

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
 Data File : VN087249.D
 Acq On : 01 Jul 2025 09:59
 Operator : JC\MD
 Sample : VN0701MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBL01

Quant Time: Jul 02 01:57:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	180690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	333432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	120086	52.954	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.900%
35) Dibromofluoromethane	8.177	113	108642	50.886	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.780%
50) Toluene-d8	10.571	98	399711	48.032	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.847	95	134701	45.493	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.980%

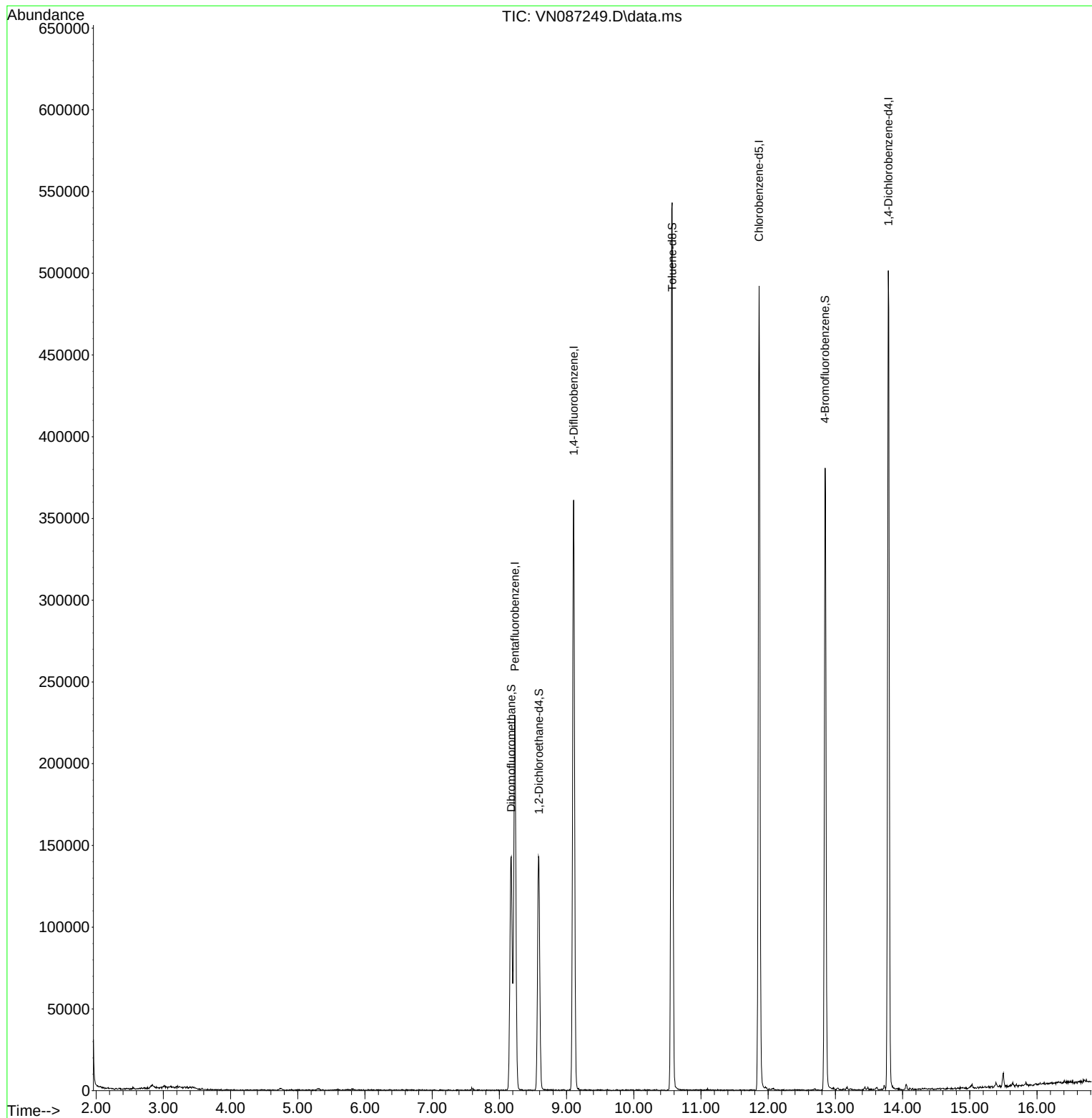
Target Compounds	Qvalue

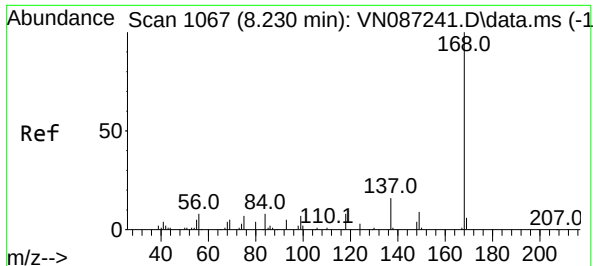
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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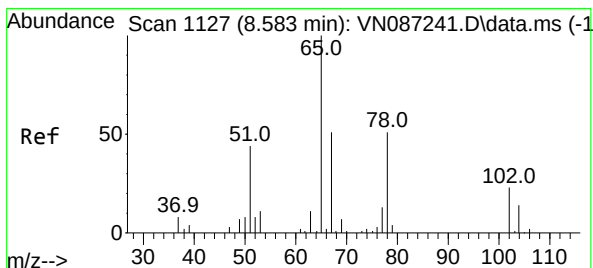
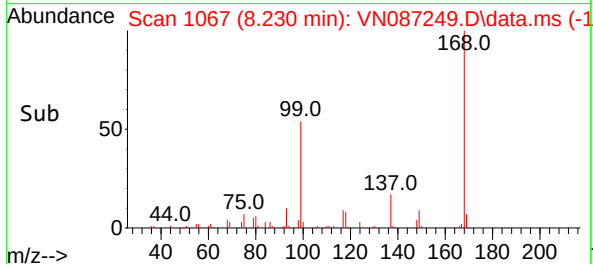
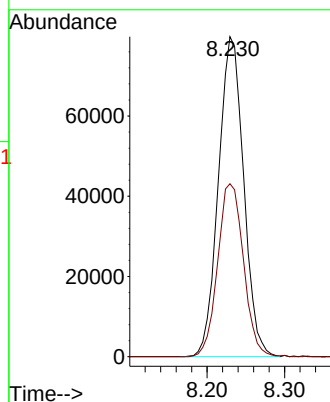
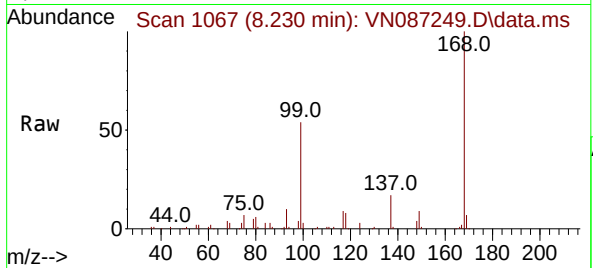




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

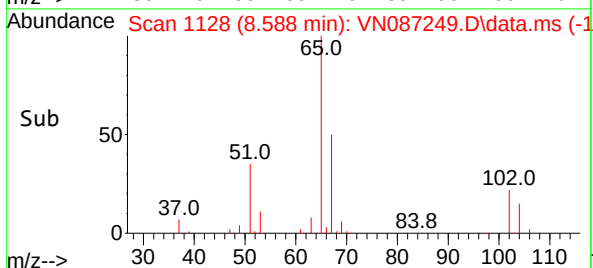
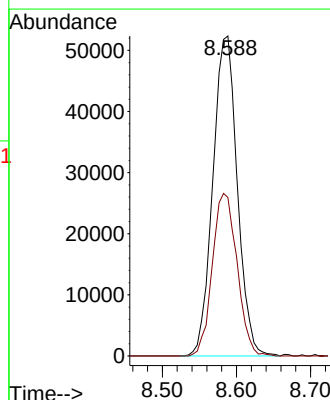
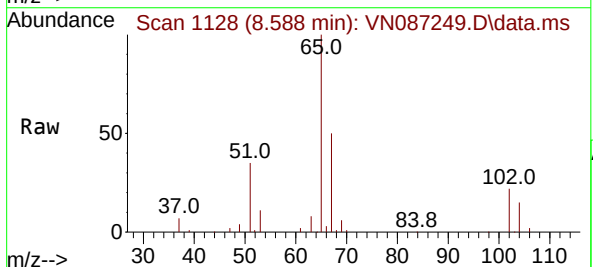
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBL01

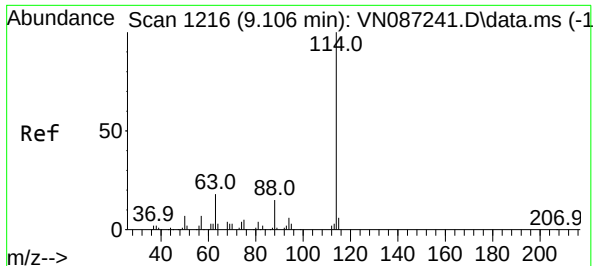
Tgt Ion:168 Resp: 180690
Ion Ratio Lower Upper
168 100
99 54.0 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 52.954 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

Tgt Ion: 65 Resp: 120086
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087249.D

Acq: 01 Jul 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBL01

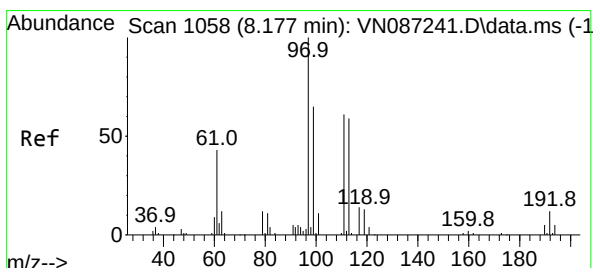
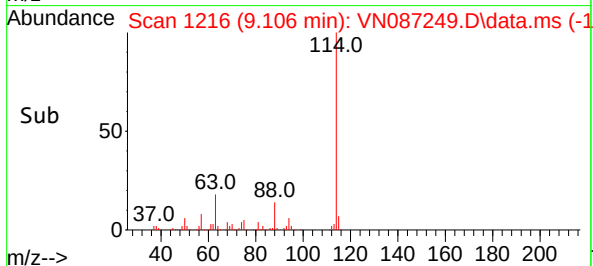
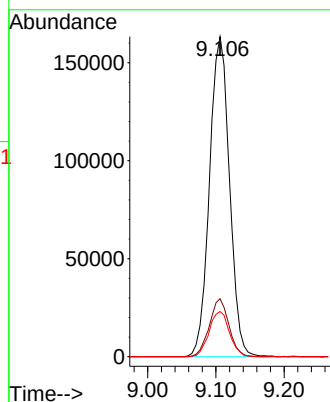
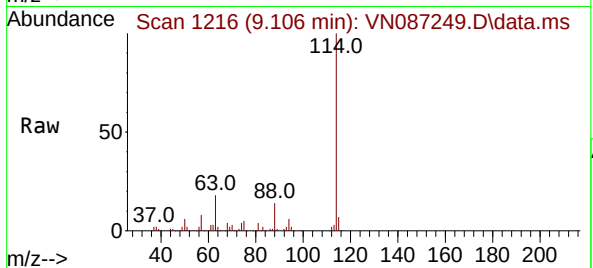
Tgt Ion:114 Resp: 333432

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.6

88 14.1 0.0 29.6



#35

Dibromofluoromethane

Concen: 50.886 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN087249.D

Acq: 01 Jul 2025 09:59

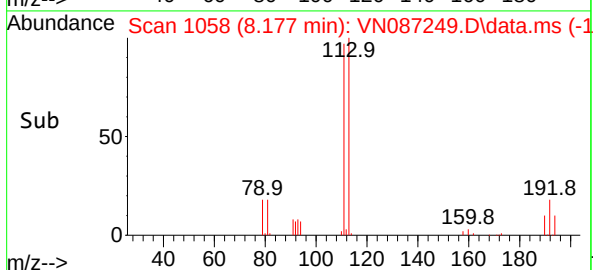
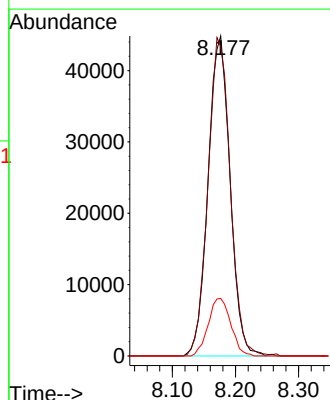
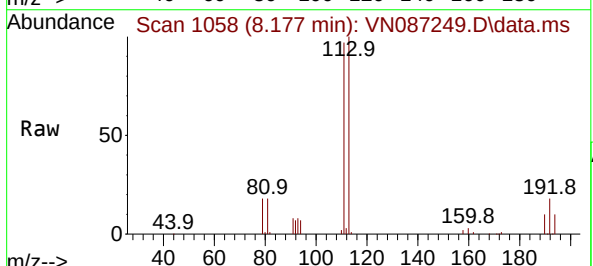
Tgt Ion:113 Resp: 108642

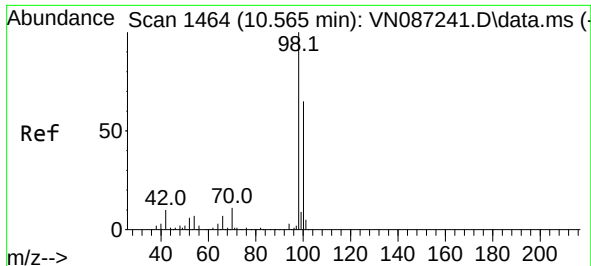
Ion Ratio Lower Upper

113 100

111 100.8 81.4 122.2

192 18.4 15.1 22.7

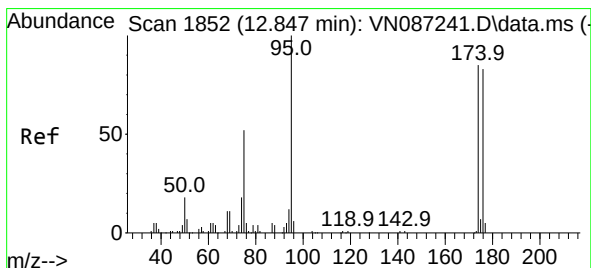
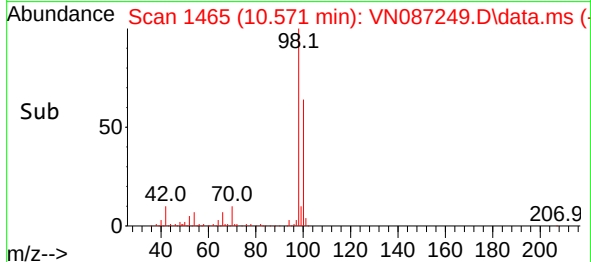
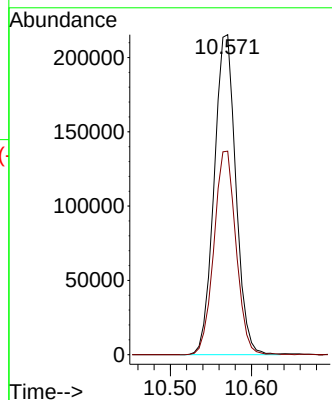
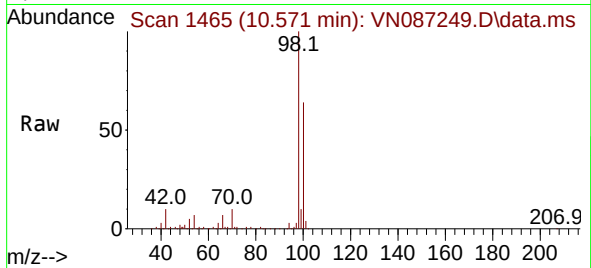




#50
Toluene-d8
Concen: 48.032 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

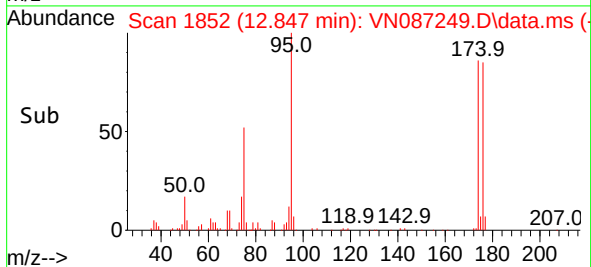
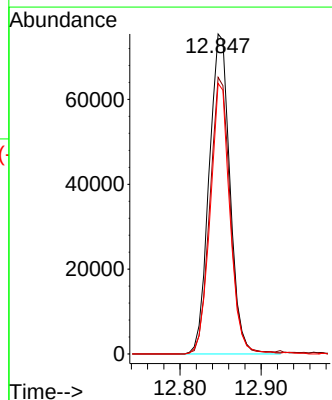
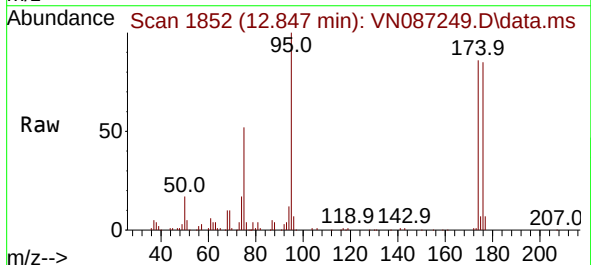
Instrument :
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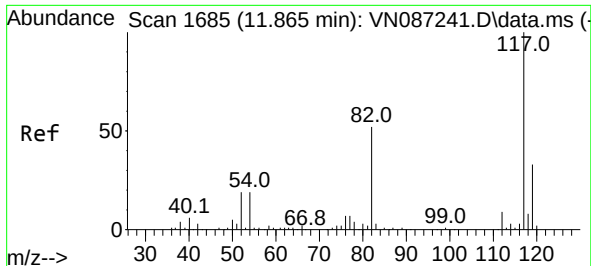
Tgt Ion: 98 Resp: 399711
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.493 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

Tgt Ion: 95 Resp: 134701
Ion Ratio Lower Upper
95 100
174 84.1 0.0 169.6
176 79.7 0.0 161.6

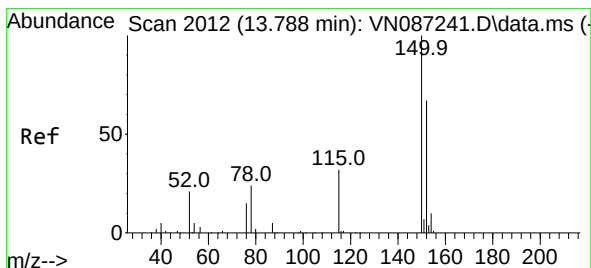
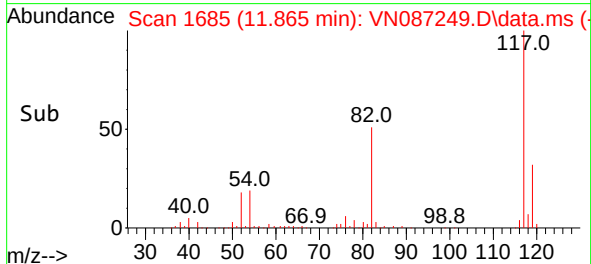
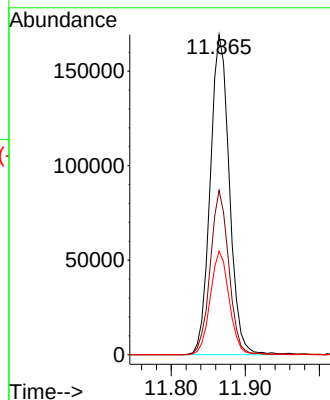
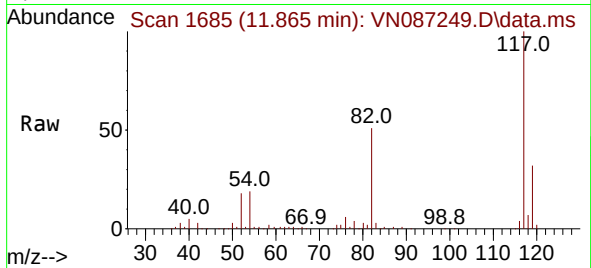




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

Instrument :
MSVOA_N
ClientSampleId :
VN0701MBL01

Tgt Ion:117 Resp: 303022
Ion Ratio Lower Upper
117 100
82 51.4 41.9 62.9
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087249.D
Acq: 01 Jul 2025 09:59

Tgt Ion:152 Resp: 148702
Ion Ratio Lower Upper
152 100
115 58.4 28.3 84.9
150 157.3 0.0 344.6

