

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087821.D
 Acq On : 15 Sep 2025 09:14
 Operator : JC\MD
 Sample : VN0915MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915MBL01

Quant Time: Sep 16 01:28:30 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	198222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	425993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	408687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	193776	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	202603	49.886	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.780%
35) Dibromofluoromethane	8.147	113	160733	52.260	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.520%
50) Toluene-d8	10.547	98	556052	48.303	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.600%
62) 4-Bromofluorobenzene	12.829	95	186538	45.565	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.120%

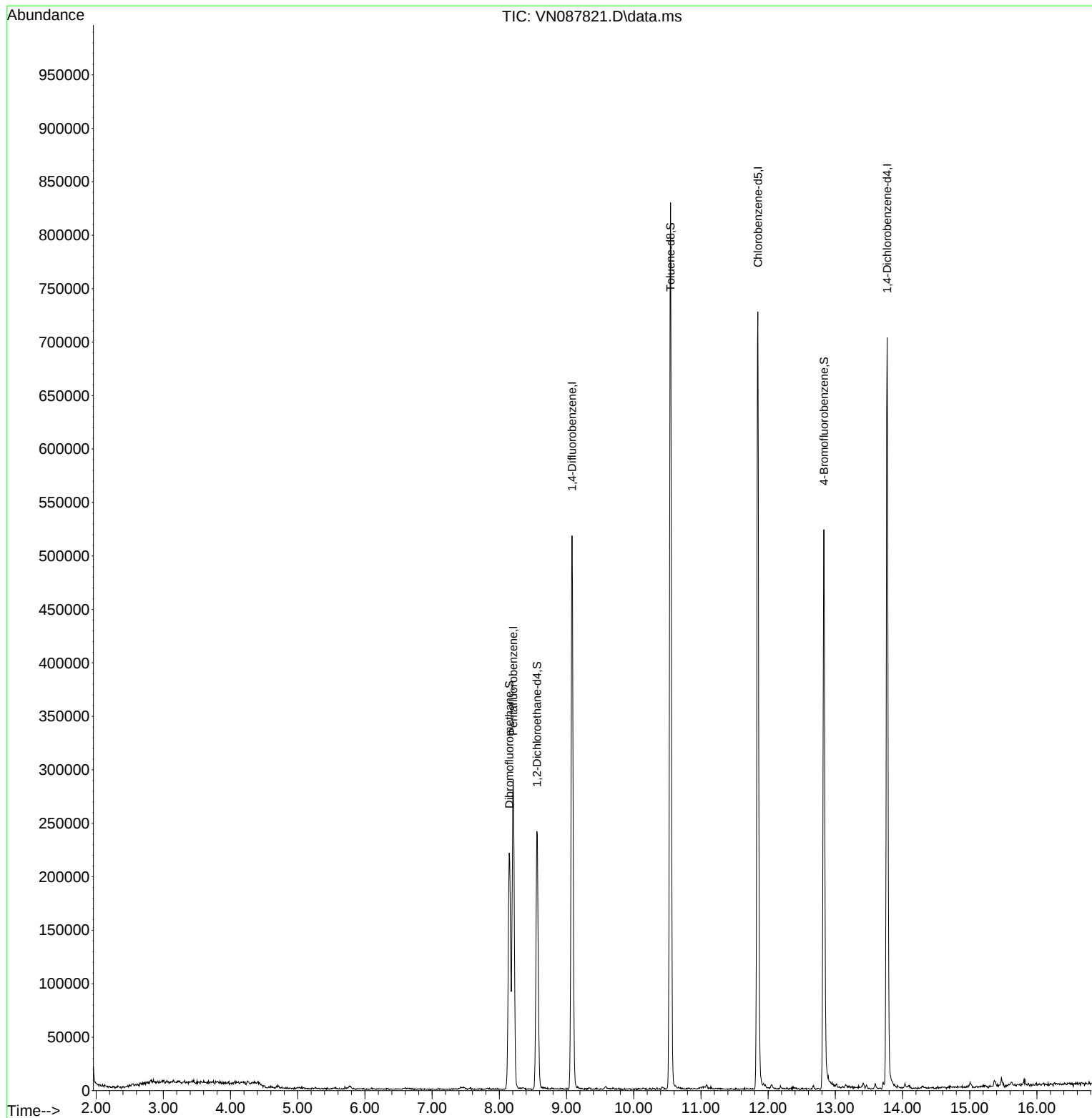
Target Compounds	Qvalue

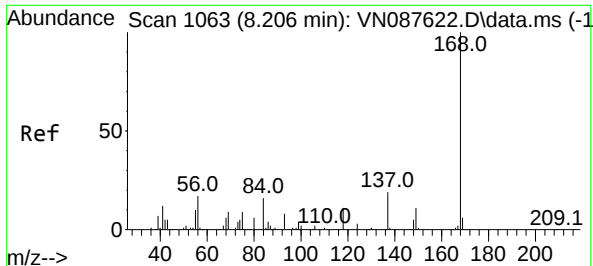
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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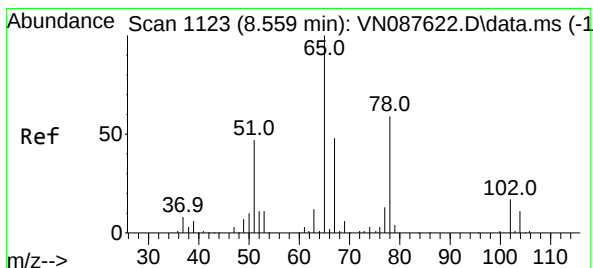
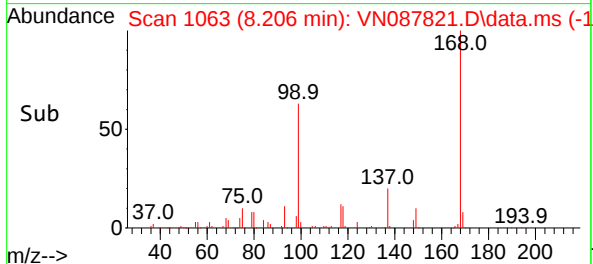
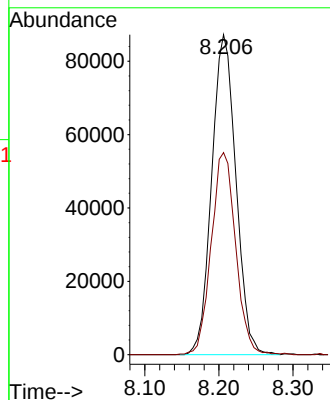
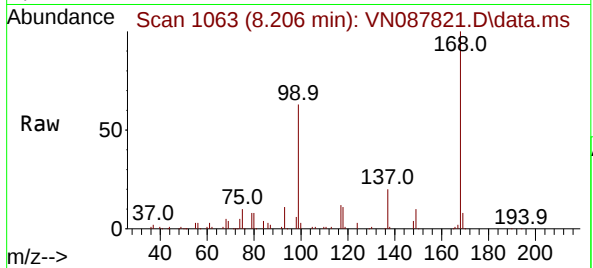




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087821.D
Acq: 15 Sep 2025 09:14

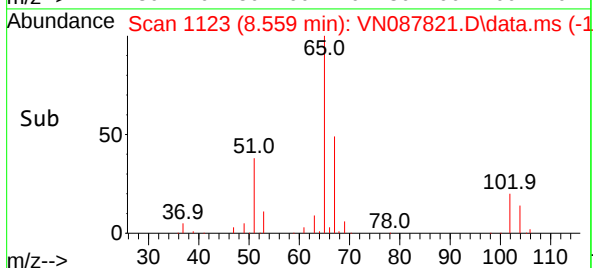
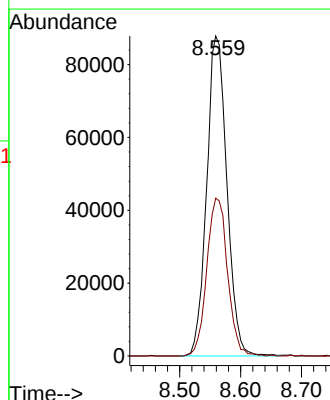
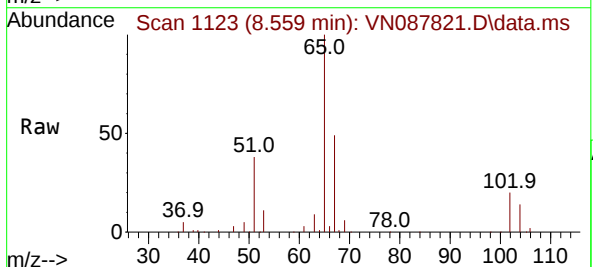
Instrument :
MSVOA_N
ClientSampleId :
VN0915MBL01

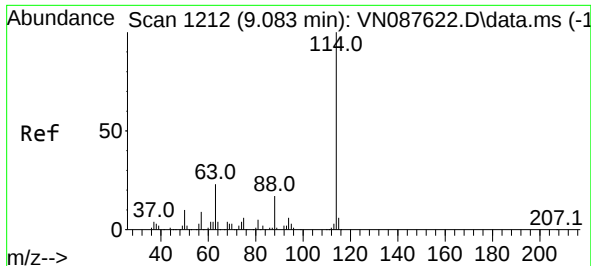
Tgt Ion:168 Resp: 198222
Ion Ratio Lower Upper
168 100
99 62.9 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 49.886 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087821.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 65 Resp: 202603
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087821.D

Acq: 15 Sep 2025 09:14

Instrument :

MSVOA_N

ClientSampleId :

VN0915MBL01

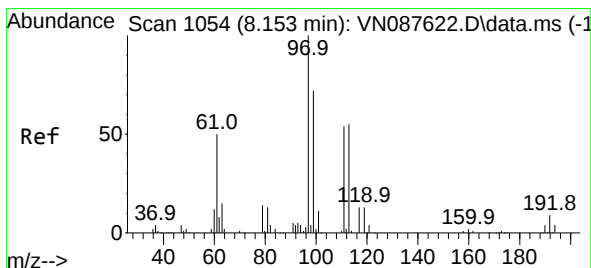
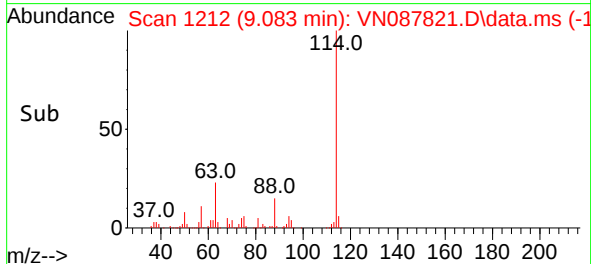
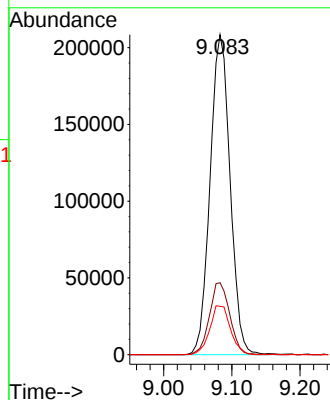
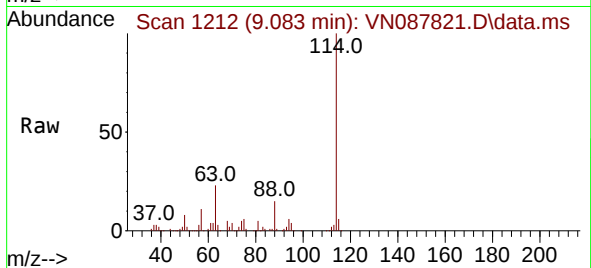
Tgt Ion:114 Resp: 425993

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.2

88 15.1 0.0 33.4



#35

Dibromofluoromethane

Concen: 52.260 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087821.D

Acq: 15 Sep 2025 09:14

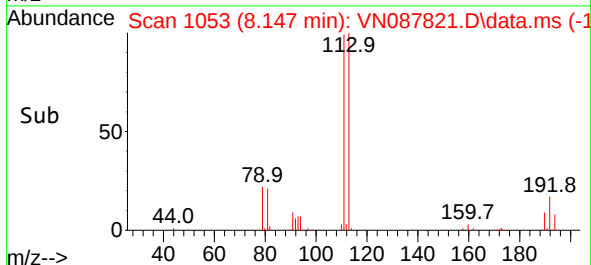
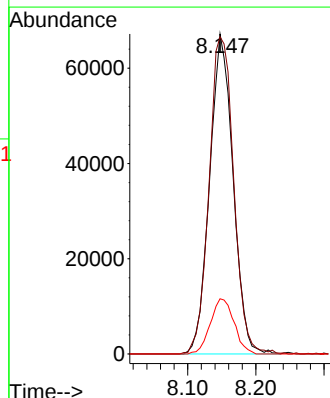
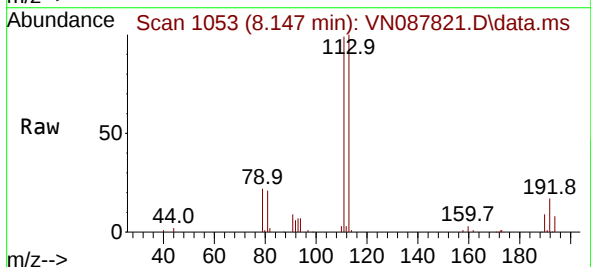
Tgt Ion:113 Resp: 160733

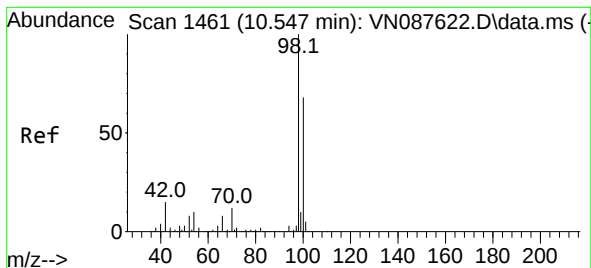
Ion Ratio Lower Upper

113 100

111 104.1 82.8 124.2

192 17.5 12.8 19.2

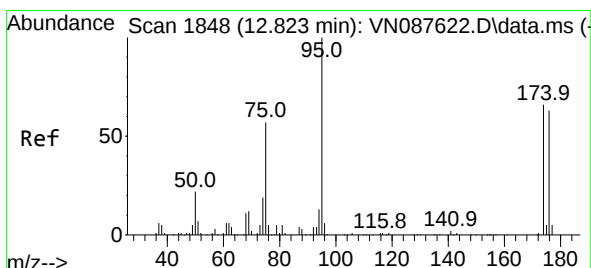
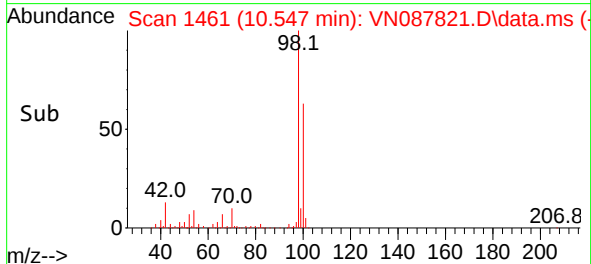
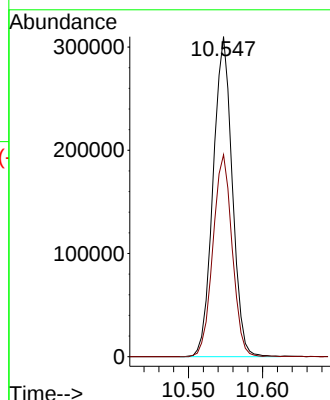
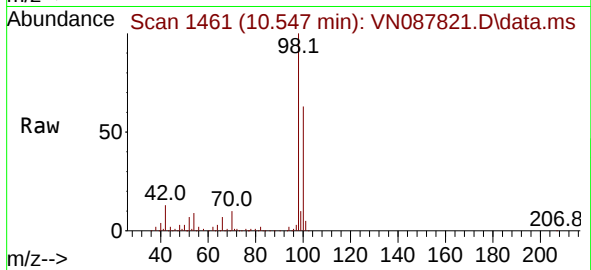




#50
Toluene-d8
Concen: 48.303 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087821.D
Acq: 15 Sep 2025 09:14

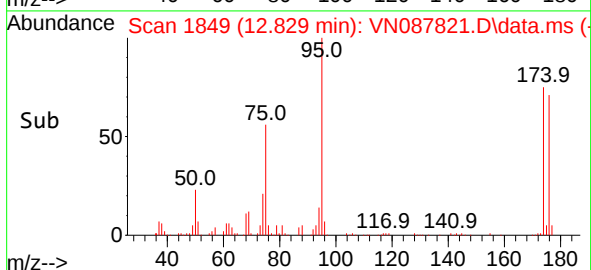
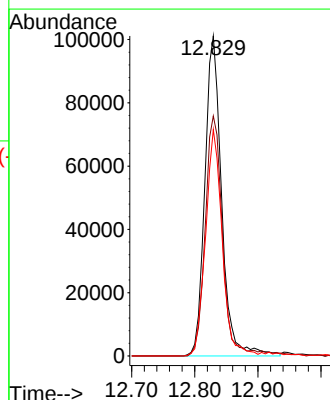
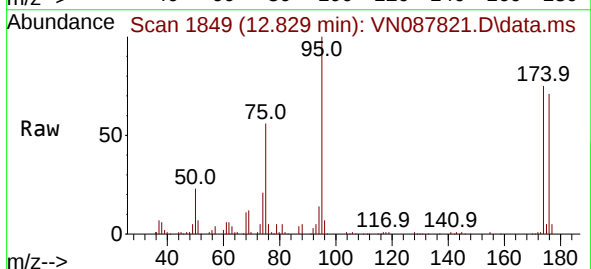
Instrument :
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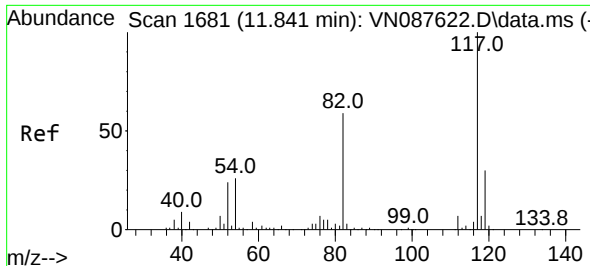
Tgt Ion: 98 Resp: 556052
Ion Ratio Lower Upper
98 100
100 63.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.565 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087821.D
Acq: 15 Sep 2025 09:14

Tgt Ion: 95 Resp: 186538
Ion Ratio Lower Upper
95 100
174 78.1 0.0 138.4
176 70.0 0.0 132.6

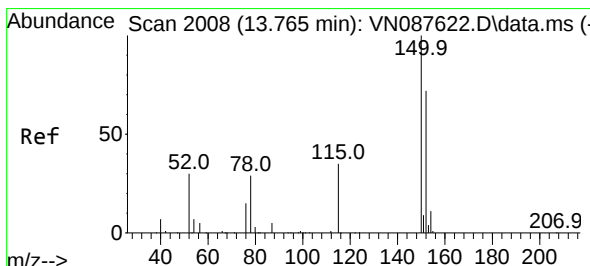
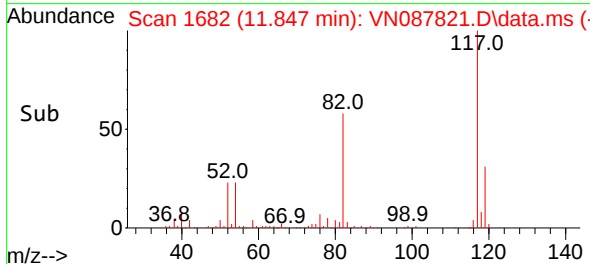
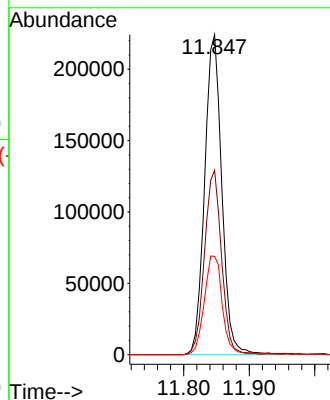
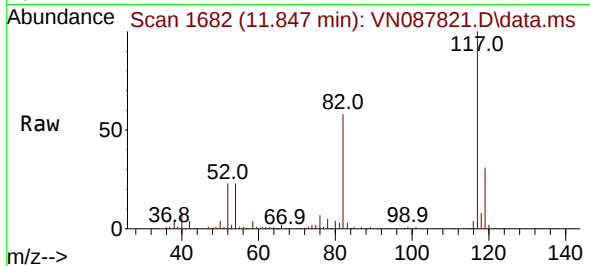




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087821.D
Acq: 15 Sep 2025 09:14

Instrument :
MSVOA_N
ClientSampleId :
VN0915MBL01

Tgt Ion:117 Resp: 408687
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 30.7 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087821.D
Acq: 15 Sep 2025 09:14

Tgt Ion:152 Resp: 193776
Ion Ratio Lower Upper
152 100
115 59.5 32.3 96.8
150 157.0 0.0 351.0

