

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083936.D
 Acq On : 17 Sep 2024 11:30
 Operator : JC\MD
 Sample : P3970-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT189D1-HYD-20240910

Quant Time: Sep 18 01:45:14 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	161054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95641	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124183	51.136	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.280%
35) Dibromofluoromethane	8.165	113	87641	50.511	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.020%
50) Toluene-d8	10.565	98	322118	53.701	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.400%
62) 4-Bromofluorobenzene	12.847	95	118503	47.885	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.760%

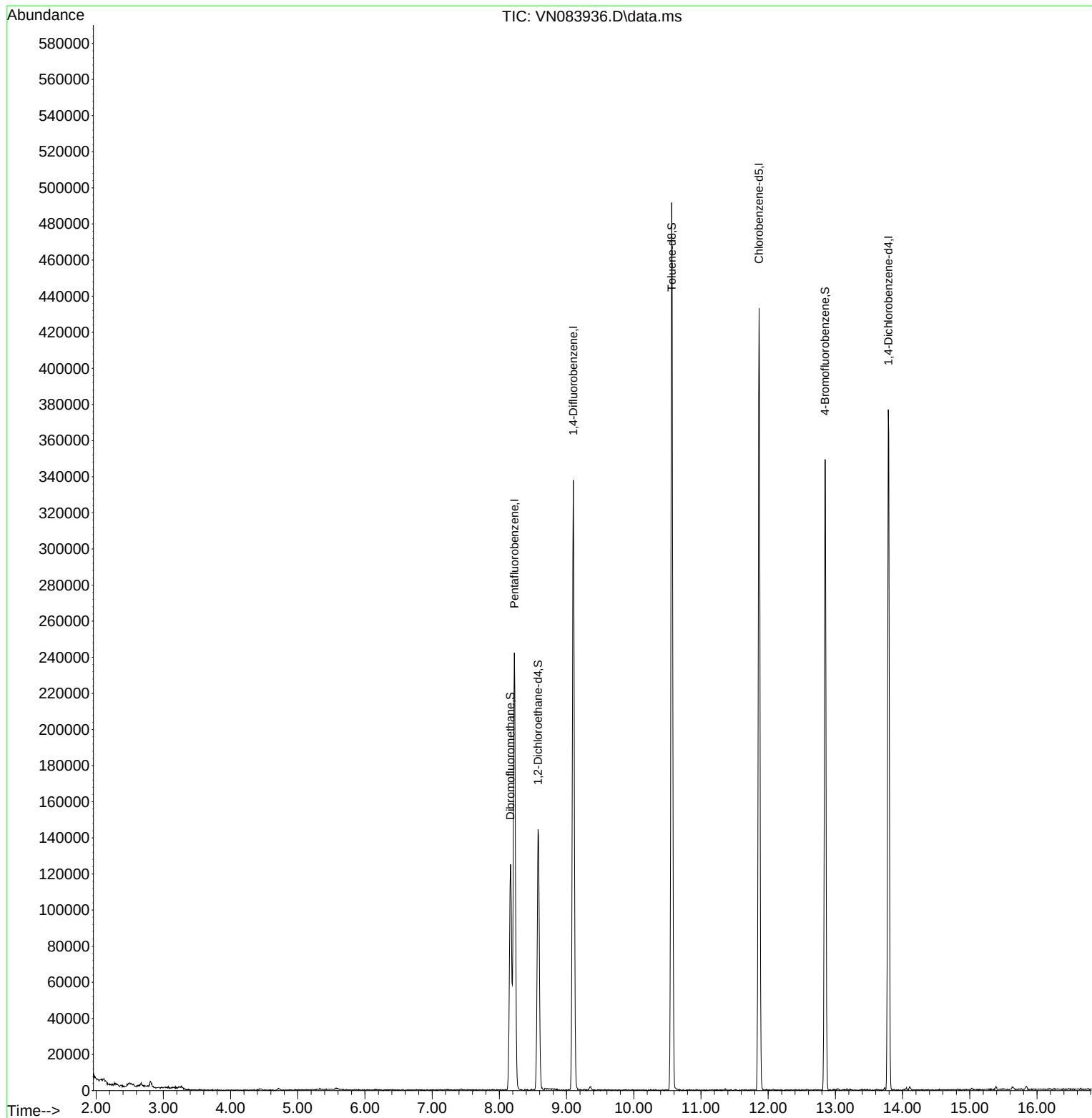
Target Compounds	Qvalue

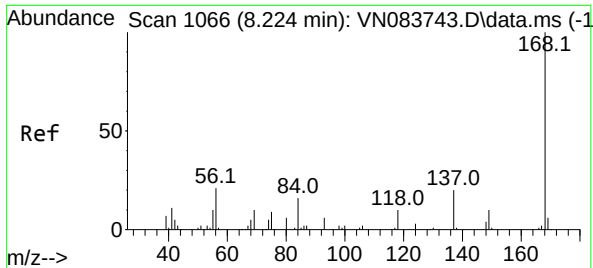
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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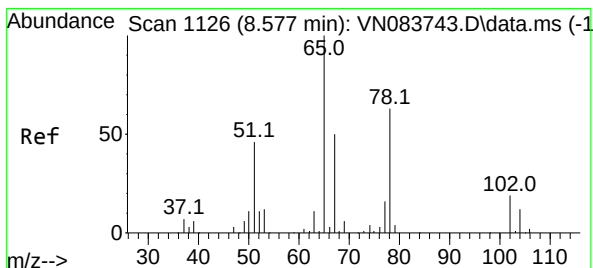
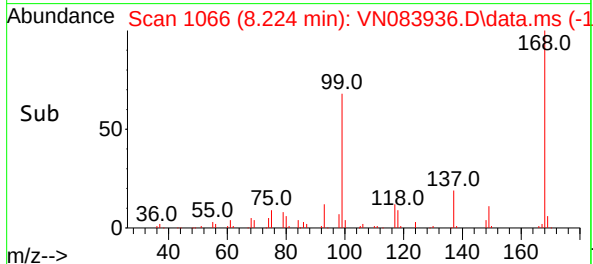
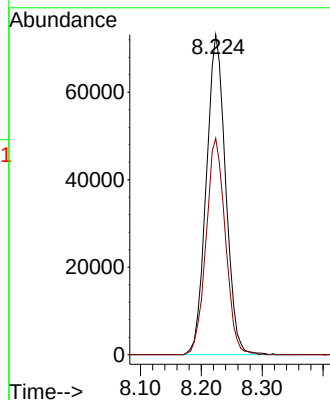
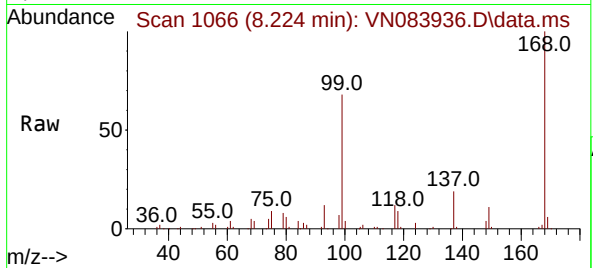




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

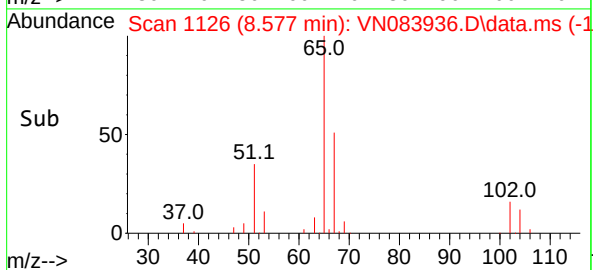
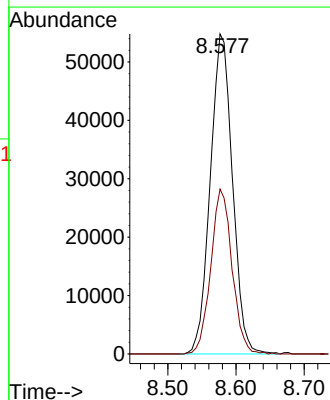
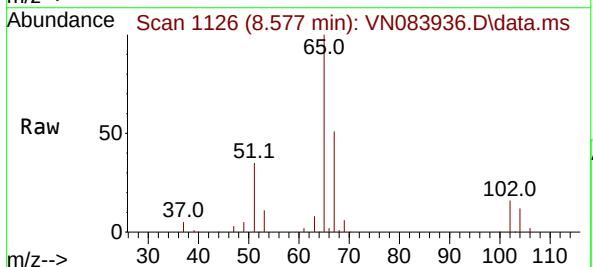
Instrument :
MSVOA_N
ClientSampleId :
TT189D1-HYD-20240910

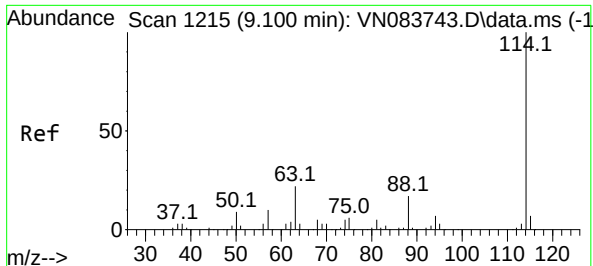
Tgt Ion:168 Resp: 161054
Ion Ratio Lower Upper
168 100
99 67.6 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.136 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

Tgt Ion: 65 Resp: 124183
Ion Ratio Lower Upper
65 100
67 49.4 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: VN083936.D

Acq: 17 Sep 2024 11:30

Instrument :

MSVOA_N

ClientSampleId :

TT189D1-HYD-20240910

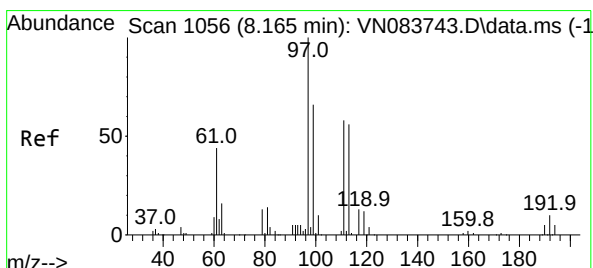
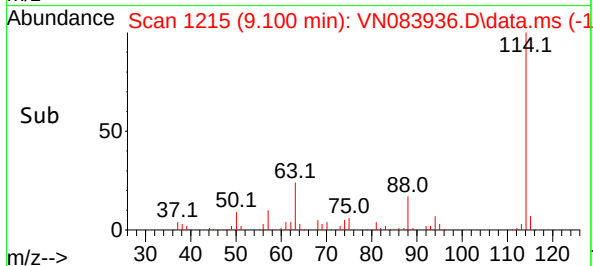
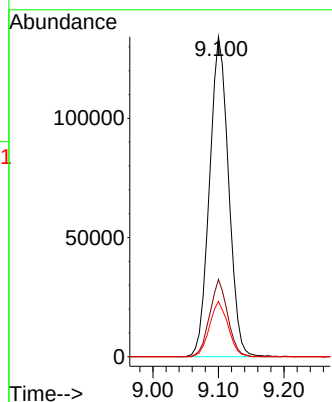
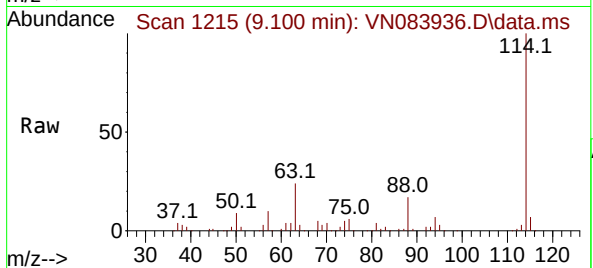
Tgt Ion:114 Resp: 271030

Ion Ratio Lower Upper

114 100

63 24.1 0.0 43.4

88 17.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.511 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083936.D

Acq: 17 Sep 2024 11:30

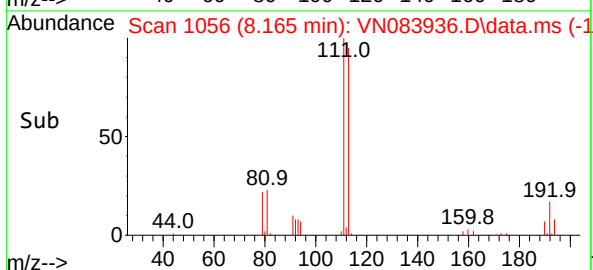
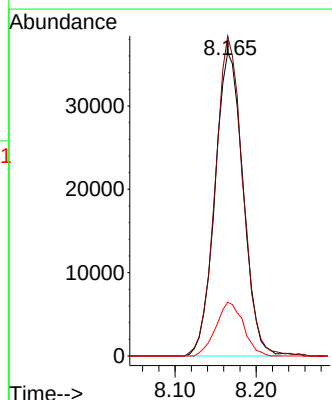
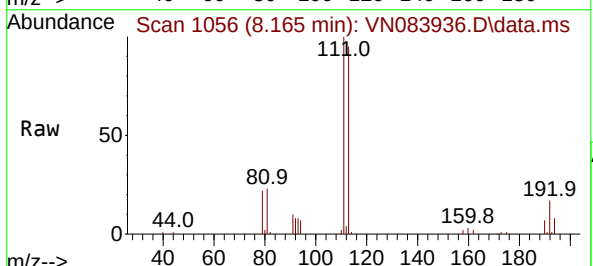
Tgt Ion:113 Resp: 87641

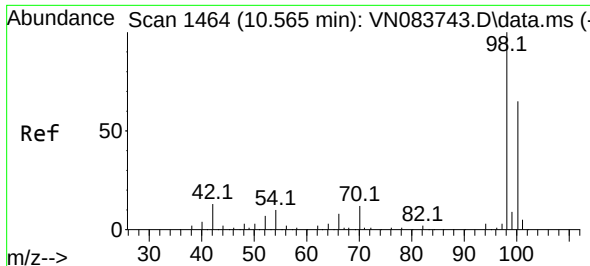
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 17.3 14.3 21.5

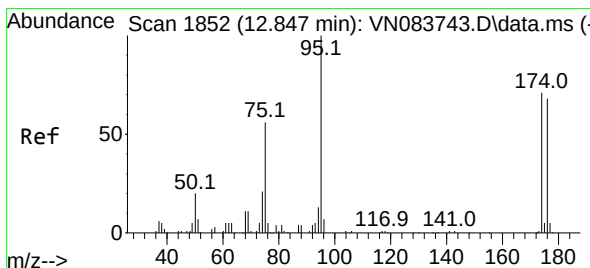
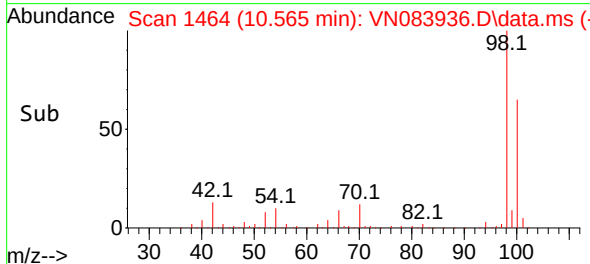
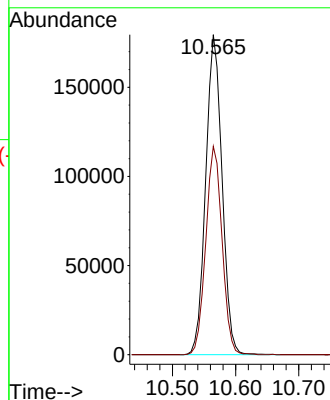
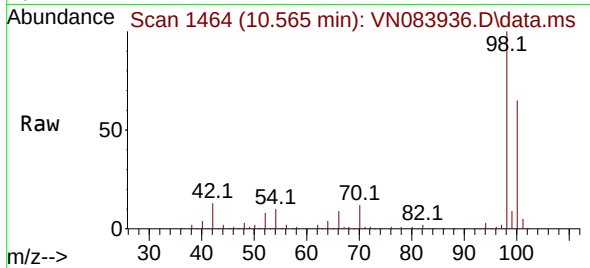




#50
Toluene-d8
Concen: 53.701 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

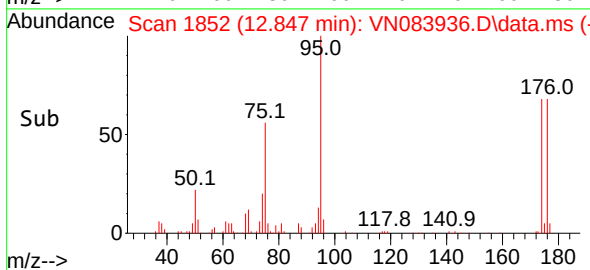
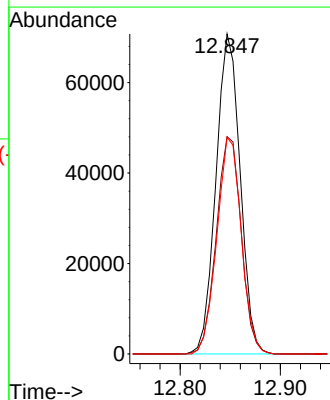
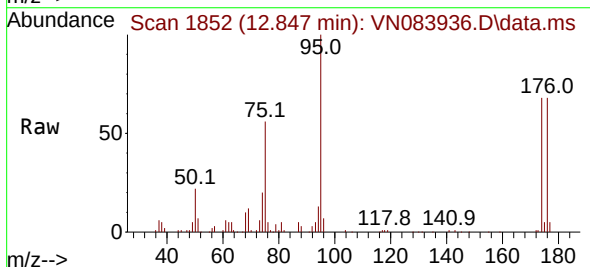
Instrument :
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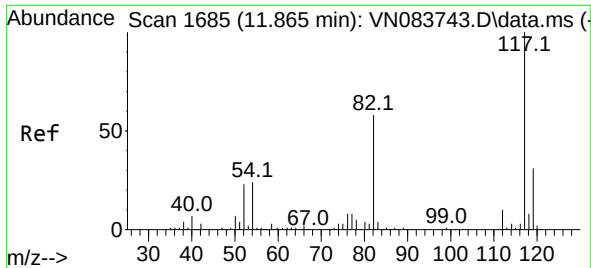
Tgt Ion: 98 Resp: 322118
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.885 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

Tgt Ion: 95 Resp: 118503
Ion Ratio Lower Upper
95 100
174 69.9 0.0 139.8
176 68.3 0.0 131.4

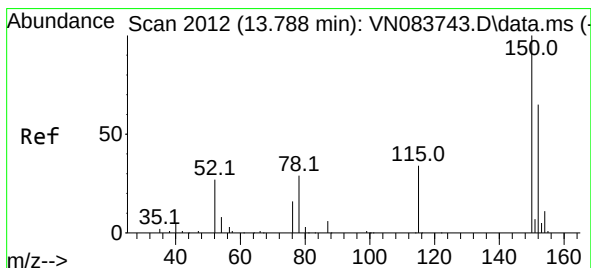
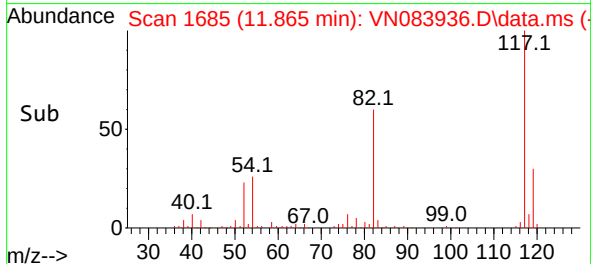
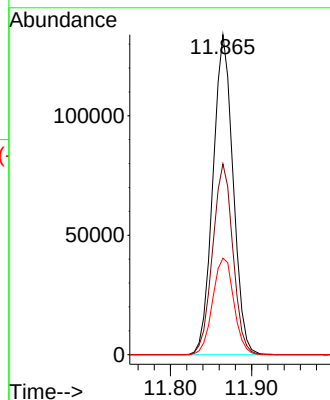
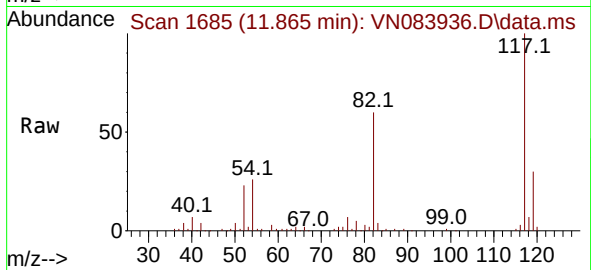




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083936.D
Acq: 17 Sep 2024 11:30

Instrument :
MSVOA_N
ClientSampleId :
TT189D1-HYD-20240910

Tgt Ion:117 Resp: 230805
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.0
119 30.1 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: VN083936.D
Acq: 17 Sep 2024 11:30

Tgt Ion:152 Resp: 95641
Ion Ratio Lower Upper
152 100
115 63.6 32.2 96.6
150 158.2 0.0 348.6

