

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083908.D
 Acq On : 16 Sep 2024 10:52
 Operator : JC\MD
 Sample : VN0916WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBL01

Quant Time: Sep 17 02:27:55 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	145528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	252486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88241	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114299	52.088	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.180%
35) Dibromofluoromethane	8.165	113	81750	50.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.160%
50) Toluene-d8	10.565	98	303803	54.368	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.740%
62) 4-Bromofluorobenzene	12.847	95	101318	43.947	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.900%

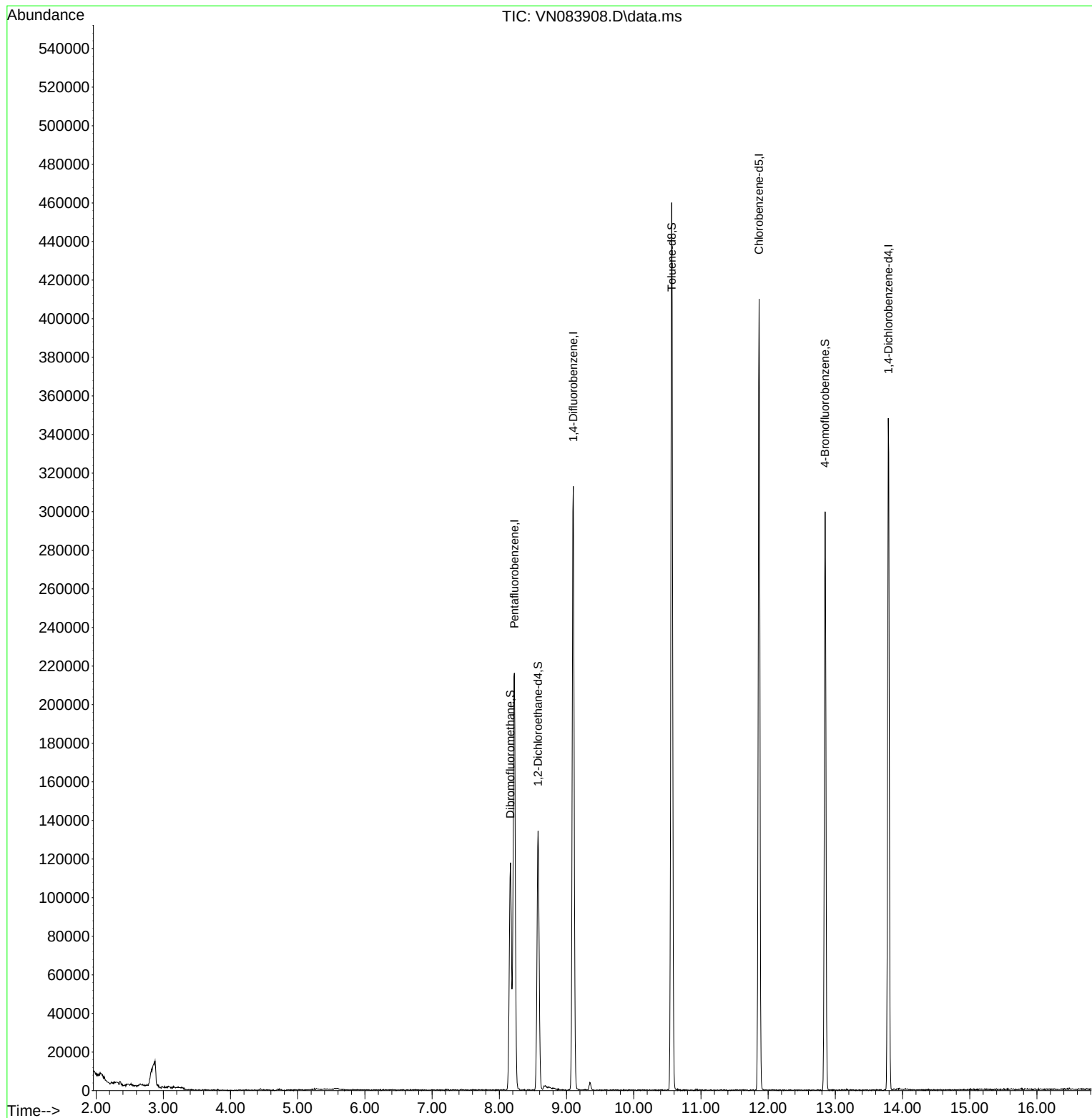
Target Compounds	Qvalue

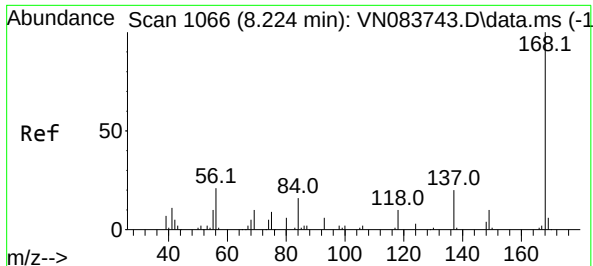
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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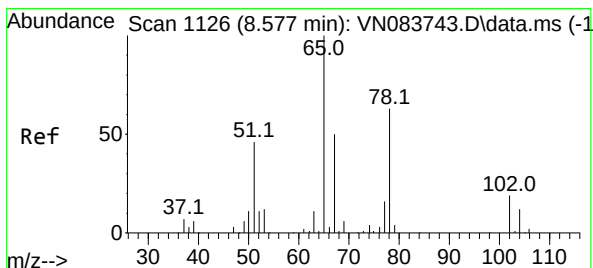
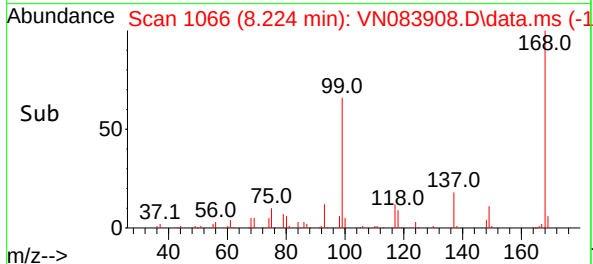
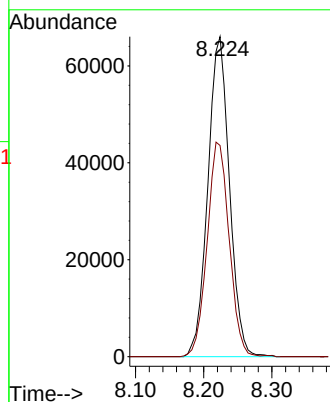
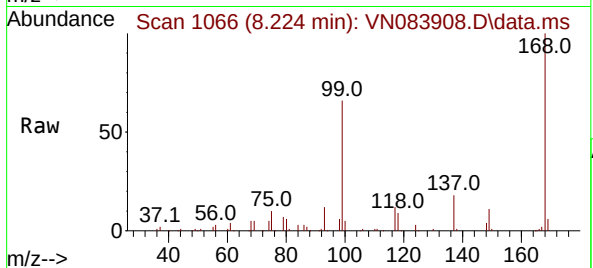




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

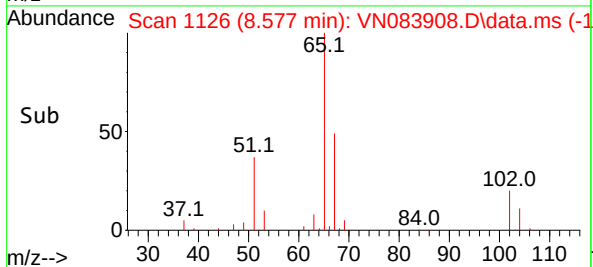
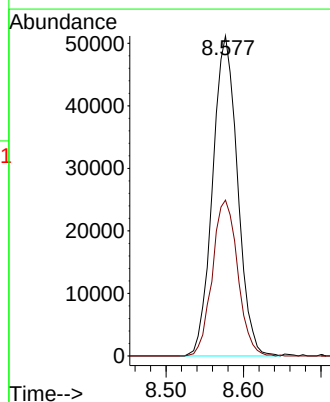
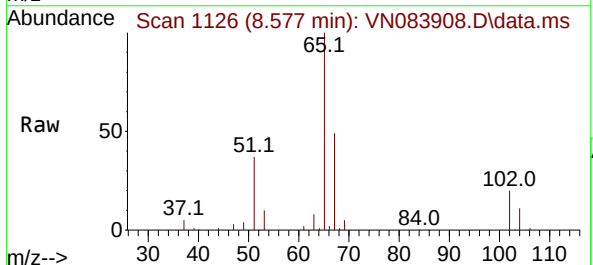
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

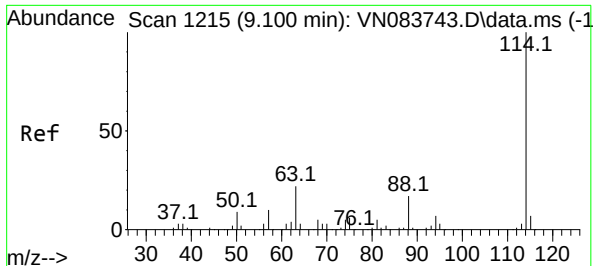
Tgt Ion:168 Resp: 145528
Ion Ratio Lower Upper
168 100
99 66.0 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 52.088 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

Tgt Ion: 65 Resp: 114299
Ion Ratio Lower Upper
65 100
67 49.6 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: VN083908.D

Acq: 16 Sep 2024 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBL01

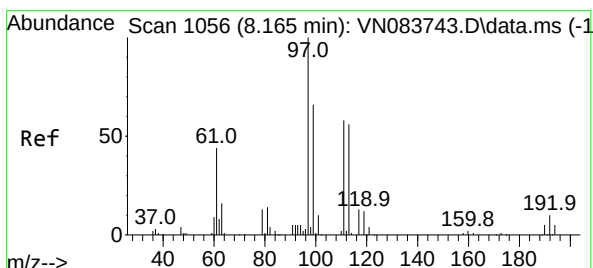
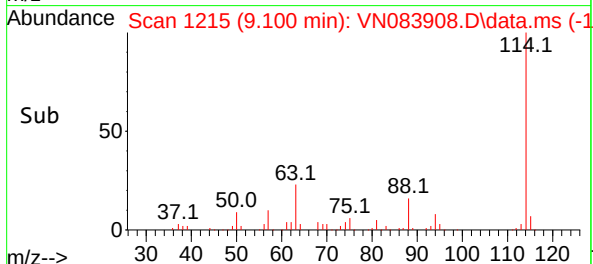
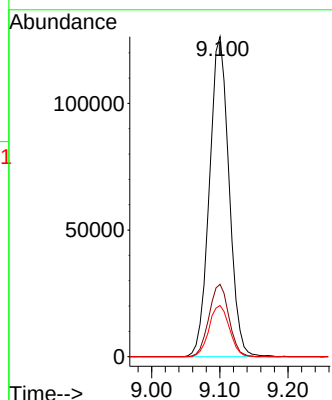
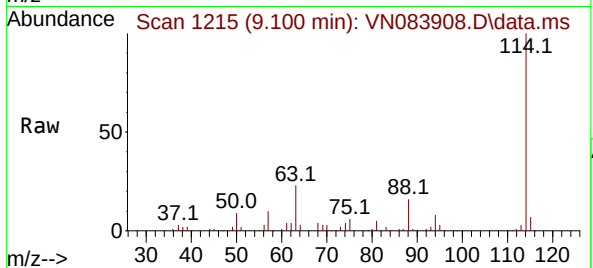
Tgt Ion:114 Resp: 252486

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.576 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083908.D

Acq: 16 Sep 2024 10:52

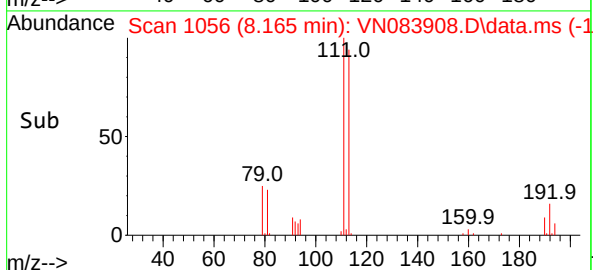
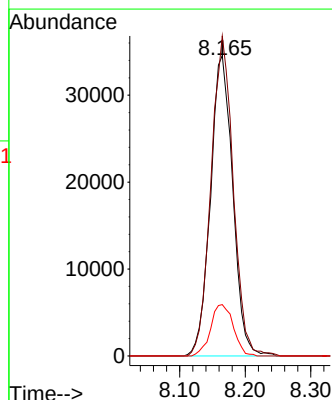
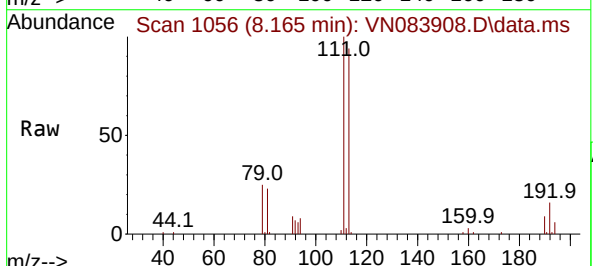
Tgt Ion:113 Resp: 81750

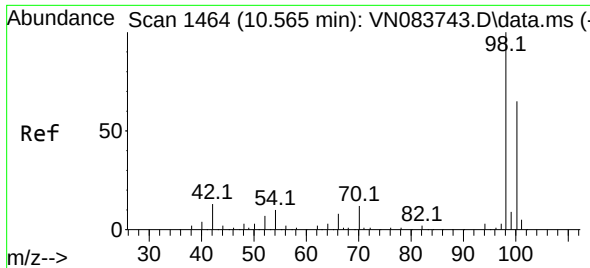
Ion Ratio Lower Upper

113 100

111 105.8 82.6 124.0

192 17.4 14.3 21.5

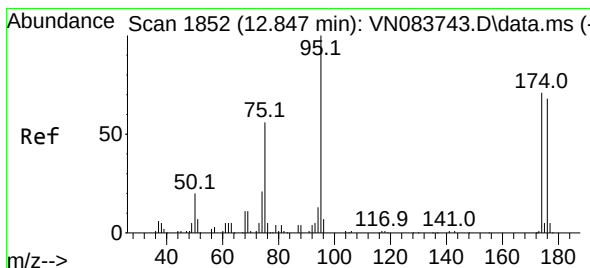
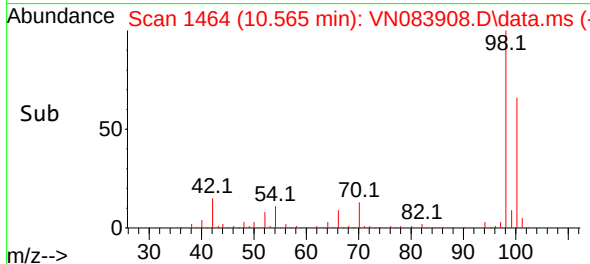
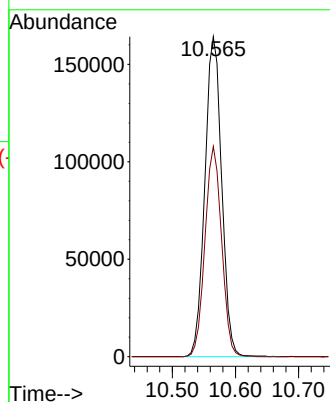
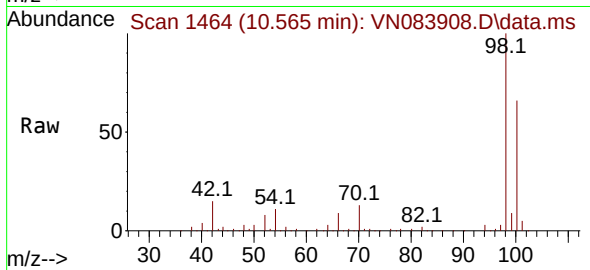




#50
Toluene-d8
Concen: 54.368 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

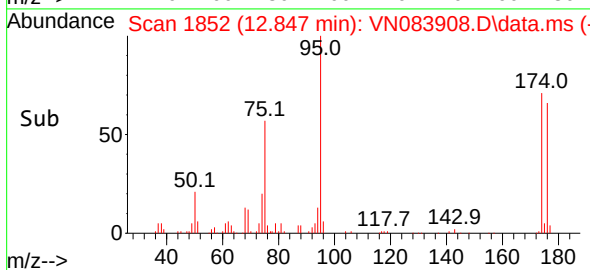
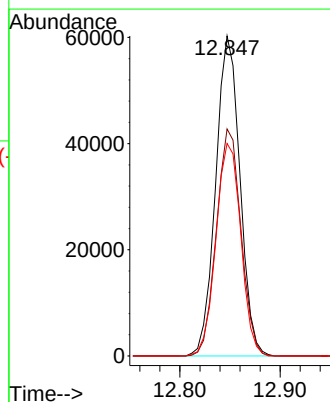
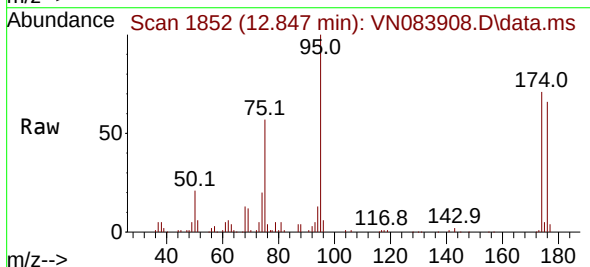
Instrument :
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VN0916WBL01

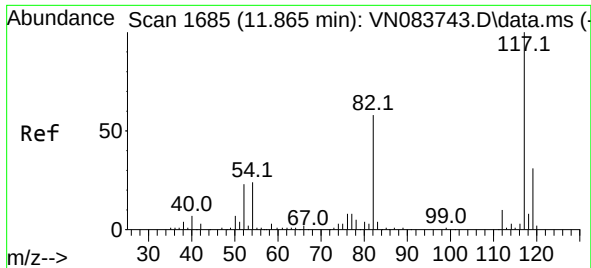
Tgt Ion: 98 Resp: 303803
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.947 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

Tgt Ion: 95 Resp: 101318
Ion Ratio Lower Upper
95 100
174 71.9 0.0 139.8
176 68.0 0.0 131.4

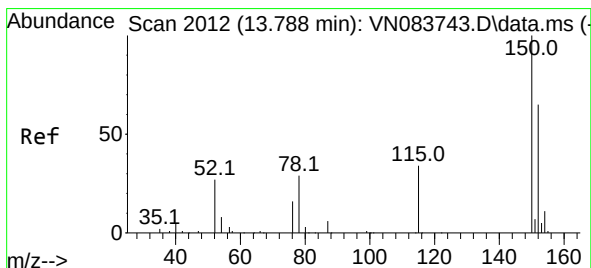
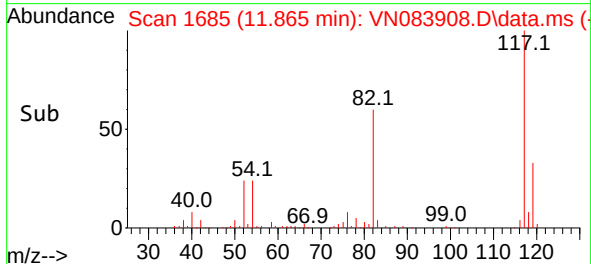
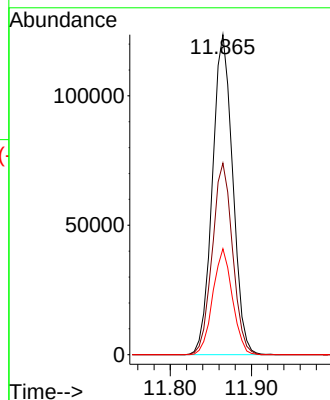
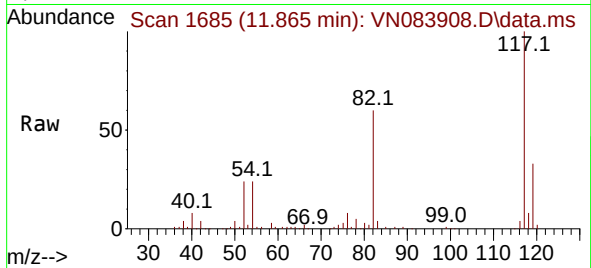




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083908.D
Acq: 16 Sep 2024 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL01

Tgt Ion:117 Resp: 214846
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.0
119 33.1 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: VN083908.D
Acq: 16 Sep 2024 10:52

Tgt Ion:152 Resp: 88241
Ion Ratio Lower Upper
152 100
115 64.2 32.2 96.6
150 156.7 0.0 348.6

