

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085757.D
 Acq On : 11 Feb 2025 20:01
 Operator : JC\MD
 Sample : Q1355-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW1

Quant Time: Feb 11 23:25:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	221059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	428549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	364831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137580	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	187184	52.457	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.920%
35) Dibromofluoromethane	8.165	113	151422	50.931	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.860%
50) Toluene-d8	10.565	98	513434	48.606	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.220%
62) 4-Bromofluorobenzene	12.847	95	143879	39.818	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	79.640%

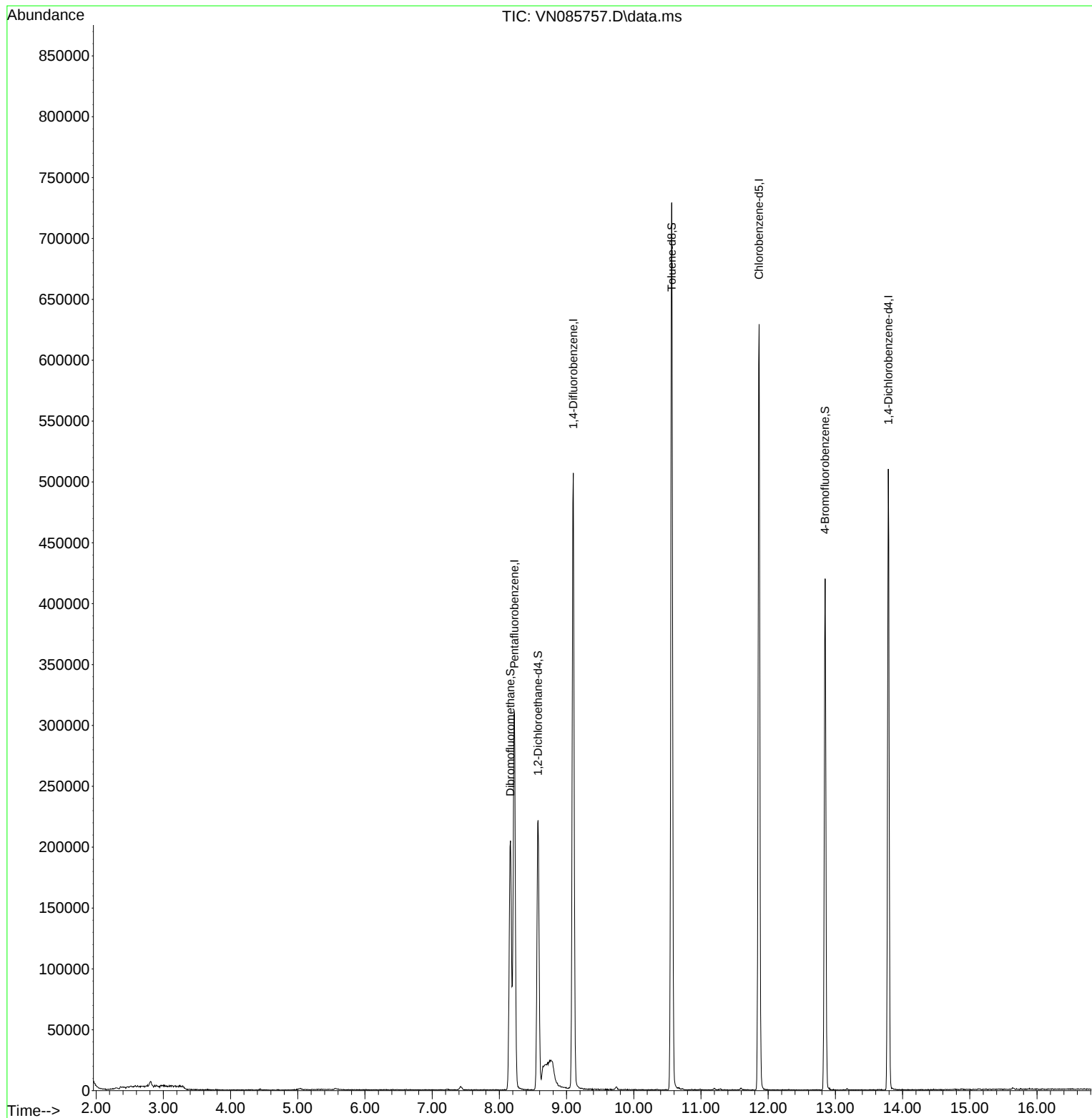
Target Compounds	Qvalue

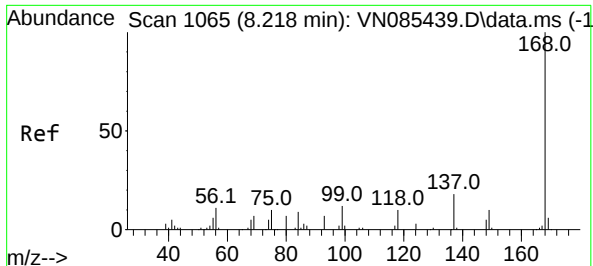
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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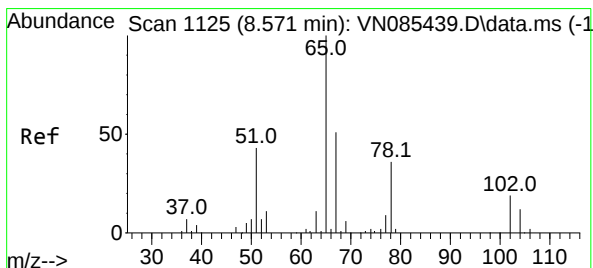
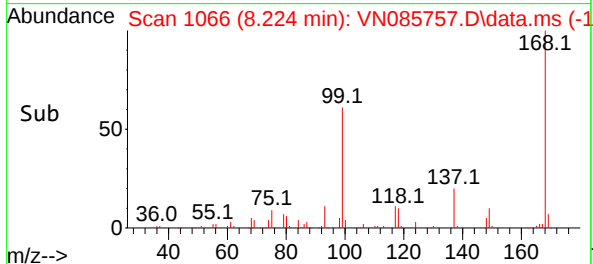
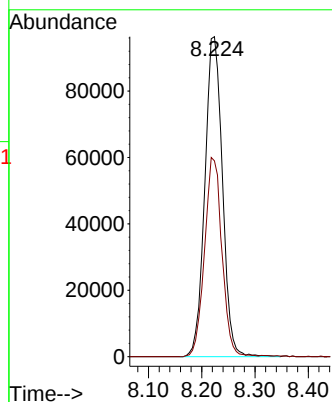
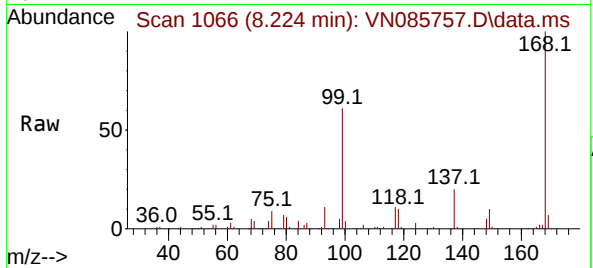




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN085757.D
Acq: 11 Feb 2025 20:01

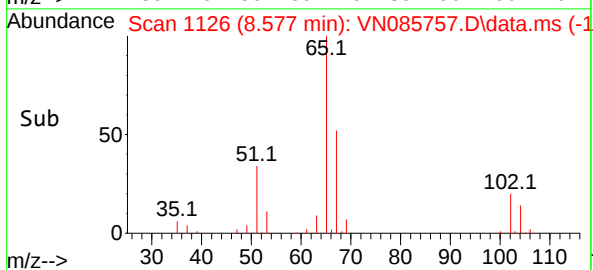
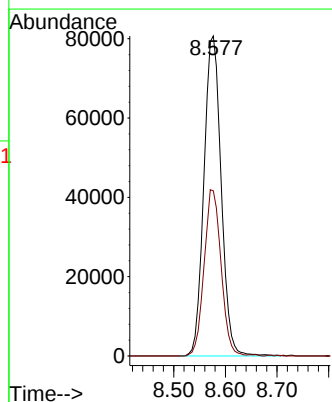
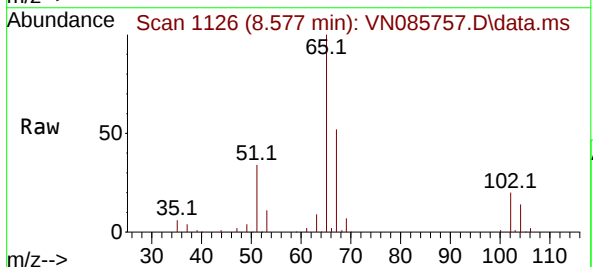
Instrument :
MSVOA_N
ClientSampleId :
RW1

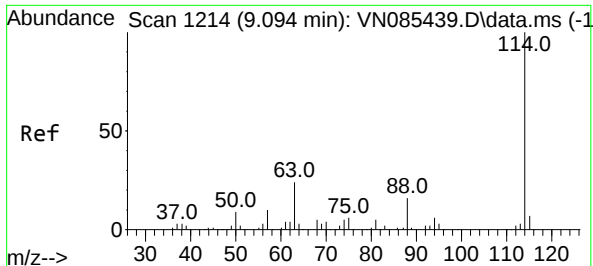
Tgt Ion:168 Resp: 221059
Ion Ratio Lower Upper
168 100
99 61.2 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 52.457 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085757.D
Acq: 11 Feb 2025 20:01

Tgt Ion: 65 Resp: 187184
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085757.D

Acq: 11 Feb 2025 20:01

Instrument :

MSVOA_N

ClientSampleId :

RW1

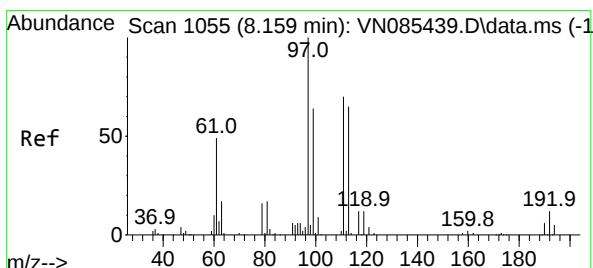
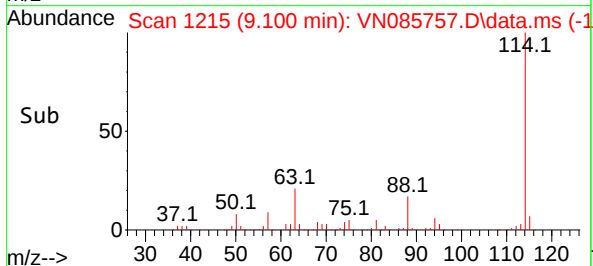
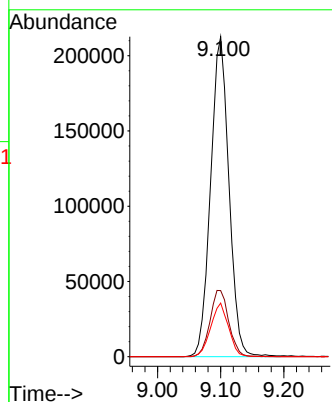
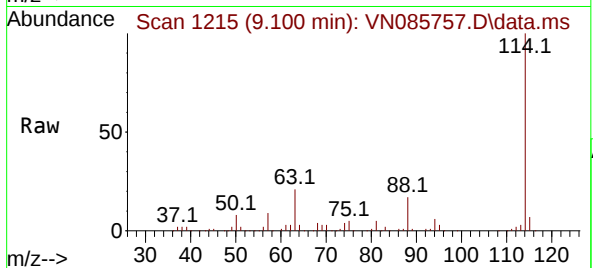
Tgt Ion:114 Resp: 428549

Ion Ratio Lower Upper

114 100

63 20.7 0.0 47.6

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.931 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085757.D

Acq: 11 Feb 2025 20:01

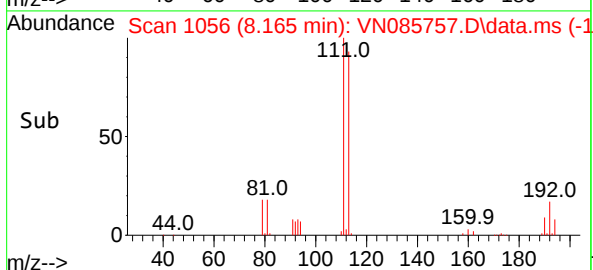
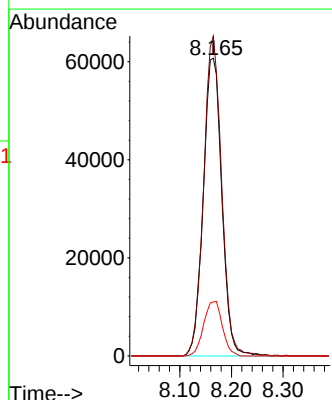
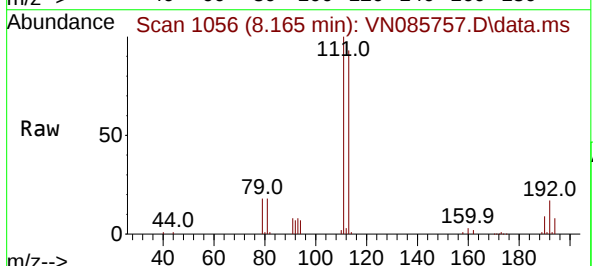
Tgt Ion:113 Resp: 151422

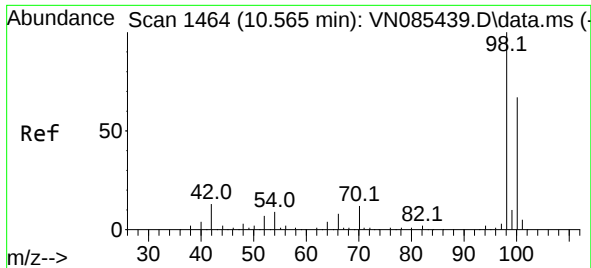
Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

192 18.5 14.3 21.5

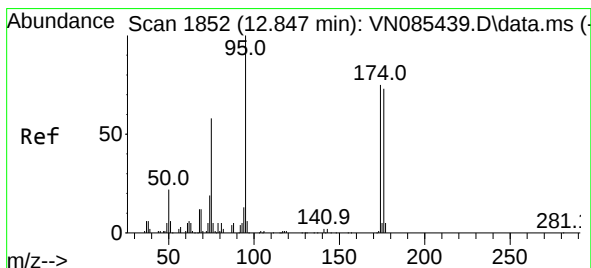
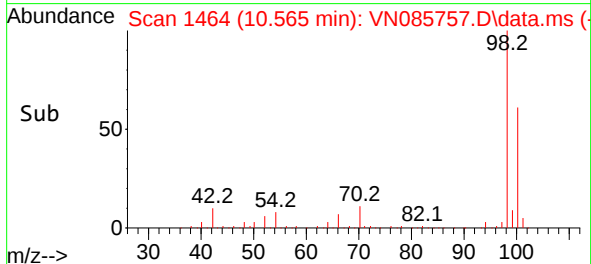
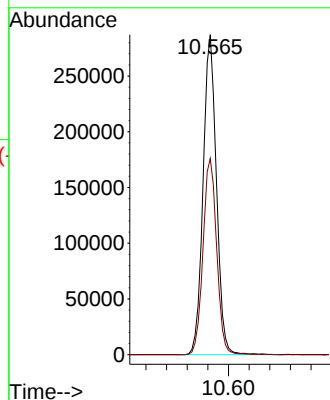
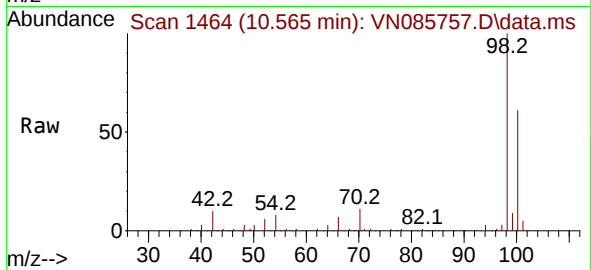




#50
Toluene-d8
Concen: 48.606 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085757.D
Acq: 11 Feb 2025 20:01

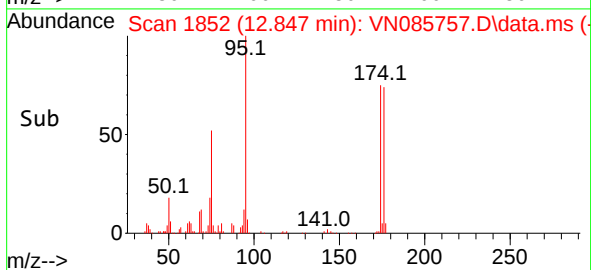
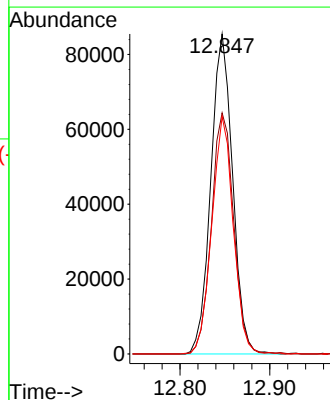
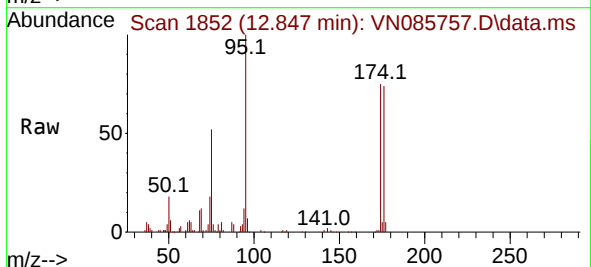
Instrument :
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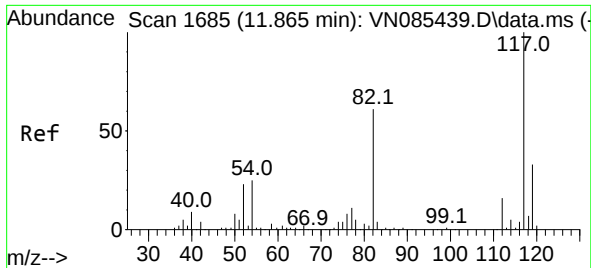
Tgt Ion: 98 Resp: 513434
Ion Ratio Lower Upper
98 100
100 62.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 39.818 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085757.D
Acq: 11 Feb 2025 20:01

Tgt Ion: 95 Resp: 143879
Ion Ratio Lower Upper
95 100
174 77.4 0.0 145.0
176 73.4 0.0 142.4

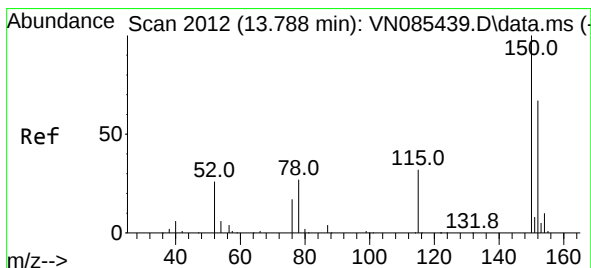
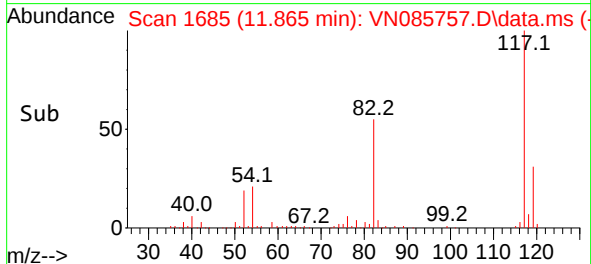
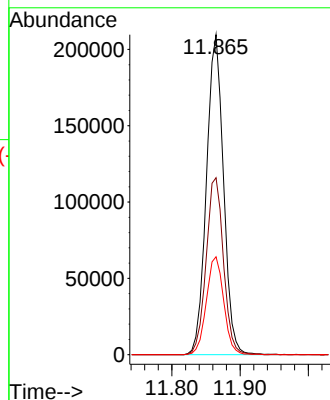
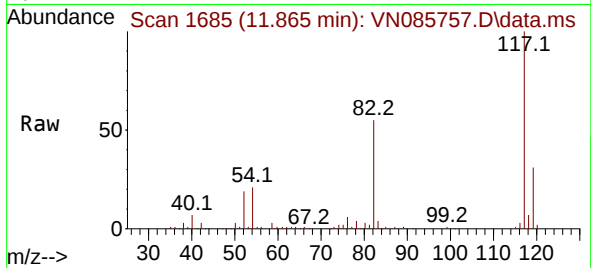




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085757.D
Acq: 11 Feb 2025 20:01

Instrument :
MSVOA_N
ClientSampleId :
RW1

Tgt Ion:117 Resp: 364831
Ion Ratio Lower Upper
117 100
82 55.3 48.6 72.8
119 30.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085757.D
Acq: 11 Feb 2025 20:01

Tgt Ion:152 Resp: 137580
Ion Ratio Lower Upper
152 100
115 59.6 31.1 93.3
150 156.2 0.0 343.6

