

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083453.D
 Acq On : 23 Aug 2024 12:09
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Aug 23 23:58:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	121769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	248040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	259235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118296	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	97002	55.966	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.940%
35) Dibromofluoromethane	8.165	113	78320	50.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.180%
50) Toluene-d8	10.565	98	277309	48.017	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.847	95	122424	54.374	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.740%

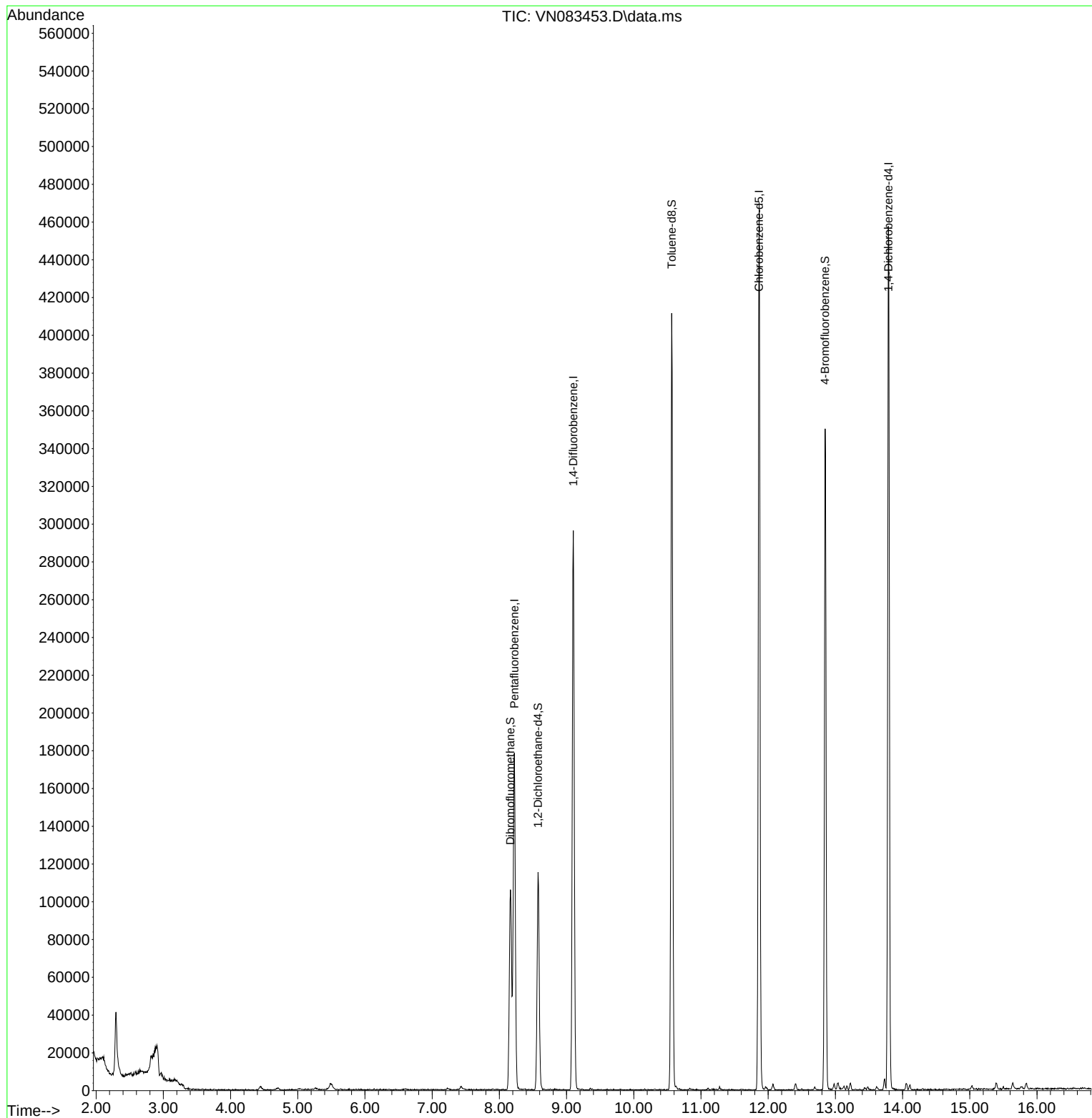
Target Compounds	Qvalue

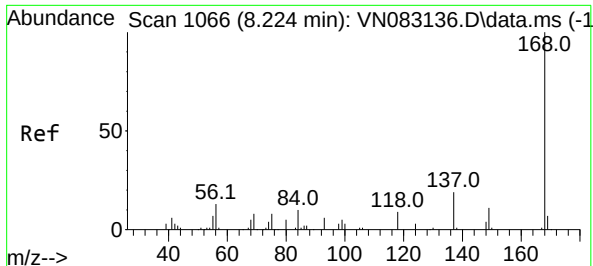
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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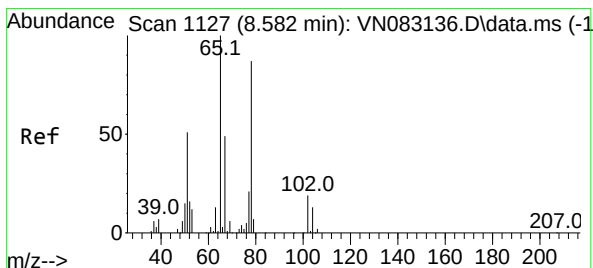
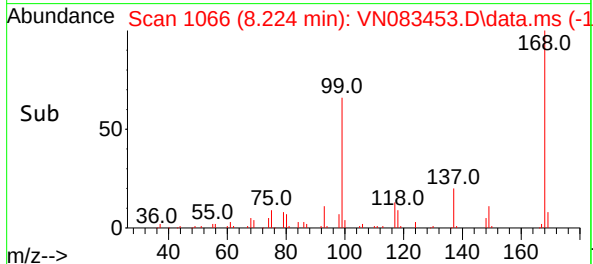
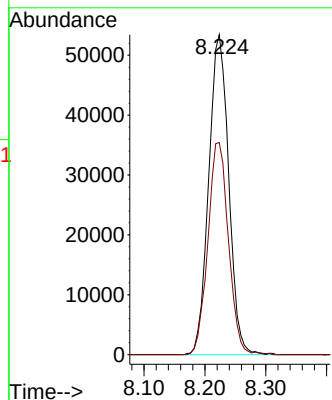
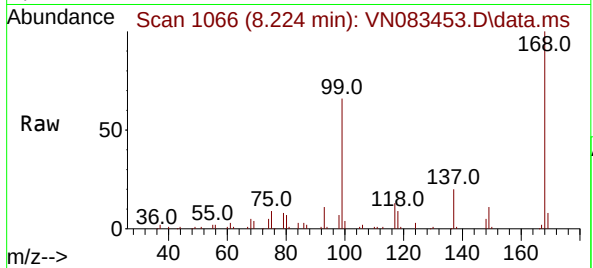




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083453.D
Acq: 23 Aug 2024 12:09

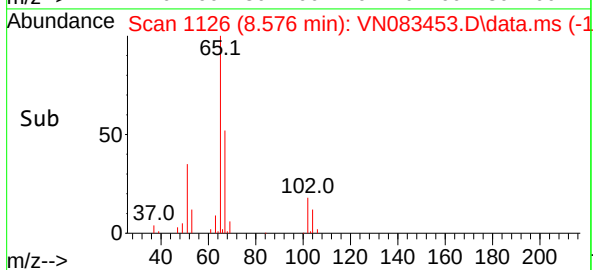
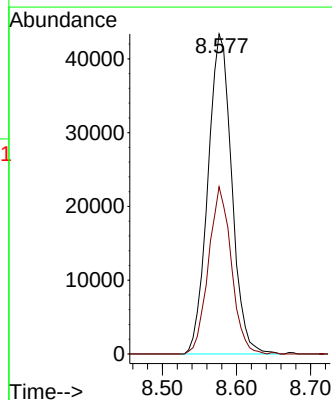
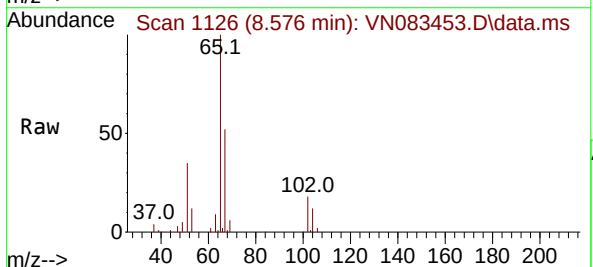
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

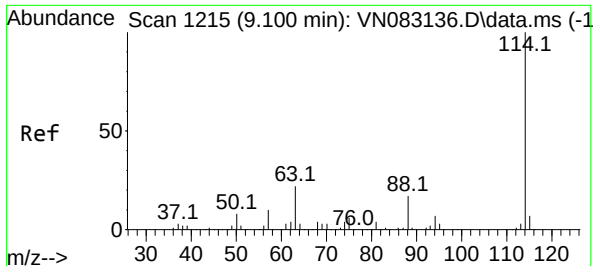
Tgt Ion:168 Resp: 121769
Ion Ratio Lower Upper
168 100
99 66.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 55.966 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083453.D
Acq: 23 Aug 2024 12:09

Tgt Ion: 65 Resp: 97002
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.4

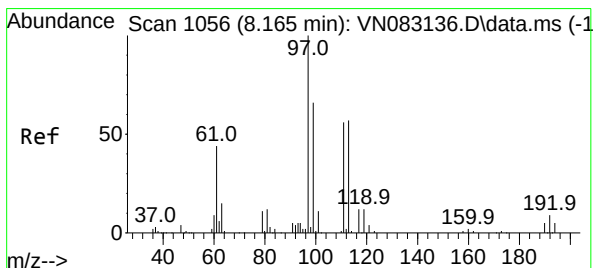
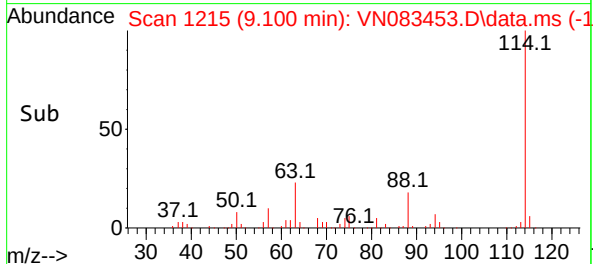
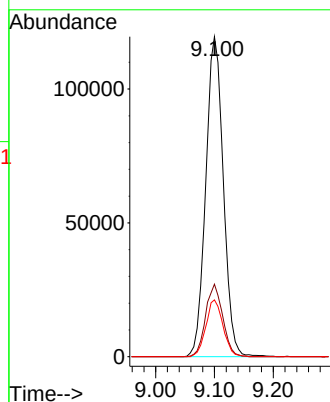
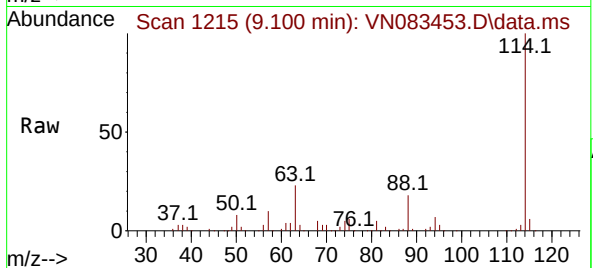




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083453.D
Acq: 23 Aug 2024 12:09

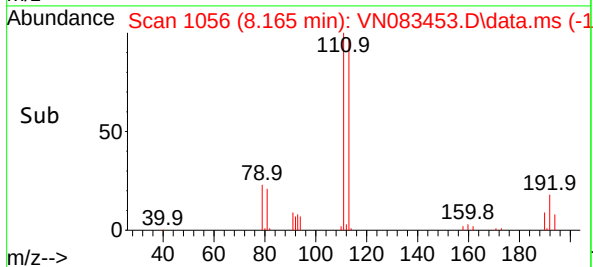
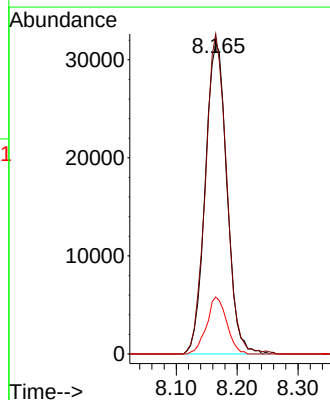
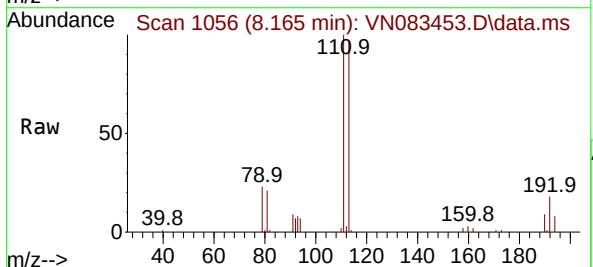
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

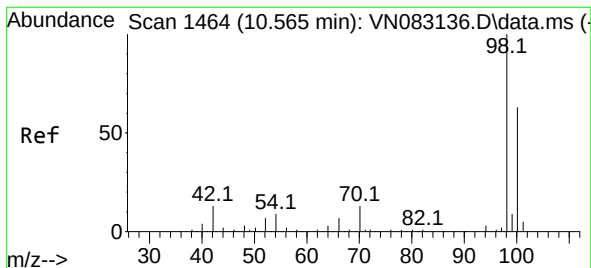
Tgt Ion:114 Resp: 248040
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.6
88 17.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.587 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083453.D
Acq: 23 Aug 2024 12:09

Tgt Ion:113 Resp: 78320
Ion Ratio Lower Upper
113 100
111 101.0 82.4 123.6
192 16.9 14.9 22.3





#50

Toluene-d8

Concen: 48.017 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083453.D

Acq: 23 Aug 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

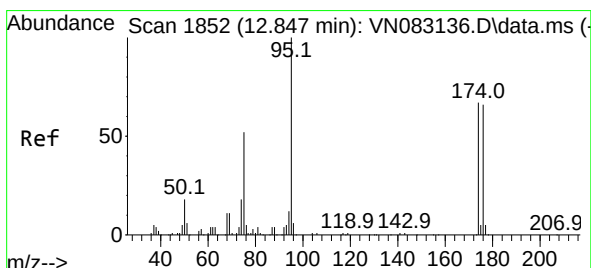
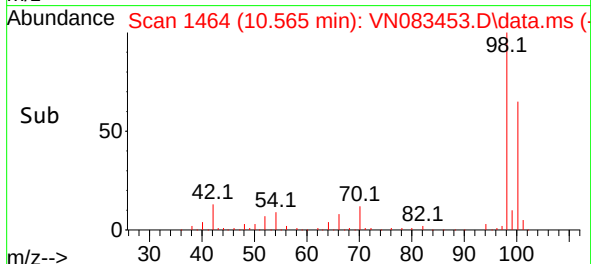
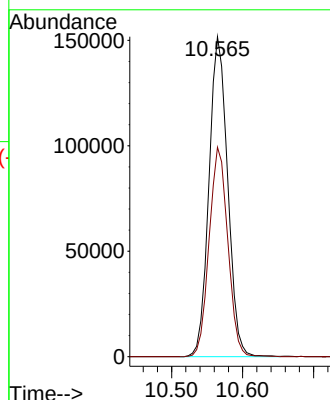
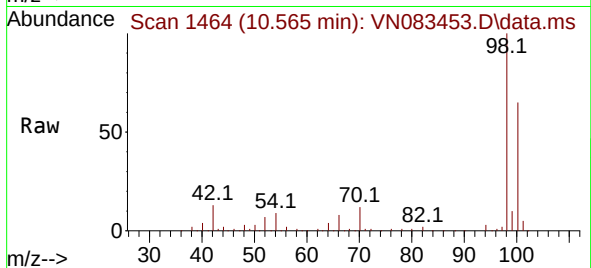
VIBLK

Tgt Ion: 98 Resp: 277309

Ion Ratio Lower Upper

98 100

100 65.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 54.374 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083453.D

Acq: 23 Aug 2024 12:09

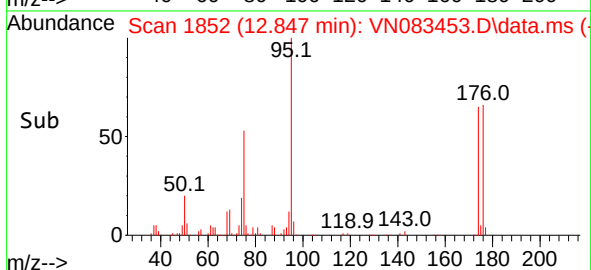
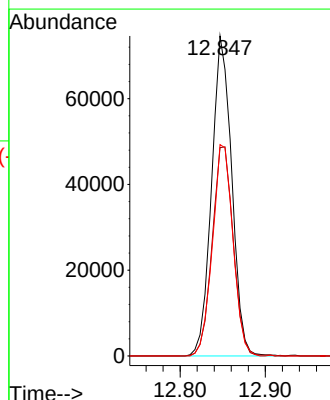
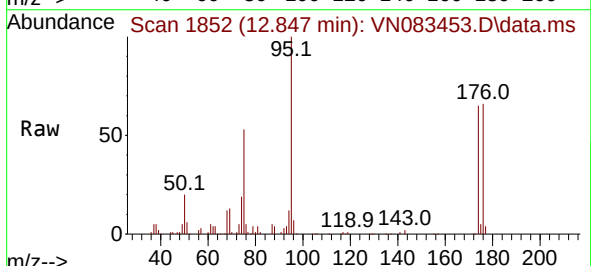
Tgt Ion: 95 Resp: 122424

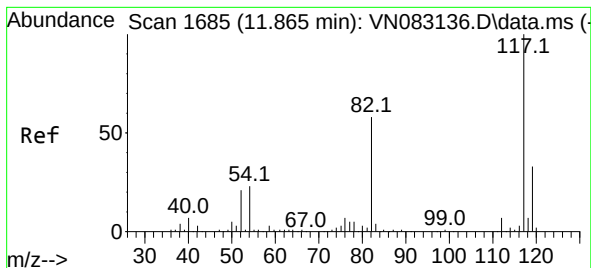
Ion Ratio Lower Upper

95 100

174 68.5 0.0 159.2

176 67.3 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083453.D

Acq: 23 Aug 2024 12:09

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

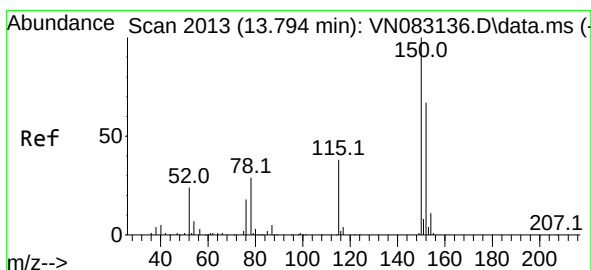
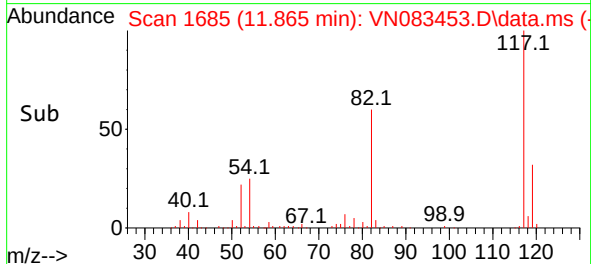
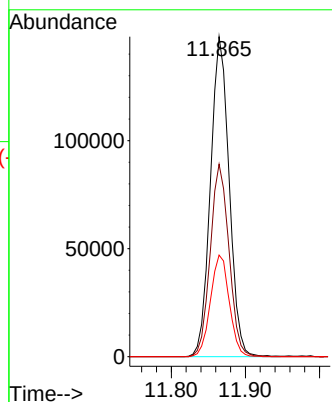
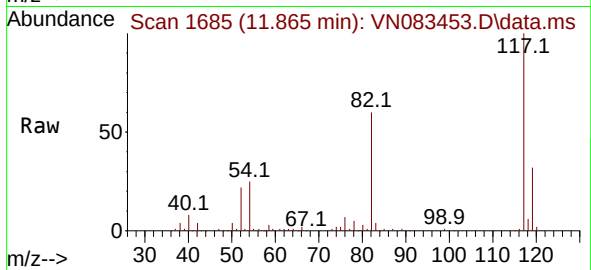
Tgt Ion:117 Resp: 259235

Ion Ratio Lower Upper

117 100

82 60.1 47.5 71.3

119 31.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN083453.D

Acq: 23 Aug 2024 12:09

Tgt Ion:152 Resp: 118296

Ion Ratio Lower Upper

152 100

115 65.9 30.6 91.6

150 160.8 0.0 348.6

