

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
 Data File : VN087630.D
 Acq On : 22 Aug 2025 10:47
 Operator : JC\MD
 Sample : VN0822WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBL01

Quant Time: Aug 25 01:16:17 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	212794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	479771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	448296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	206141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	234010	53.673	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.340%	
35) Dibromofluoromethane	8.147	113	171259	49.441	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.880%	
50) Toluene-d8	10.547	98	624323	48.155	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.300%	
62) 4-Bromofluorobenzene	12.823	95	219804	47.672	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.340%	

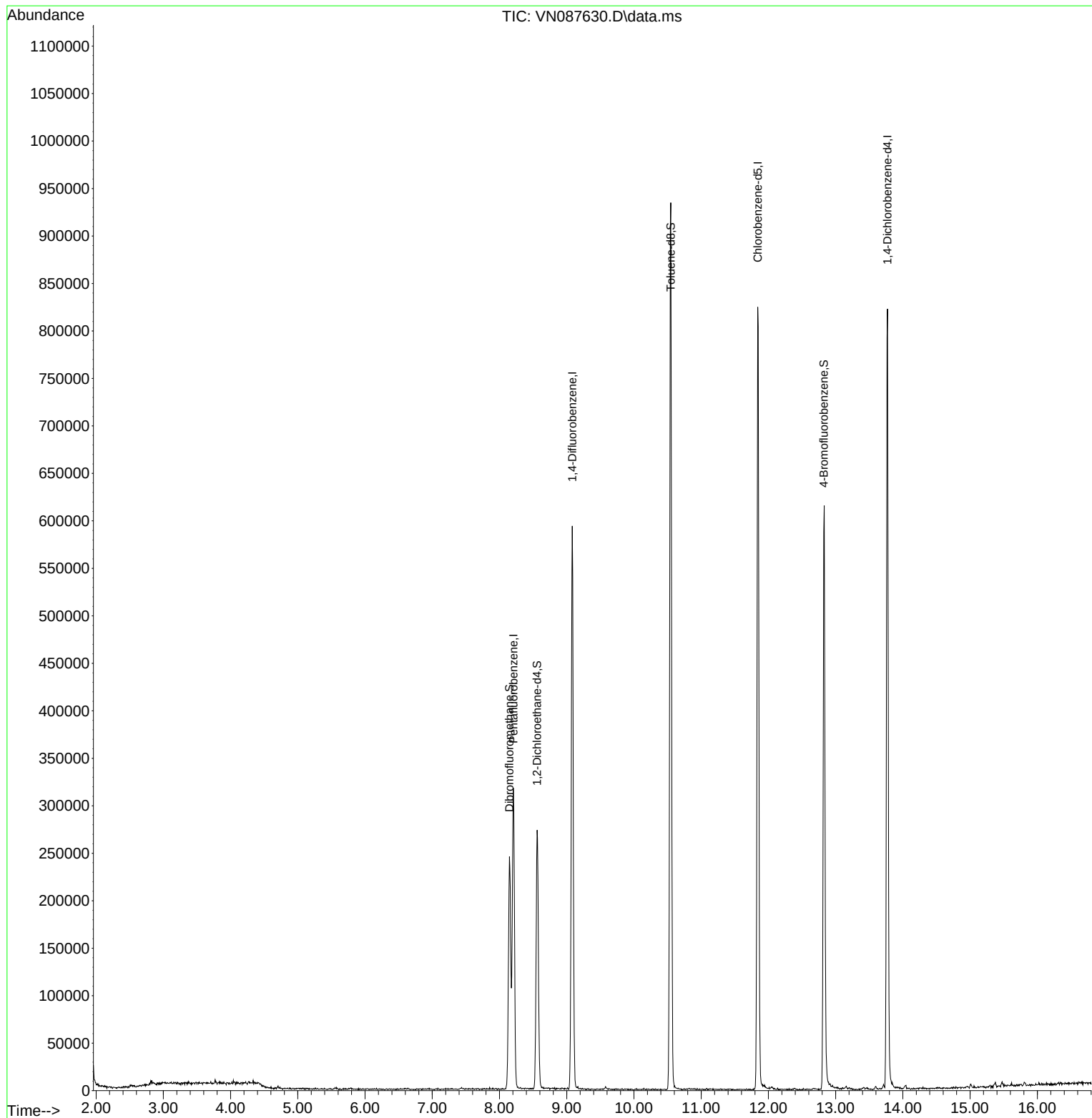
Target Compounds	Qvalue

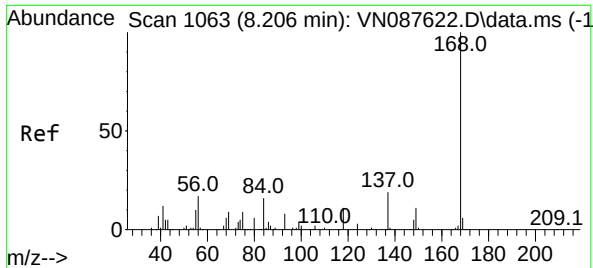
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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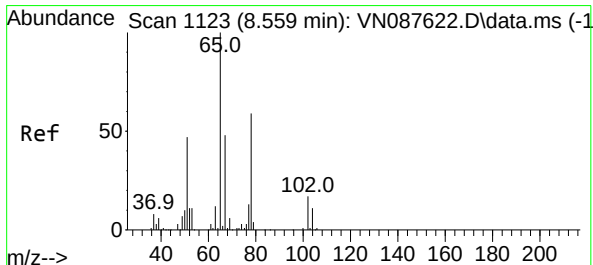
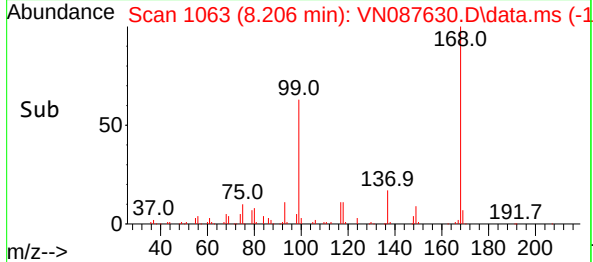
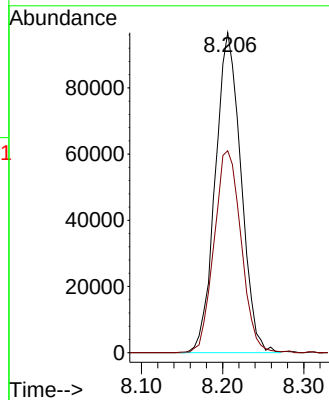
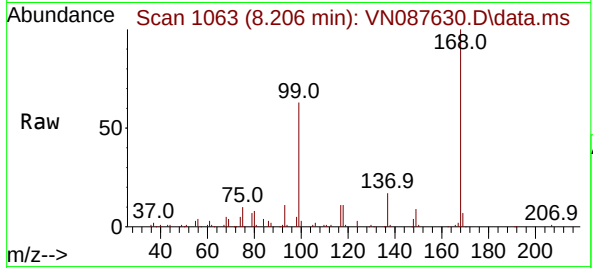




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087630.D
Acq: 22 Aug 2025 10:47

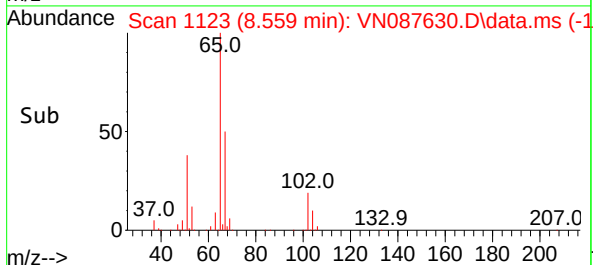
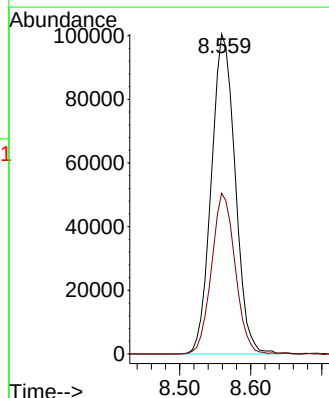
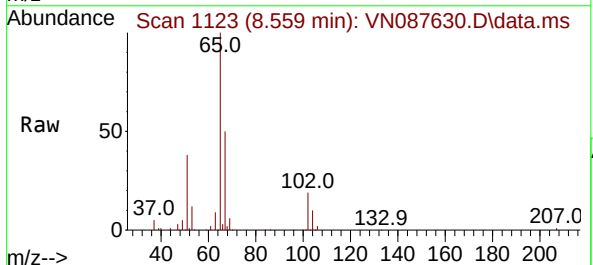
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBL01

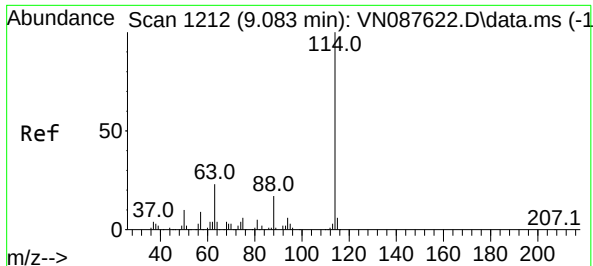
Tgt Ion:168 Resp: 212794
Ion Ratio Lower Upper
168 100
99 62.9 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 53.673 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087630.D
Acq: 22 Aug 2025 10:47

Tgt Ion: 65 Resp: 234010
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.0

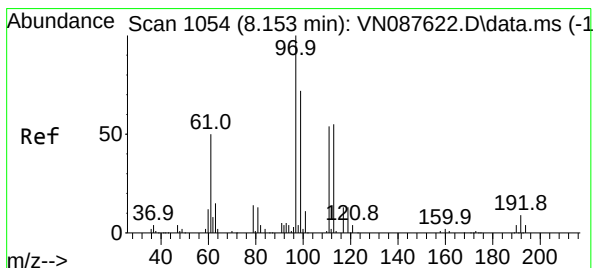
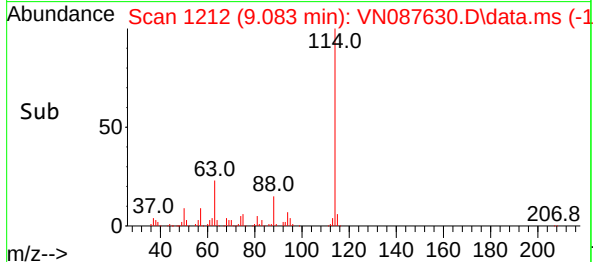
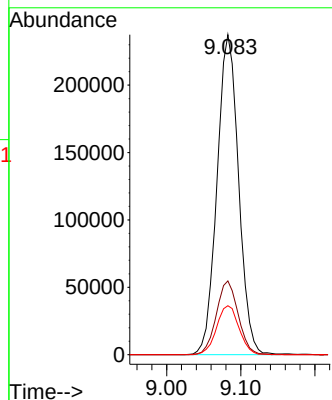
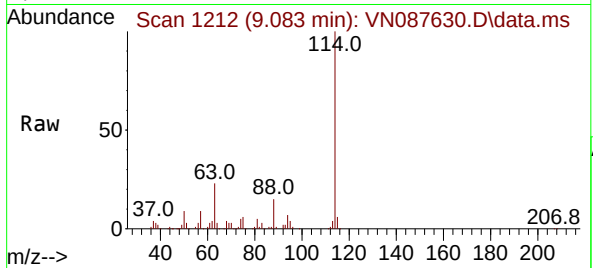




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN087630.D
Acq: 22 Aug 2025 10:47

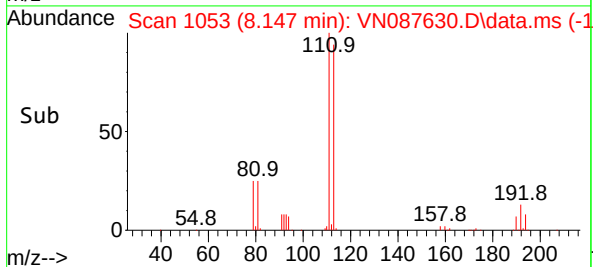
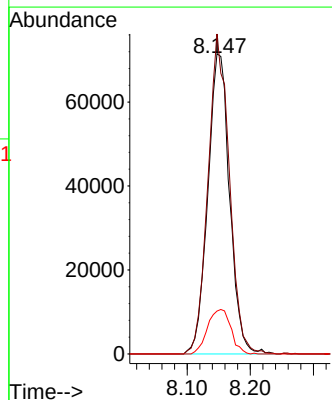
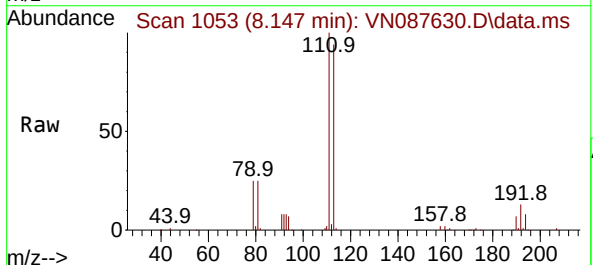
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBL01

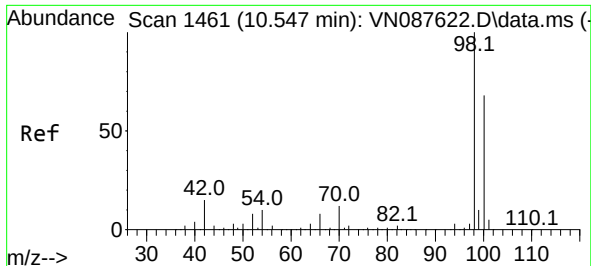
Tgt Ion:114 Resp: 479771
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.2
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.441 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087630.D
Acq: 22 Aug 2025 10:47

Tgt Ion:113 Resp: 171259
Ion Ratio Lower Upper
113 100
111 104.6 82.8 124.2
192 15.9 12.8 19.2

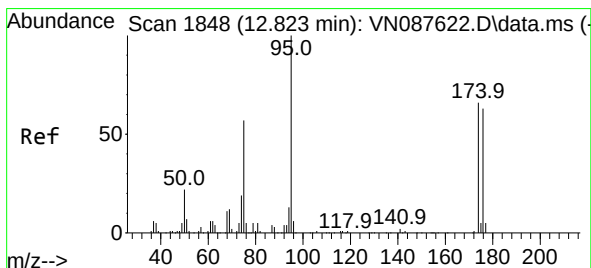
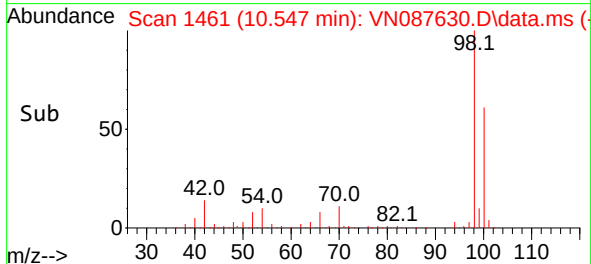
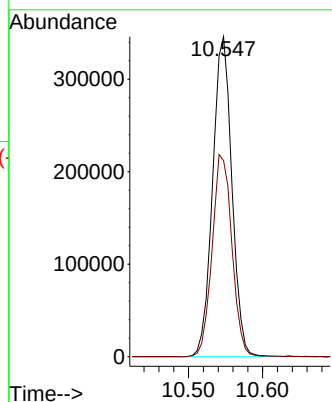
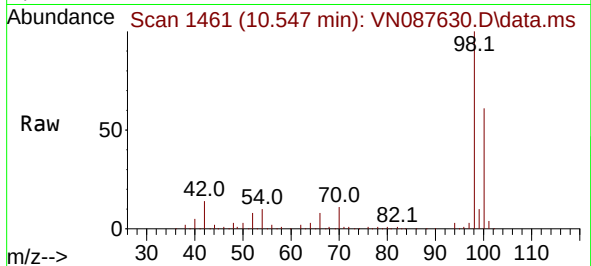




#50
Toluene-d8
Concen: 48.155 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087630.D
Acq: 22 Aug 2025 10:47

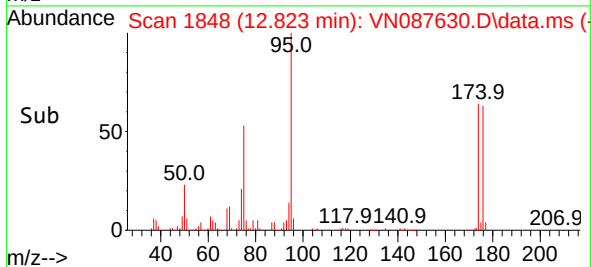
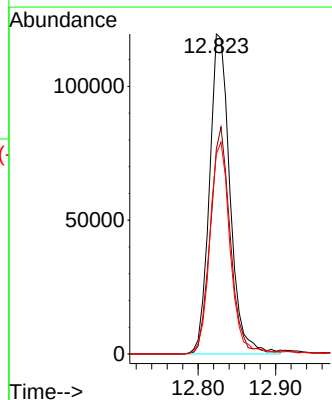
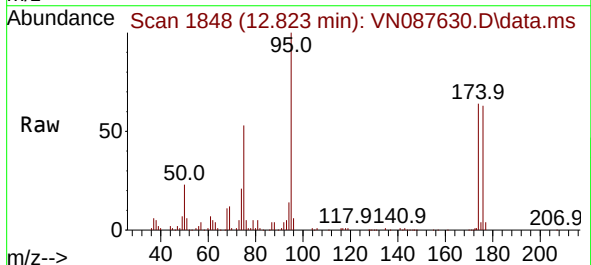
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBL01

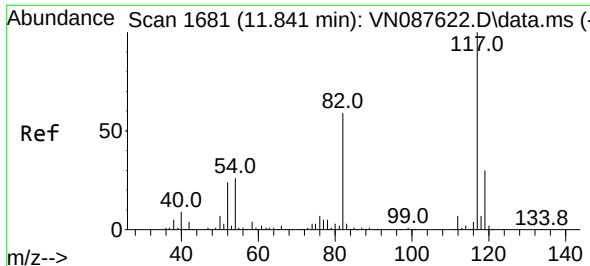
Tgt Ion: 98 Resp: 624323
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.672 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN087630.D
Acq: 22 Aug 2025 10:47

Tgt Ion: 95 Resp: 219804
Ion Ratio Lower Upper
95 100
174 68.8 0.0 138.4
176 65.4 0.0 132.6

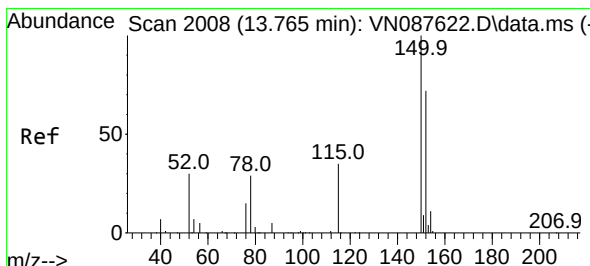
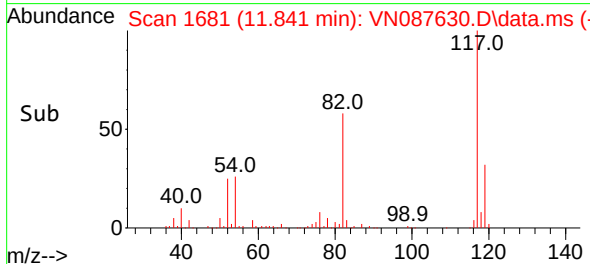
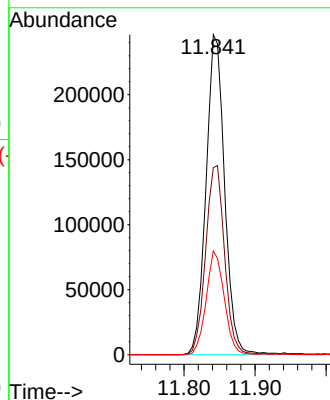
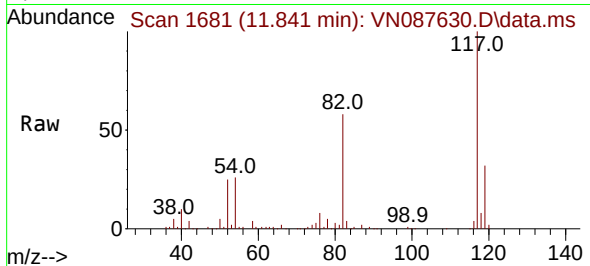




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN087630.D
Acq: 22 Aug 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBL01

Tgt Ion:117 Resp: 448296
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.4 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: VN087630.D
Acq: 22 Aug 2025 10:47

Tgt Ion:152 Resp: 206141
Ion Ratio Lower Upper
152 100
115 65.8 32.3 96.8
150 162.8 0.0 351.0

