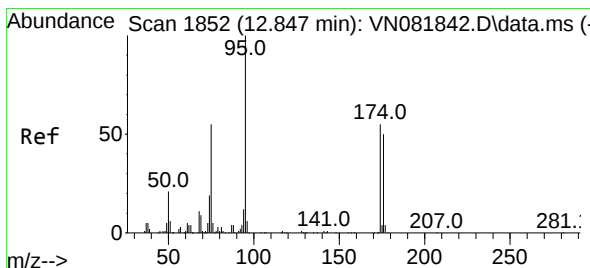
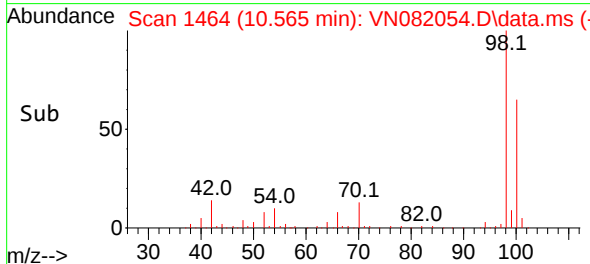
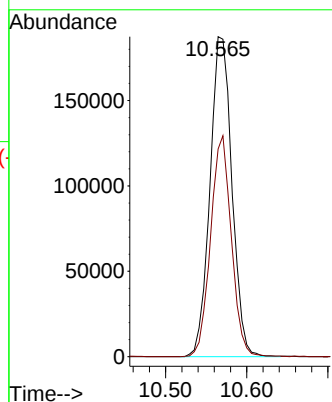
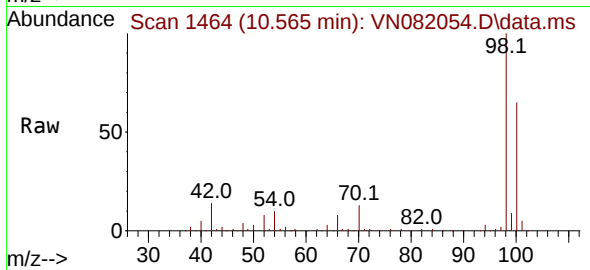




#50
Toluene-d8
Concen: 55.241 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN082054.D
Acq: 09 May 2024 16:34

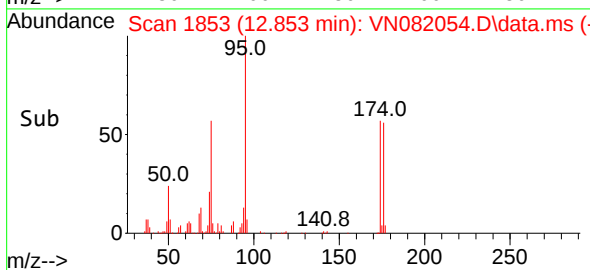
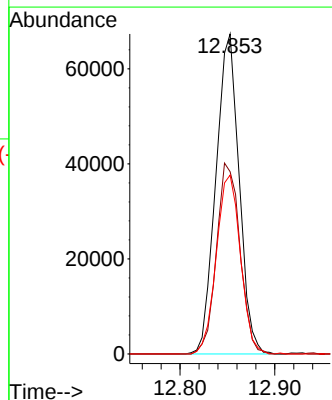
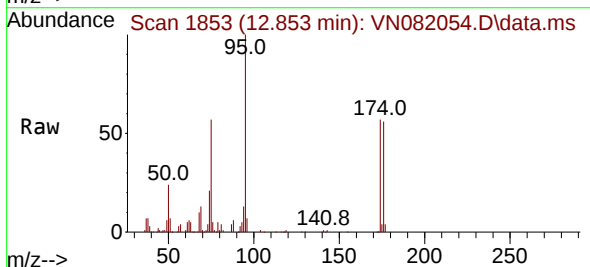
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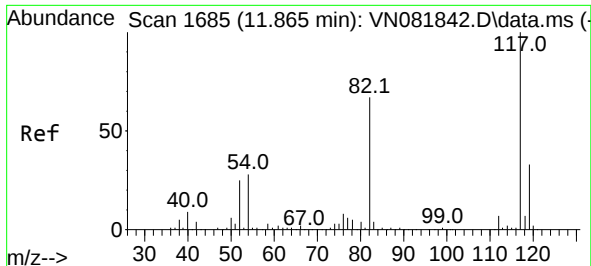
Tgt Ion: 98 Resp: 351888
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.592 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082054.D
Acq: 09 May 2024 16:34

Tgt Ion: 95 Resp: 114805
Ion Ratio Lower Upper
95 100
174 60.3 0.0 160.6
176 57.8 0.0 152.8

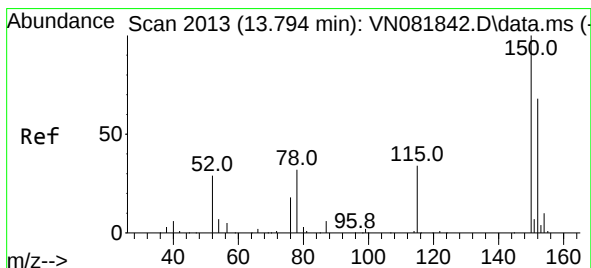
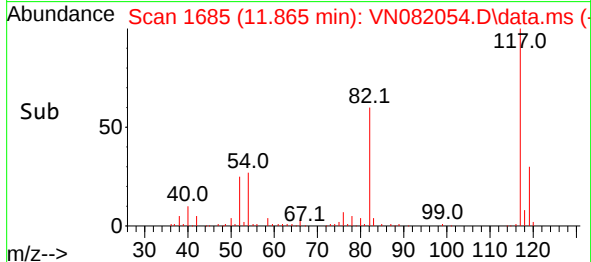
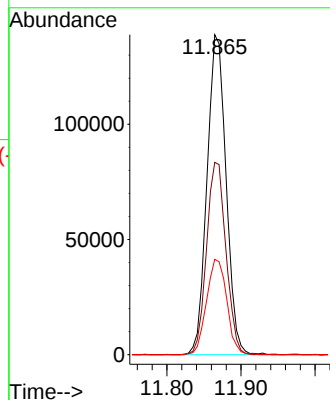
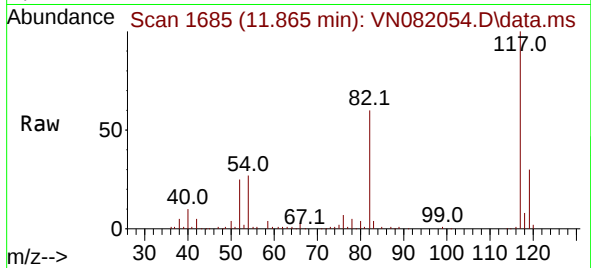




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082054.D
Acq: 09 May 2024 16:34

Instrument :
MSVOA_N
ClientSampleId :
PB160759ZHE#06

Tgt Ion:117 Resp: 248365
Ion Ratio Lower Upper
117 100
82 60.1 44.6 66.8
119 29.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN082054.D
Acq: 09 May 2024 16:34

Tgt Ion:152 Resp: 88235
Ion Ratio Lower Upper
152 100
115 69.3 30.4 91.3
150 162.5 0.0 353.2

