

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082283.D
 Acq On : 22 May 2024 10:59
 Operator : JC\MD
 Sample : VN0522MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBL01

Quant Time: May 23 01:48:39 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	201531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	347929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136866	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	158746	49.885	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.780%
35) Dibromofluoromethane	8.171	113	111607	52.145	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.300%
50) Toluene-d8	10.565	98	436046	53.139	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.280%
62) 4-Bromofluorobenzene	12.853	95	152234	51.978	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	103.960%

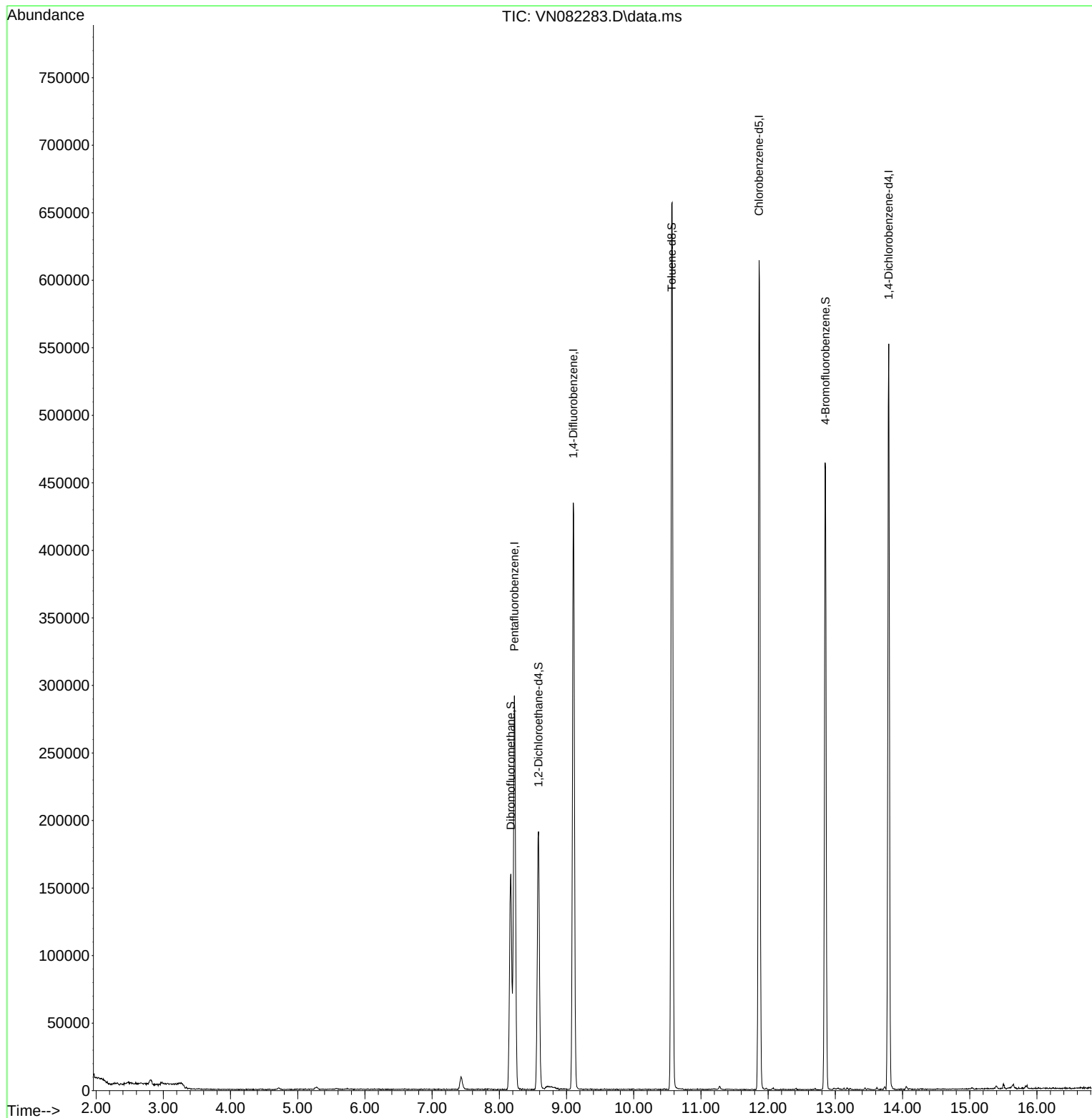
Target Compounds	Qvalue

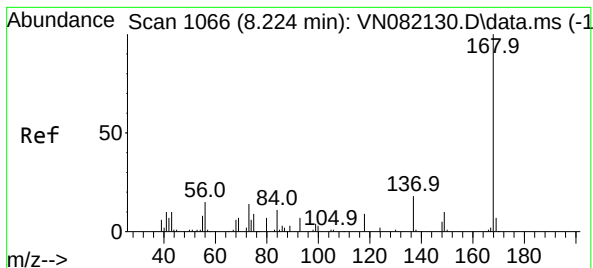
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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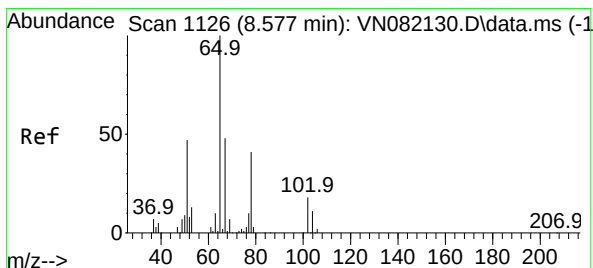
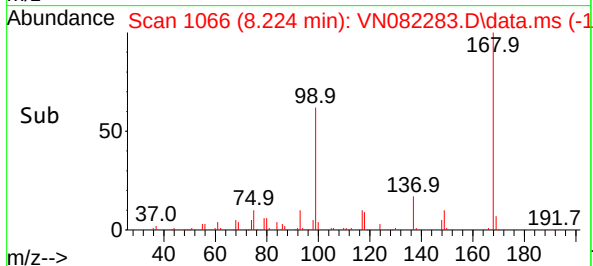
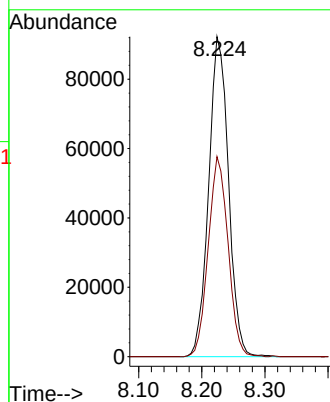
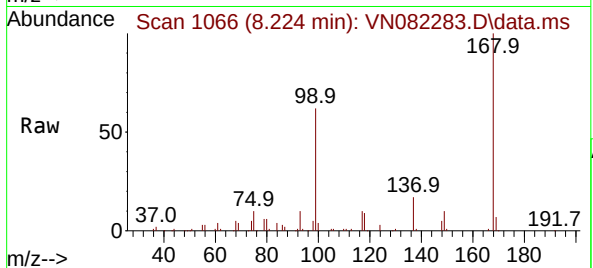




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN082283.D
Acq: 22 May 2024 10:59

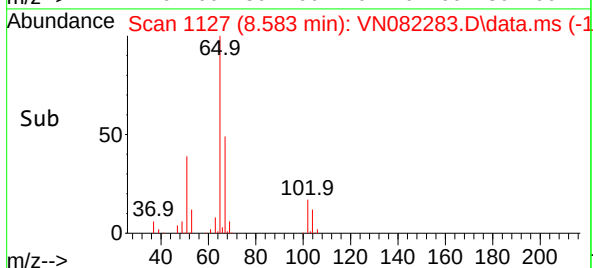
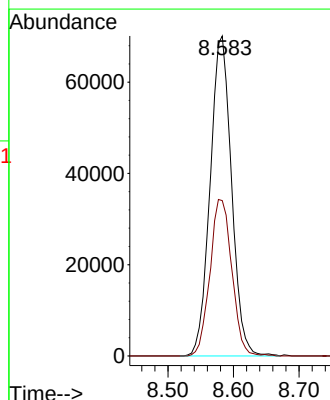
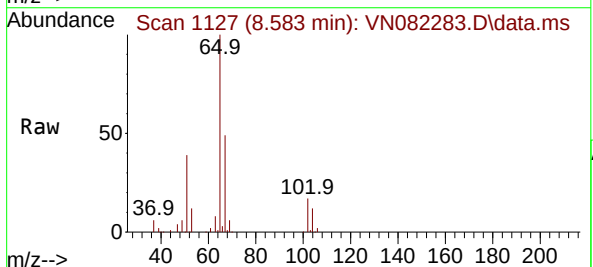
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

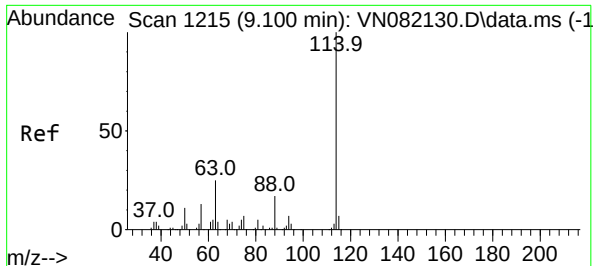
Tgt Ion:168 Resp: 201531
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 49.885 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082283.D
Acq: 22 May 2024 10:59

Tgt Ion: 65 Resp: 158746
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082283.D

Acq: 22 May 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBL01

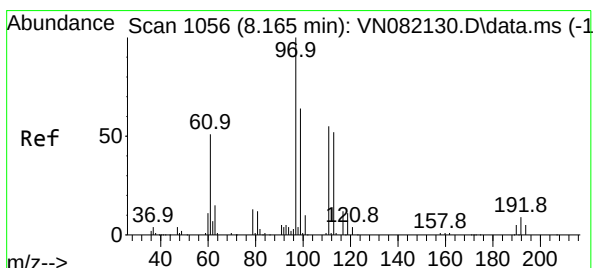
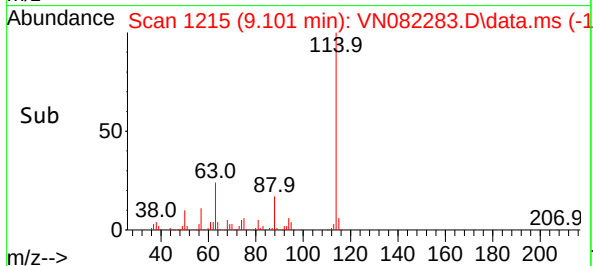
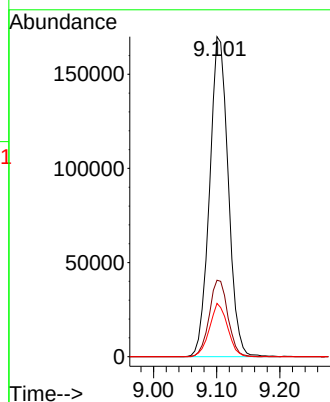
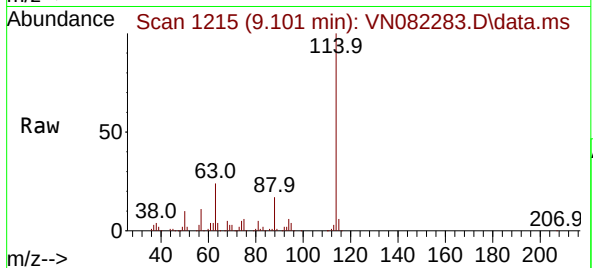
Tgt Ion:114 Resp: 347929

Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.0

88 16.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.145 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082283.D

Acq: 22 May 2024 10:59

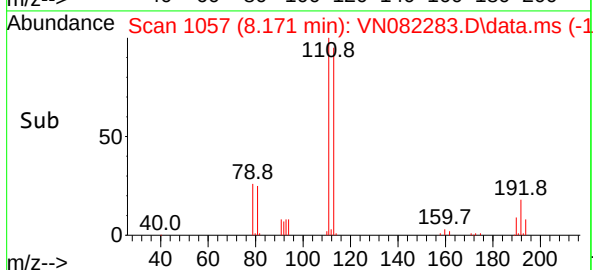
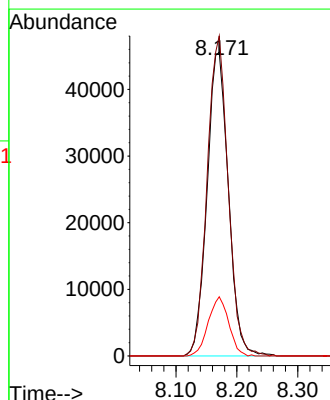
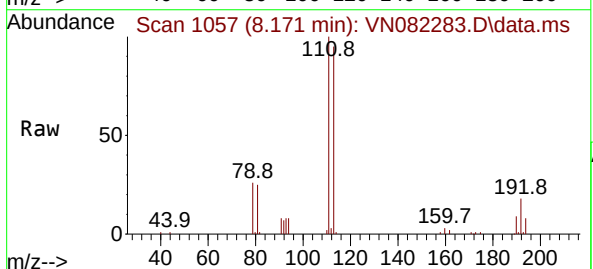
Tgt Ion:113 Resp: 111607

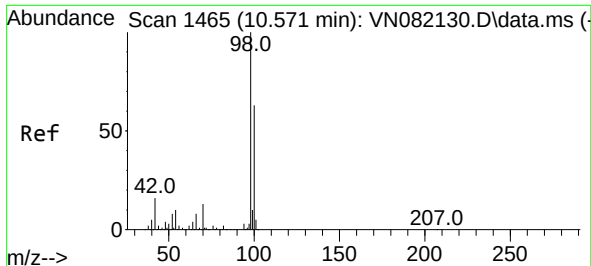
Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

192 18.6 14.0 21.0

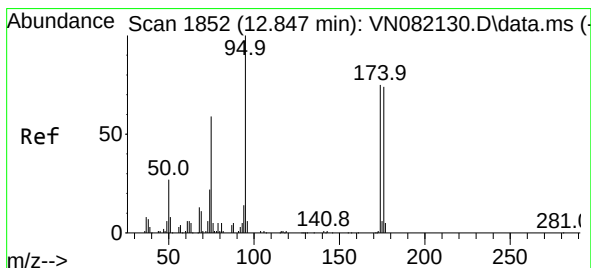
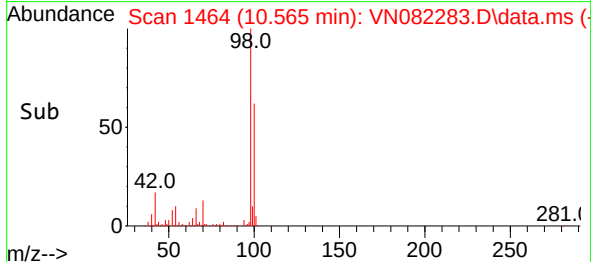
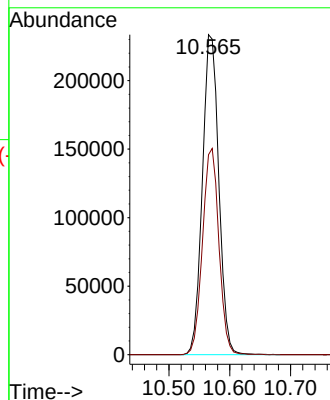
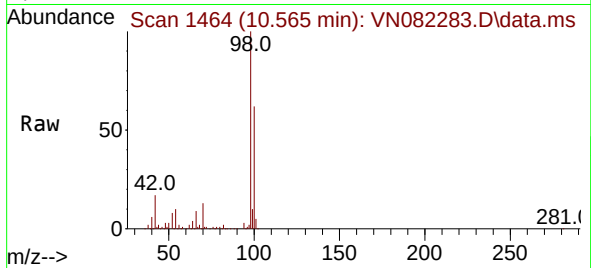




#50
Toluene-d8
Concen: 53.139 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082283.D
Acq: 22 May 2024 10:59

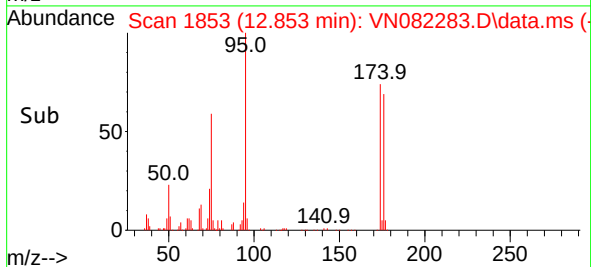
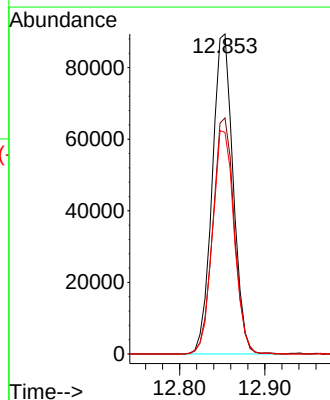
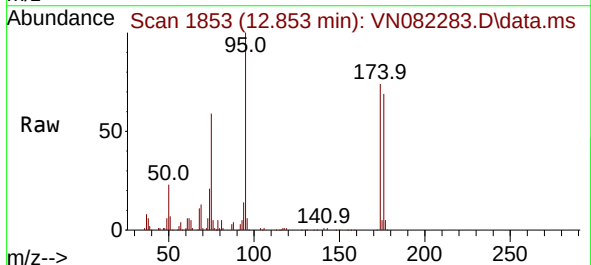
Instrument :
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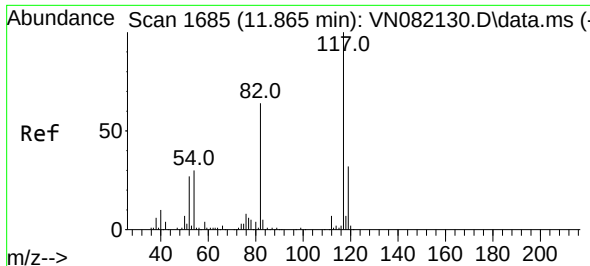
Tgt Ion: 98 Resp: 436046
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.978 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082283.D
Acq: 22 May 2024 10:59

Tgt Ion: 95 Resp: 152234
Ion Ratio Lower Upper
95 100
174 75.5 0.0 160.6
176 72.2 0.0 152.8

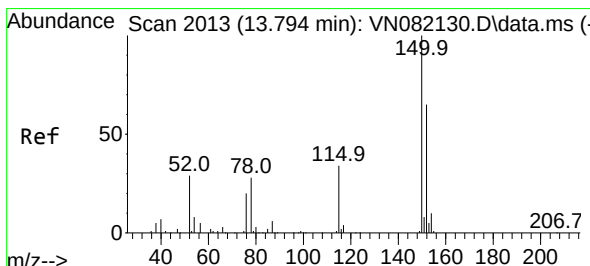
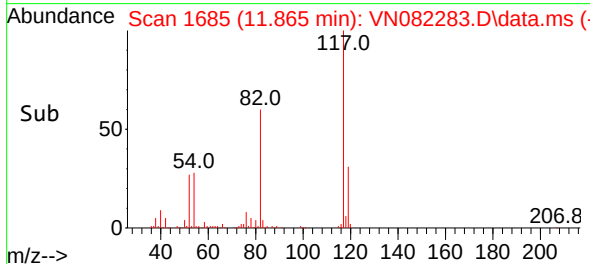
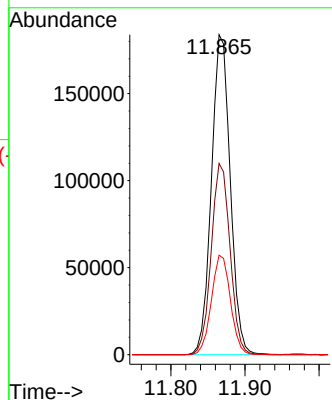
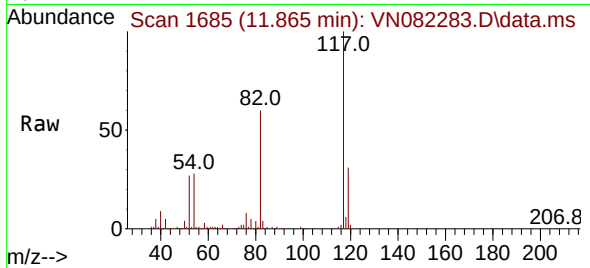




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN082283.D
Acq: 22 May 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion:117 Resp: 324367
Ion Ratio Lower Upper
117 100
82 59.8 44.6 66.8
119 31.1 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: VN082283.D
Acq: 22 May 2024 10:59

Tgt Ion:152 Resp: 136866
Ion Ratio Lower Upper
152 100
115 60.1 30.4 91.3
150 157.0 0.0 353.2

