

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050924\
 Data File : VN082047.D
 Acq On : 09 May 2024 13:46
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 10 03:50:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	127954	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	265366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	235088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89720	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	109887	50.885	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.760%
35) Dibromofluoromethane	8.171	113	82220	51.460	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.920%
50) Toluene-d8	10.570	98	345512	55.062	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.120%
62) 4-Bromofluorobenzene	12.847	95	110591	44.584	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.160%

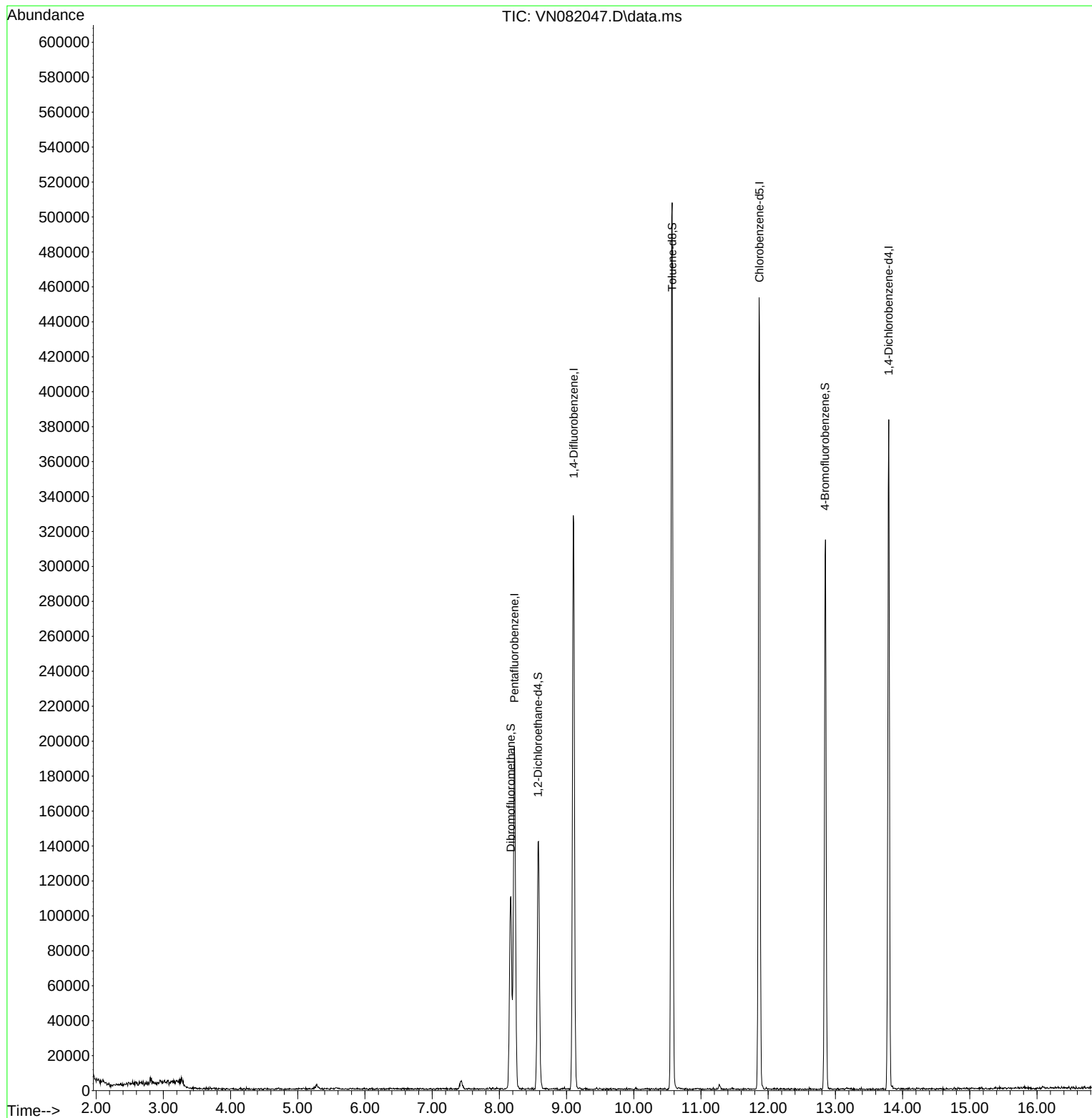
Target Compounds	Qvalue

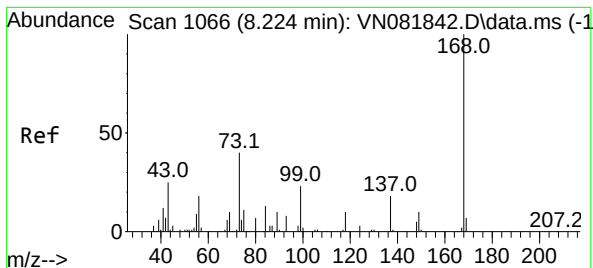
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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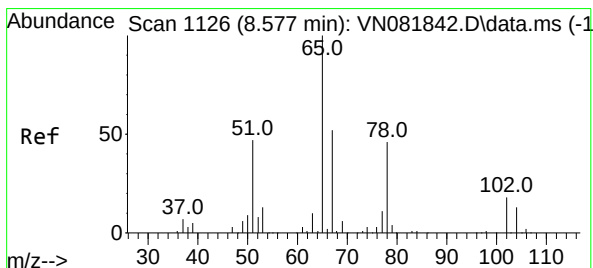
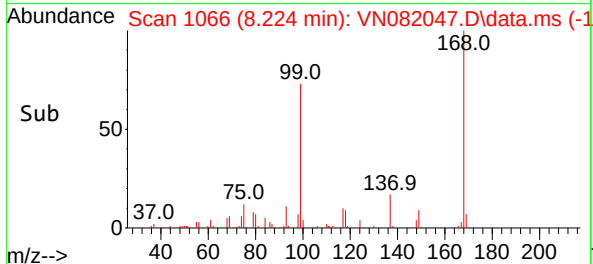
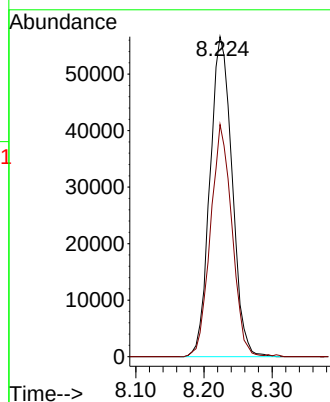
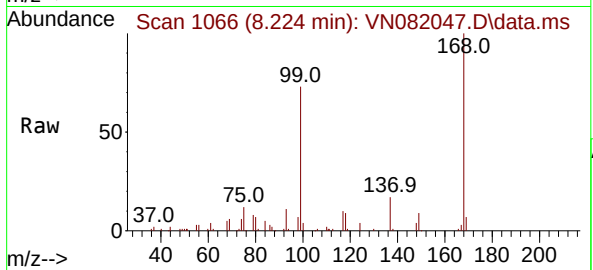




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082047.D
Acq: 09 May 2024 13:46

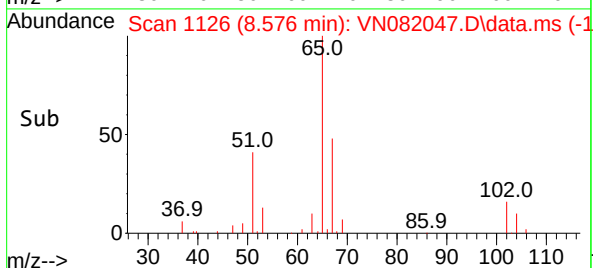
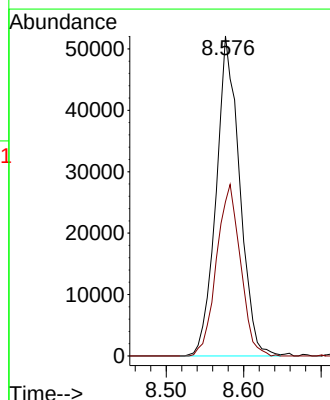
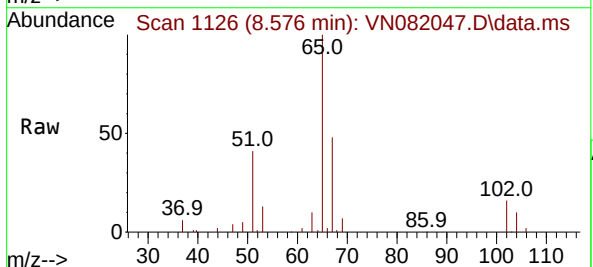
Instrument :
MSVOA_N
ClientSampleId :
IBLK

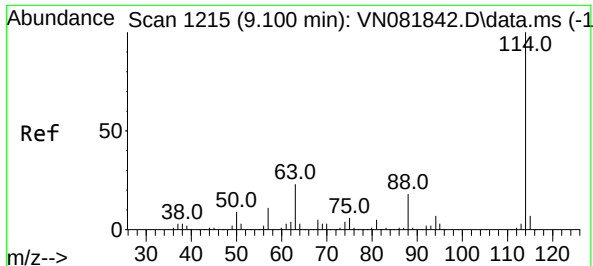
Tgt Ion:168 Resp: 127954
Ion Ratio Lower Upper
168 100
99 72.5 48.2 72.4#



#33
1,2-Dichloroethane-d4
Concen: 50.885 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082047.D
Acq: 09 May 2024 13:46

Tgt Ion: 65 Resp: 109887
Ion Ratio Lower Upper
65 100
67 54.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082047.D

Acq: 09 May 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

IBLK

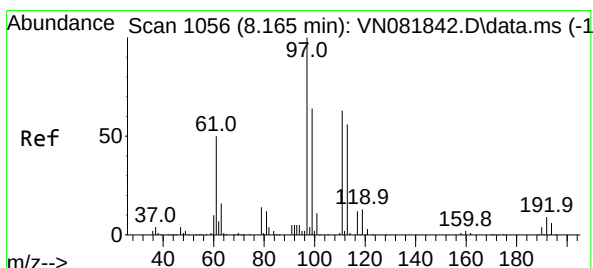
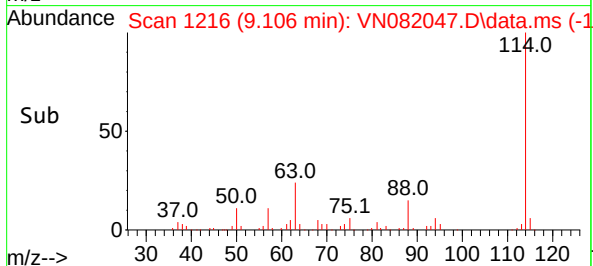
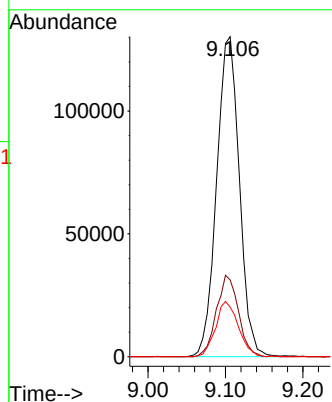
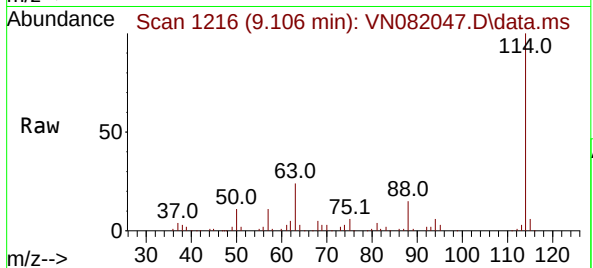
Tgt Ion:114 Resp: 265366

Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.460 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082047.D

Acq: 09 May 2024 13:46

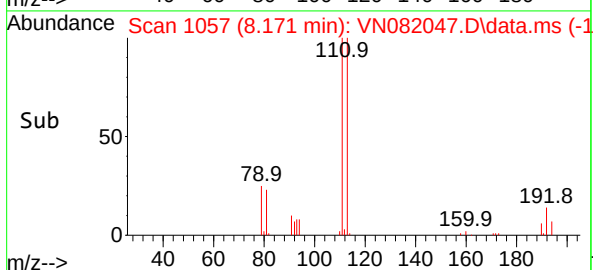
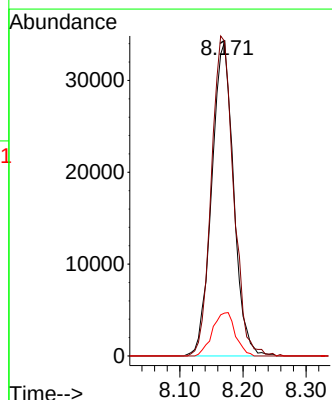
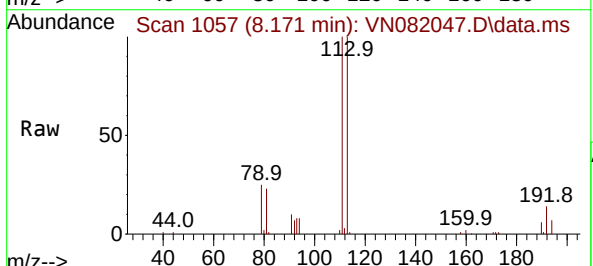
Tgt Ion:113 Resp: 82220

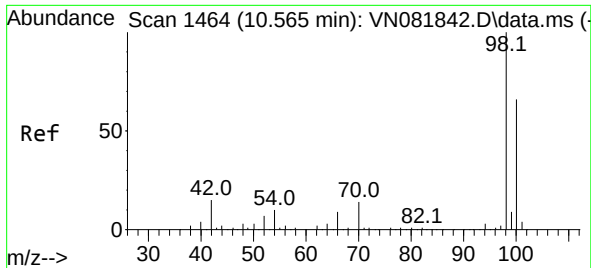
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 14.4 14.0 21.0

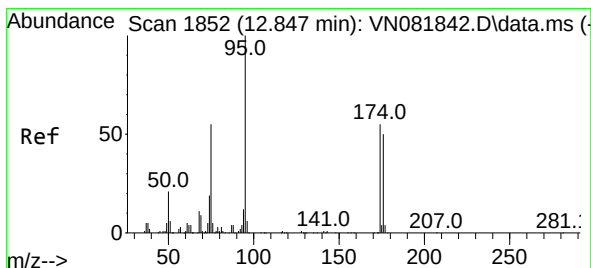
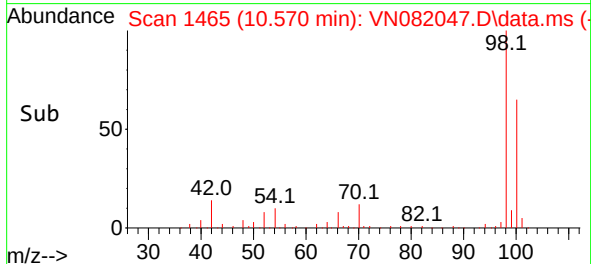
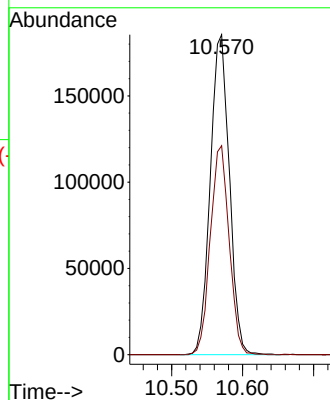
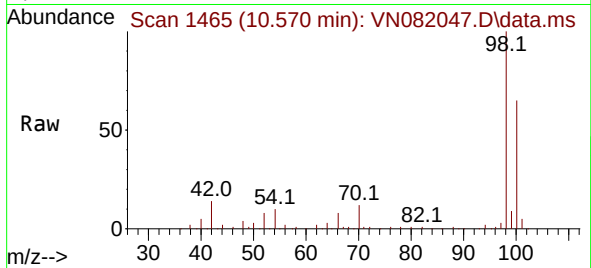




#50
Toluene-d8
Concen: 55.062 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN082047.D
Acq: 09 May 2024 13:46

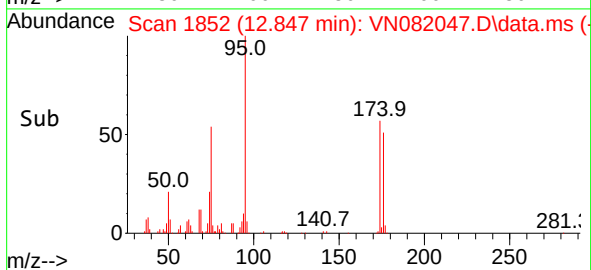
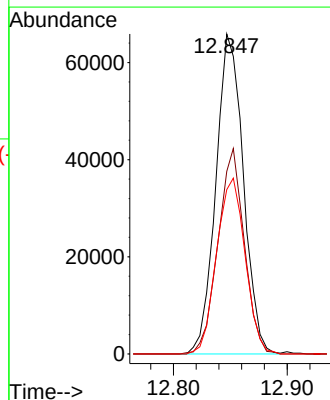
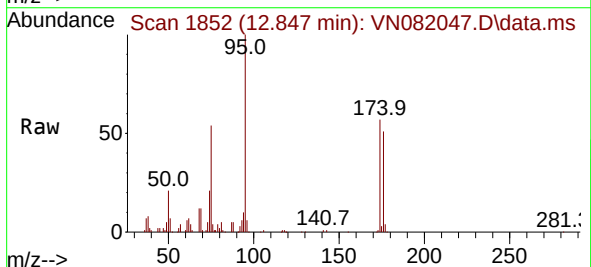
Instrument :
MSVOA_N
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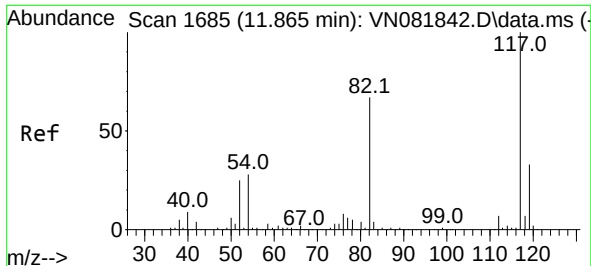
Tgt Ion: 98 Resp: 345512
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.584 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082047.D
Acq: 09 May 2024 13:46

Tgt Ion: 95 Resp: 110591
Ion Ratio Lower Upper
95 100
174 61.3 0.0 160.6
176 57.1 0.0 152.8

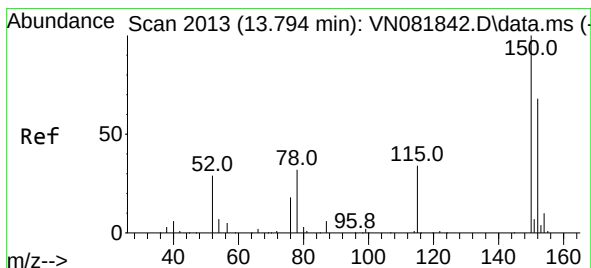
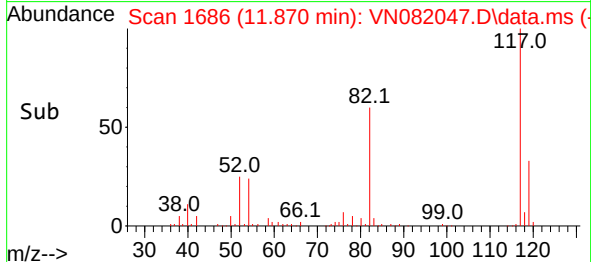
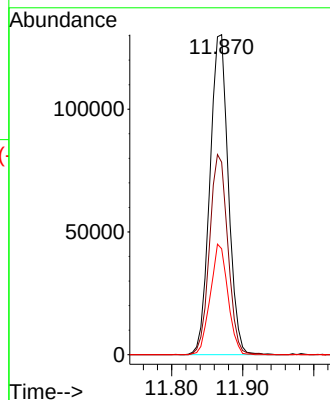
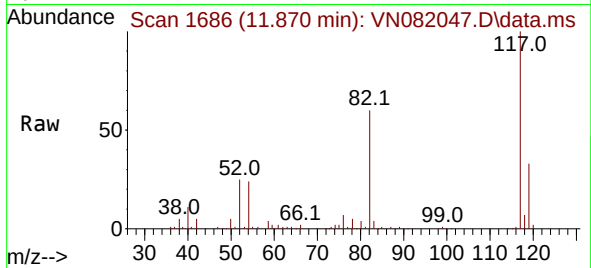




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082047.D
Acq: 09 May 2024 13:46

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 235088
Ion Ratio Lower Upper
117 100
82 60.1 44.6 66.8
119 33.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082047.D
Acq: 09 May 2024 13:46

Tgt Ion:152 Resp: 89720
Ion Ratio Lower Upper
152 100
115 66.8 30.4 91.3
150 154.6 0.0 353.2

