

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081225\
 Data File : VN087503.D
 Acq On : 12 Aug 2025 10:45
 Operator : JC\MD
 Sample : VN0812MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812MBL01

Quant Time: Aug 13 02:59:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	281742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	595007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	543044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	248969	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	274408	57.401	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.800%
35) Dibromofluoromethane	8.153	113	206142	50.225	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.460%
50) Toluene-d8	10.547	98	748411	51.118	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.829	95	274137	50.681	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.360%

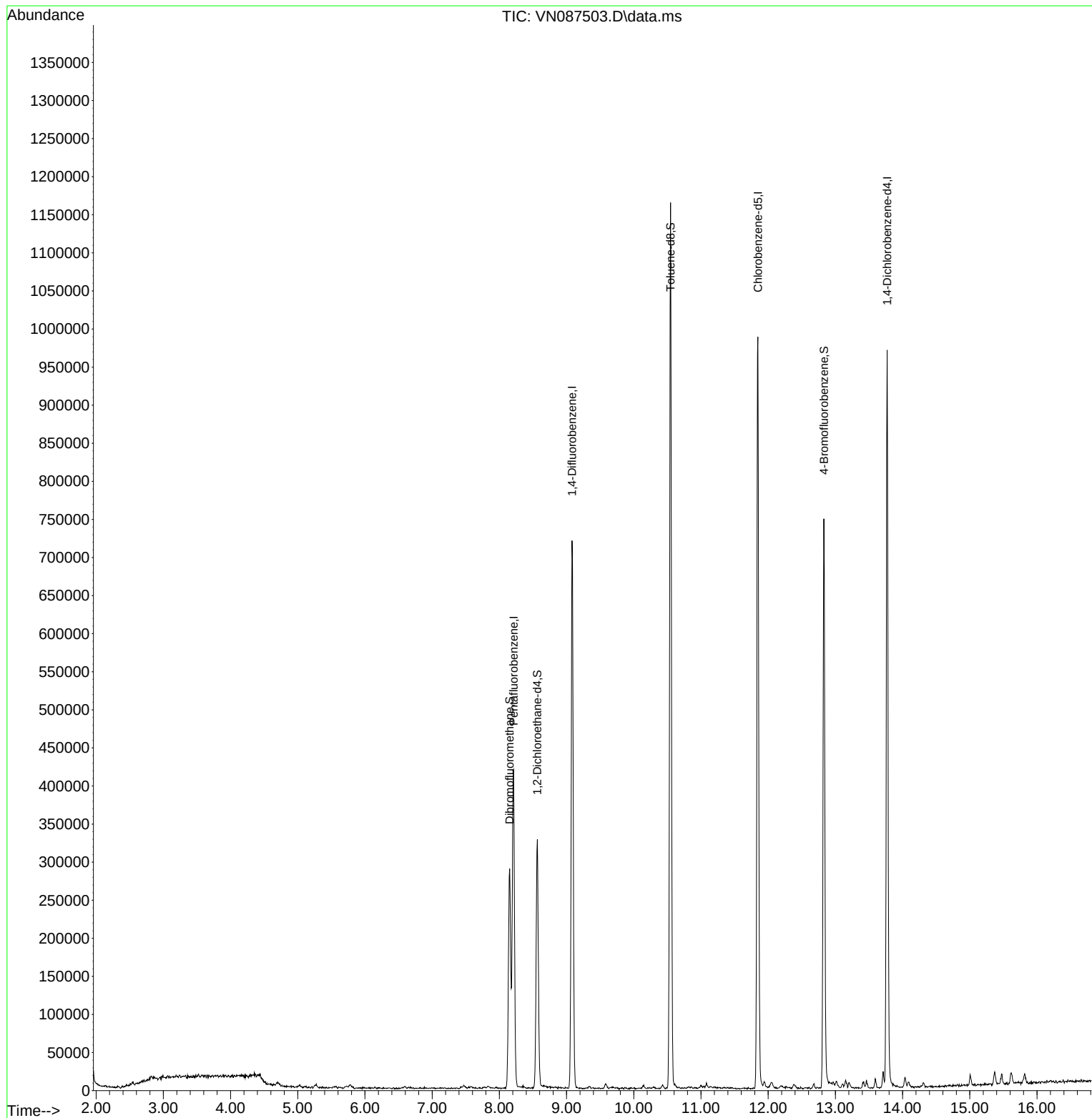
Target Compounds	Qvalue

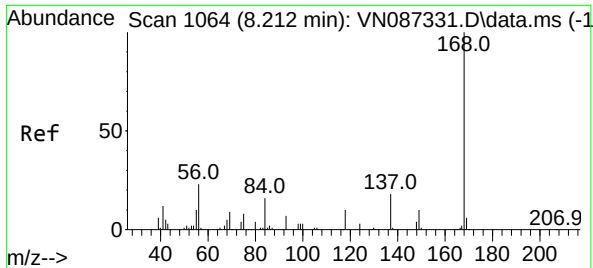
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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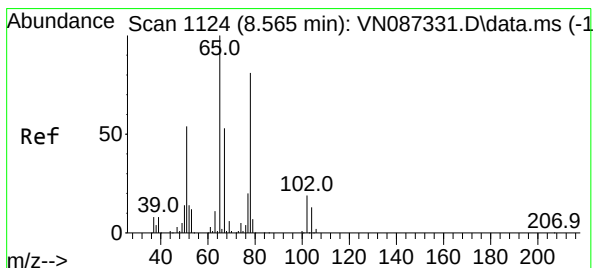
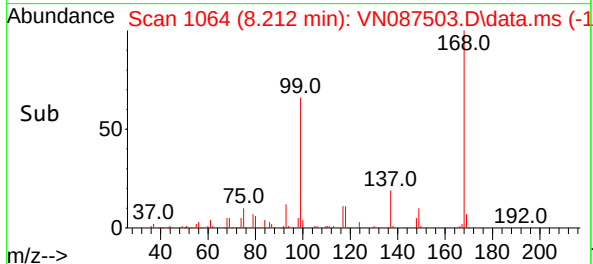
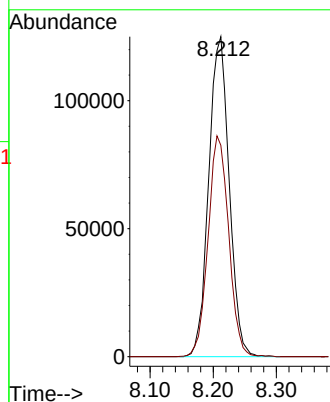
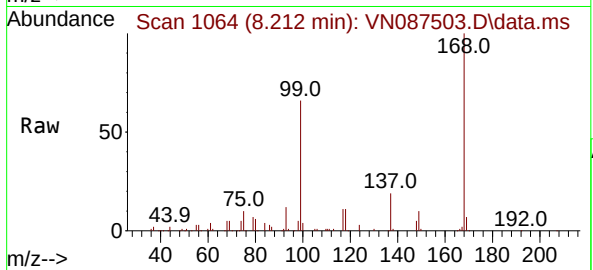




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087503.D
Acq: 12 Aug 2025 10:45

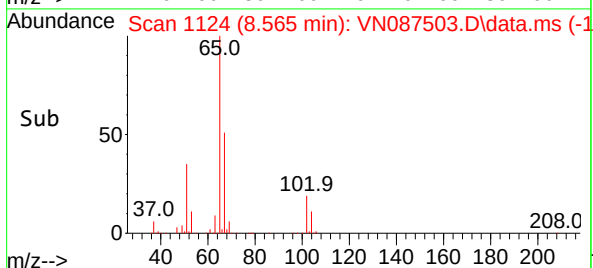
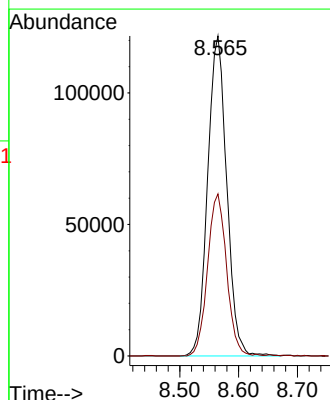
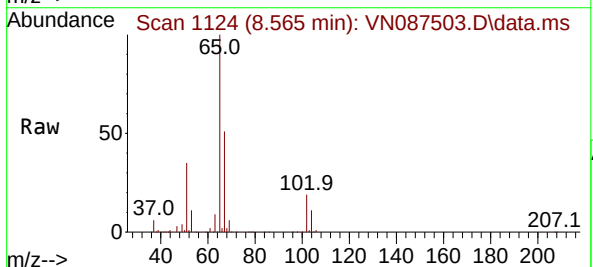
Instrument :
MSVOA_N
ClientSampleId :
VN0812MBL01

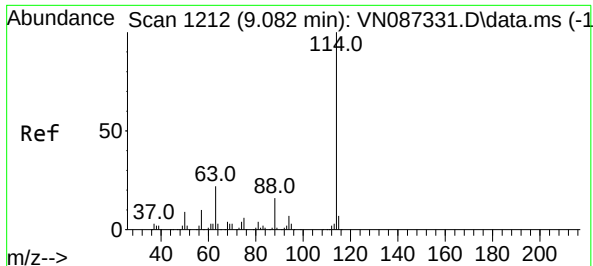
Tgt Ion:168 Resp: 281742
Ion Ratio Lower Upper
168 100
99 66.0 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 57.401 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087503.D
Acq: 12 Aug 2025 10:45

Tgt Ion: 65 Resp: 274408
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0

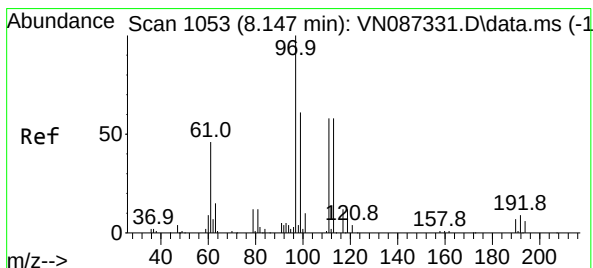
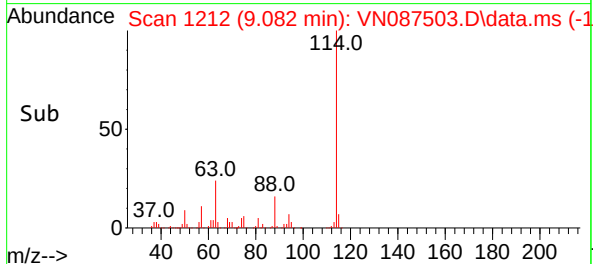
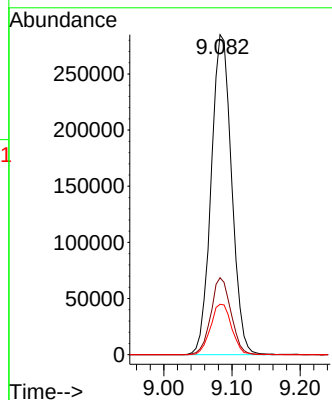
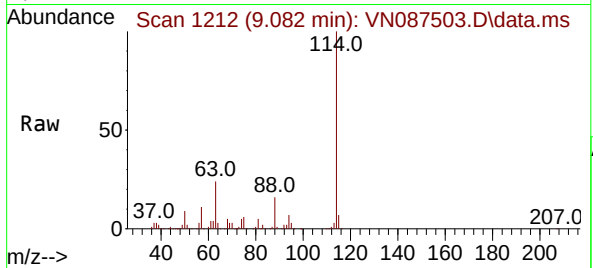




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087503.D
Acq: 12 Aug 2025 10:45

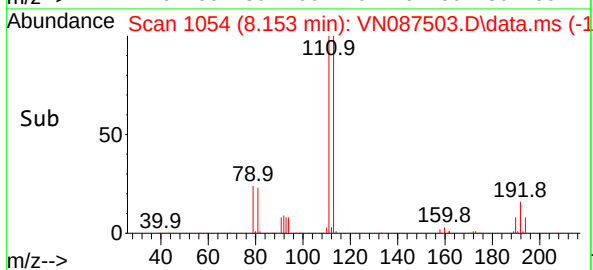
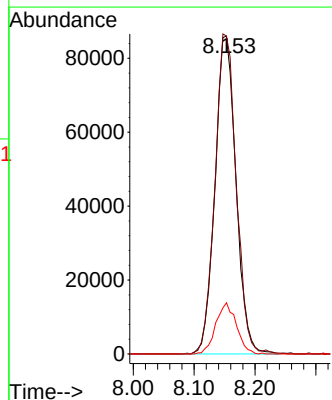
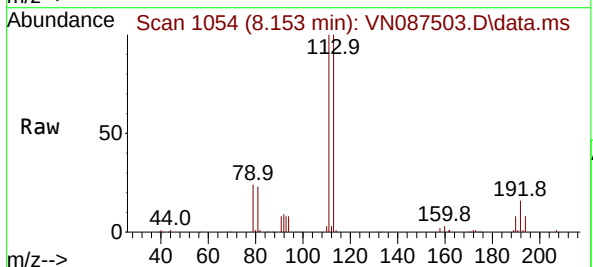
Instrument :
MSVOA_N
ClientSampleId :
VN0812MBL01

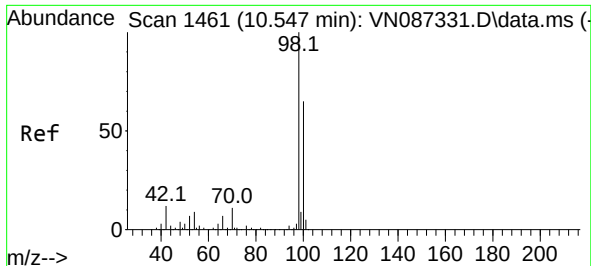
Tgt Ion:114 Resp: 595007
Ion Ratio Lower Upper
114 100
63 24.1 0.0 44.6
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.225 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087503.D
Acq: 12 Aug 2025 10:45

Tgt Ion:113 Resp: 206142
Ion Ratio Lower Upper
113 100
111 102.0 82.5 123.7
192 15.7 13.7 20.5

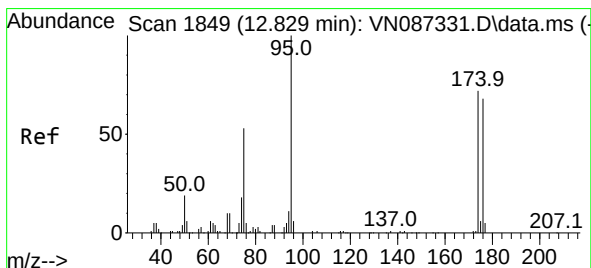
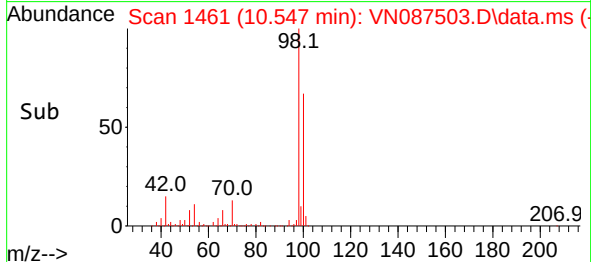
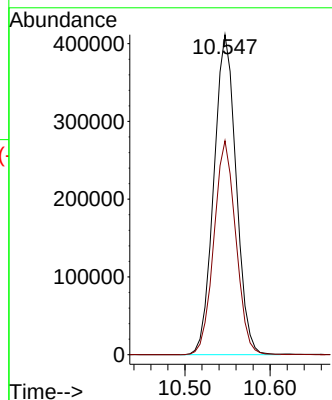
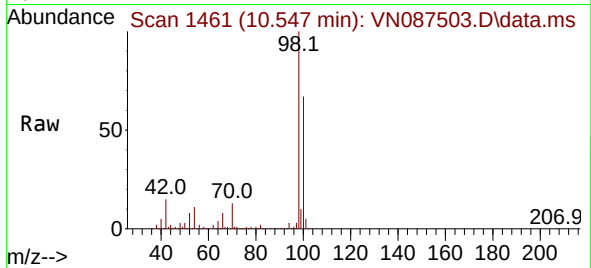




#50
Toluene-d8
Concen: 51.118 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087503.D
Acq: 12 Aug 2025 10:45

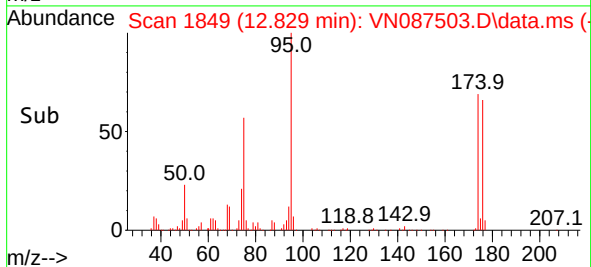
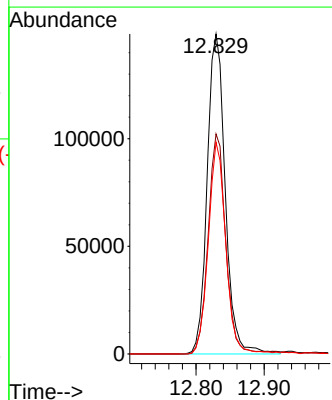
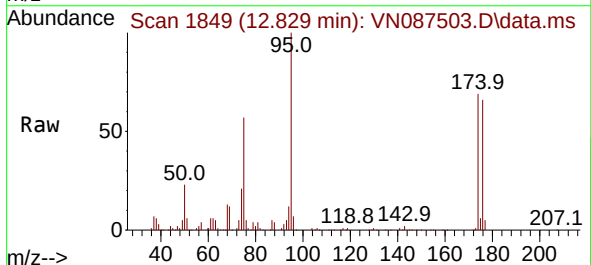
Instrument :
MSVOA_N
ClientSampleId :
VN0812MBL01

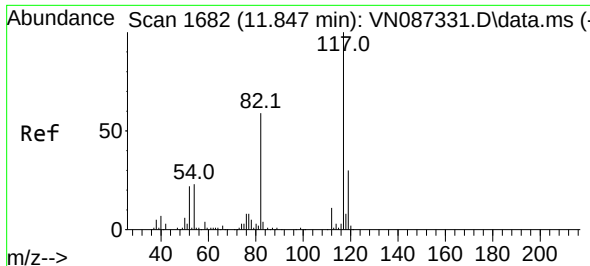
Tgt Ion: 98 Resp: 748411
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.681 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087503.D
Acq: 12 Aug 2025 10:45

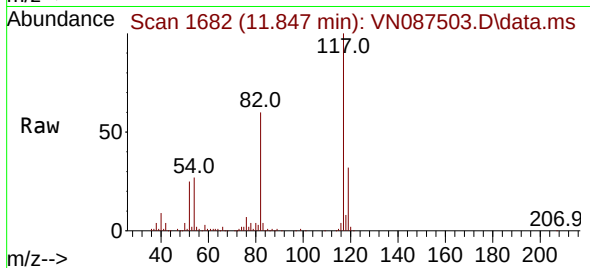
Tgt Ion: 95 Resp: 274137
Ion Ratio Lower Upper
95 100
174 67.7 0.0 149.4
176 63.9 0.0 141.2



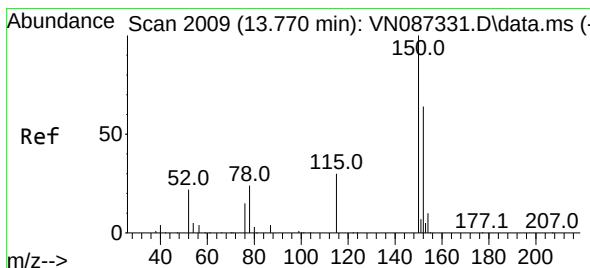
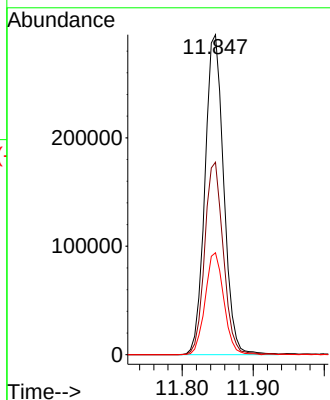
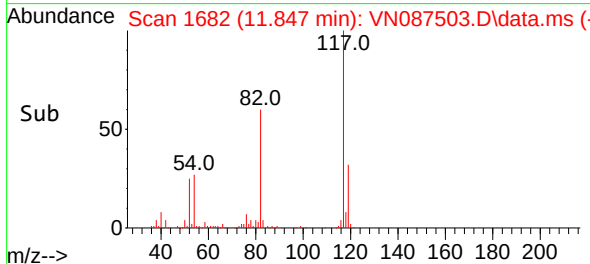


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087503.D
Acq: 12 Aug 2025 10:45

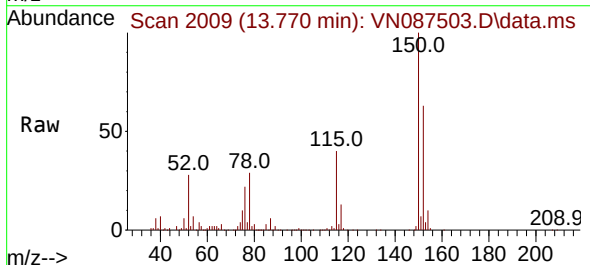
Instrument :
MSVOA_N
ClientSampleId :
VN0812MBL01



Tgt Ion:117 Resp: 543044
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 31.8 23.8 35.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087503.D
Acq: 12 Aug 2025 10:45



Tgt Ion:152 Resp: 248969
Ion Ratio Lower Upper
152 100
115 64.6 31.1 93.5
150 156.5 0.0 349.0

