

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085667.D
 Acq On : 05 Feb 2025 10:22
 Operator : JC\MD
 Sample : VN0205MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205MBL01

Quant Time: Feb 06 00:36:32 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	8.218	168	193569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	360849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128696	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146203	46.791	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.580%
35) Dibromofluoromethane	8.165	113	124341	49.669	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.340%
50) Toluene-d8	10.565	98	441659	49.655	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.847	95	127120	41.780	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	83.560%

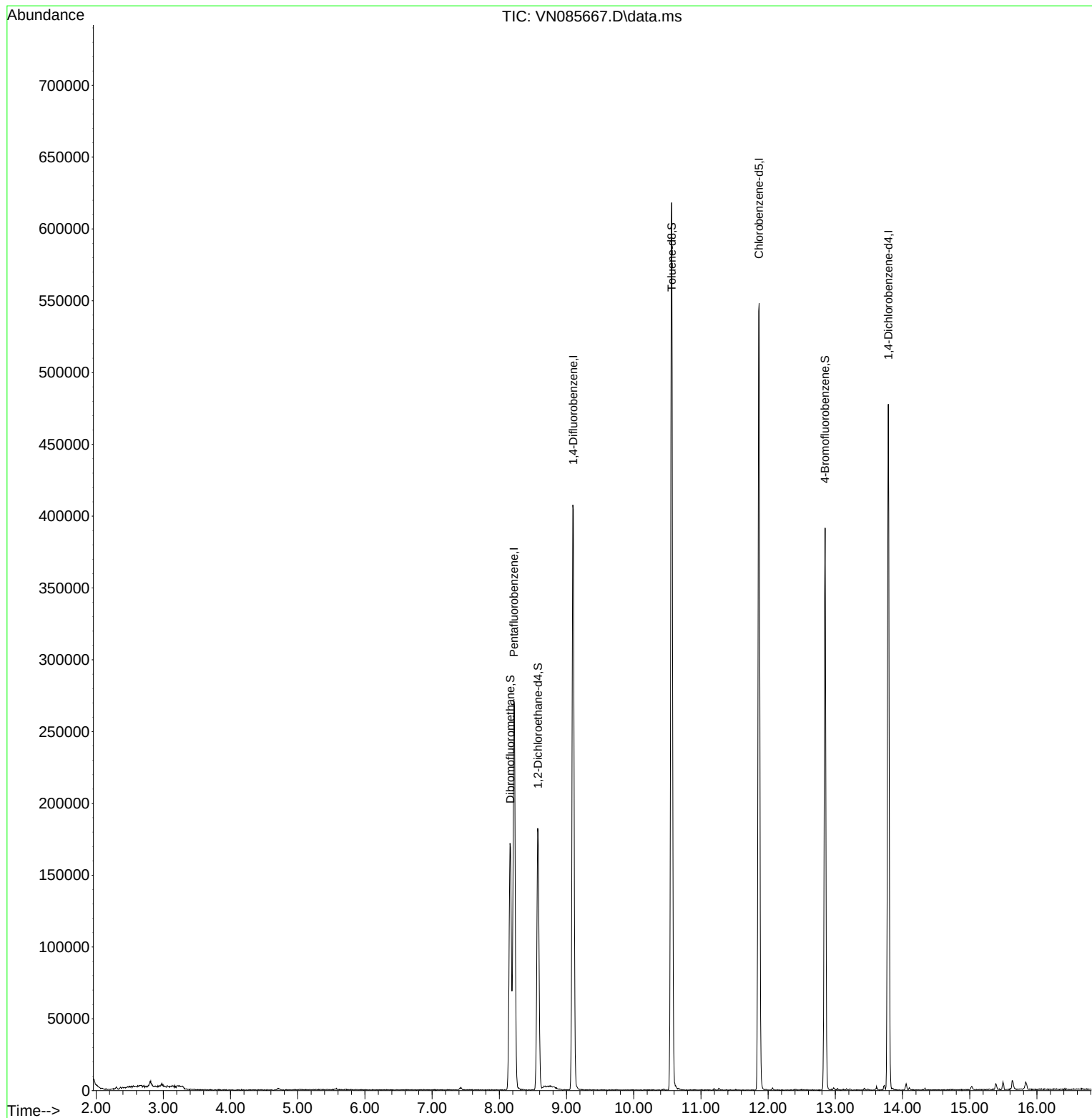
Target Compounds	Qvalue

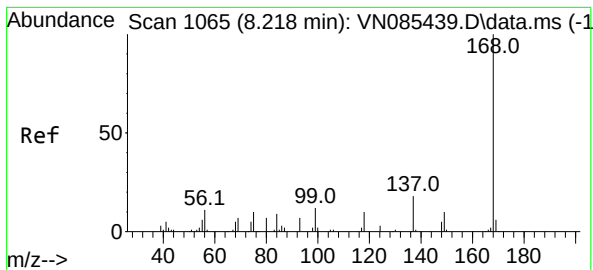
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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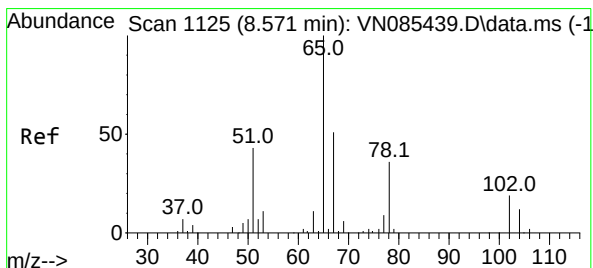
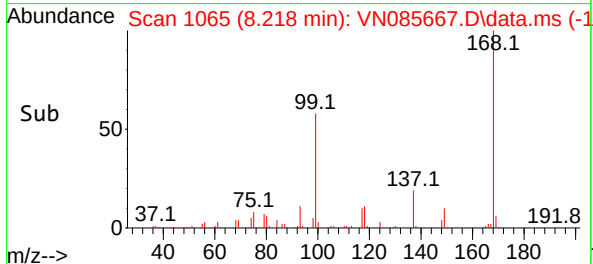
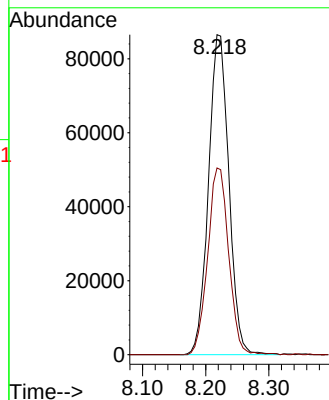
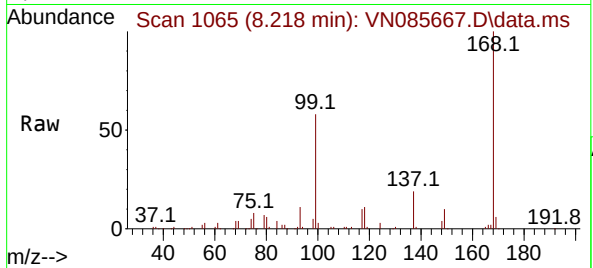




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085667.D
Acq: 05 Feb 2025 10:22

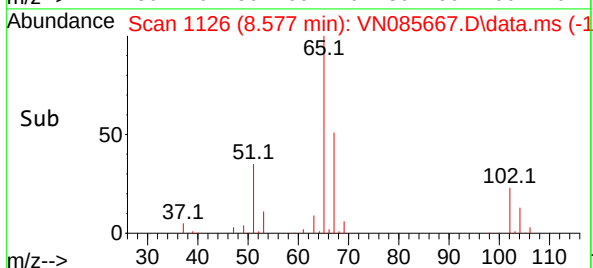
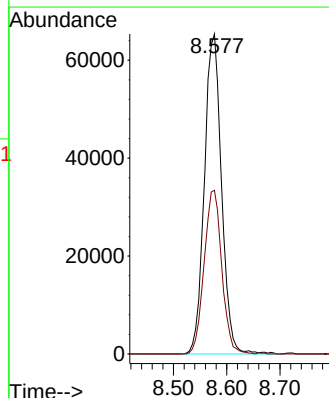
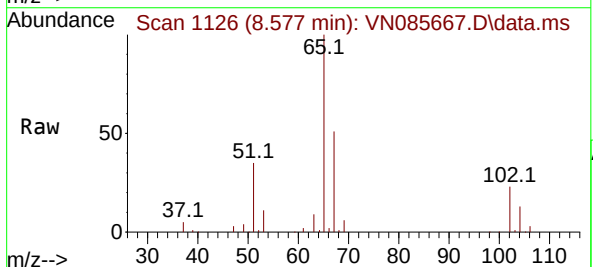
Instrument :
MSVOA_N
ClientSampleId :
VN0205MBL01

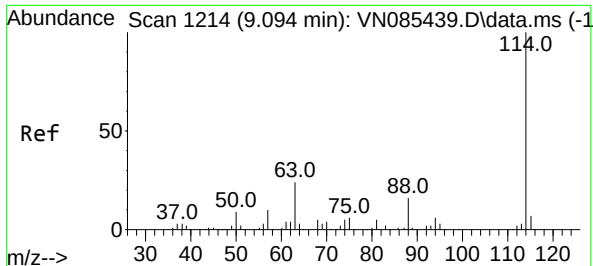
Tgt Ion:168 Resp: 193569
Ion Ratio Lower Upper
168 100
99 58.3 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 46.791 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085667.D
Acq: 05 Feb 2025 10:22

Tgt Ion: 65 Resp: 146203
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.6

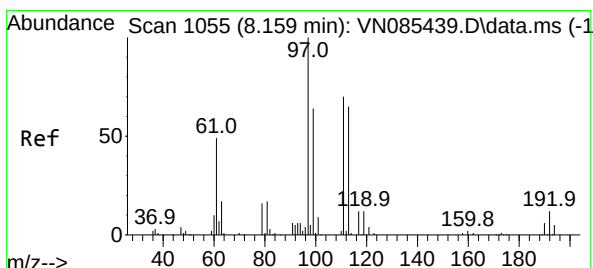
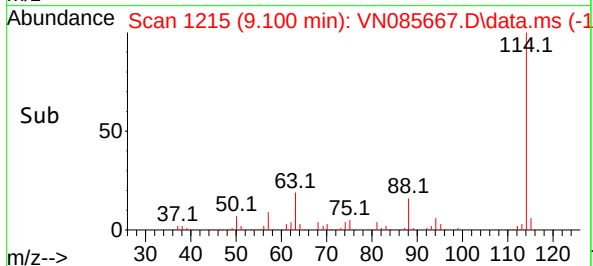
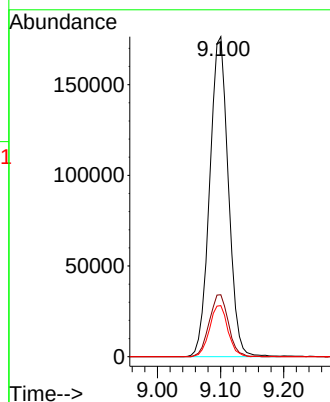
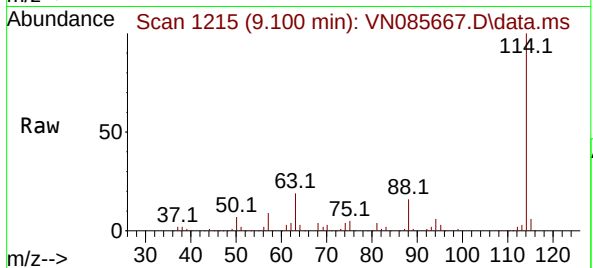




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085667.D
Acq: 05 Feb 2025 10:22

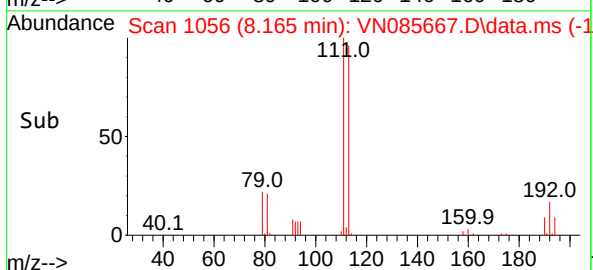
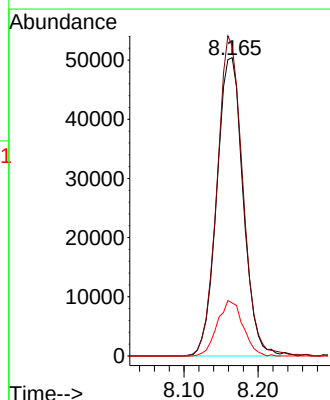
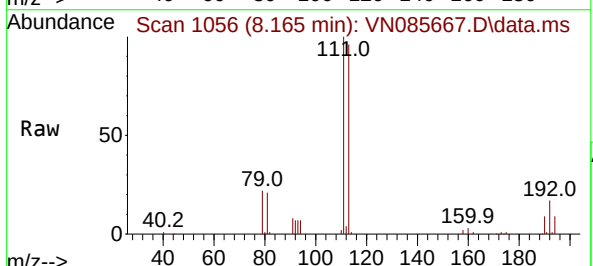
Instrument :
MSVOA_N
ClientSampleId :
VN0205MBL01

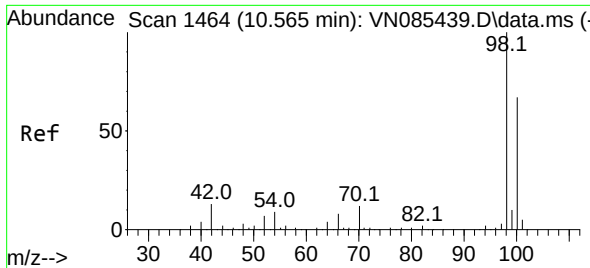
Tgt Ion:114 Resp: 360849
Ion Ratio Lower Upper
114 100
63 19.3 0.0 47.6
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.669 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085667.D
Acq: 05 Feb 2025 10:22

Tgt Ion:113 Resp: 124341
Ion Ratio Lower Upper
113 100
111 104.7 82.7 124.1
192 18.1 14.3 21.5

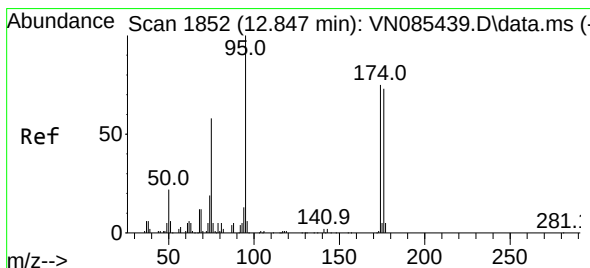
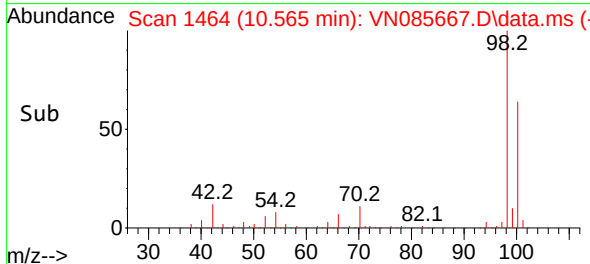
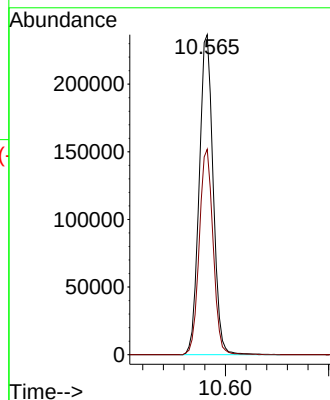
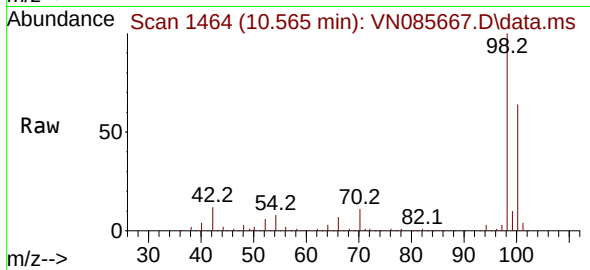




#50
Toluene-d8
Concen: 49.655 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085667.D
Acq: 05 Feb 2025 10:22

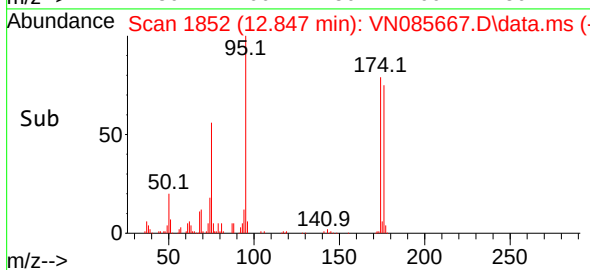
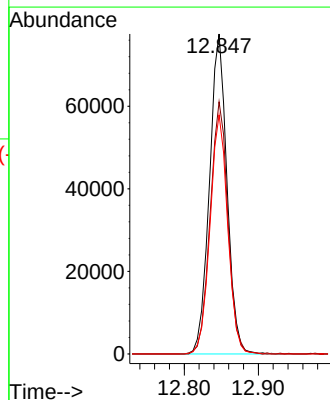
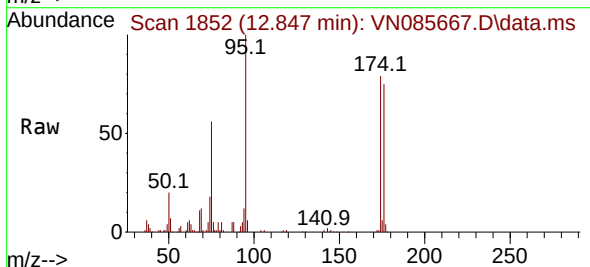
Instrument :
MSVOA_N
ClientSampleId :
VN0205MBL01

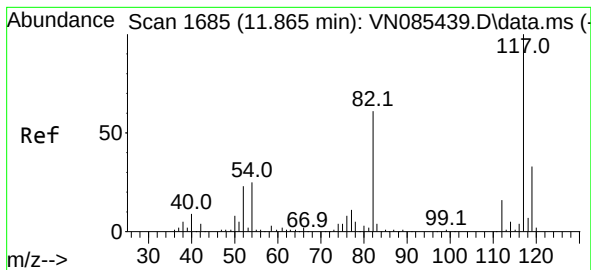
Tgt Ion: 98 Resp: 441659
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 41.780 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085667.D
Acq: 05 Feb 2025 10:22

Tgt Ion: 95 Resp: 127120
Ion Ratio Lower Upper
95 100
174 79.9 0.0 145.0
176 75.3 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: VN085667.D

Acq: 05 Feb 2025 10:22

Instrument :

MSVOA_N

ClientSampleId :

VN0205MBL01

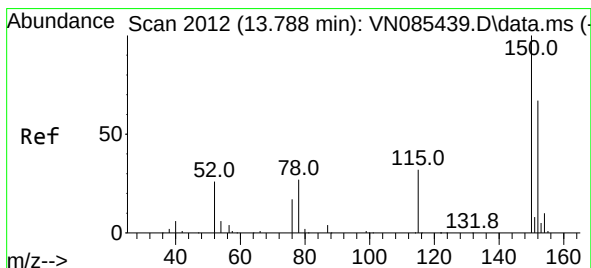
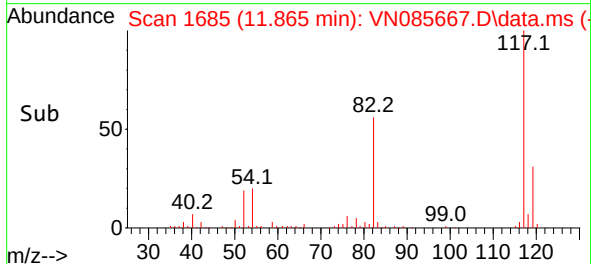
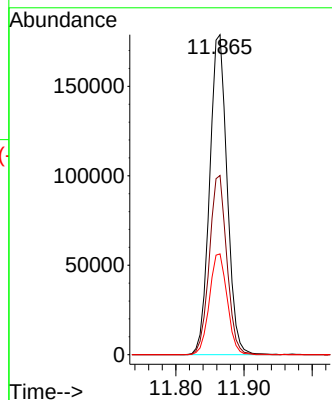
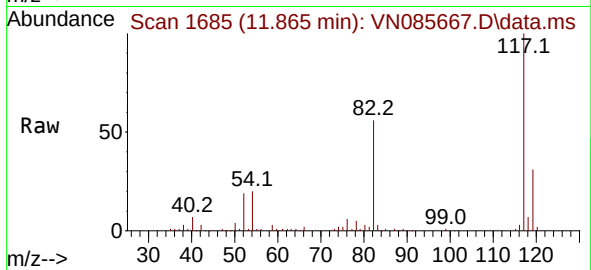
Tgt Ion:117 Resp: 318676

Ion Ratio Lower Upper

117 100

82 56.0 48.6 72.8

119 31.5 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: VN085667.D

Acq: 05 Feb 2025 10:22

Tgt Ion:152 Resp: 128696

Ion Ratio Lower Upper

152 100

115 61.1 31.1 93.3

150 158.6 0.0 343.6

