

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070825\
 Data File : VN087296.D
 Acq On : 08 Jul 2025 13:57
 Operator : JC\MD
 Sample : VN0708MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708MBL01

Quant Time: Jul 09 01:31:16 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	189500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	368578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	165668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143614	60.384	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.760%
35) Dibromofluoromethane	8.171	113	124375	52.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.400%
50) Toluene-d8	10.565	98	441625	48.008	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.847	95	144590	44.176	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.360%

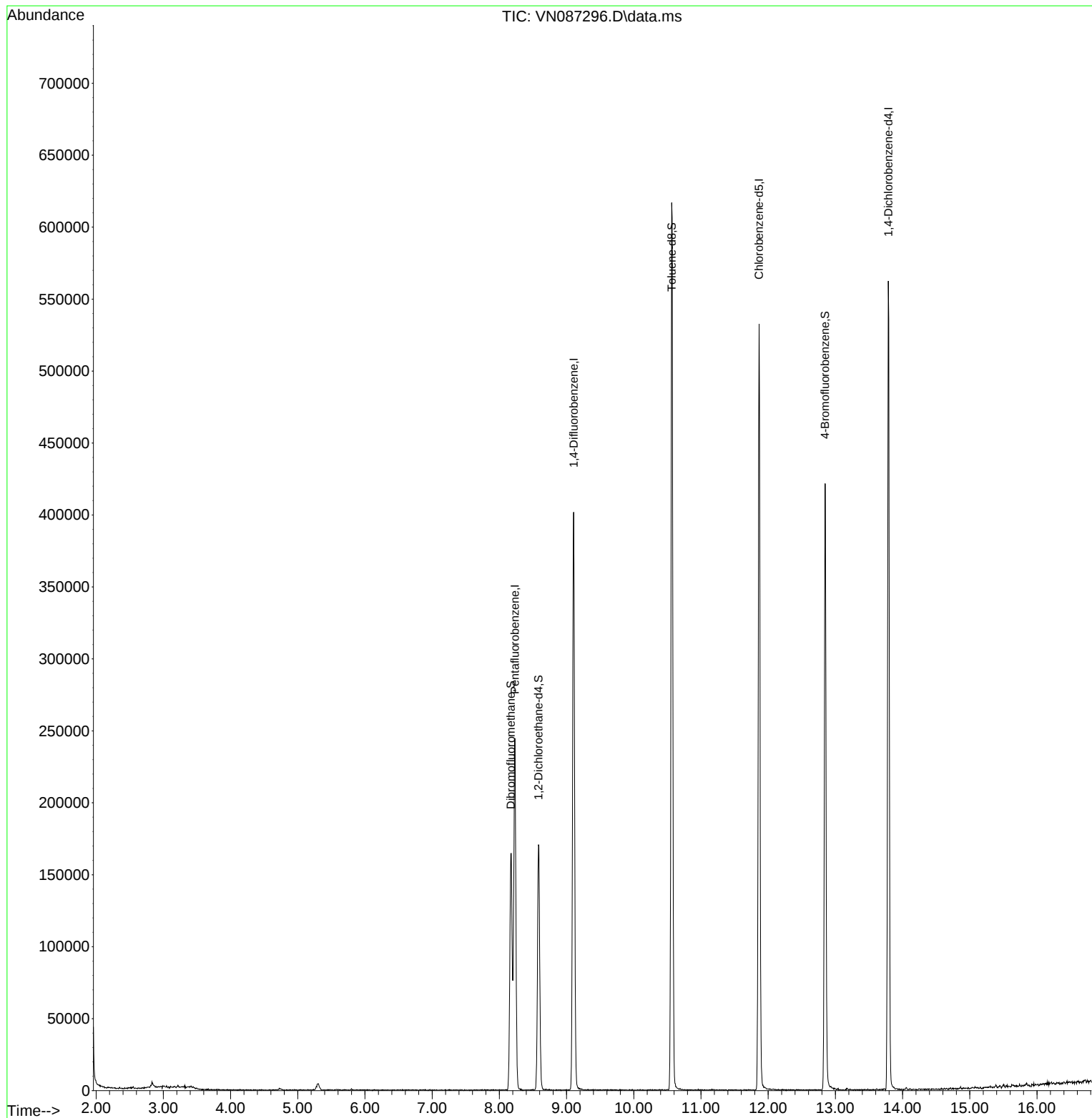
Target Compounds	Qvalue

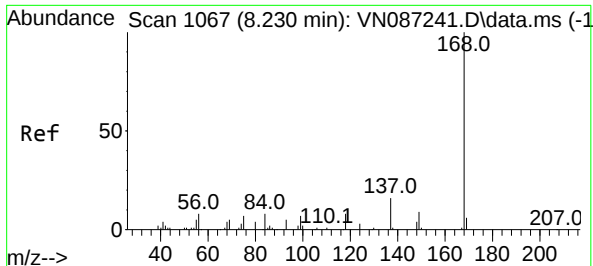
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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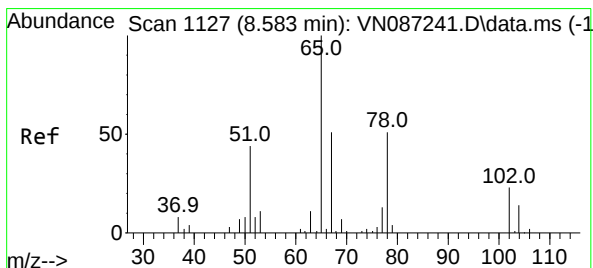
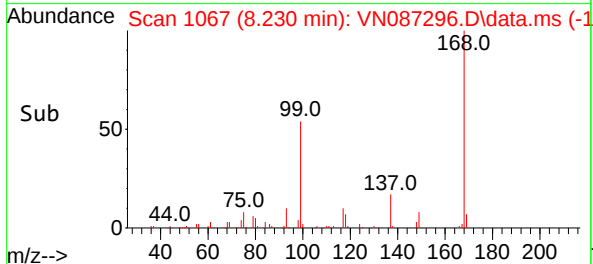
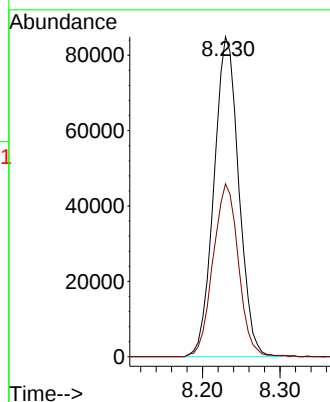
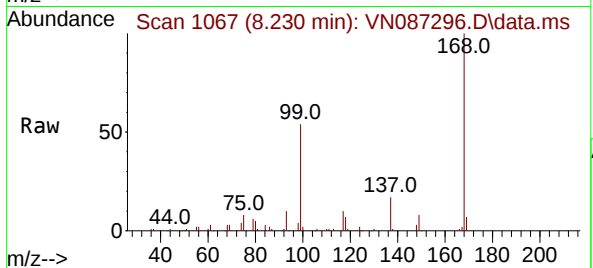




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN087296.D
Acq: 08 Jul 2025 13:57

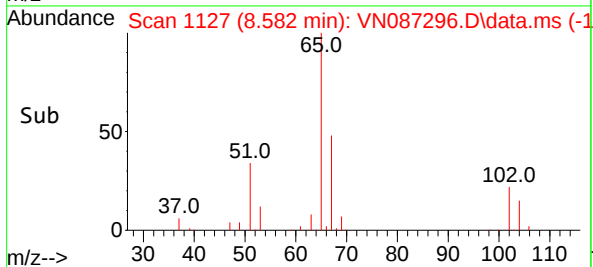
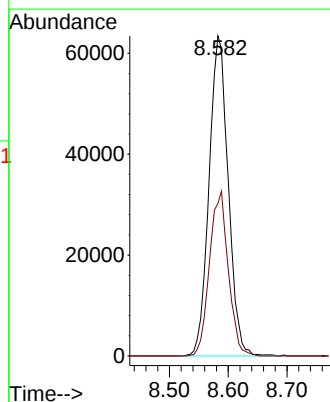
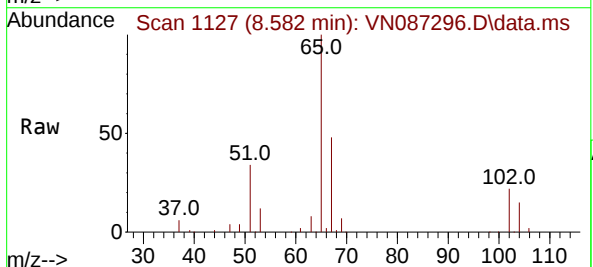
Instrument :
MSVOA_N
ClientSampleId :
VN0708MBL01

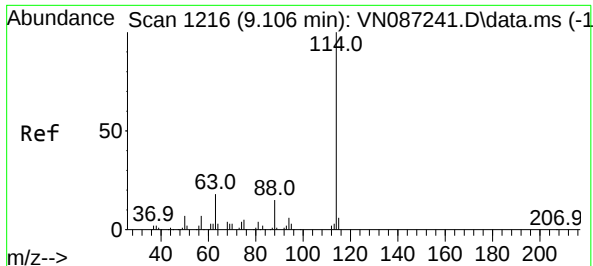
Tgt Ion:168 Resp: 189500
Ion Ratio Lower Upper
168 100
99 54.0 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 60.384 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087296.D
Acq: 08 Jul 2025 13:57

Tgt Ion: 65 Resp: 143614
Ion Ratio Lower Upper
65 100
67 50.4 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: VN087296.D

Acq: 08 Jul 2025 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0708MBL01

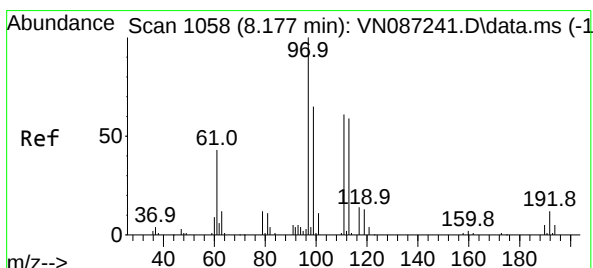
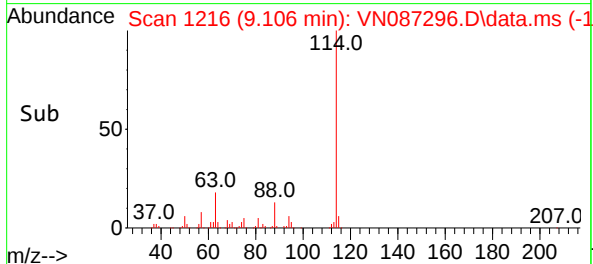
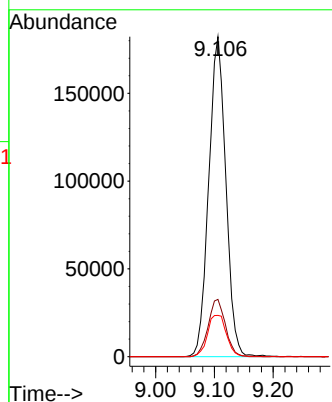
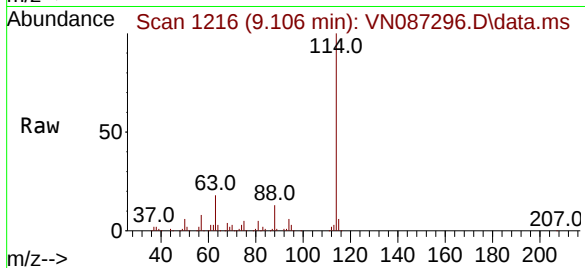
Tgt Ion:114 Resp: 368578

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

88 12.9 0.0 29.6



#35

Dibromofluoromethane

Concen: 52.701 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN087296.D

Acq: 08 Jul 2025 13:57

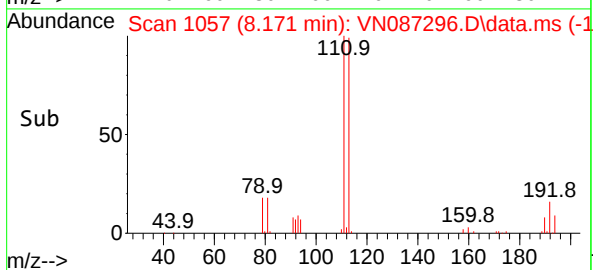
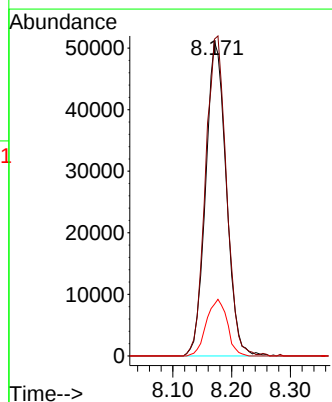
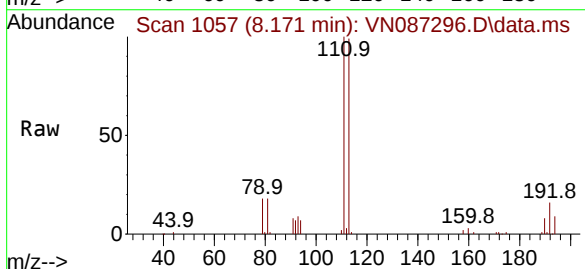
Tgt Ion:113 Resp: 124375

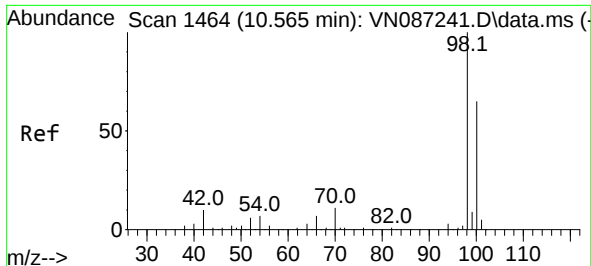
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.2

192 18.2 15.1 22.7

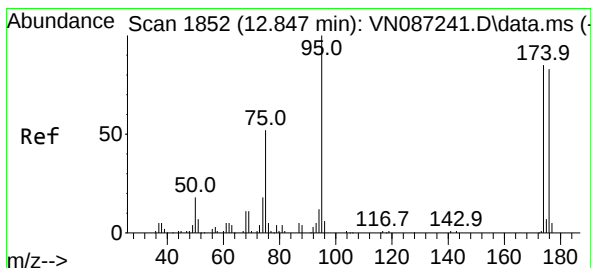
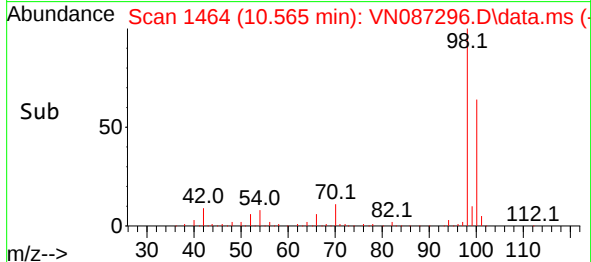
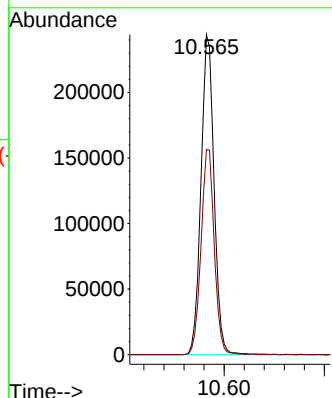
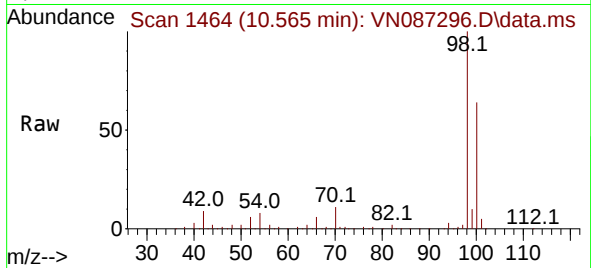




#50
Toluene-d8
Concen: 48.008 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087296.D
Acq: 08 Jul 2025 13:57

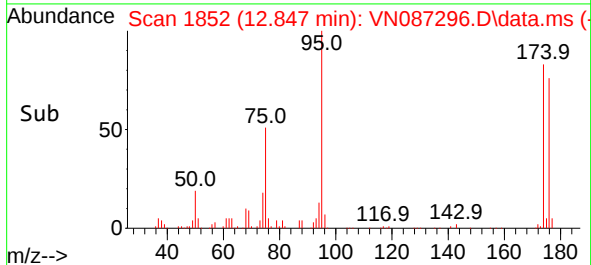
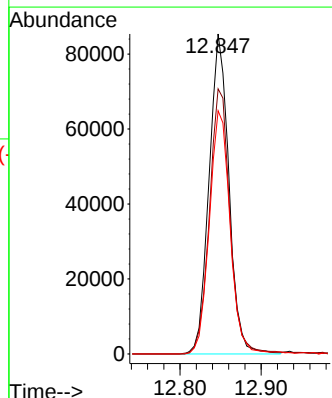
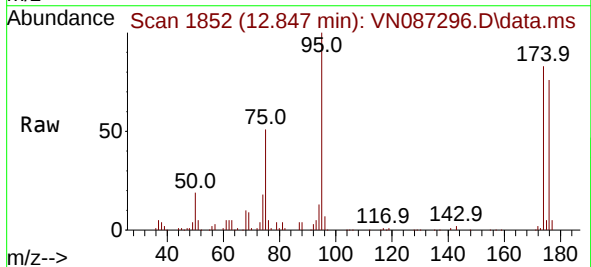
Instrument :
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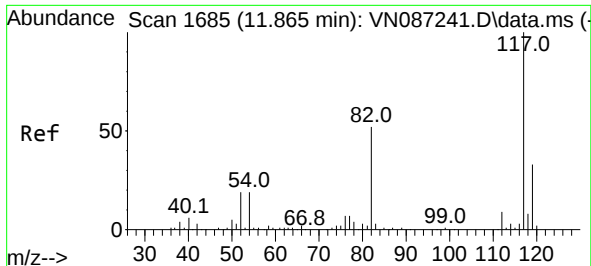
Tgt Ion: 98 Resp: 441625
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.176 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087296.D
Acq: 08 Jul 2025 13:57

Tgt Ion: 95 Resp: 144590
Ion Ratio Lower Upper
95 100
174 86.9 0.0 169.6
176 79.7 0.0 161.6

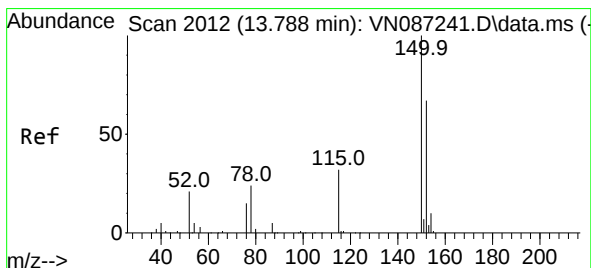
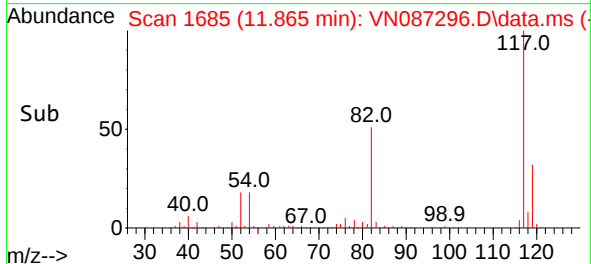
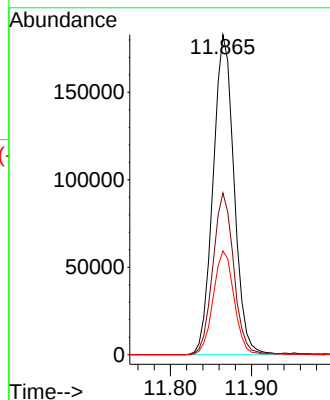
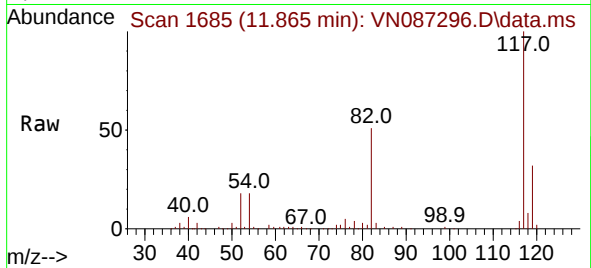




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087296.D
Acq: 08 Jul 2025 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0708MBL01

Tgt Ion:117 Resp: 328742
Ion Ratio Lower Upper
117 100
82 50.6 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: VN087296.D
Acq: 08 Jul 2025 13:57

Tgt Ion:152 Resp: 165668
Ion Ratio Lower Upper
152 100
115 57.1 28.3 84.9
150 156.3 0.0 344.6

