

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086930.D
 Acq On : 10 Jun 2025 15:43
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 11 01:56:42 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	8.236	168	229123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	426916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	370227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177006	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	150740	49.138	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.280%
35) Dibromofluoromethane	8.177	113	124956	49.390	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.780%
50) Toluene-d8	10.571	98	516247	51.544	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.080%
62) 4-Bromofluorobenzene	12.847	95	182383	49.013	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.020%

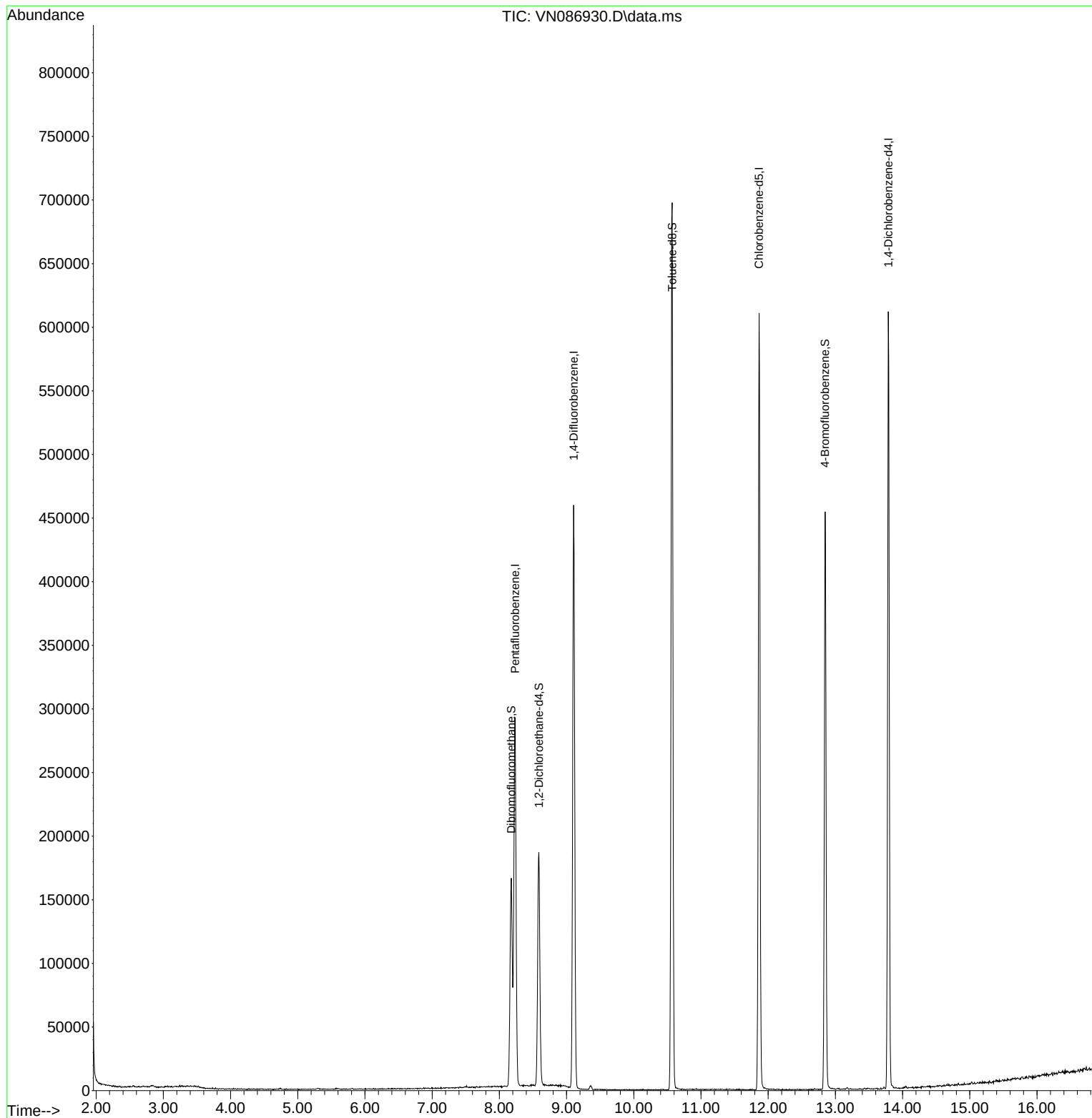
Target Compounds	Qvalue

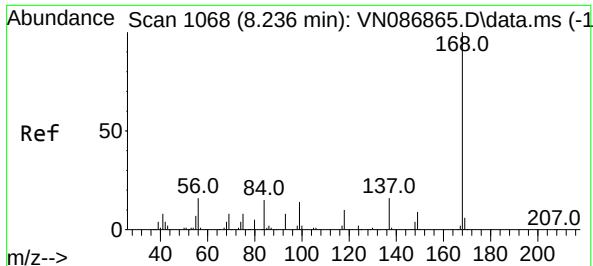
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086930.D
Acq On : 10 Jun 2025 15:43
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jun 11 01:56:42 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

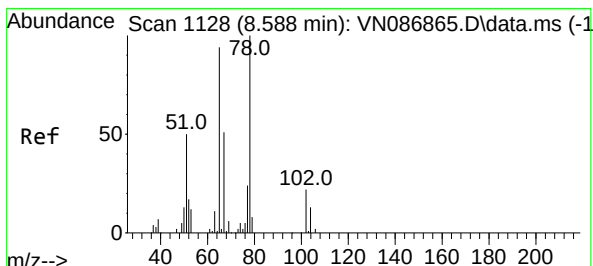
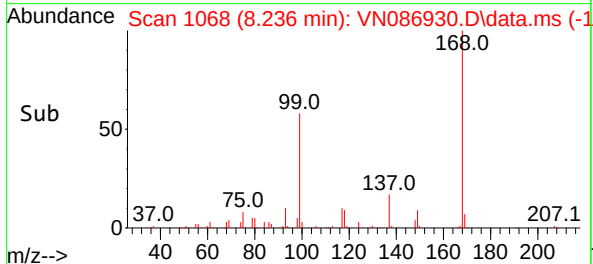
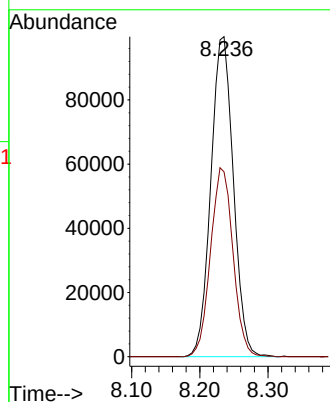
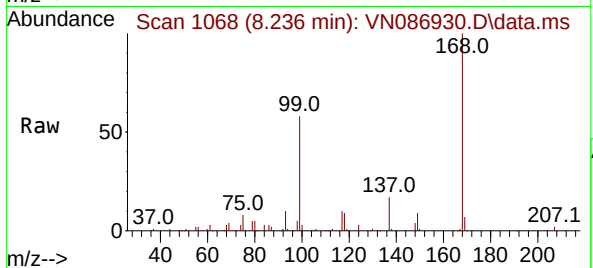




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

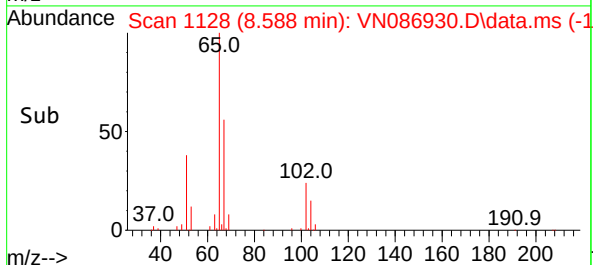
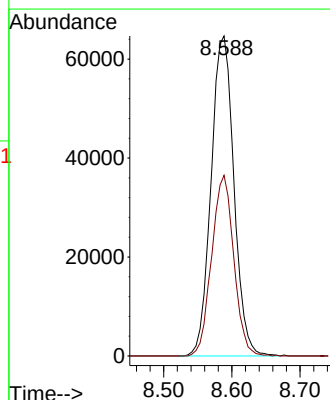
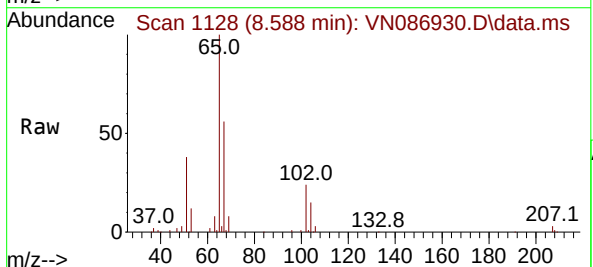
Instrument :
MSVOA_N
ClientSampleId :
IBLK

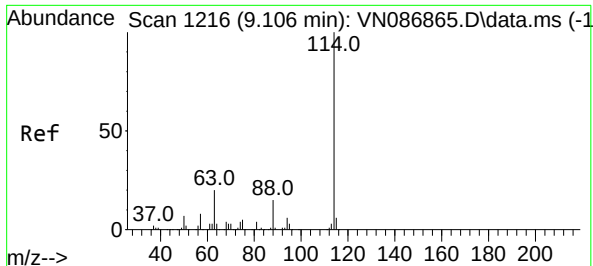
Tgt Ion:168 Resp: 229123
Ion Ratio Lower Upper
168 100
99 57.7 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 49.138 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

Tgt Ion: 65 Resp: 150740
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: VN086930.D

Acq: 10 Jun 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

IBLK

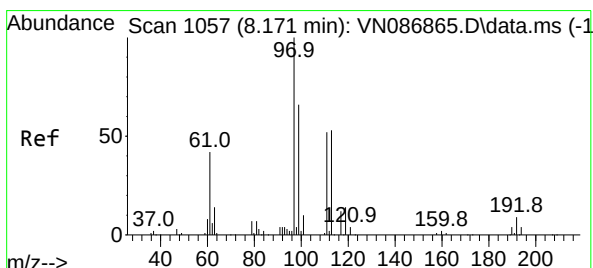
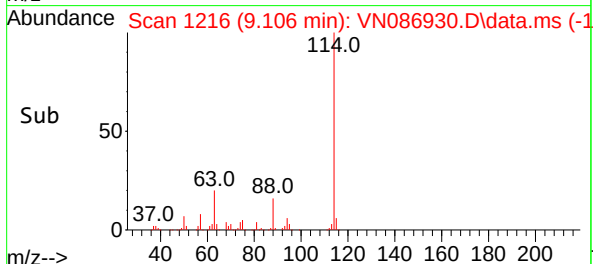
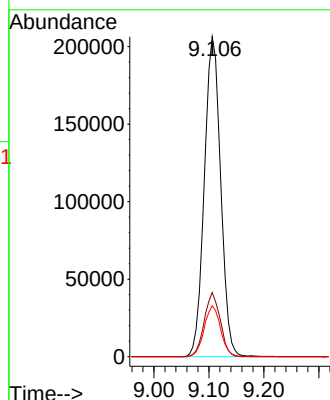
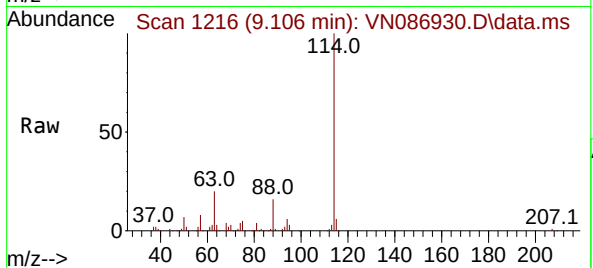
Tgt Ion:114 Resp: 426916

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.9 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.390 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086930.D

Acq: 10 Jun 2025 15:43

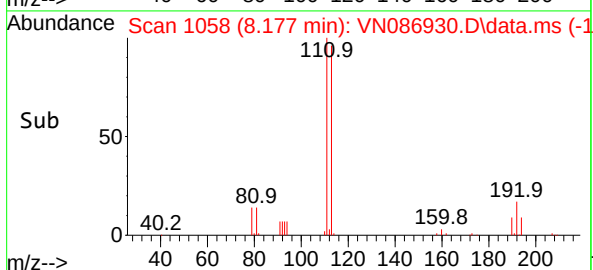
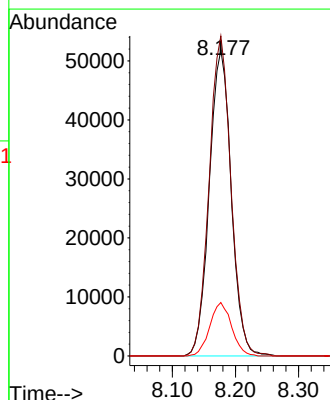
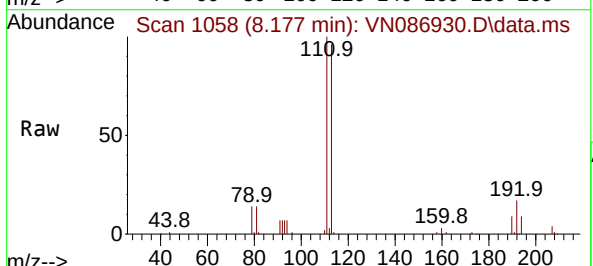
Tgt Ion:113 Resp: 124956

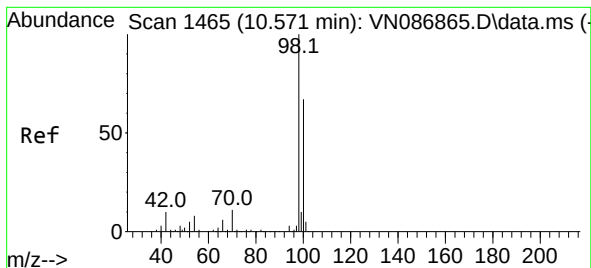
Ion Ratio Lower Upper

113 100

111 104.1 84.2 126.2

192 17.4 14.2 21.4





#50

Toluene-d8

Concen: 51.544 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086930.D

Acq: 10 Jun 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

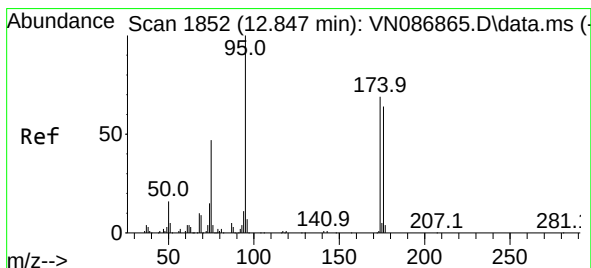
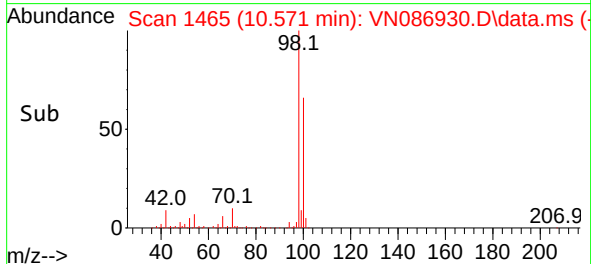
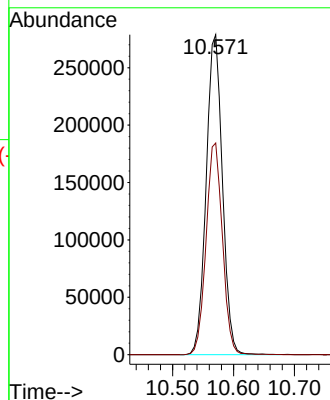
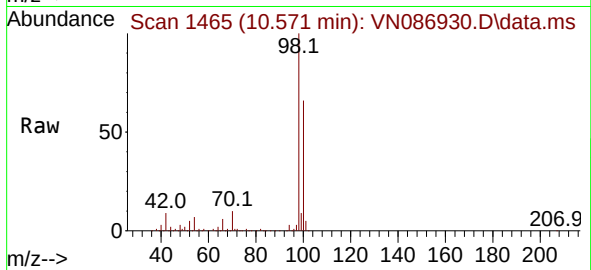
IBLK

Tgt Ion: 98 Resp: 516247

Ion Ratio Lower Upper

98 100

100 66.7 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 49.013 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086930.D

Acq: 10 Jun 2025 15:43

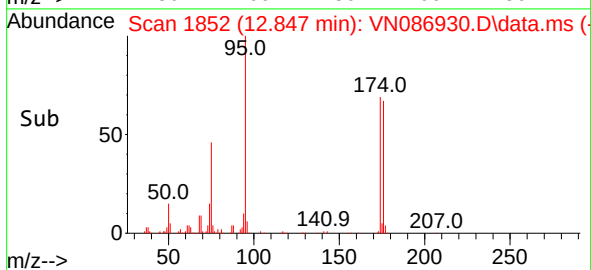
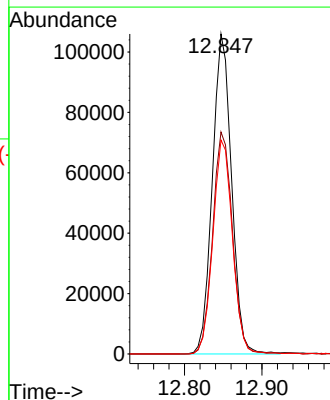
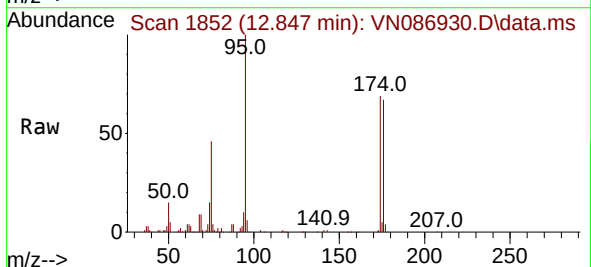
Tgt Ion: 95 Resp: 182383

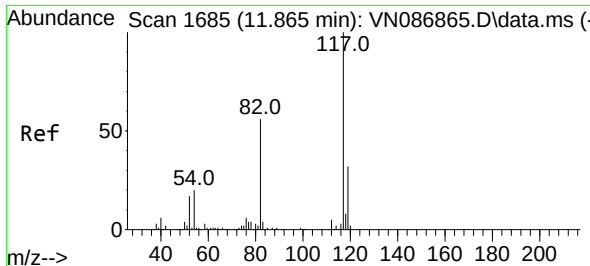
Ion Ratio Lower Upper

95 100

174 71.5 0.0 141.8

176 68.4 0.0 132.6

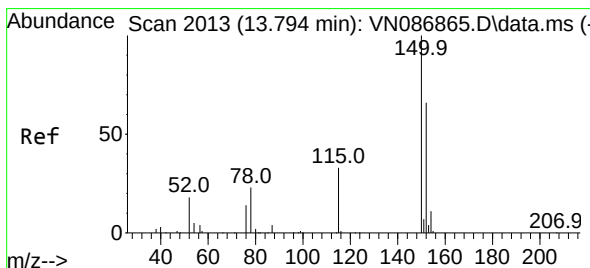
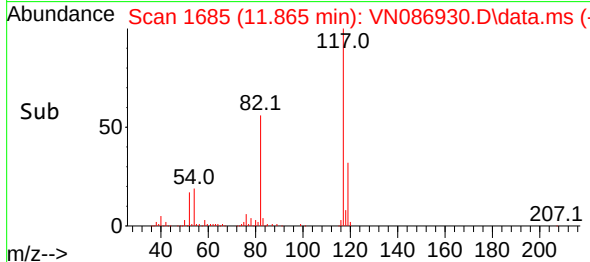
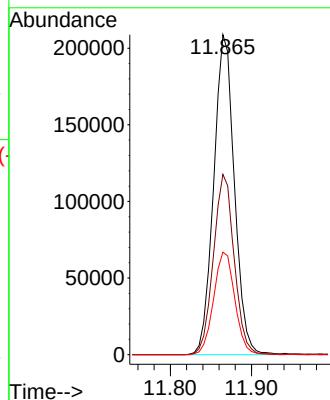
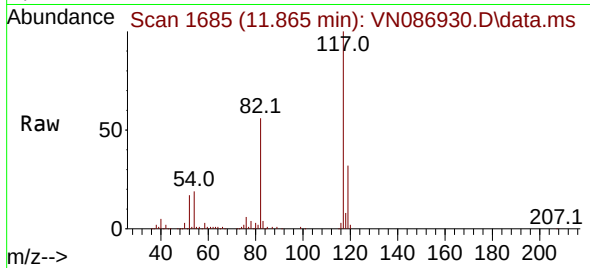




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086930.D
Acq: 10 Jun 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 370227
Ion Ratio Lower Upper
117 100
82 56.4 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: VN086930.D
Acq: 10 Jun 2025 15:43

Tgt Ion:152 Resp: 177006
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.5
150 157.1 0.0 345.0

