

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081763.D
 Acq On : 16 Apr 2024 16:51
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 17 03:28:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	220266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	401801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	365120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144470	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161218	52.014	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.020%
35) Dibromofluoromethane	8.165	113	129851	48.940	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	10.571	98	486905	49.813	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.853	95	162201	48.560	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.120%

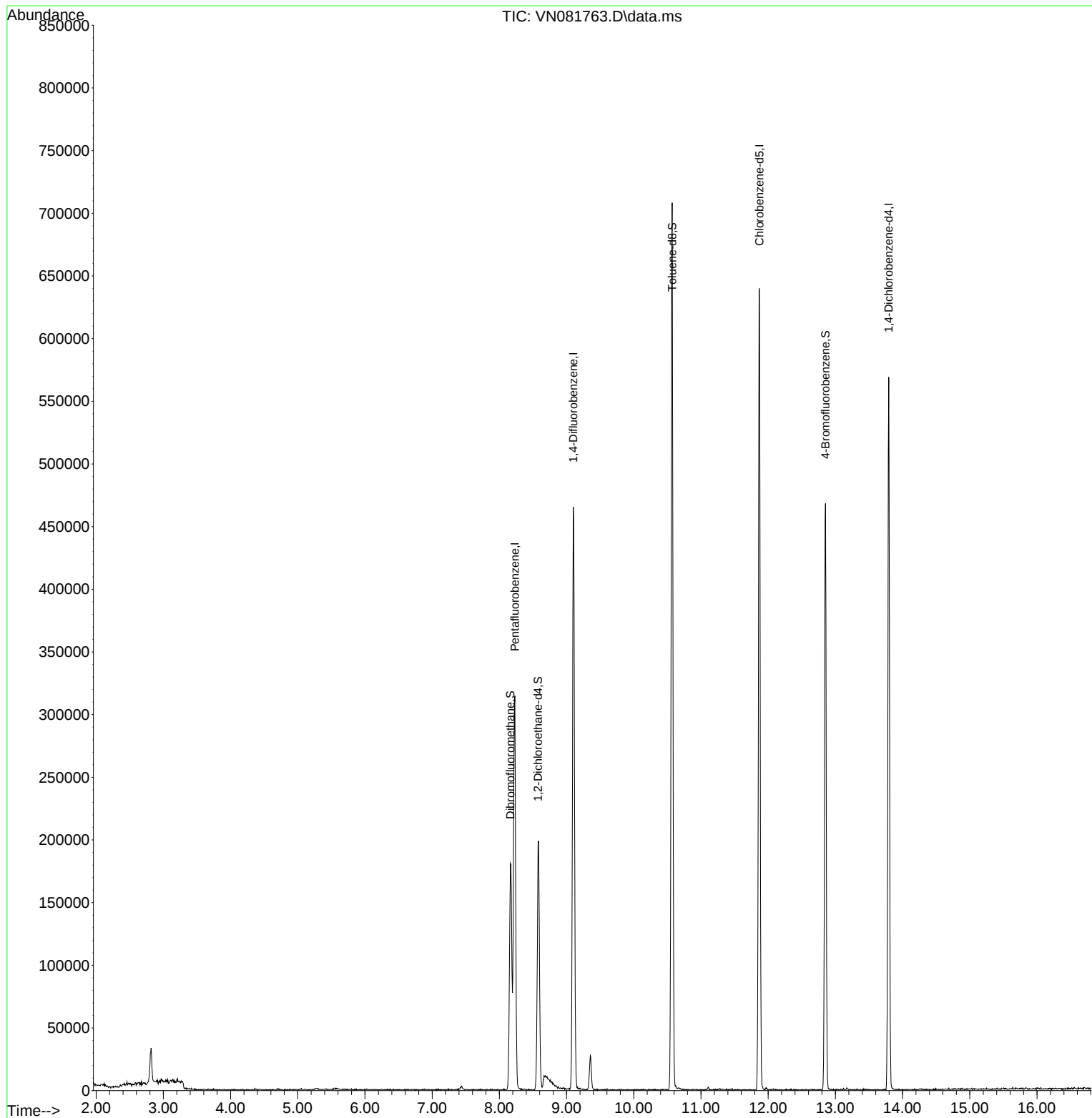
Target Compounds	Qvalue

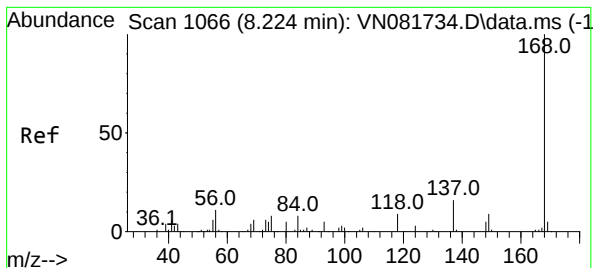
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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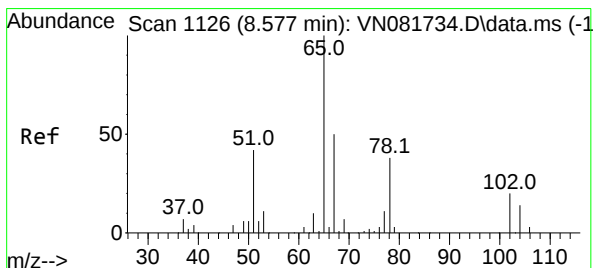
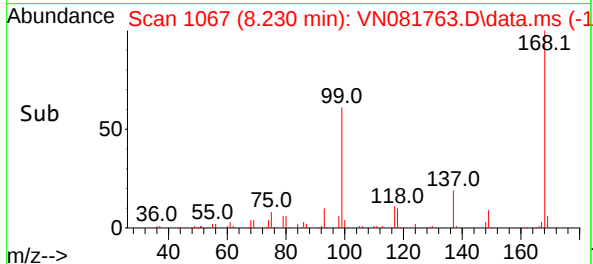
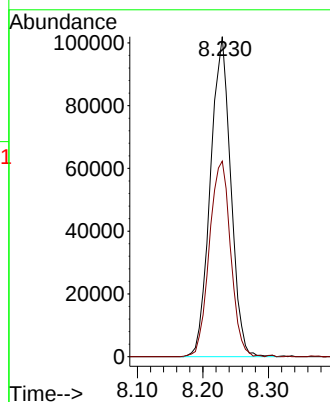
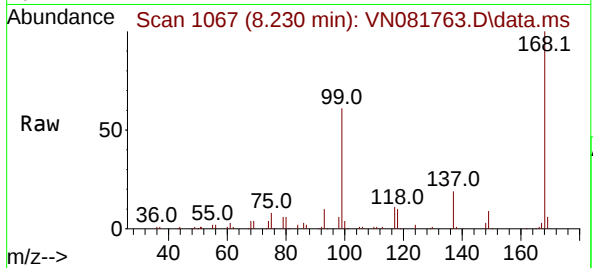




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

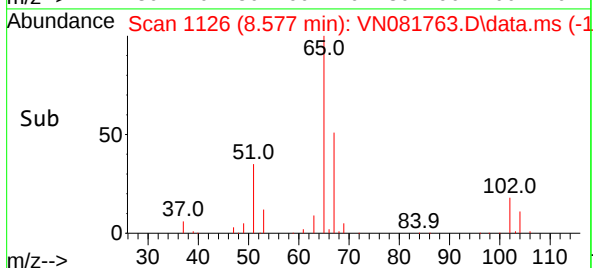
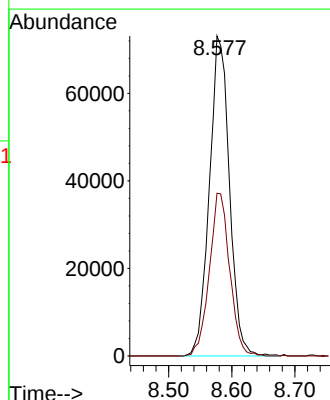
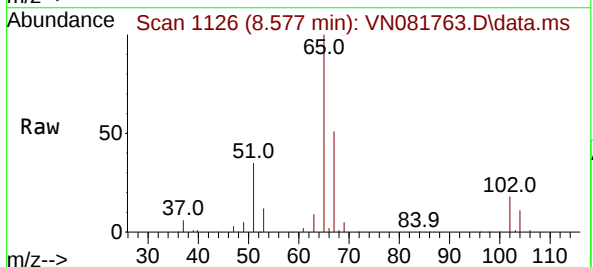
Instrument :
MSVOA_N
ClientSampleId :
IBLK

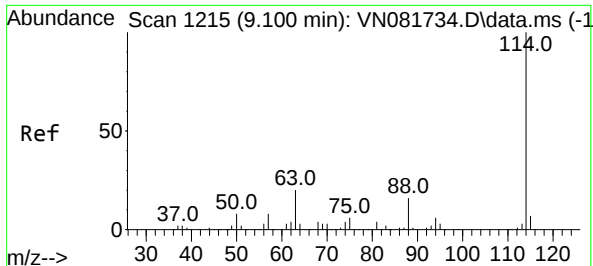
Tgt Ion:168 Resp: 220266
Ion Ratio Lower Upper
168 100
99 61.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.014 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

Tgt Ion: 65 Resp: 161218
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081763.D

Acq: 16 Apr 2024 16:51

Instrument :

MSVOA_N

ClientSampleId :

IBLK

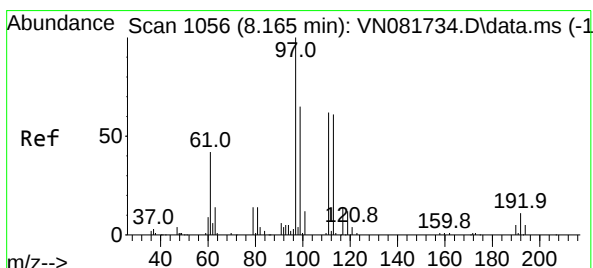
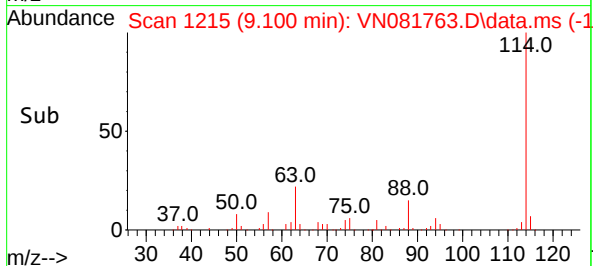
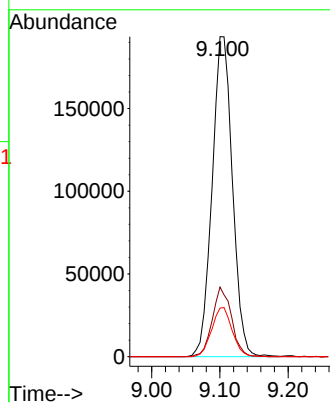
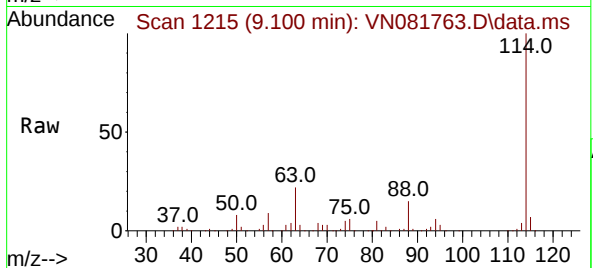
Tgt Ion:114 Resp: 401801

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.0

88 15.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.940 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081763.D

Acq: 16 Apr 2024 16:51

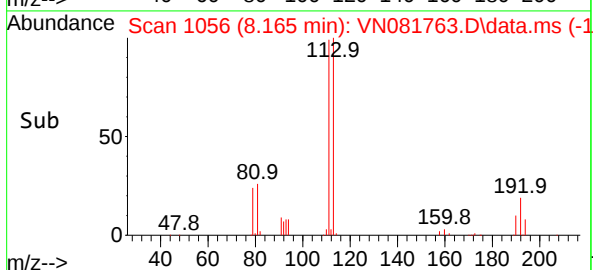
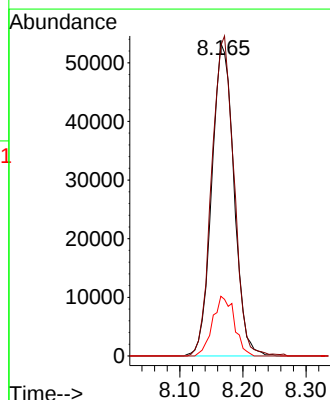
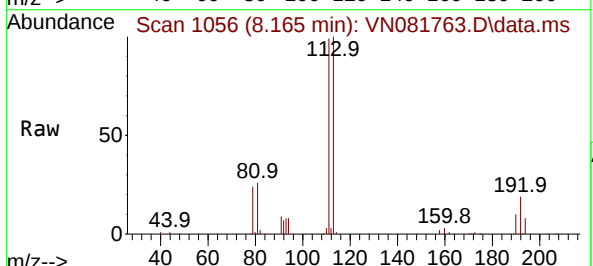
Tgt Ion:113 Resp: 129851

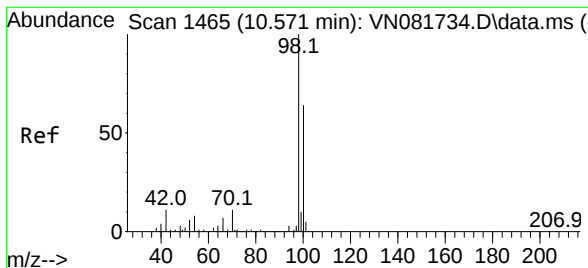
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 18.8 14.0 21.0





#50

Toluene-d8

Concen: 49.813 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081763.D

Acq: 16 Apr 2024 16:51

Instrument :

MSVOA_N

ClientSampleId :

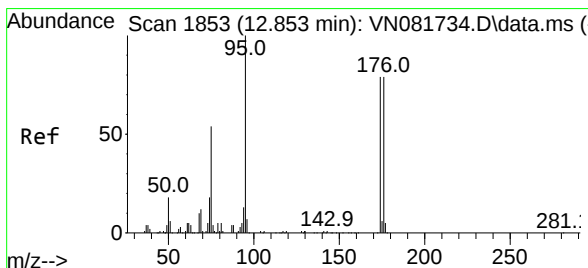
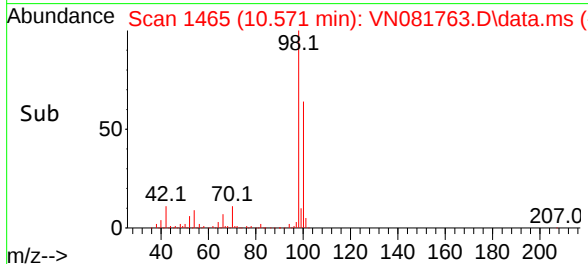
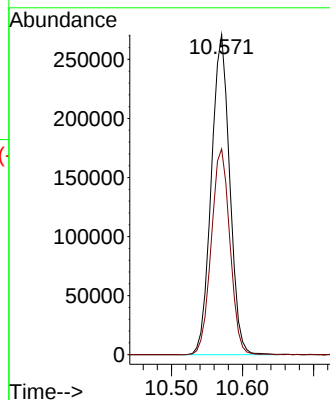
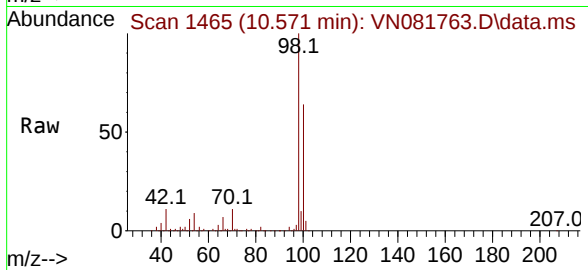
IBLK

Tgt Ion: 98 Resp: 486905

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 48.560 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN081763.D

Acq: 16 Apr 2024 16:51

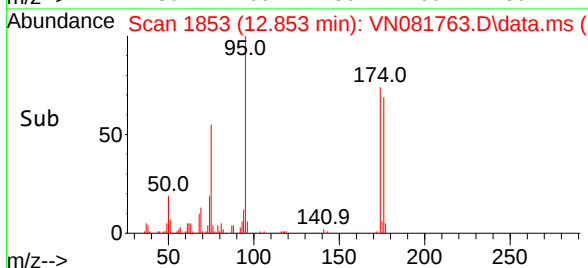
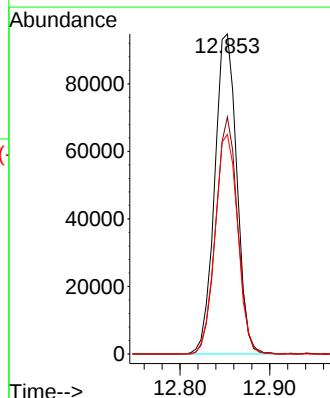
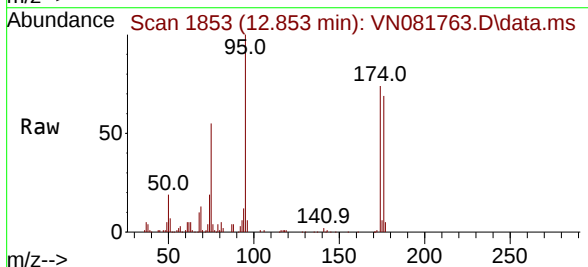
Tgt Ion: 95 Resp: 162201

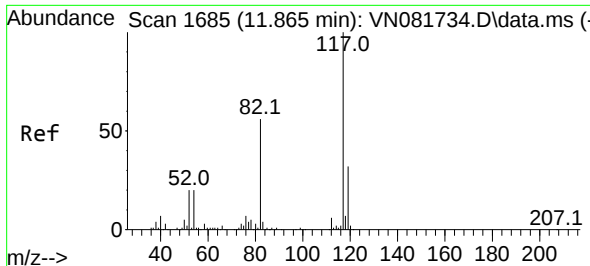
Ion Ratio Lower Upper

95 100

174 72.9 0.0 160.6

176 70.5 0.0 152.8

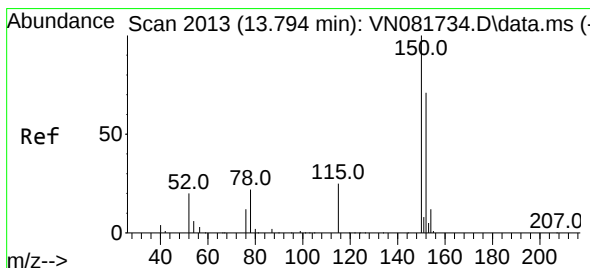
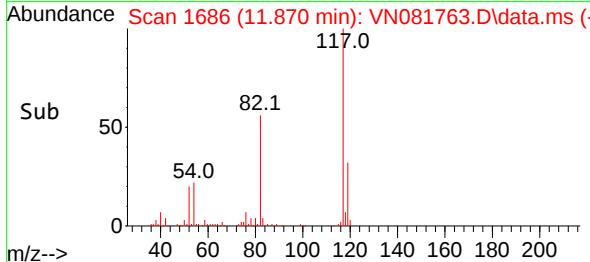
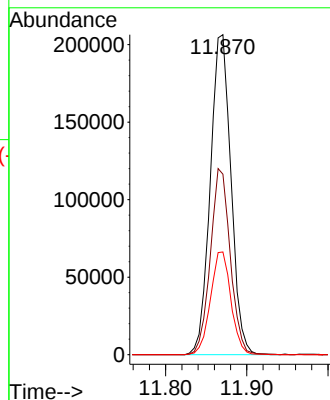
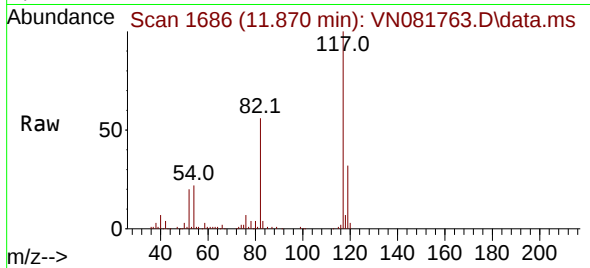




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081763.D
Acq: 16 Apr 2024 16:51

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 365120
Ion Ratio Lower Upper
117 100
82 56.4 44.6 66.8
119 32.1 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: VN081763.D
Acq: 16 Apr 2024 16:51

Tgt Ion:152 Resp: 144470
Ion Ratio Lower Upper
152 100
115 63.4 30.4 91.3
150 160.8 0.0 353.2

