

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087844.D
 Acq On : 15 Sep 2025 17:27
 Operator : JC\MD
 Sample : Q3077-01 20X
 Misc : 1.16g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LAW-25-0137

Quant Time: Sep 16 01:44:20 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	240549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	546669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	530722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	260673	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	251559	51.041	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.080%
35) Dibromofluoromethane	8.153	113	197572	50.057	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.120%
50) Toluene-d8	10.547	98	698690	47.296	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.600%
62) 4-Bromofluorobenzene	12.829	95	264505	50.347	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.700%

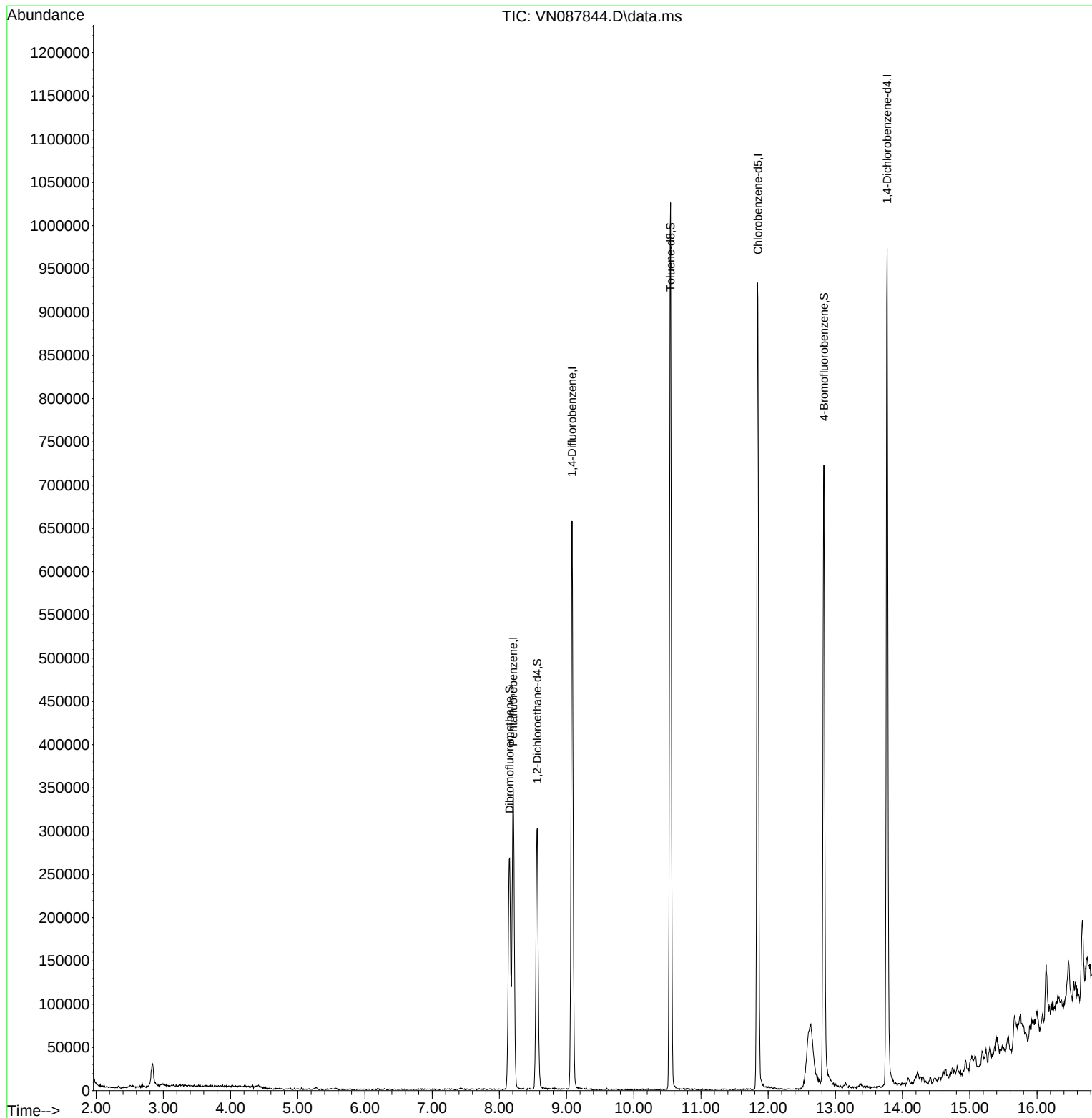
Target Compounds	Qvalue

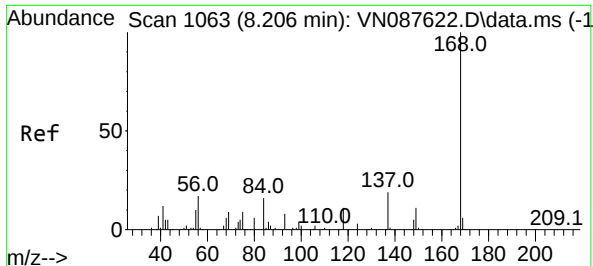
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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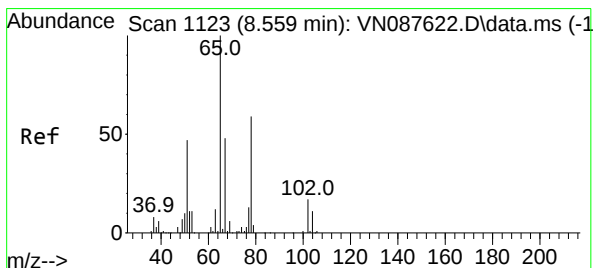
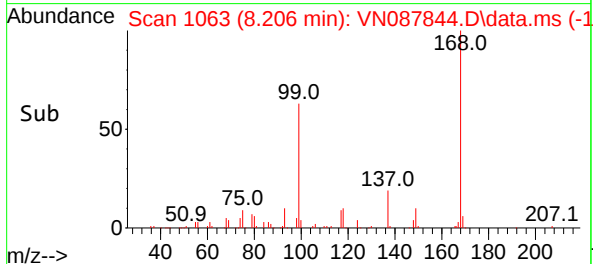
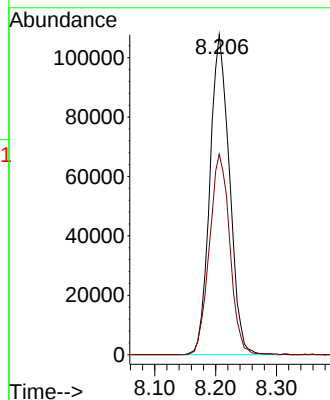
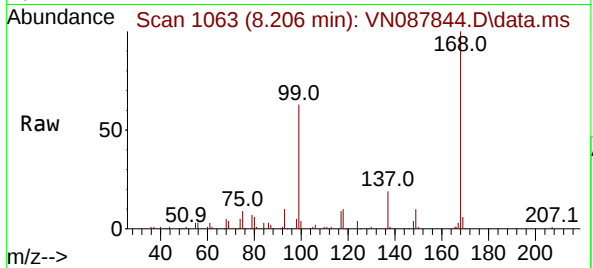




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087844.D
Acq: 15 Sep 2025 17:27

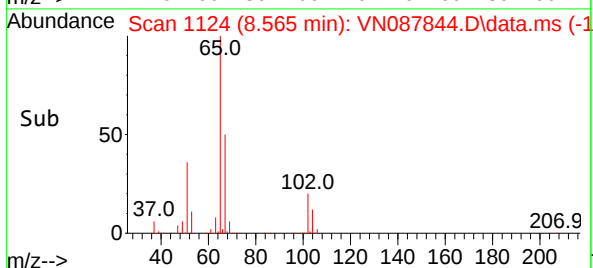
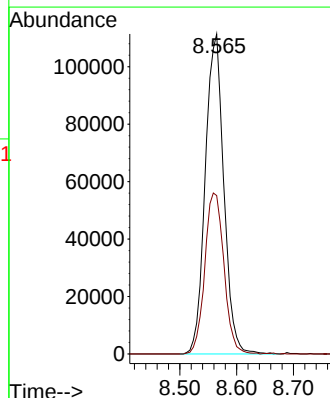
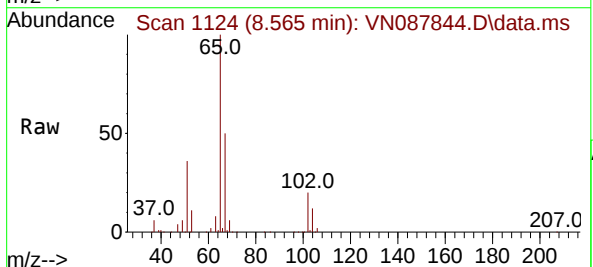
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0137

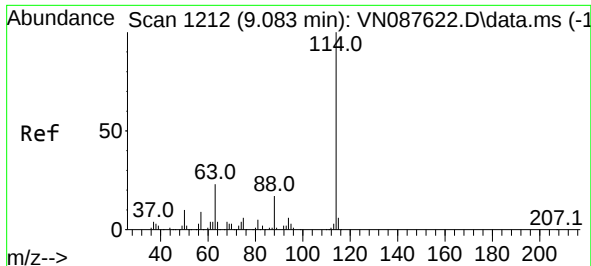
Tgt Ion:168 Resp: 240549
Ion Ratio Lower Upper
168 100
99 62.7 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 51.041 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087844.D
Acq: 15 Sep 2025 17:27

Tgt Ion: 65 Resp: 251559
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.0

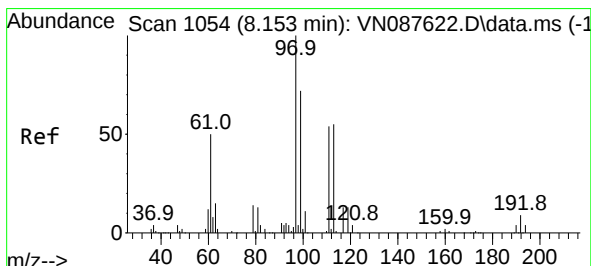
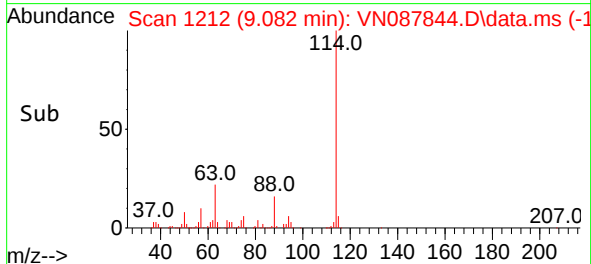
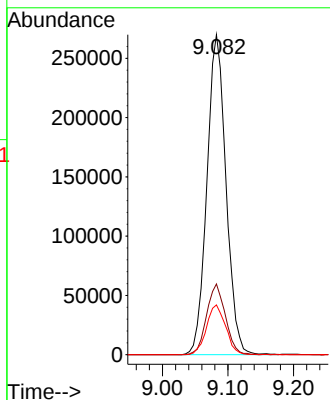
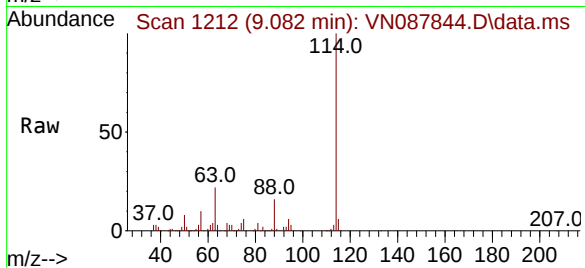




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087844.D
Acq: 15 Sep 2025 17:27

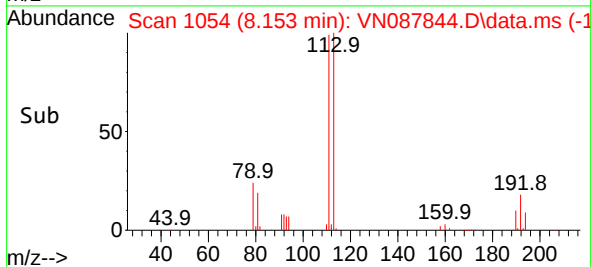
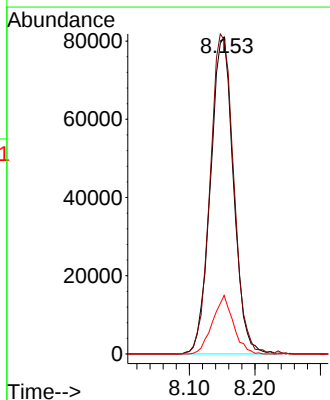
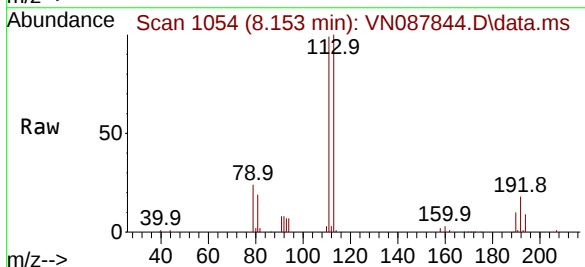
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0137

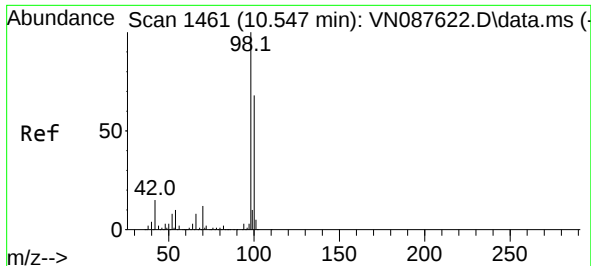
Tgt Ion:114 Resp: 546669
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.2
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.057 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087844.D
Acq: 15 Sep 2025 17:27

Tgt Ion:113 Resp: 197572
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 16.6 12.8 19.2

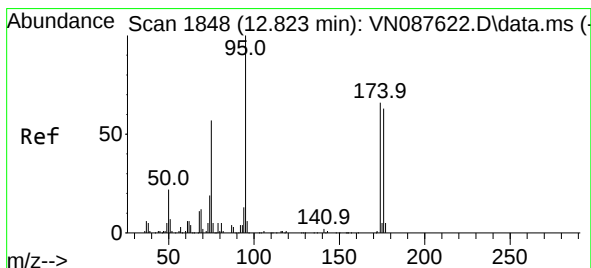
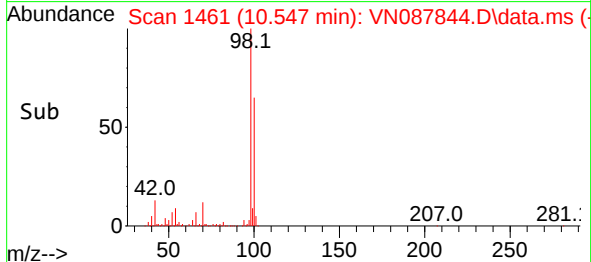
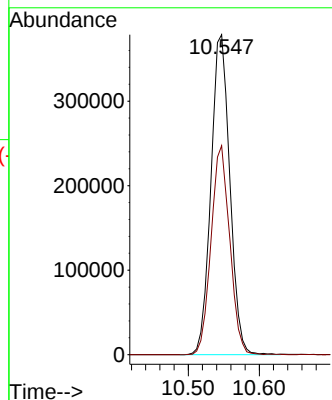
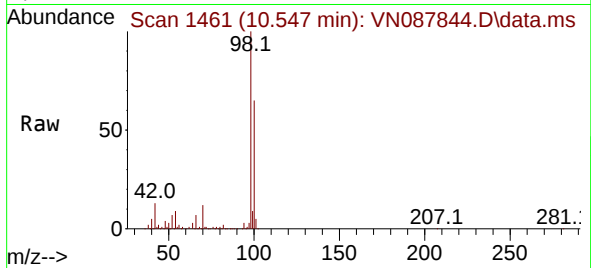




#50
Toluene-d8
Concen: 47.296 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087844.D
Acq: 15 Sep 2025 17:27

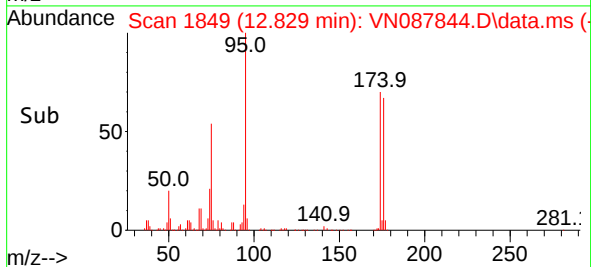
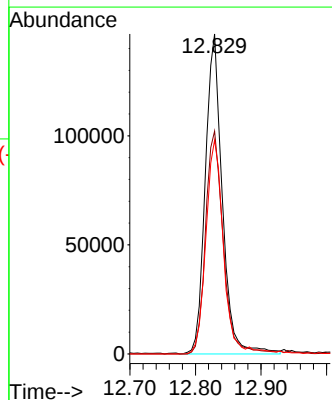
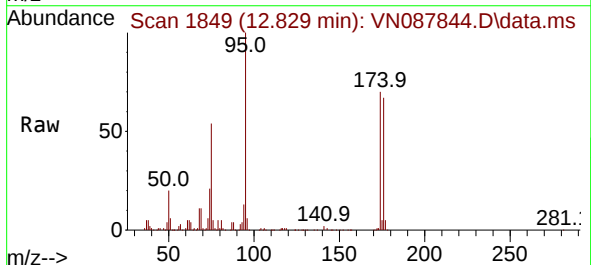
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0137

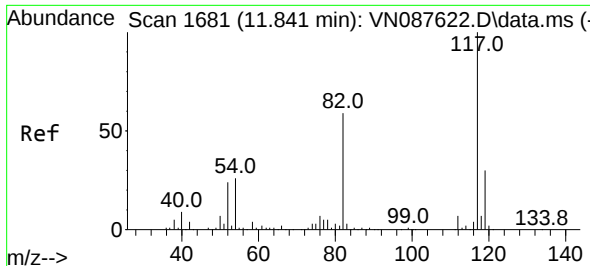
Tgt Ion: 98 Resp: 698690
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.347 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087844.D
Acq: 15 Sep 2025 17:27

Tgt Ion: 95 Resp: 264505
Ion Ratio Lower Upper
95 100
174 72.3 0.0 138.4
176 69.9 0.0 132.6

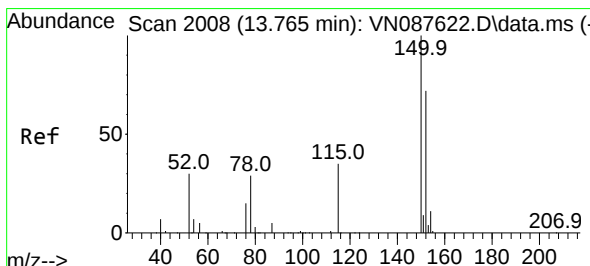
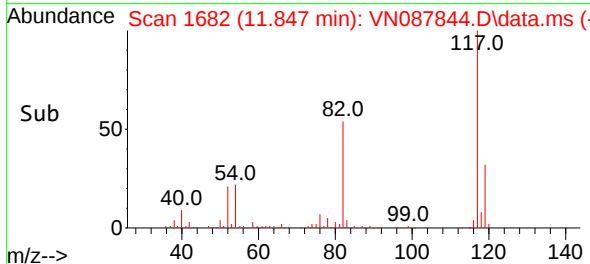
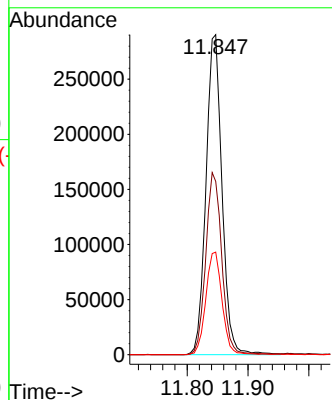
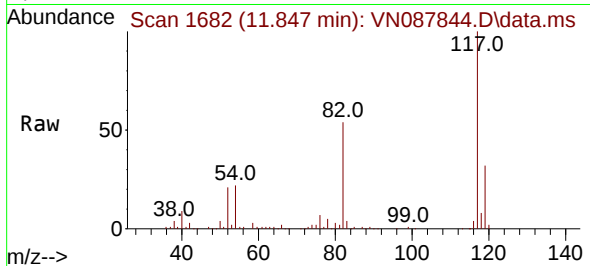




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087844.D
Acq: 15 Sep 2025 17:27

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0137

Tgt Ion:117 Resp: 530722
Ion Ratio Lower Upper
117 100
82 54.2 47.4 71.2
119 32.0 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: VN087844.D
Acq: 15 Sep 2025 17:27

Tgt Ion:152 Resp: 260673
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 156.9 0.0 351.0

