

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112823\
 Data File : VN080298.D
 Acq On : 28 Nov 2023 15:51
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 29 00:38:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	171042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	314435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148816	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147433	52.204	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.400%
35) Dibromofluoromethane	8.165	113	118311	50.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.980%
50) Toluene-d8	10.565	98	418888	50.085	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.847	95	161129	51.005	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.020%

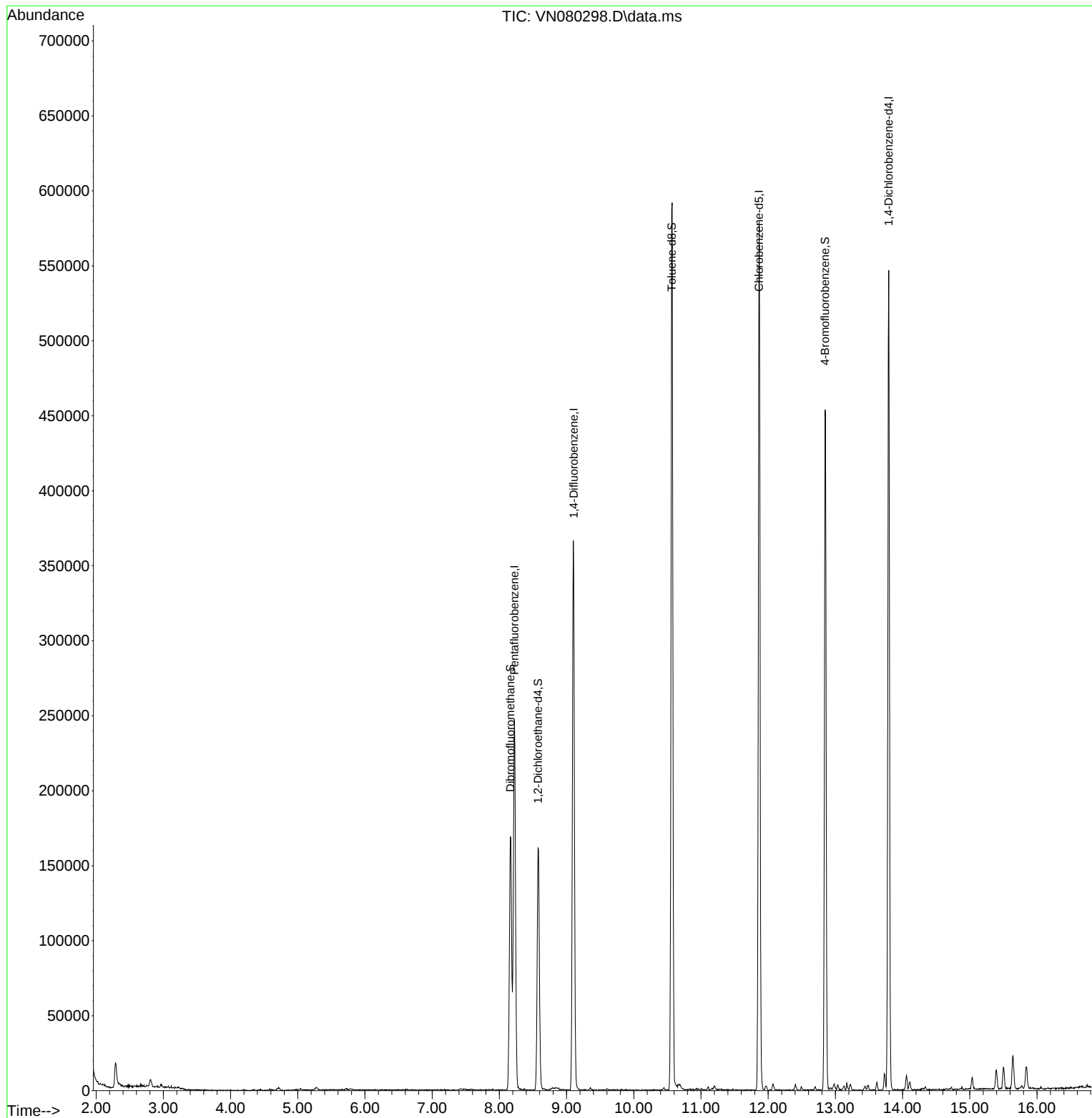
Target Compounds	Qvalue

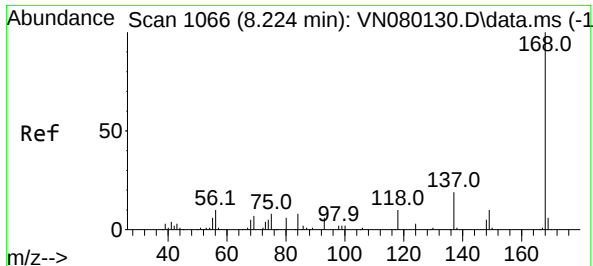
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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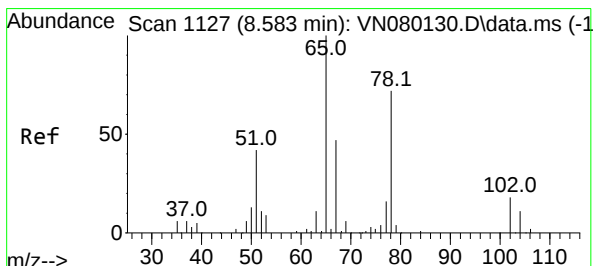
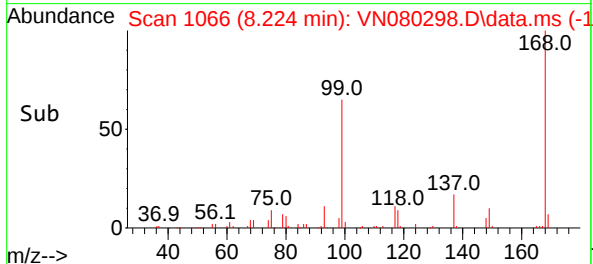
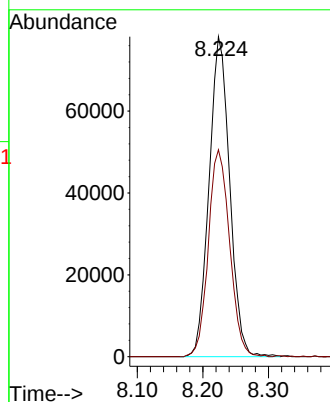
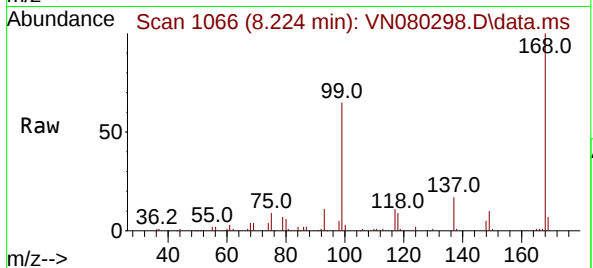




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080298.D
Acq: 28 Nov 2023 15:51

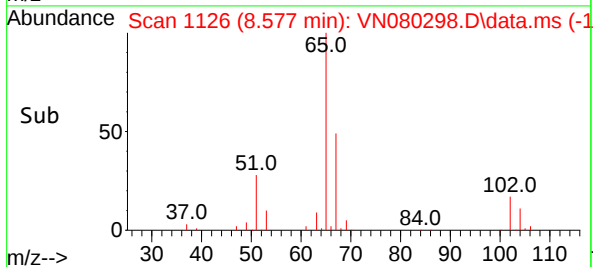
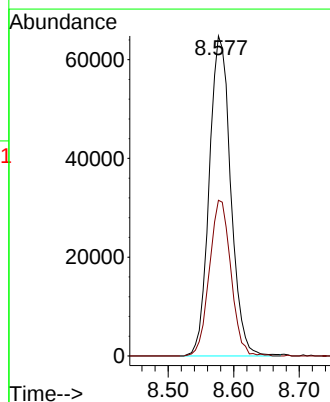
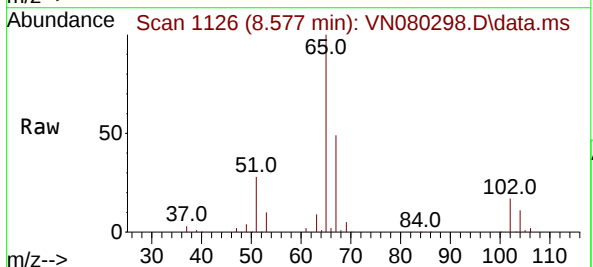
Instrument :
MSVOA_N
ClientSampleId :
IBLK

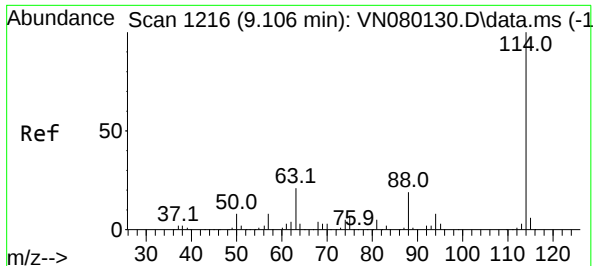
Tgt Ion:168 Resp: 171042
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.204 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080298.D
Acq: 28 Nov 2023 15:51

Tgt Ion: 65 Resp: 147433
Ion Ratio Lower Upper
65 100
67 48.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080298.D

Acq: 28 Nov 2023 15:51

Instrument :

MSVOA_N

ClientSampleId :

IBLK

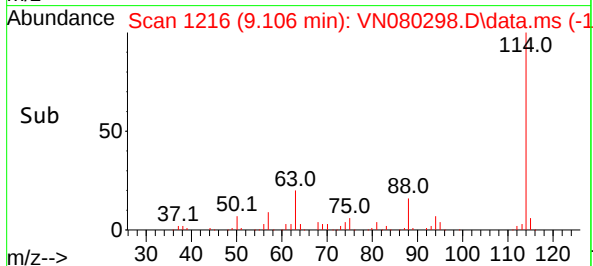
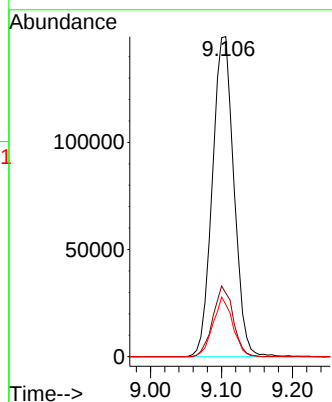
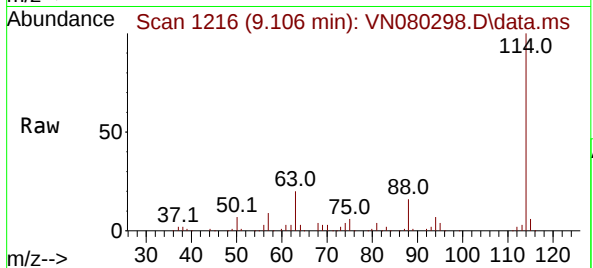
Tgt Ion:114 Resp: 314435

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.994 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080298.D

Acq: 28 Nov 2023 15:51

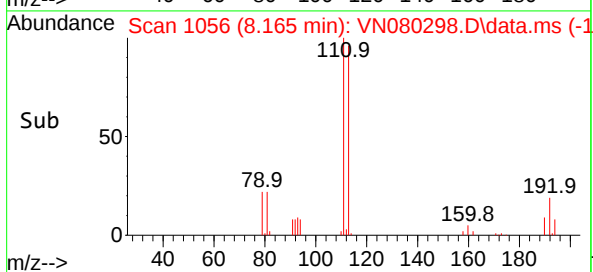
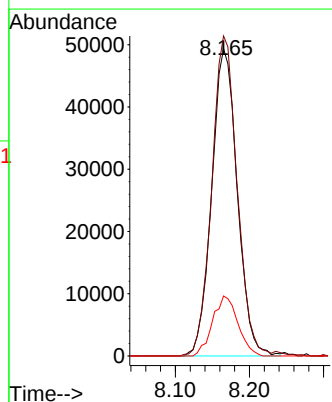
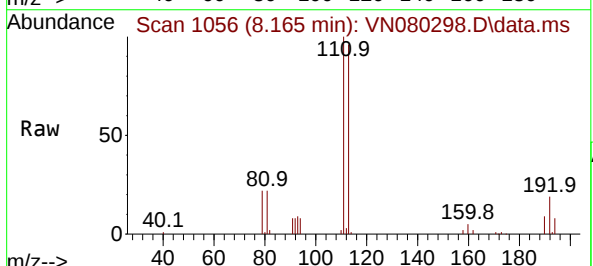
Tgt Ion:113 Resp: 118311

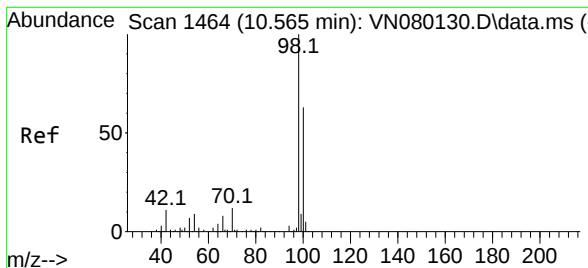
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 19.3 12.7 19.1#

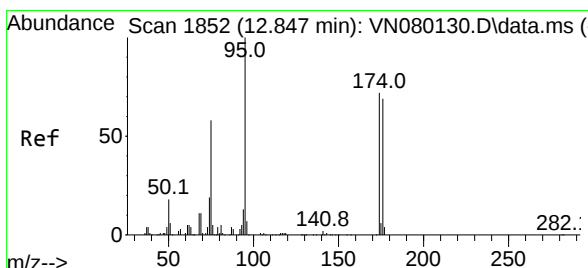
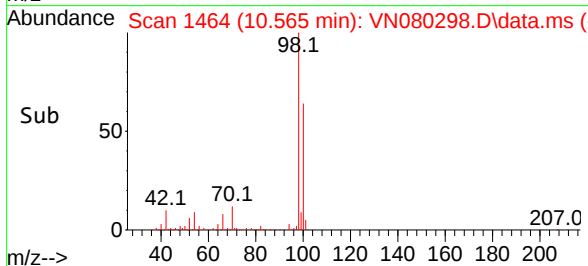
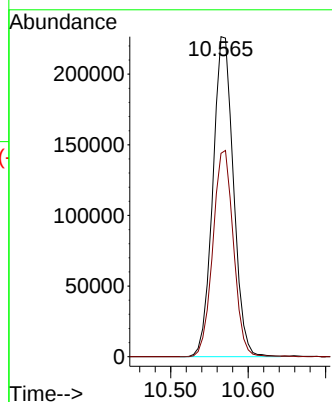
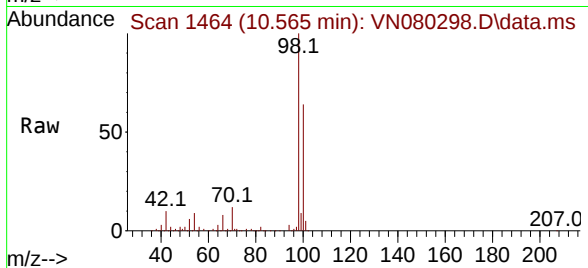




#50
Toluene-d8
Concen: 50.085 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080298.D
Acq: 28 Nov 2023 15:51

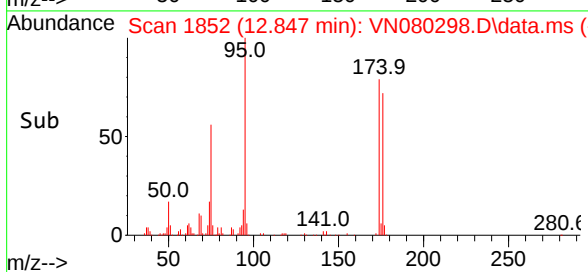
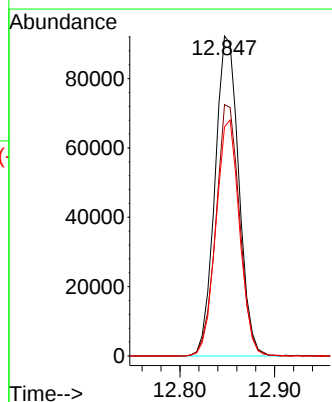
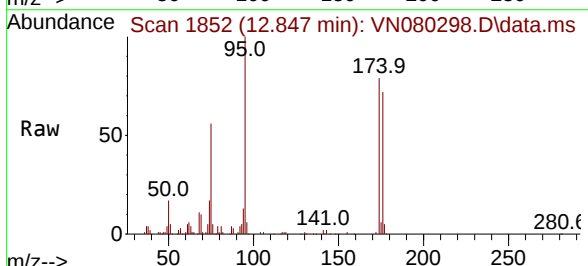
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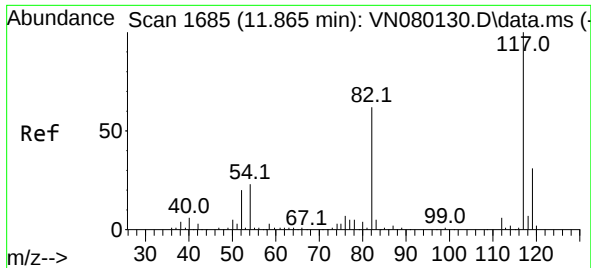
Tgt Ion: 98 Resp: 418888
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.005 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080298.D
Acq: 28 Nov 2023 15:51

Tgt Ion: 95 Resp: 161129
Ion Ratio Lower Upper
95 100
174 78.0 0.0 143.8
176 73.3 0.0 135.8

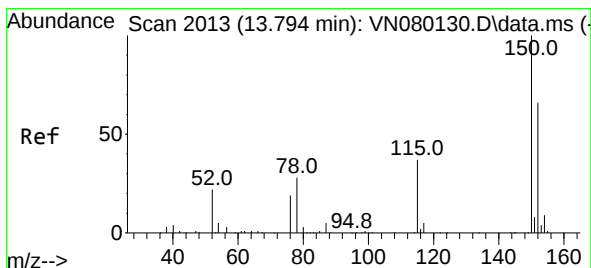
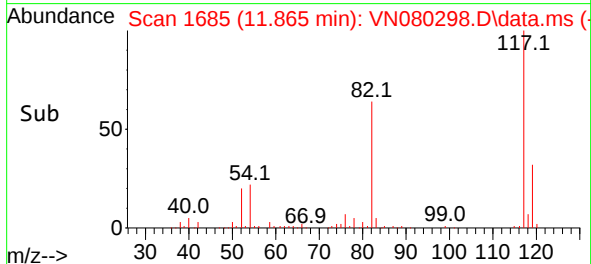
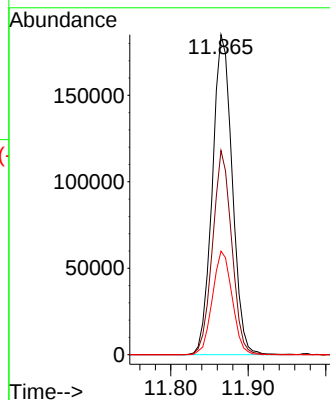
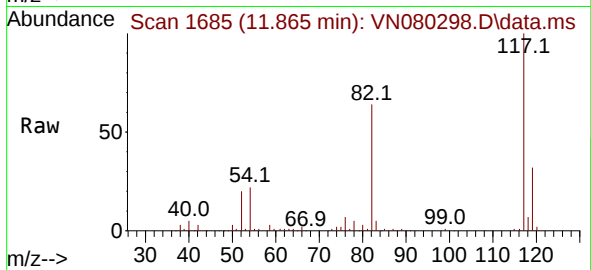




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080298.D
Acq: 28 Nov 2023 15:51

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 330790
Ion Ratio Lower Upper
117 100
82 63.8 44.0 66.0
119 32.3 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: VN080298.D
Acq: 28 Nov 2023 15:51

Tgt Ion:152 Resp: 148816
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 153.7 0.0 355.8

