

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062824\
 Data File : VN082751.D
 Acq On : 28 Jun 2024 17:24
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Jun 28 23:15:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	62731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	119846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	116279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	46198	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	54571	56.410	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.820%
35) Dibromofluoromethane	8.171	113	44599	56.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.040%
50) Toluene-d8	10.571	98	157613	53.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.820%
62) 4-Bromofluorobenzene	12.853	95	48374	47.735	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.460%

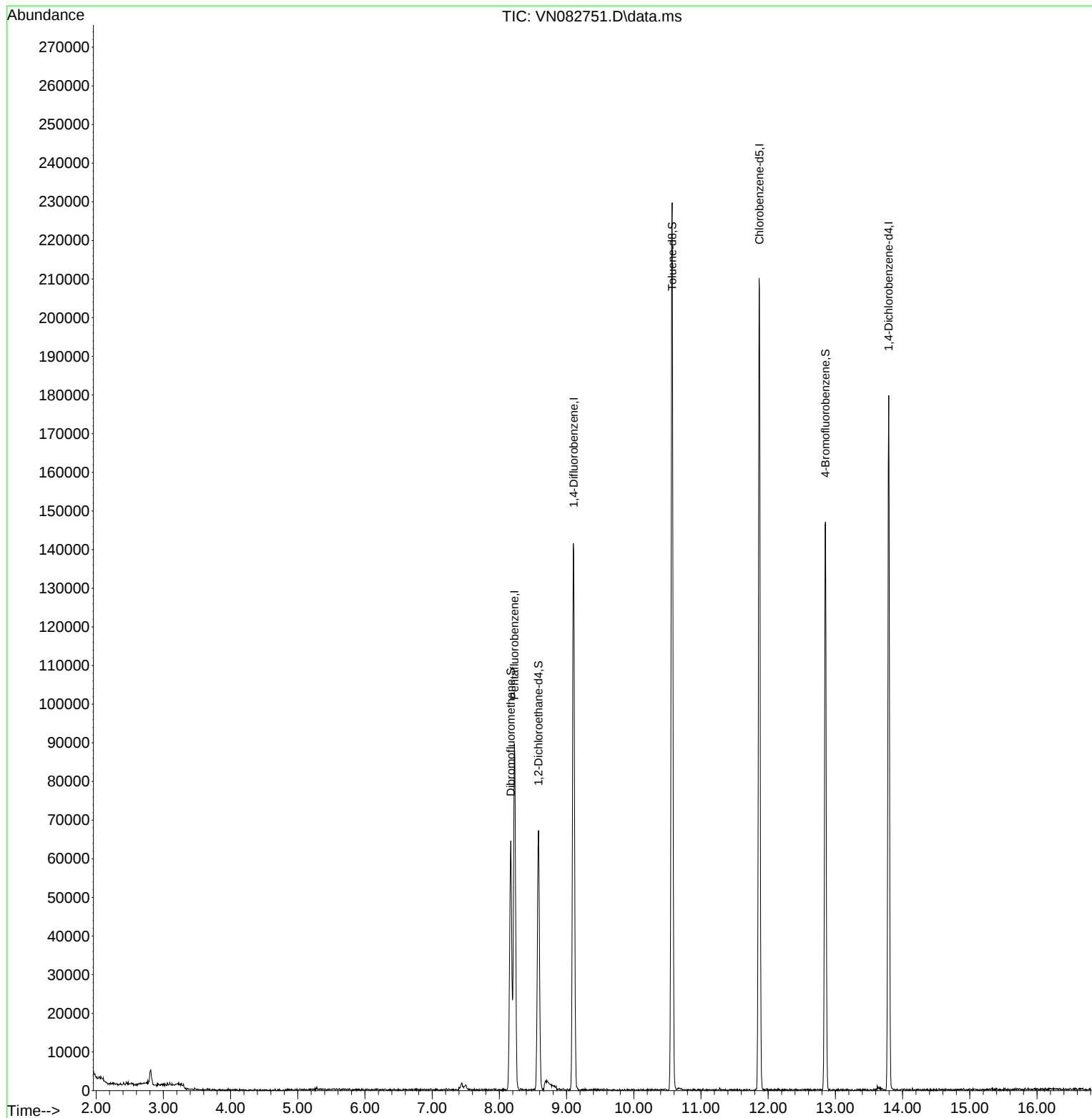
Target Compounds	Qvalue

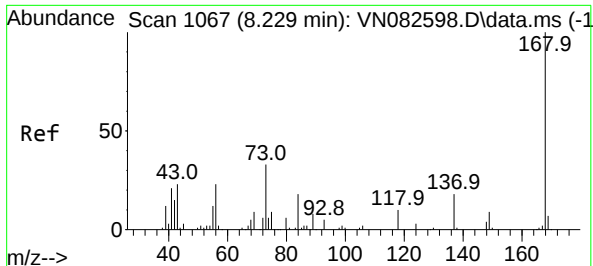
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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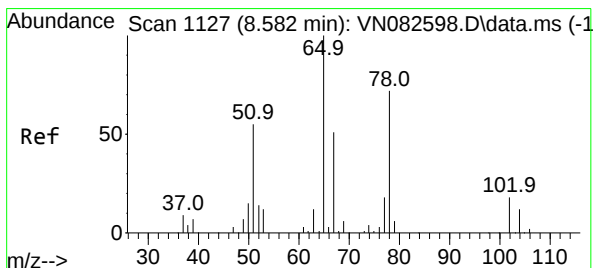
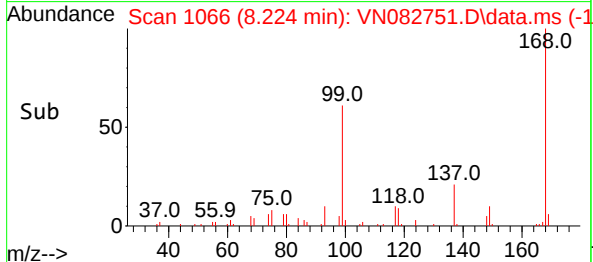
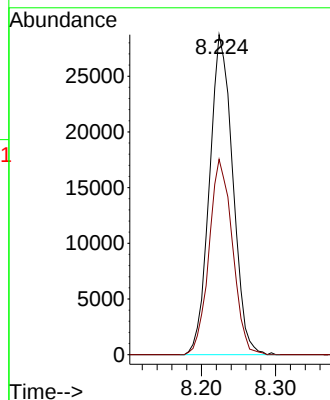
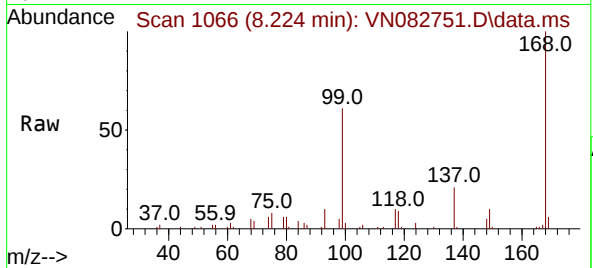




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082751.D
Acq: 28 Jun 2024 17:24

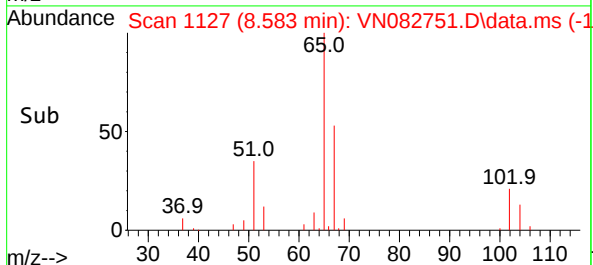
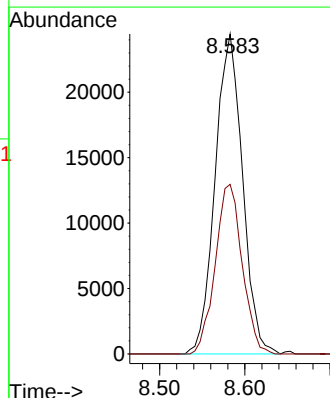
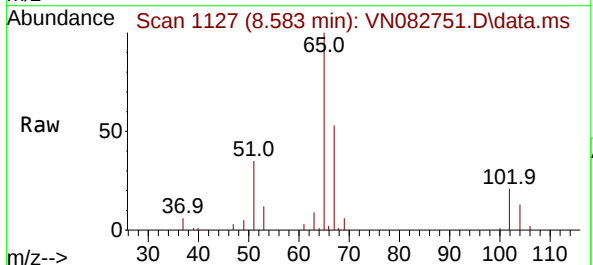
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

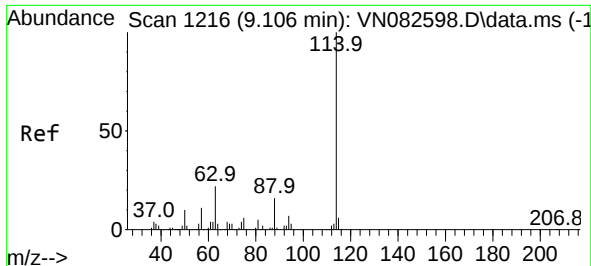
Tgt Ion:168 Resp: 62731
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.410 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082751.D
Acq: 28 Jun 2024 17:24

Tgt Ion: 65 Resp: 54571
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 119846

Delta R.T. 0.000 min

Lab File: VN082751.D

Acq: 28 Jun 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

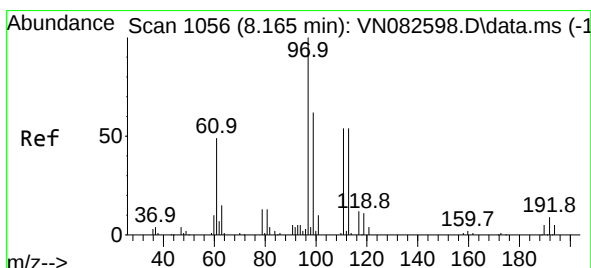
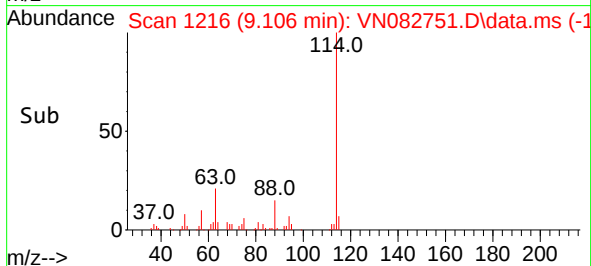
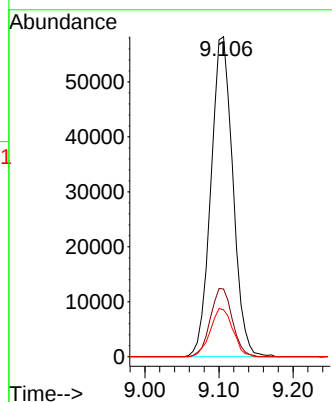
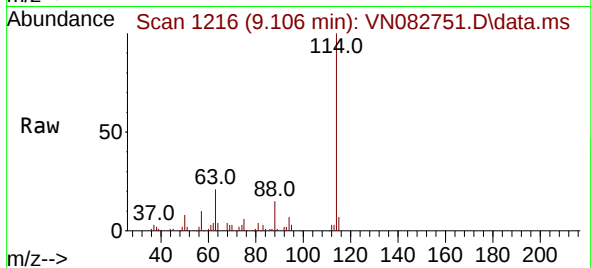
Tgt Ion:114 Resp: 119846

Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.6

88 14.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 56.522 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082751.D

Acq: 28 Jun 2024 17:24

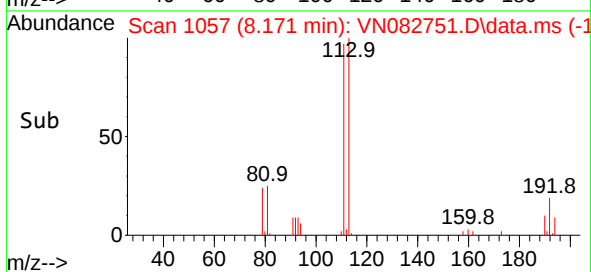
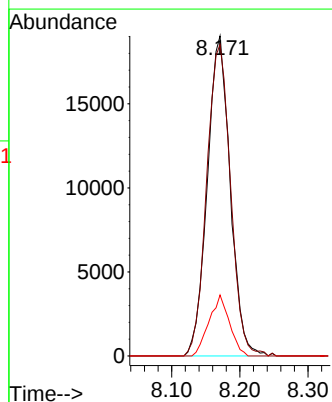
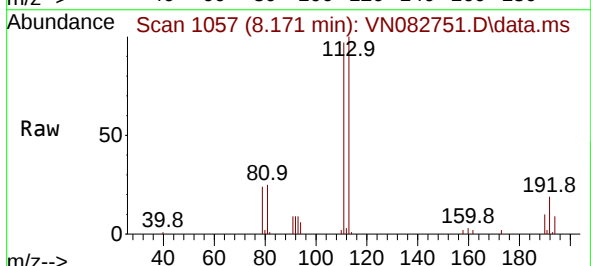
Tgt Ion:113 Resp: 44599

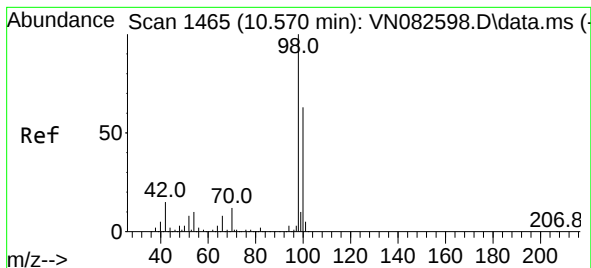
Ion Ratio Lower Upper

113 100

111 100.9 82.4 123.6

192 17.0 14.9 22.3





#50

Toluene-d8

Concen: 53.412 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN082751.D

Acq: 28 Jun 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

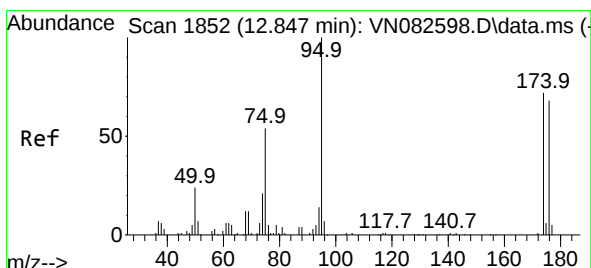
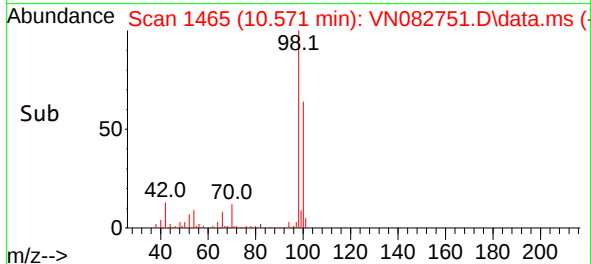
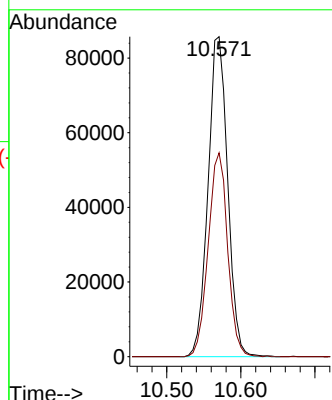
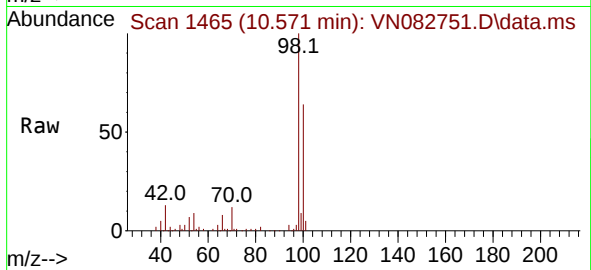
VIBLK

Tgt Ion: 98 Resp: 157613

Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.735 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082751.D

Acq: 28 Jun 2024 17:24

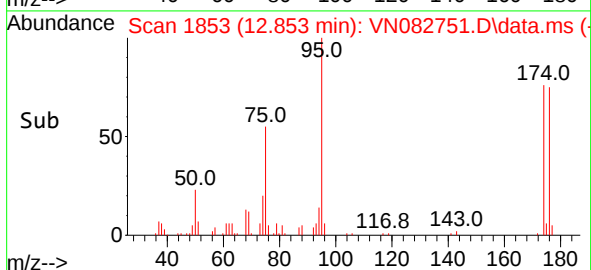
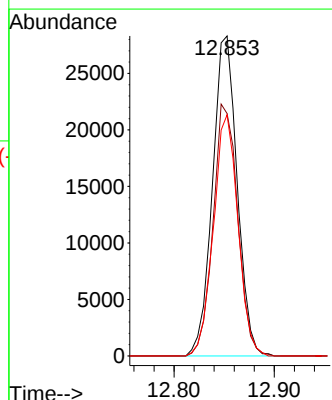
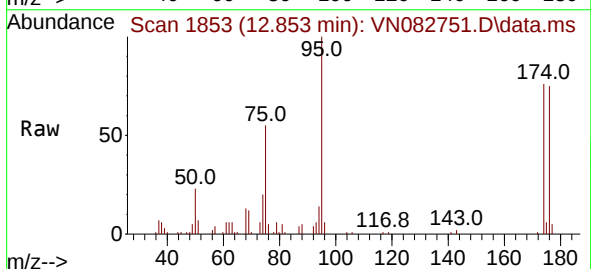
Tgt Ion: 95 Resp: 48374

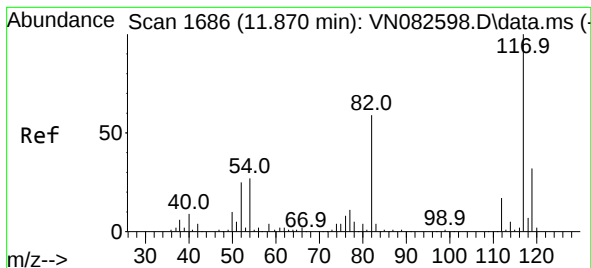
Ion Ratio Lower Upper

95 100

174 78.5 0.0 159.2

176 75.0 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN082751.D

Acq: 28 Jun 2024 17:24

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

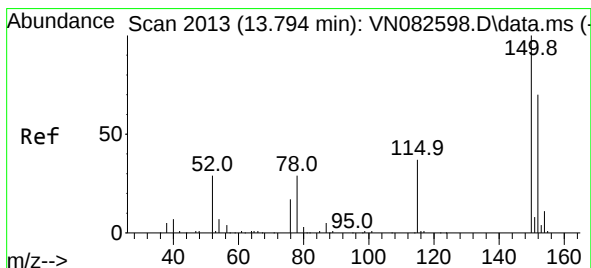
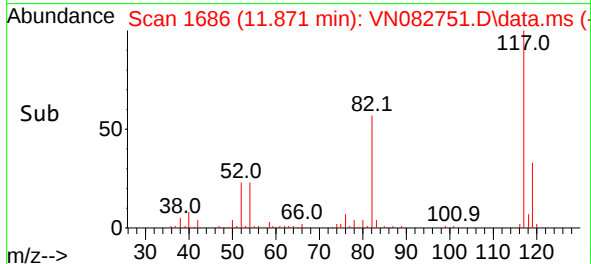
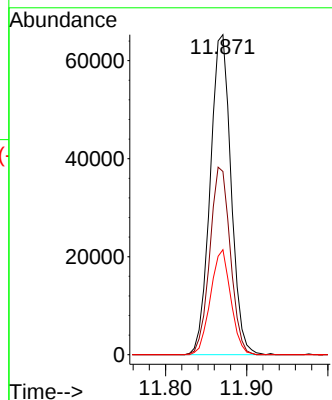
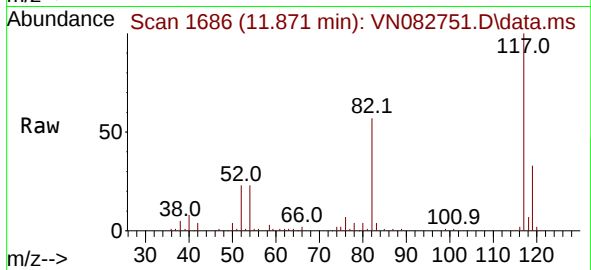
Tgt Ion:117 Resp: 116279

Ion Ratio Lower Upper

117 100

82 57.3 47.5 71.3

119 32.8 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: VN082751.D

Acq: 28 Jun 2024 17:24

Tgt Ion:152 Resp: 46198

Ion Ratio Lower Upper

152 100

115 60.3 30.6 91.6

150 158.9 0.0 348.6

