

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087123.D
 Acq On : 20 Jun 2025 09:25
 Operator : JC\MD
 Sample : VN0620MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620MBL01

Quant Time: Jun 20 22:59:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	161603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	319855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131966	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	113749	52.572	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.140%
35) Dibromofluoromethane	8.177	113	97796	51.593	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.180%
50) Toluene-d8	10.565	98	396963	52.901	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.800%
62) 4-Bromofluorobenzene	12.847	95	133565	47.908	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.820%

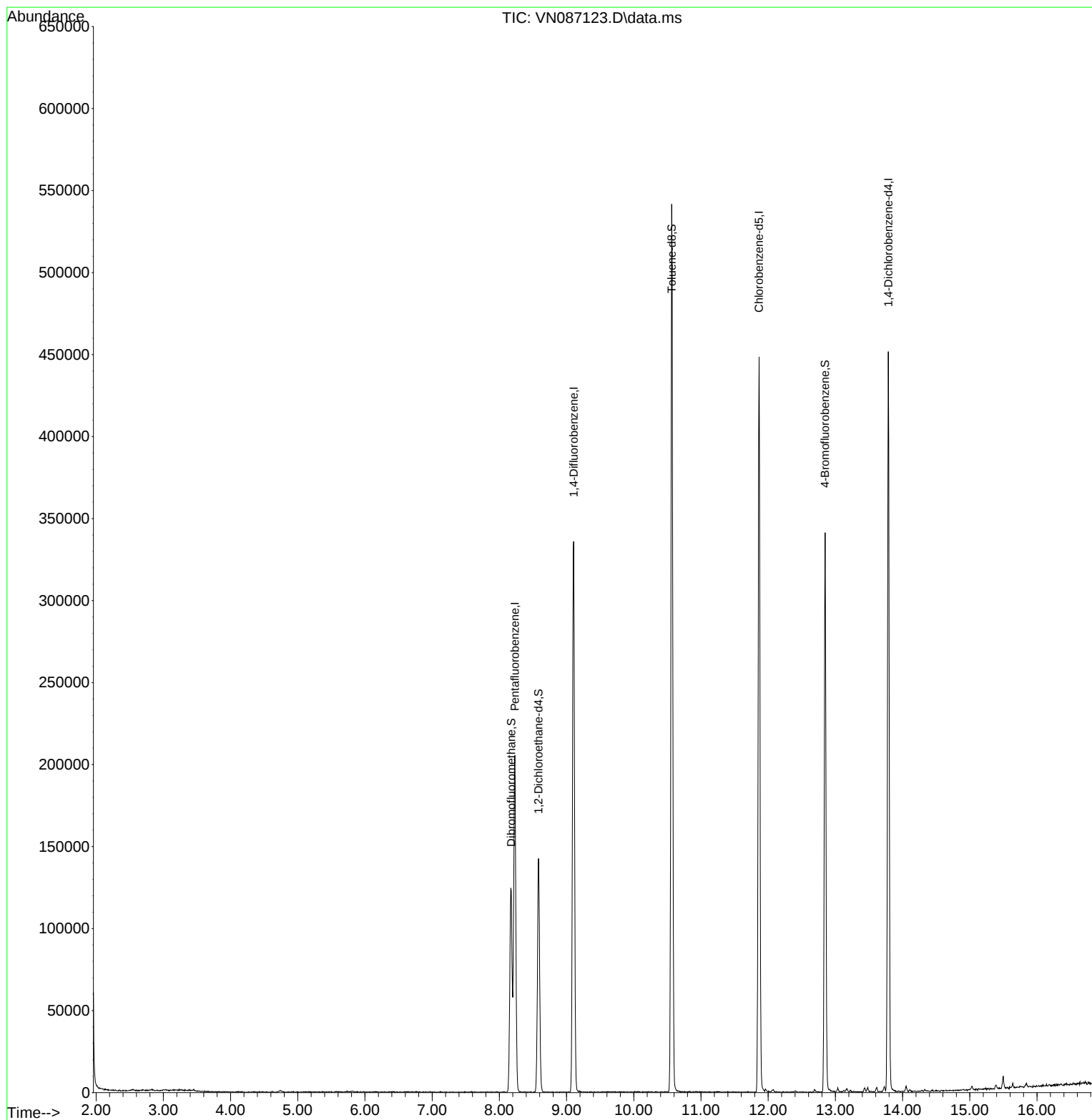
Target Compounds	Qvalue

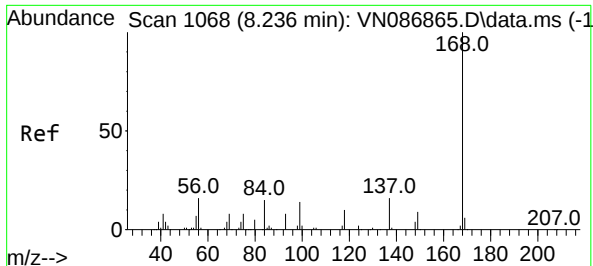
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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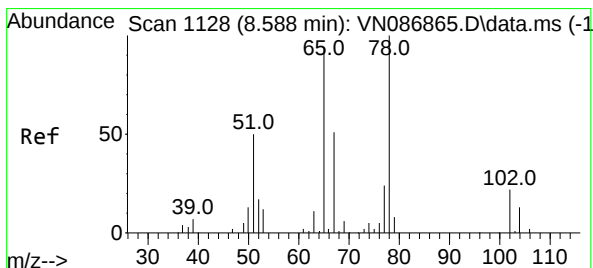
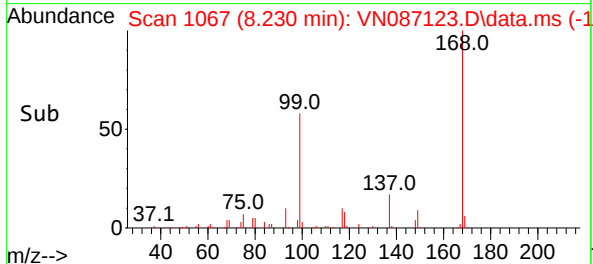
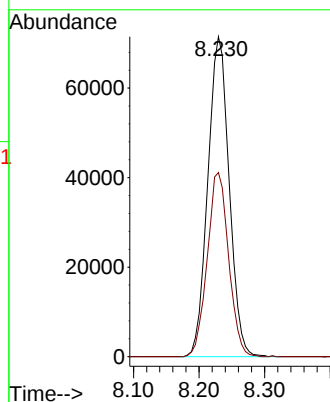
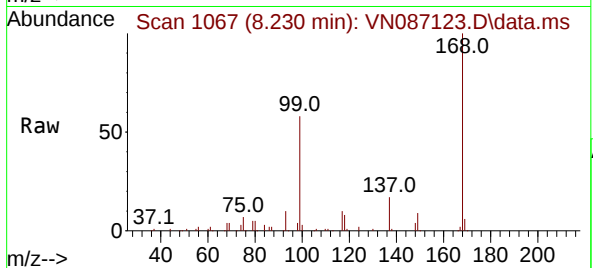




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

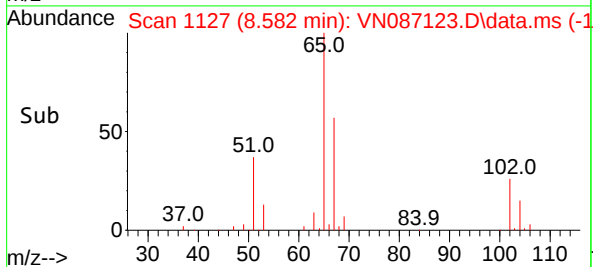
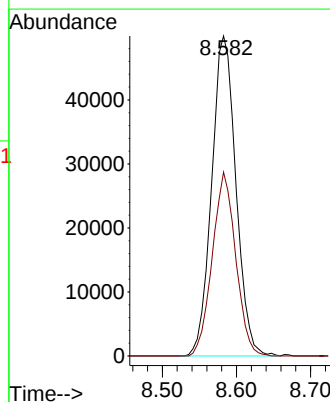
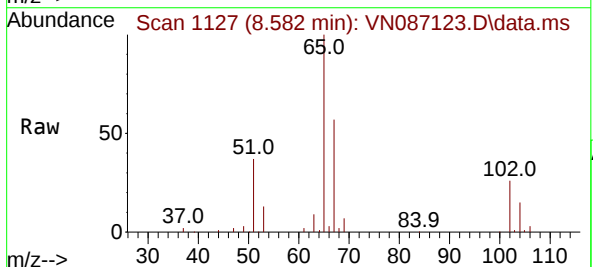
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

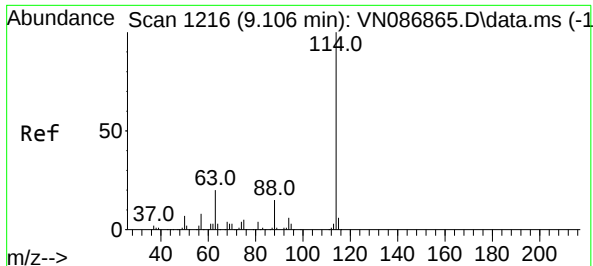
Tgt Ion:168 Resp: 161603
Ion Ratio Lower Upper
168 100
99 57.6 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 52.572 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Tgt Ion: 65 Resp: 113749
Ion Ratio Lower Upper
65 100
67 55.5 0.0 105.6

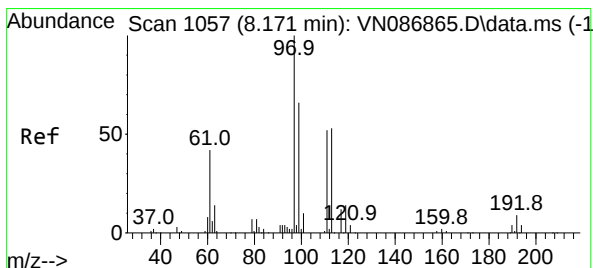
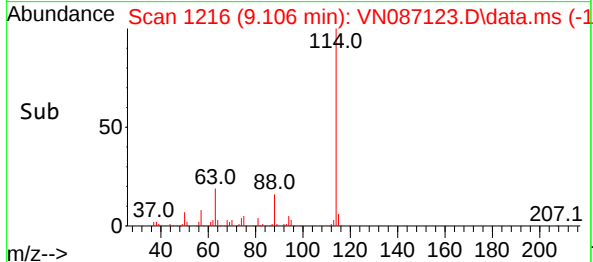
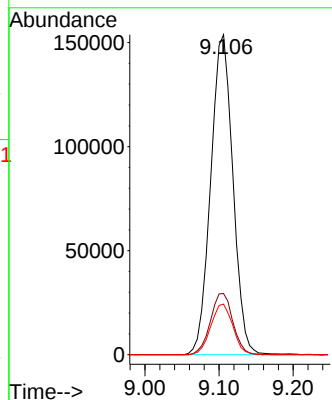
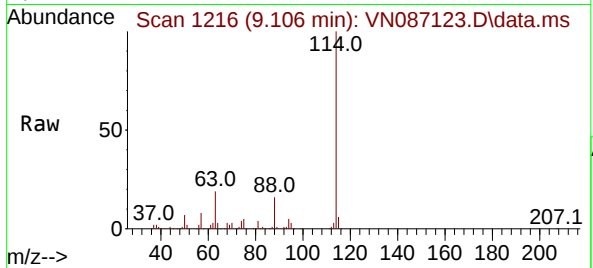




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

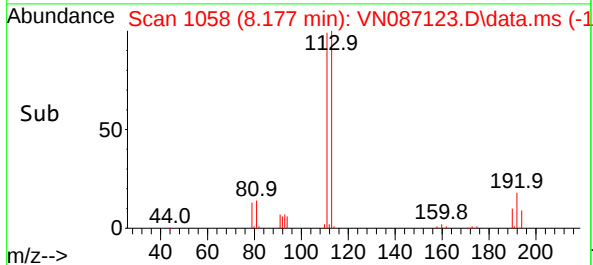
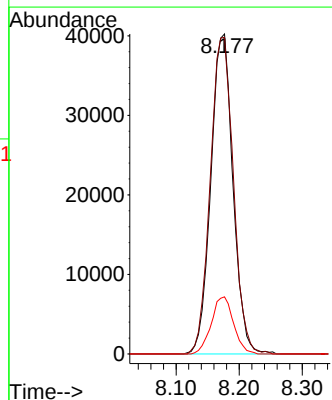
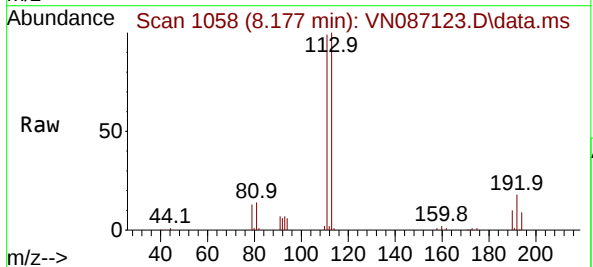
Instrument :
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VN0620MBL01

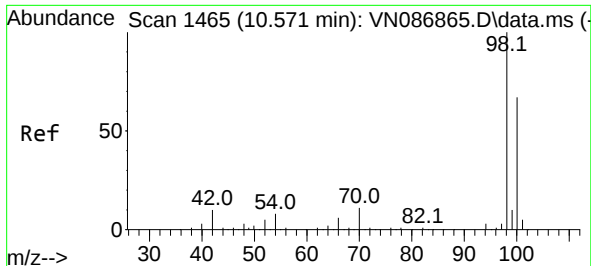
Tgt Ion:114 Resp: 319855
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.6
88 15.8 0.0 30.2



#35
Dibromofluoromethane
Concen: 51.593 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Tgt Ion:113 Resp: 97796
Ion Ratio Lower Upper
113 100
111 103.3 84.2 126.2
192 18.0 14.2 21.4

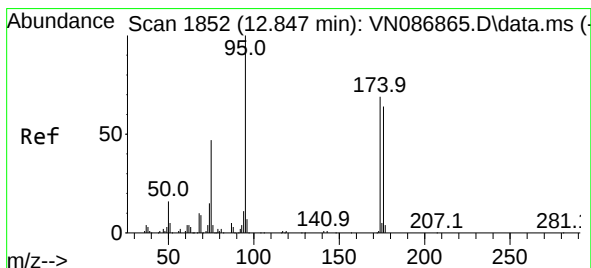
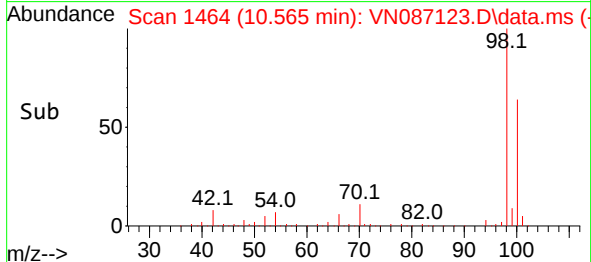
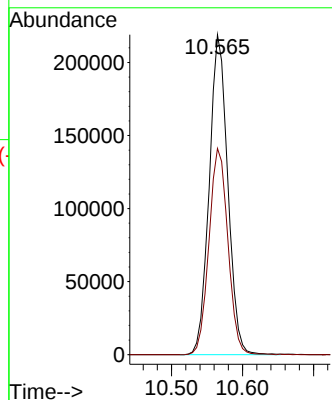
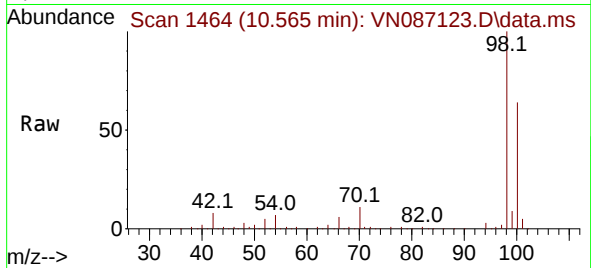




#50
Toluene-d8
Concen: 52.901 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

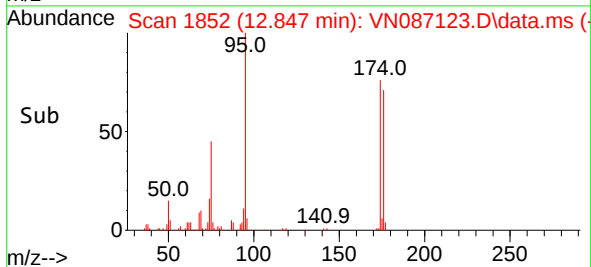
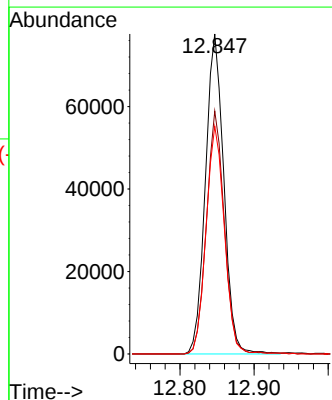
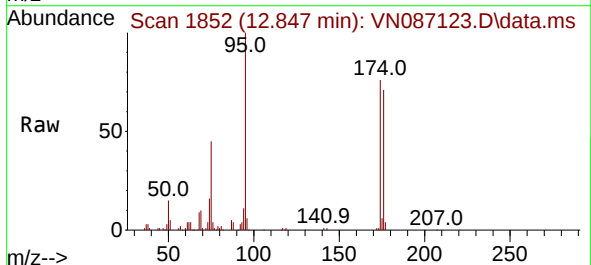
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

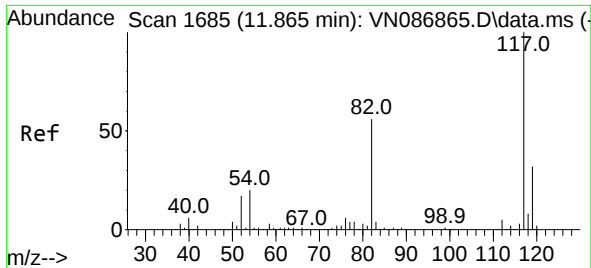
Tgt Ion: 98 Resp: 396963
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 47.908 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Tgt Ion: 95 Resp: 133565
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.8
176 71.0 0.0 132.6

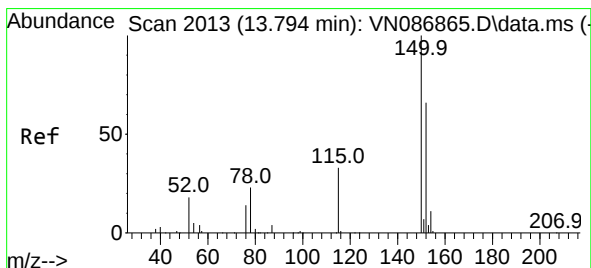
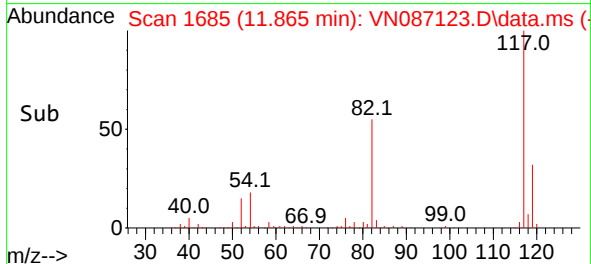
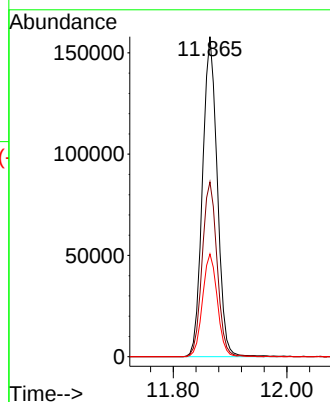
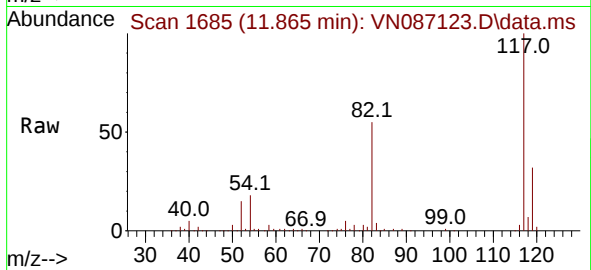




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBL01

Tgt Ion:117 Resp: 284735
Ion Ratio Lower Upper
117 100
82 54.6 44.6 67.0
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087123.D
Acq: 20 Jun 2025 09:25

Tgt Ion:152 Resp: 131966
Ion Ratio Lower Upper
152 100
115 59.3 30.1 90.5
150 159.5 0.0 345.0

