

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082879.D
 Acq On : 11 Jul 2024 16:20
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 12 01:08:54 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	8.224	168	132617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	238892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	232439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	94156	50.648	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	101.300%	
35) Dibromofluoromethane	8.165	113	75641	49.345	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.680%	
50) Toluene-d8	10.565	98	283259	50.030	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.060%	
62) 4-Bromofluorobenzene	12.853	95	102177	50.240	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	100.480%	

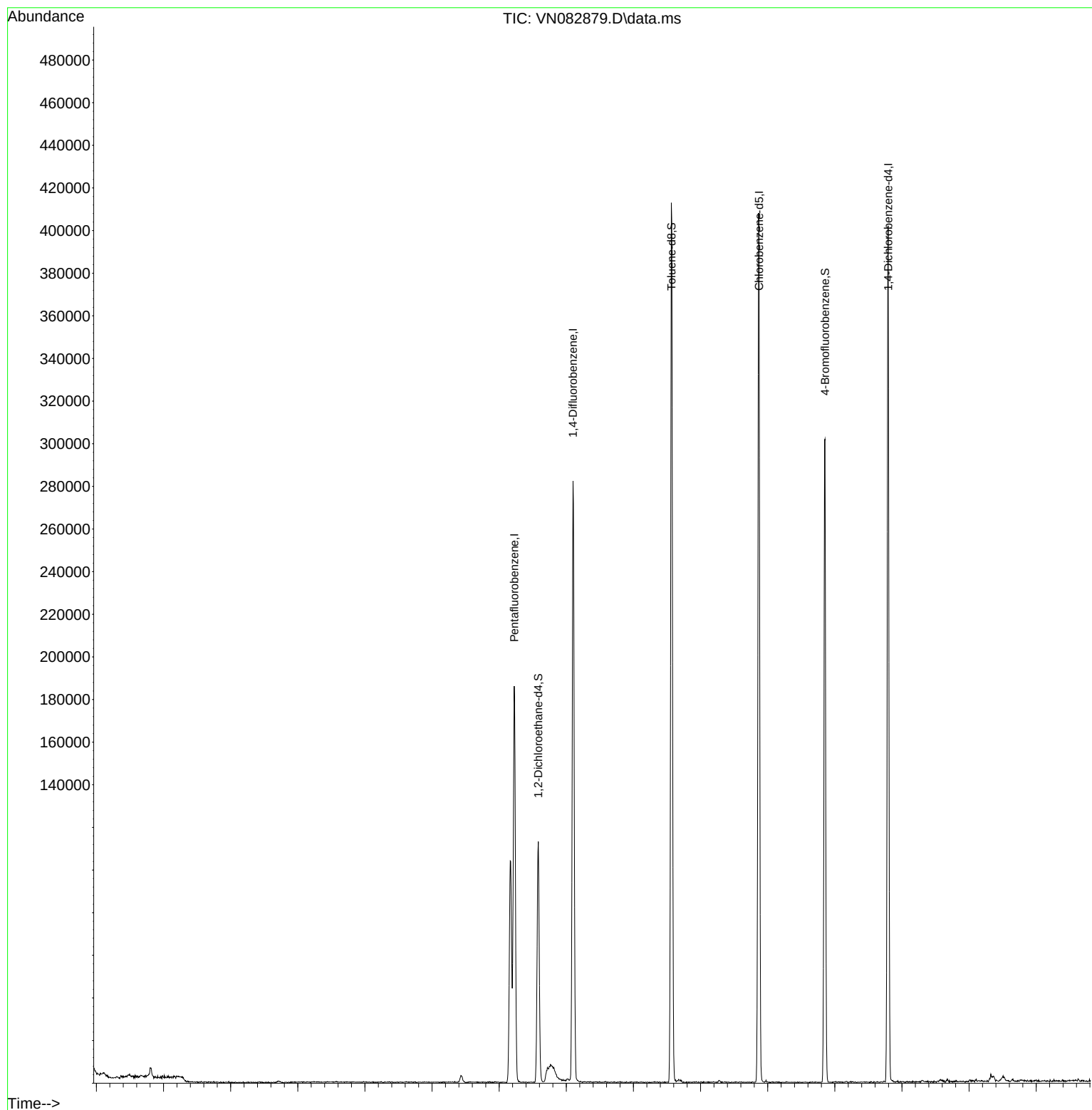
Target Compounds Qvalue

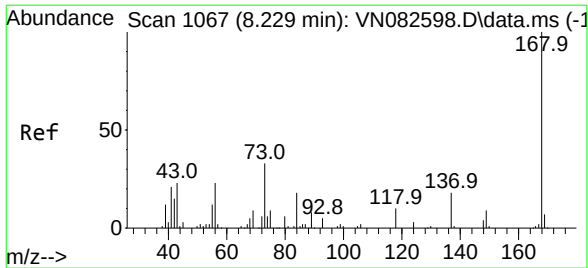
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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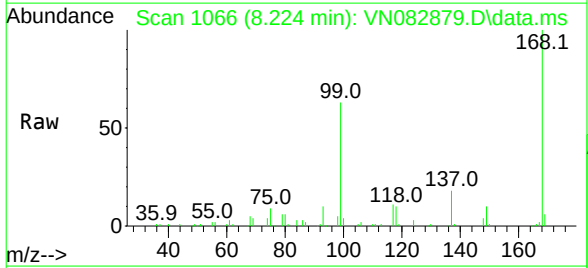
Quant Time: Jul 12 01:08:54 2024
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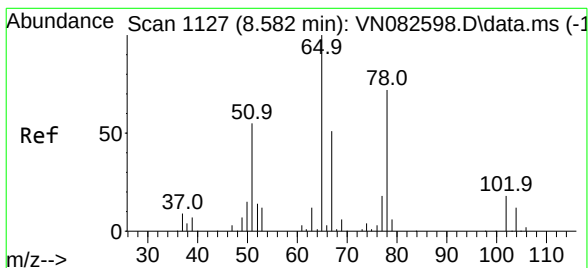
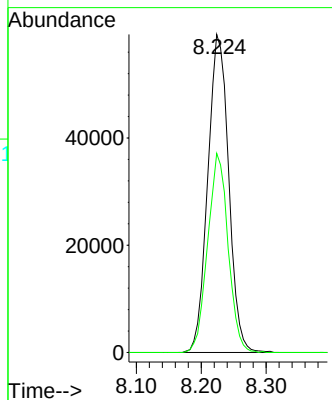
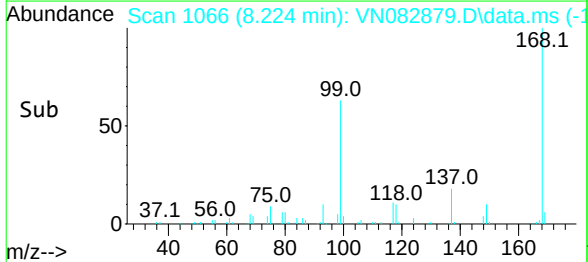


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.005 min
 Lab File: VN082879.D
 Acq: 11 Jul 2024 16:20

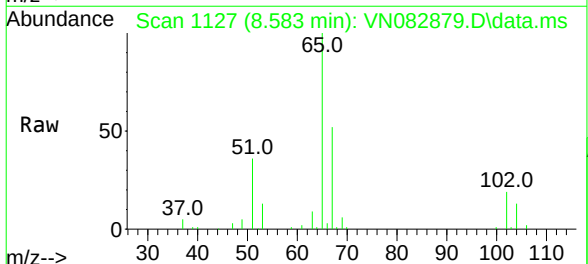
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



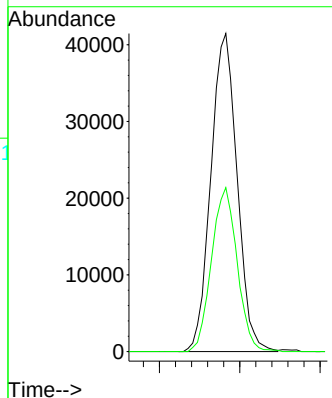
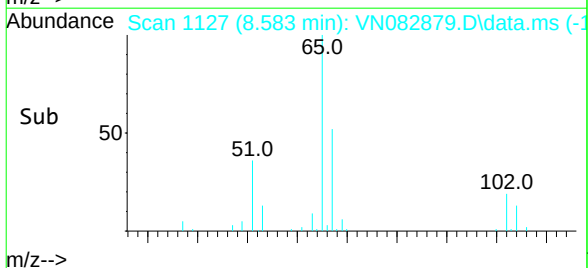
Tgt Ion: 168 Resp: 132617
 Ion Ratio Lower Upper
 168 100
 99 62.6 48.2 72.4

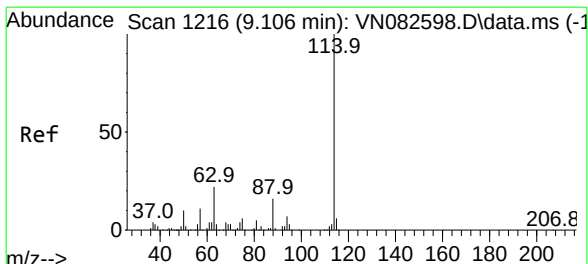


#33
 1,2-Dichloroethane-d4
 Concen: 50.648 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN082879.D
 Acq: 11 Jul 2024 16:20



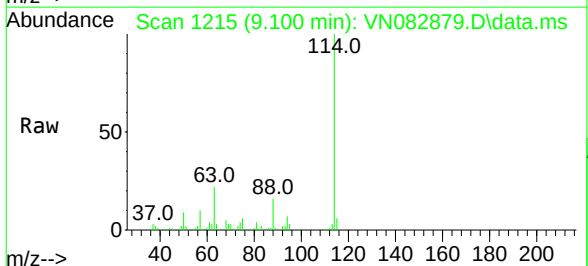
Tgt Ion: 65 Resp: 94156
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 104.4



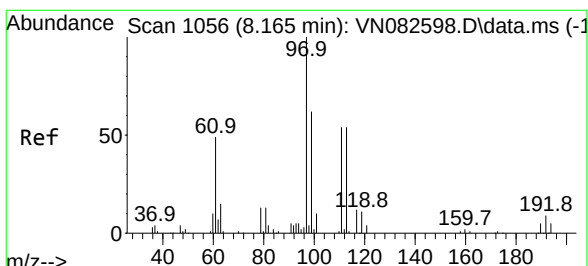
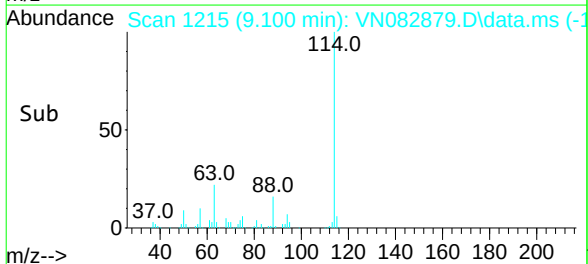
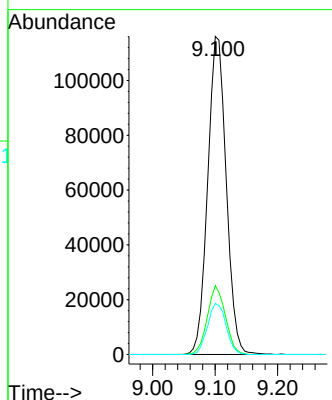


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: VN082879.D
 Acq: 11 Jul 2024 16:20

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

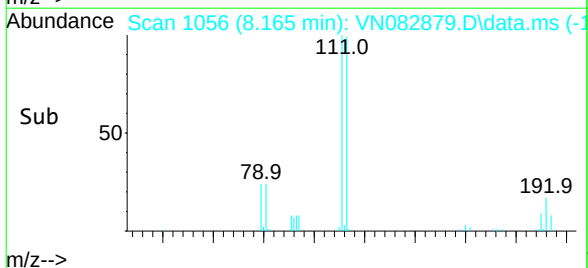
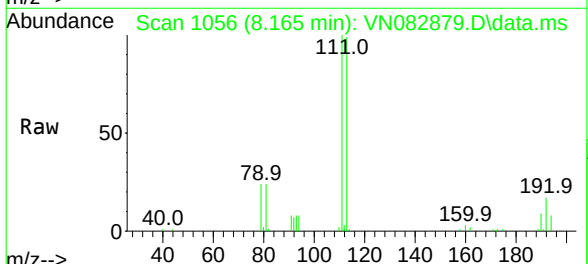
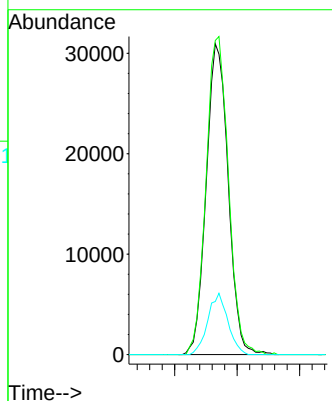


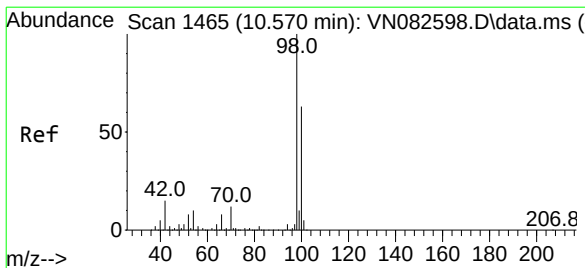
Tgt Ion:	114	Resp:	238892
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.6
88	16.0	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 49.345 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN082879.D
 Acq: 11 Jul 2024 16:20

Tgt Ion:	113	Resp:	75641
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.4	123.6
192	18.1	14.9	22.3





#50

Toluene-d8

Concen: 50.030 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.005 min

Lab File: VN082879.D

Acq: 11 Jul 2024 16:20

Instrument :

MSVOA_N

ClientSampleId :

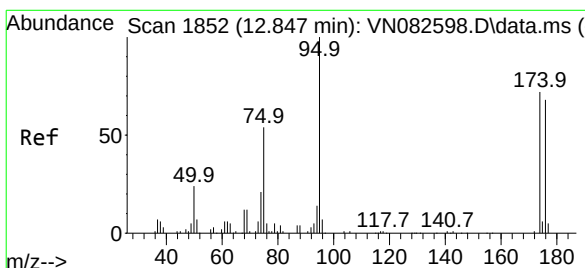
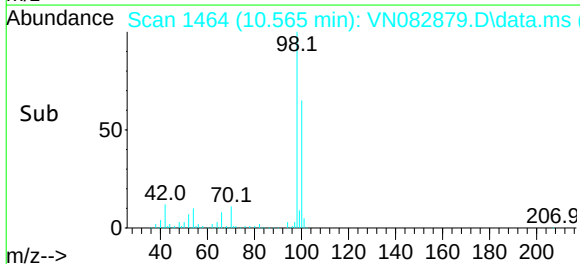
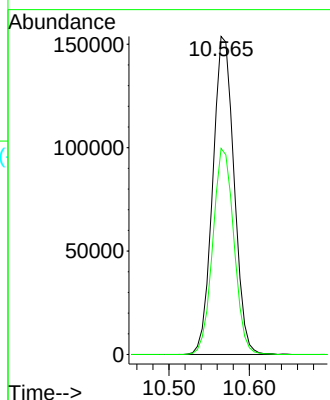
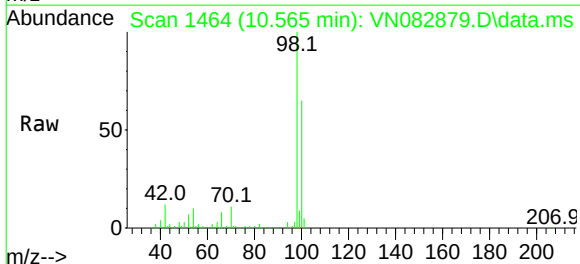
IBLK

Tgt Ion: 98 Resp: 283259

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 50.240 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082879.D

Acq: 11 Jul 2024 16:20

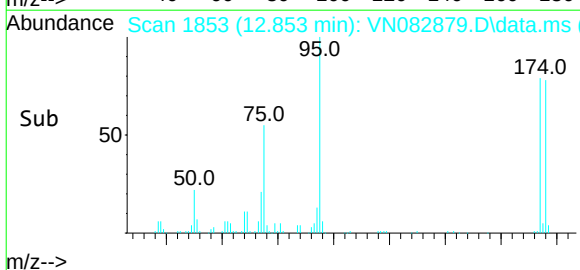
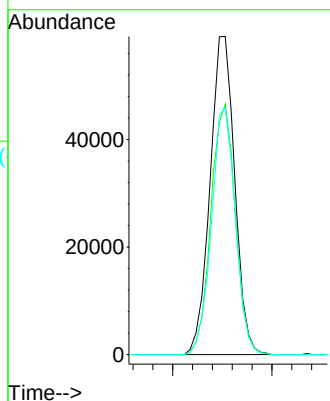
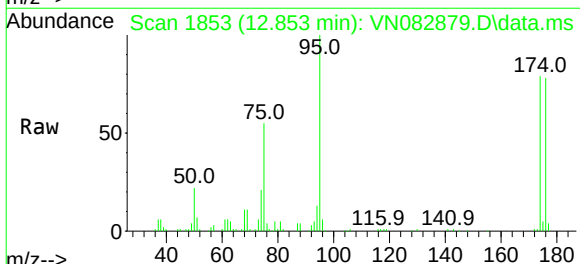
Tgt Ion: 95 Resp: 102177

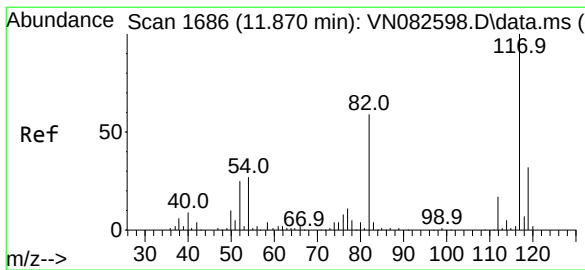
Ion Ratio Lower Upper

95 100

174 77.8 0.0 159.2

176 75.4 0.0 147.6

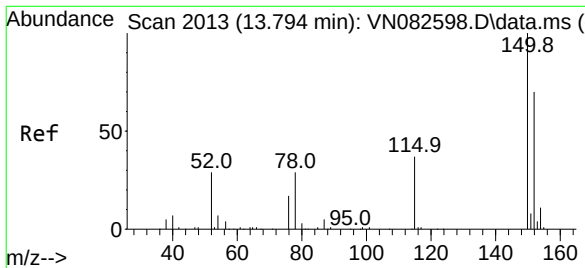
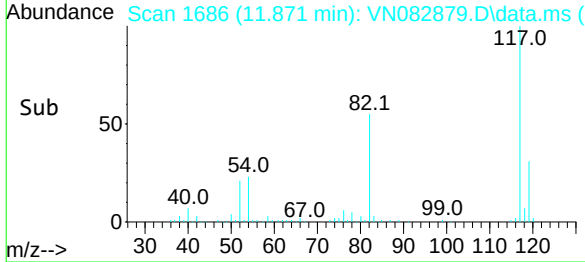
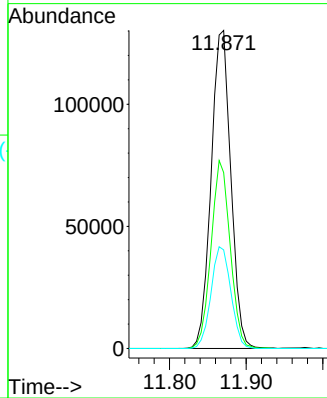
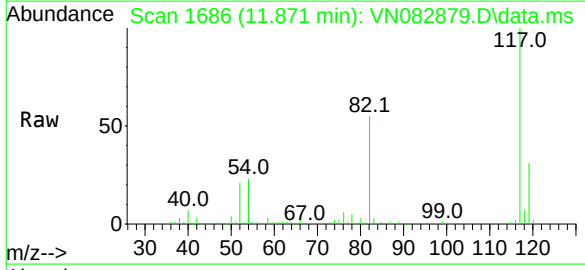




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 232439
Ion Ratio Lower Upper
117 100
82 55.3 47.5 71.3
119 31.0 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: VN082879.D
Acq: 11 Jul 2024 16:20

Tgt Ion:152 Resp: 105063
Ion Ratio Lower Upper
152 100
115 60.3 30.6 91.6
150 157.2 0.0 348.6

