

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080181.D
 Acq On : 18 Nov 2023 13:19
 Operator : JC\MD
 Sample : VN1118WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBL02

Quant Time: Nov 20 01:23:13 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	8.230	168	156451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	307361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	140305	54.313	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.620%
35) Dibromofluoromethane	8.171	113	111428	51.834	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.660%
50) Toluene-d8	10.571	98	384756	49.650	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.853	95	149192	50.970	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.940%

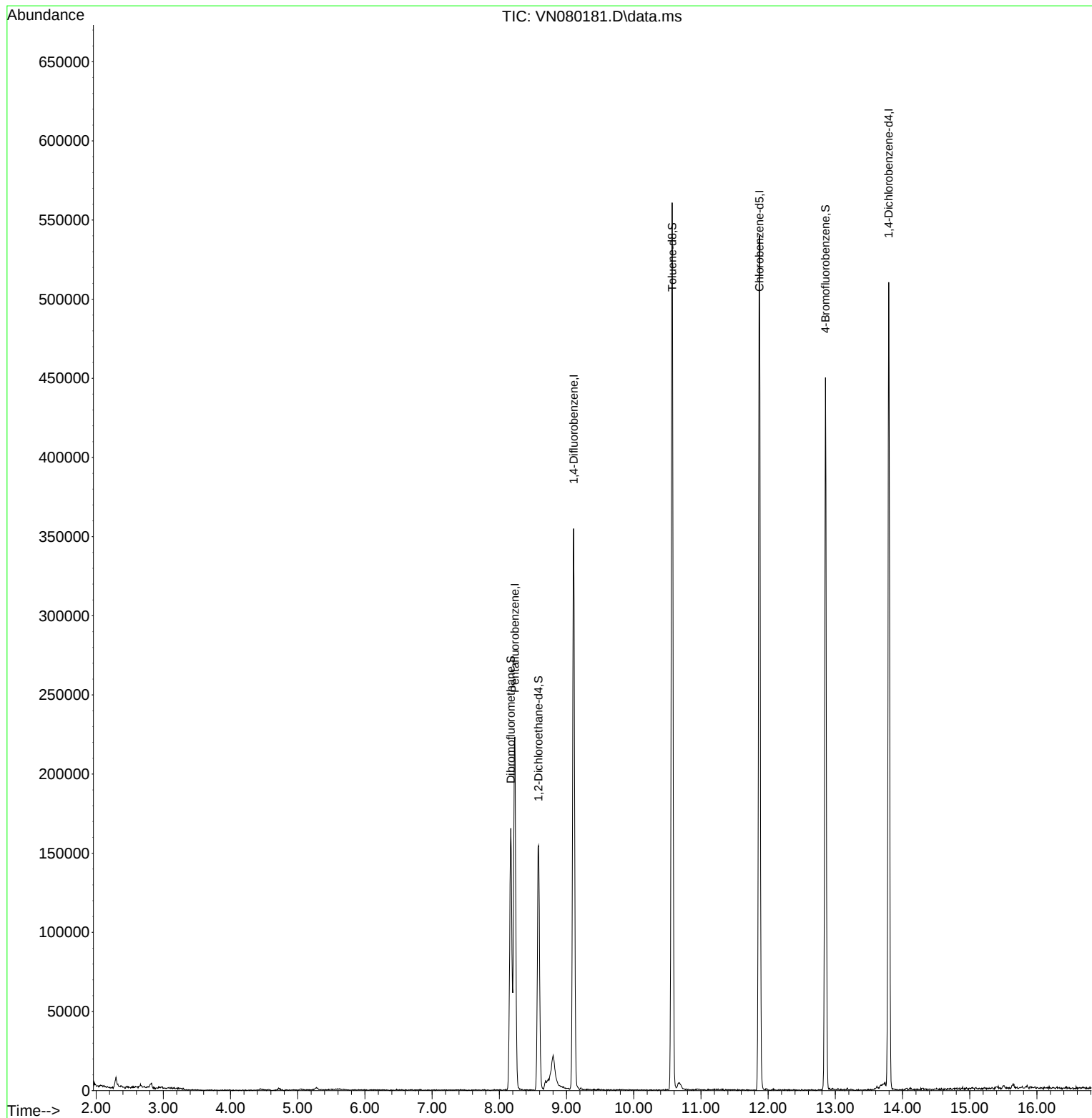
Target Compounds	Qvalue

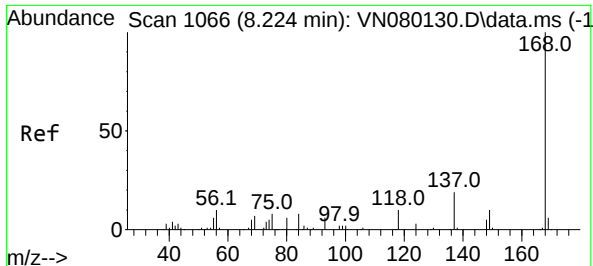
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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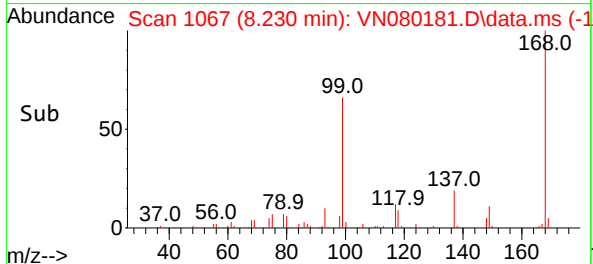
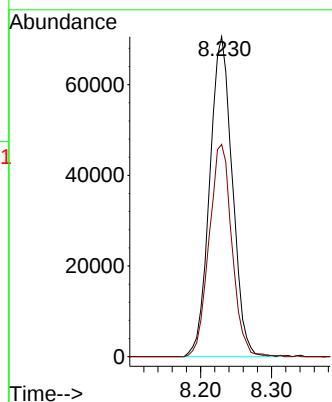
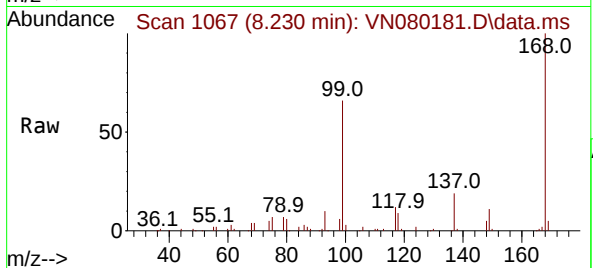




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080181.D
Acq: 18 Nov 2023 13:19

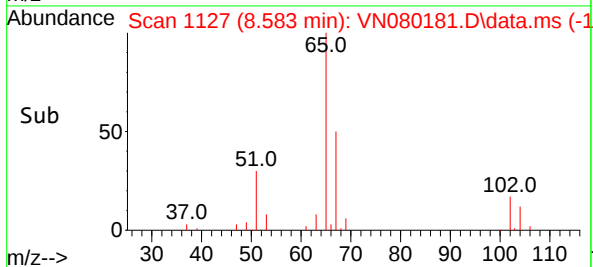
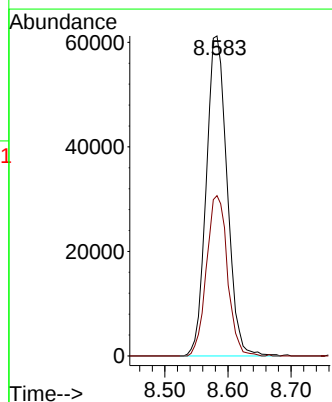
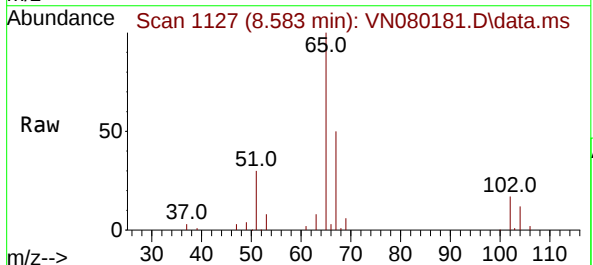
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBL02

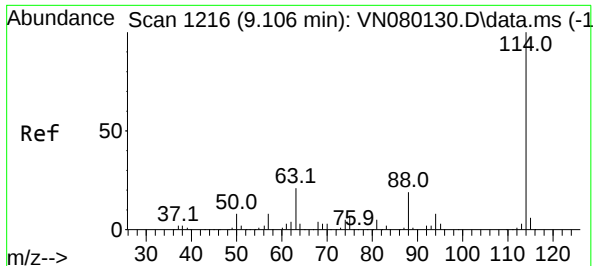
Tgt Ion:168 Resp: 156451
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.313 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080181.D
Acq: 18 Nov 2023 13:19

Tgt Ion: 65 Resp: 140305
Ion Ratio Lower Upper
65 100
67 50.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080181.D

Acq: 18 Nov 2023 13:19

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBL02

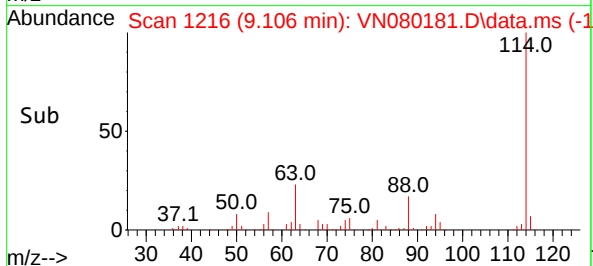
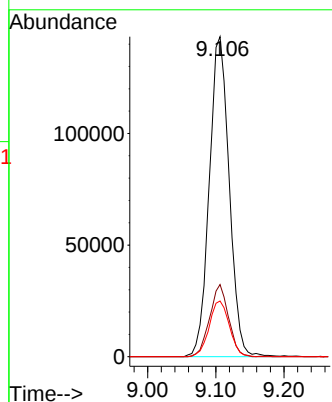
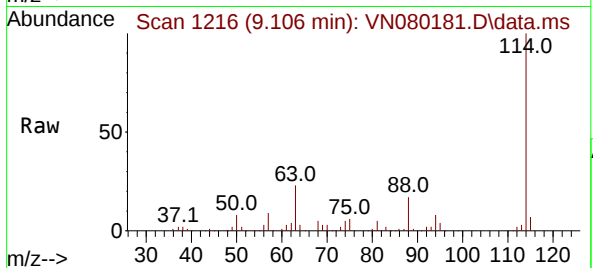
Tgt Ion:114 Resp: 291343

Ion Ratio Lower Upper

114 100

63 22.6 0.0 36.4

88 17.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.834 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080181.D

Acq: 18 Nov 2023 13:19

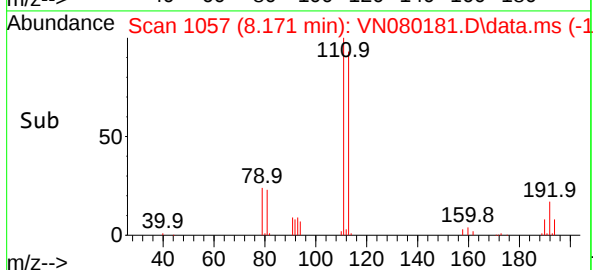
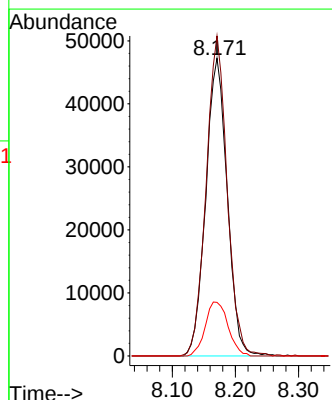
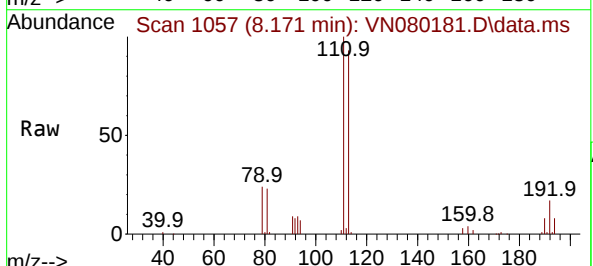
Tgt Ion:113 Resp: 111428

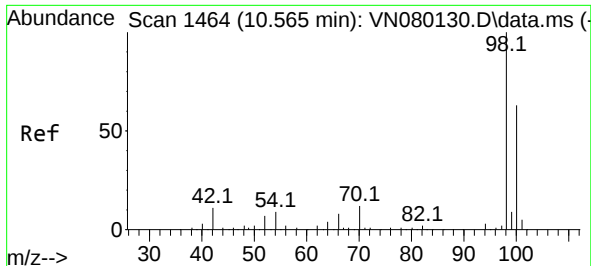
Ion Ratio Lower Upper

113 100

111 105.3 82.6 123.8

192 19.3 12.7 19.1#

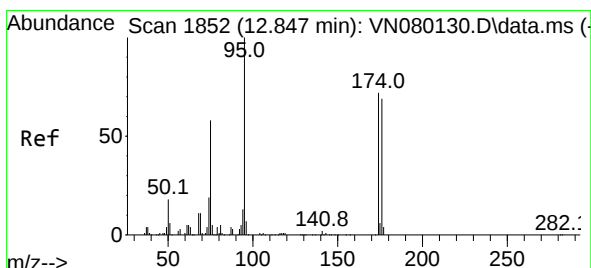
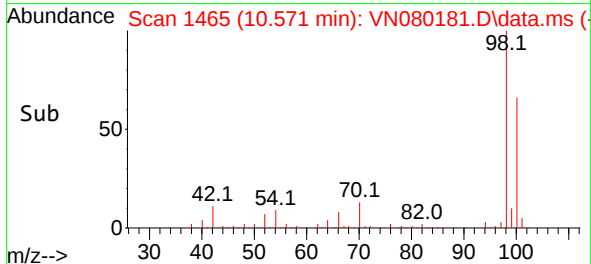
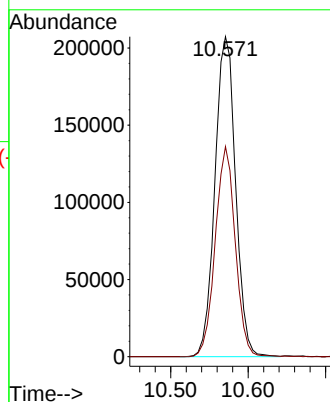
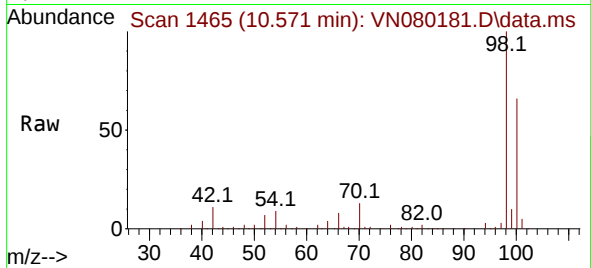




#50
Toluene-d8
Concen: 49.650 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080181.D
Acq: 18 Nov 2023 13:19

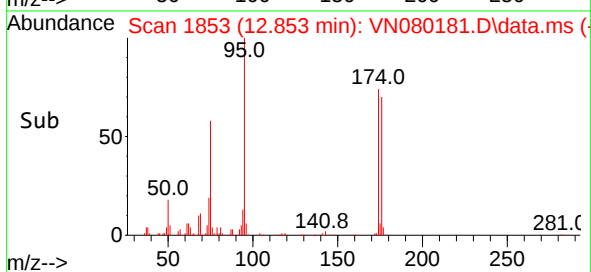
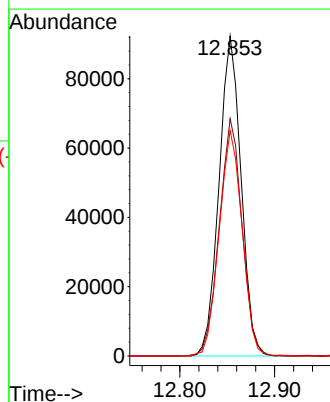
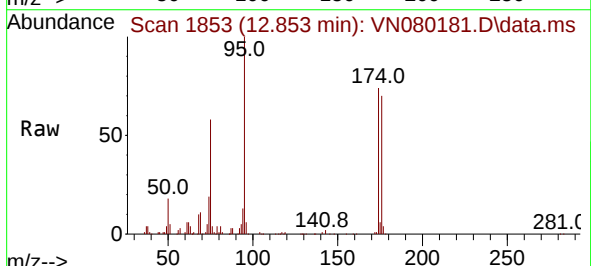
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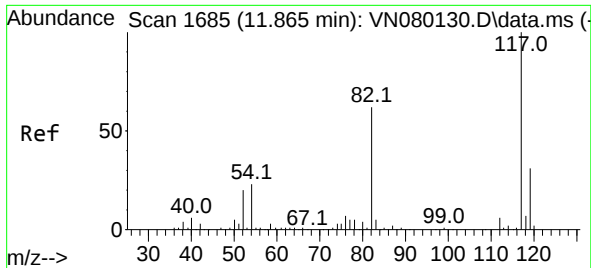
Tgt Ion: 98 Resp: 384756
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.970 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080181.D
Acq: 18 Nov 2023 13:19

Tgt Ion: 95 Resp: 149192
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 73.2 0.0 135.8

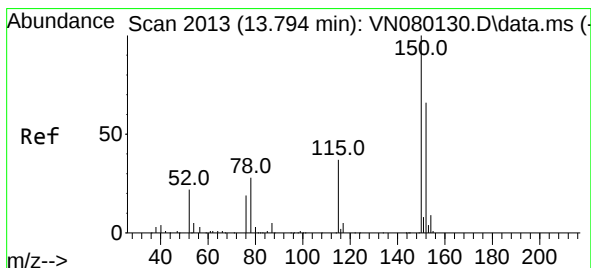
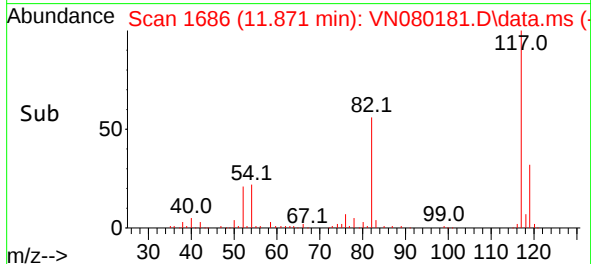
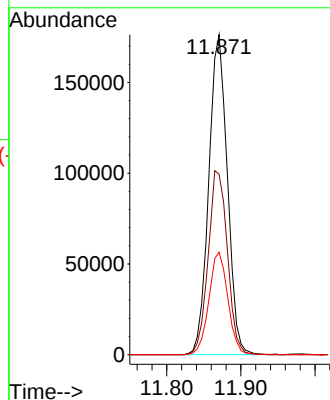
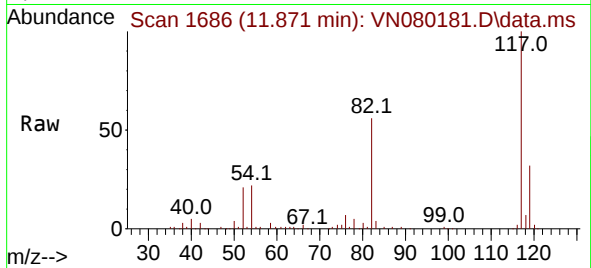




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080181.D
Acq: 18 Nov 2023 13:19

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBL02

Tgt Ion:117 Resp: 307361
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 32.0 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: VN080181.D
Acq: 18 Nov 2023 13:19

Tgt Ion:152 Resp: 132841
Ion Ratio Lower Upper
152 100
115 63.8 32.3 96.8
150 155.7 0.0 355.8

