

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086924.D
 Acq On : 10 Jun 2025 13:34
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 11 01:54:31 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)

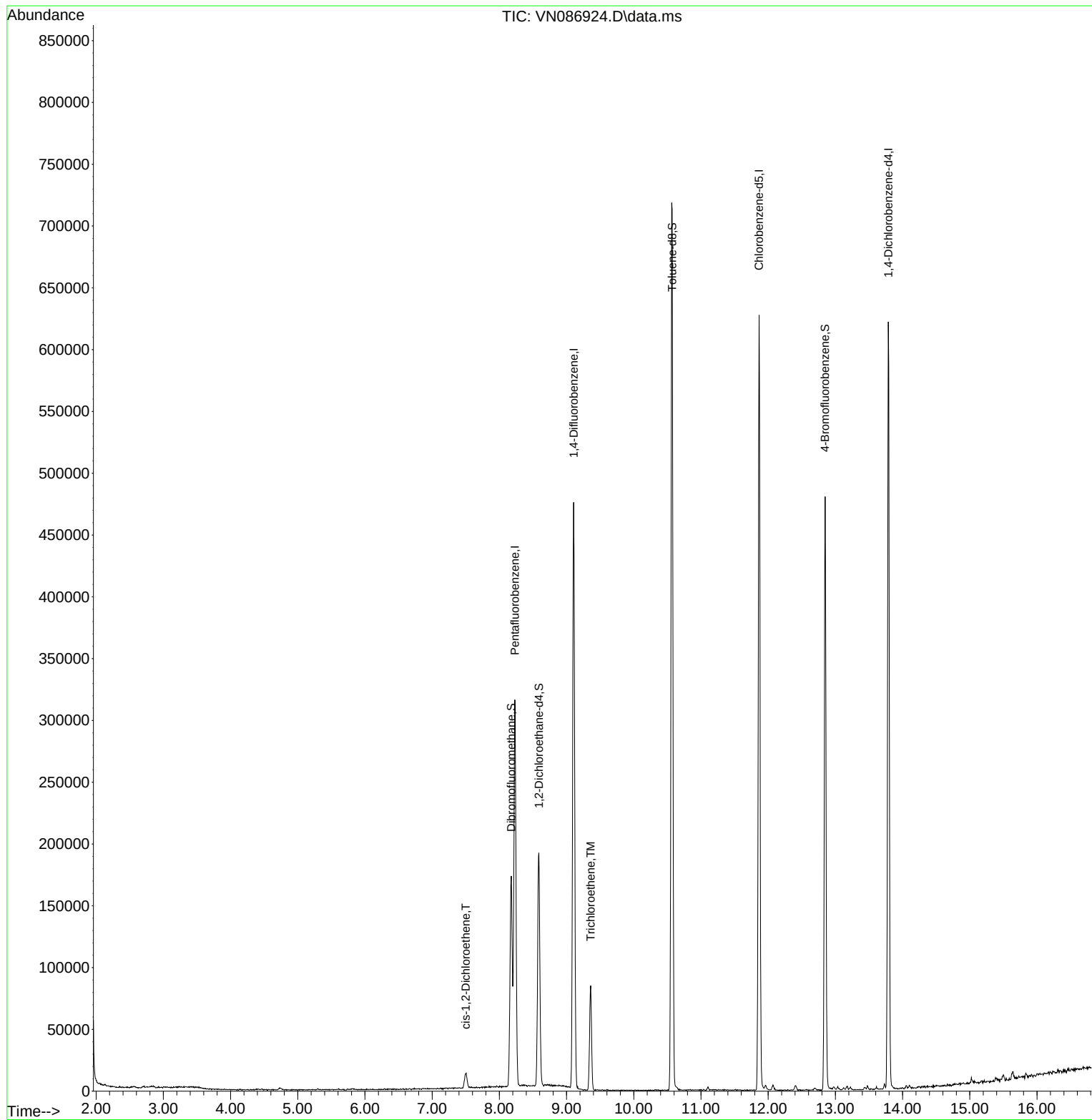
Internal Standards						
1) Pentafluorobenzene	8.230	168	242189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	448471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	388518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	184311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	155596	47.984	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.960%
35) Dibromofluoromethane	8.177	113	130634	49.152	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.300%
50) Toluene-d8	10.571	98	538266	51.160	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.847	95	192204	49.170	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.340%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	7.500	96	9812	2.736	ug/l	76
44) Trichloroethene	9.359	130	33029	10.756	ug/l	98

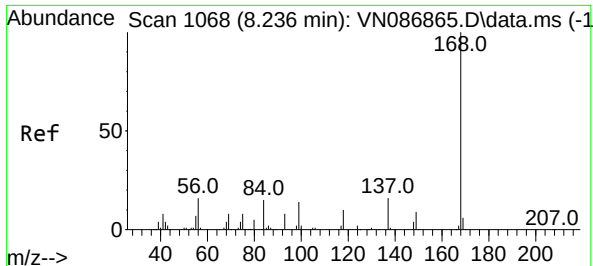
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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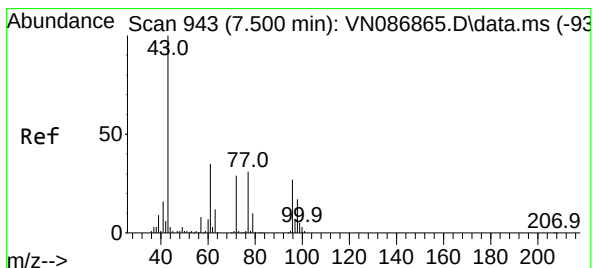
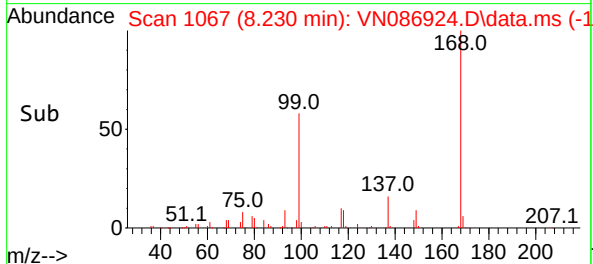
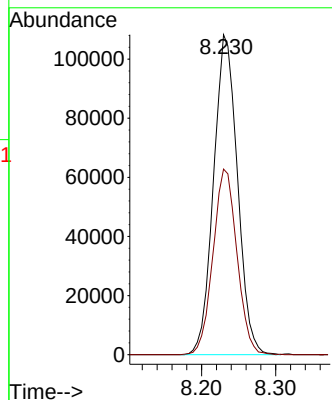
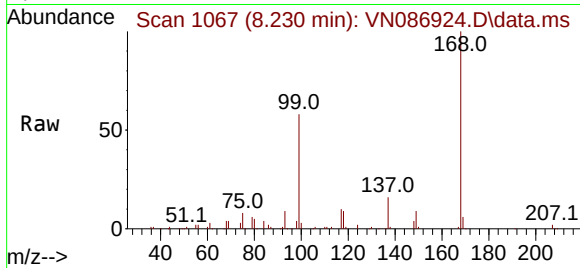




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086924.D
Acq: 10 Jun 2025 13:34

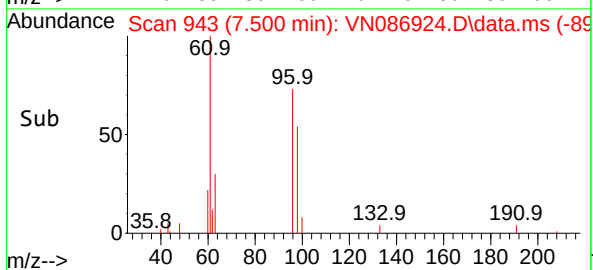
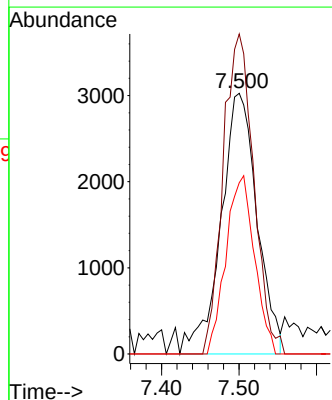
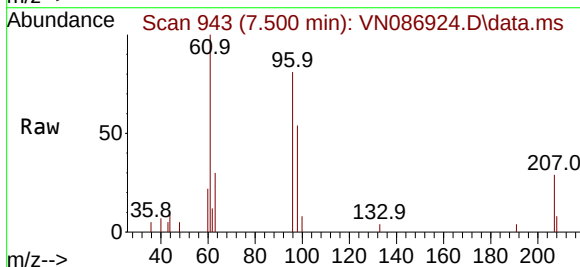
Instrument :
MSVOA_N
ClientSampleId :
IBLK

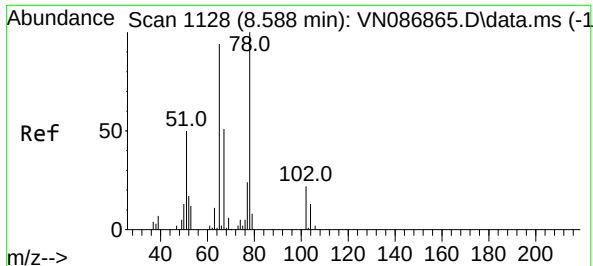
Tgt Ion:168 Resp: 242189
Ion Ratio Lower Upper
168 100
99 58.0 49.1 73.7



#27
cis-1,2-Dichloroethene
Concen: 2.736 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086924.D
Acq: 10 Jun 2025 13:34

Tgt Ion: 96 Resp: 9812
Ion Ratio Lower Upper
96 100
61 104.0 0.0 278.0
98 54.0 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 47.984 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086924.D

Acq: 10 Jun 2025 13:34

Instrument :

MSVOA_N

ClientSampleId :

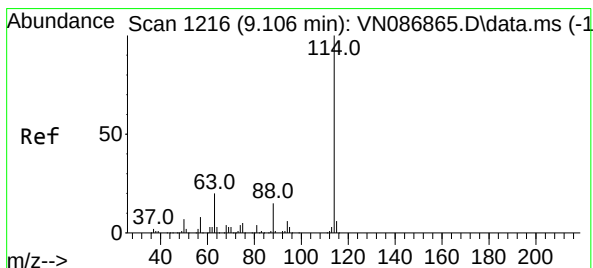
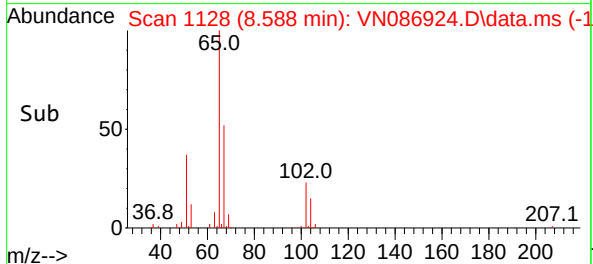
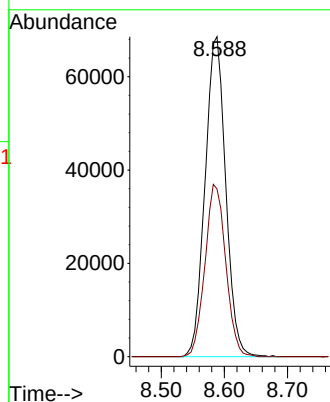
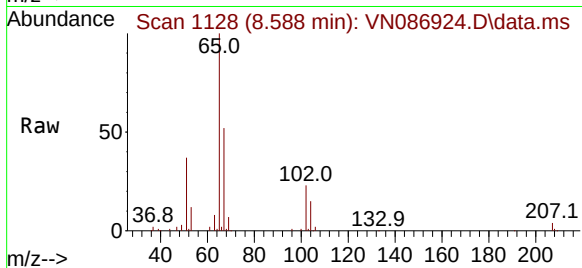
IBLK

Tgt Ion: 65 Resp: 155596

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086924.D

Acq: 10 Jun 2025 13:34

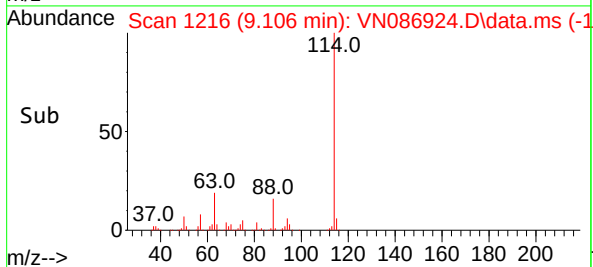
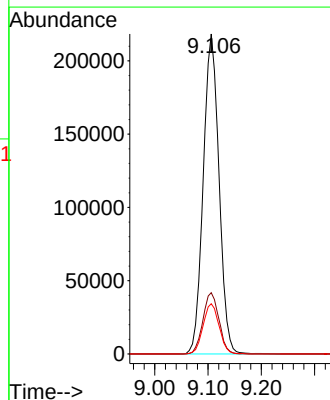
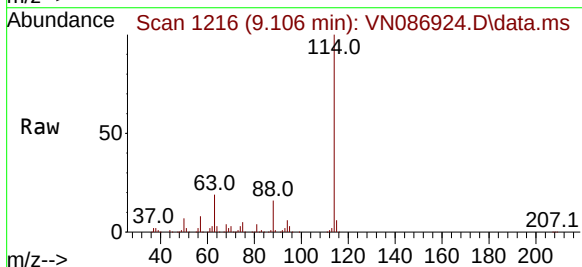
Tgt Ion: 114 Resp: 448471

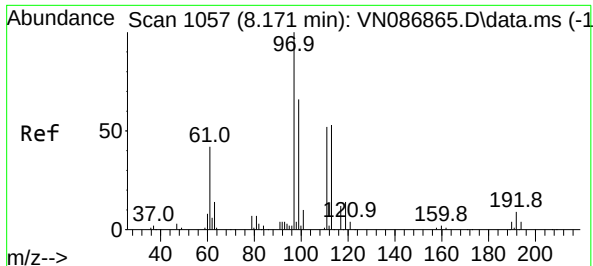
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.7 0.0 30.2

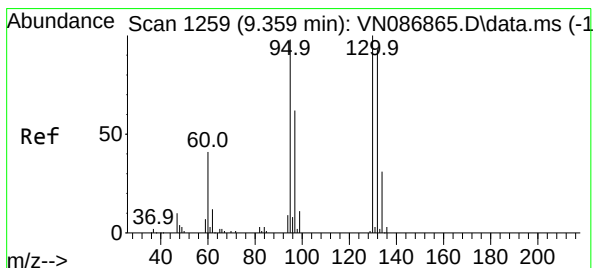
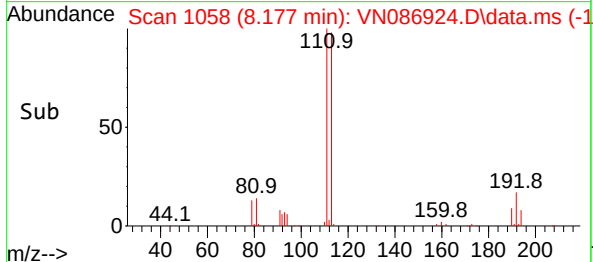
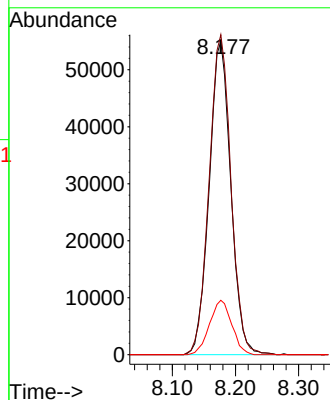
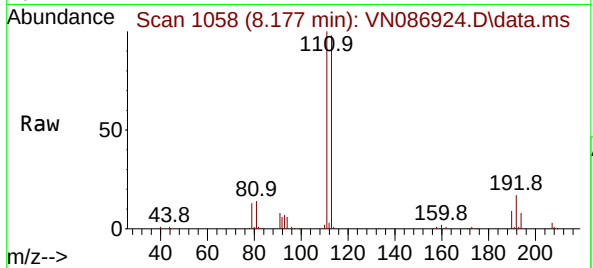




#35
Dibromofluoromethane
Concen: 49.152 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086924.D
Acq: 10 Jun 2025 13:34

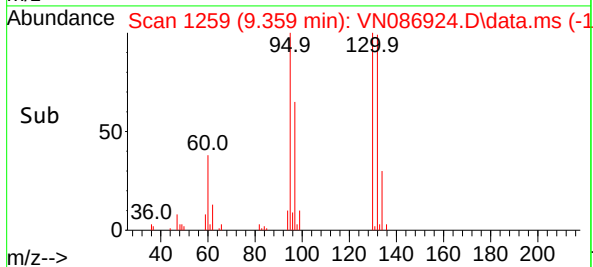
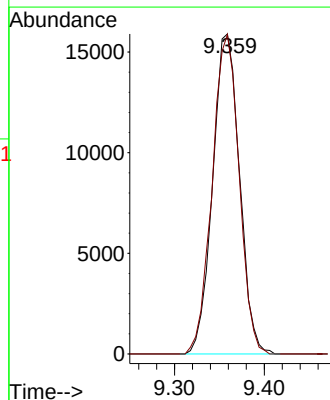
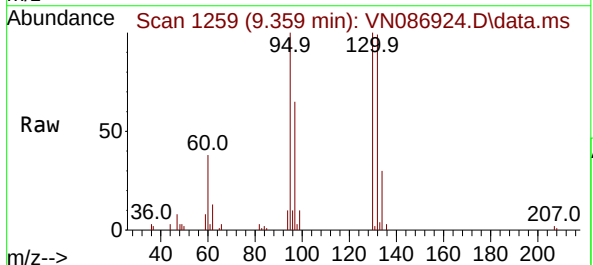
Instrument :
MSVOA_N
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IBLK

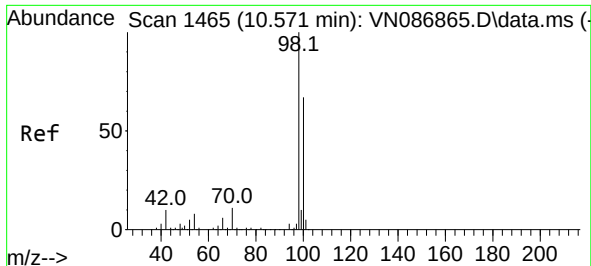
Tgt Ion:113 Resp: 130634
Ion Ratio Lower Upper
113 100
111 103.1 84.2 126.2
192 17.9 14.2 21.4



#44
Trichloroethene
Concen: 10.756 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086924.D
Acq: 10 Jun 2025 13:34

Tgt Ion:130 Resp: 33029
Ion Ratio Lower Upper
130 100
95 99.9 0.0 196.2

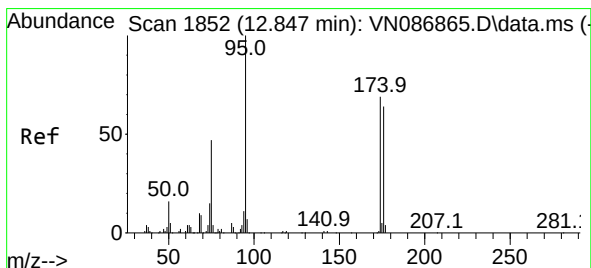
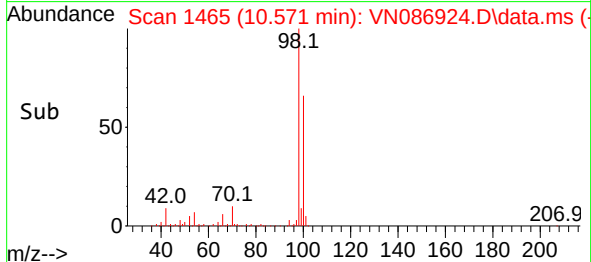
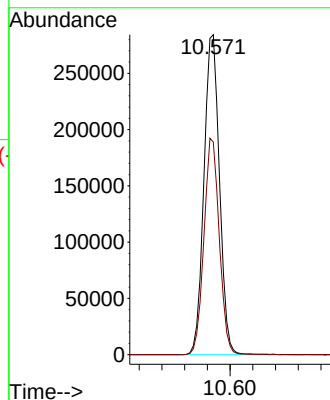
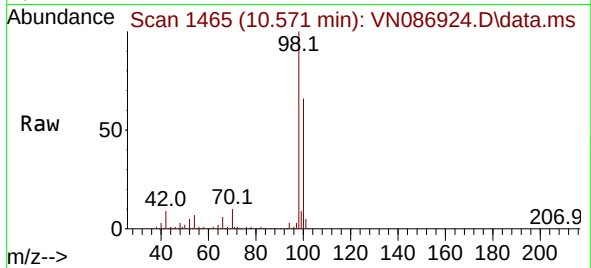




#50
Toluene-d8
Concen: 51.160 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086924.D
Acq: 10 Jun 2025 13:34

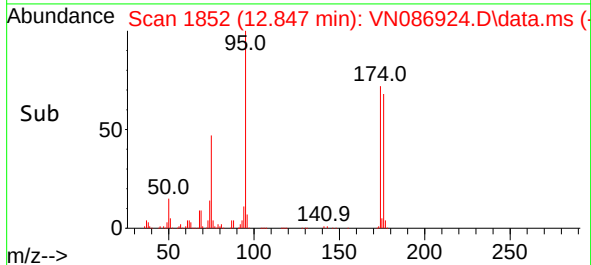
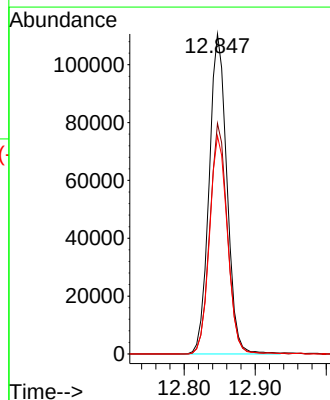
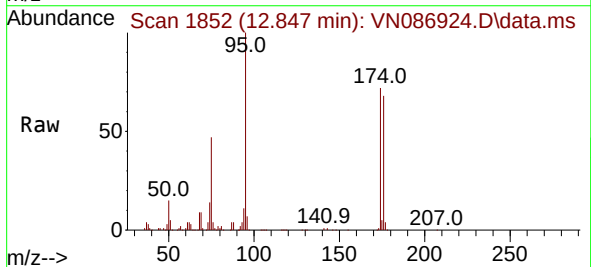
Instrument :
MSVOA_N
ClientSampleId :
IBLK

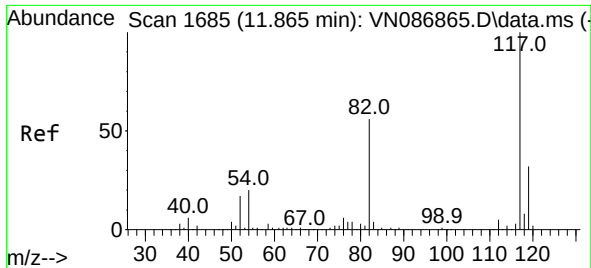
Tgt Ion: 98 Resp: 538266
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.170 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086924.D
Acq: 10 Jun 2025 13:34

Tgt Ion: 95 Resp: 192204
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.8
176 68.7 0.0 132.6

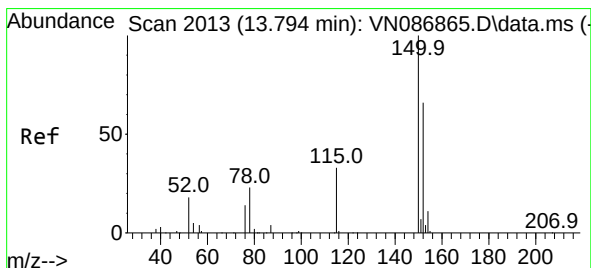
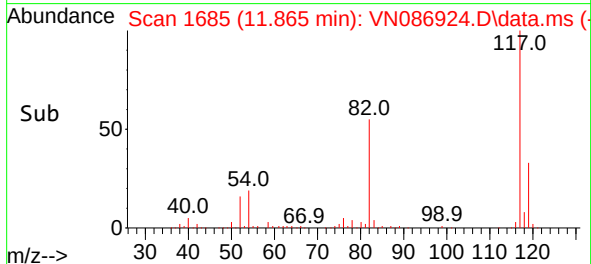
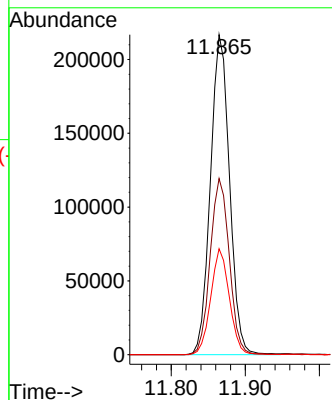
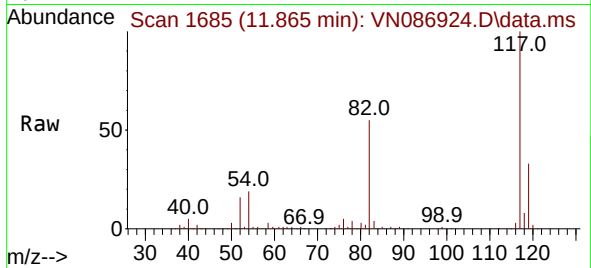




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086924.D
Acq: 10 Jun 2025 13:34

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 388518
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 33.1 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: VN086924.D
Acq: 10 Jun 2025 13:34

Tgt Ion:152 Resp: 184311
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.5
150 158.3 0.0 345.0

