

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086868.D
 Acq On : 06 Jun 2025 15:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 07 02:15:43 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	8.235	168	214782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	375045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	316573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	132402	46.042	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.080%
35) Dibromofluoromethane	8.176	113	108575	48.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
50) Toluene-d8	10.570	98	447123	50.817	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.640%
62) 4-Bromofluorobenzene	12.847	95	153053	46.820	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.640%

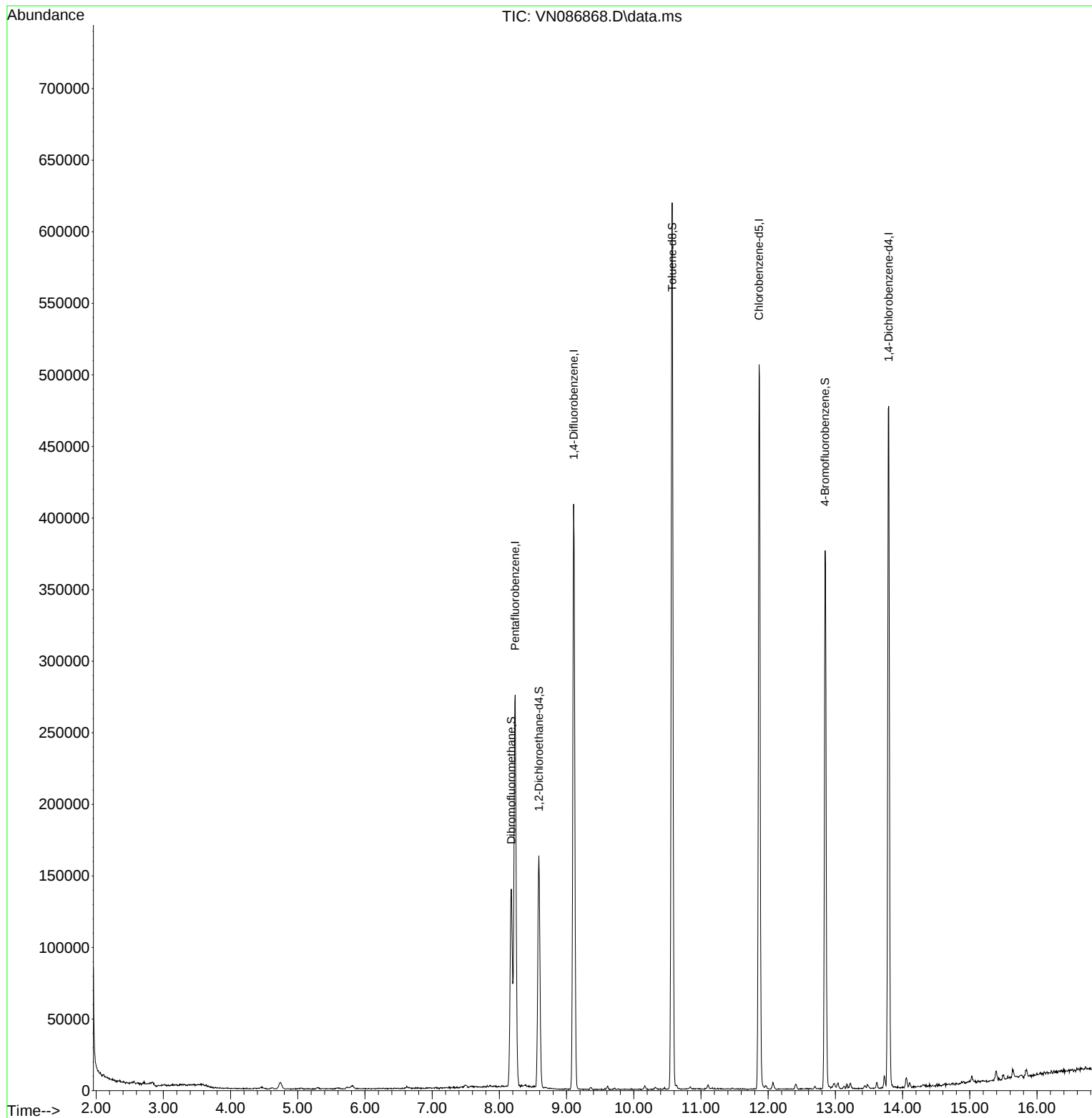
Target Compounds	Qvalue

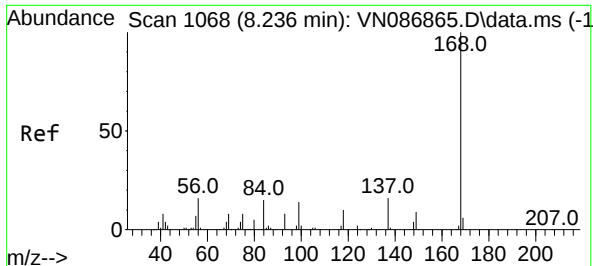
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086868.D
Acq On : 06 Jun 2025 15:12
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jun 07 02:15:43 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

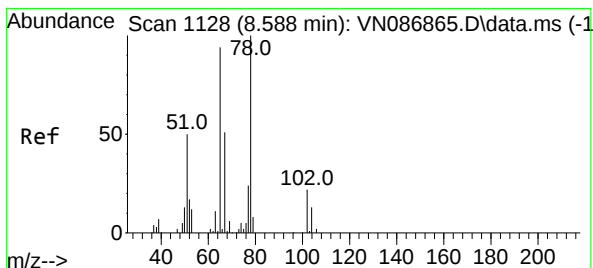
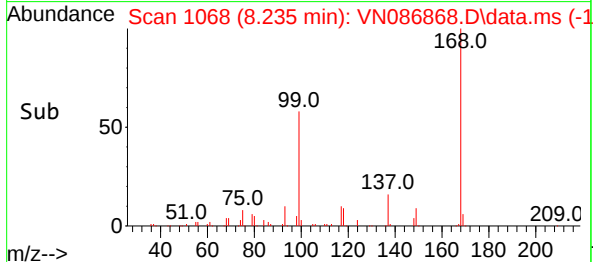
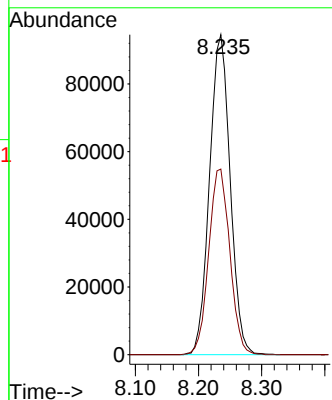
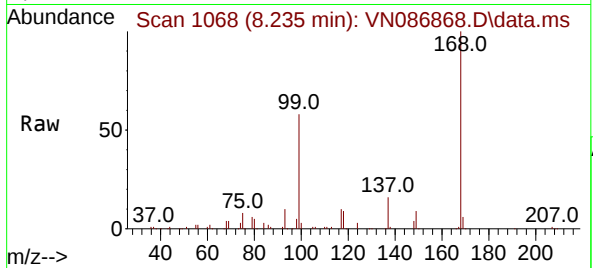




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1106
Delta R.T. -0.001 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

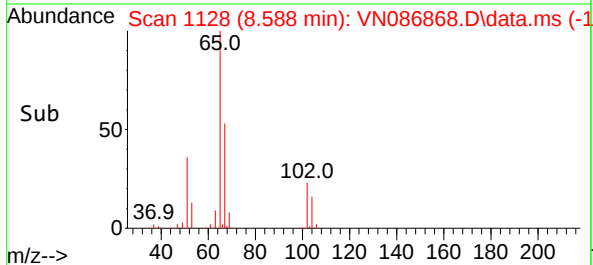
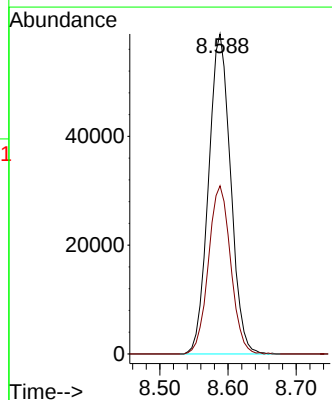
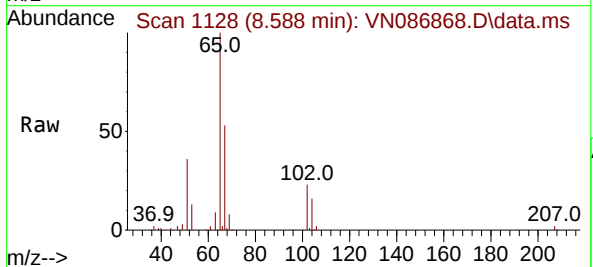
Instrument :
MSVOA_N
ClientSampleId :
IBLK

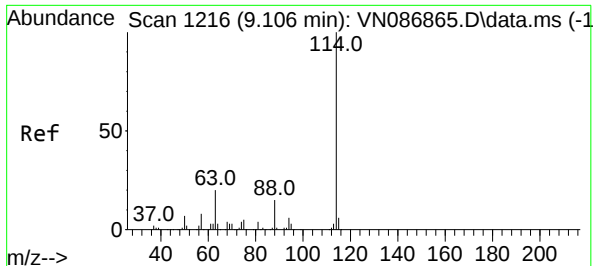
Tgt Ion:168 Resp: 214782
Ion Ratio Lower Upper
168 100
99 58.0 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 46.042 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion: 65 Resp: 132402
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.6

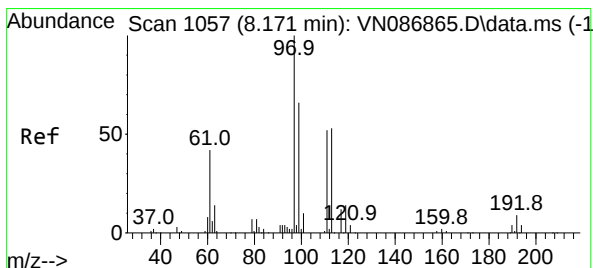
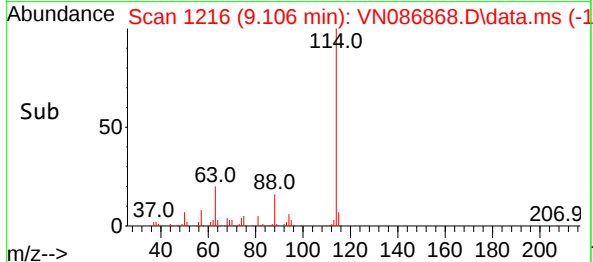
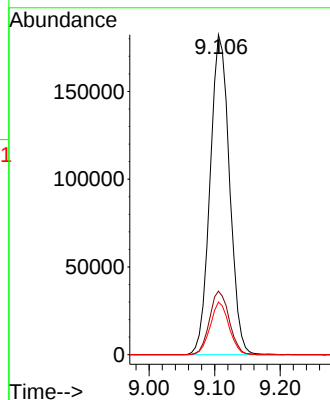
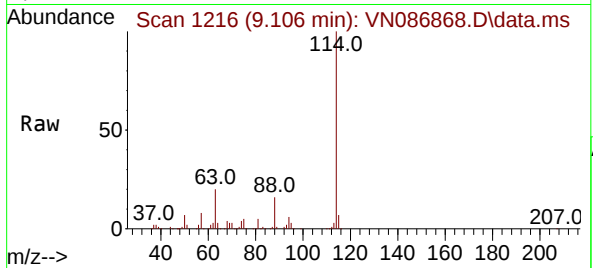




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

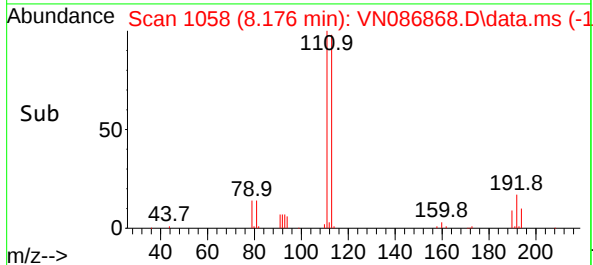
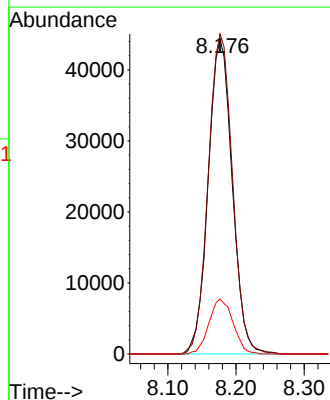
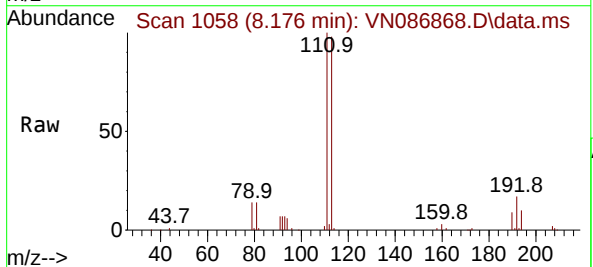
Instrument :
MSVOA_N
ClientSampleId :
IBLK

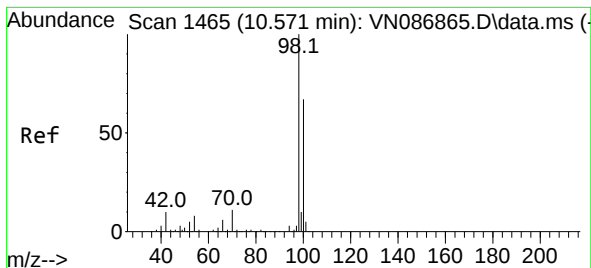
Tgt Ion:114 Resp: 375045
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 16.5 0.0 30.2



#35
Dibromofluoromethane
Concen: 48.850 ug/l
RT: 8.176 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion:113 Resp: 108575
Ion Ratio Lower Upper
113 100
111 102.6 84.2 126.2
192 17.5 14.2 21.4





#50

Toluene-d8

Concen: 50.817 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086868.D

Acq: 06 Jun 2025 15:12

Instrument :

MSVOA_N

ClientSampleId :

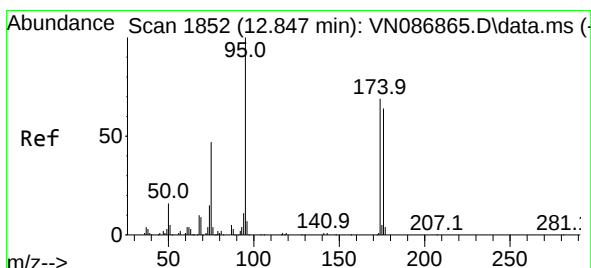
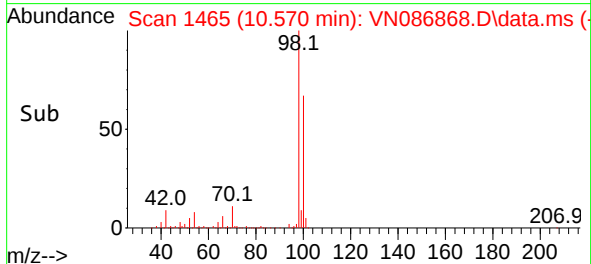
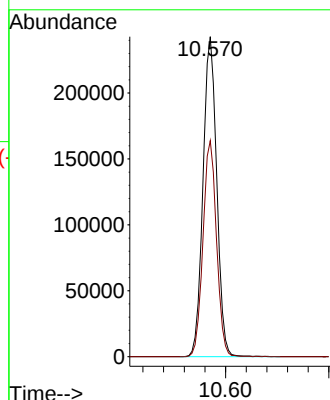
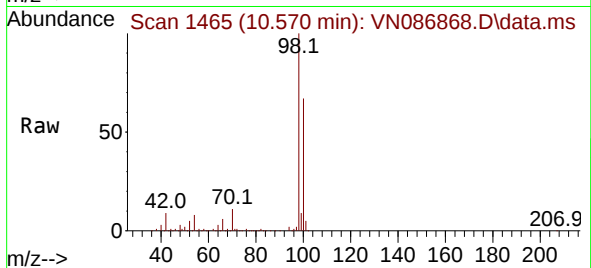
IBLK

Tgt Ion: 98 Resp: 447123

Ion Ratio Lower Upper

98 100

100 66.6 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 46.820 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086868.D

Acq: 06 Jun 2025 15:12

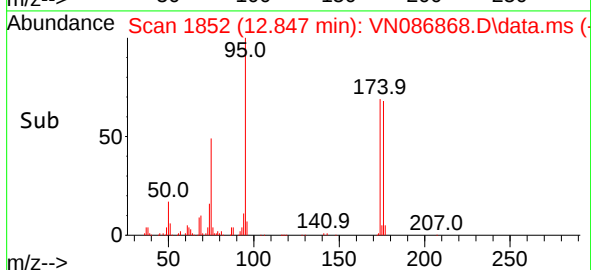
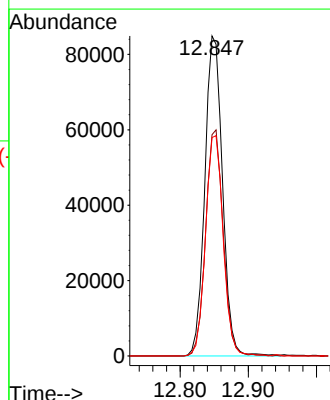
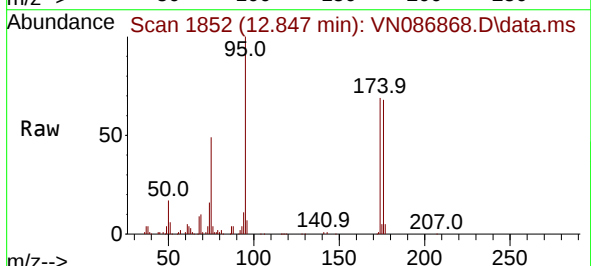
Tgt Ion: 95 Resp: 153053

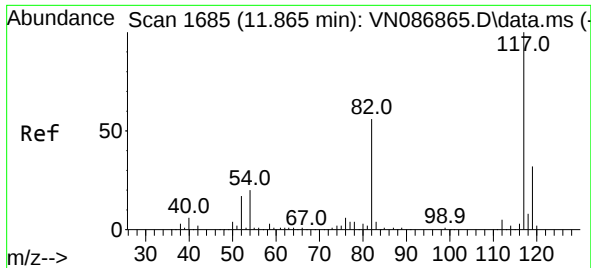
Ion Ratio Lower Upper

95 100

174 70.3 0.0 141.8

176 69.0 0.0 132.6

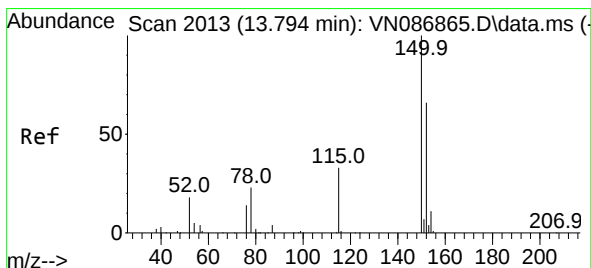
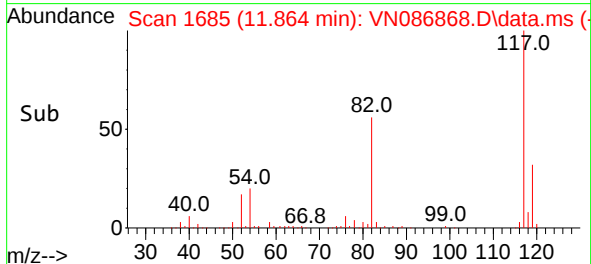
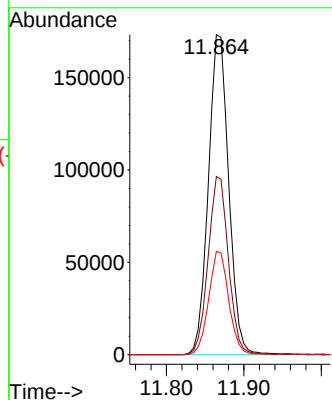
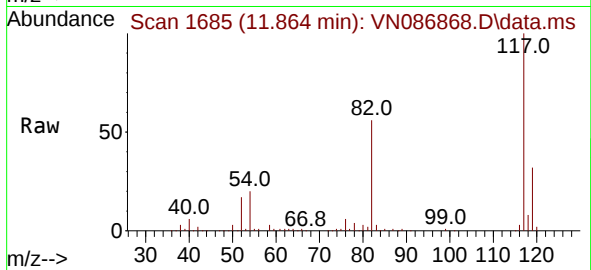




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 316573
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086868.D
Acq: 06 Jun 2025 15:12

Tgt Ion:152 Resp: 142206
Ion Ratio Lower Upper
152 100
115 61.5 30.1 90.5
150 157.6 0.0 345.0

