

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085647.D
 Acq On : 04 Feb 2025 12:31
 Operator : JC\MD
 Sample : VN0204WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBL01

Quant Time: Feb 05 01:02:52 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	197983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	379434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132287	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159588	49.936	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.880%
35) Dibromofluoromethane	8.165	113	132313	50.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.520%
50) Toluene-d8	10.565	98	460162	49.201	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.847	95	141527	44.237	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.480%

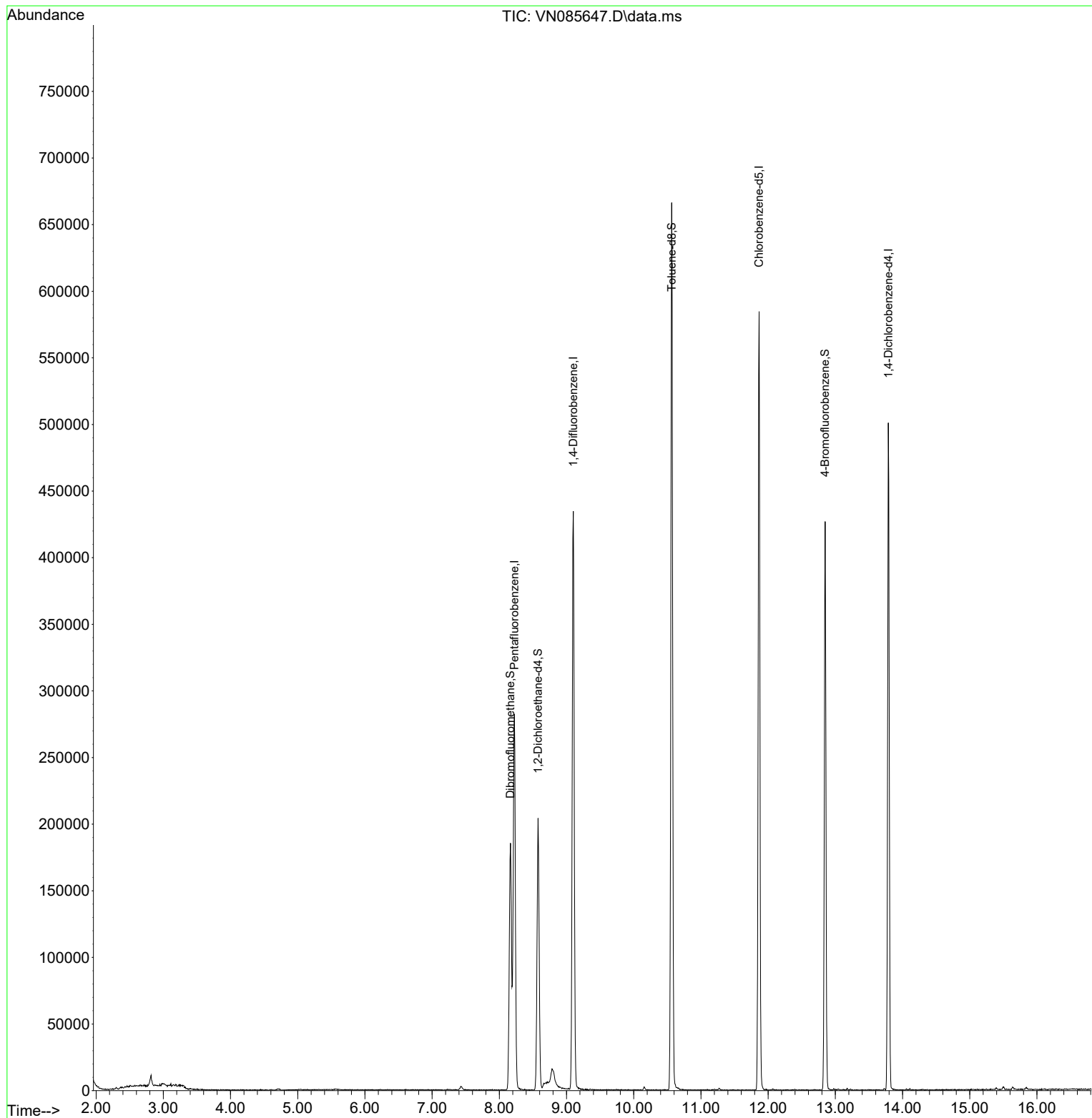
Target Compounds	Qvalue

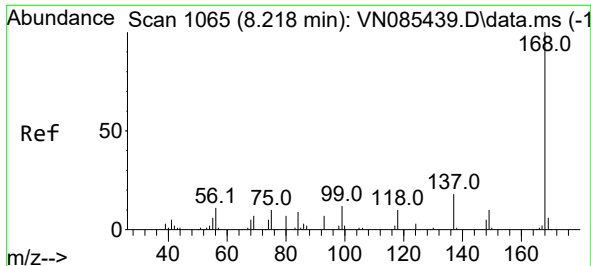
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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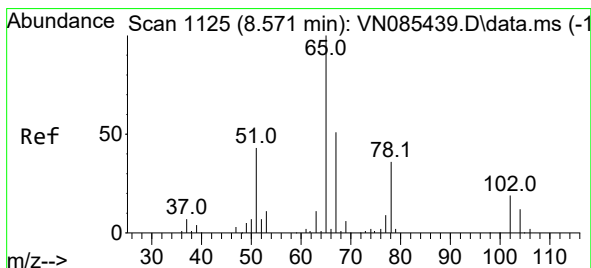
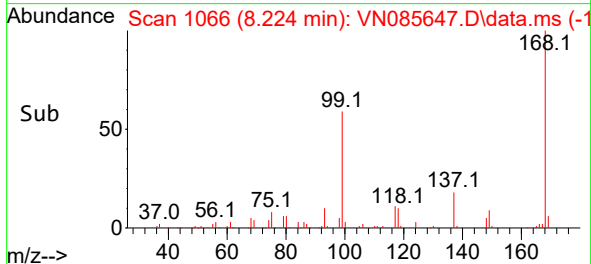
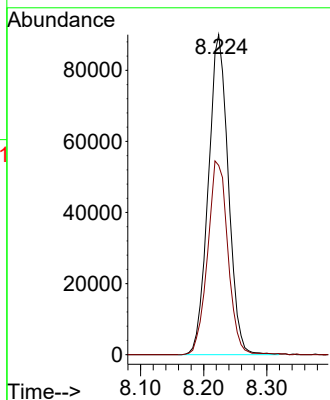
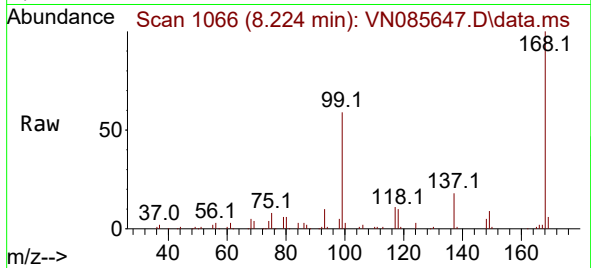




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

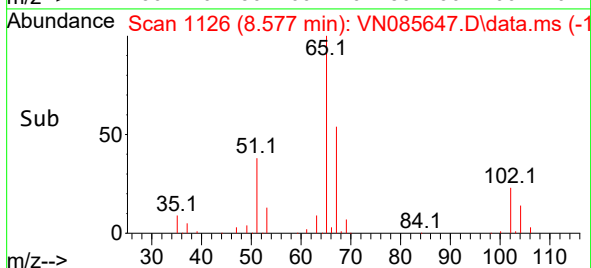
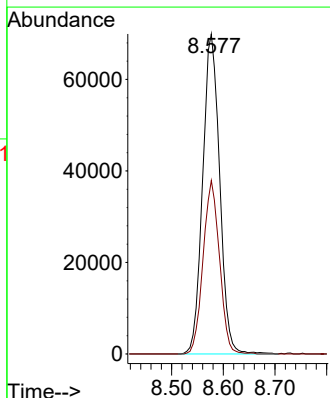
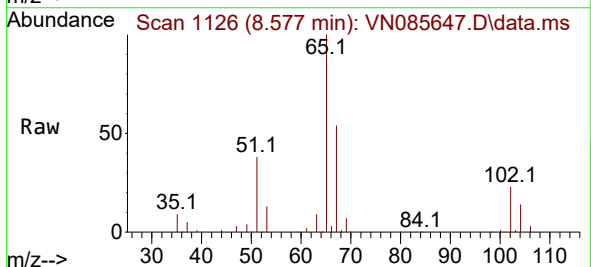
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBL01

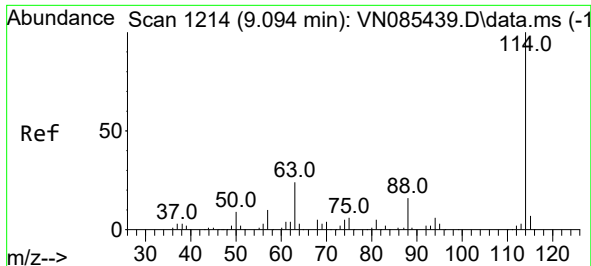
Tgt Ion:168 Resp: 197983
Ion Ratio Lower Upper
168 100
99 59.2 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 49.936 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

Tgt Ion: 65 Resp: 159588
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085647.D

Acq: 04 Feb 2025 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBL01

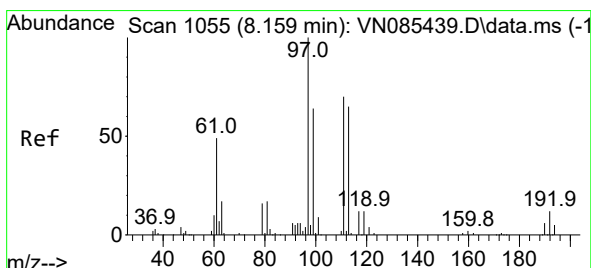
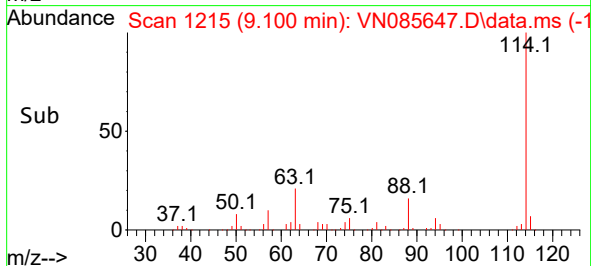
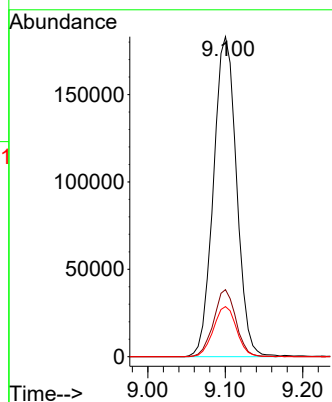
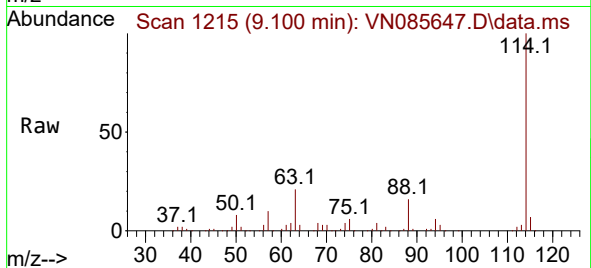
Tgt Ion:114 Resp: 379434

Ion Ratio Lower Upper

114 100

63 21.0 0.0 47.6

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.264 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085647.D

Acq: 04 Feb 2025 12:31

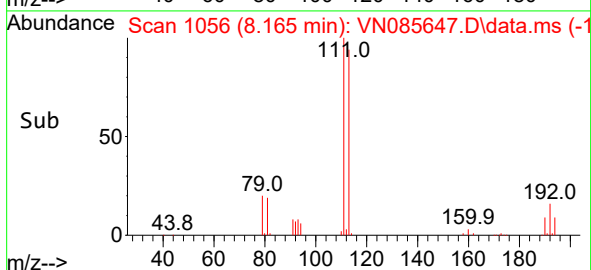
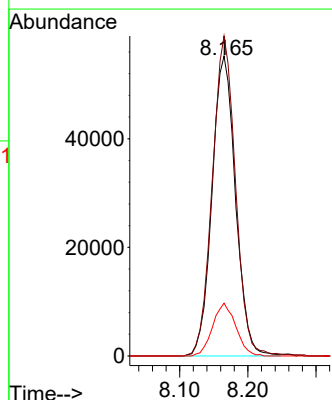
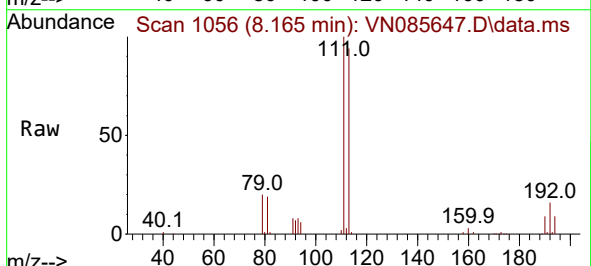
Tgt Ion:113 Resp: 132313

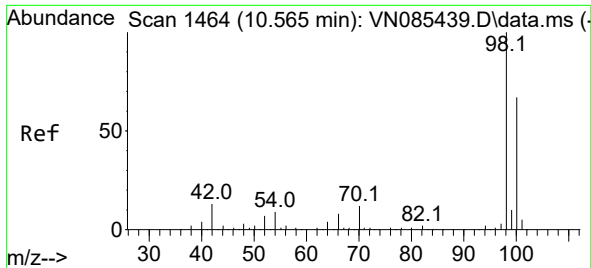
Ion Ratio Lower Upper

113 100

111 105.6 82.7 124.1

192 17.4 14.3 21.5

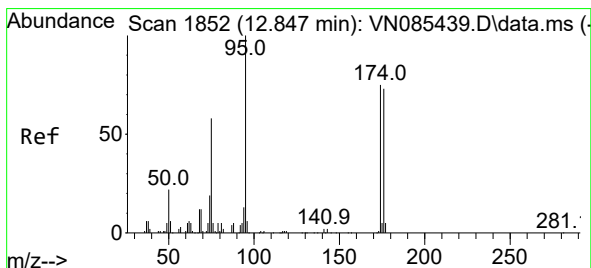
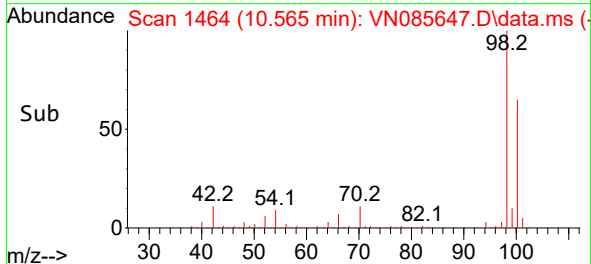
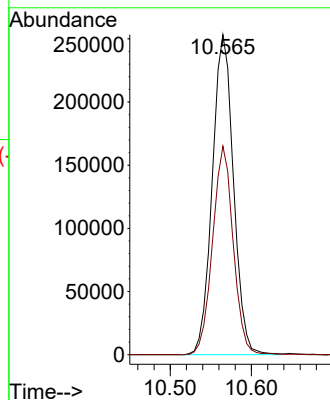
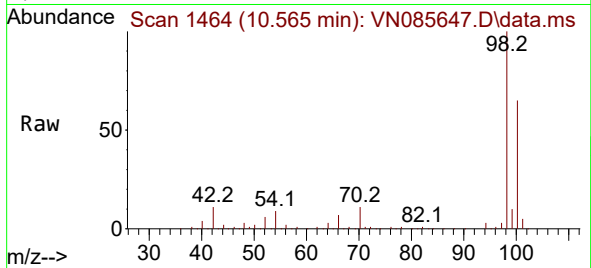




#50
Toluene-d8
Concen: 49.201 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

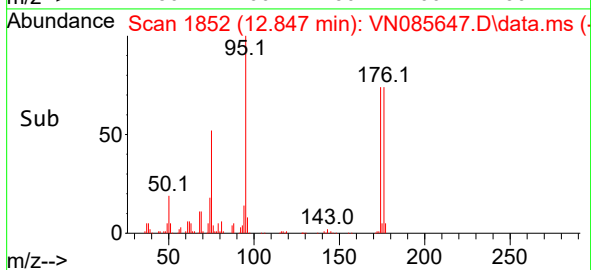
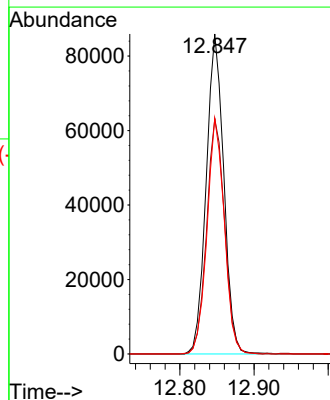
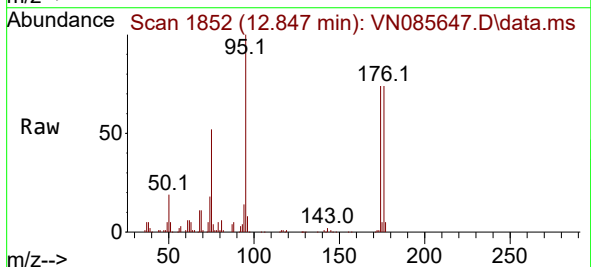
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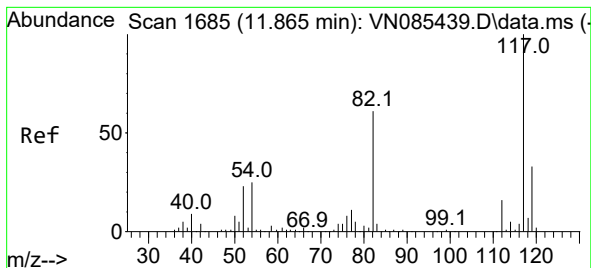
Tgt Ion: 98 Resp: 460162
Ion Ratio Lower Upper
98 100
100 63.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.237 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085647.D
Acq: 04 Feb 2025 12:31

Tgt Ion: 95 Resp: 141527
Ion Ratio Lower Upper
95 100
174 75.4 0.0 145.0
176 72.4 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085647.D

Acq: 04 Feb 2025 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBL01

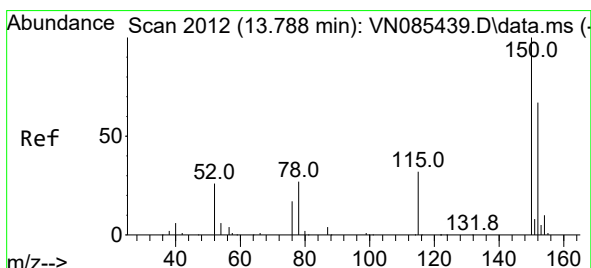
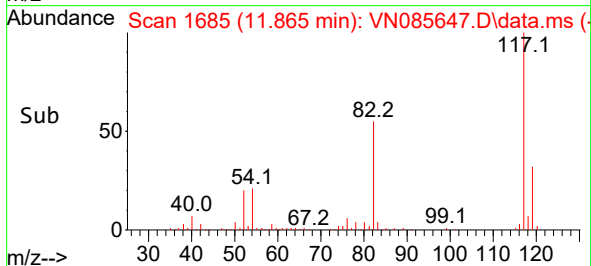
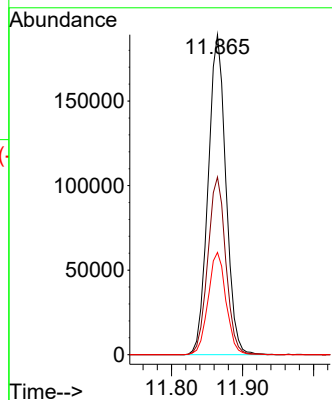
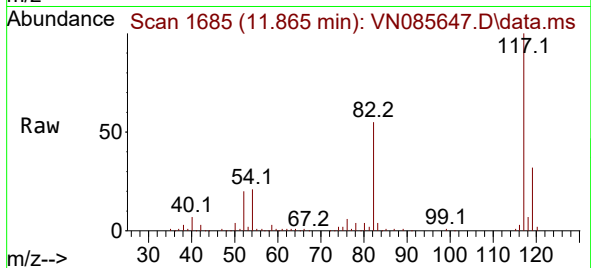
Tgt Ion:117 Resp: 328690

Ion Ratio Lower Upper

117 100

82 55.5 48.6 72.8

119 31.9 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: VN085647.D

Acq: 04 Feb 2025 12:31

Tgt Ion:152 Resp: 132287

Ion Ratio Lower Upper

152 100

115 61.9 31.1 93.3

150 156.8 0.0 343.6

