

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083194.D
 Acq On : 09 Aug 2024 20:03
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 10 01:04:32 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	126200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	106492	59.284	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 118.560%		
35) Dibromofluoromethane	8.165	113	83126	55.139	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.280%		
50) Toluene-d8	10.565	98	316707	56.317	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 112.640%		
62) 4-Bromofluorobenzene	12.847	95	133733	60.998	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 122.000%		

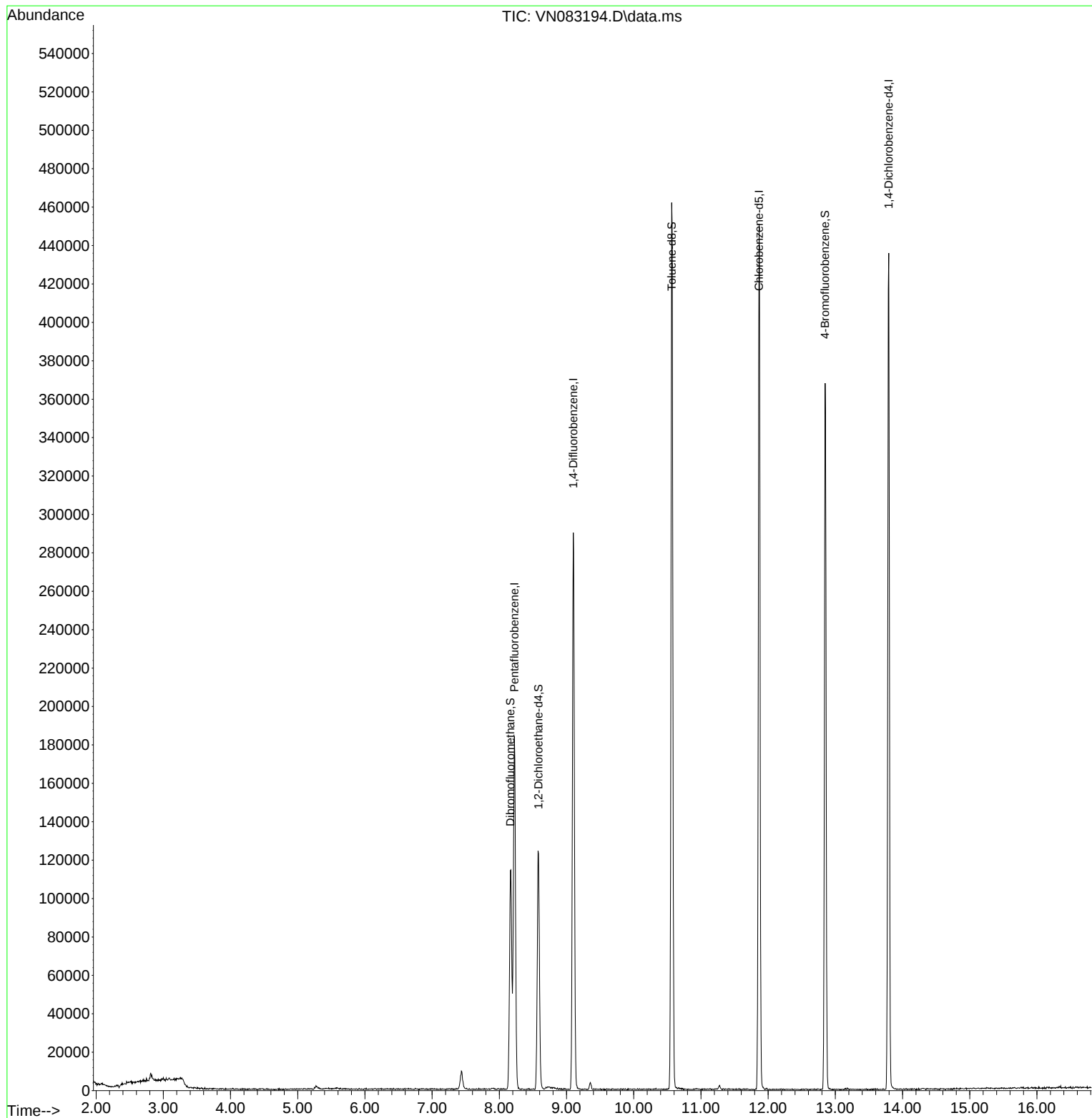
Target Compounds	Qvalue

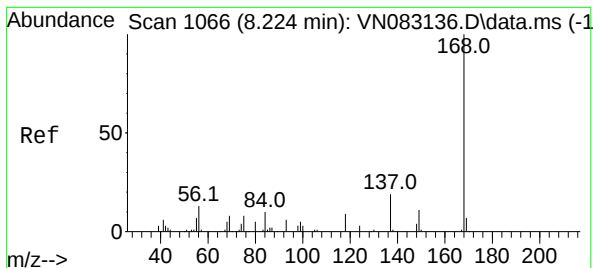
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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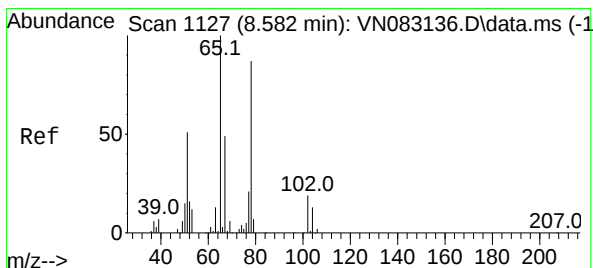
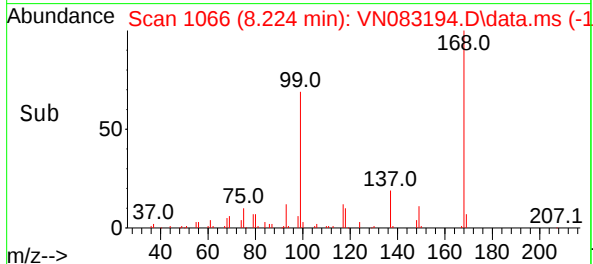
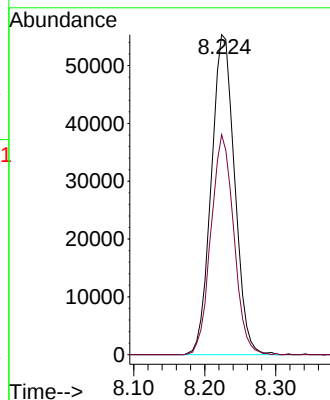
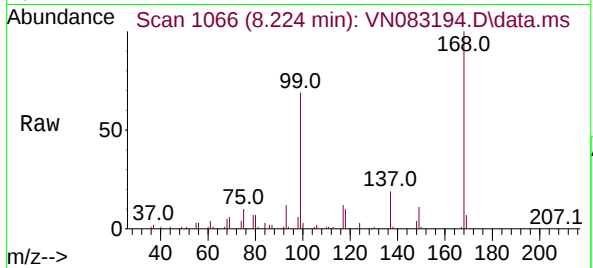




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083194.D
Acq: 09 Aug 2024 20:03

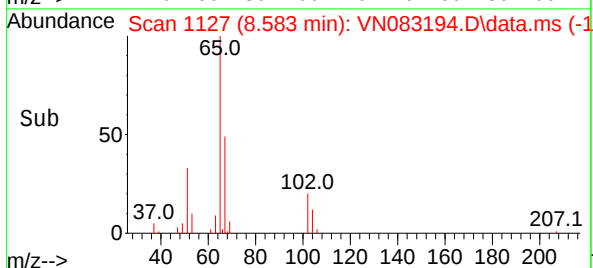
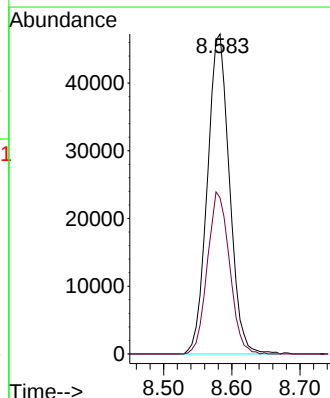
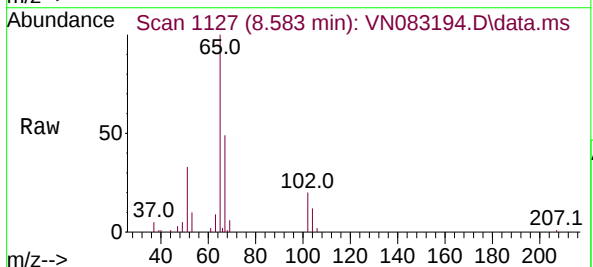
Instrument :
MSVOA_N
ClientSampleId :
IBLK

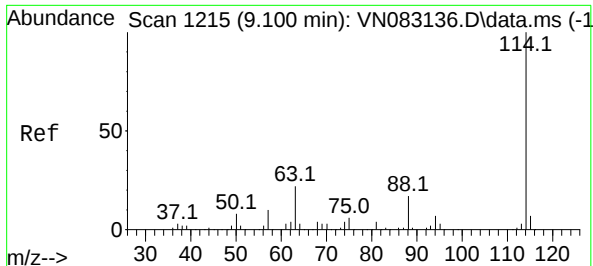
Tgt Ion:168 Resp: 126200
Ion Ratio Lower Upper
168 100
99 68.8 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 59.284 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083194.D
Acq: 09 Aug 2024 20:03

Tgt Ion: 65 Resp: 106492
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.4

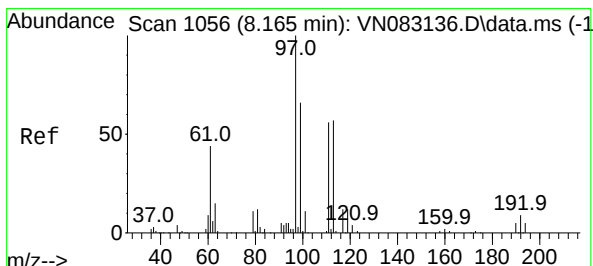
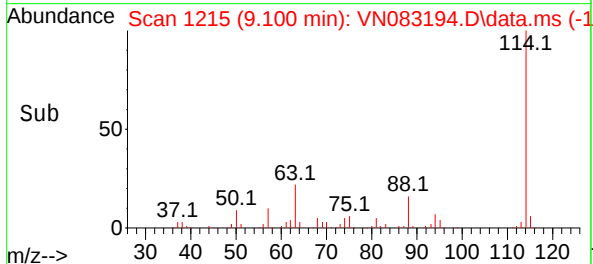
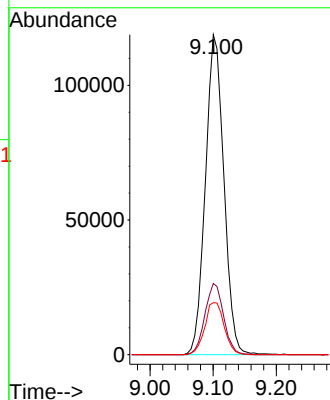
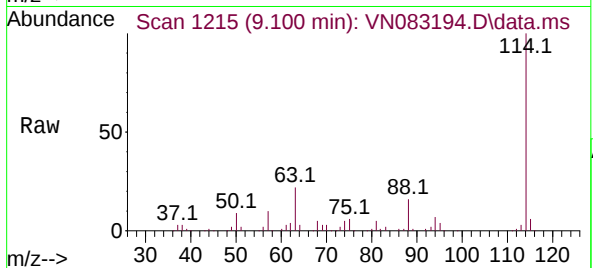




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083194.D
Acq: 09 Aug 2024 20:03

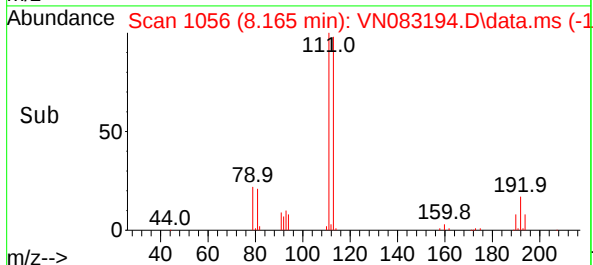
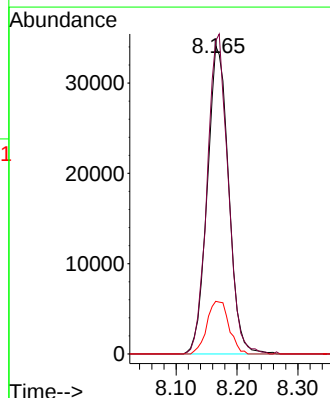
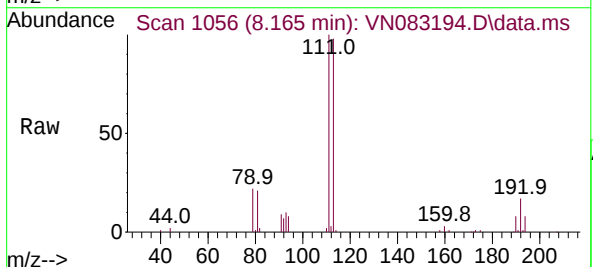
Instrument :
MSVOA_N
ClientSampleId :
IBLK

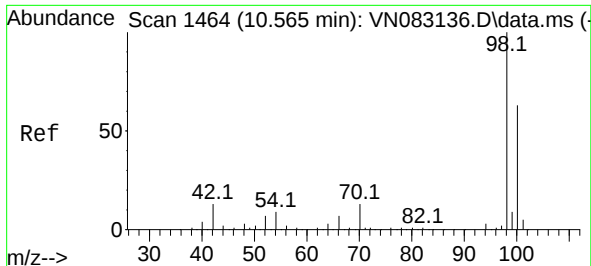
Tgt Ion:114 Resp: 241531
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.6
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.139 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083194.D
Acq: 09 Aug 2024 20:03

Tgt Ion:113 Resp: 83126
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 17.6 14.9 22.3





#50

Toluene-d8

Concen: 56.317 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083194.D

Acq: 09 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

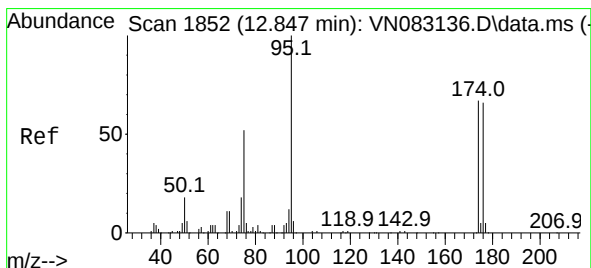
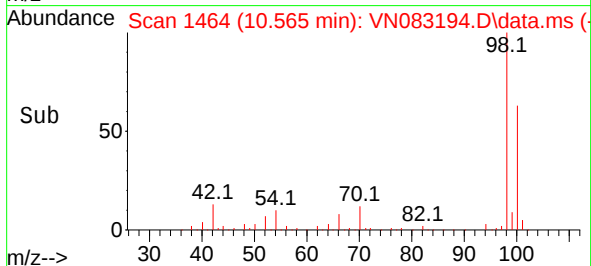
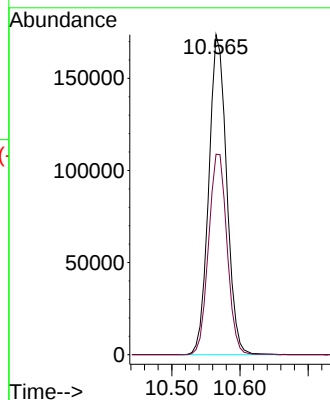
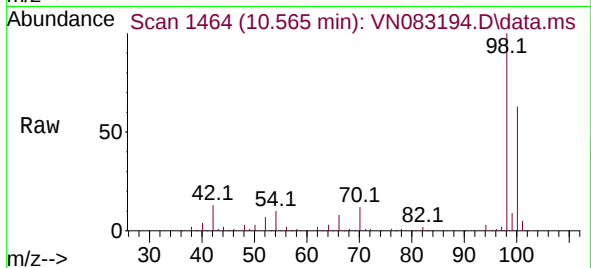
IBLK

Tgt Ion: 98 Resp: 316707

Ion Ratio Lower Upper

98 100

100 64.7 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 60.998 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083194.D

Acq: 09 Aug 2024 20:03

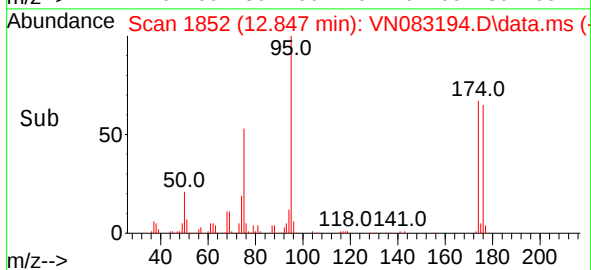
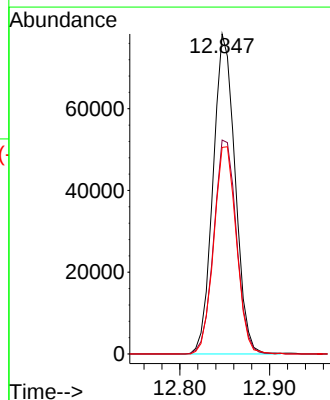
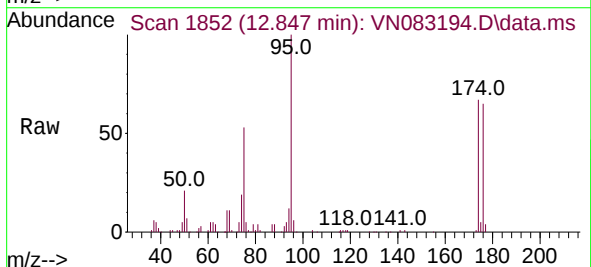
Tgt Ion: 95 Resp: 133733

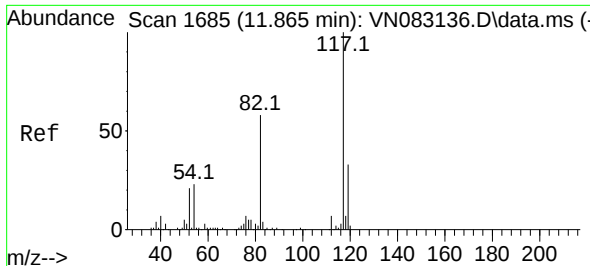
Ion Ratio Lower Upper

95 100

174 68.9 0.0 159.2

176 66.2 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: VN083194.D

Acq: 09 Aug 2024 20:03

Instrument :

MSVOA_N

ClientSampleId :

IBLK

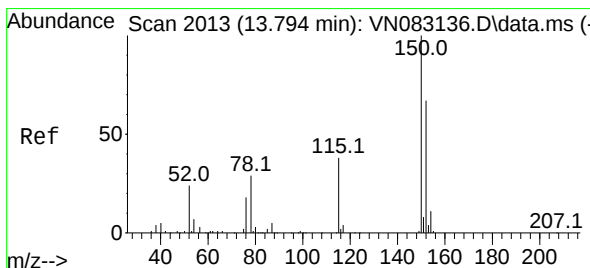
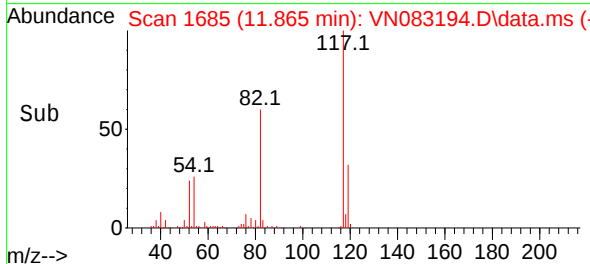
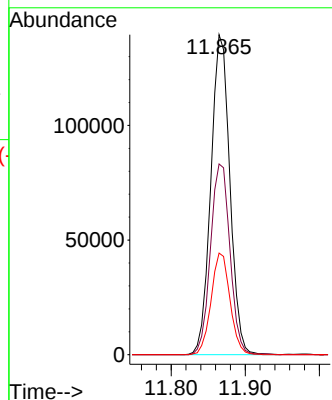
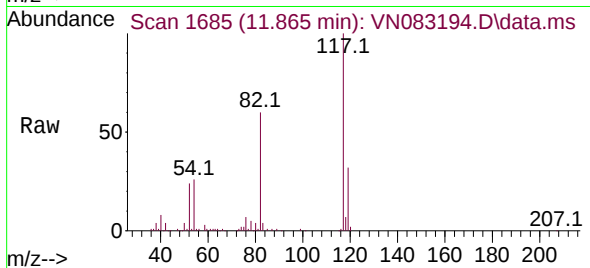
Tgt Ion:117 Resp: 248524

Ion Ratio Lower Upper

117 100

82 59.6 47.5 71.3

119 31.8 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: VN083194.D

Acq: 09 Aug 2024 20:03

Tgt Ion:152 Resp: 110576

Ion Ratio Lower Upper

152 100

115 65.1 30.6 91.6

150 162.1 0.0 348.6

