

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070325\
 Data File : VN087261.D
 Acq On : 03 Jul 2025 11:24
 Operator : JC\MD
 Sample : VN0703MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0703MBL01

Quant Time: Jul 04 01:27:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	184477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	352055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	158732	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	134699	58.178	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.360%
35) Dibromofluoromethane	8.177	113	118625	52.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.240%
50) Toluene-d8	10.565	98	431290	49.085	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.847	95	143110	45.776	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.560%

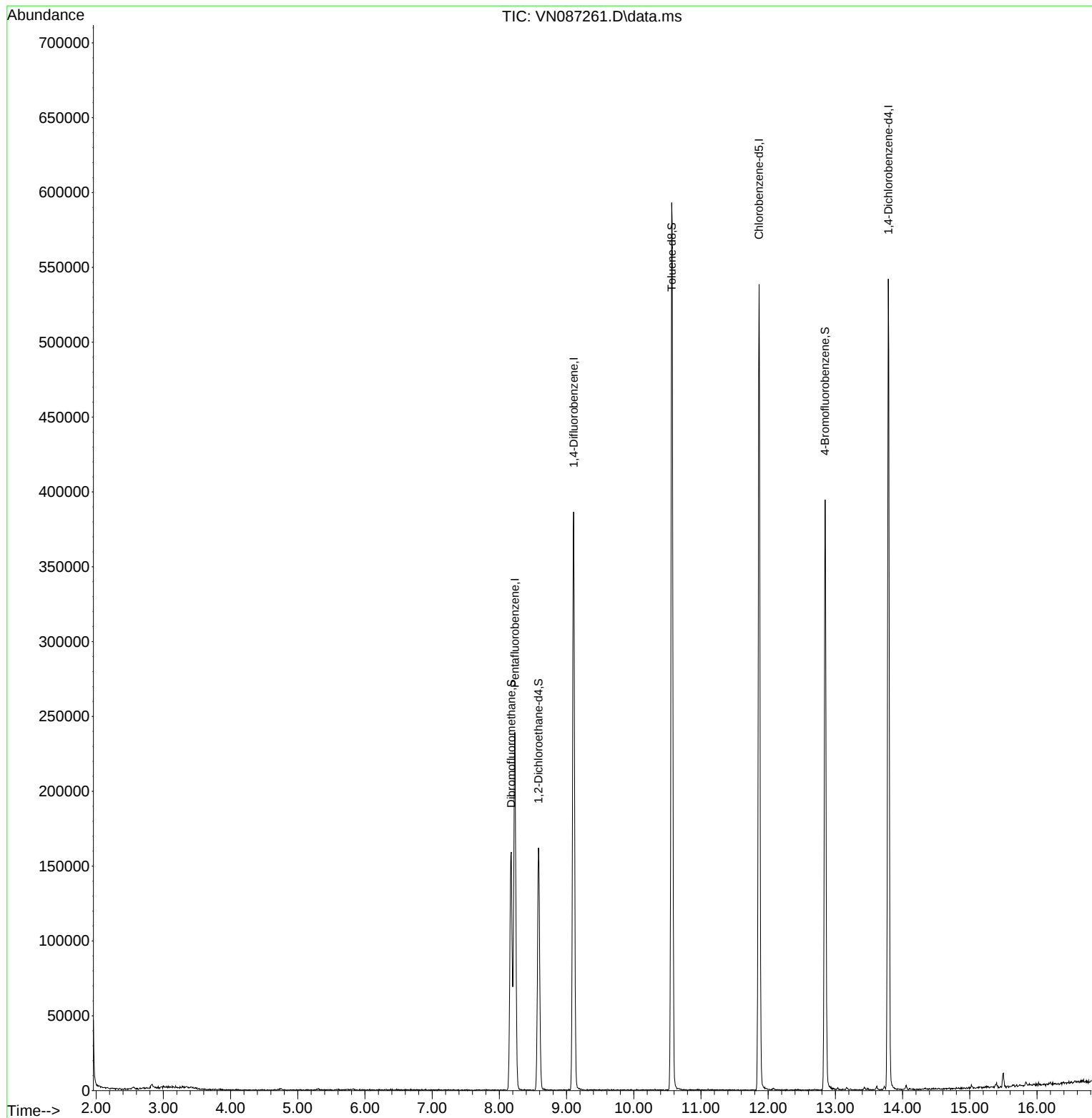
Target Compounds	Qvalue

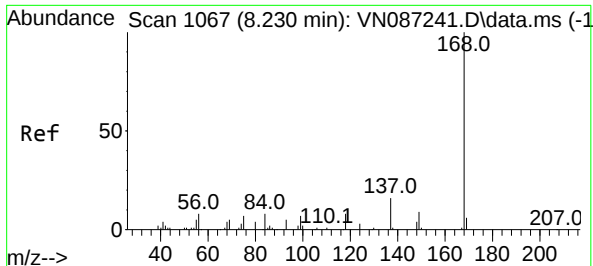
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070325\
Data File : VN087261.D
Acq On : 03 Jul 2025 11:24
Operator : JC\MD
Sample : VN0703MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0703MBL01

Quant Time: Jul 04 01:27:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 2025
Response via : Initial Calibration

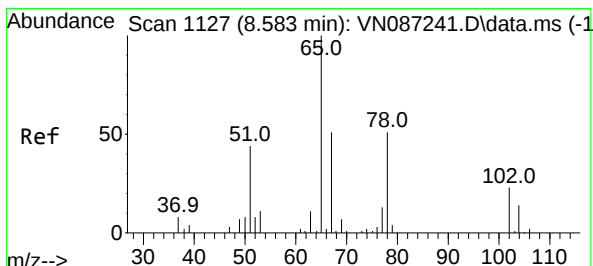
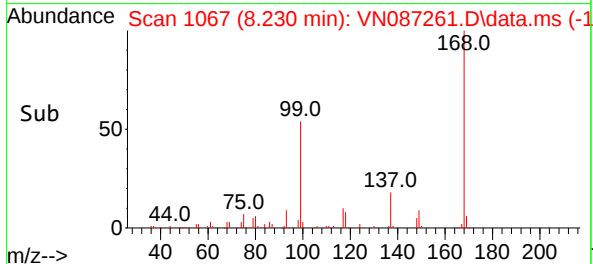
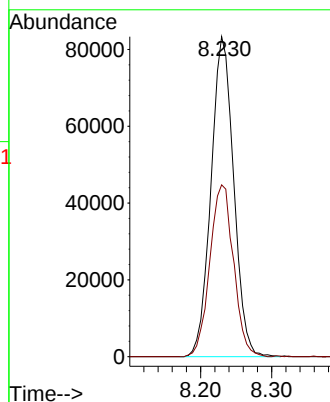
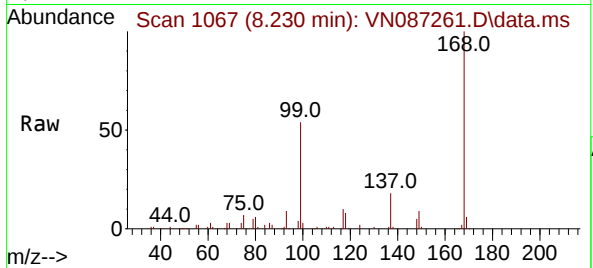




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087261.D
Acq: 03 Jul 2025 11:24

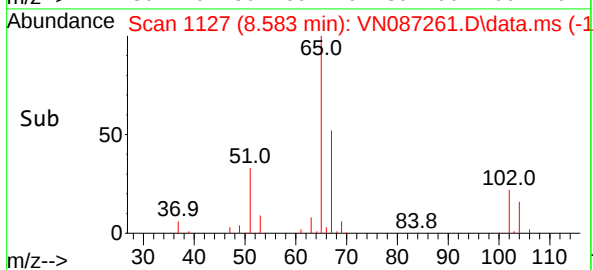
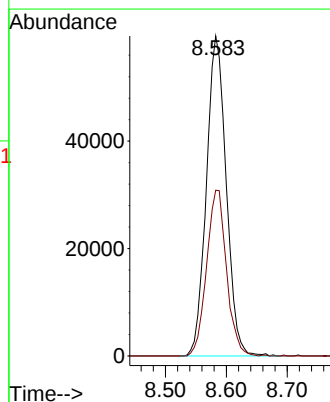
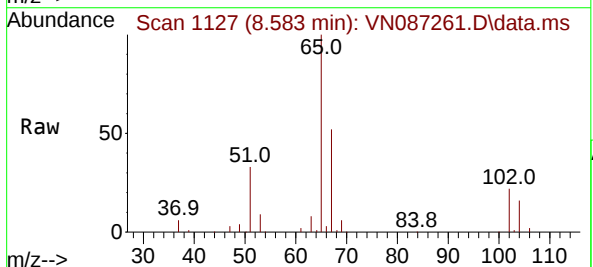
Instrument :
MSVOA_N
ClientSampleId :
VN0703MBL01

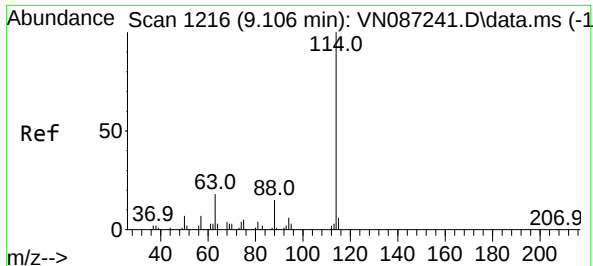
Tgt Ion:168 Resp: 184477
Ion Ratio Lower Upper
168 100
99 53.7 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 58.178 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087261.D
Acq: 03 Jul 2025 11:24

Tgt Ion: 65 Resp: 134699
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.6

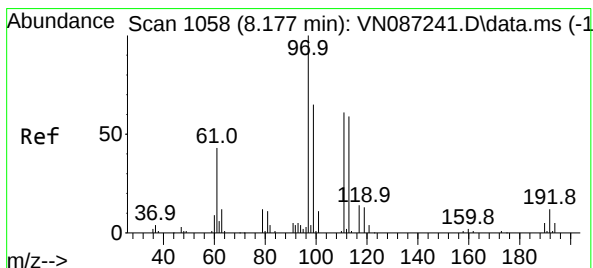
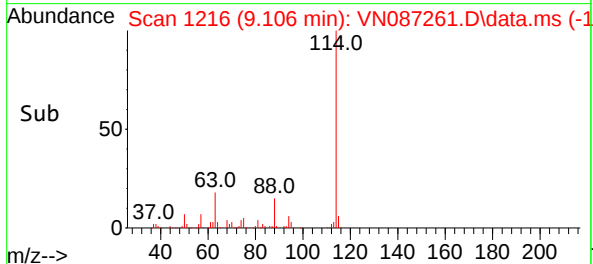
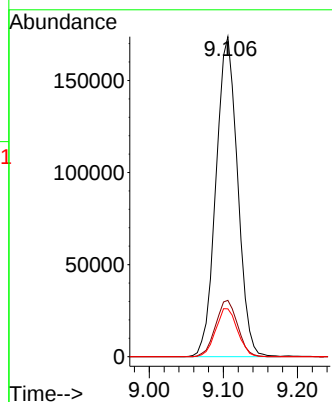
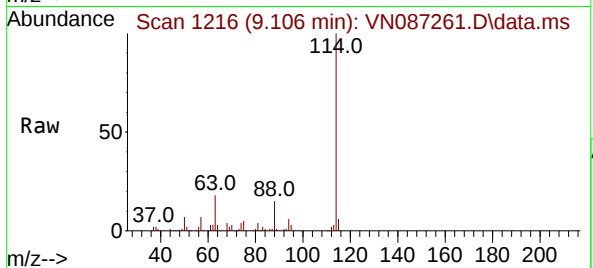




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087261.D
Acq: 03 Jul 2025 11:24

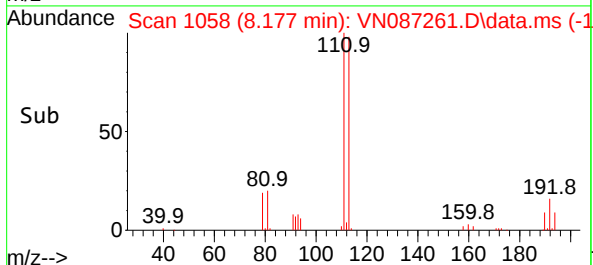
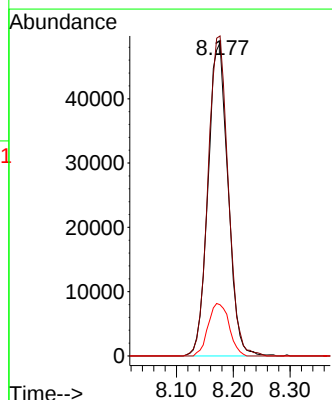
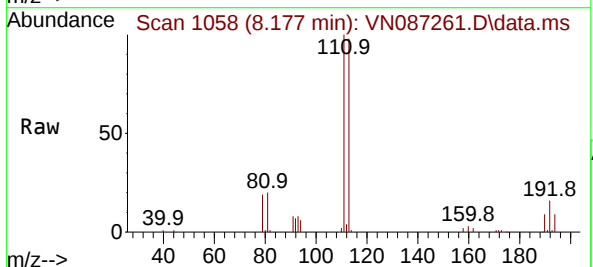
Instrument :
MSVOA_N
ClientSampleId :
VN0703MBL01

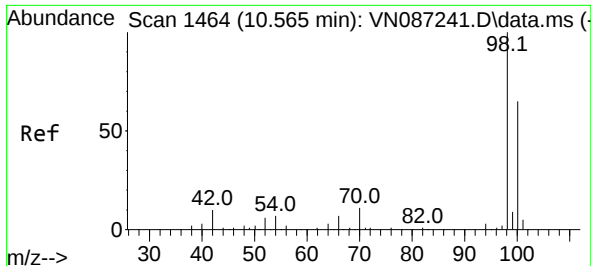
Tgt Ion:114 Resp: 352055
Ion Ratio Lower Upper
114 100
63 17.6 0.0 36.6
88 15.0 0.0 29.6



#35
Dibromofluoromethane
Concen: 52.623 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087261.D
Acq: 03 Jul 2025 11:24

Tgt Ion:113 Resp: 118625
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.2
192 17.6 15.1 22.7

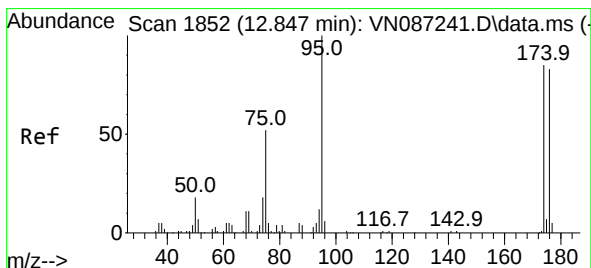
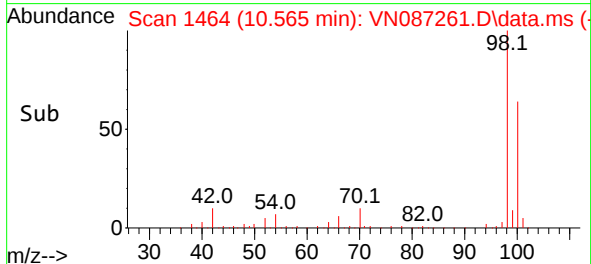
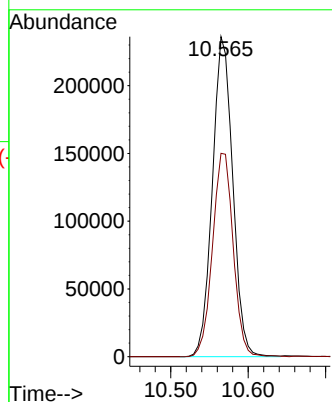
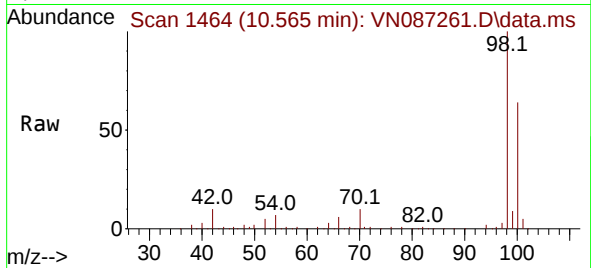




#50
Toluene-d8
Concen: 49.085 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087261.D
Acq: 03 Jul 2025 11:24

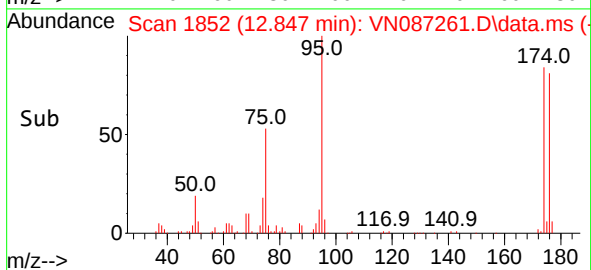
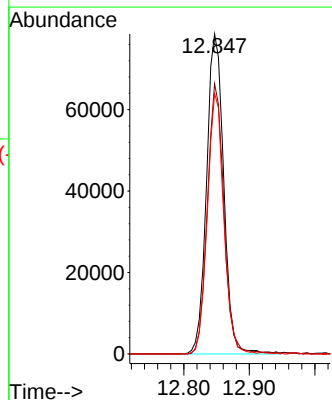
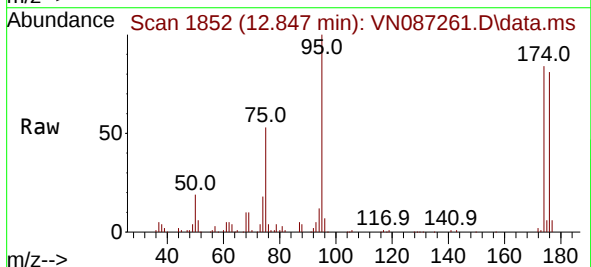
Instrument :
MSVOA_N
ClientSampleId :
VN0703MBL01

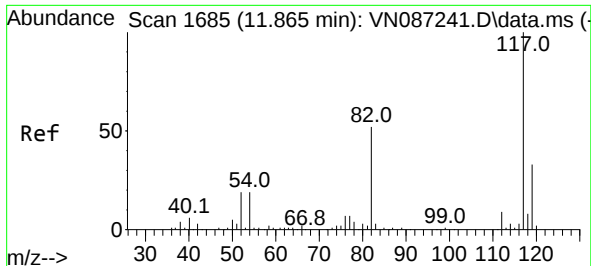
Tgt Ion: 98 Resp: 431290
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.776 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087261.D
Acq: 03 Jul 2025 11:24

Tgt Ion: 95 Resp: 143110
Ion Ratio Lower Upper
95 100
174 81.7 0.0 169.6
176 77.7 0.0 161.6

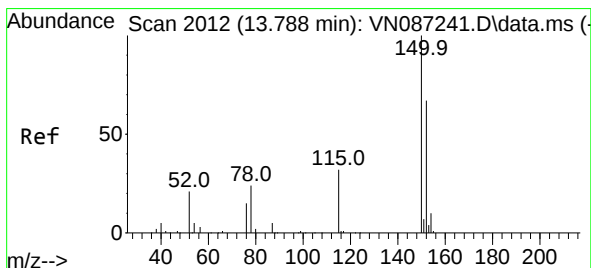
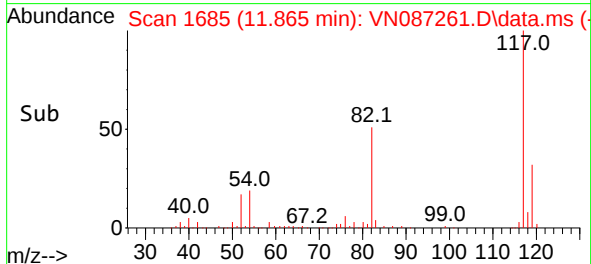
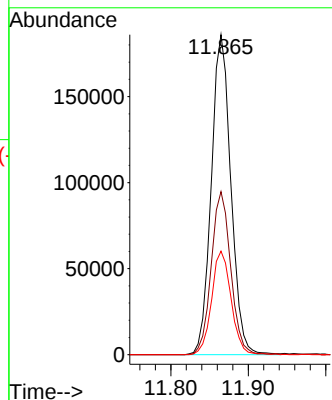
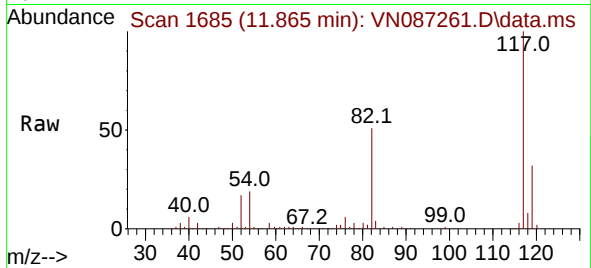




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087261.D
Acq: 03 Jul 2025 11:24

Instrument :
MSVOA_N
ClientSampleId :
VN0703MBL01

Tgt Ion:117 Resp: 327963
Ion Ratio Lower Upper
117 100
82 51.0 41.9 62.9
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087261.D
Acq: 03 Jul 2025 11:24

Tgt Ion:152 Resp: 158732
Ion Ratio Lower Upper
152 100
115 57.3 28.3 84.9
150 157.5 0.0 344.6

