

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090524\
 Data File : VN083677.D
 Acq On : 05 Sep 2024 15:50
 Operator : JC\MD
 Sample : P3815-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-083024

Quant Time: Sep 06 02:18:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	138326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143268	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109047	56.406	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.820%
35) Dibromofluoromethane	8.165	113	88170	51.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.080%
50) Toluene-d8	10.565	98	313314	47.051	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.100%
62) 4-Bromofluorobenzene	12.847	95	147890	59.933	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	119.860%

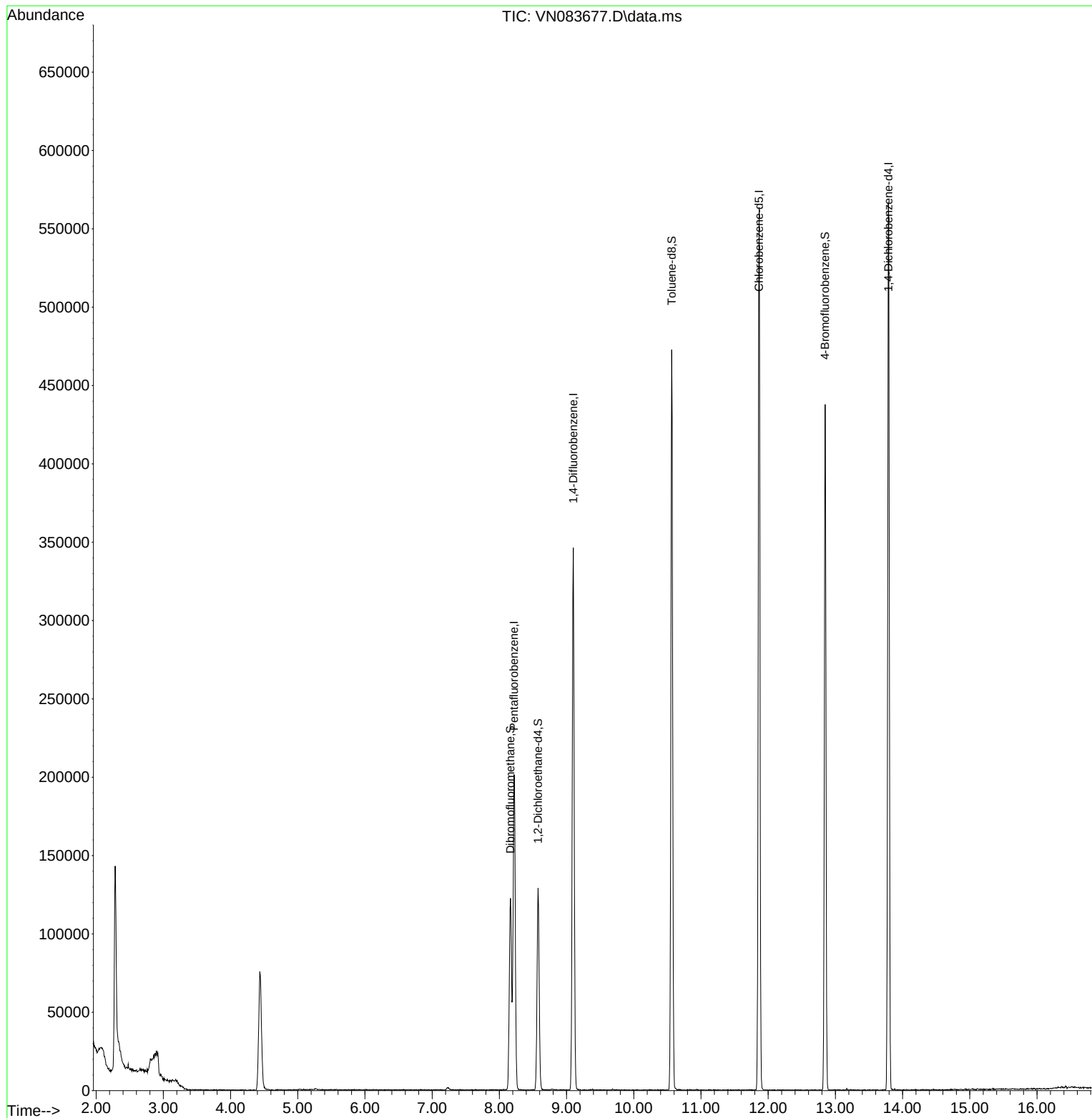
Target Compounds	Qvalue

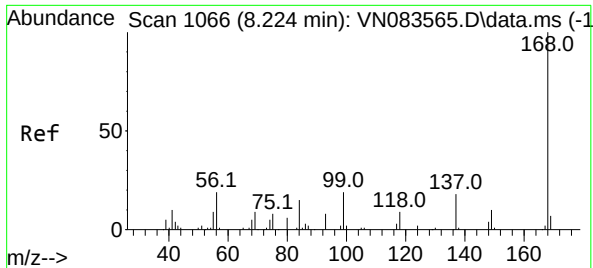
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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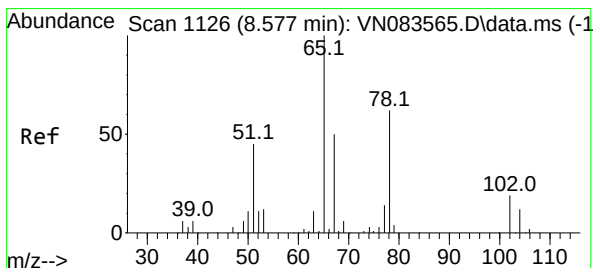
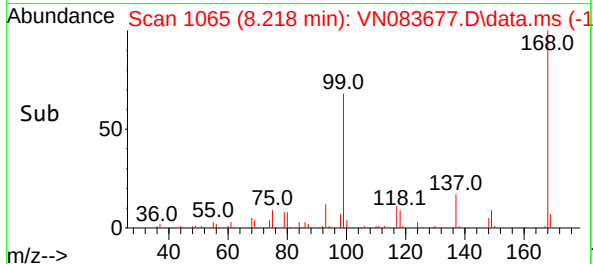
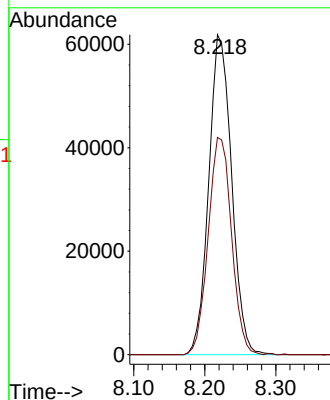
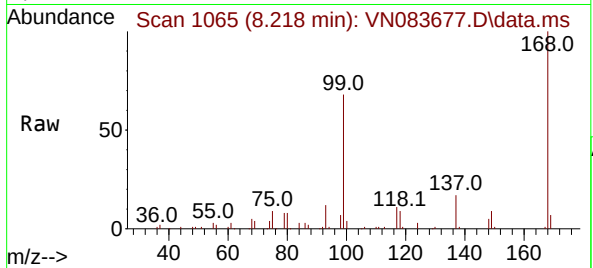




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

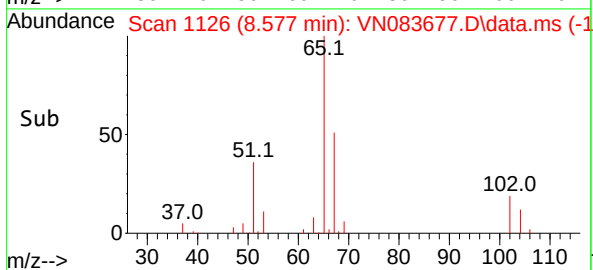
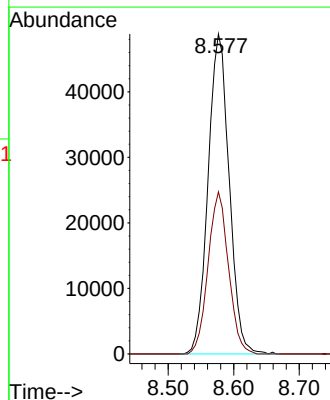
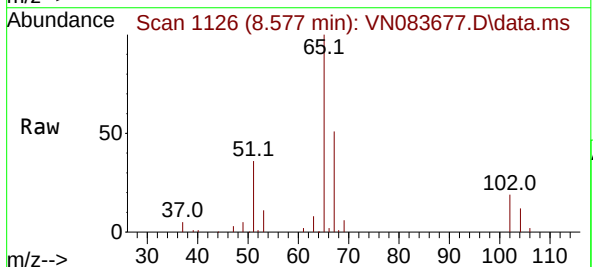
Instrument :
MSVOA_N
ClientSampleId :
TB01-083024

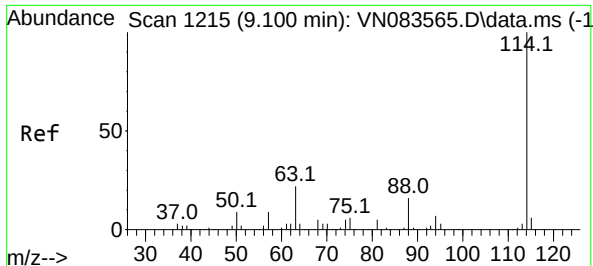
Tgt Ion:168 Resp: 138326
Ion Ratio Lower Upper
168 100
99 67.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 56.406 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

Tgt Ion: 65 Resp: 109047
Ion Ratio Lower Upper
65 100
67 49.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083677.D

Acq: 05 Sep 2024 15:50

Instrument :

MSVOA_N

ClientSampleId :

TB01-083024

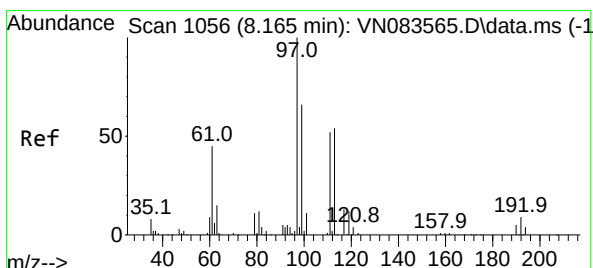
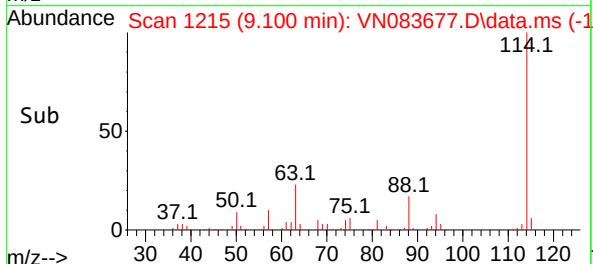
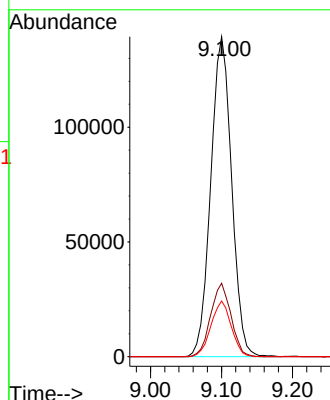
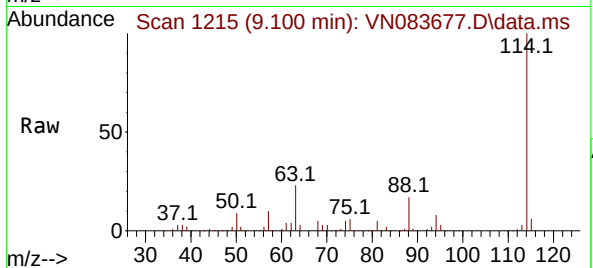
Tgt Ion:114 Resp: 284202

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.4

88 17.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.545 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083677.D

Acq: 05 Sep 2024 15:50

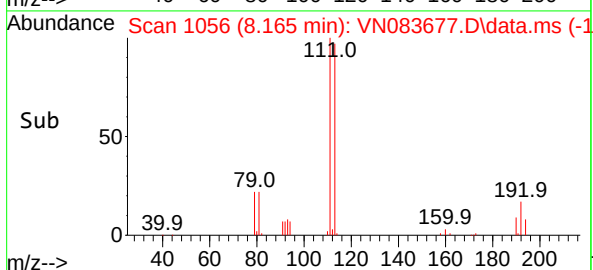
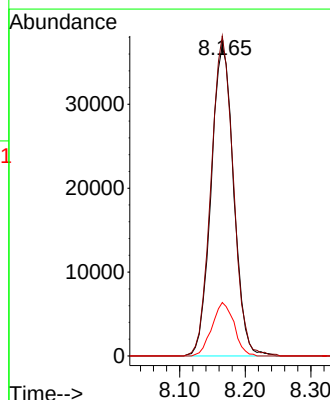
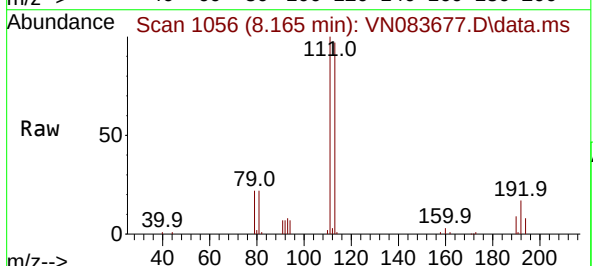
Tgt Ion:113 Resp: 88170

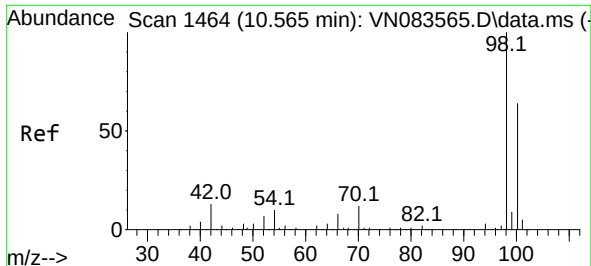
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 16.9 14.3 21.5

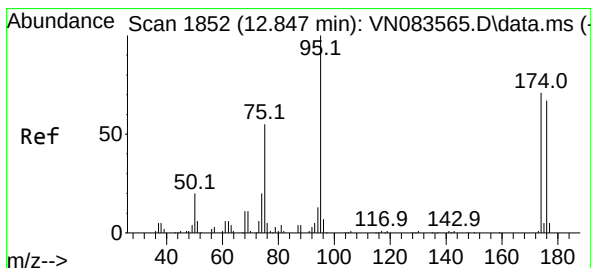
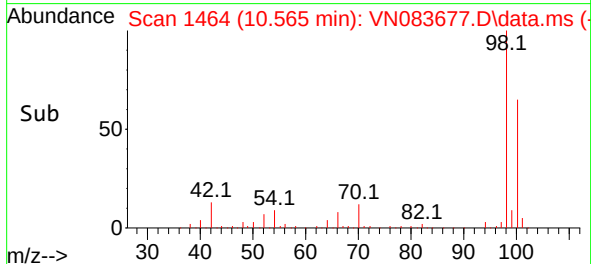
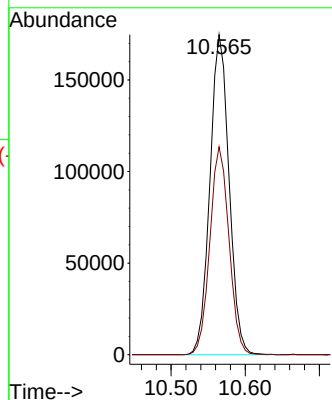
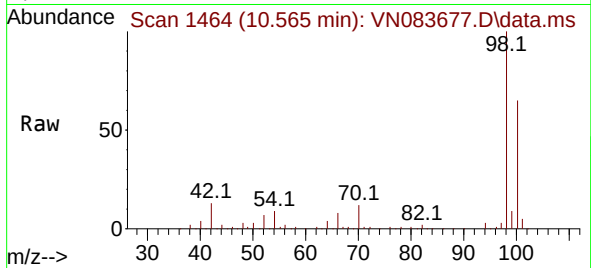




#50
Toluene-d8
Concen: 47.051 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

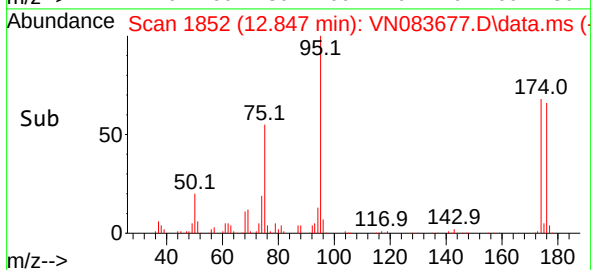
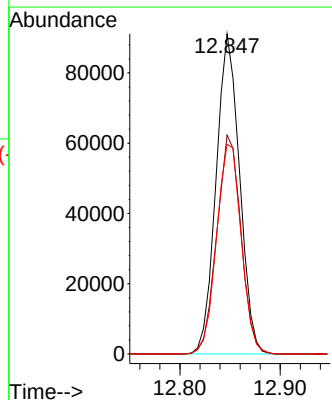
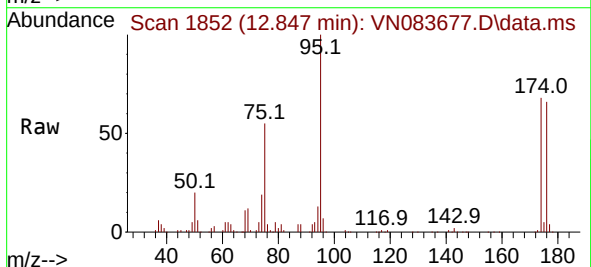
Instrument :
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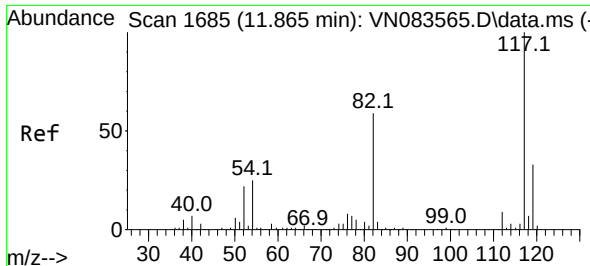
Tgt Ion: 98 Resp: 313314
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 59.933 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

Tgt Ion: 95 Resp: 147890
Ion Ratio Lower Upper
95 100
174 70.2 0.0 139.8
176 69.0 0.0 131.4

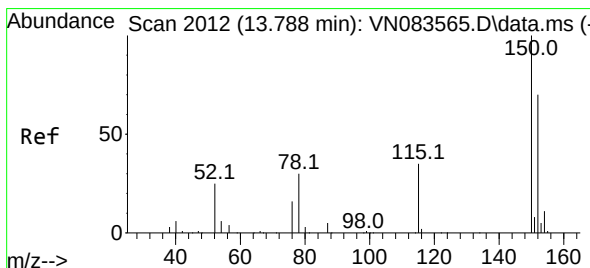
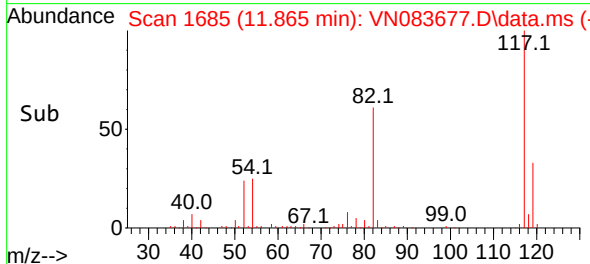
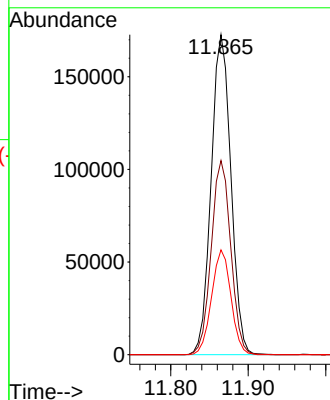
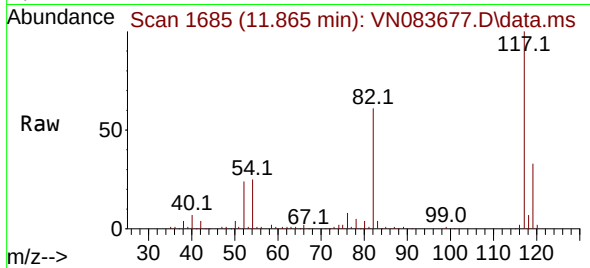




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

Instrument :
MSVOA_N
ClientSampleId :
TB01-083024

Tgt Ion:117 Resp: 306787
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 32.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083677.D
Acq: 05 Sep 2024 15:50

Tgt Ion:152 Resp: 143268
Ion Ratio Lower Upper
152 100
115 65.3 32.2 96.6
150 161.1 0.0 348.6

