

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082874.D
 Acq On : 11 Jul 2024 14:19
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 12 01:06:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	117643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	226206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	224106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	87817	53.251	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	106.500%	
35) Dibromofluoromethane	8.165	113	72256	49.780	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.560%	
50) Toluene-d8	10.571	98	258174	48.157	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.320%	
62) 4-Bromofluorobenzene	12.853	95	94998	49.330	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	98.660%	

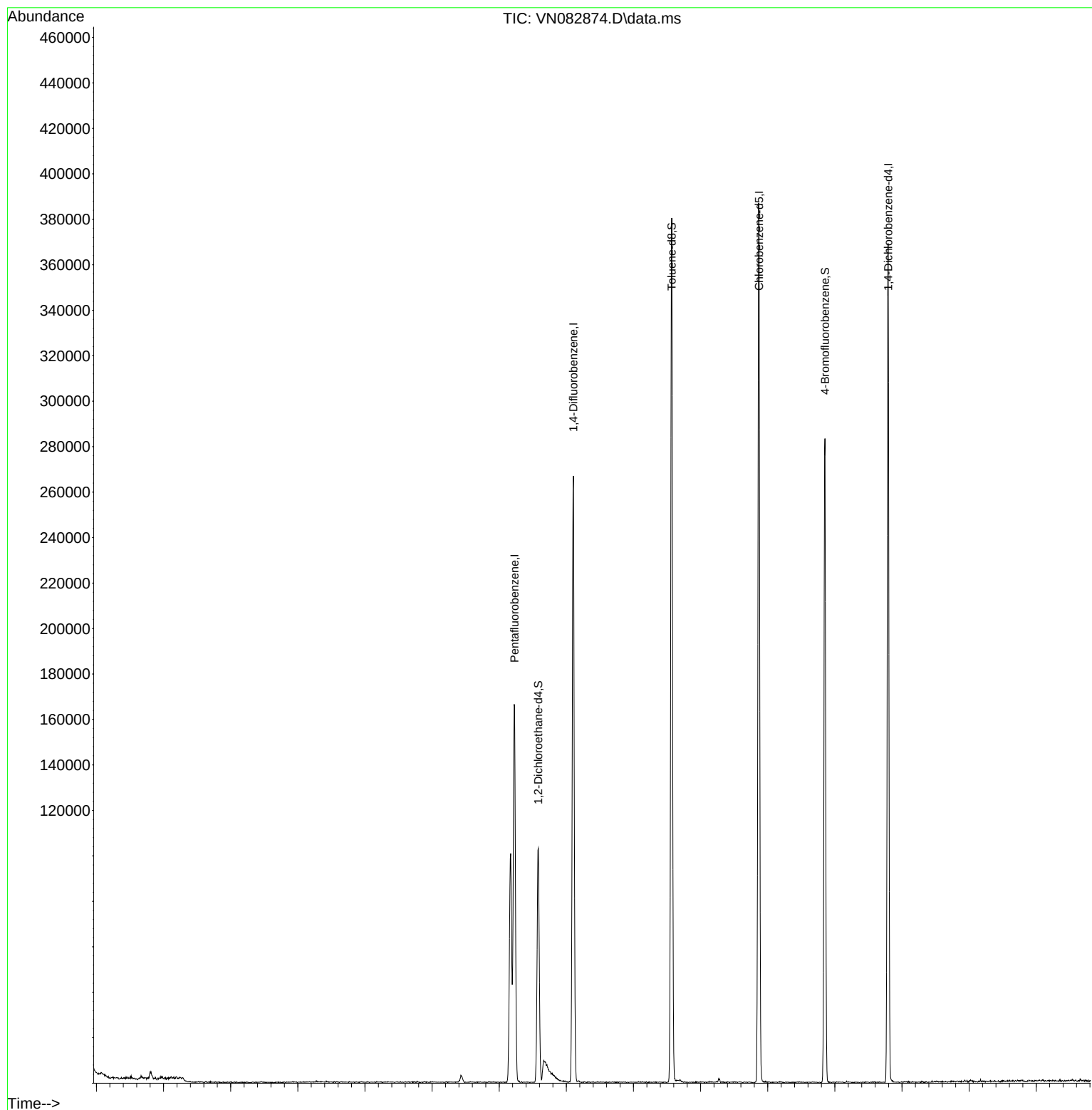
Target Compounds Qvalue

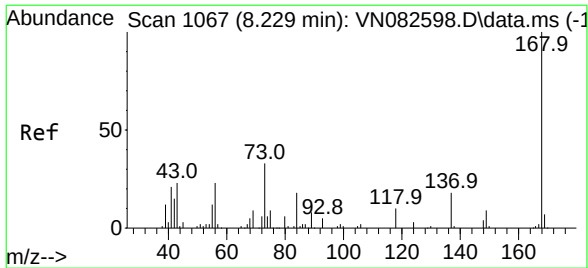
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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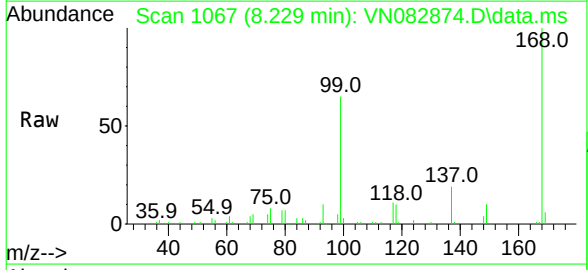
Quant Time: Jul 12 01:06:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
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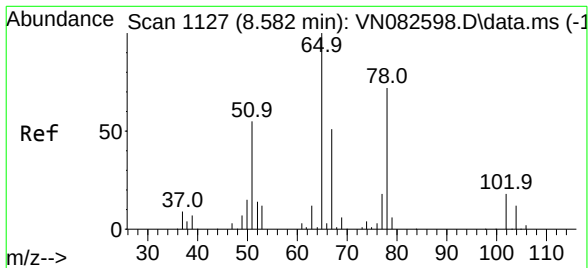
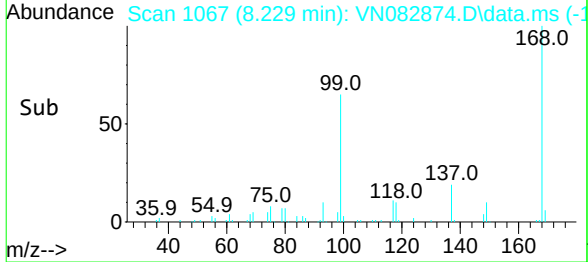
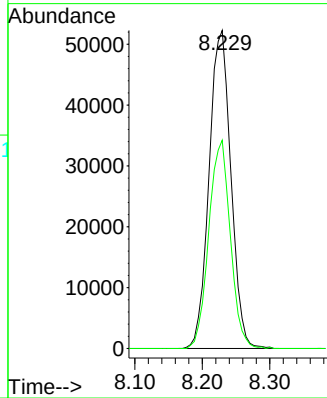


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. 0.001 min
 Lab File: VN082874.D
 Acq: 11 Jul 2024 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

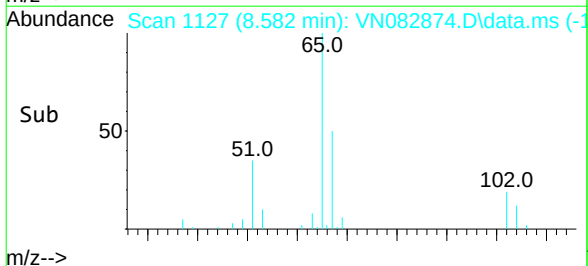
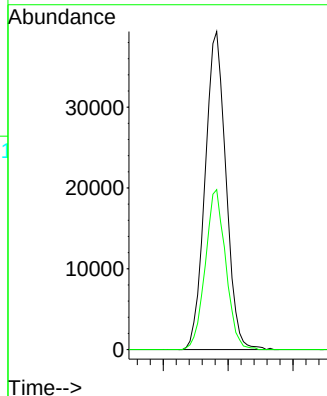
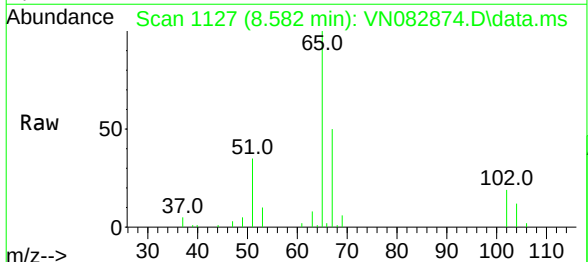


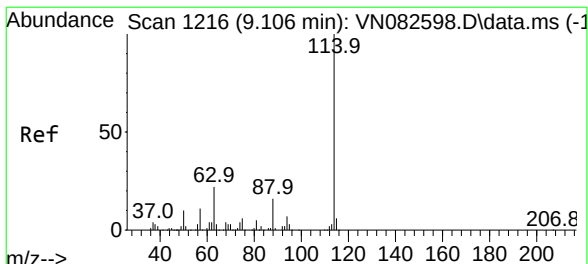
Tgt Ion: 168 Resp: 117643
 Ion Ratio Lower Upper
 168 100
 99 65.5 48.2 72.4



#33
 1,2-Dichloroethane-d4
 Concen: 53.251 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082874.D
 Acq: 11 Jul 2024 14:19

Tgt Ion: 65 Resp: 87817
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 104.4

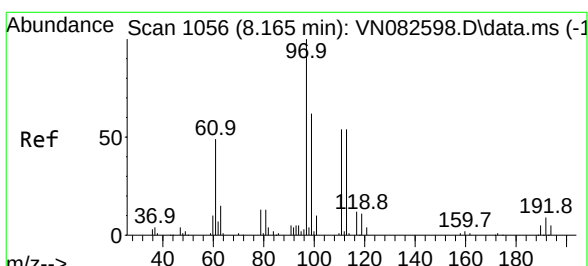
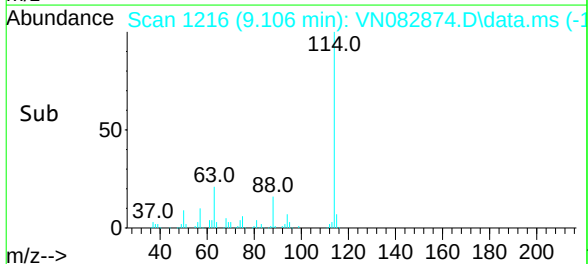
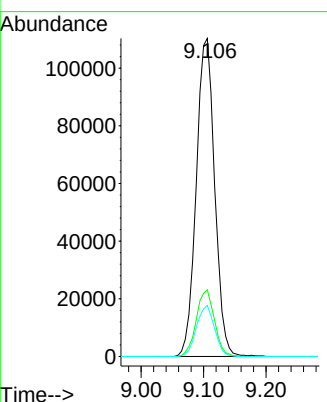
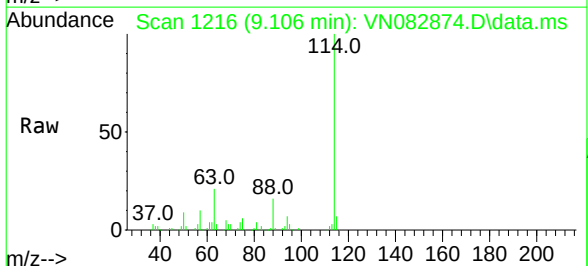




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082874.D
 Acq: 11 Jul 2024 14:19

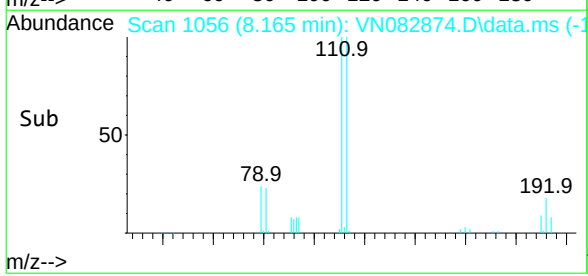
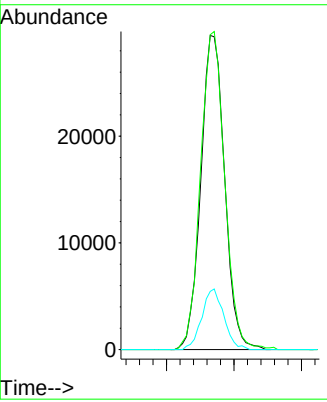
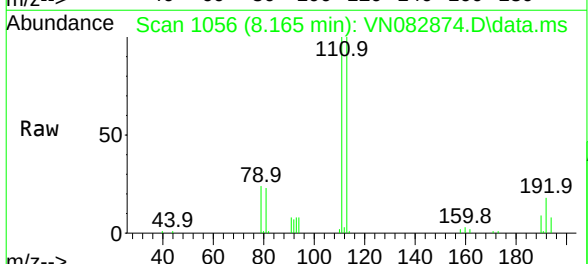
Instrument : MSVOA_N
 ClientSampleId : IBLK

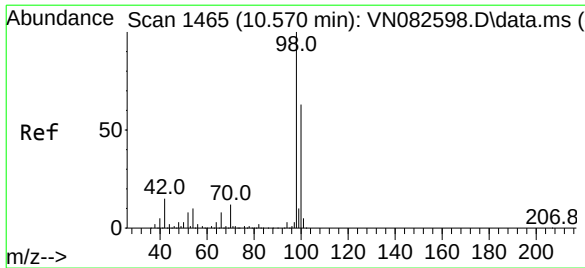
Tgt Ion:	114	Resp:	226206
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	44.6
88	16.1	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 49.780 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN082874.D
 Acq: 11 Jul 2024 14:19

Tgt Ion:	113	Resp:	72256
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	17.9	14.9	22.3





#50

Toluene-d8

Concen: 48.157 ug/l

RT: 10.571 min Scan# 14

Delta R.T. 0.001 min

Lab File: VN082874.D

Acq: 11 Jul 2024 14:19

Instrument :

MSVOA_N

ClientSampleId :

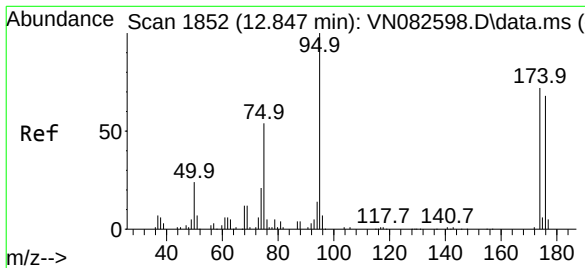
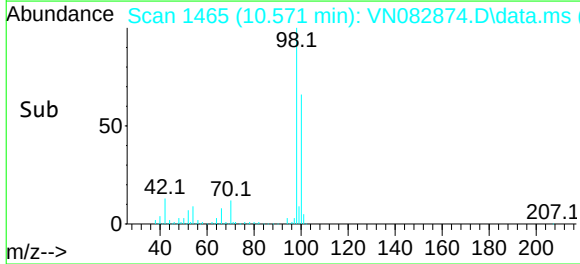
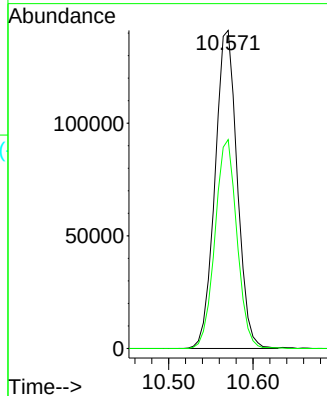
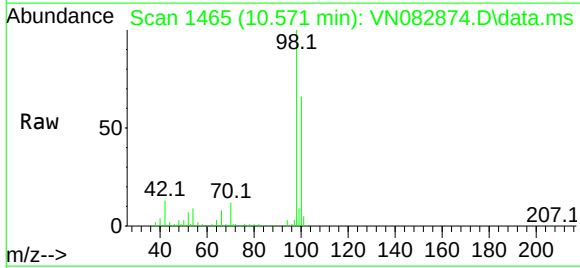
IBLK

Tgt Ion: 98 Resp: 258174

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 49.330 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082874.D

Acq: 11 Jul 2024 14:19

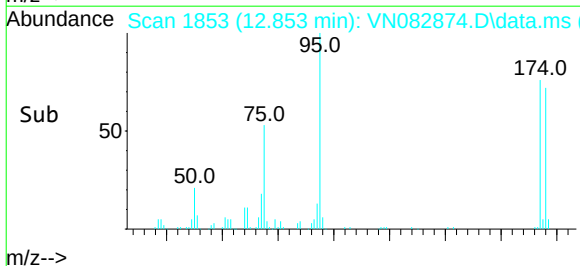
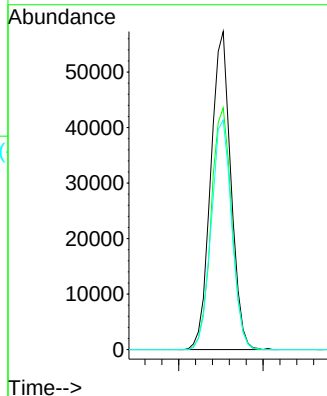
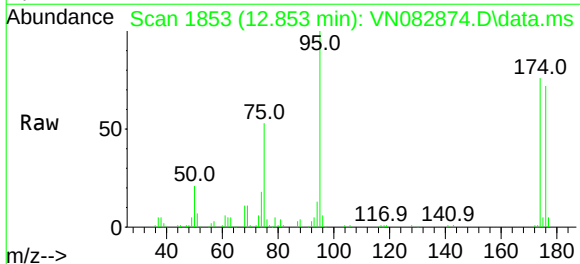
Tgt Ion: 95 Resp: 94998

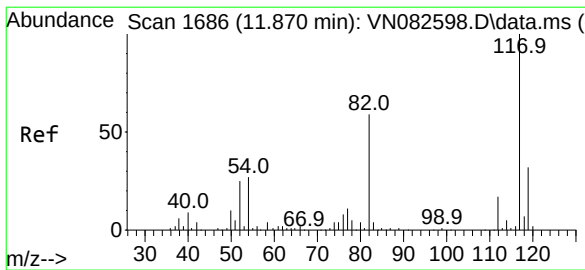
Ion Ratio Lower Upper

95 100

174 77.3 0.0 159.2

176 73.6 0.0 147.6

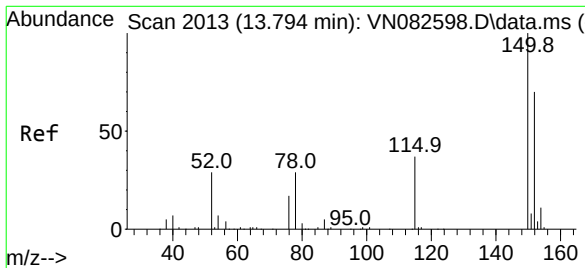
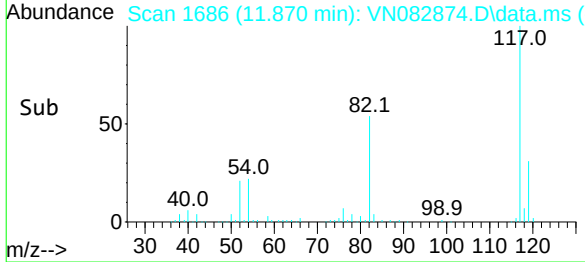
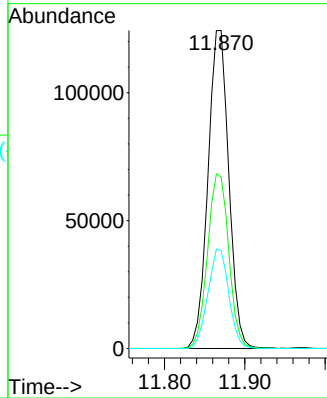
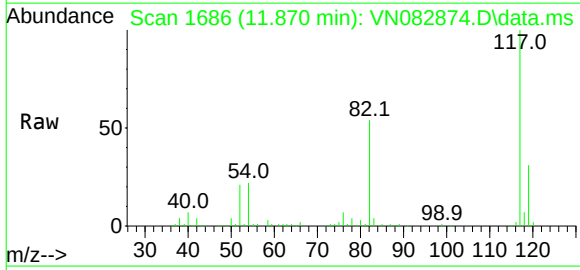




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082874.D
Acq: 11 Jul 2024 14:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	117	Resp:	224106
Ion	Ratio	Lower	Upper
117	100		
82	53.9	47.5	71.3
119	30.8	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082874.D
Acq: 11 Jul 2024 14:19

Tgt Ion:	152	Resp:	98549
Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.6	91.6
150	157.0	0.0	348.6

