

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120123\
 Data File : VN080313.D
 Acq On : 01 Dec 2023 10:27
 Operator : JC\MD
 Sample : VN1201MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201MBL01

Quant Time: Dec 01 22:30:25 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	8.223	168	144523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	277220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129095	54.098	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.200%	
35) Dibromofluoromethane	8.165	113	103371	53.985	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.960%	
50) Toluene-d8	10.570	98	347787	50.385	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	12.853	95	130689	50.126	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.260%	

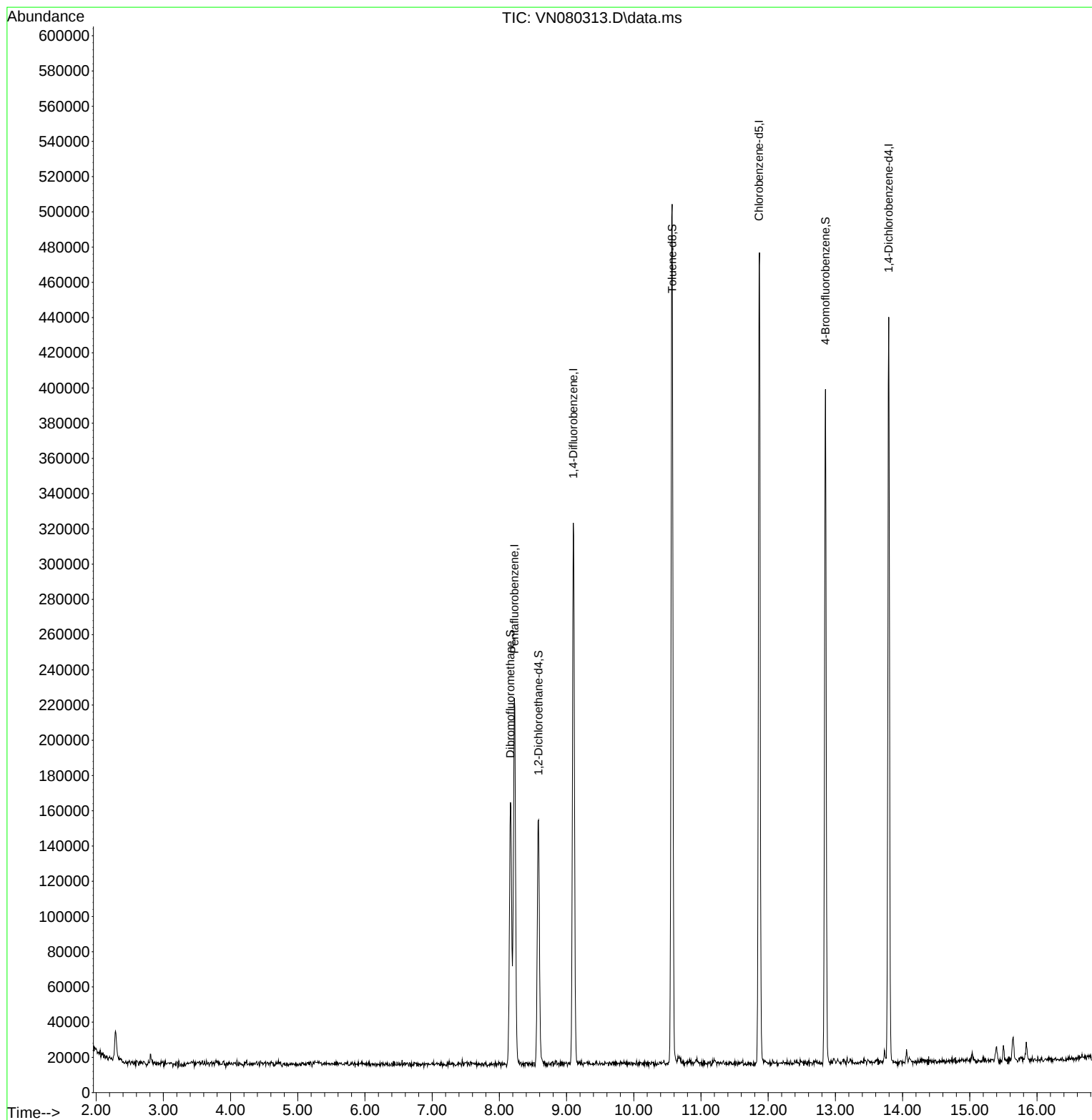
Target Compounds	Qvalue

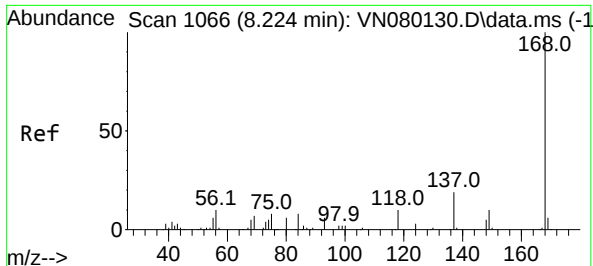
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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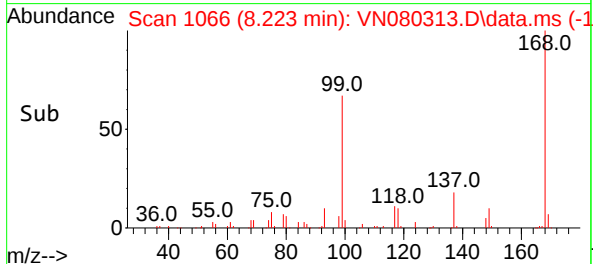
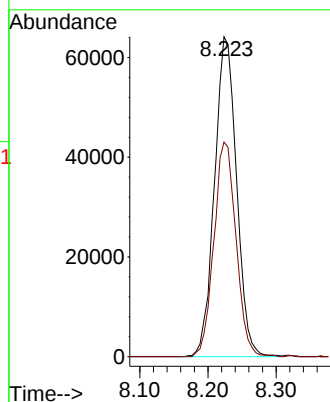
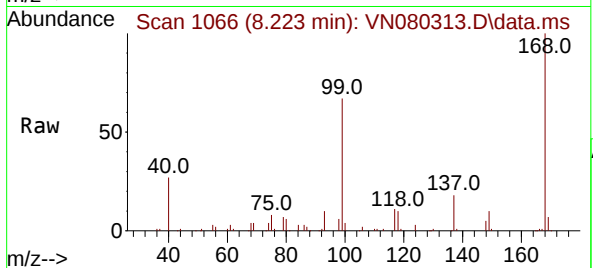




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VN080313.D
Acq: 01 Dec 2023 10:27

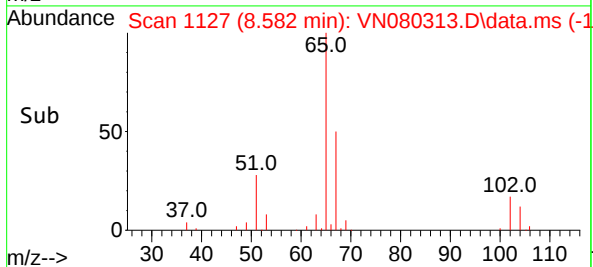
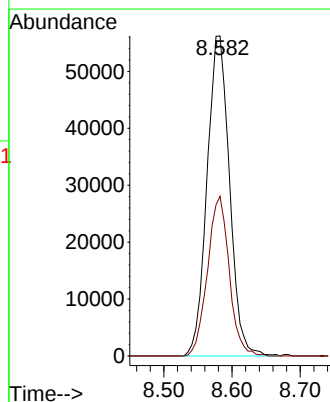
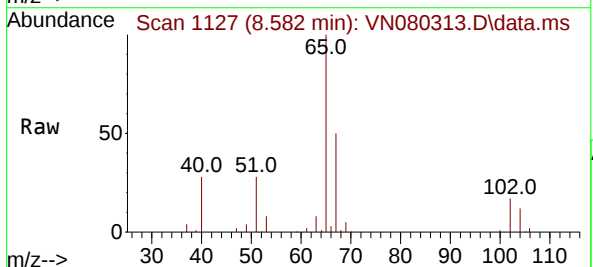
Instrument :
MSVOA_N
ClientSampleId :
VN1201MBL01

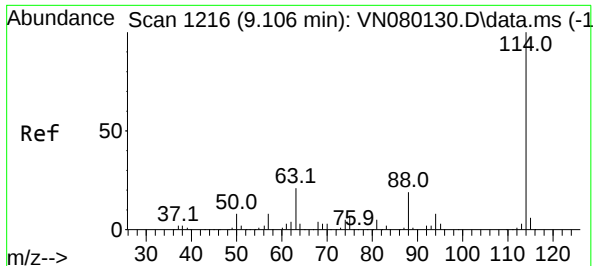
Tgt Ion:168 Resp: 144523
Ion Ratio Lower Upper
168 100
99 67.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.098 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080313.D
Acq: 01 Dec 2023 10:27

Tgt Ion: 65 Resp: 129095
Ion Ratio Lower Upper
65 100
67 48.1 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: VN080313.D

Acq: 01 Dec 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VN1201MBL01

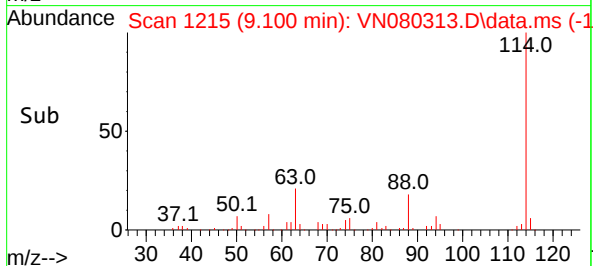
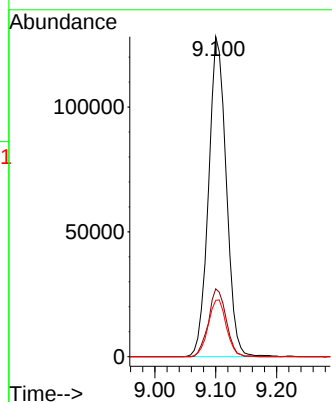
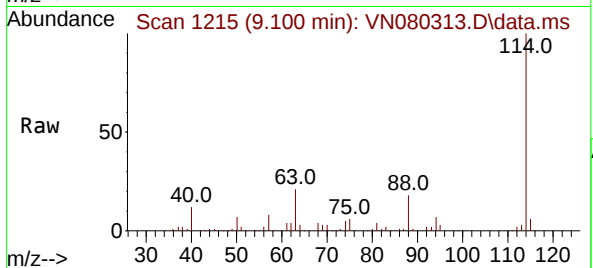
Tgt Ion:114 Resp: 259508

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.985 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080313.D

Acq: 01 Dec 2023 10:27

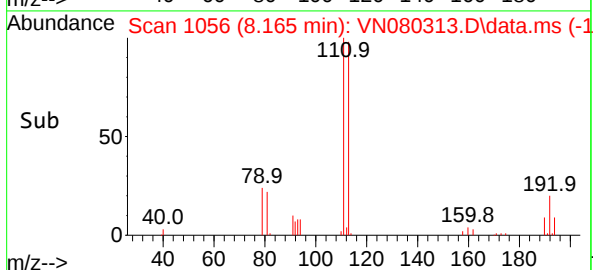
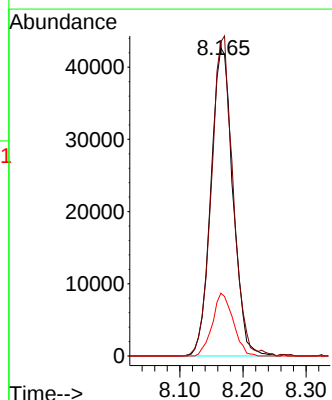
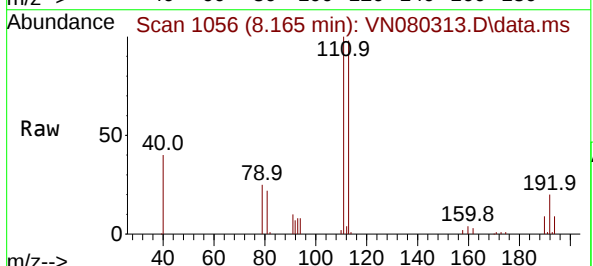
Tgt Ion:113 Resp: 103371

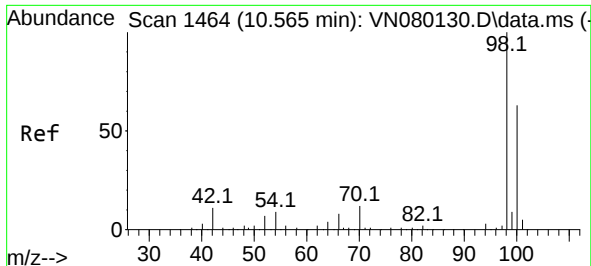
Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 19.2 12.7 19.1#

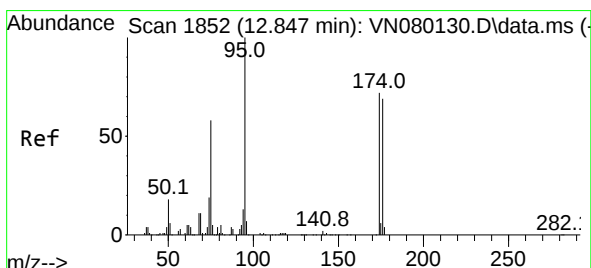
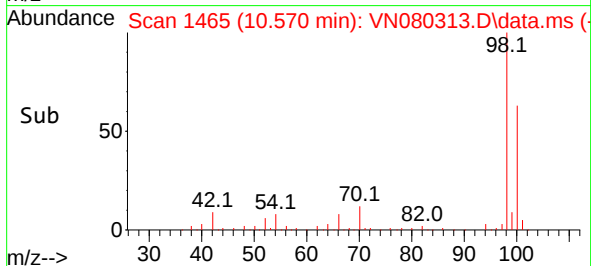
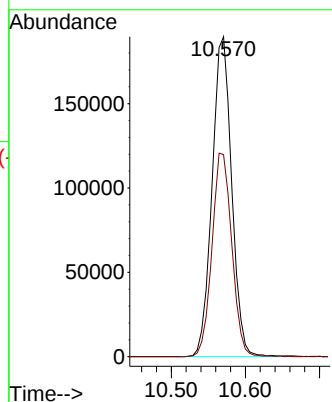
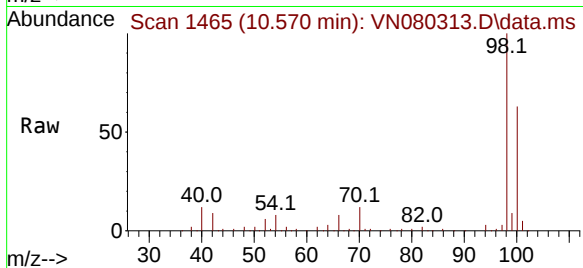




#50
Toluene-d8
Concen: 50.385 ug/l
RT: 10.570 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN080313.D
Acq: 01 Dec 2023 10:27

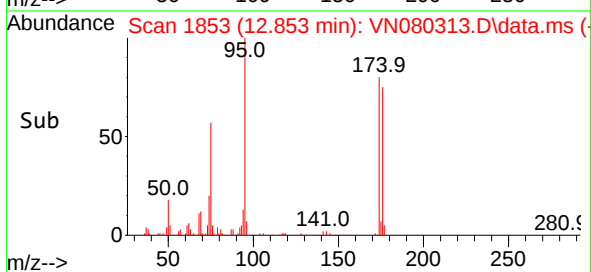
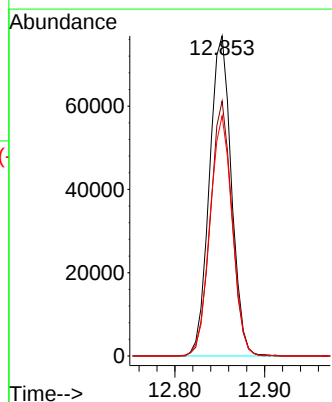
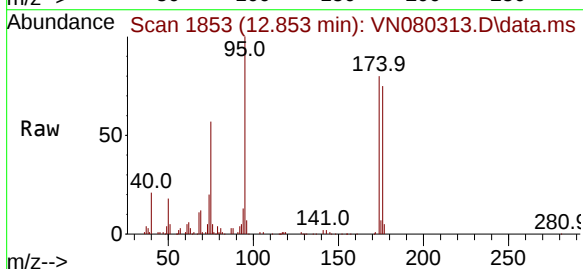
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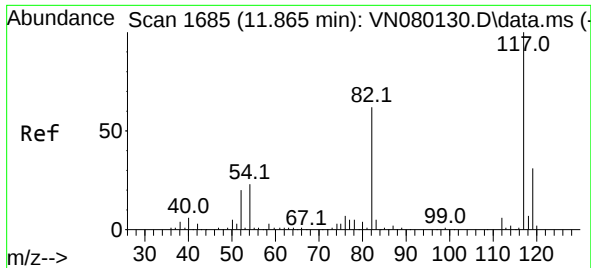
Tgt Ion: 98 Resp: 347787
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.126 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080313.D
Acq: 01 Dec 2023 10:27

Tgt Ion: 95 Resp: 130689
Ion Ratio Lower Upper
95 100
174 78.1 0.0 143.8
176 76.1 0.0 135.8

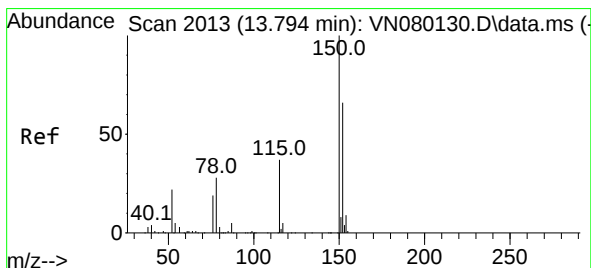
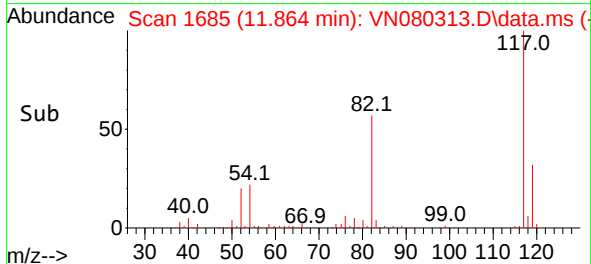
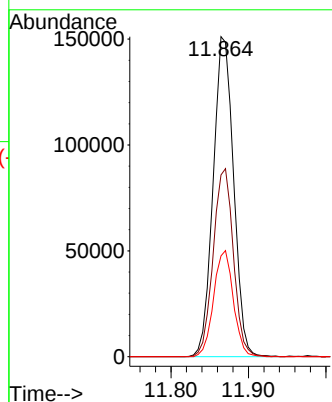
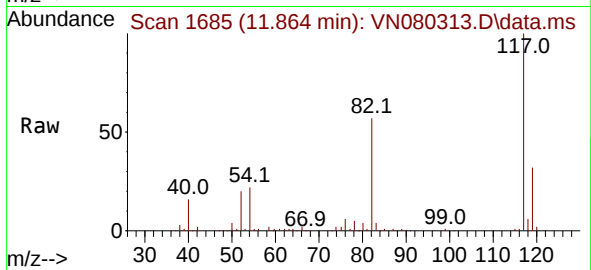




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080313.D
Acq: 01 Dec 2023 10:27

Instrument :
MSVOA_N
ClientSampleId :
VN1201MBL01

Tgt Ion:117 Resp: 277220
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 31.5 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: VN080313.D
Acq: 01 Dec 2023 10:27

Tgt Ion:152 Resp: 113833
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 156.3 0.0 355.8

