

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088103.D
 Acq On : 27 Oct 2025 11:14
 Operator : JC\MD
 Sample : VN1027MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027MBL01

Quant Time: Oct 28 01:21:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	207862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	465595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	437622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	205255	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	219473	61.060	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.120%
35) Dibromofluoromethane	8.153	113	166401	53.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.400%
50) Toluene-d8	10.547	98	599234	49.719	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.829	95	222165	52.195	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.400%

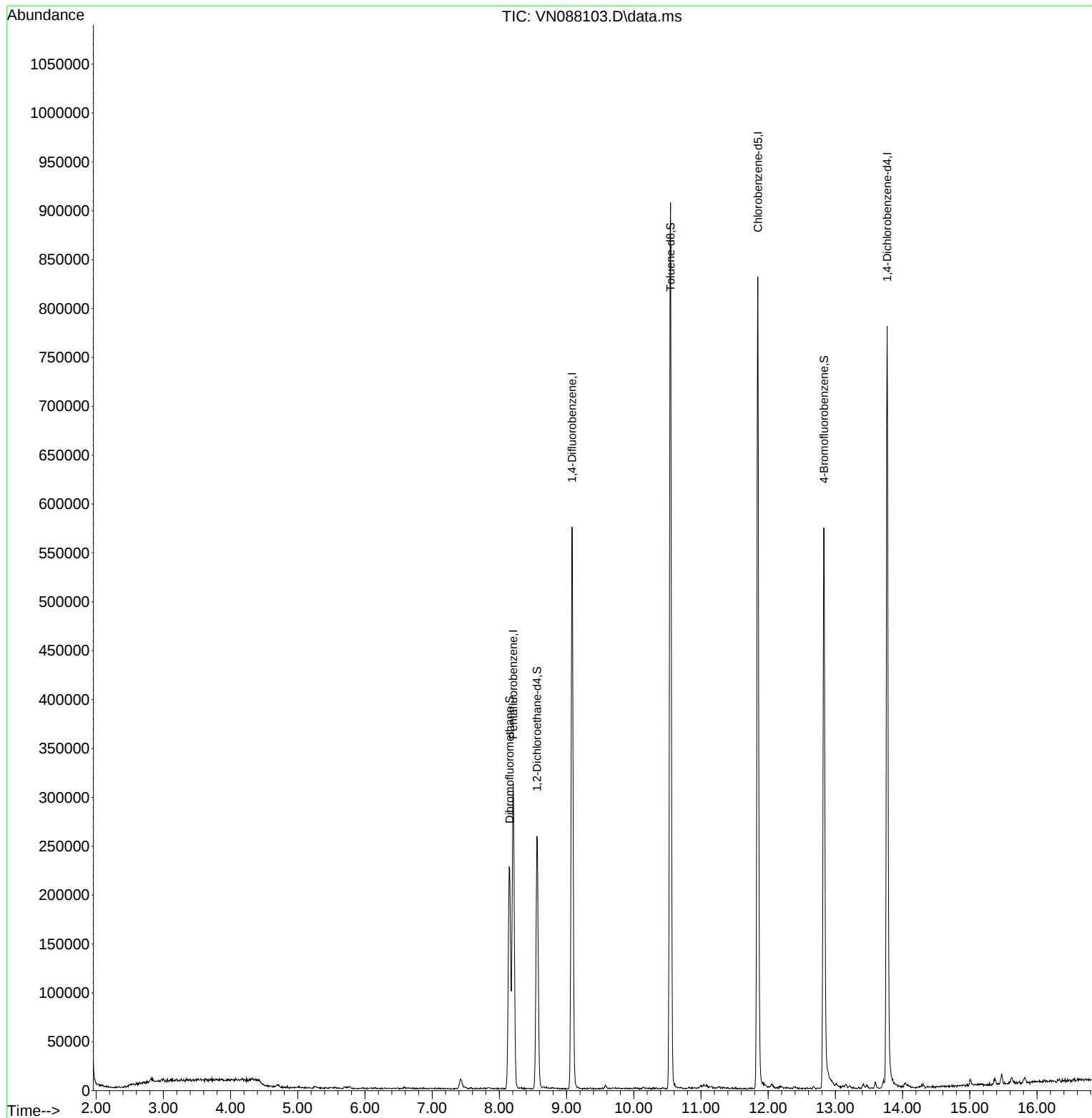
Target Compounds	Qvalue

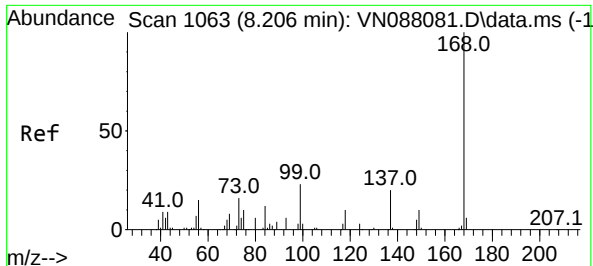
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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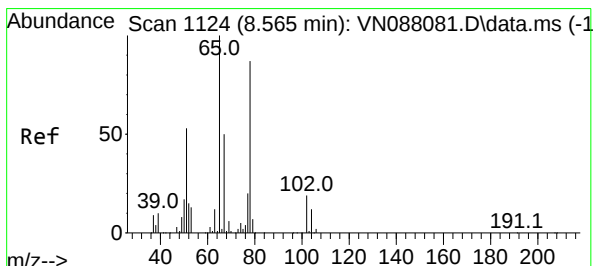
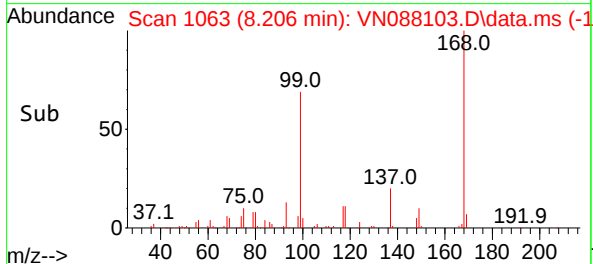
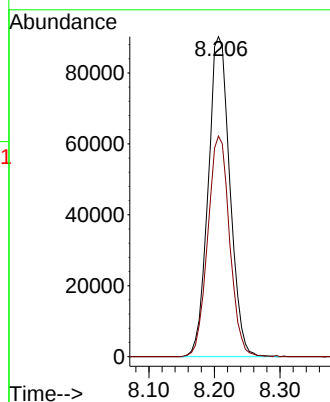
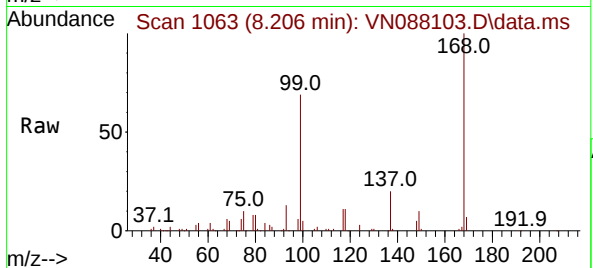




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN088103.D
Acq: 27 Oct 2025 11:14

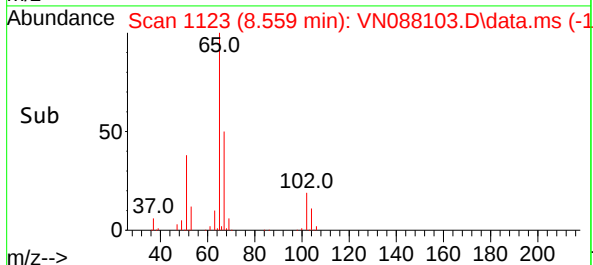
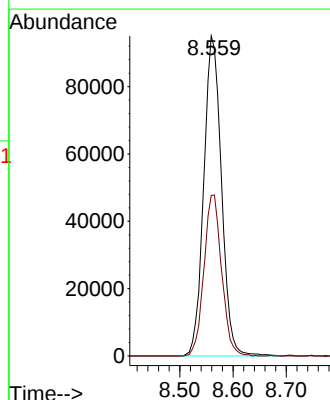
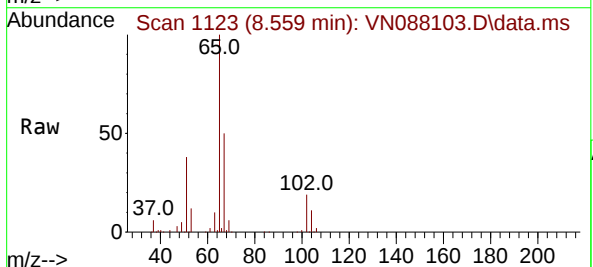
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBL01

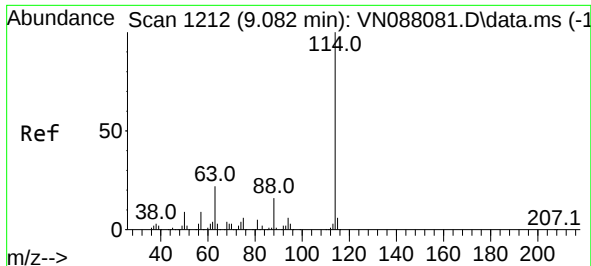
Tgt Ion:168 Resp: 207862
Ion Ratio Lower Upper
168 100
99 69.0 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 61.060 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088103.D
Acq: 27 Oct 2025 11:14

Tgt Ion: 65 Resp: 219473
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.0

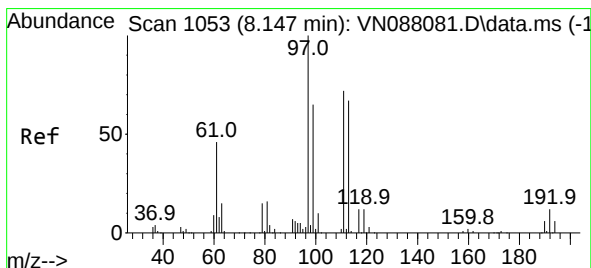
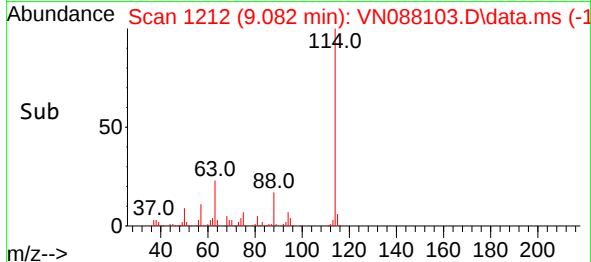
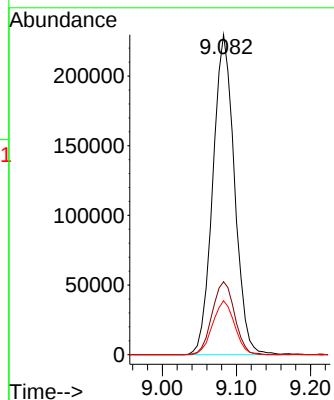
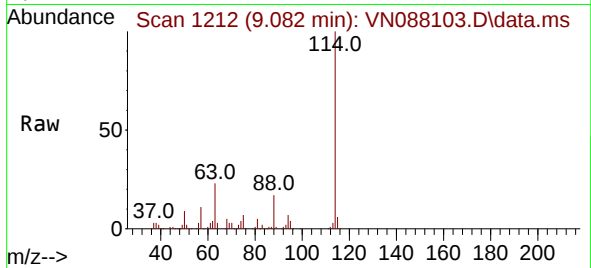




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088103.D
Acq: 27 Oct 2025 11:14

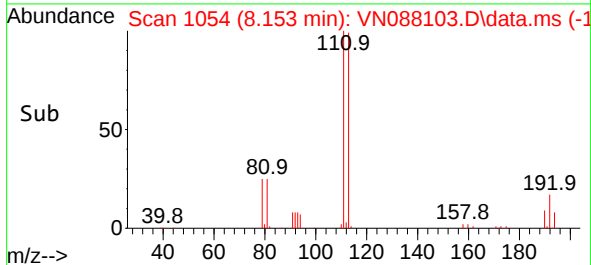
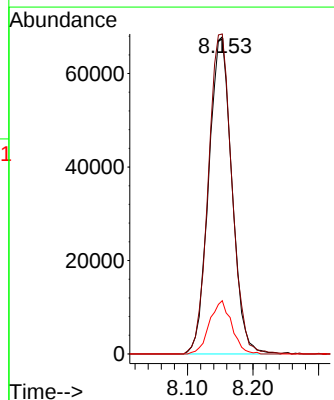
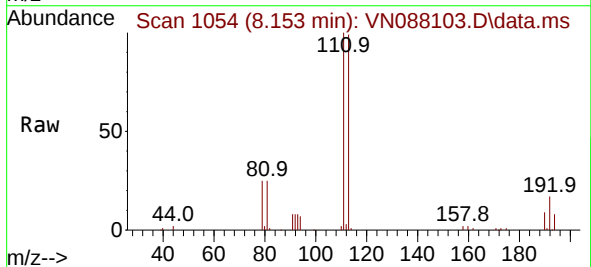
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBL01

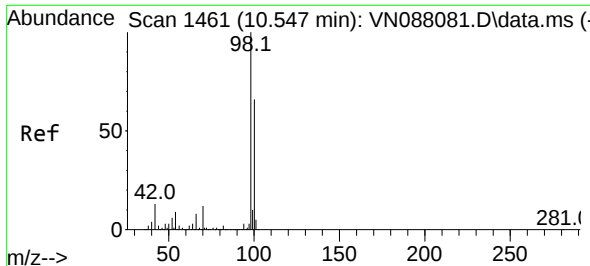
Tgt Ion:114 Resp: 465595
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.2
88 16.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 53.199 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088103.D
Acq: 27 Oct 2025 11:14

Tgt Ion:113 Resp: 166401
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 16.1 12.8 19.2

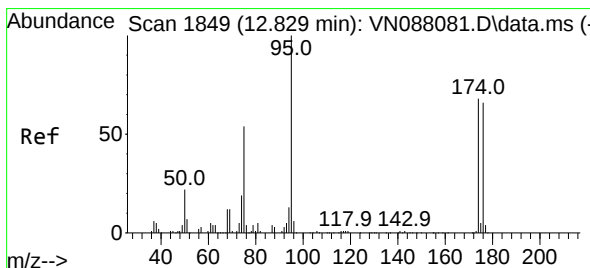
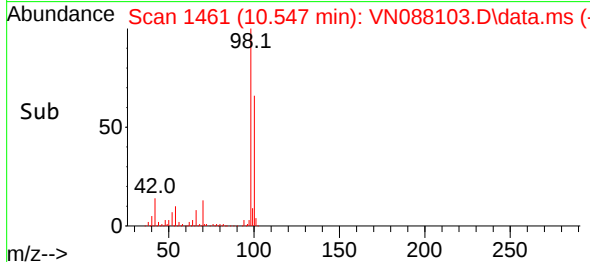
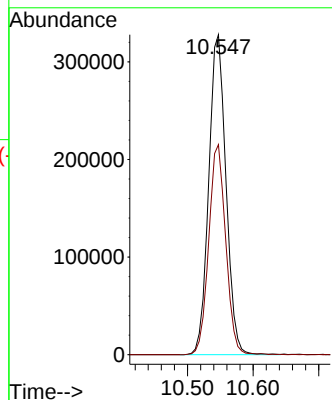
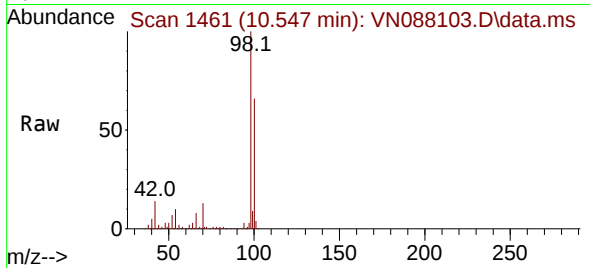




#50
Toluene-d8
Concen: 49.719 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088103.D
Acq: 27 Oct 2025 11:14

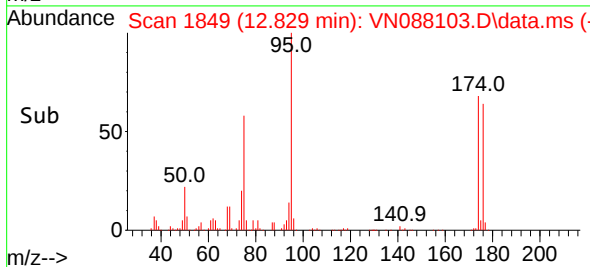
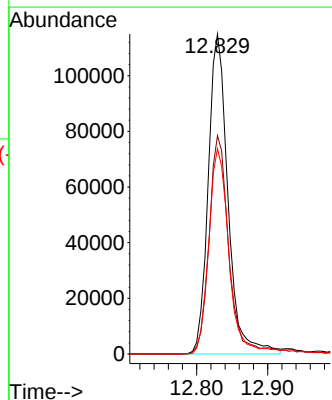
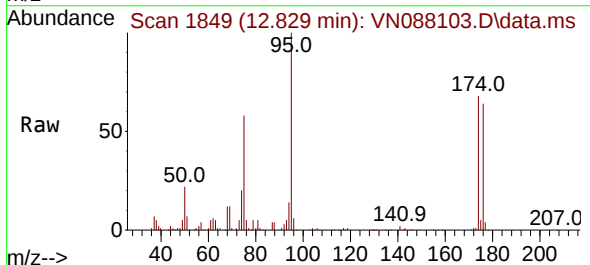
Instrument :
MSVOA_N
ClientSampleId :
VN1027MBL01

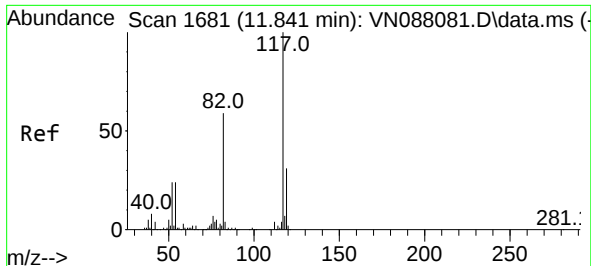
Tgt Ion: 98 Resp: 599234
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 52.195 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088103.D
Acq: 27 Oct 2025 11:14

Tgt Ion: 95 Resp: 222165
Ion Ratio Lower Upper
95 100
174 69.7 0.0 138.4
176 66.8 0.0 132.6

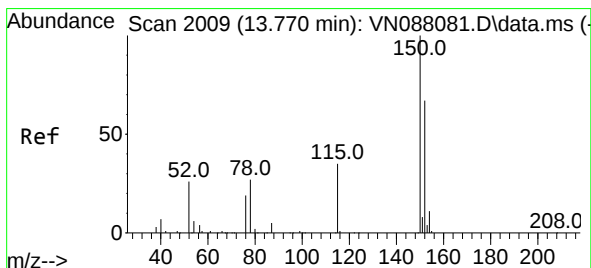
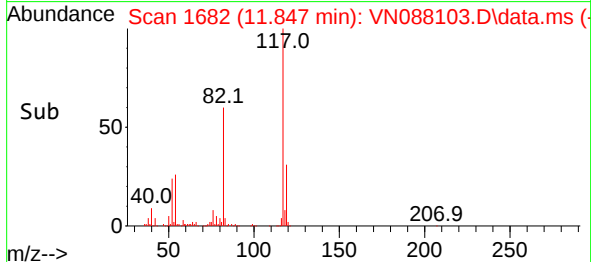
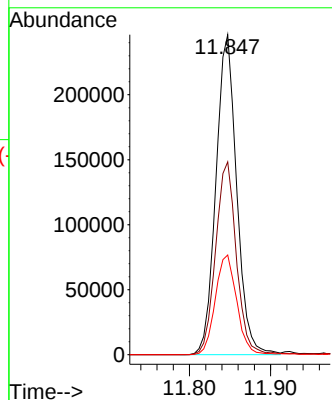
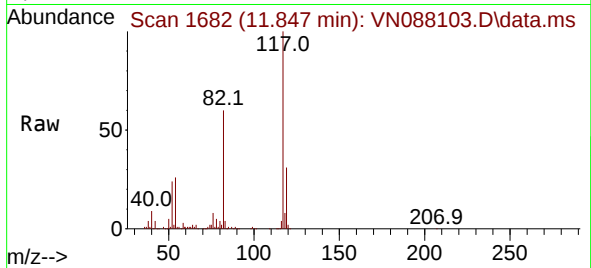




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088103.D
Acq: 27 Oct 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN1027MBL01

Tgt Ion:117 Resp: 437622
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 31.2 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: VN088103.D
Acq: 27 Oct 2025 11:14

Tgt Ion:152 Resp: 205255
Ion Ratio Lower Upper
152 100
115 67.1 32.3 96.8
150 160.4 0.0 351.0

