

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082882.D
 Acq On : 11 Jul 2024 17:33
 Operator : JC\MD
 Sample : P3222-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-TB-20240709

Quant Time: Jul 12 01:10:01 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	114425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	216986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96773	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	84960	52.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.940%
35) Dibromofluoromethane	8.165	113	69929	50.224	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.440%
50) Toluene-d8	10.565	98	251461	48.898	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.847	95	94679	51.254	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	102.500%

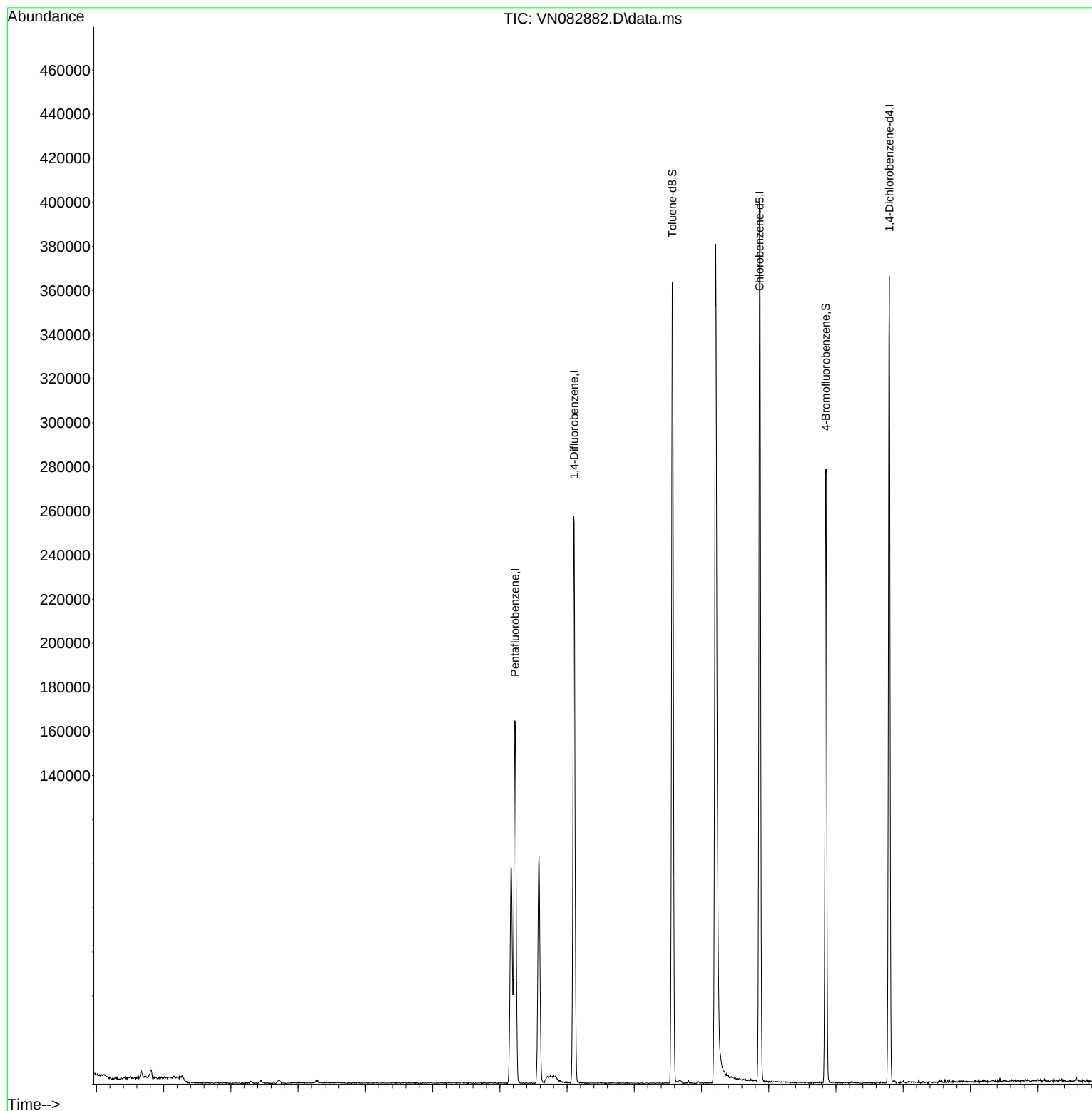
Target Compounds Qvalue

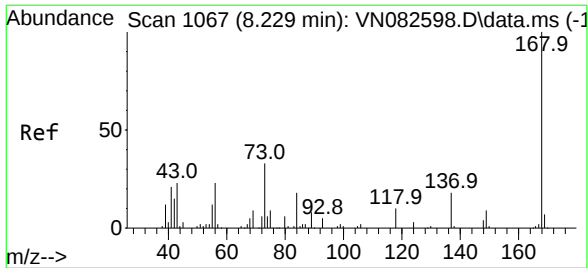
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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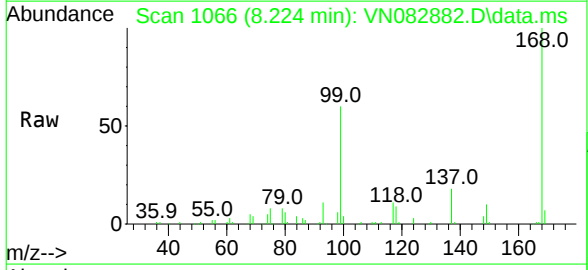
Quant Time: Jul 12 01:10:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
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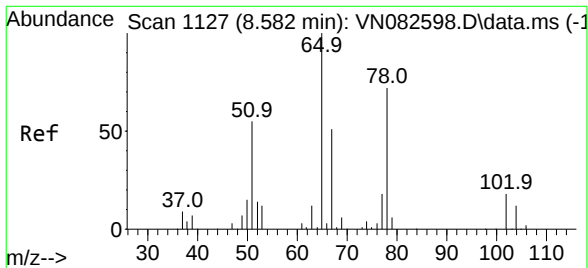
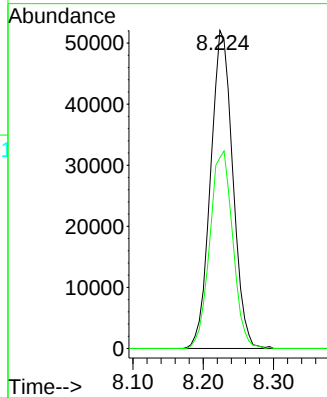
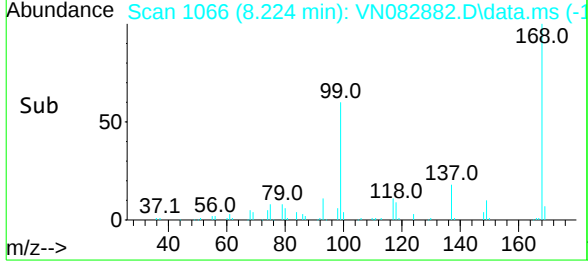


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082882.D
Acq: 11 Jul 2024 17:33

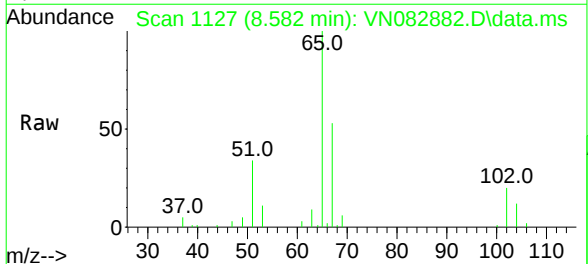
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-TB-20240709



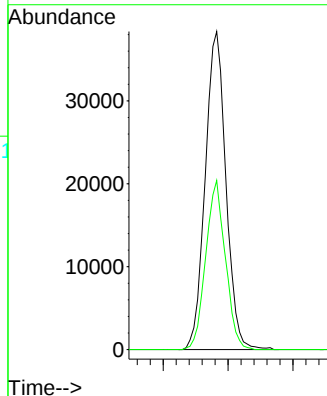
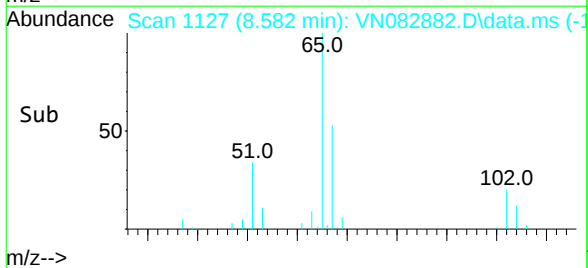
Tgt Ion:168 Resp: 114425
Ion Ratio Lower Upper
168 100
99 60.0 48.2 72.4

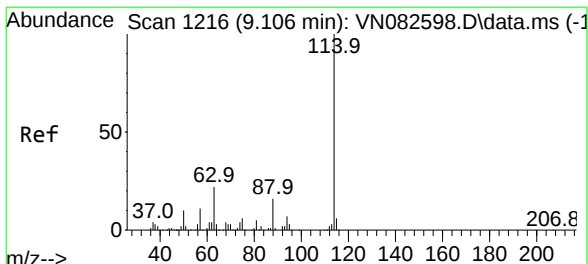


#33
1,2-Dichloroethane-d4
Concen: 52.967 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082882.D
Acq: 11 Jul 2024 17:33



Tgt Ion: 65 Resp: 84960
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4

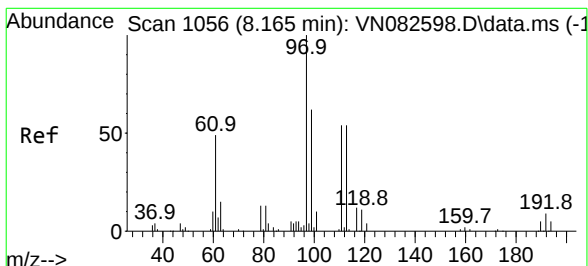
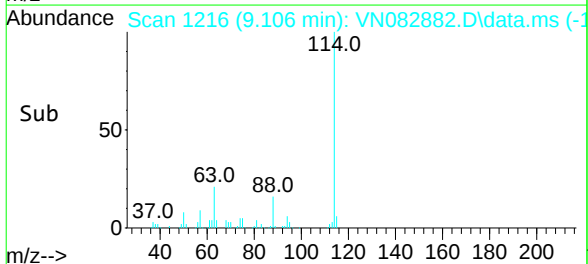
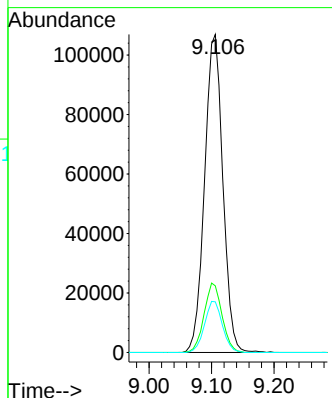
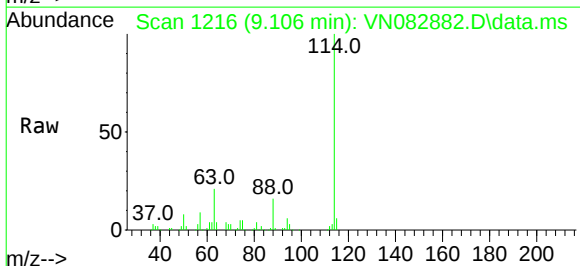




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082882.D
 Acq: 11 Jul 2024 17:33

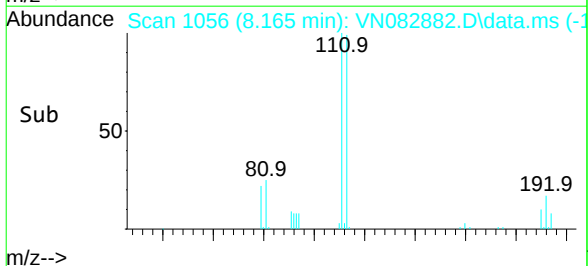
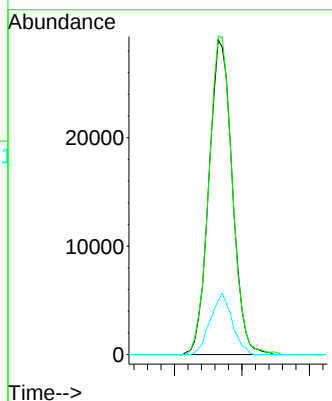
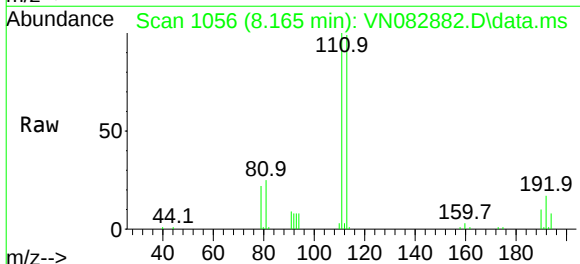
Instrument : MSVOA_N
 ClientSampleId : BP-VPB-196-TB-20240709

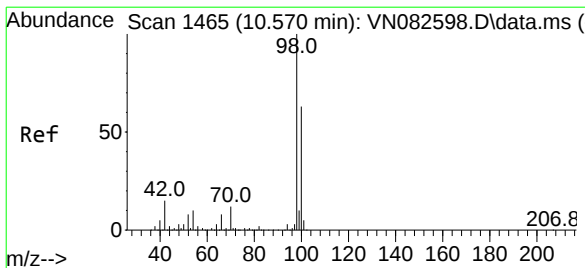
Tgt Ion:	114	Resp:	216986
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.6
88	15.9	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 50.224 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN082882.D
 Acq: 11 Jul 2024 17:33

Tgt Ion:	113	Resp:	69929
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.4	123.6
192	18.2	14.9	22.3





#50

Toluene-d8

Concen: 48.898 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.005 min

Lab File: VN082882.D

Acq: 11 Jul 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

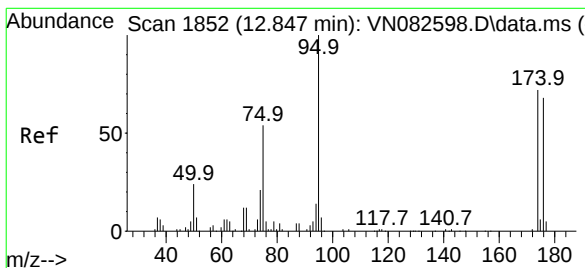
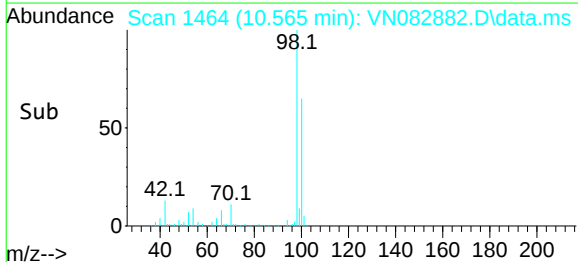
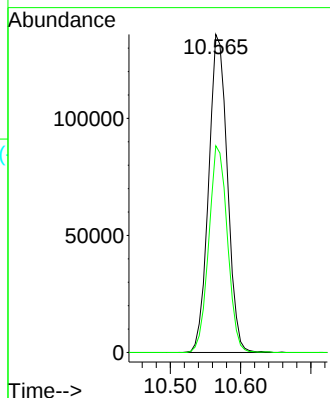
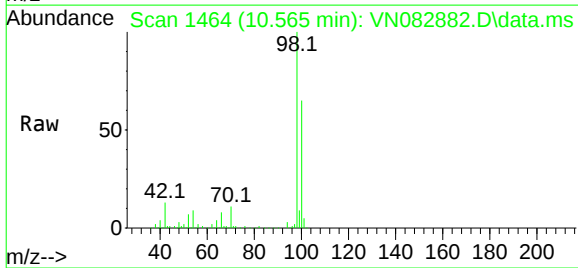
BP-VPB-196-TB-20240709

Tgt Ion: 98 Resp: 251461

Ion Ratio Lower Upper

98 100

100 64.7 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 51.254 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN082882.D

Acq: 11 Jul 2024 17:33

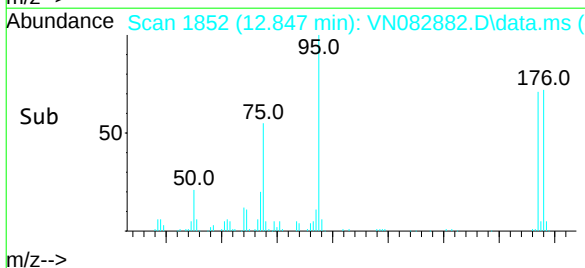
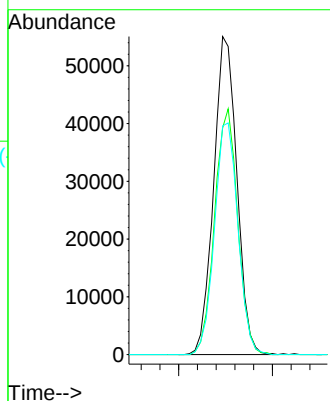
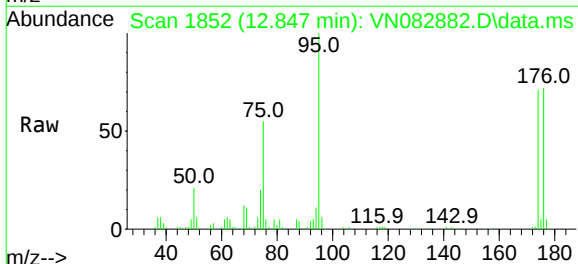
Tgt Ion: 95 Resp: 94679

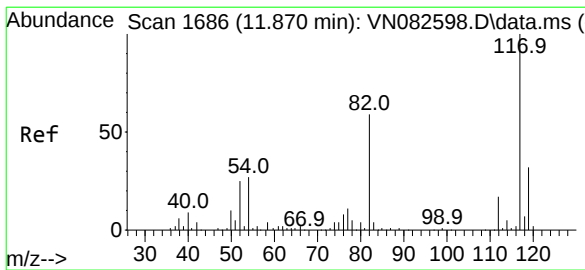
Ion Ratio Lower Upper

95 100

174 76.8 0.0 159.2

176 73.5 0.0 147.6

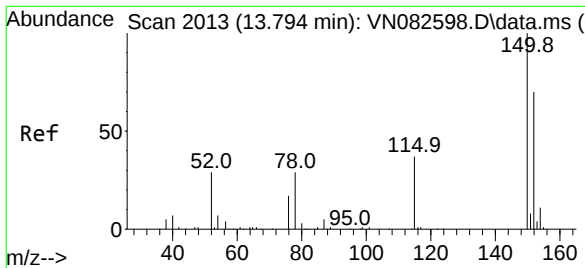
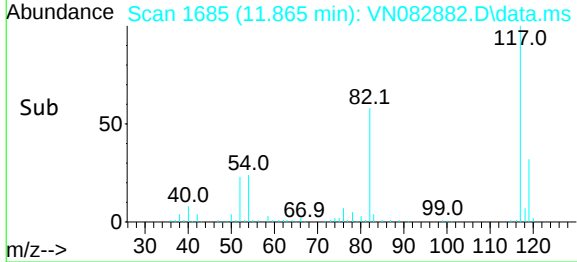
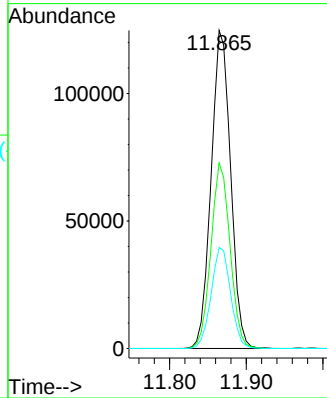
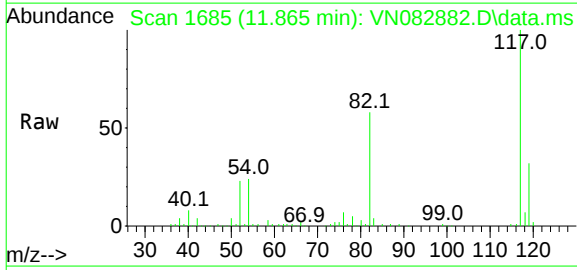




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1686
Delta R.T. -0.005 min
Lab File: VN082882.D
Acq: 11 Jul 2024 17:33

Instrument :
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Tgt Ion:	117	Resp:	219880
Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.5	71.3
119	31.8	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: VN082882.D
Acq: 11 Jul 2024 17:33

Tgt Ion:	152	Resp:	96773
Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.6	91.6
150	155.0	0.0	348.6

