

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061024\
 Data File : VN082507.D
 Acq On : 10 Jun 2024 11:20
 Operator : JC\MD
 Sample : VN0610MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610MBL01

Quant Time: Jun 11 01:03:27 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	8.229	168	160866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118588	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	128803	50.708	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.420%
35) Dibromofluoromethane	8.165	113	94241	52.553	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.100%
50) Toluene-d8	10.570	98	348398	50.674	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.340%
62) 4-Bromofluorobenzene	12.853	95	111884	45.594	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.180%

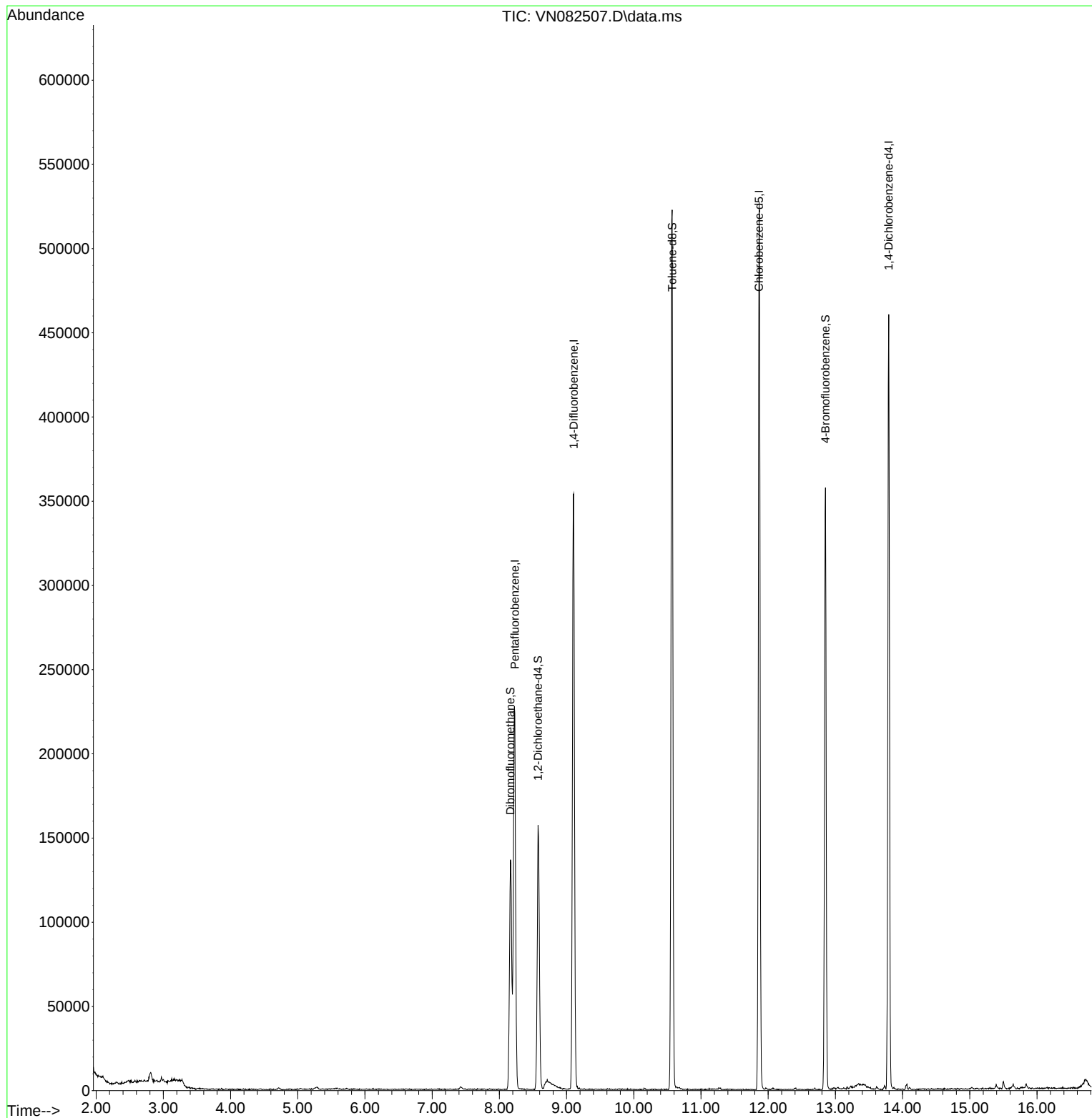
Target Compounds	Qvalue

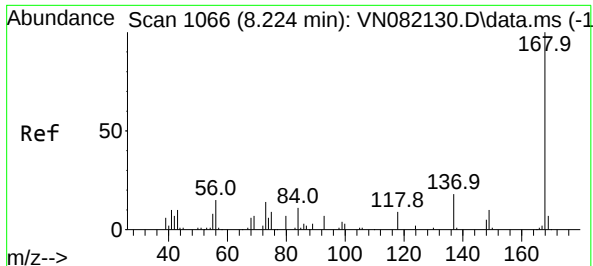
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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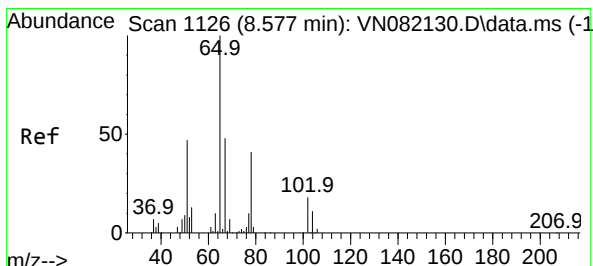
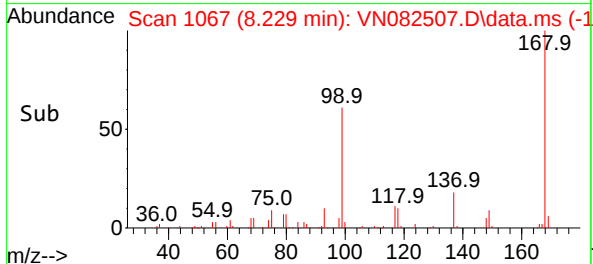
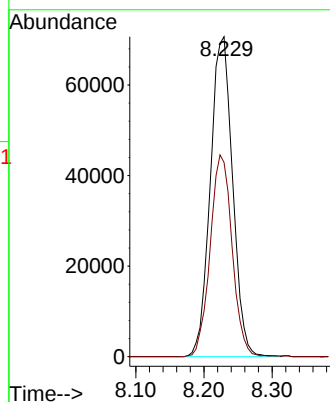
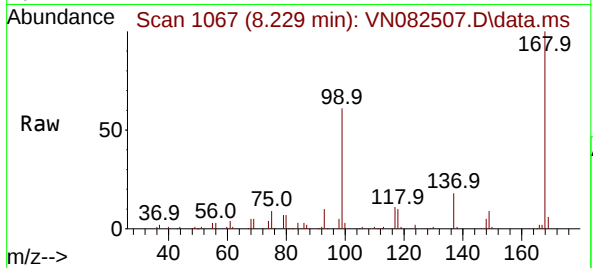




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

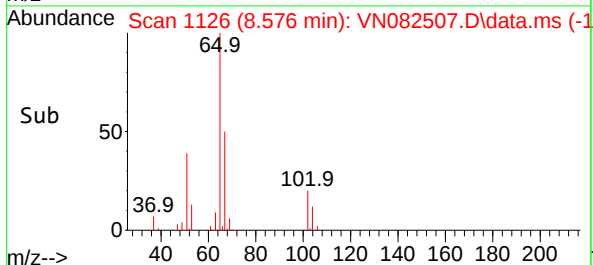
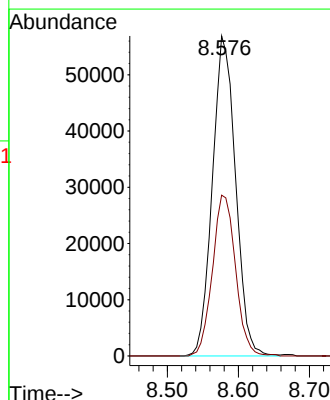
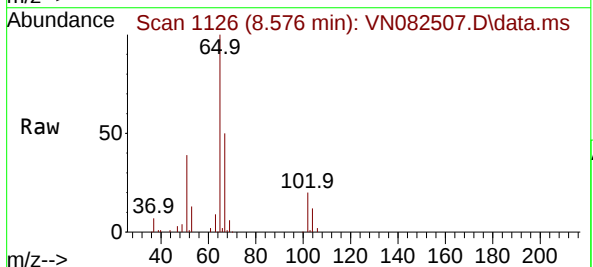
Instrument :
MSVOA_N
ClientSampleId :
VN0610MBL01

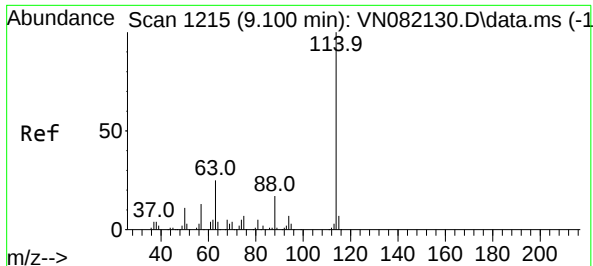
Tgt Ion:168 Resp: 160866
Ion Ratio Lower Upper
168 100
99 60.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 50.708 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

Tgt Ion: 65 Resp: 128803
Ion Ratio Lower Upper
65 100
67 50.1 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: VN082507.D

Acq: 10 Jun 2024 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0610MBL01

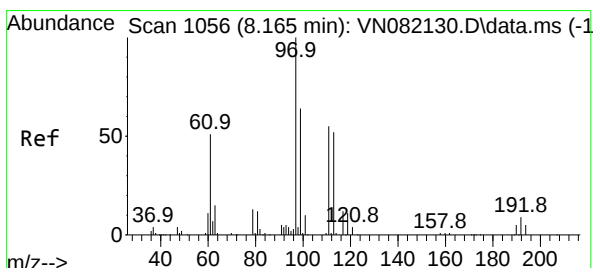
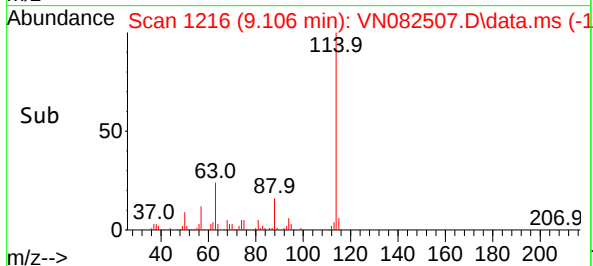
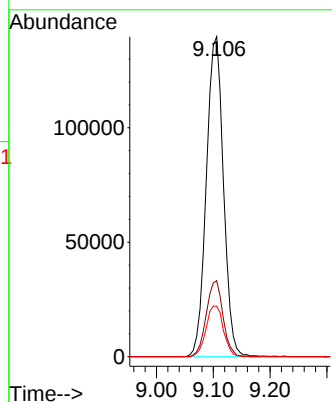
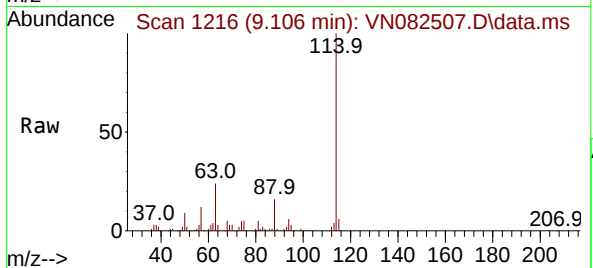
Tgt Ion:114 Resp: 291514

Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.553 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082507.D

Acq: 10 Jun 2024 11:20

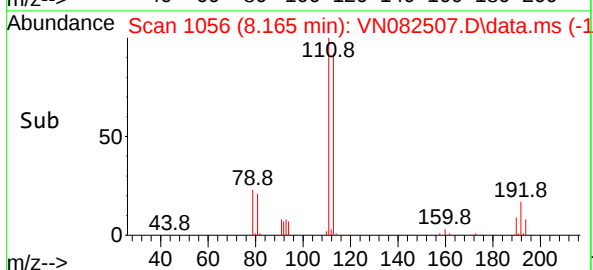
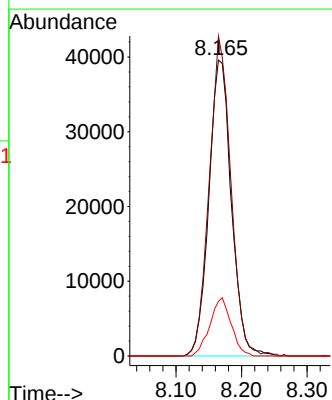
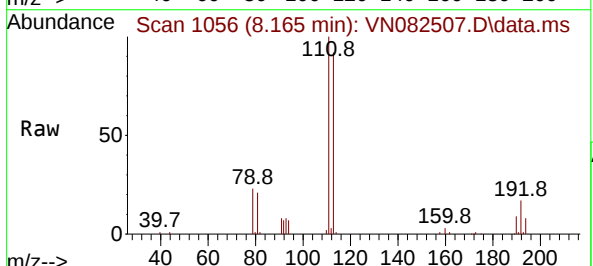
Tgt Ion:113 Resp: 94241

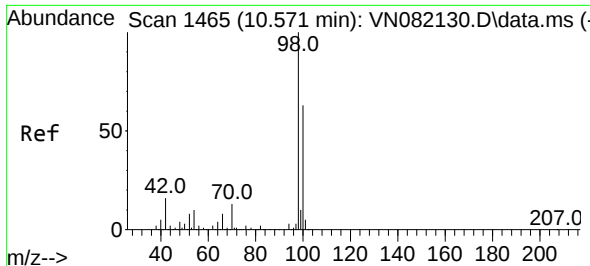
Ion Ratio Lower Upper

113 100

111 104.6 83.4 125.2

192 18.6 14.0 21.0

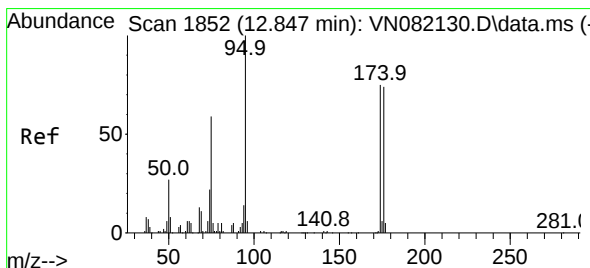
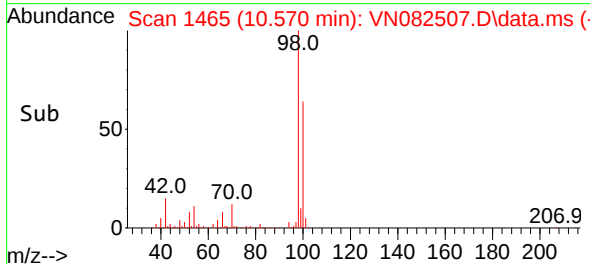
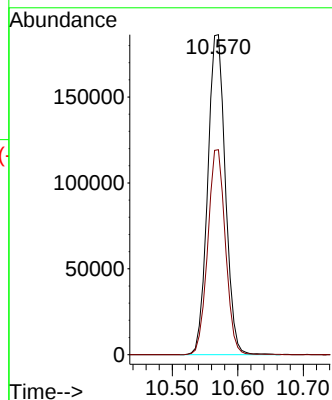
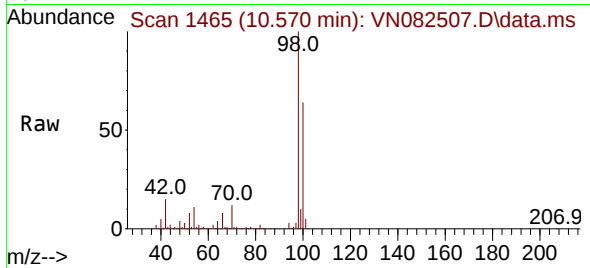




#50
Toluene-d8
Concen: 50.674 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

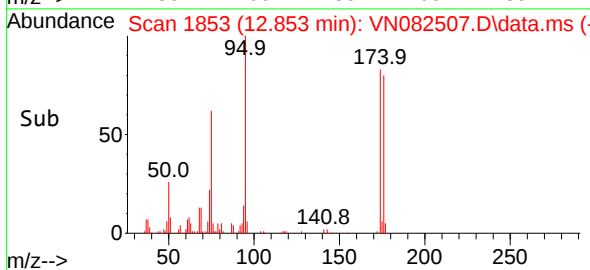
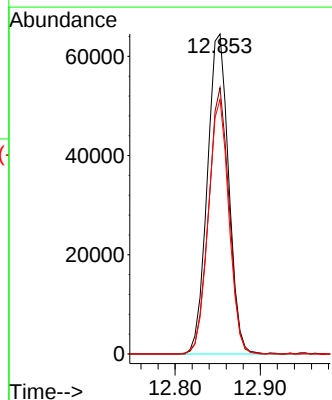
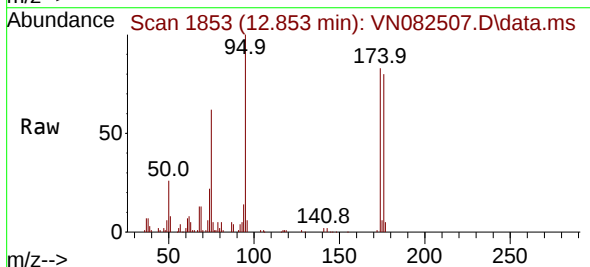
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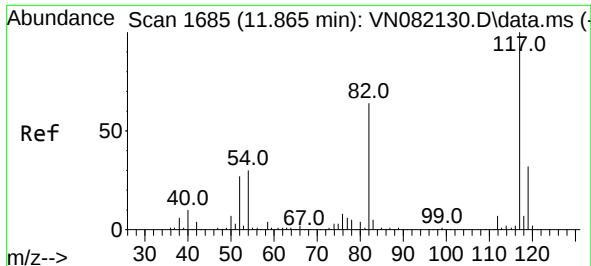
Tgt Ion: 98 Resp: 348398
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.594 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

Tgt Ion: 95 Resp: 111884
Ion Ratio Lower Upper
95 100
174 80.0 0.0 160.6
176 76.8 0.0 152.8

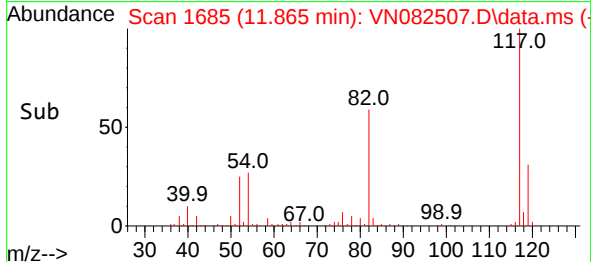
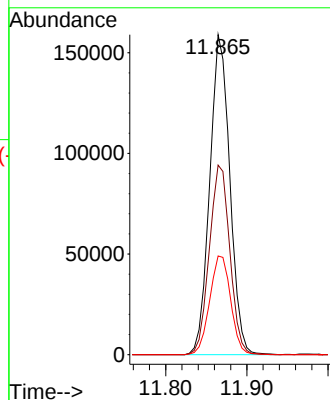
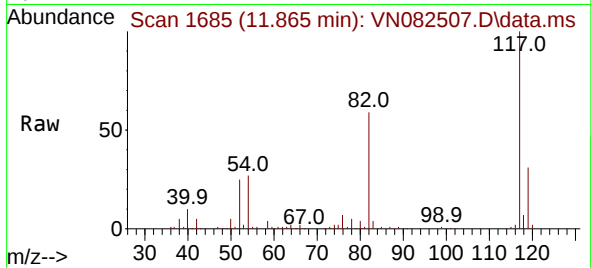




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082507.D
Acq: 10 Jun 2024 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0610MBL01

Tgt Ion:117 Resp: 273226
Ion Ratio Lower Upper
117 100
82 59.3 44.6 66.8
119 30.9 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: VN082507.D
Acq: 10 Jun 2024 11:20

Tgt Ion:152 Resp: 118588
Ion Ratio Lower Upper
152 100
115 58.5 30.4 91.3
150 154.5 0.0 353.2

