

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112823\
 Data File : VN080295.D
 Acq On : 28 Nov 2023 14:27
 Operator : JC\MD
 Sample : 05551-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP11272023

Quant Time: Nov 29 00:36:40 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	187837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	348152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	373285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169099	54.522	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.040%	
35) Dibromofluoromethane	8.171	113	137961	53.704	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.400%	
50) Toluene-d8	10.571	98	464351	50.144	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	12.853	95	178841	51.130	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.260%	

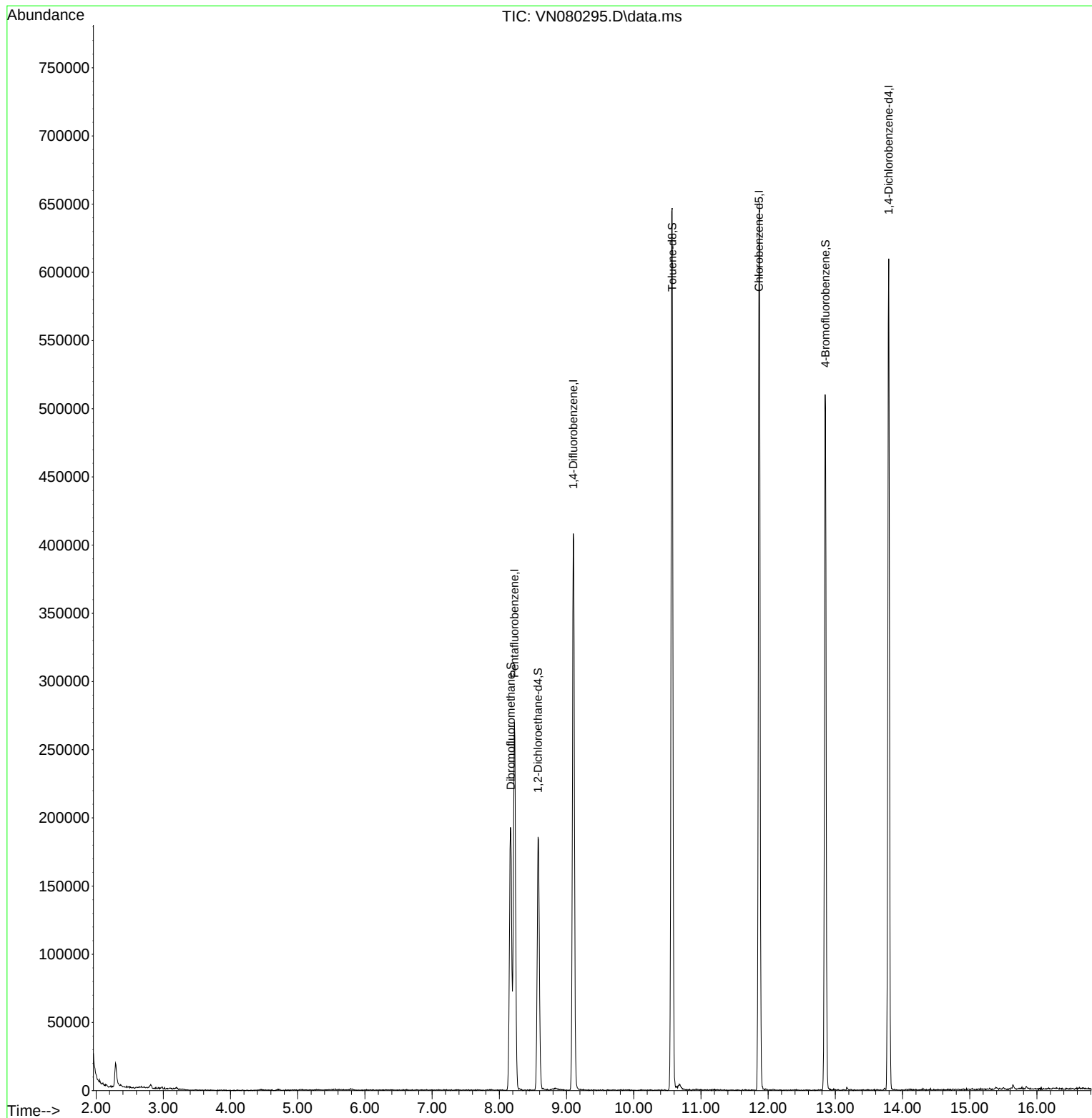
Target Compounds	Qvalue

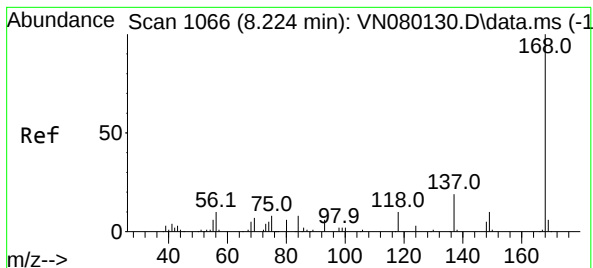
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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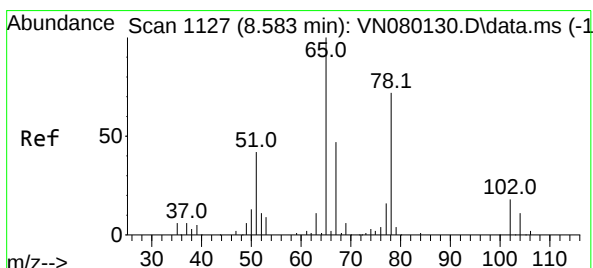
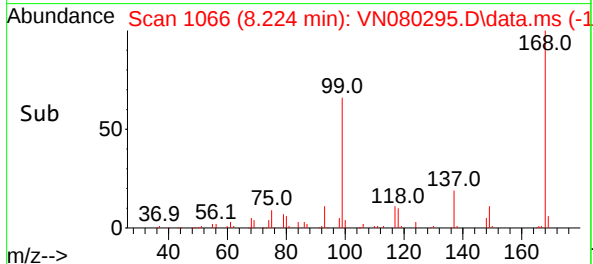
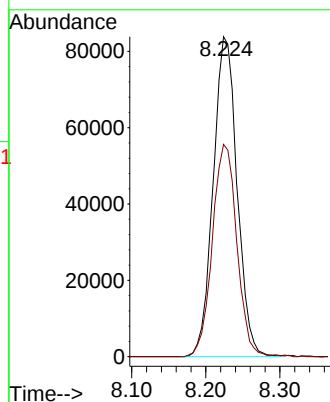
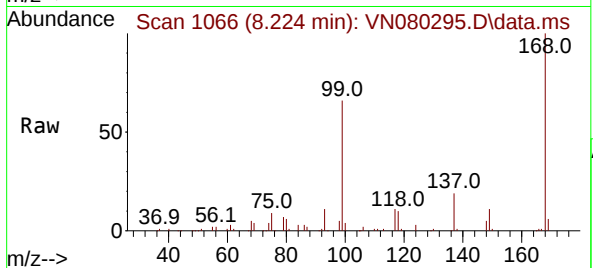




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

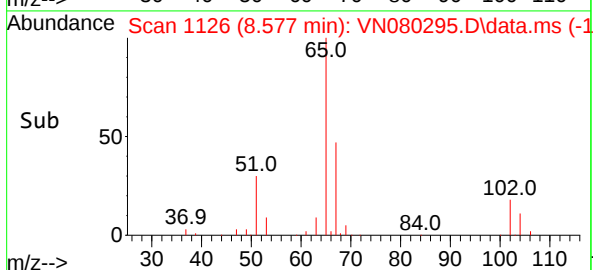
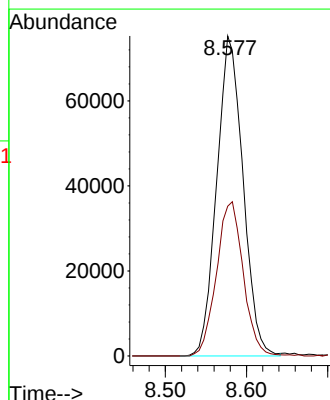
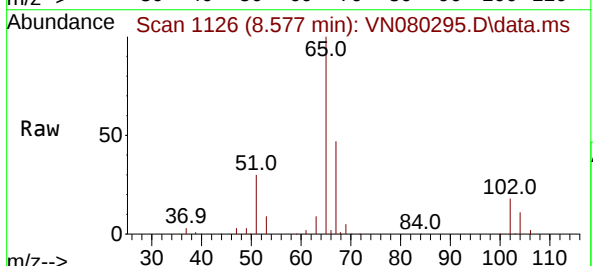
Instrument :
MSVOA_N
ClientSampleId :
DUP11272023

Tgt Ion:168 Resp: 187837
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.522 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

Tgt Ion: 65 Resp: 169099
Ion Ratio Lower Upper
65 100
67 49.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080295.D

Acq: 28 Nov 2023 14:27

Instrument :

MSVOA_N

ClientSampleId :

DUP11272023

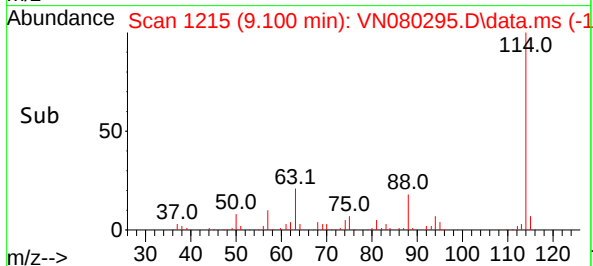
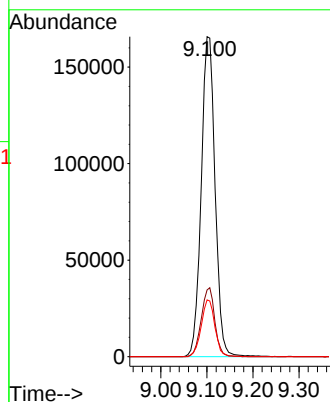
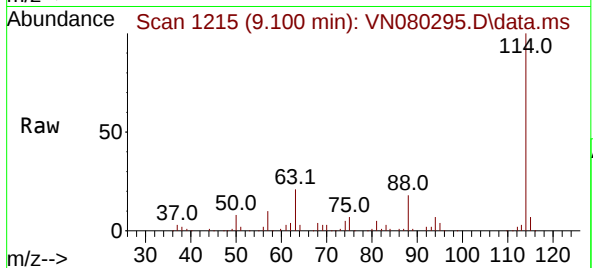
Tgt Ion:114 Resp: 348152

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 17.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.704 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080295.D

Acq: 28 Nov 2023 14:27

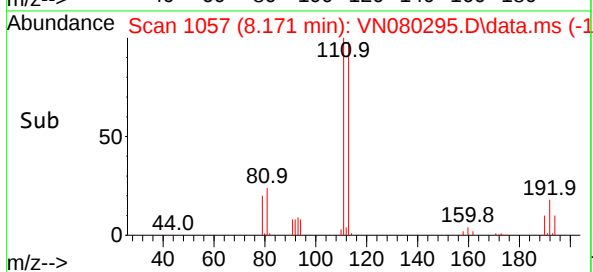
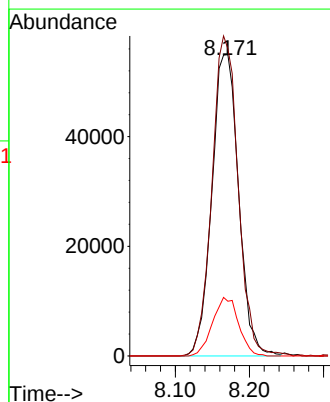
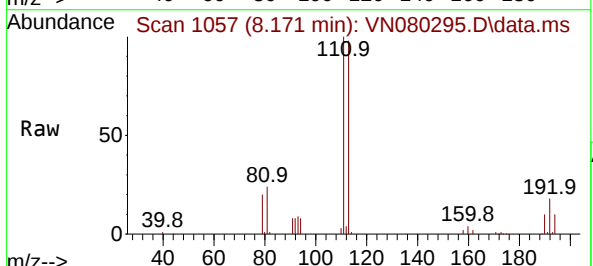
Tgt Ion:113 Resp: 137961

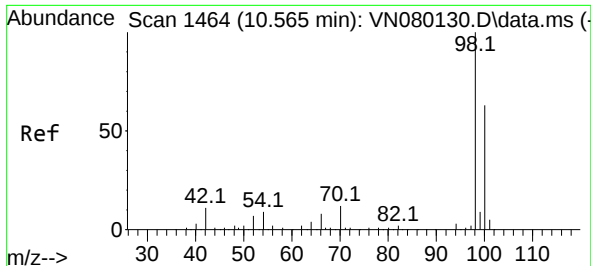
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 18.9 12.7 19.1

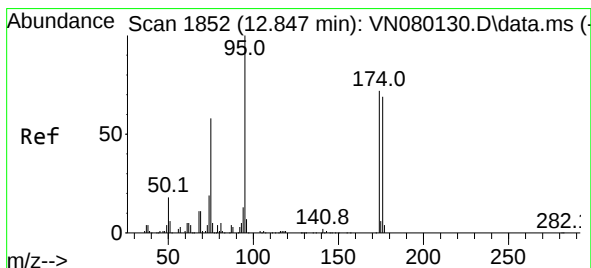
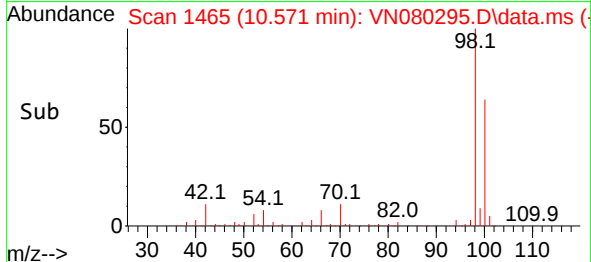
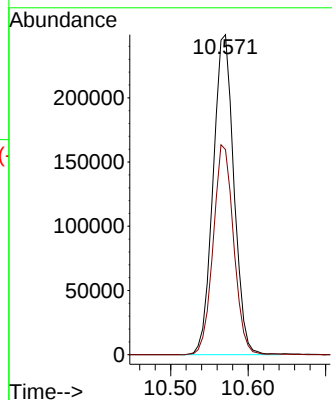
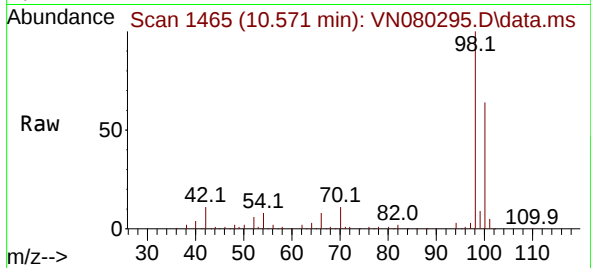




#50
Toluene-d8
Concen: 50.144 ug/l
RT: 10.571 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

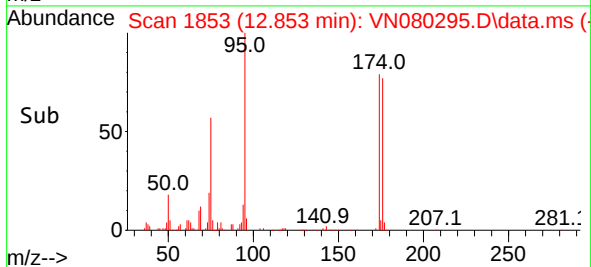
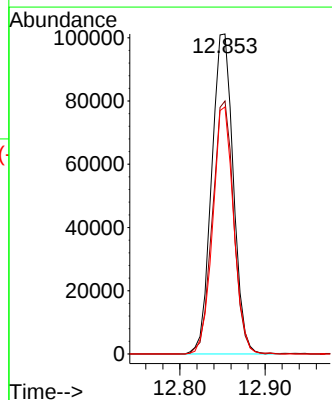
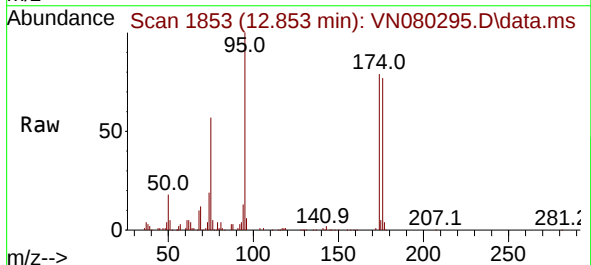
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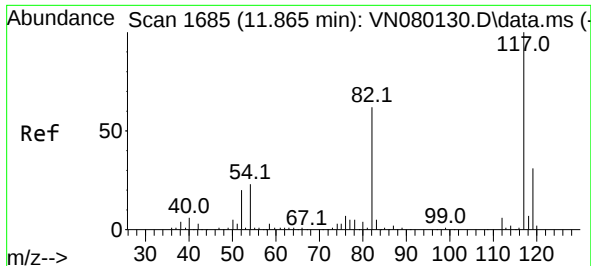
Tgt Ion: 98 Resp: 464351
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.130 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

Tgt Ion: 95 Resp: 178841
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 74.2 0.0 135.8

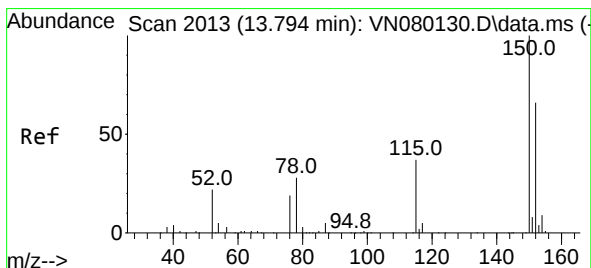
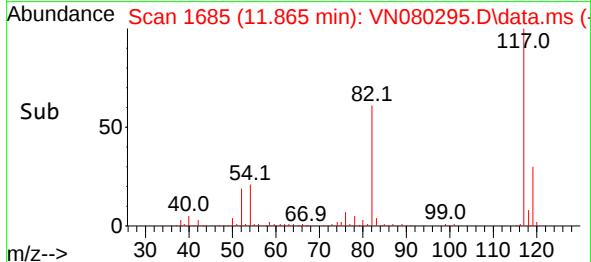
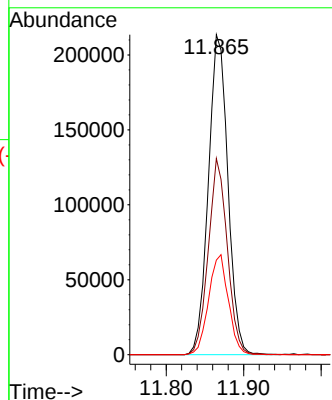
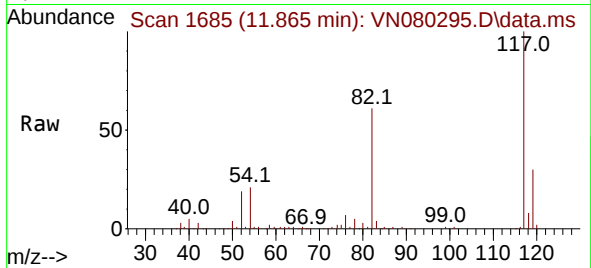




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080295.D
Acq: 28 Nov 2023 14:27

Instrument :
MSVOA_N
ClientSampleId :
DUP11272023

Tgt Ion:117 Resp: 373285
Ion Ratio Lower Upper
117 100
82 61.3 44.0 66.0
119 29.5 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: VN080295.D
Acq: 28 Nov 2023 14:27

Tgt Ion:152 Resp: 161888
Ion Ratio Lower Upper
152 100
115 66.1 32.3 96.8
150 159.2 0.0 355.8

