

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083933.D
 Acq On : 17 Sep 2024 10:09
 Operator : JC\MD
 Sample : VN0917WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBL01

Quant Time: Sep 18 01:43:00 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	8.224	168	160066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100176	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125870	52.151	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.300%
35) Dibromofluoromethane	8.165	113	88942	50.413	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.820%
50) Toluene-d8	10.565	98	330028	54.110	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.220%
62) 4-Bromofluorobenzene	12.847	95	120672	47.955	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.900%

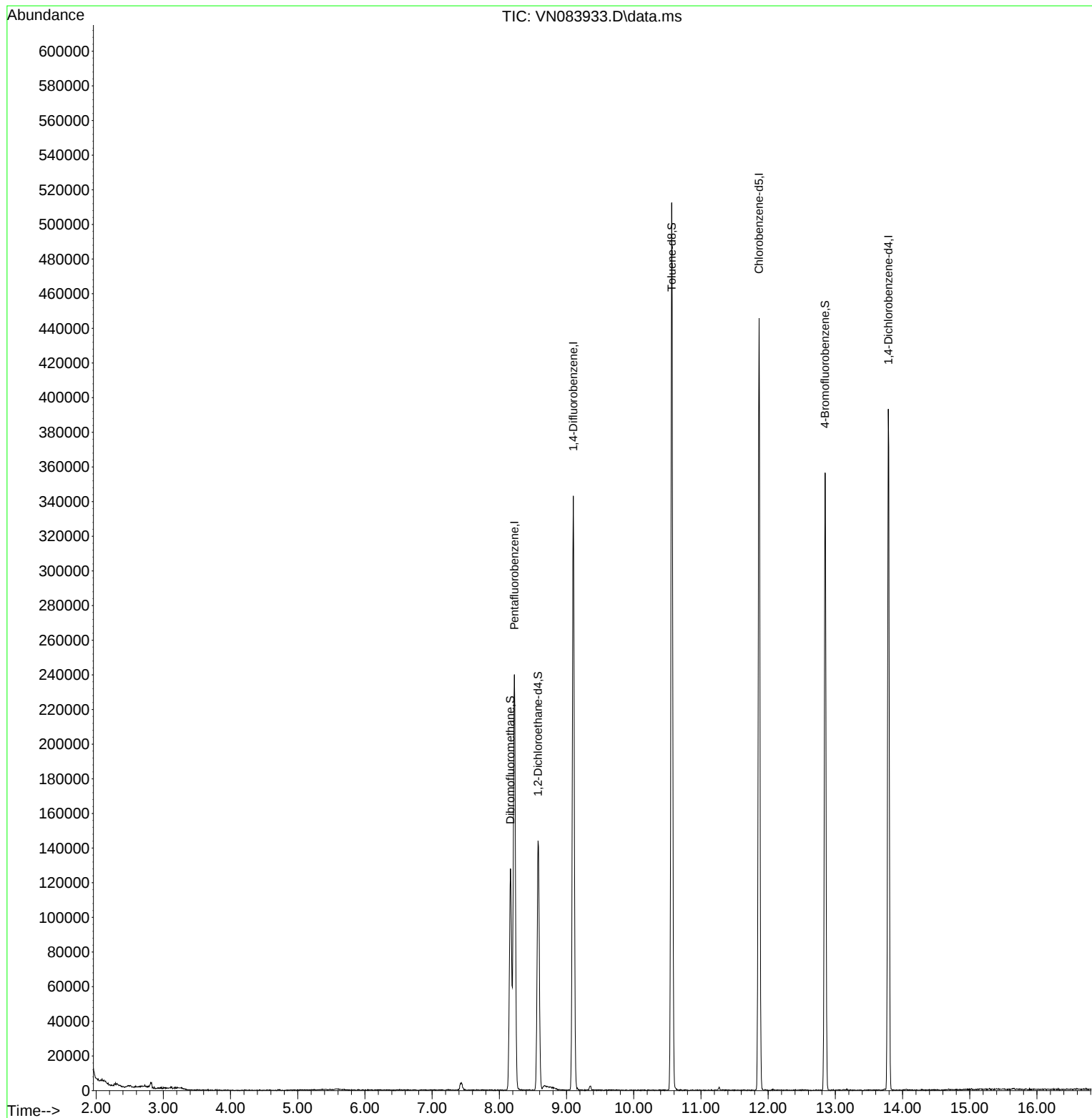
Target Compounds	Qvalue

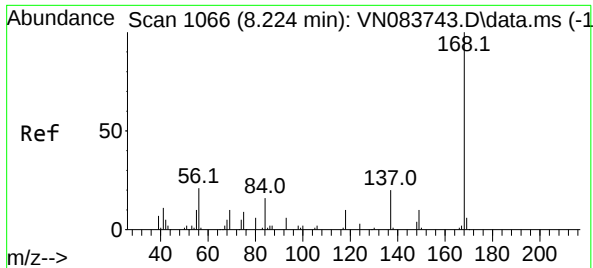
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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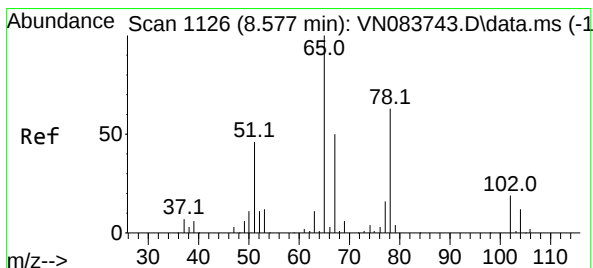
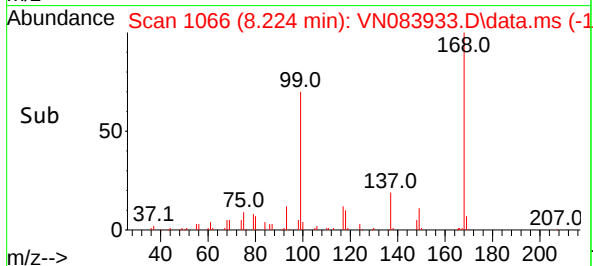
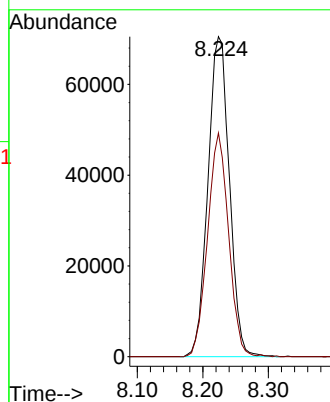
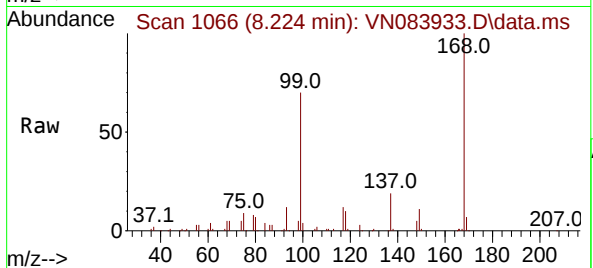




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

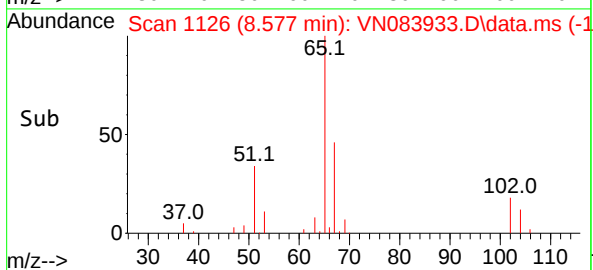
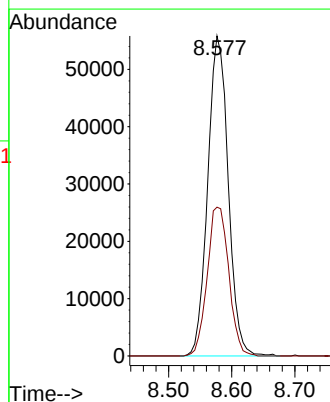
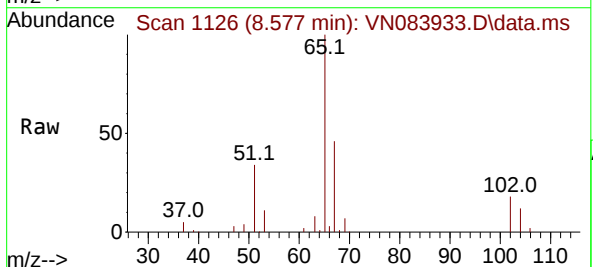
Instrument :
MSVOA_N
ClientSampleId :
VN0917WBL01

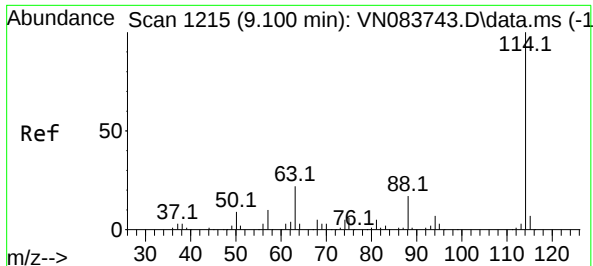
Tgt Ion:168 Resp: 160066
Ion Ratio Lower Upper
168 100
99 69.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 52.151 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

Tgt Ion: 65 Resp: 125870
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: VN083933.D

Acq: 17 Sep 2024 10:09

Instrument :

MSVOA_N

ClientSampleId :

VN0917WBL01

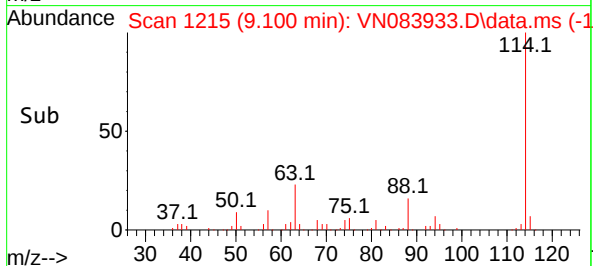
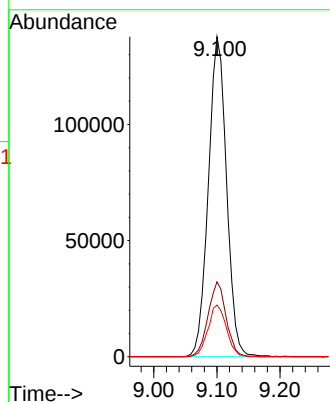
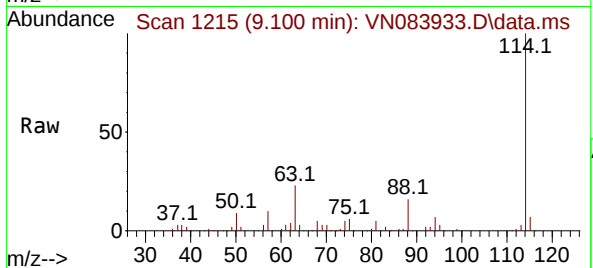
Tgt Ion:114 Resp: 275586

Ion Ratio Lower Upper

114 100

63 23.4 0.0 43.4

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.413 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083933.D

Acq: 17 Sep 2024 10:09

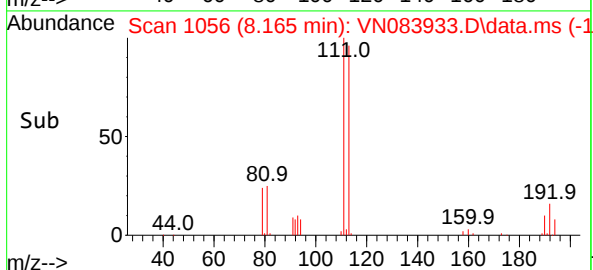
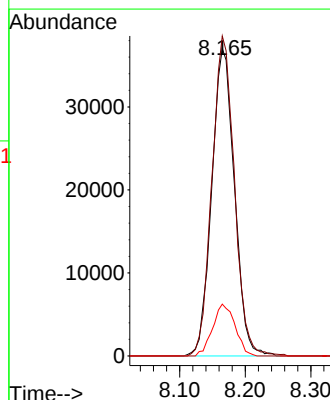
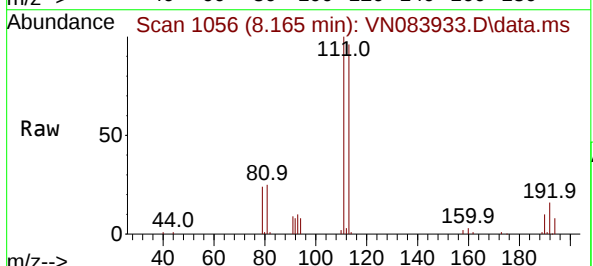
Tgt Ion:113 Resp: 88942

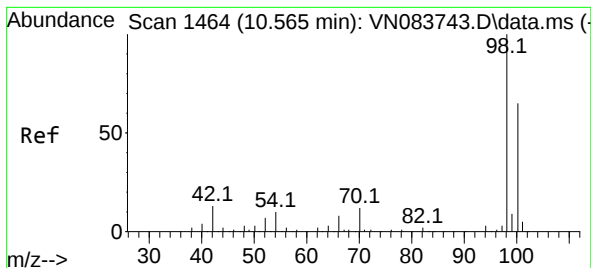
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 16.7 14.3 21.5





#50

Toluene-d8

Concen: 54.110 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083933.D

Acq: 17 Sep 2024 10:09

Instrument :

MSVOA_N

ClientSampleId :

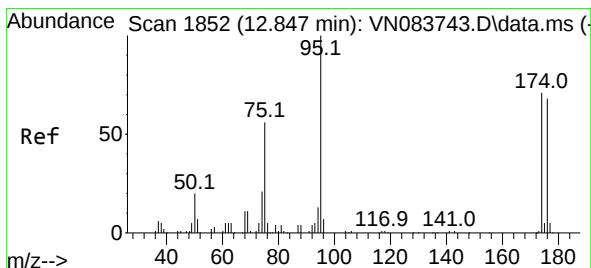
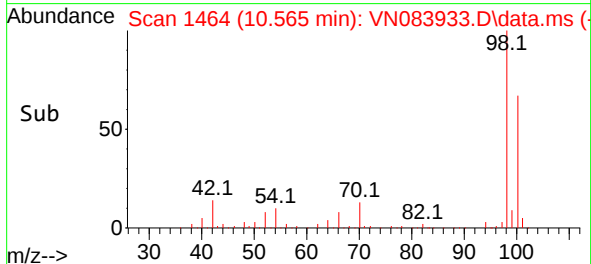
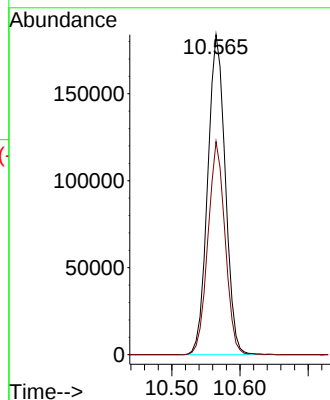
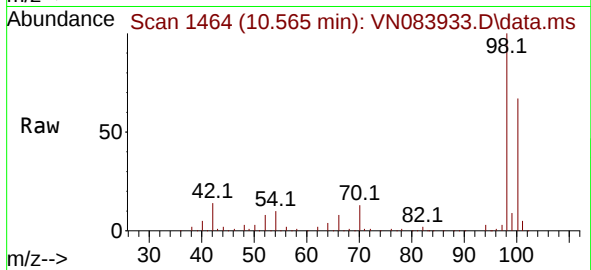
VN0917WBL01

Tgt Ion: 98 Resp: 330028

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.955 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083933.D

Acq: 17 Sep 2024 10:09

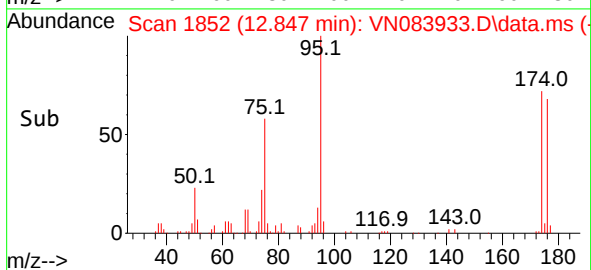
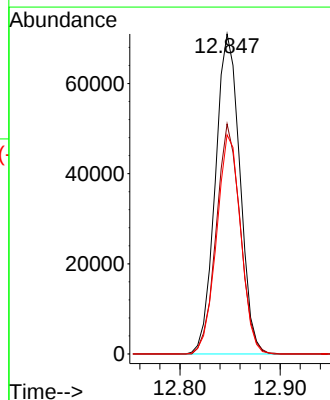
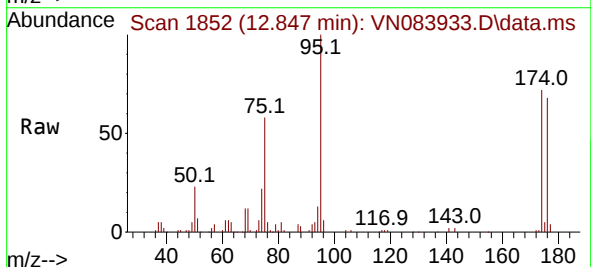
Tgt Ion: 95 Resp: 120672

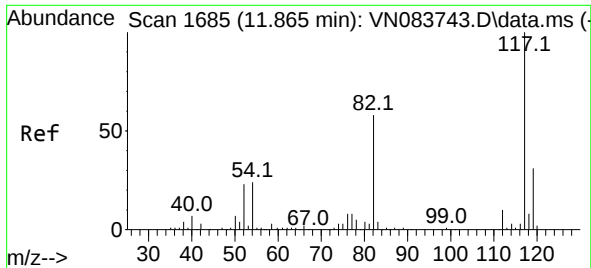
Ion Ratio Lower Upper

95 100

174 70.1 0.0 139.8

176 67.4 0.0 131.4

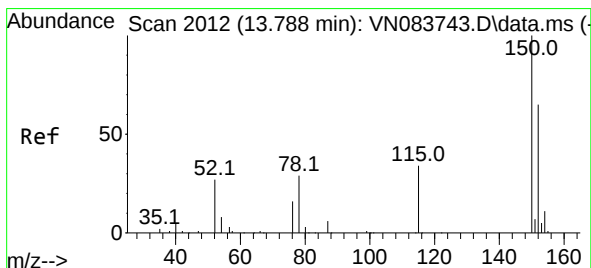
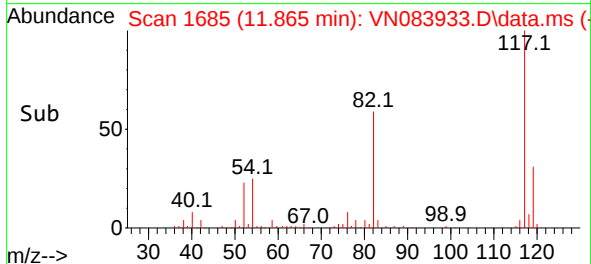
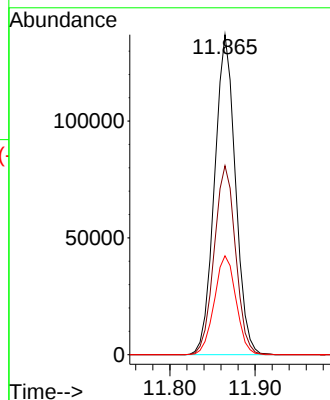
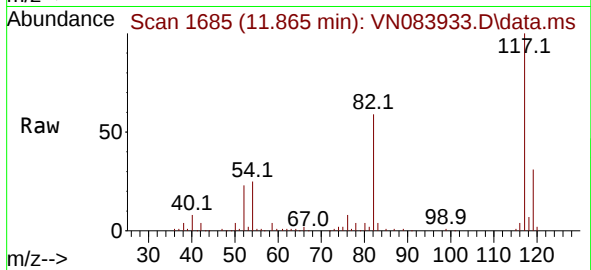




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083933.D
Acq: 17 Sep 2024 10:09

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBL01

Tgt Ion:117 Resp: 233129
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.0
119 30.9 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: VN083933.D
Acq: 17 Sep 2024 10:09

Tgt Ion:152 Resp: 100176
Ion Ratio Lower Upper
152 100
115 62.2 32.2 96.6
150 155.0 0.0 348.6

