

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087018.D
 Acq On : 16 Jun 2025 10:22
 Operator : JC\MD
 Sample : VN0616MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616MBL01

Quant Time: Jun 17 07:18:00 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	191574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	370208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	334099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155803	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129256	50.393	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.780%
35) Dibromofluoromethane	8.177	113	111183	50.677	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.360%
50) Toluene-d8	10.565	98	454757	52.360	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.720%
62) 4-Bromofluorobenzene	12.847	95	159474	49.421	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.840%

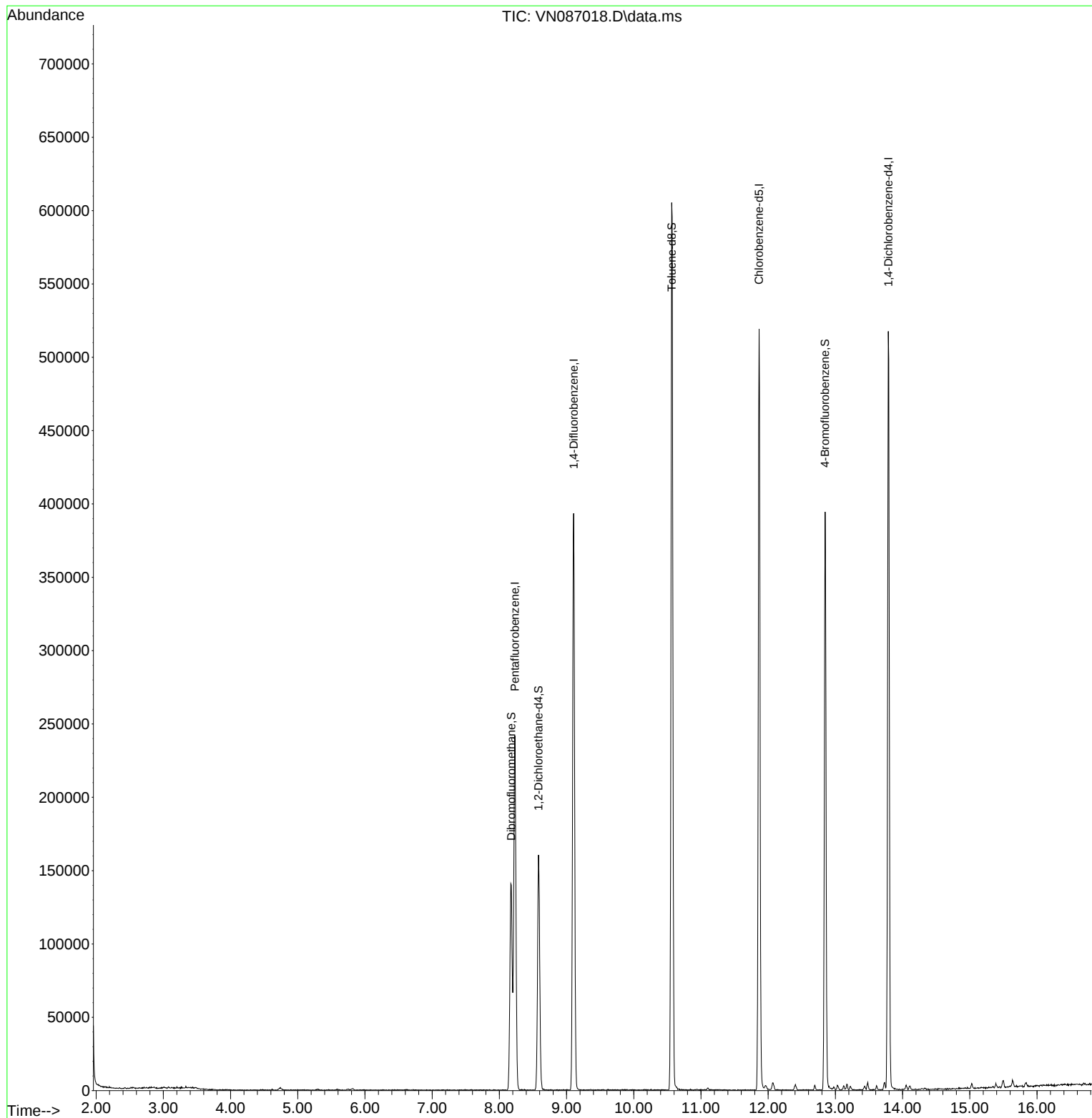
Target Compounds	Qvalue

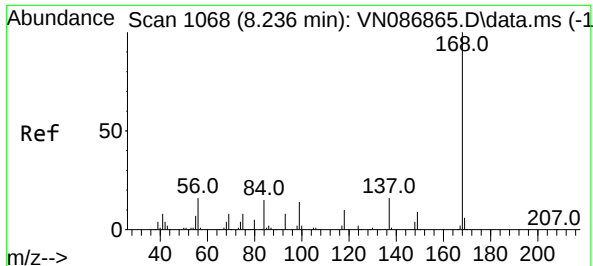
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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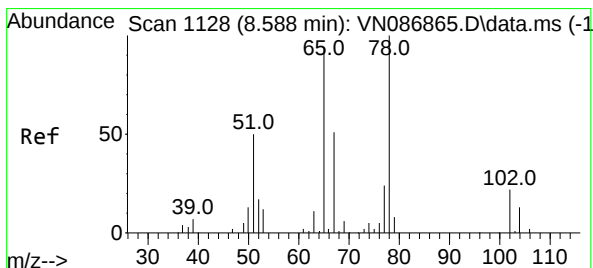
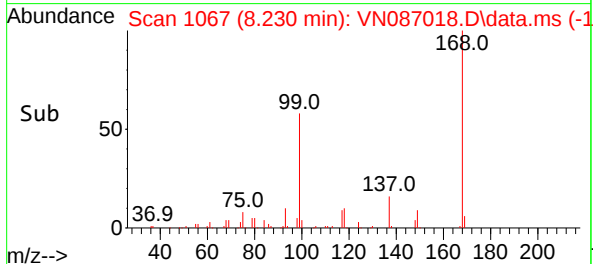
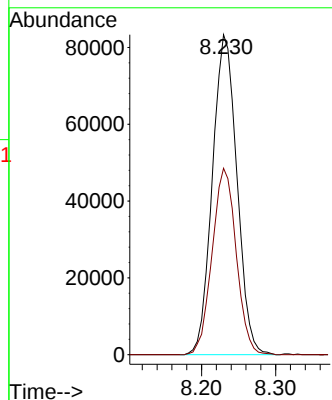
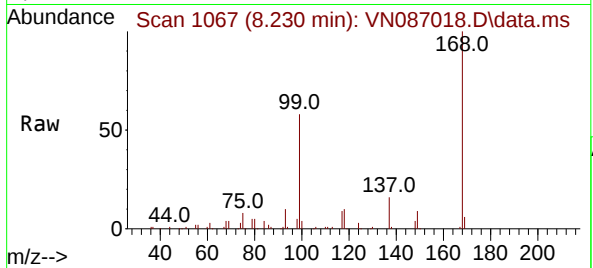




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087018.D
Acq: 16 Jun 2025 10:22

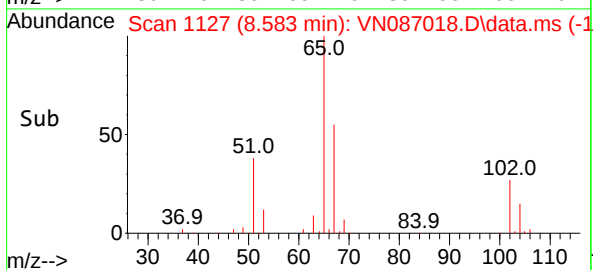
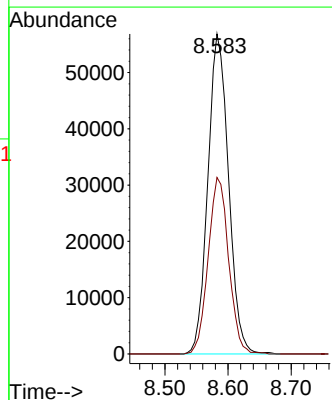
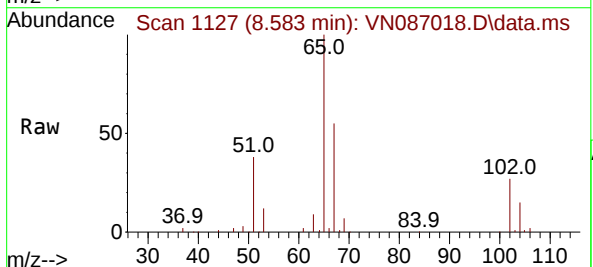
Instrument :
MSVOA_N
ClientSampleId :
VN0616MBL01

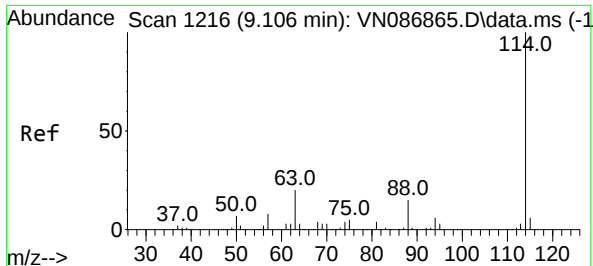
Tgt Ion:168 Resp: 191574
Ion Ratio Lower Upper
168 100
99 58.3 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 50.393 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087018.D
Acq: 16 Jun 2025 10:22

Tgt Ion: 65 Resp: 129256
Ion Ratio Lower Upper
65 100
67 54.7 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: VN087018.D

Acq: 16 Jun 2025 10:22

Instrument :

MSVOA_N

ClientSampleId :

VN0616MBL01

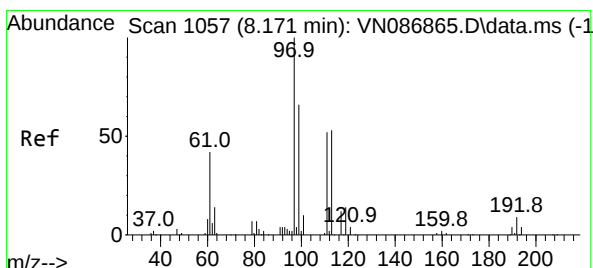
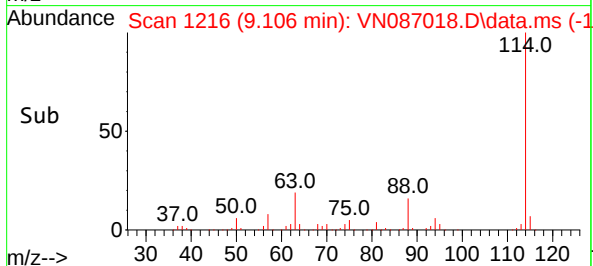
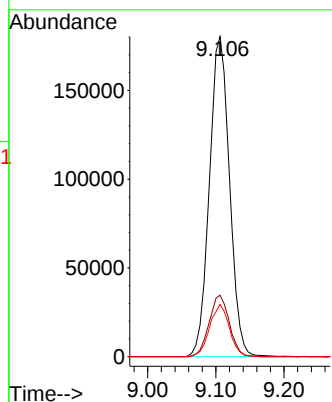
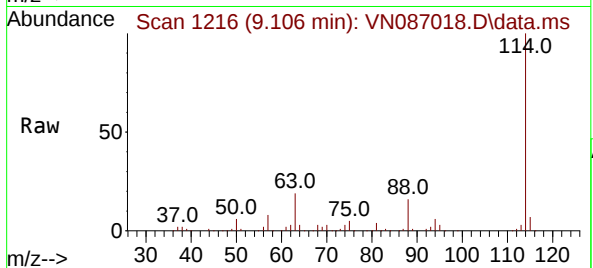
Tgt Ion:114 Resp: 370208

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 16.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 50.677 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087018.D

Acq: 16 Jun 2025 10:22

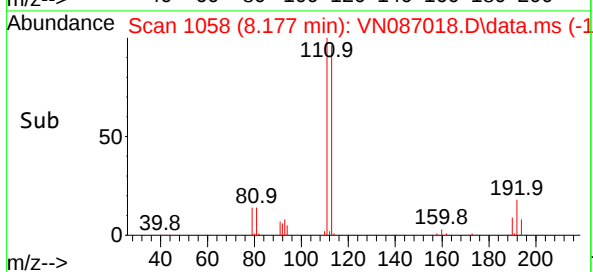
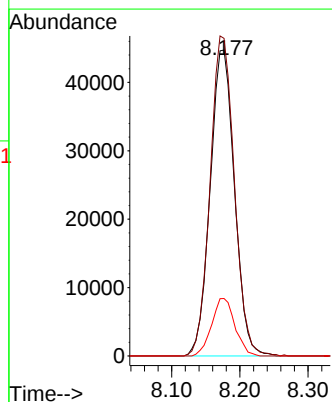
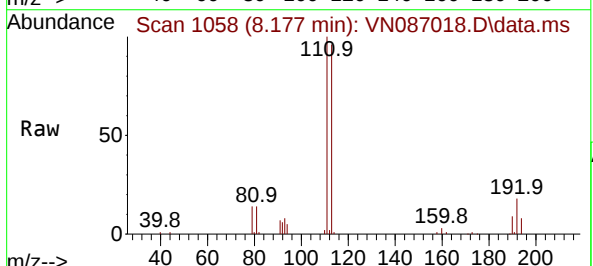
Tgt Ion:113 Resp: 111183

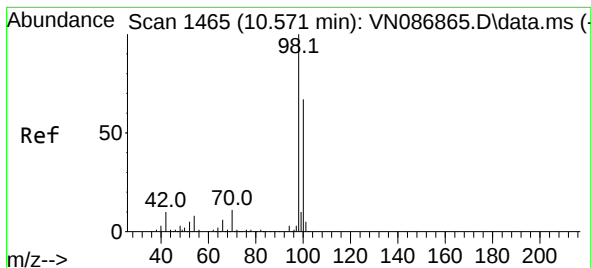
Ion Ratio Lower Upper

113 100

111 103.8 84.2 126.2

192 18.0 14.2 21.4





#50

Toluene-d8

Concen: 52.360 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087018.D

Acq: 16 Jun 2025 10:22

Instrument :

MSVOA_N

ClientSampleId :

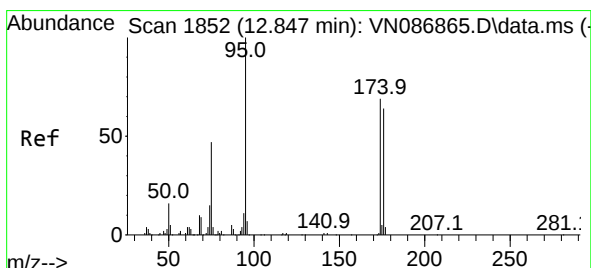
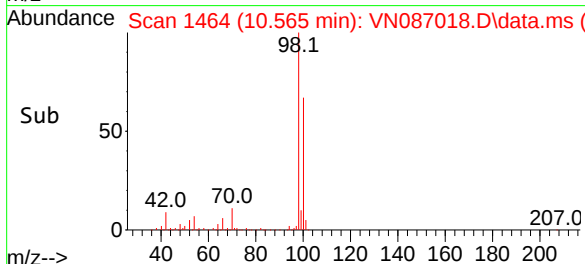
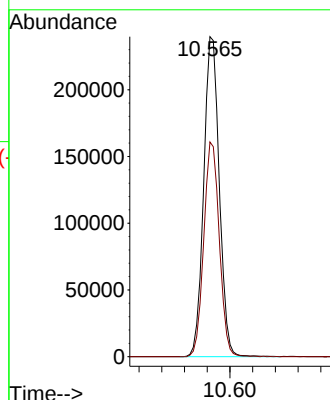
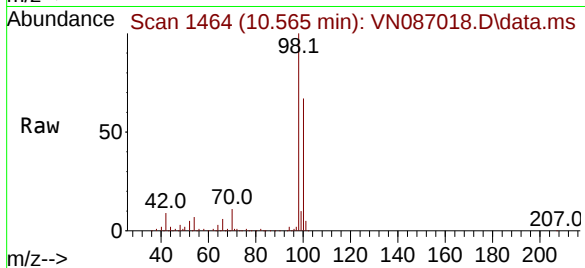
VN0616MBL01

Tgt Ion: 98 Resp: 454757

Ion Ratio Lower Upper

98 100

100 66.8 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 49.421 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN087018.D

Acq: 16 Jun 2025 10:22

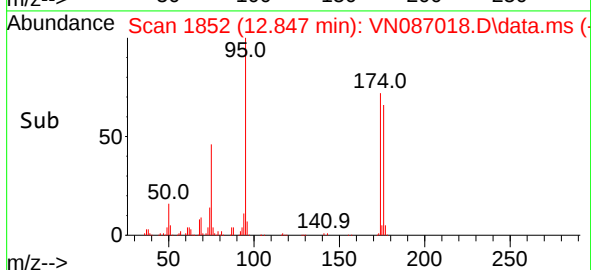
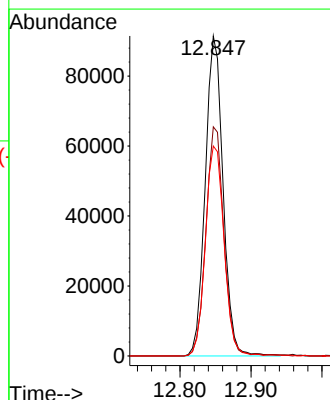
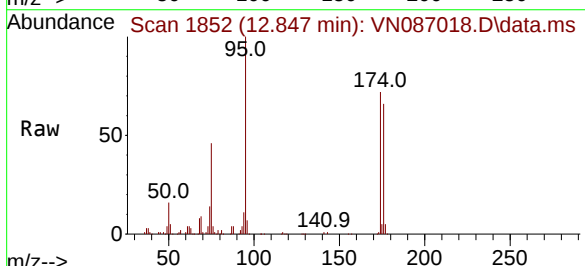
Tgt Ion: 95 Resp: 159474

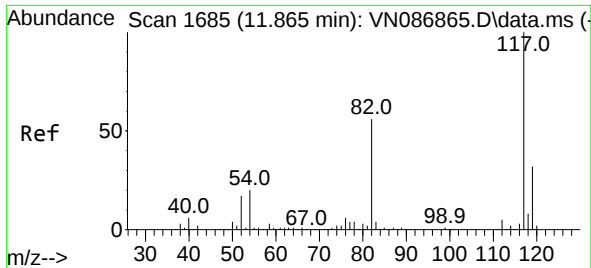
Ion Ratio Lower Upper

95 100

174 72.6 0.0 141.8

176 68.7 0.0 132.6

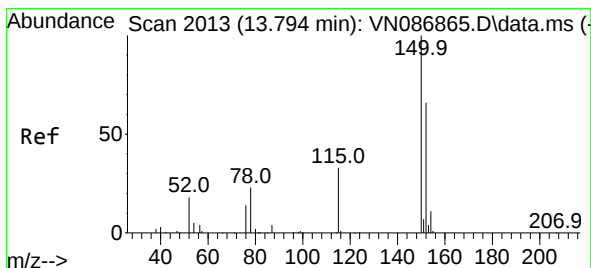
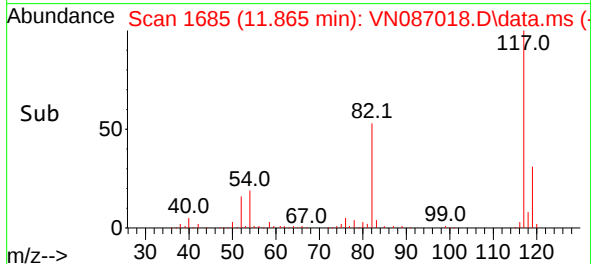
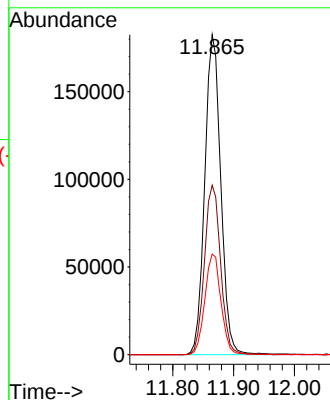
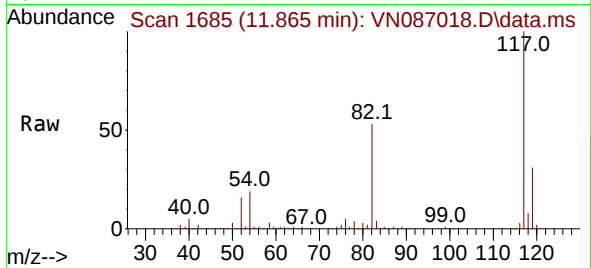




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087018.D
Acq: 16 Jun 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN0616MBL01

Tgt Ion:117 Resp: 334099
Ion Ratio Lower Upper
117 100
82 53.0 44.6 67.0
119 31.4 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: VN087018.D
Acq: 16 Jun 2025 10:22

Tgt Ion:152 Resp: 155803
Ion Ratio Lower Upper
152 100
115 60.3 30.1 90.5
150 159.4 0.0 345.0

