

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083938.D
 Acq On : 17 Sep 2024 12:18
 Operator : JC\MD
 Sample : P3970-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB-20240910

Quant Time: Sep 18 02:34:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	158471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90002	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124055	51.916	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.840%
35) Dibromofluoromethane	8.165	113	89285	51.500	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.000%
50) Toluene-d8	10.565	98	323975	54.055	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.100%
62) 4-Bromofluorobenzene	12.847	95	112640	45.552	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.100%

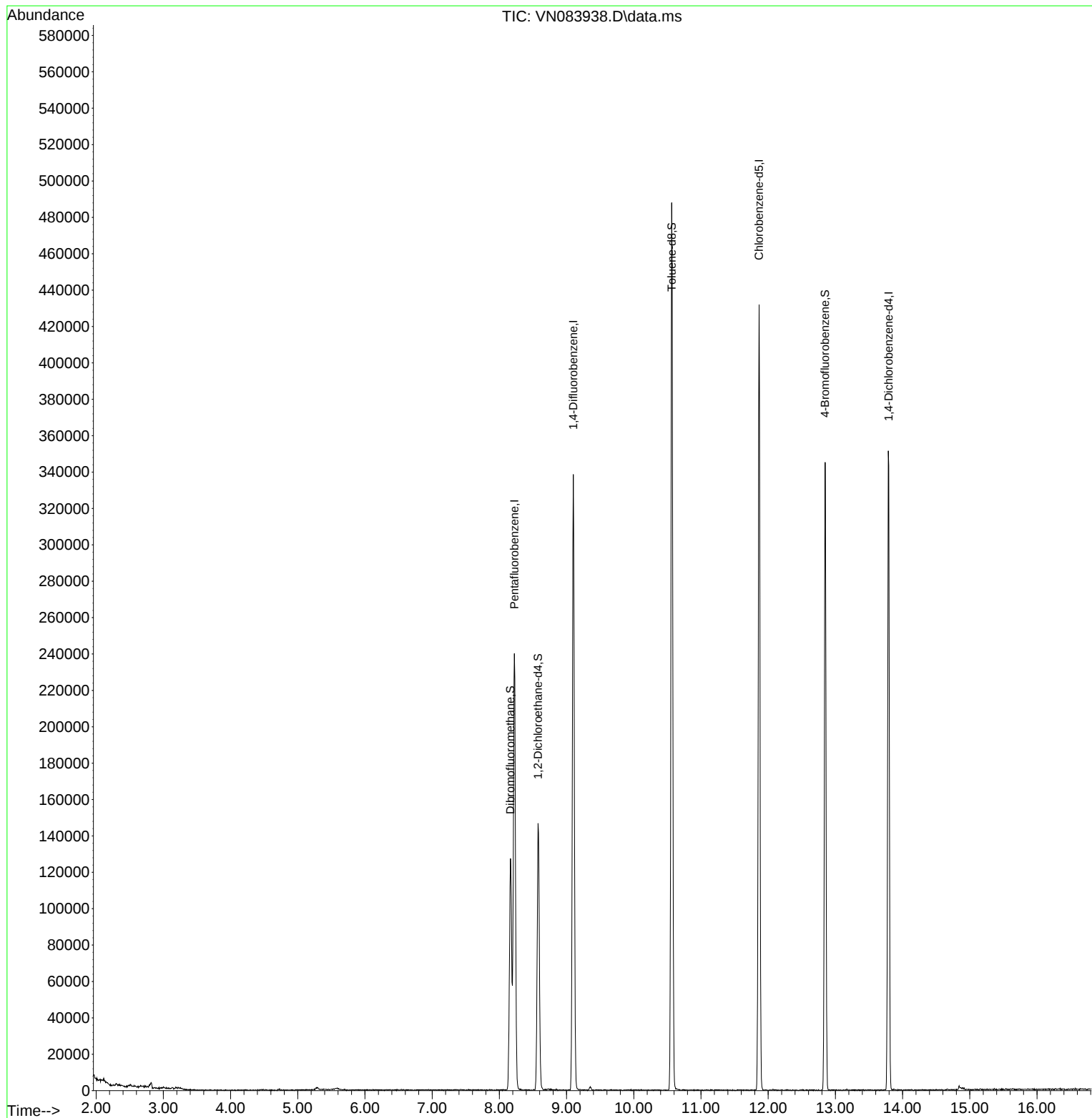
Target Compounds	Qvalue

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

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Quant Time: Sep 18 02:34:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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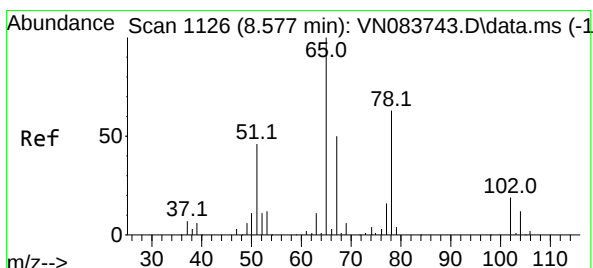
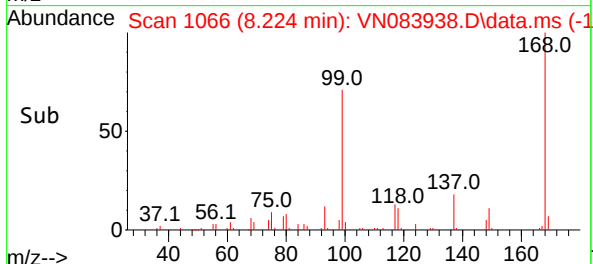
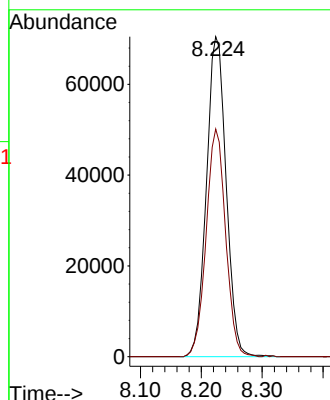
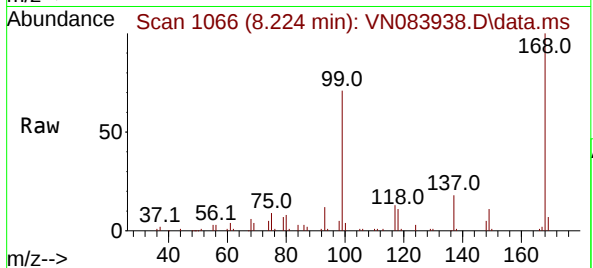




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

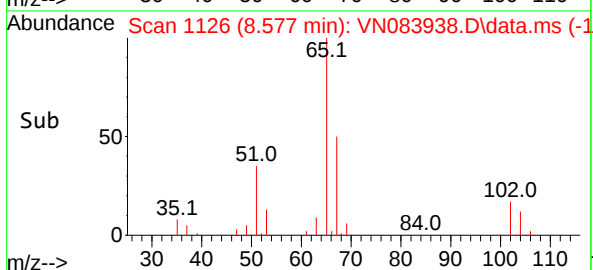
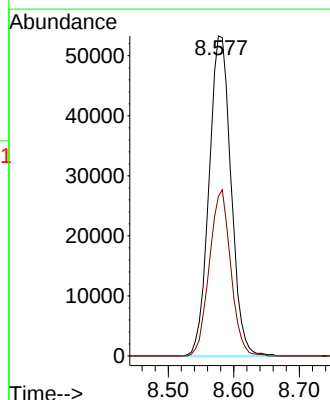
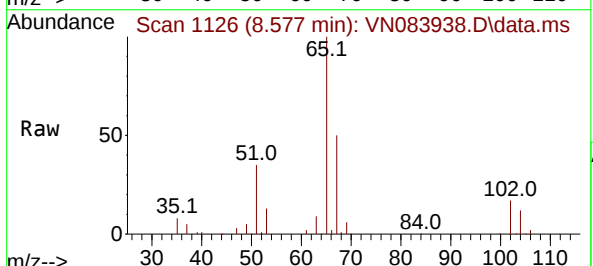
Instrument :
MSVOA_N
ClientSampleId :
BP-TB-20240910

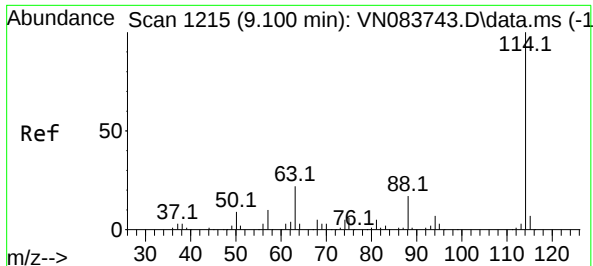
Tgt Ion:168 Resp: 158471
Ion Ratio Lower Upper
168 100
99 71.2 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.916 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083938.D
Acq: 17 Sep 2024 12:18

Tgt Ion: 65 Resp: 124055
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083938.D

Acq: 17 Sep 2024 12:18

Instrument :

MSVOA_N

ClientSampleId :

BP-TB-20240910

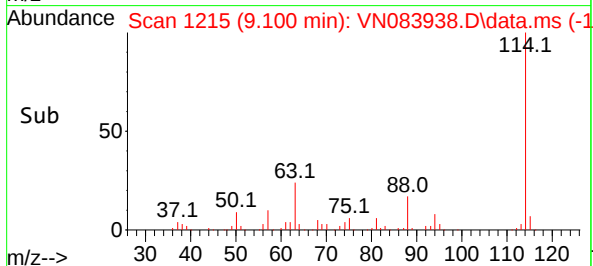
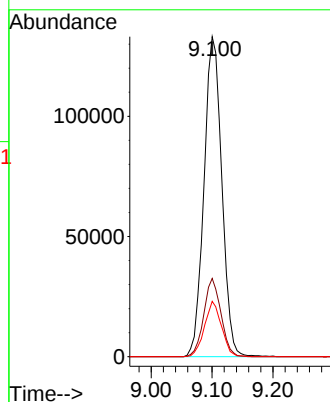
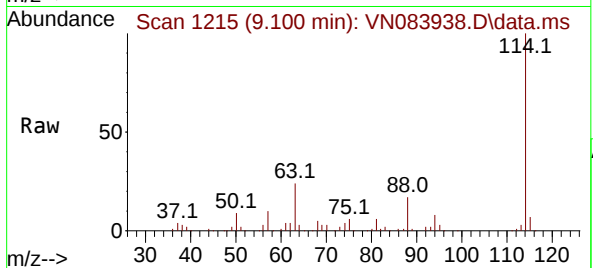
Tgt Ion:114 Resp: 270810

Ion Ratio Lower Upper

114 100

63 24.5 0.0 43.4

88 17.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.500 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083938.D

Acq: 17 Sep 2024 12:18

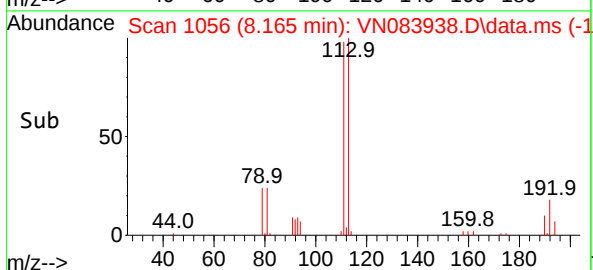
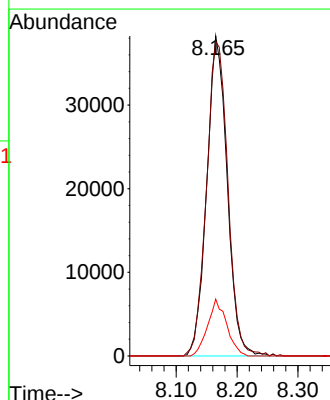
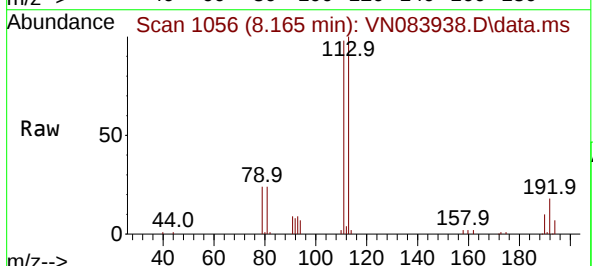
Tgt Ion:113 Resp: 89285

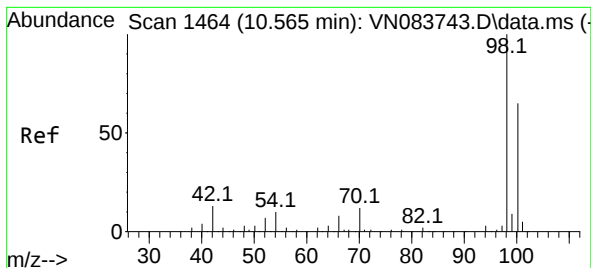
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 16.5 14.3 21.5





#50

Toluene-d8

Concen: 54.055 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083938.D

Acq: 17 Sep 2024 12:18

Instrument :

MSVOA_N

ClientSampleId :

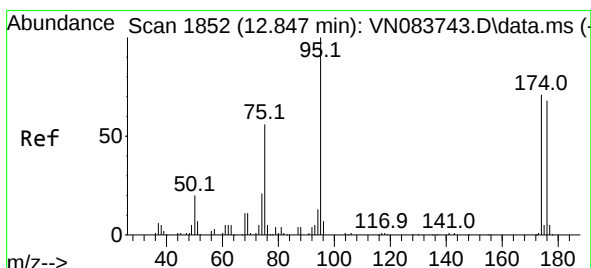
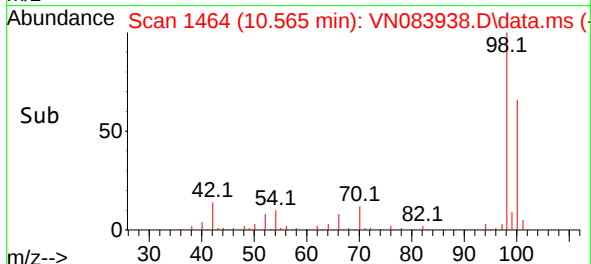
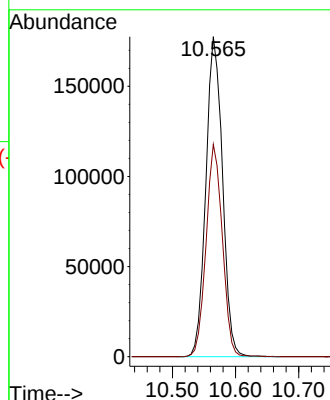
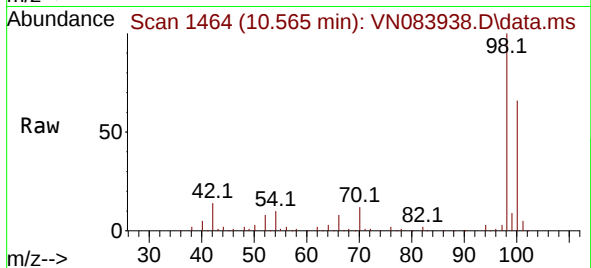
BP-TB-20240910

Tgt Ion: 98 Resp: 323975

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.552 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083938.D

Acq: 17 Sep 2024 12:18

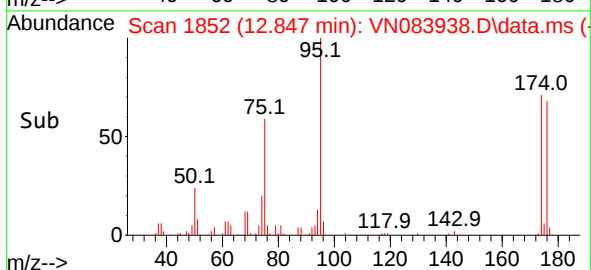
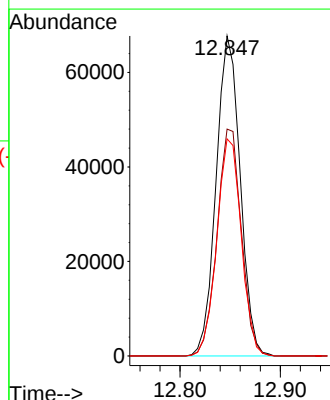
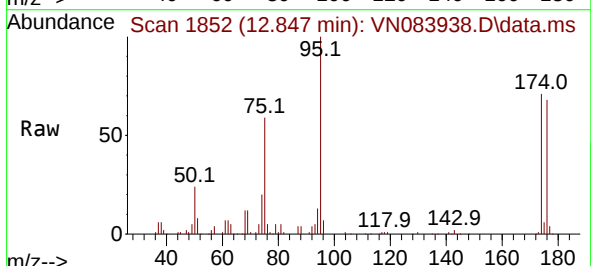
Tgt Ion: 95 Resp: 112640

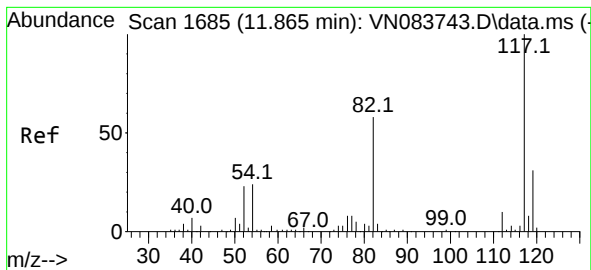
Ion Ratio Lower Upper

95 100

174 71.6 0.0 139.8

176 68.7 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083938.D

Acq: 17 Sep 2024 12:18

Instrument :

MSVOA_N

ClientSampleId :

BP-TB-20240910

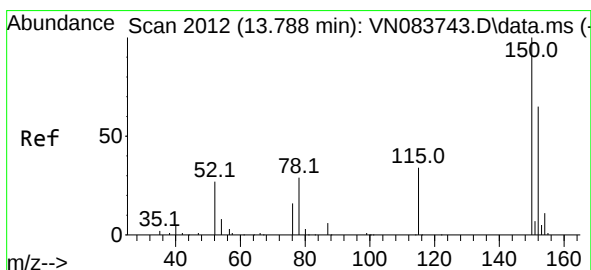
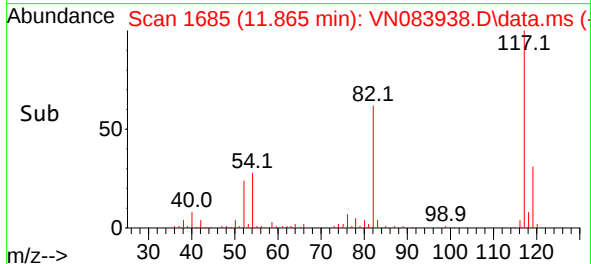
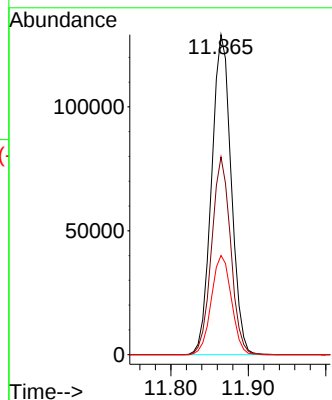
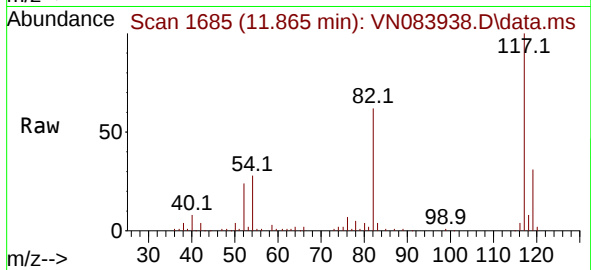
Tgt Ion:117 Resp: 227497

Ion Ratio Lower Upper

117 100

82 61.8 47.4 71.0

119 31.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN083938.D

Acq: 17 Sep 2024 12:18

Tgt Ion:152 Resp: 90002

Ion Ratio Lower Upper

152 100

115 63.7 32.2 96.6

150 157.7 0.0 348.6

