

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
 Data File : VN087734.D
 Acq On : 05 Sep 2025 11:52
 Operator : JC\MD
 Sample : VN0905MBL01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905MBL01

Quant Time: Sep 06 01:02:21 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	157377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	367612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	339404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	155299	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	170651	52.924	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.840%
35) Dibromofluoromethane	8.147	113	136537	51.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.880%
50) Toluene-d8	10.547	98	475974	47.914	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.820%
62) 4-Bromofluorobenzene	12.829	95	159261	45.080	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.160%

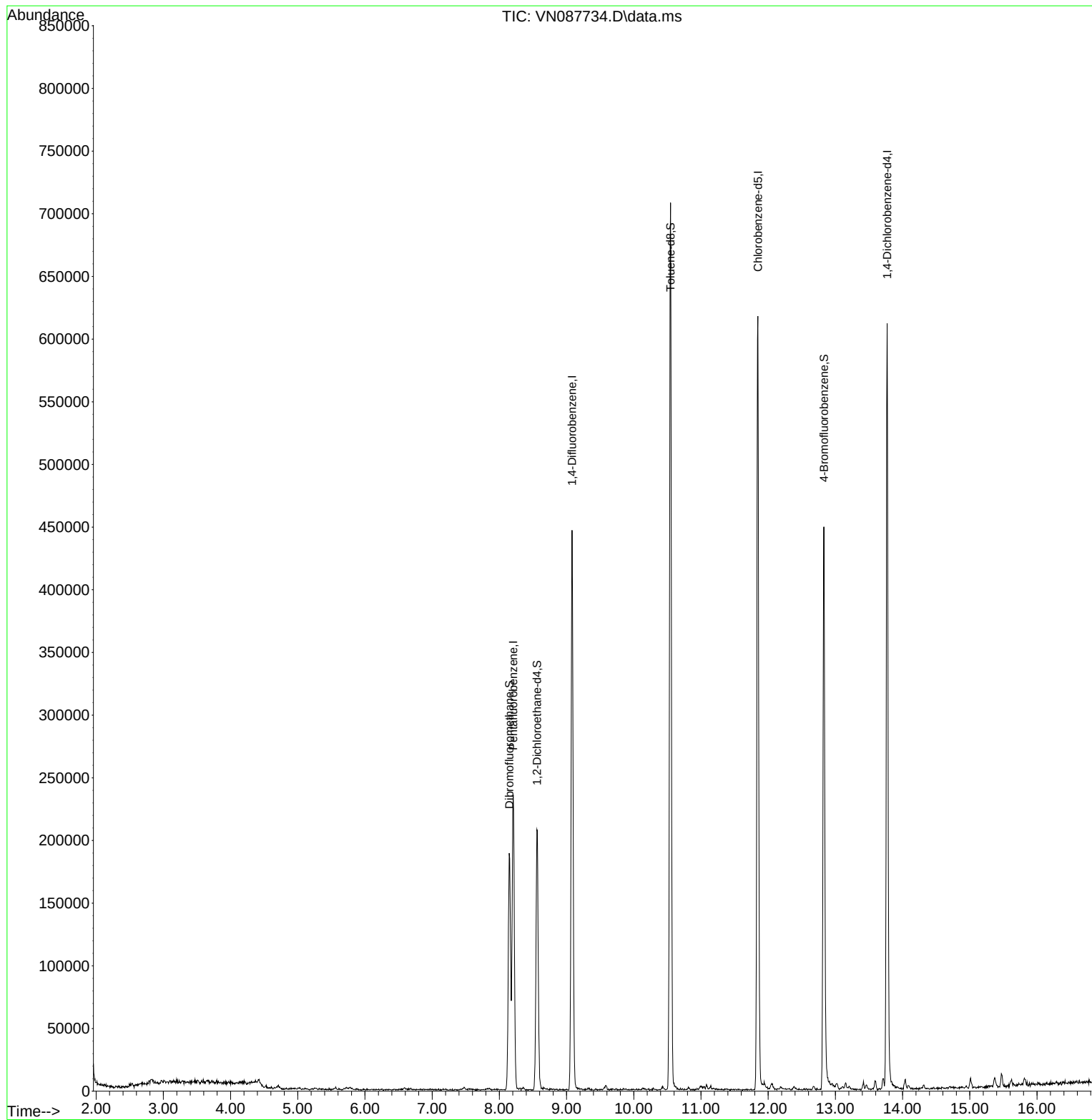
Target Compounds	Qvalue

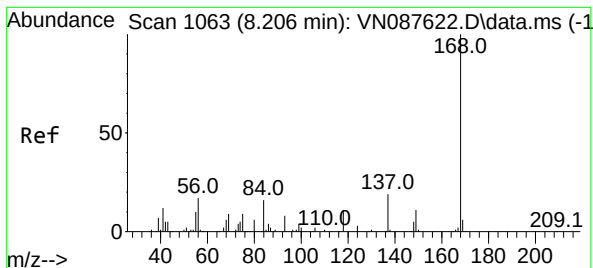
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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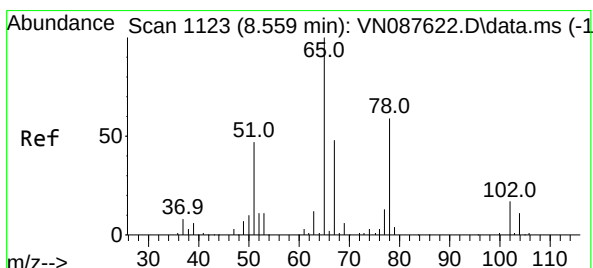
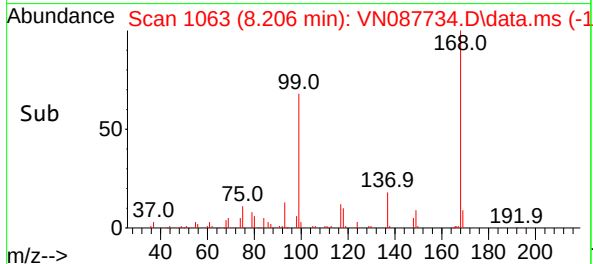
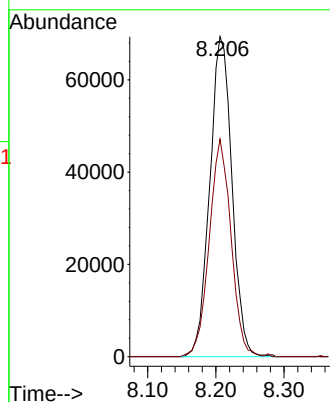
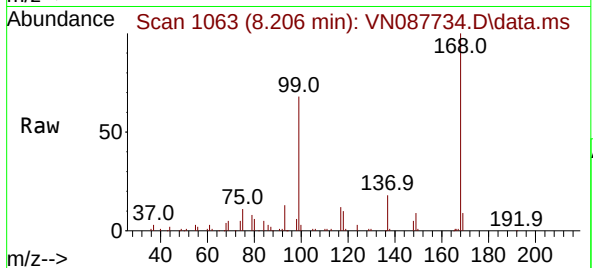




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

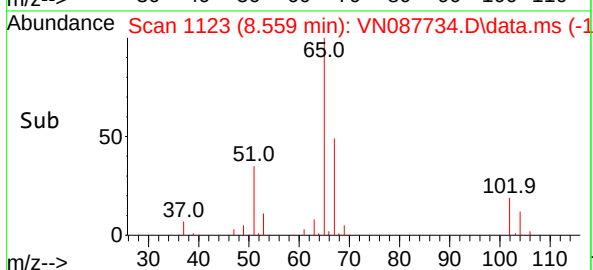
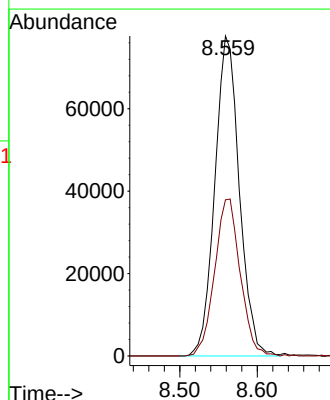
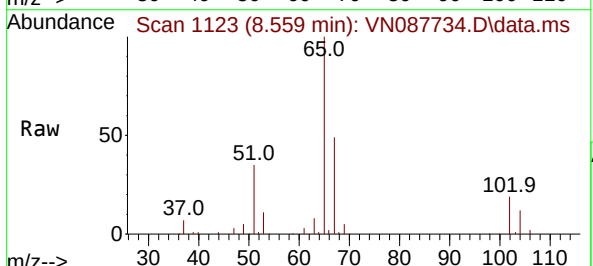
Instrument :
MSVOA_N
ClientSampleId :
VN0905MBL01

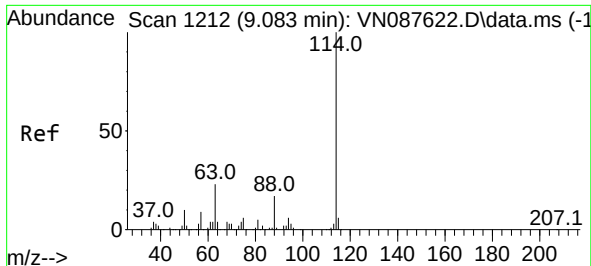
Tgt Ion:168 Resp: 157377
Ion Ratio Lower Upper
168 100
99 68.0 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 52.924 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

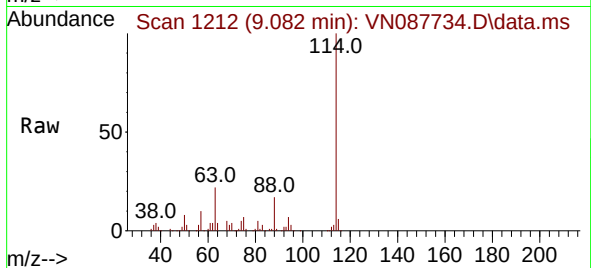
Tgt Ion: 65 Resp: 170651
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.0



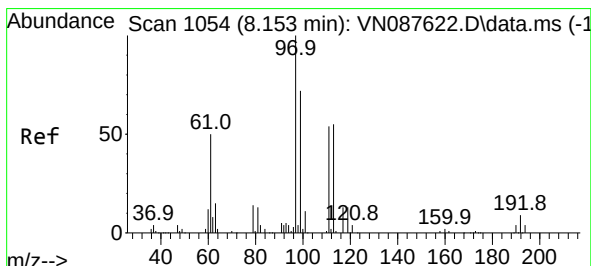
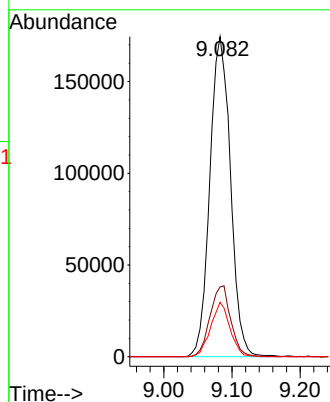
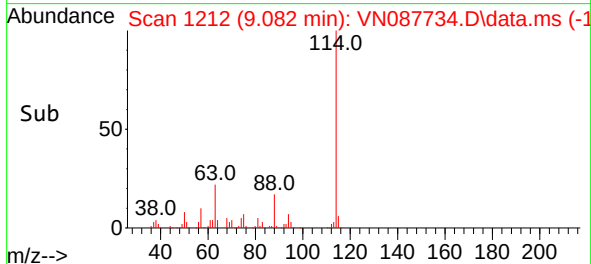


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

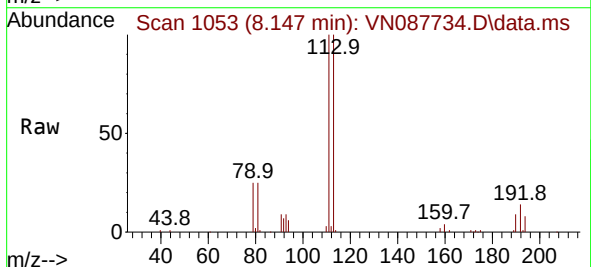
Instrument :
MSVOA_N
ClientSampleId :
VN0905MBL01



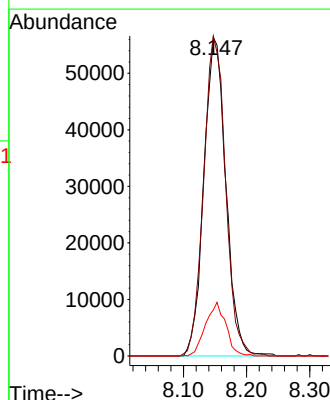
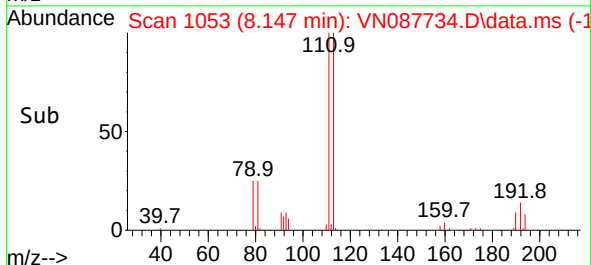
Tgt Ion:114 Resp: 367612
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.2
88 17.0 0.0 33.4

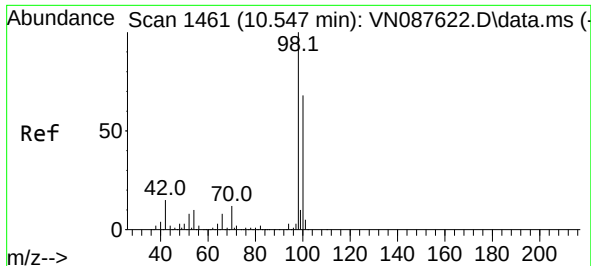


#35
Dibromofluoromethane
Concen: 51.443 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52



Tgt Ion:113 Resp: 136537
Ion Ratio Lower Upper
113 100
111 99.9 82.8 124.2
192 15.6 12.8 19.2

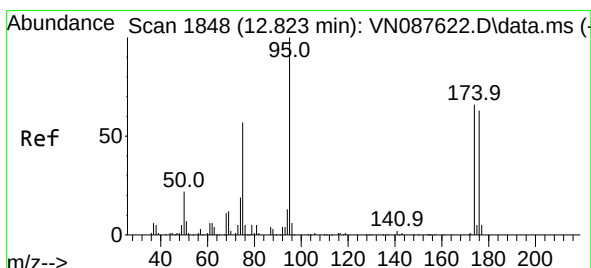
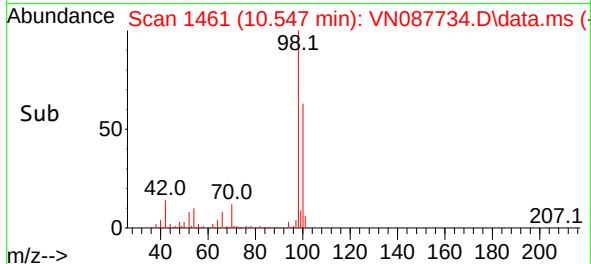
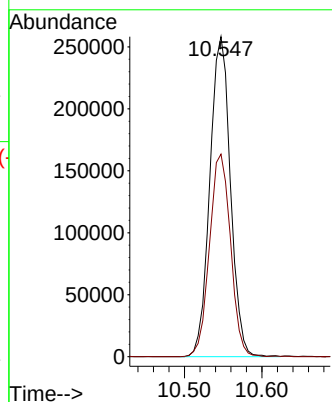
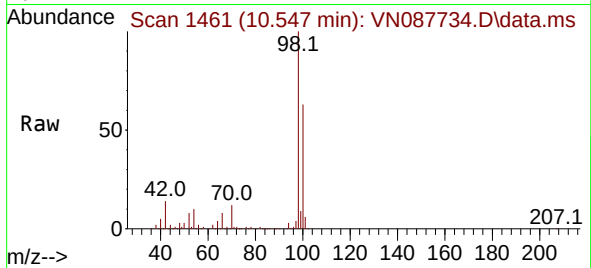




#50
Toluene-d8
Concen: 47.914 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

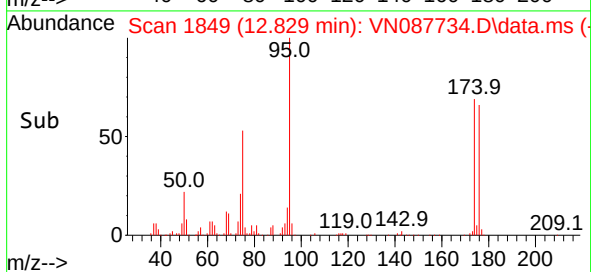
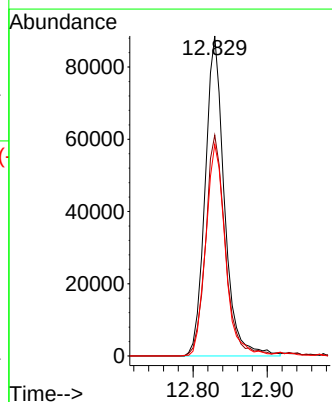
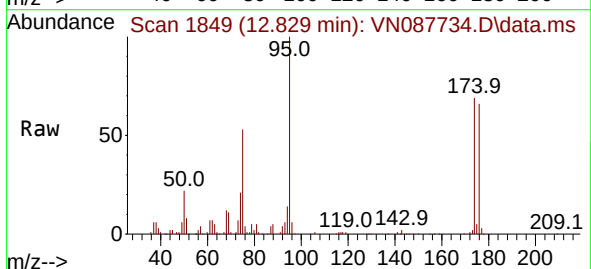
Instrument :
MSVOA_N
ClientSampleId :
VN0905MBL01

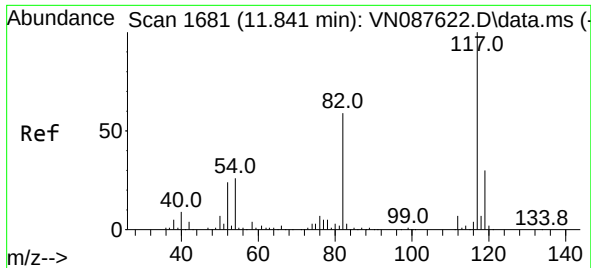
Tgt Ion: 98 Resp: 475974
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.080 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Tgt Ion: 95 Resp: 159261
Ion Ratio Lower Upper
95 100
174 70.6 0.0 138.4
176 67.5 0.0 132.6

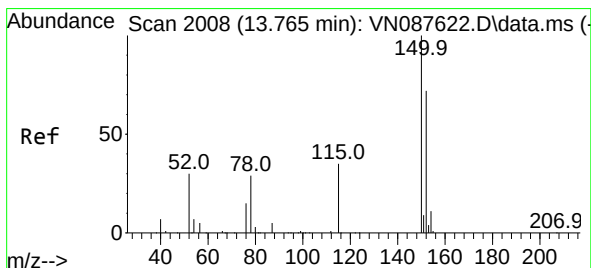
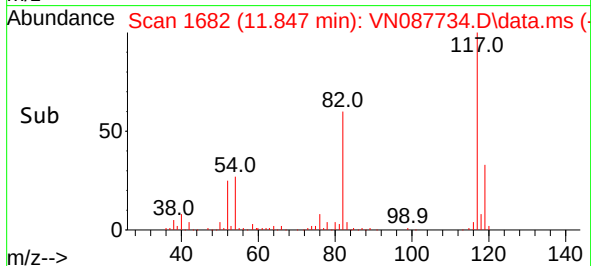
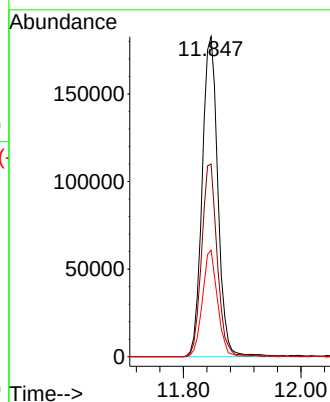
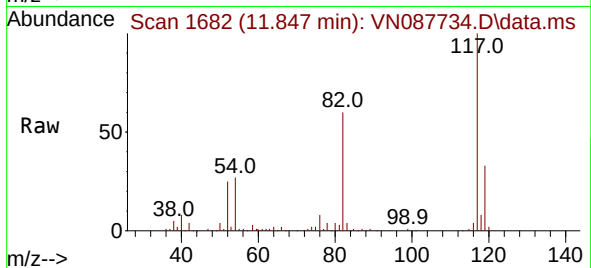




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087734.D
Acq: 05 Sep 2025 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0905MBL01

Tgt Ion:117 Resp: 339404
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 33.3 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: VN087734.D
Acq: 05 Sep 2025 11:52

Tgt Ion:152 Resp: 155299
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 162.1 0.0 351.0

