

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083046.D
 Acq On : 26 Jul 2024 12:58
 Operator : JC\MD
 Sample : P3375-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-01-072524

Quant Time: Jul 26 23:05:08 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	8.230	168	145445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114811	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116000	56.895	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.780%
35) Dibromofluoromethane	8.171	113	99006	54.873	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.740%
50) Toluene-d8	10.571	98	330257	49.558	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.853	95	109975	45.942	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.880%

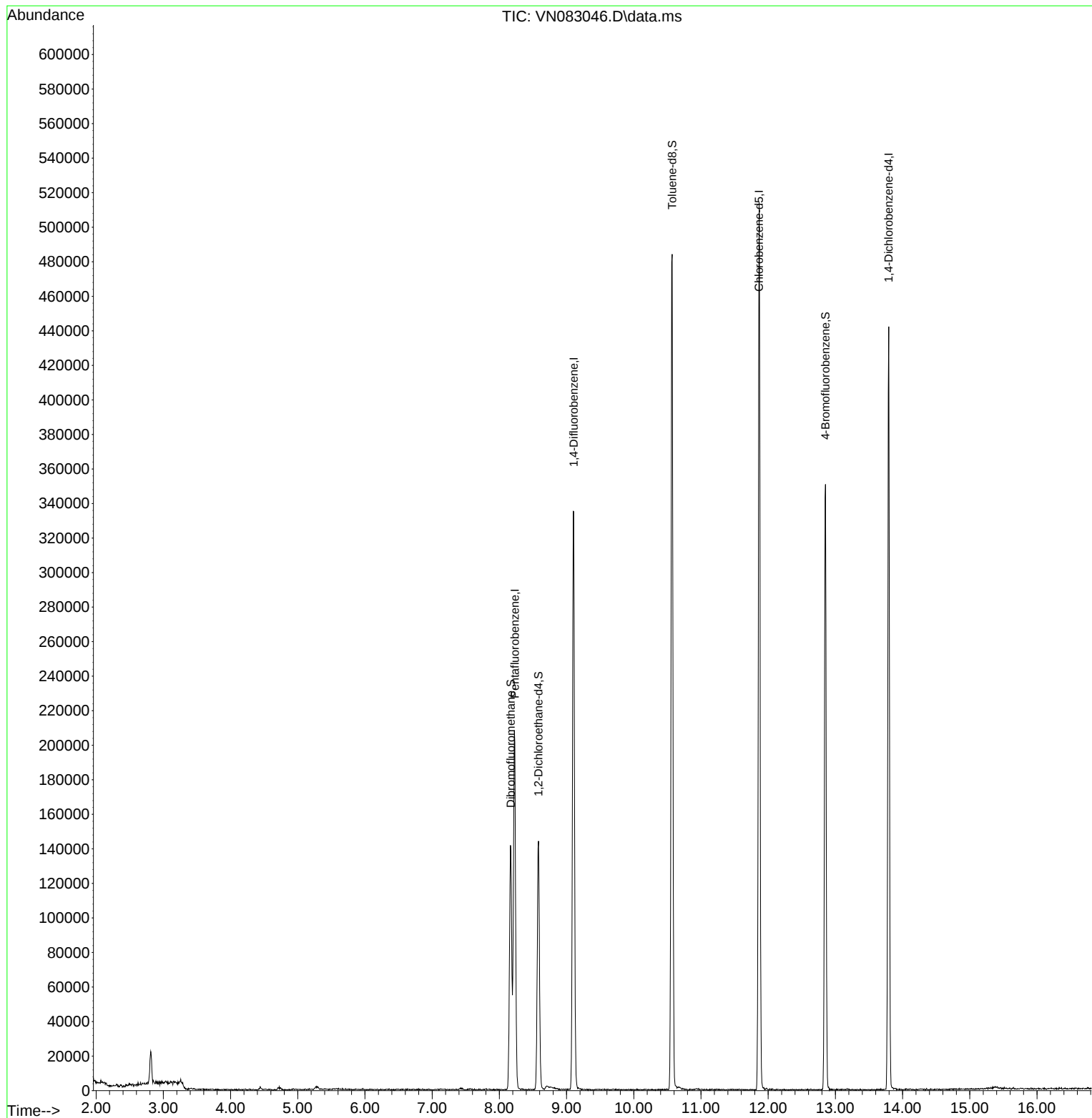
Target Compounds	Qvalue

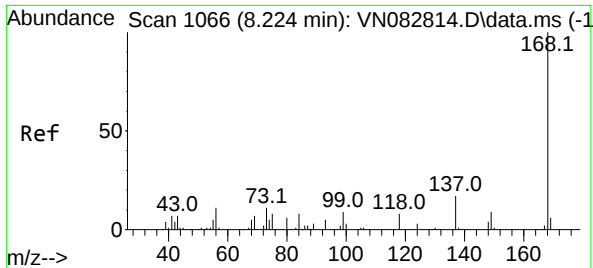
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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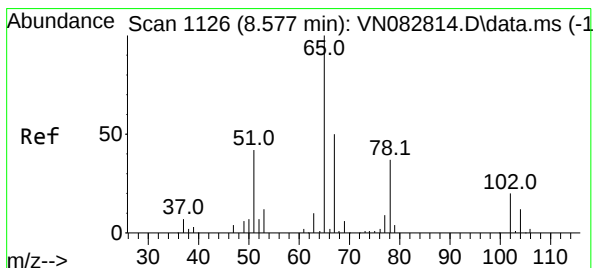
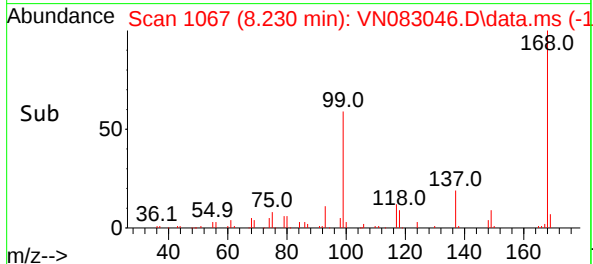
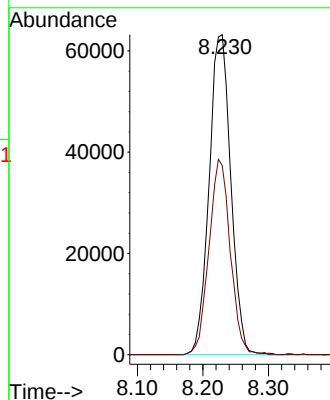
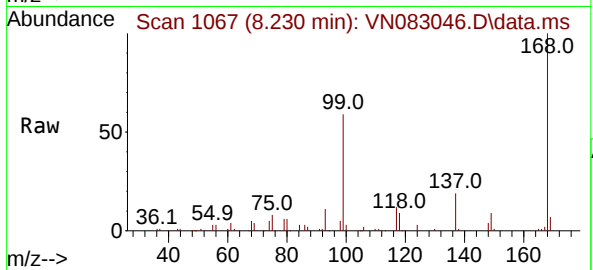




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083046.D
Acq: 26 Jul 2024 12:58

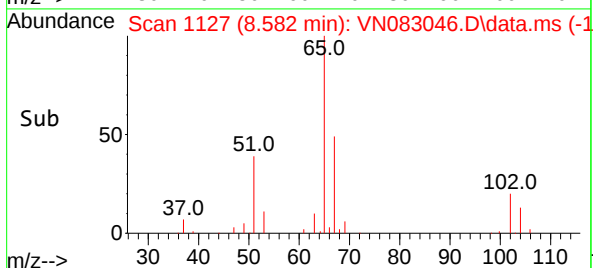
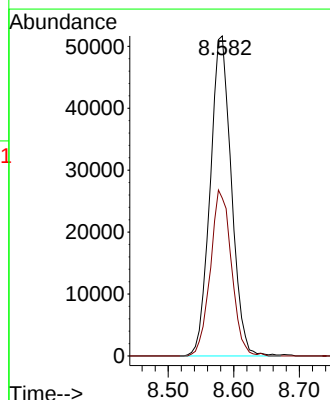
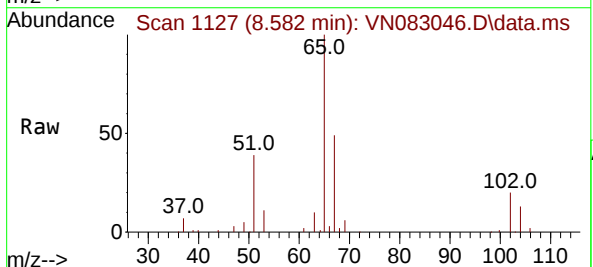
Instrument :
MSVOA_N
ClientSampleId :
EB-01-072524

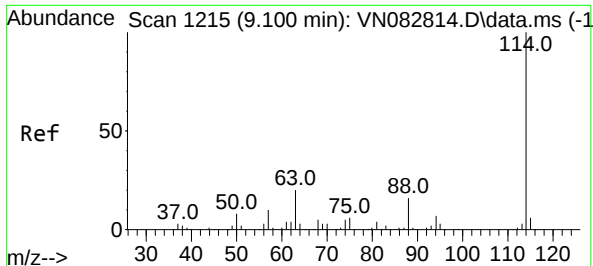
Tgt Ion:168 Resp: 145445
Ion Ratio Lower Upper
168 100
99 59.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.895 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083046.D
Acq: 26 Jul 2024 12:58

Tgt Ion: 65 Resp: 116000
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083046.D

Acq: 26 Jul 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

EB-01-072524

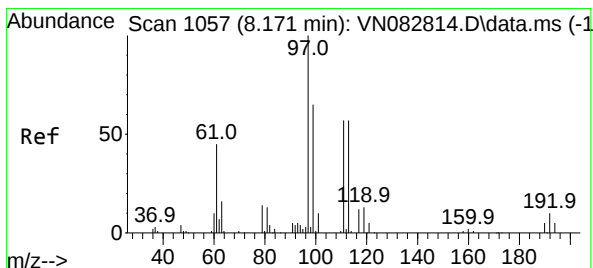
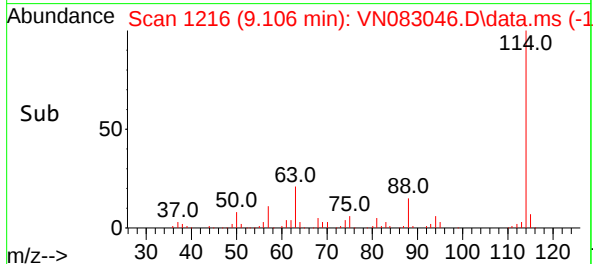
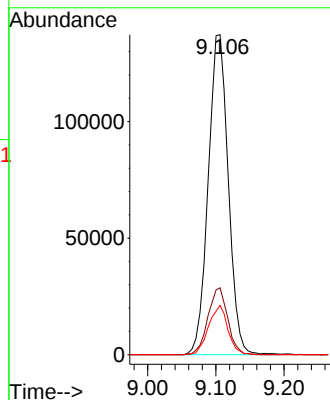
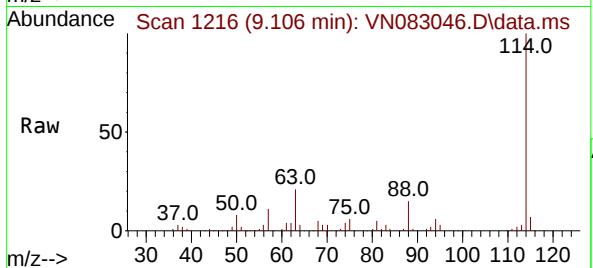
Tgt Ion:114 Resp: 281183

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.6

88 15.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.873 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083046.D

Acq: 26 Jul 2024 12:58

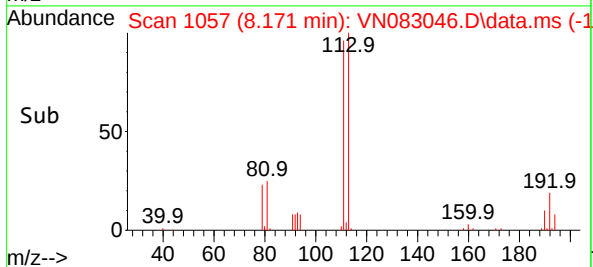
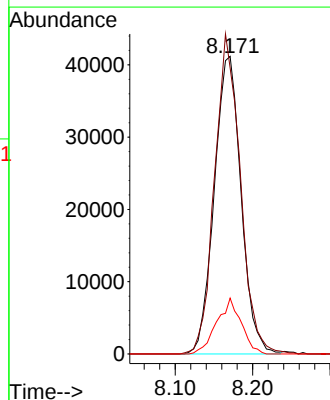
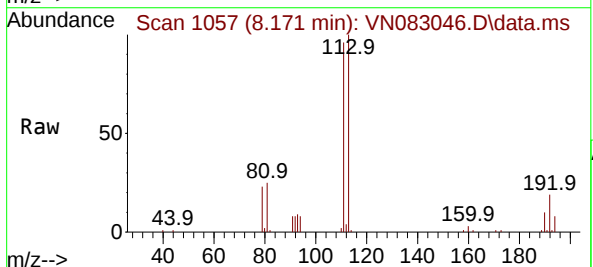
Tgt Ion:113 Resp: 99006

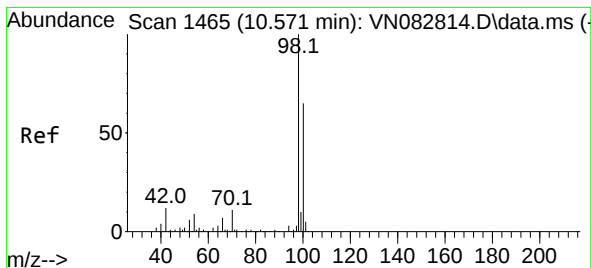
Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 17.1 14.9 22.3





#50

Toluene-d8

Concen: 49.558 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083046.D

Acq: 26 Jul 2024 12:58

Instrument :

MSVOA_N

ClientSampleId :

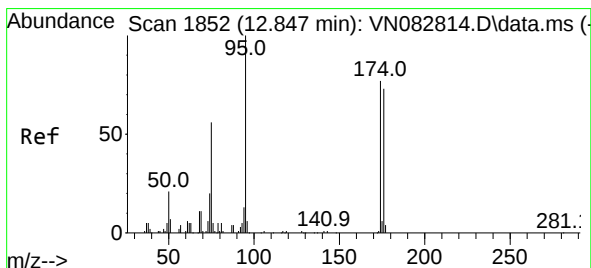
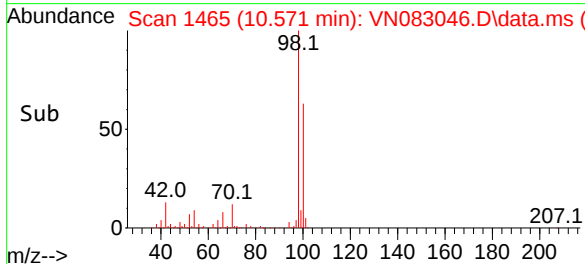
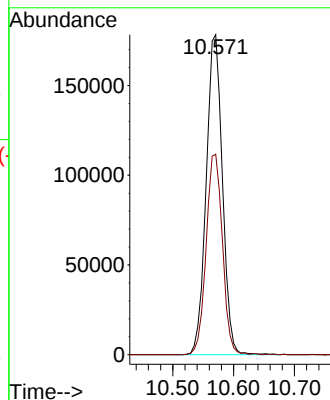
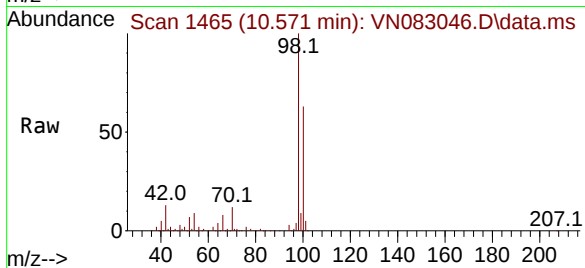
EB-01-072524

Tgt Ion: 98 Resp: 330257

Ion Ratio Lower Upper

98 100

100 62.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 45.942 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN083046.D

Acq: 26 Jul 2024 12:58

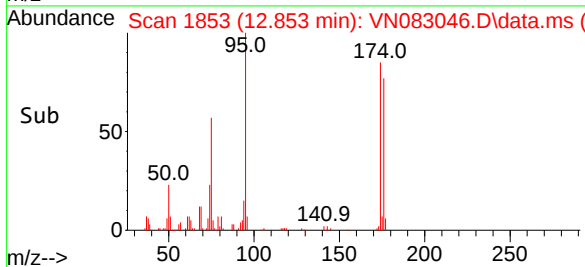
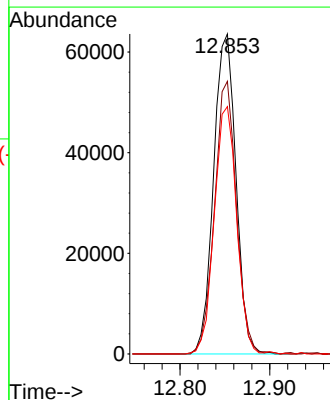
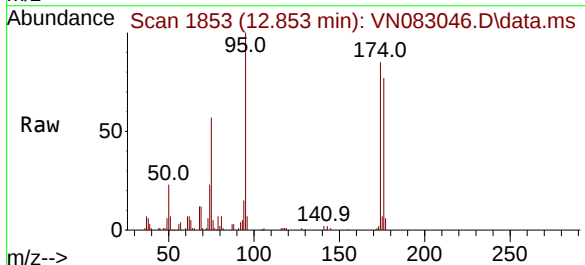
Tgt Ion: 95 Resp: 109975

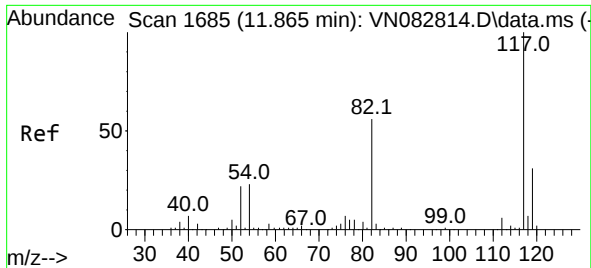
Ion Ratio Lower Upper

95 100

174 83.6 0.0 159.2

176 77.4 0.0 147.6

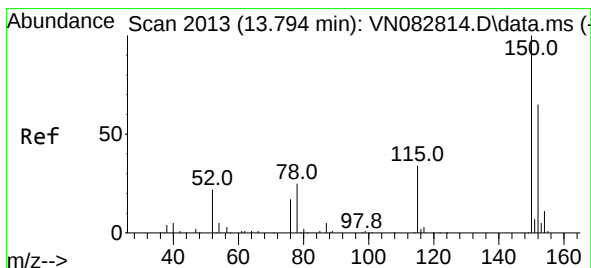
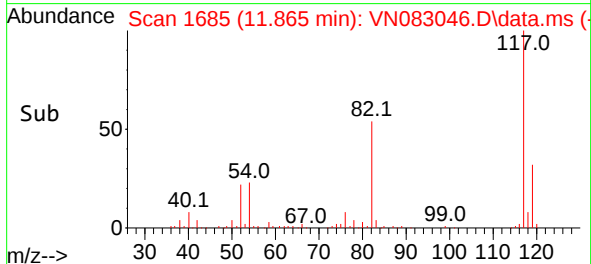
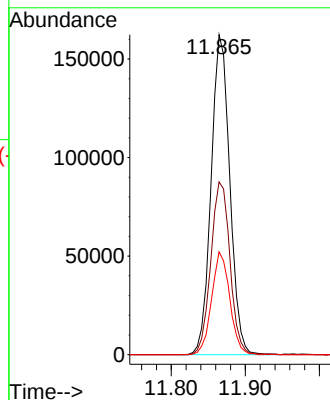
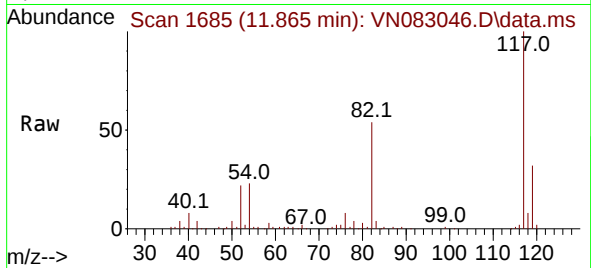




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083046.D
Acq: 26 Jul 2024 12:58

Instrument :
MSVOA_N
ClientSampleId :
EB-01-072524

Tgt Ion:117 Resp: 284195
Ion Ratio Lower Upper
117 100
82 54.0 47.5 71.3
119 32.1 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: VN083046.D
Acq: 26 Jul 2024 12:58

Tgt Ion:152 Resp: 114811
Ion Ratio Lower Upper
152 100
115 56.9 30.6 91.6
150 152.7 0.0 348.6

