

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087208.D
 Acq On : 27 Jun 2025 10:12
 Operator : JC\MD
 Sample : VN0627MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627MBL01

Quant Time: Jun 27 23:39:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	142070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	275807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115263	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	109422	53.520	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.040%
35) Dibromofluoromethane	8.171	113	85174	47.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	10.565	98	344830	46.758	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.520%
62) 4-Bromofluorobenzene	12.847	95	118704	46.387	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.780%

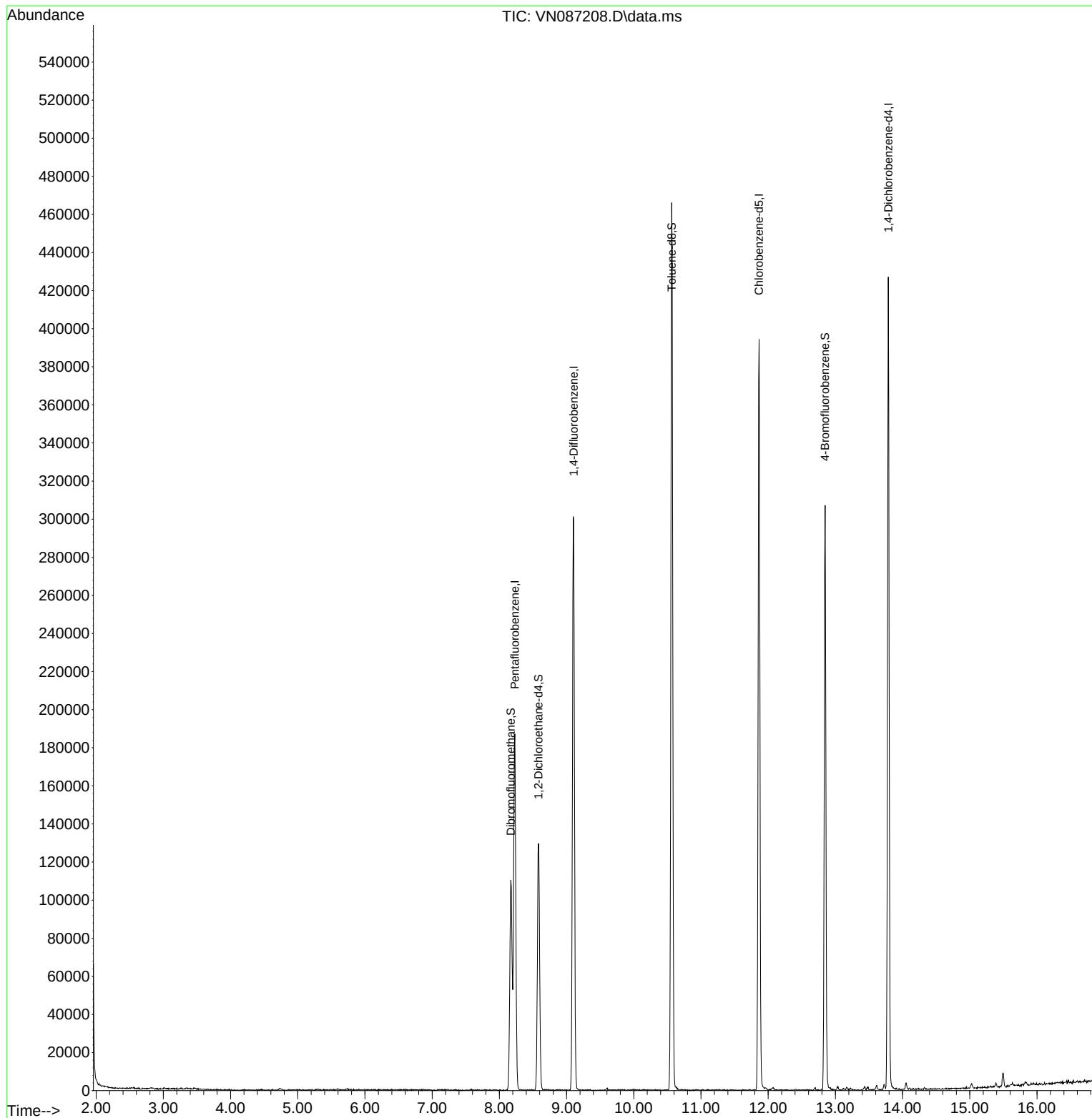
Target Compounds	Qvalue

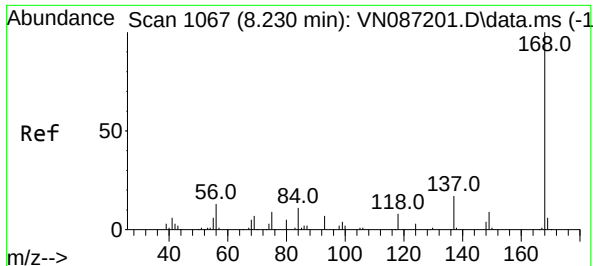
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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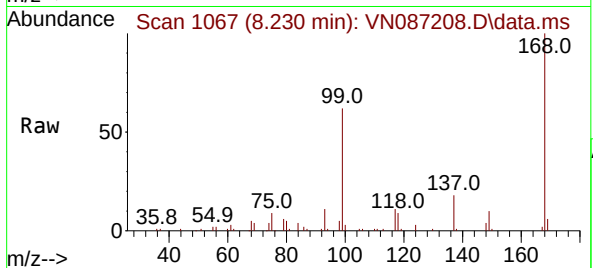
Quant Time: Jun 27 23:39:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
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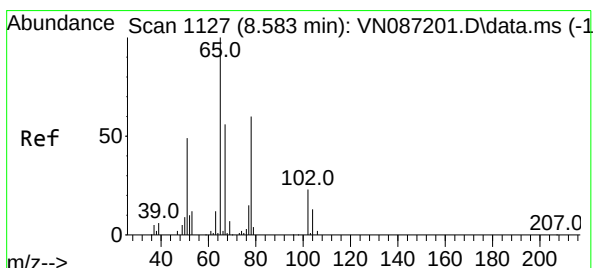
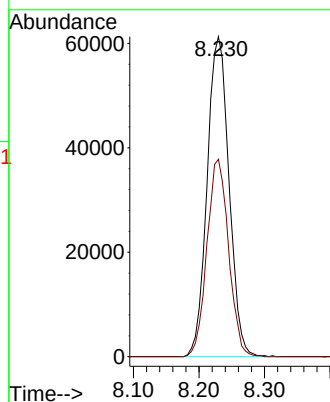
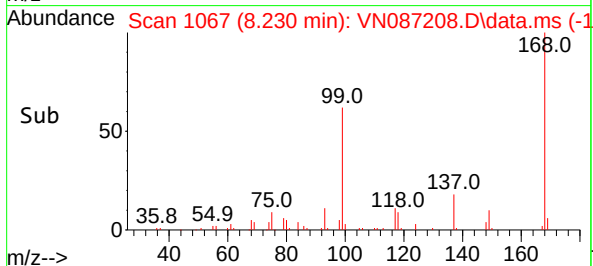


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087208.D
Acq: 27 Jun 2025 10:12

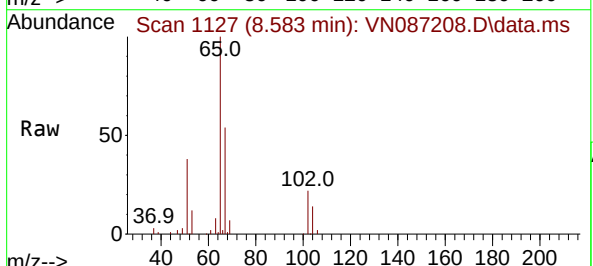
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01



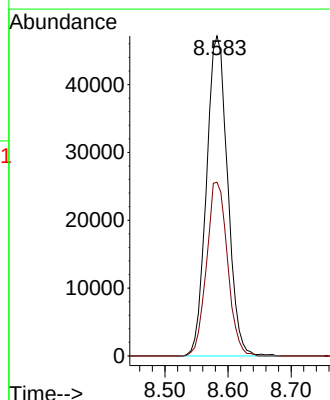
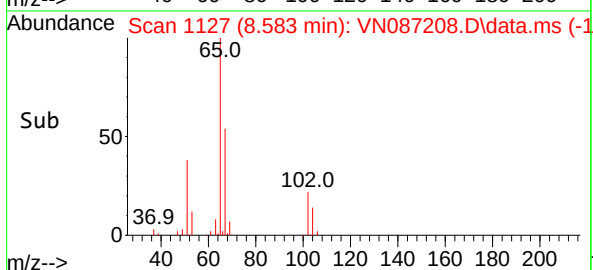
Tgt Ion:168 Resp: 142070
Ion Ratio Lower Upper
168 100
99 61.7 47.9 71.9

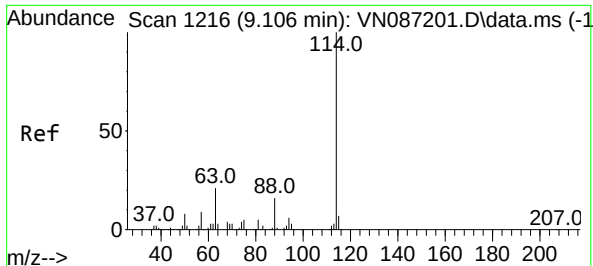


#33
1,2-Dichloroethane-d4
Concen: 53.520 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087208.D
Acq: 27 Jun 2025 10:12



Tgt Ion: 65 Resp: 109422
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.0

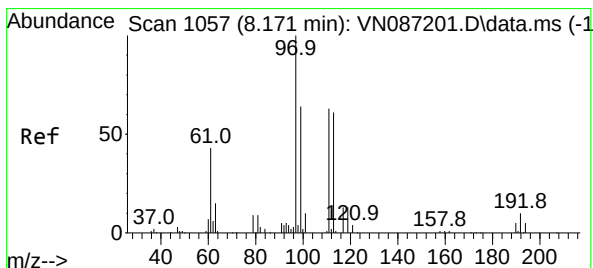
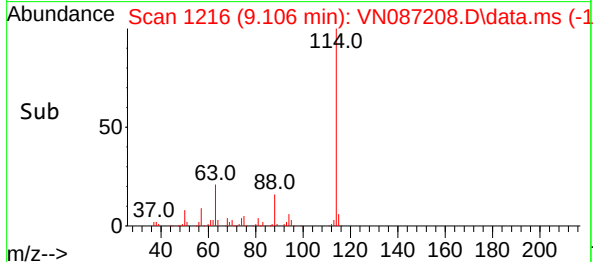
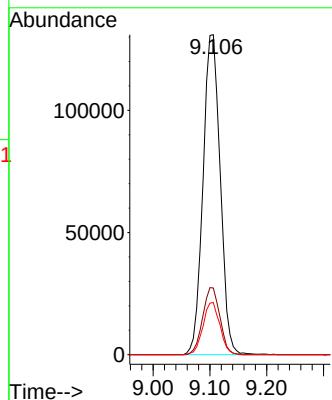
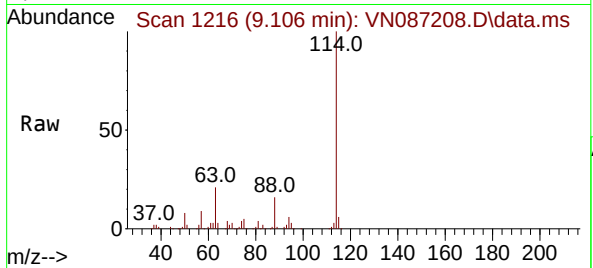




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN087208.D
Acq: 27 Jun 2025 10:12

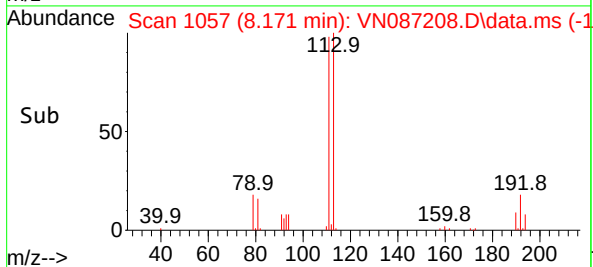
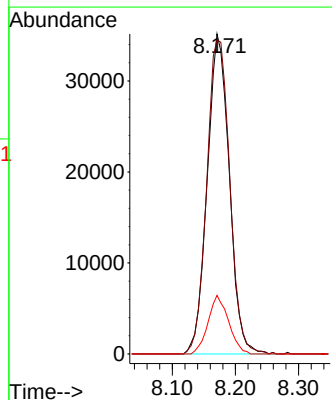
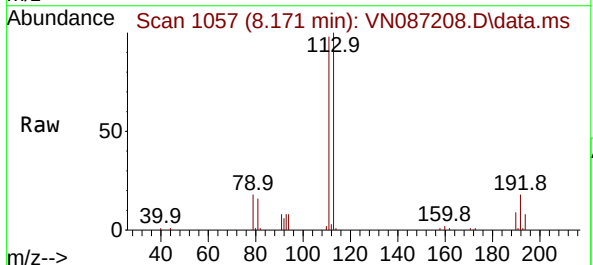
Instrument :
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ClientSampleId :
VN0627MBL01

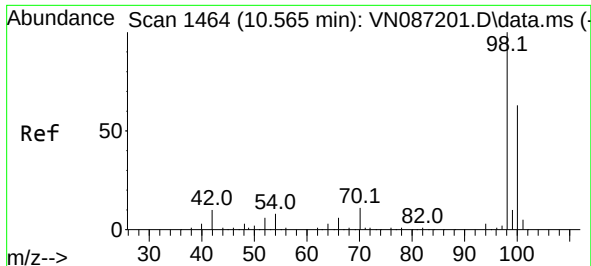
Tgt Ion:114 Resp: 275807
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.0
88 16.3 0.0 32.0



#35
Dibromofluoromethane
Concen: 47.767 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN087208.D
Acq: 27 Jun 2025 10:12

Tgt Ion:113 Resp: 85174
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 17.1 13.5 20.3

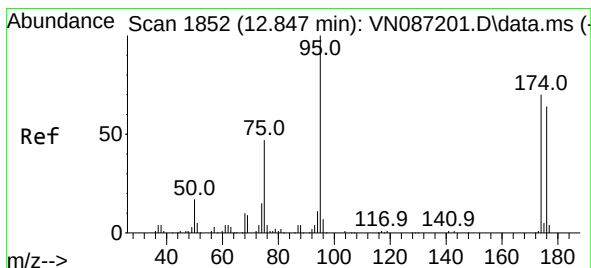
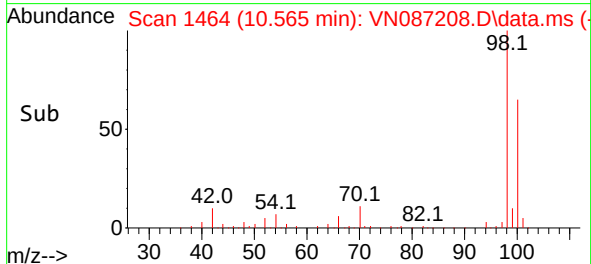
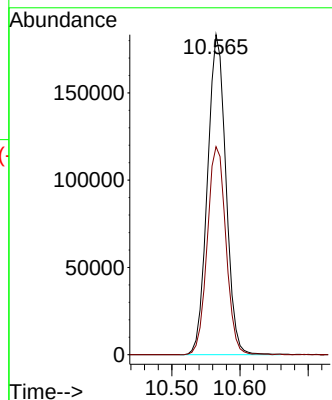
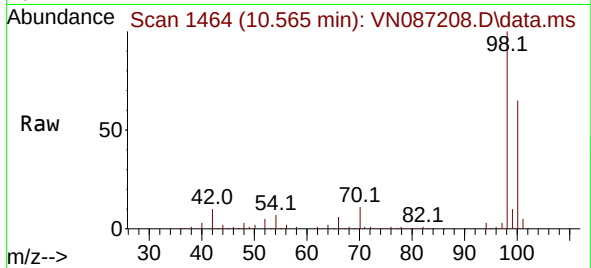




#50
Toluene-d8
Concen: 46.758 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087208.D
Acq: 27 Jun 2025 10:12

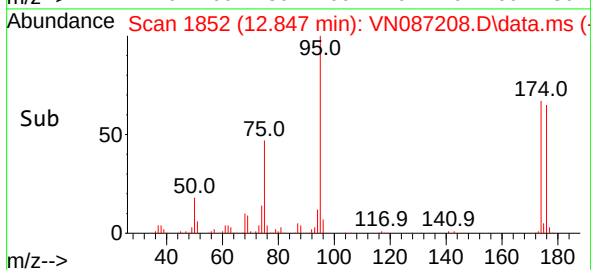
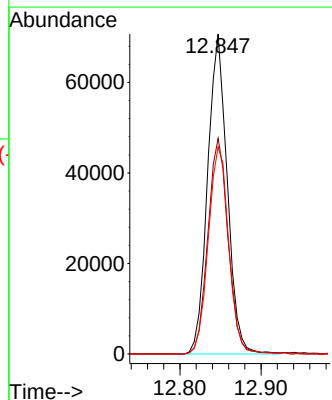
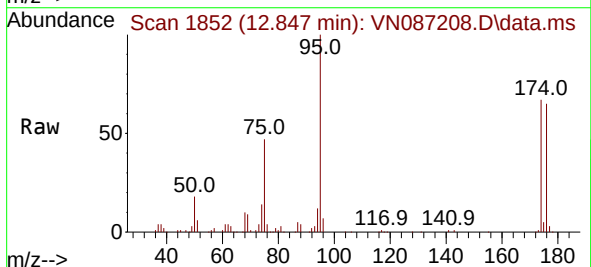
Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

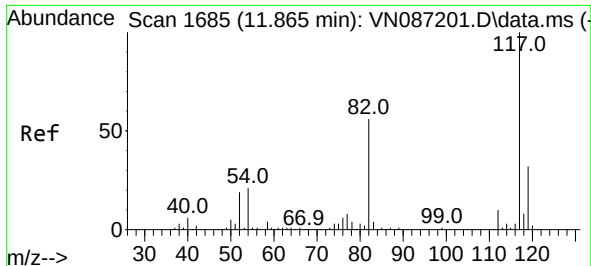
Tgt Ion: 98 Resp: 344830
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.387 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087208.D
Acq: 27 Jun 2025 10:12

Tgt Ion: 95 Resp: 118704
Ion Ratio Lower Upper
95 100
174 69.6 0.0 142.2
176 67.5 0.0 134.8

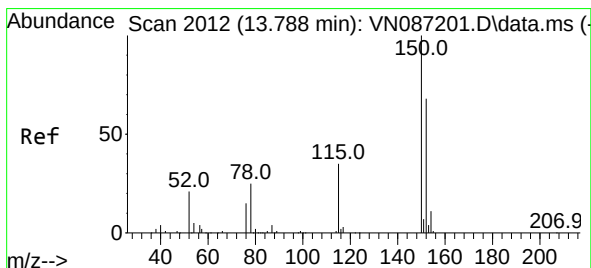
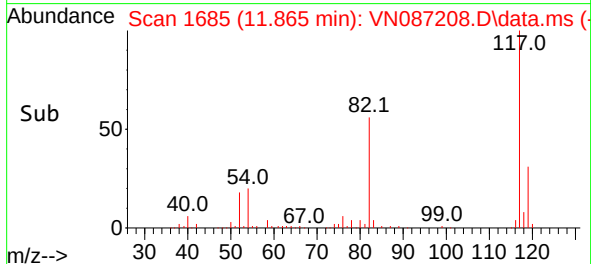
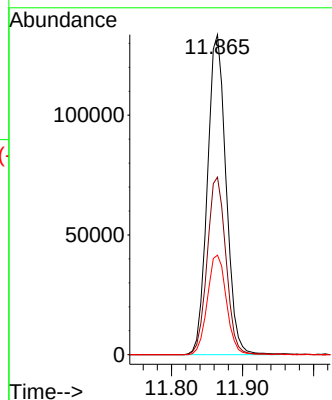
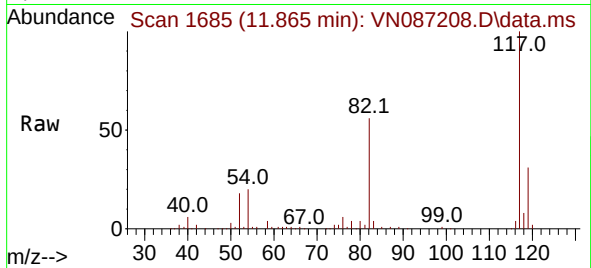




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087208.D
Acq: 27 Jun 2025 10:12

Instrument :
MSVOA_N
ClientSampleId :
VN0627MBL01

Tgt Ion:117 Resp: 244362
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 31.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087208.D
Acq: 27 Jun 2025 10:12

Tgt Ion:152 Resp: 115263
Ion Ratio Lower Upper
152 100
115 61.4 30.6 91.8
150 158.8 0.0 347.8

