

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084130.D
 Acq On : 24 Sep 2024 13:31
 Operator : JC\MD
 Sample : P4116-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT158S1-20240916

Quant Time: Sep 25 04:56:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	155225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	272033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92403	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120972	51.685	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.360%
35) Dibromofluoromethane	8.165	113	89710	51.512	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.020%
50) Toluene-d8	10.565	98	325864	54.125	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.260%
62) 4-Bromofluorobenzene	12.847	95	111558	44.912	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.820%

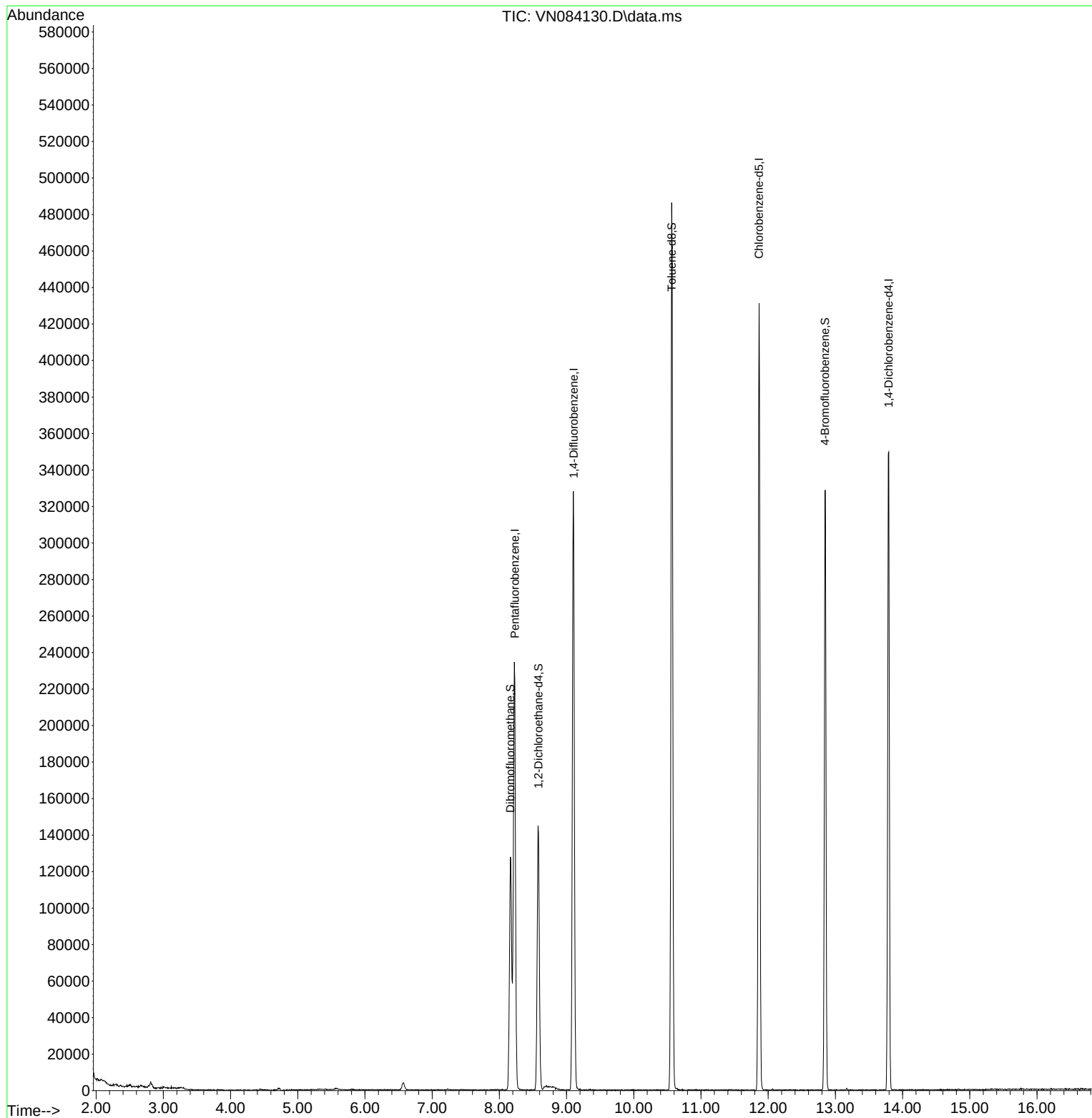
Target Compounds	Qvalue

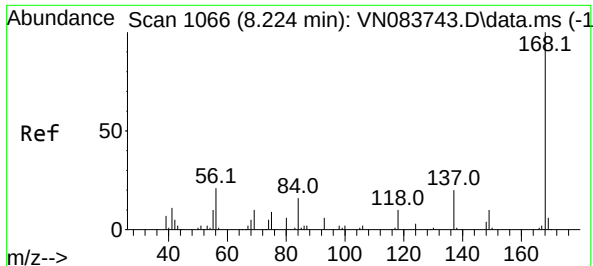
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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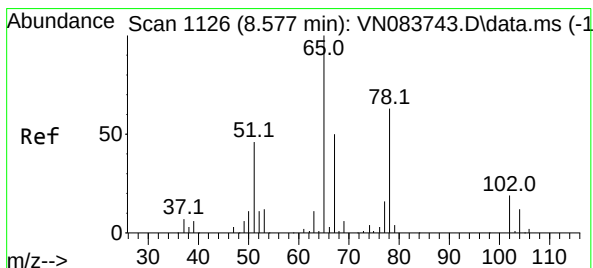
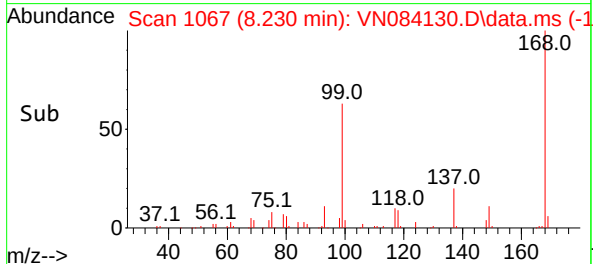
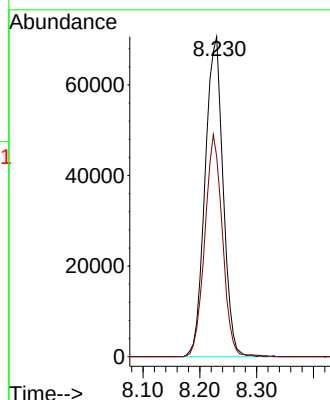
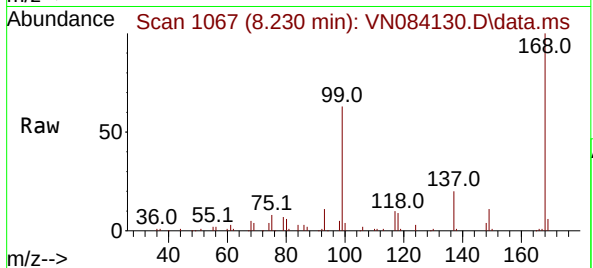




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

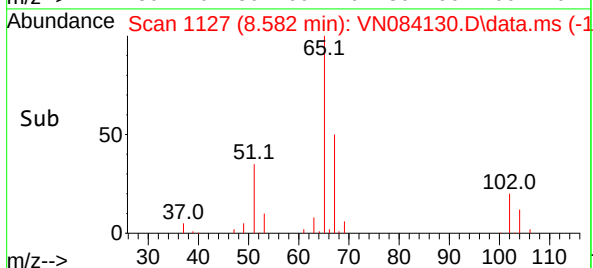
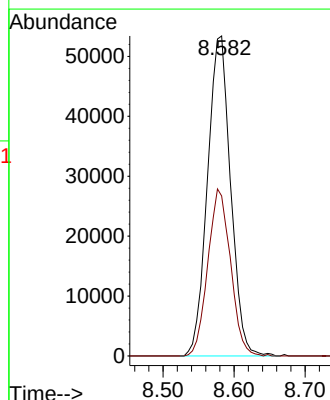
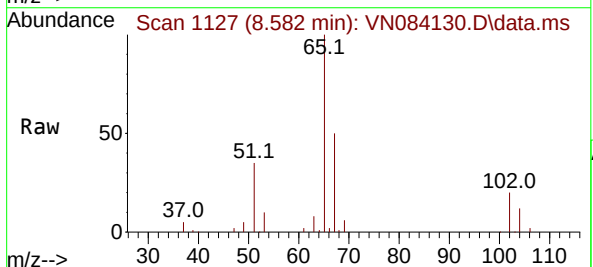
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240916

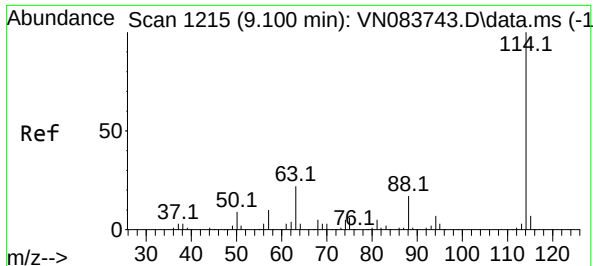
Tgt Ion:168 Resp: 155225
Ion Ratio Lower Upper
168 100
99 62.5 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.685 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

Tgt Ion: 65 Resp: 120972
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084130.D

Acq: 24 Sep 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

TT158S1-20240916

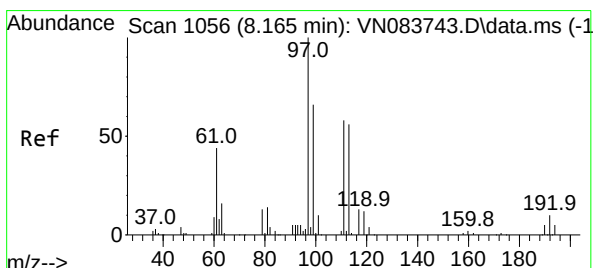
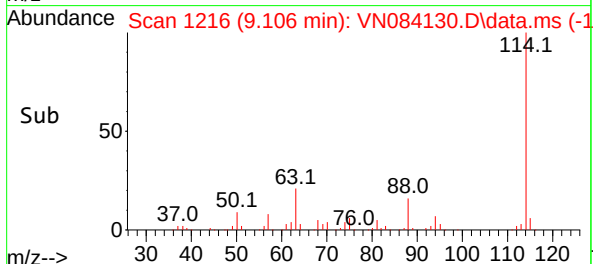
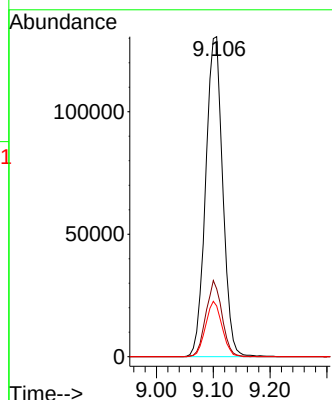
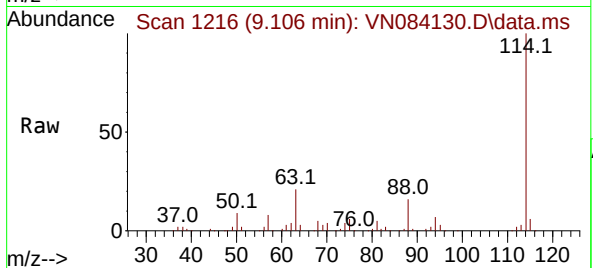
Tgt Ion:114 Resp: 272033

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.4

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.512 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084130.D

Acq: 24 Sep 2024 13:31

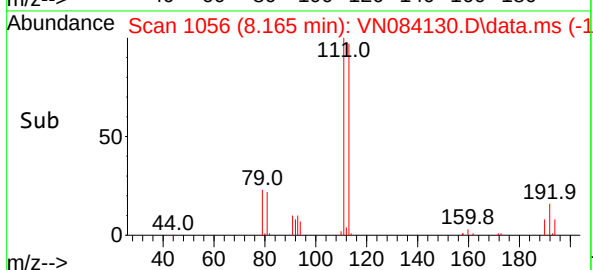
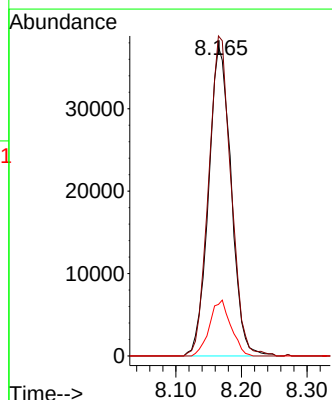
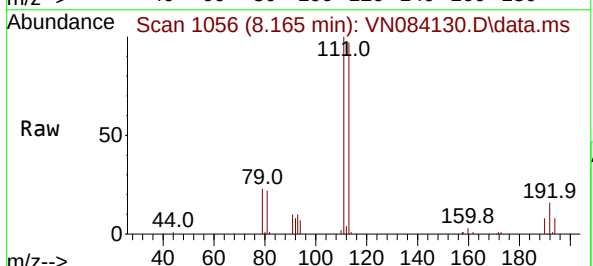
Tgt Ion:113 Resp: 89710

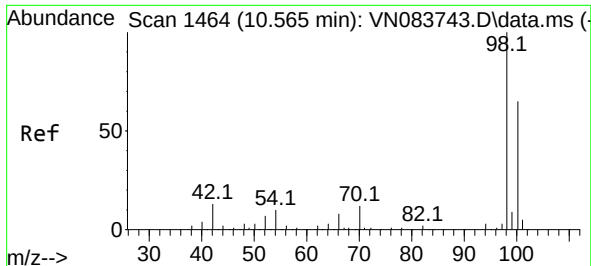
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 17.1 14.3 21.5

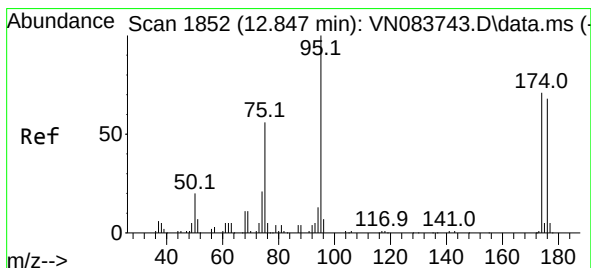
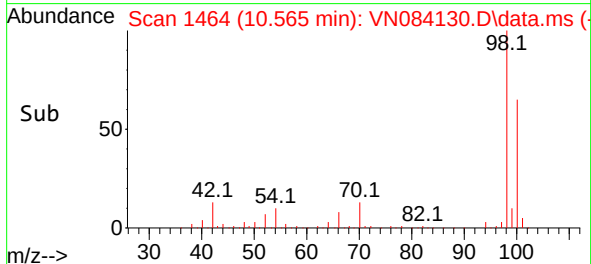
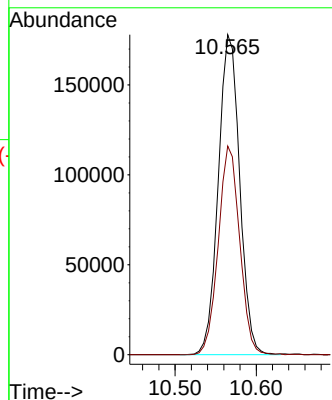
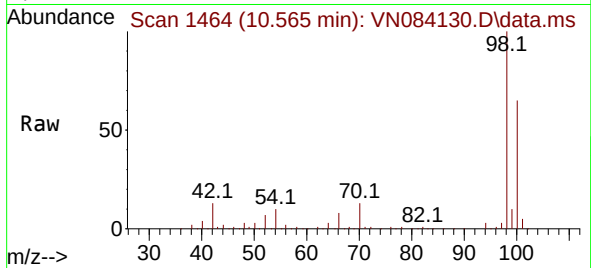




#50
Toluene-d8
Concen: 54.125 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

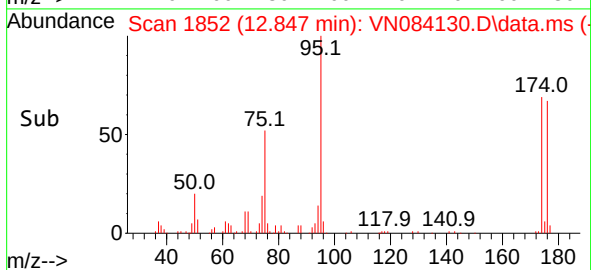
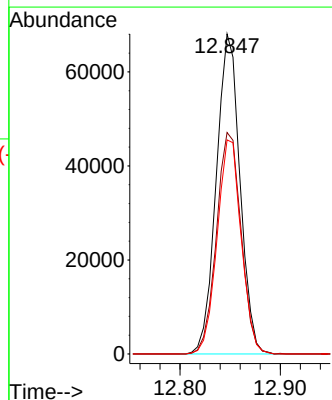
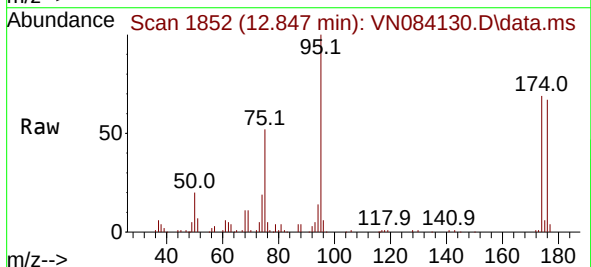
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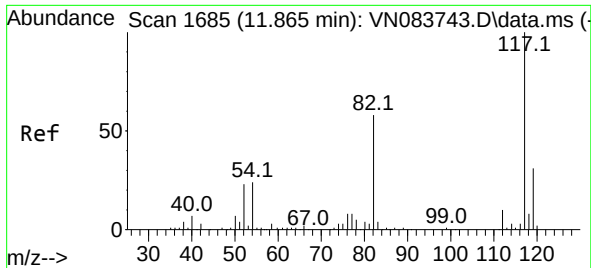
Tgt Ion: 98 Resp: 325864
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.912 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

Tgt Ion: 95 Resp: 111558
Ion Ratio Lower Upper
95 100
174 72.0 0.0 139.8
176 68.1 0.0 131.4

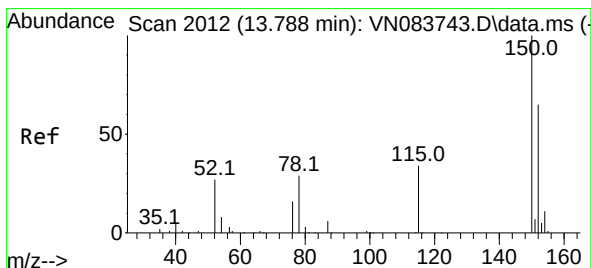
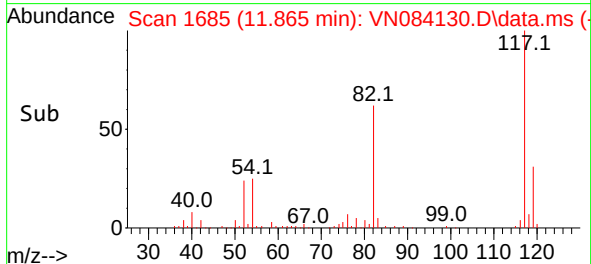
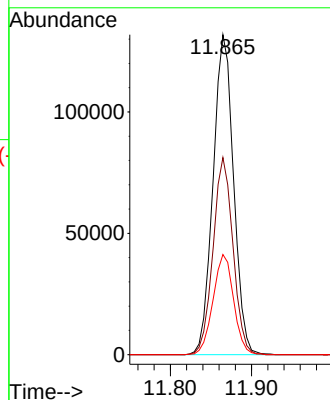
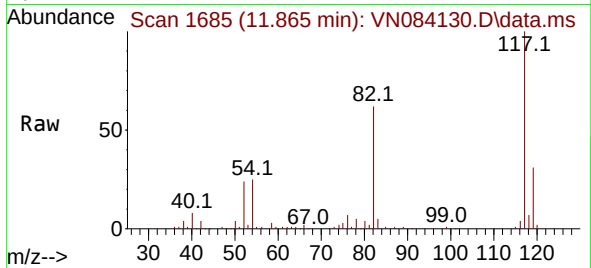




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240916

Tgt Ion:117 Resp: 231490
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.0
119 31.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

Tgt Ion:152 Resp: 92403
Ion Ratio Lower Upper
152 100
115 62.6 32.2 96.6
150 158.0 0.0 348.6

