

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083042.D
 Acq On : 26 Jul 2024 11:10
 Operator : JC\MD
 Sample : VN0726WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBL01

Quant Time: Jul 26 23:01:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	159598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	311389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131445	58.753	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.500%
35) Dibromofluoromethane	8.165	113	109746	54.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.860%
50) Toluene-d8	10.571	98	376069	50.958	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.853	95	123954	46.758	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.520%

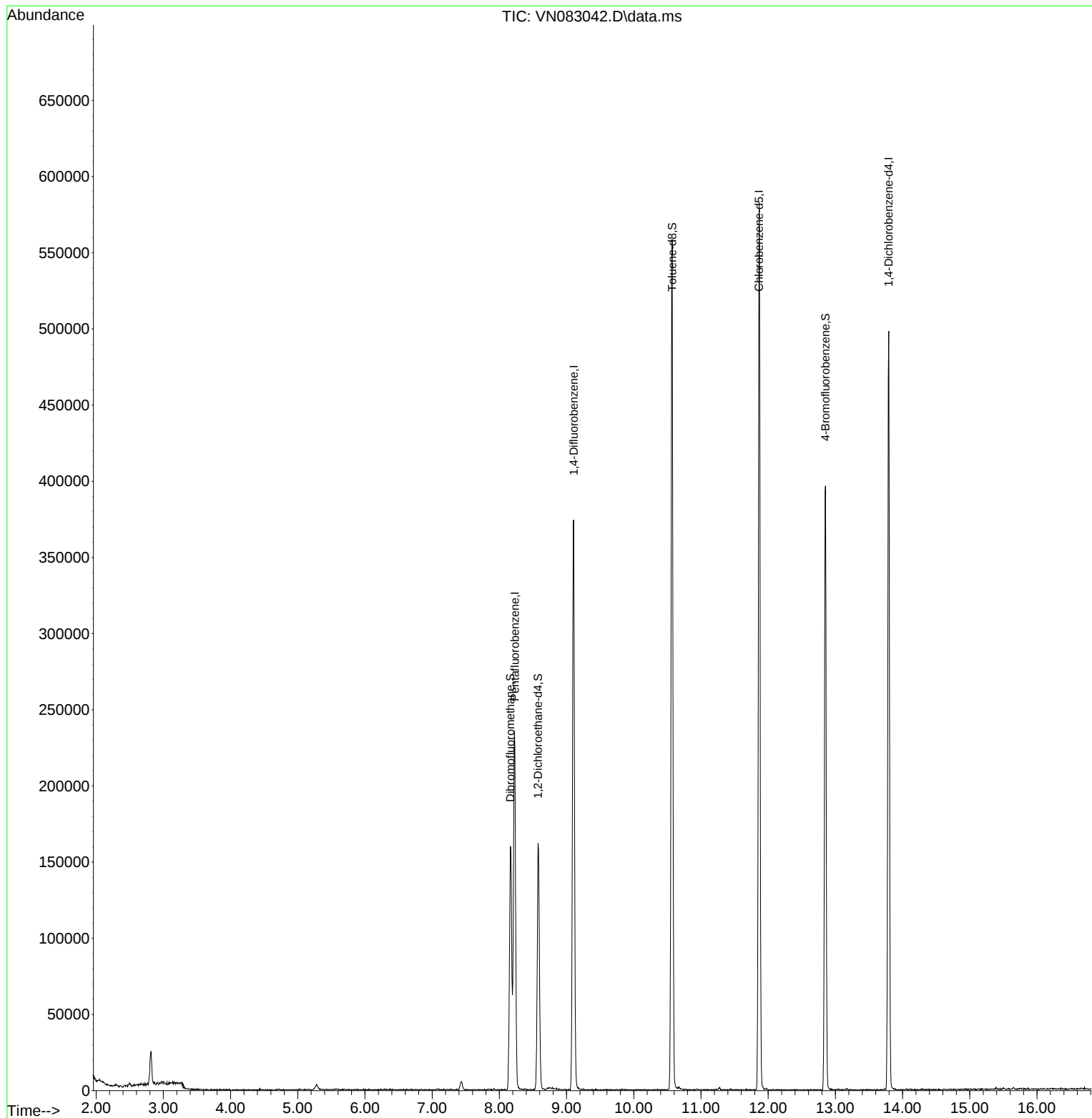
Target Compounds	Qvalue

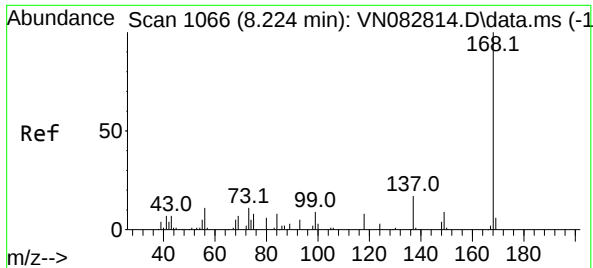
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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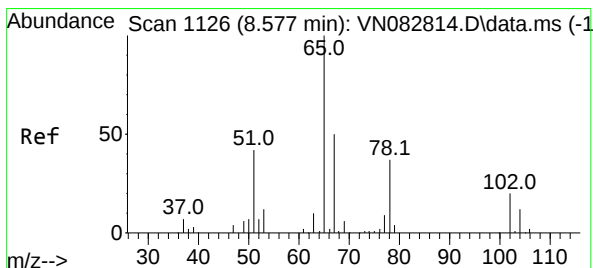
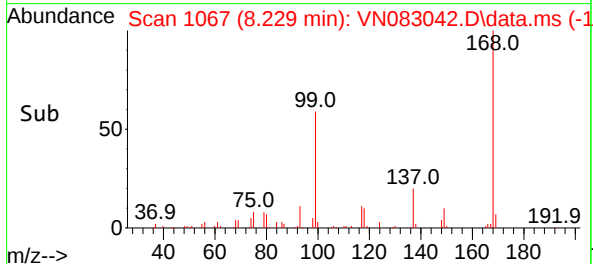
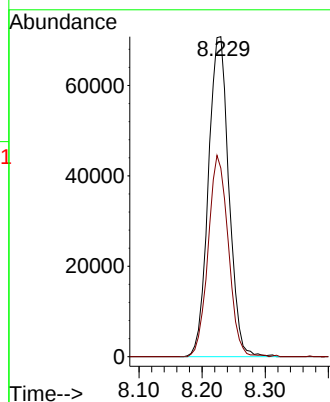
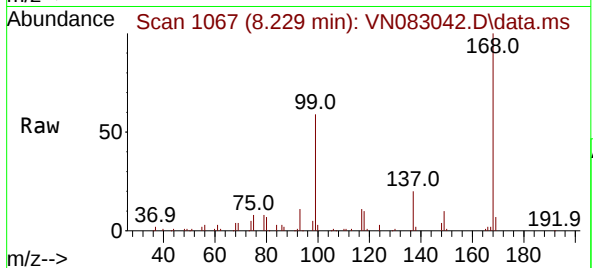




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

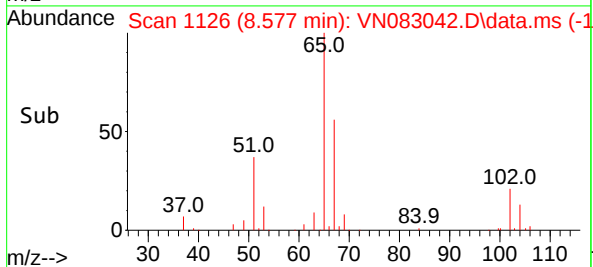
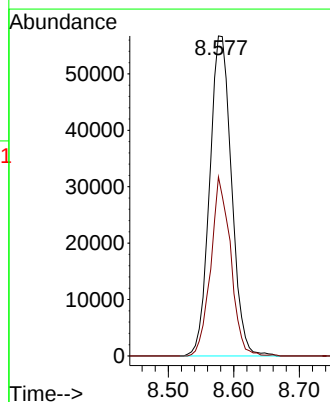
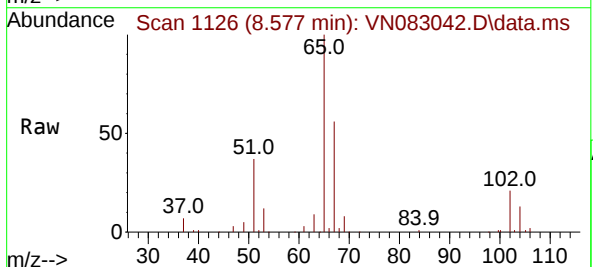
Instrument :
MSVOA_N
ClientSampleId :
VN0726WBL01

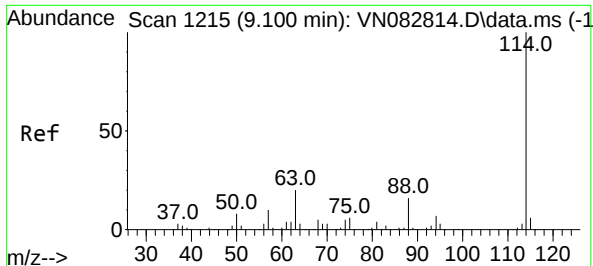
Tgt Ion:168 Resp: 159598
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 58.753 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

Tgt Ion: 65 Resp: 131445
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083042.D

Acq: 26 Jul 2024 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBL01

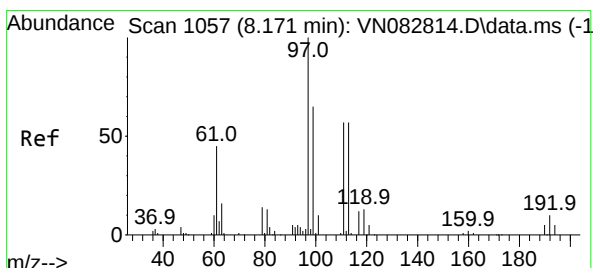
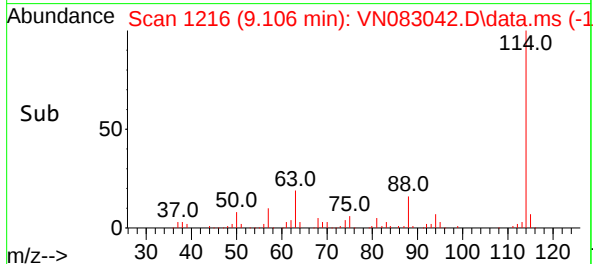
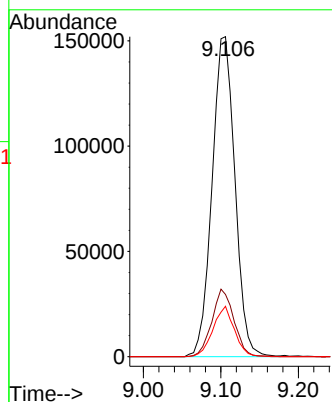
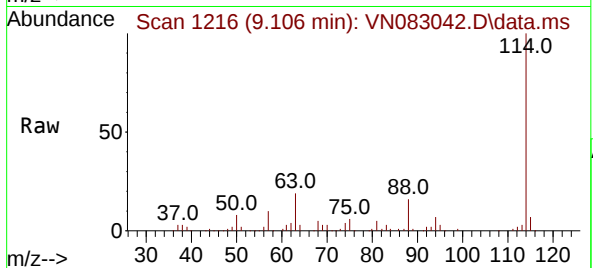
Tgt Ion:114 Resp: 311389

Ion Ratio Lower Upper

114 100

63 19.4 0.0 44.6

88 15.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.925 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083042.D

Acq: 26 Jul 2024 11:10

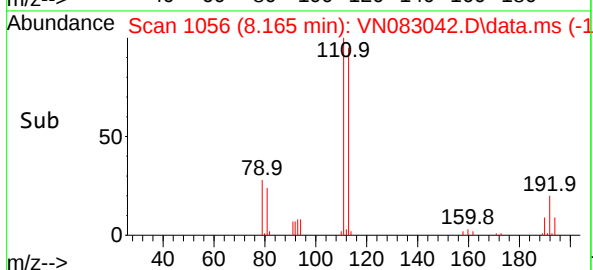
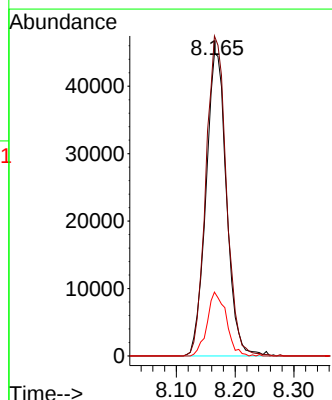
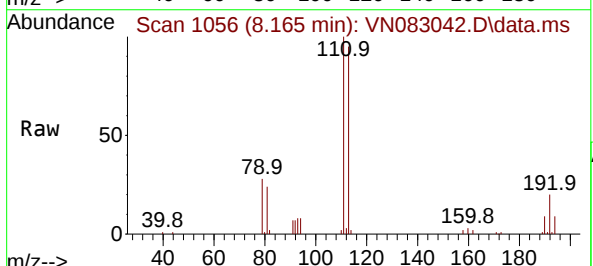
Tgt Ion:113 Resp: 109746

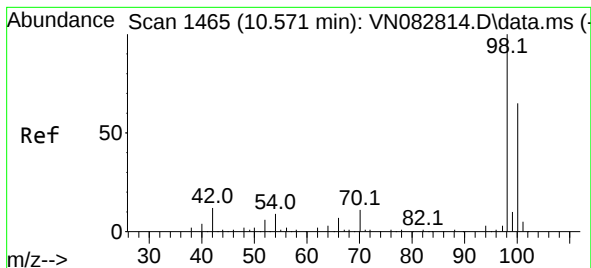
Ion Ratio Lower Upper

113 100

111 104.8 82.4 123.6

192 19.6 14.9 22.3

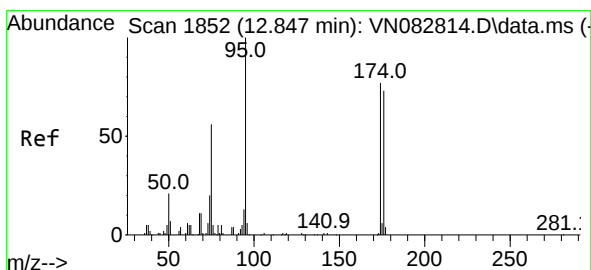
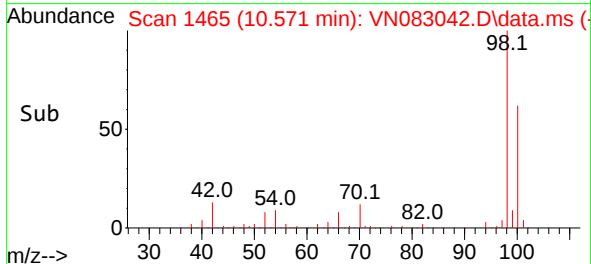
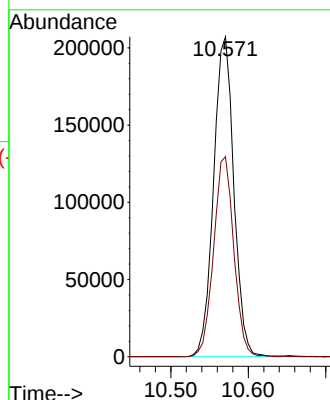
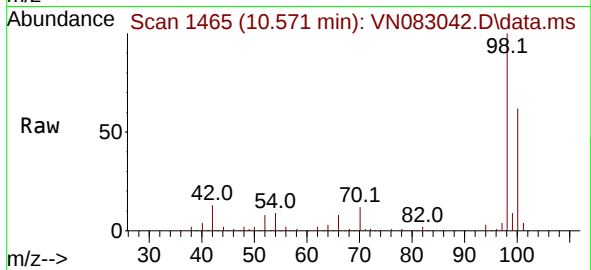




#50
Toluene-d8
Concen: 50.958 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

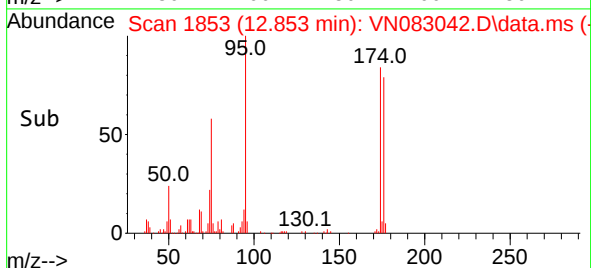
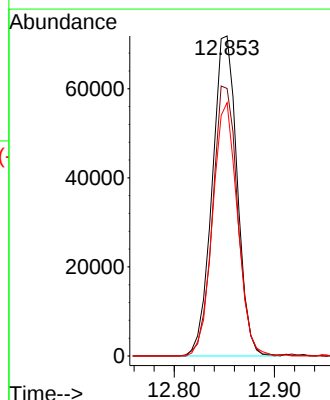
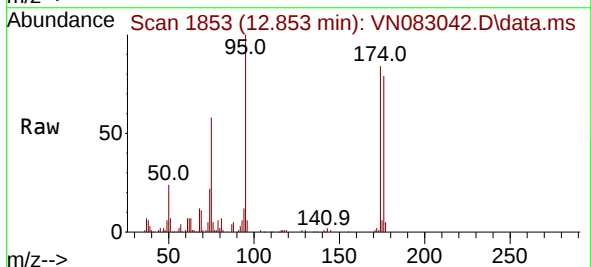
Instrument :
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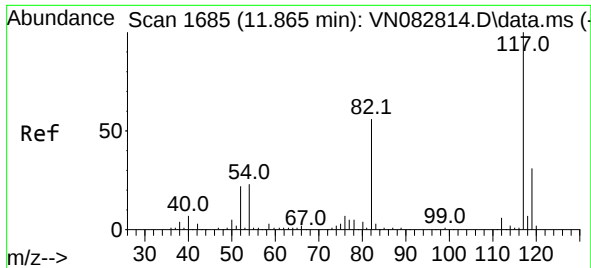
Tgt Ion: 98 Resp: 376069
Ion Ratio Lower Upper
98 100
100 62.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.758 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

Tgt Ion: 95 Resp: 123954
Ion Ratio Lower Upper
95 100
174 84.6 0.0 159.2
176 79.0 0.0 147.6

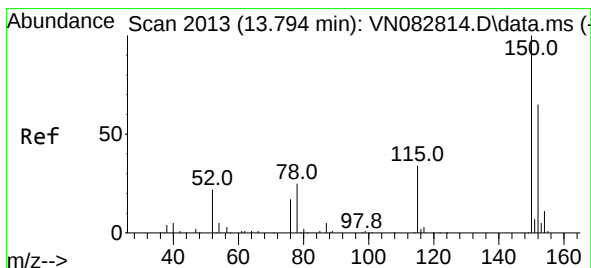
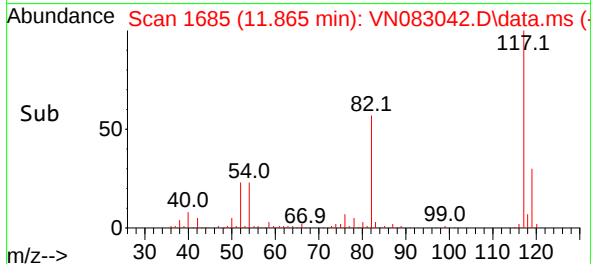
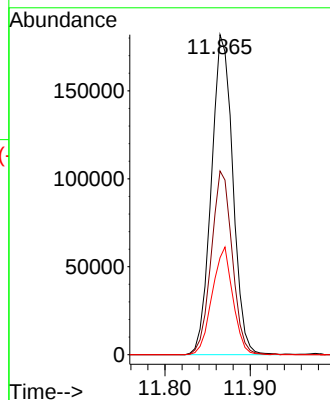
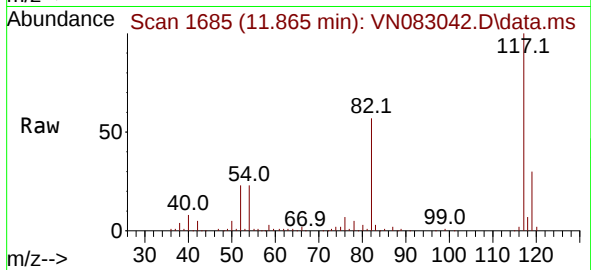




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0726WBL01

Tgt Ion:117 Resp: 318017
Ion Ratio Lower Upper
117 100
82 57.4 47.5 71.3
119 30.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083042.D
Acq: 26 Jul 2024 11:10

Tgt Ion:152 Resp: 131459
Ion Ratio Lower Upper
152 100
115 58.6 30.6 91.6
150 157.9 0.0 348.6

