

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
 Data File : VN087677.D
 Acq On : 28 Aug 2025 12:09
 Operator : JC\MD
 Sample : VN0828MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828MBL01

Quant Time: Aug 29 03:15:13 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	165959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	389198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	354647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	163207	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	187733	55.211	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.420%
35) Dibromofluoromethane	8.153	113	142337	50.654	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.300%
50) Toluene-d8	10.547	98	505630	48.076	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.160%
62) 4-Bromofluorobenzene	12.829	95	168747	45.116	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.240%

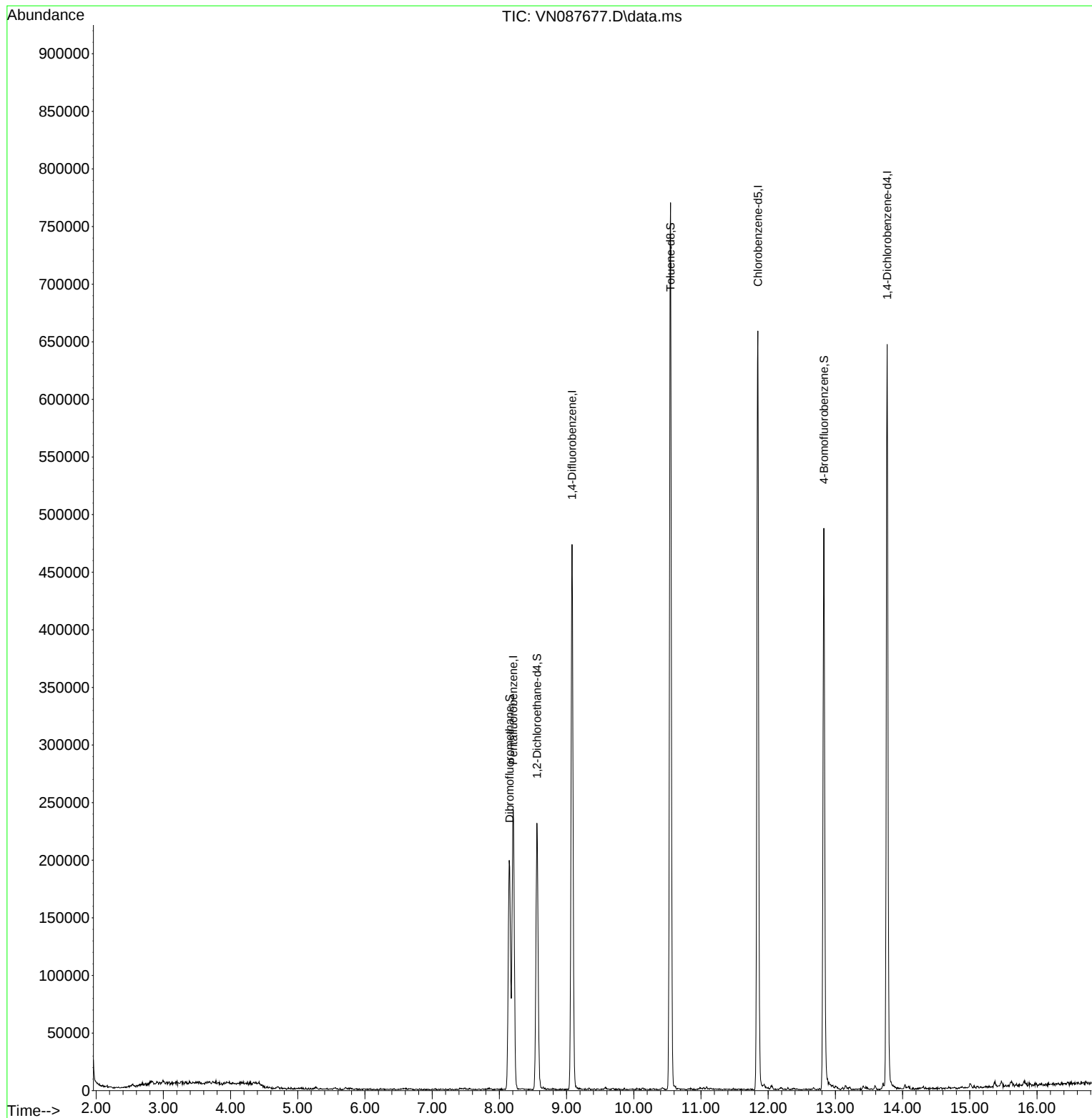
Target Compounds	Qvalue

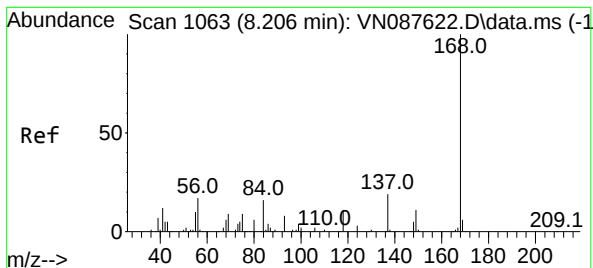
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082825\
Data File : VN087677.D
Acq On : 28 Aug 2025 12:09
Operator : JC\MD
Sample : VN0828MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Quant Time: Aug 29 03:15:13 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

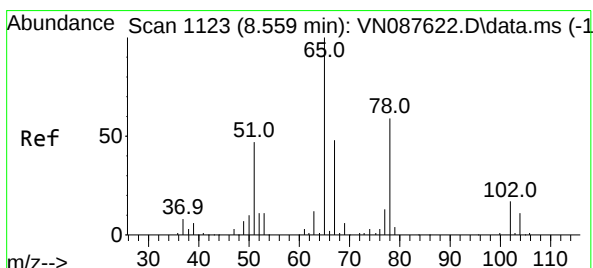
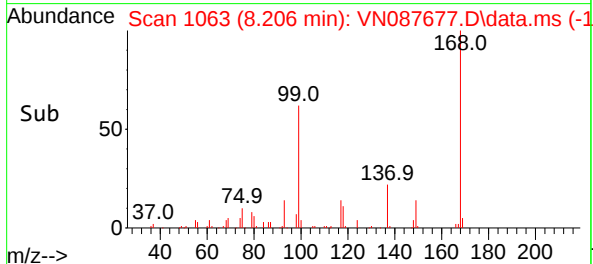
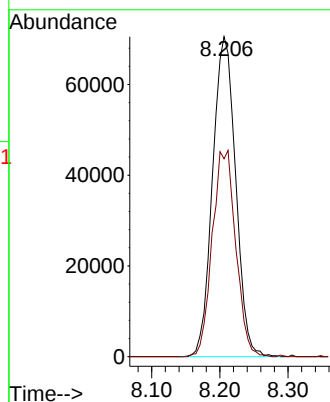
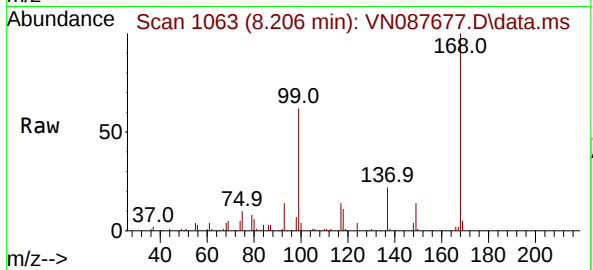




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

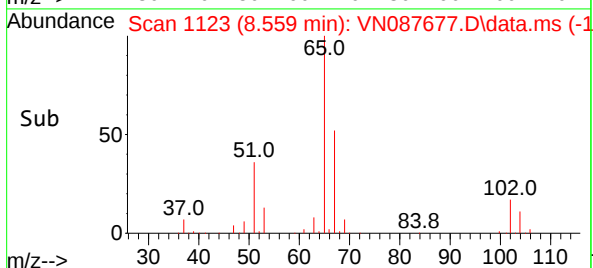
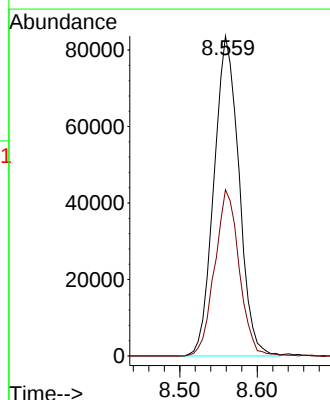
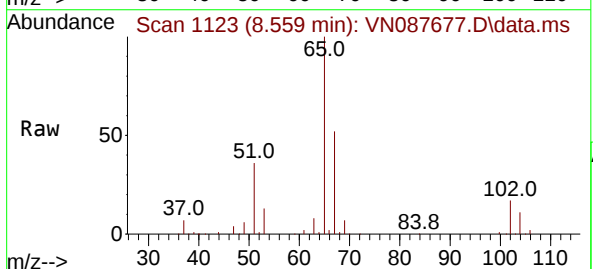
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

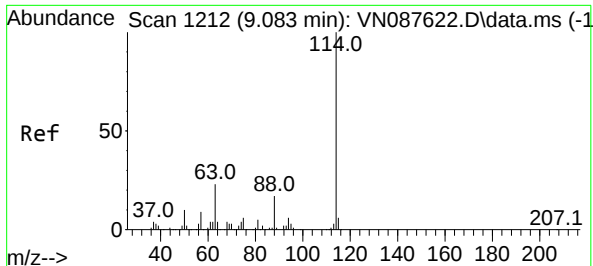
Tgt Ion:168 Resp: 165959
Ion Ratio Lower Upper
168 100
99 61.8 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 55.211 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

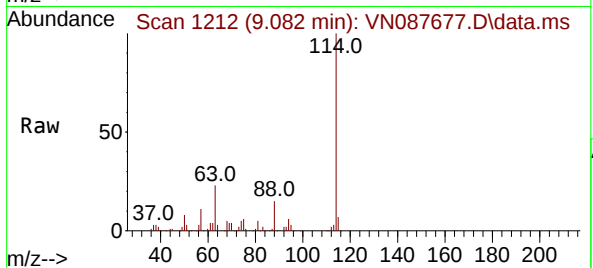
Tgt Ion: 65 Resp: 187733
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.0



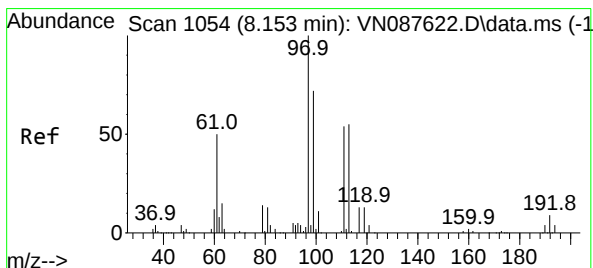
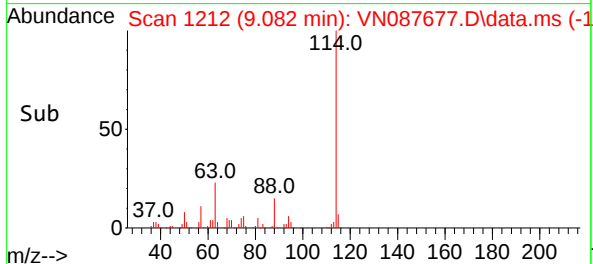
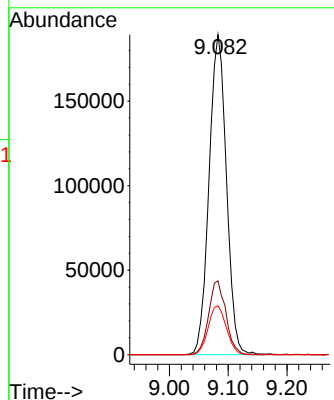


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

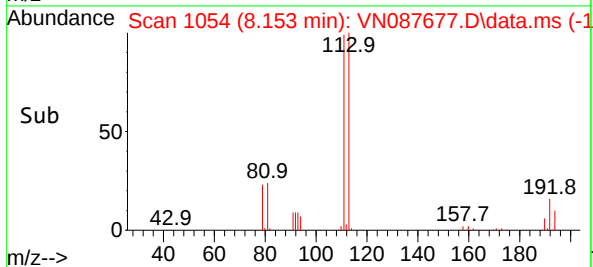
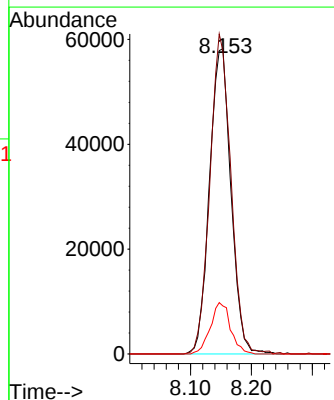
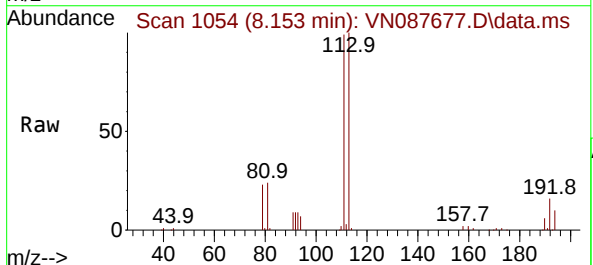


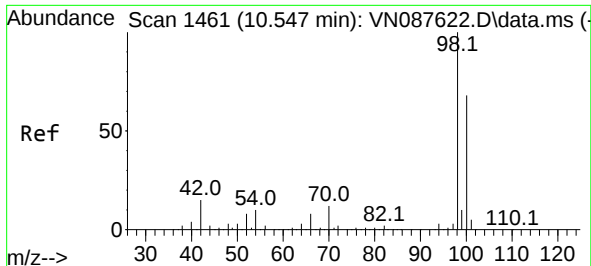
Tgt Ion:	114	Resp:	389198
Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.2
88	15.3	0.0	33.4



#35
Dibromofluoromethane
Concen: 50.654 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion:	113	Resp:	142337
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	15.9	12.8	19.2

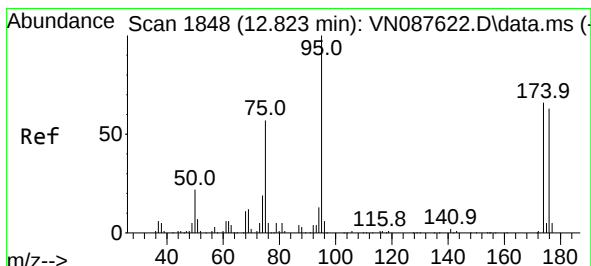
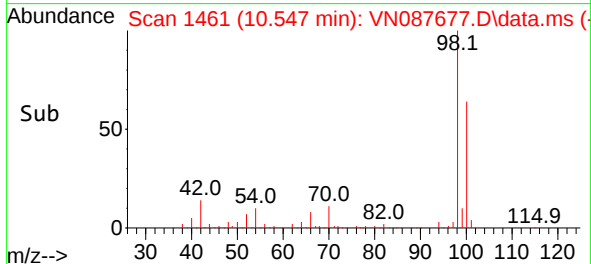
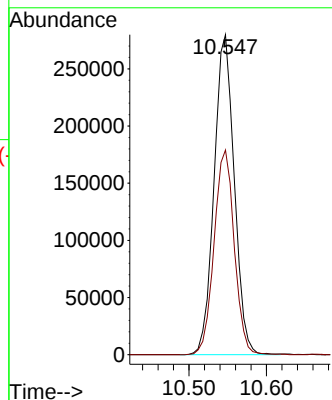
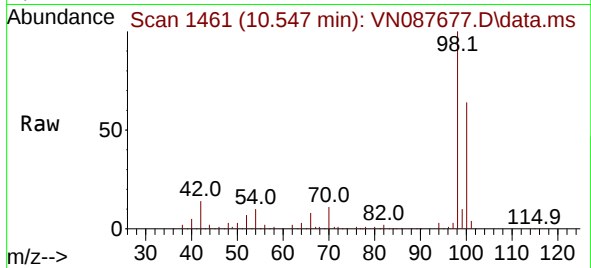




#50
Toluene-d8
Concen: 48.076 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

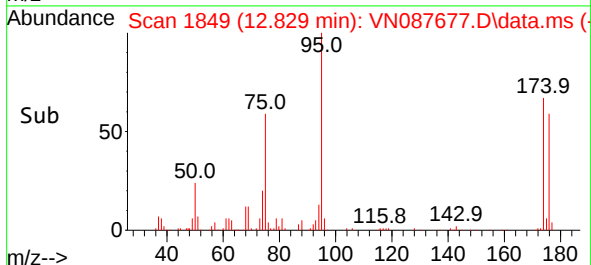
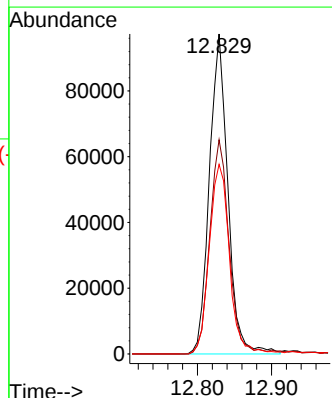
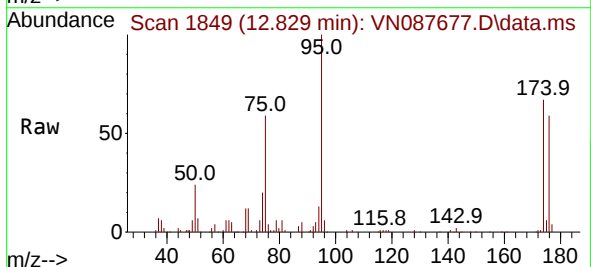
Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

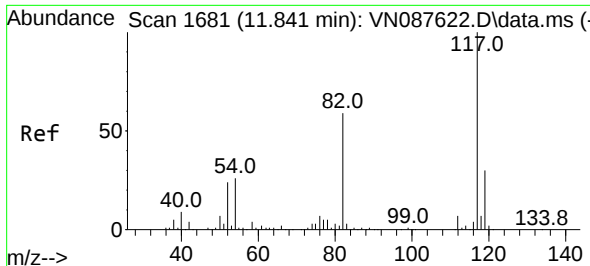
Tgt Ion: 98 Resp: 505630
Ion Ratio Lower Upper
98 100
100 64.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.116 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion: 95 Resp: 168747
Ion Ratio Lower Upper
95 100
174 69.7 0.0 138.4
176 64.8 0.0 132.6

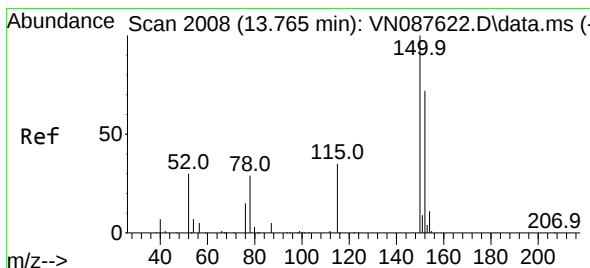
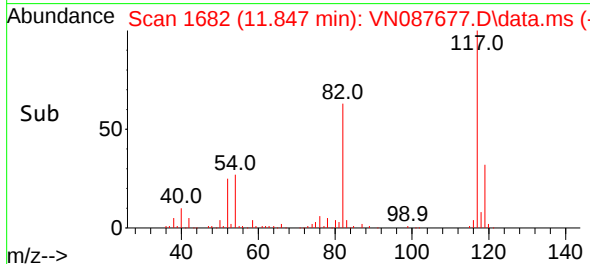
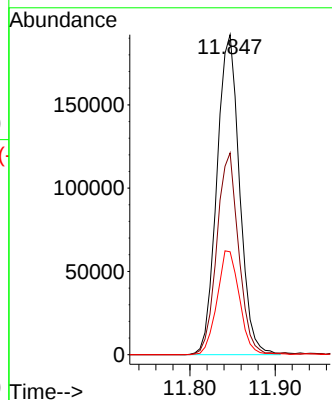
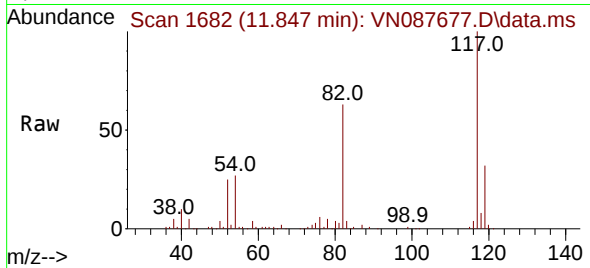




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087677.D
Acq: 28 Aug 2025 12:09

Instrument :
MSVOA_N
ClientSampleId :
VN0828MBL01

Tgt Ion:117 Resp: 354647
Ion Ratio Lower Upper
117 100
82 63.1 47.4 71.2
119 32.2 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: VN087677.D
Acq: 28 Aug 2025 12:09

Tgt Ion:152 Resp: 163207
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 157.6 0.0 351.0

