

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
 Data File : VN087751.D
 Acq On : 08 Sep 2025 09:59
 Operator : JC\MD
 Sample : VN0908WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBL01

Quant Time: Sep 09 02:24:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	246345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	567426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	531276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	244144	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	263783	52.262	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.520%
35) Dibromofluoromethane	8.147	113	199858	48.784	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.560%
50) Toluene-d8	10.547	98	741361	48.349	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.700%
62) 4-Bromofluorobenzene	12.829	95	250915	46.013	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.020%

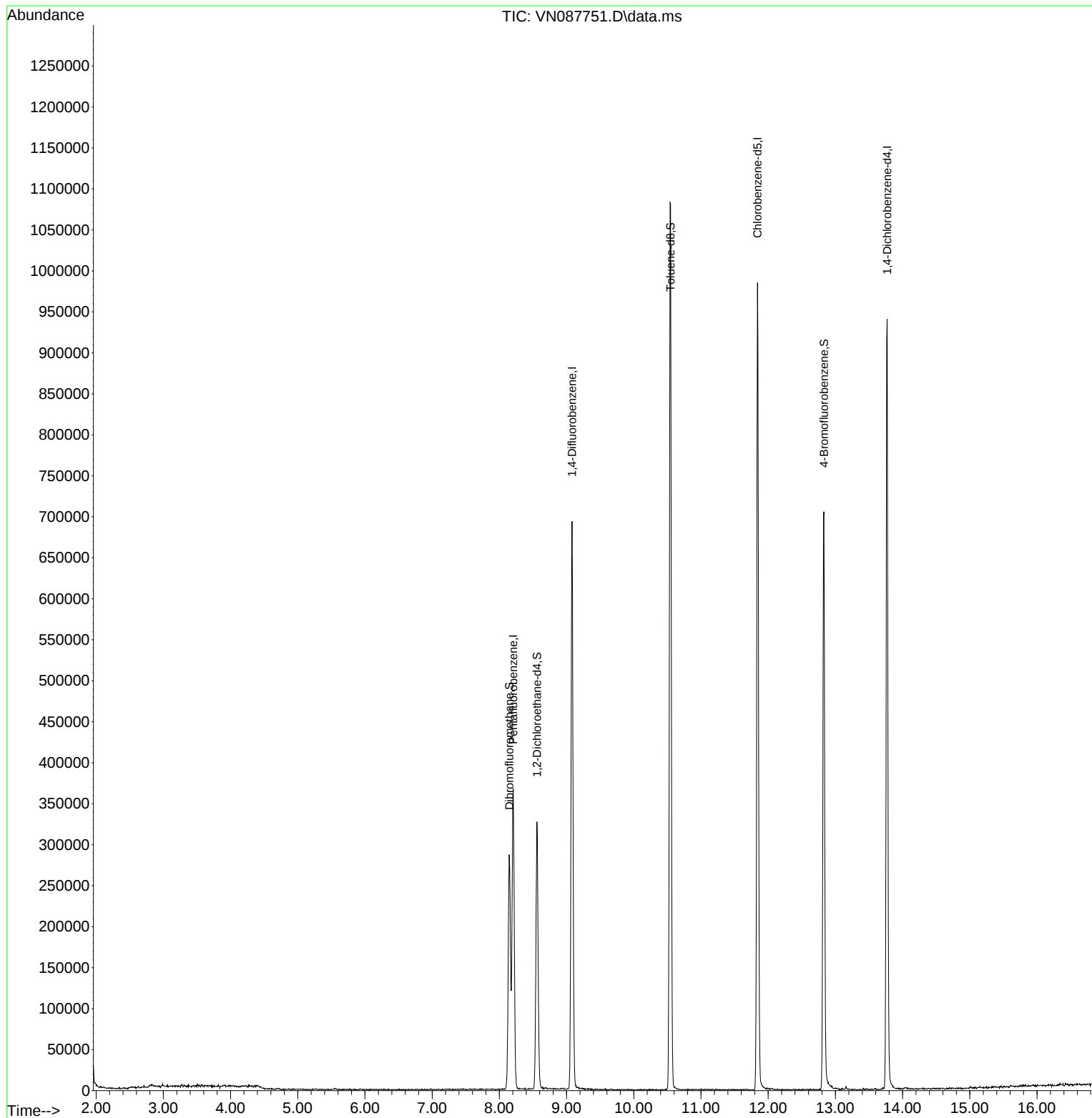
Target Compounds	Qvalue

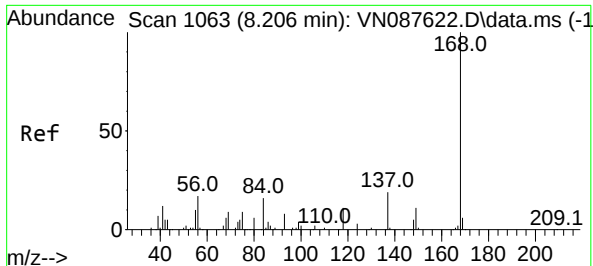
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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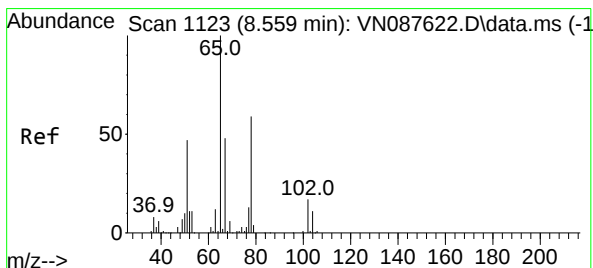
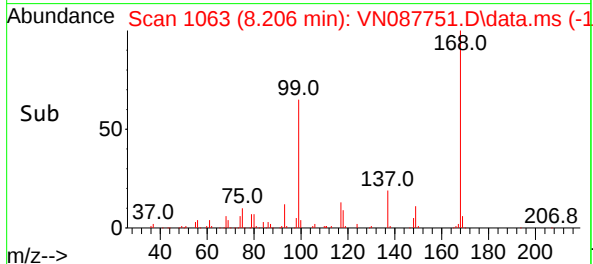
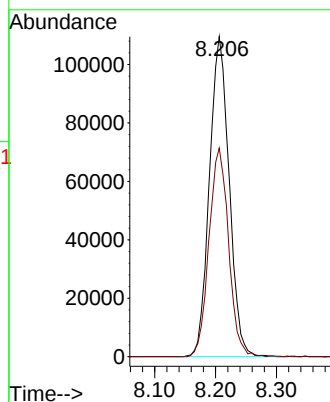
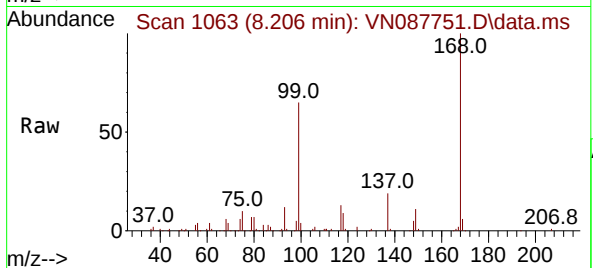




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

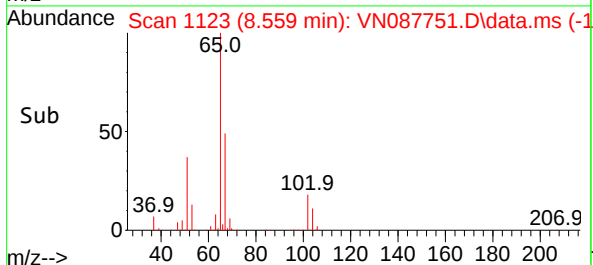
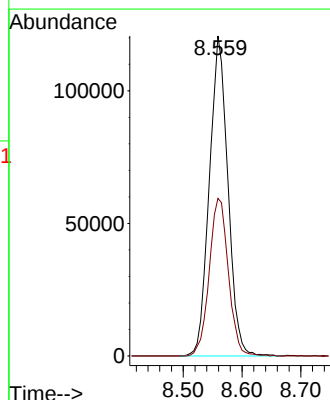
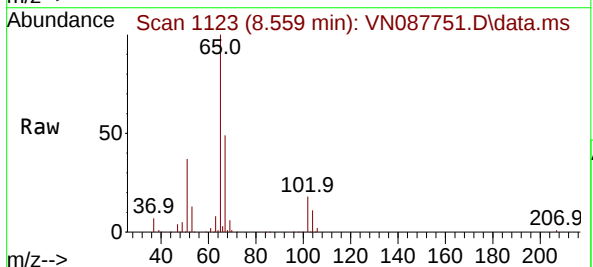
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBL01

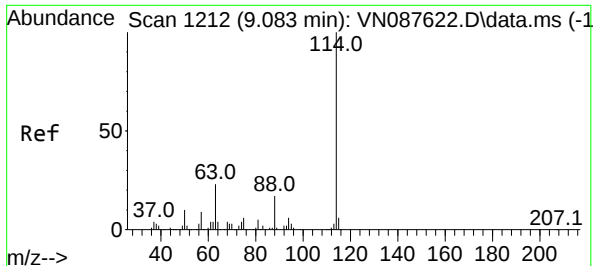
Tgt Ion:168 Resp: 246345
Ion Ratio Lower Upper
168 100
99 65.2 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 52.262 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

Tgt Ion: 65 Resp: 263783
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087751.D

Acq: 08 Sep 2025 09:59

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBL01

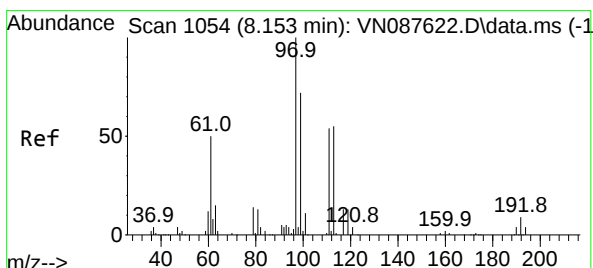
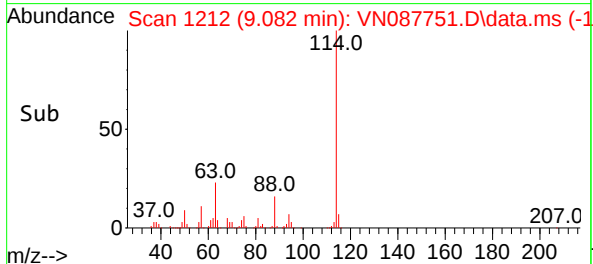
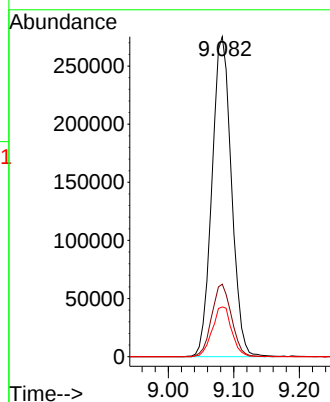
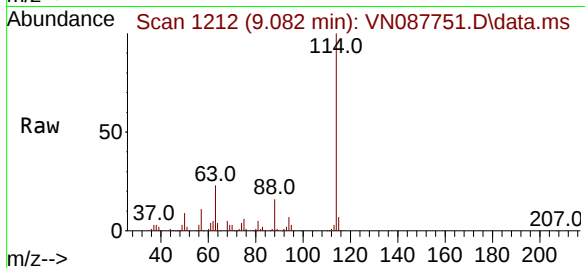
Tgt Ion:114 Resp: 567426

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.2

88 15.5 0.0 33.4



#35

Dibromofluoromethane

Concen: 48.784 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087751.D

Acq: 08 Sep 2025 09:59

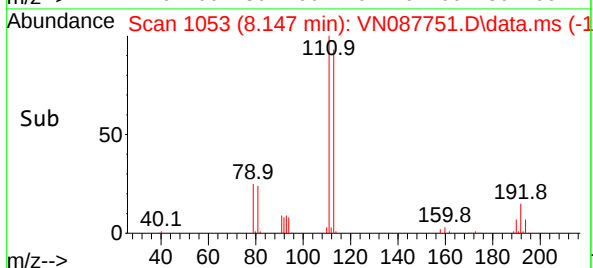
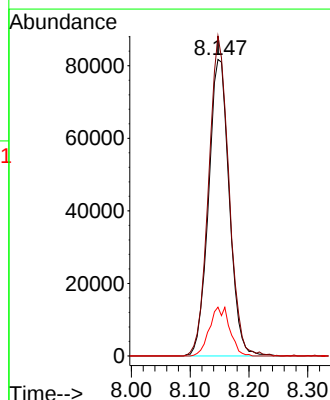
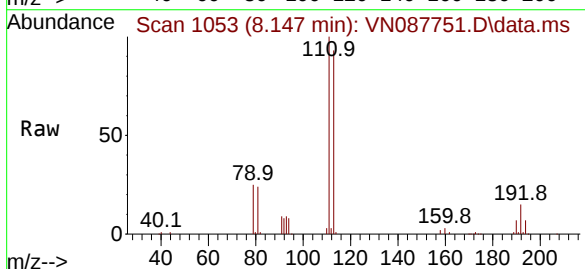
Tgt Ion:113 Resp: 199858

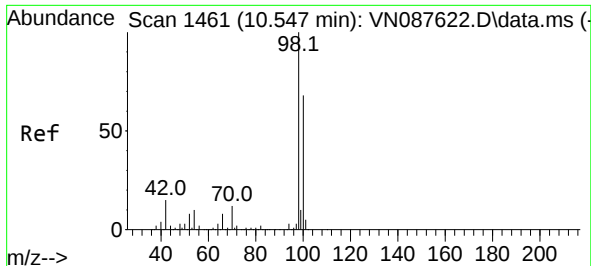
Ion Ratio Lower Upper

113 100

111 106.0 82.8 124.2

192 16.2 12.8 19.2

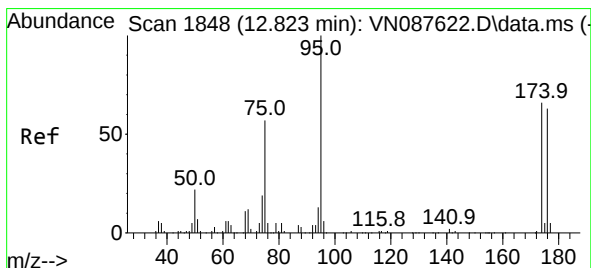
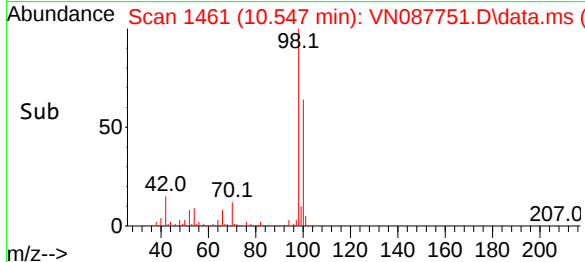
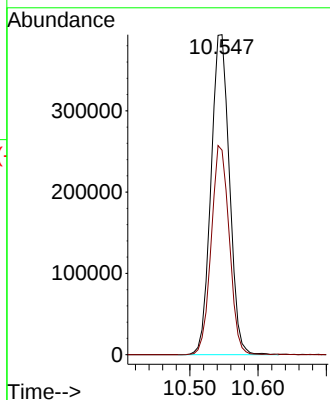
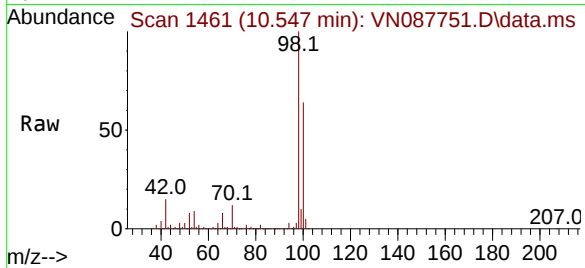




#50
Toluene-d8
Concen: 48.349 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

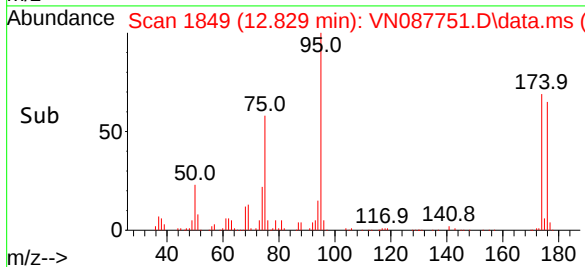
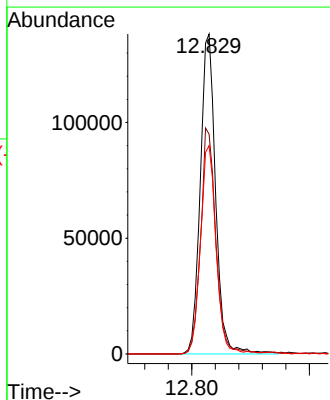
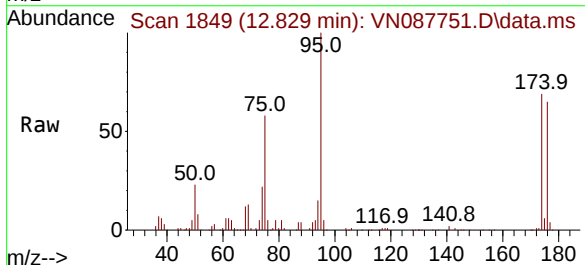
Instrument :
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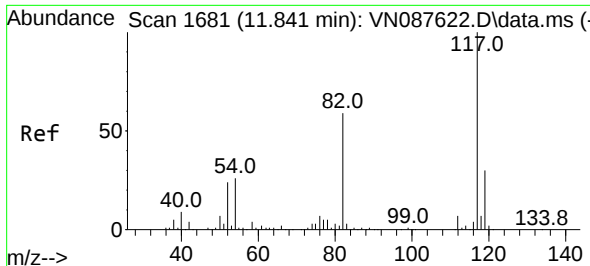
Tgt Ion: 98 Resp: 741361
Ion Ratio Lower Upper
98 100
100 63.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.013 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

Tgt Ion: 95 Resp: 250915
Ion Ratio Lower Upper
95 100
174 70.0 0.0 138.4
176 65.5 0.0 132.6

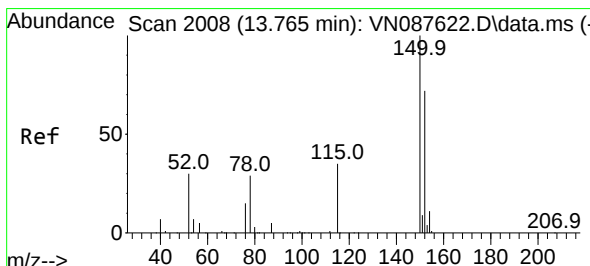
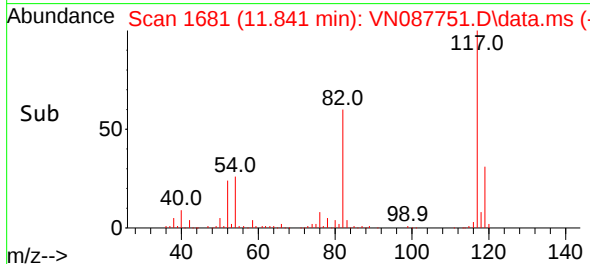
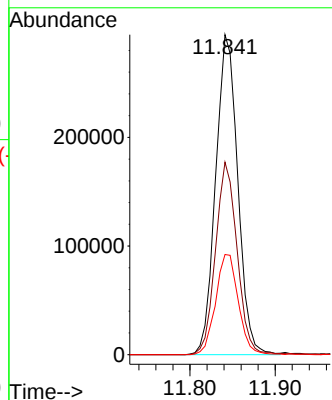
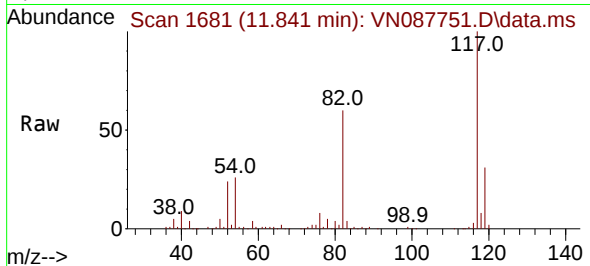




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBL01

Tgt Ion:117 Resp: 531276
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 31.3 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087751.D
Acq: 08 Sep 2025 09:59

Tgt Ion:152 Resp: 244144
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 157.5 0.0 351.0

