

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121523\
 Data File : VN080496.D
 Acq On : 15 Dec 2023 10:27
 Operator : JC\MD
 Sample : VN1215MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215MBL01

Quant Time: Dec 16 02:49:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	226693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	407169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	418088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142731	49.296	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.600%
35) Dibromofluoromethane	8.159	113	121172	46.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.880%
50) Toluene-d8	10.565	98	418917	43.510	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.020%
62) 4-Bromofluorobenzene	12.847	95	170458	46.624	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.240%

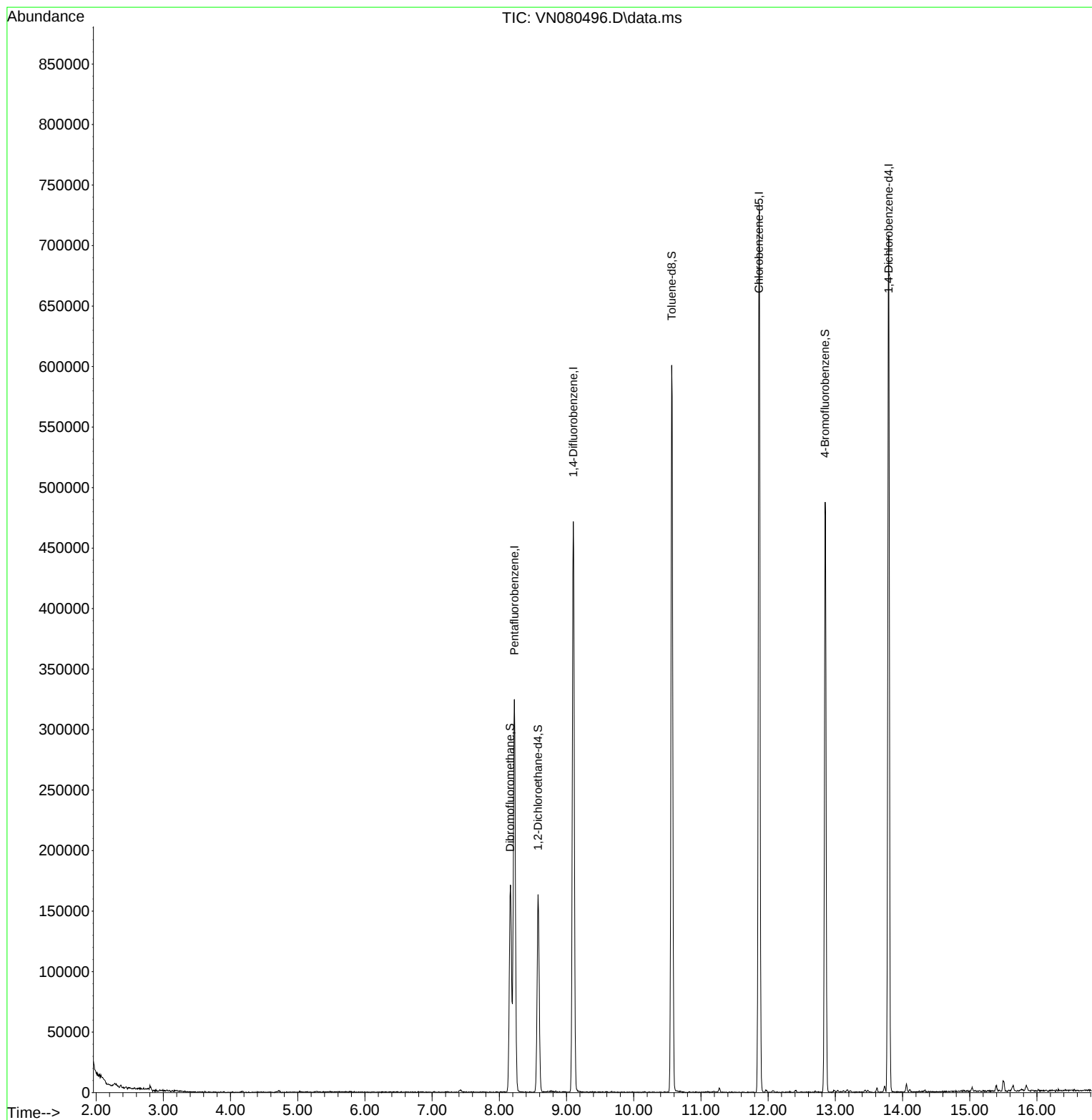
Target Compounds	Qvalue

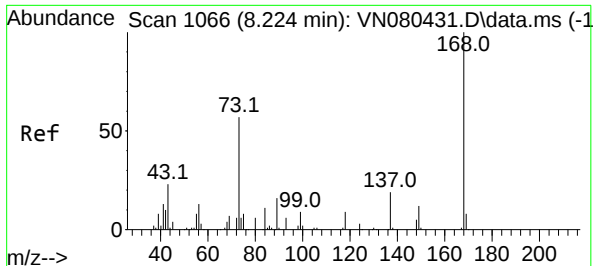
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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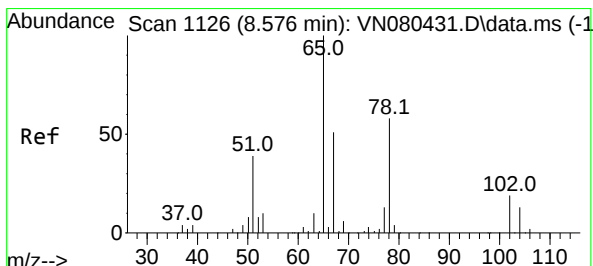
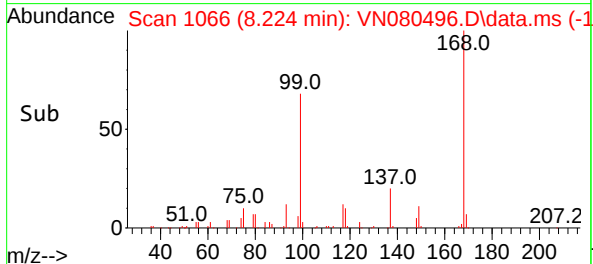
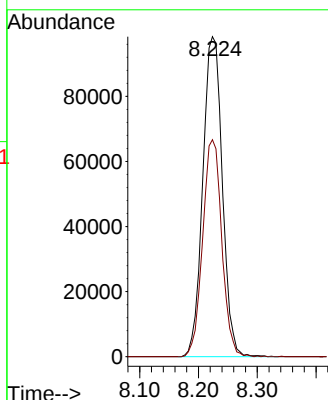
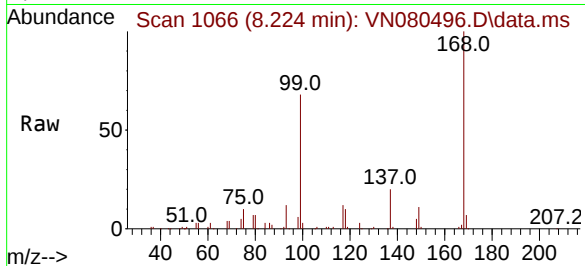




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080496.D
Acq: 15 Dec 2023 10:27

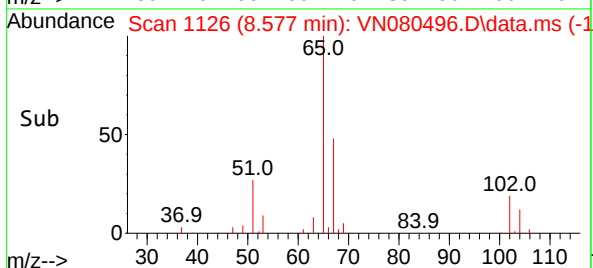
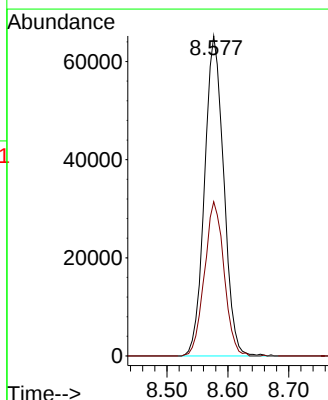
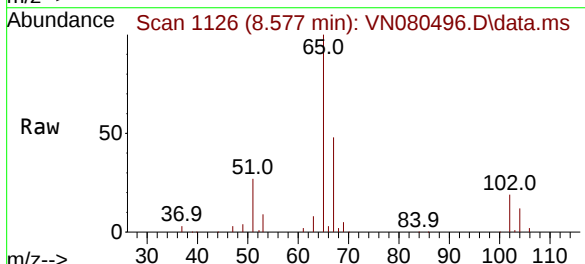
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBL01

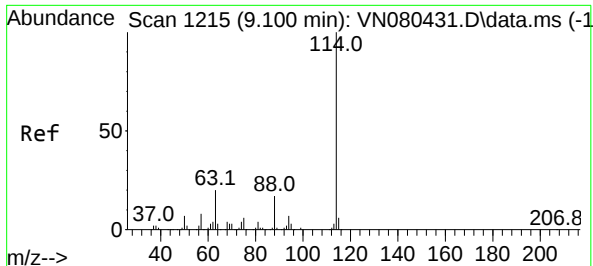
Tgt Ion:168 Resp: 226693
Ion Ratio Lower Upper
168 100
99 67.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.296 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080496.D
Acq: 15 Dec 2023 10:27

Tgt Ion: 65 Resp: 142731
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# 1

Delta R.T. 0.000 min

Lab File: VN080496.D

Acq: 15 Dec 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VN1215MBL01

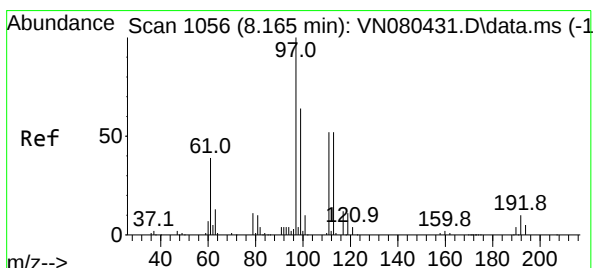
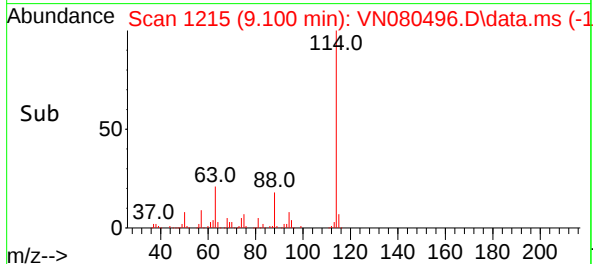
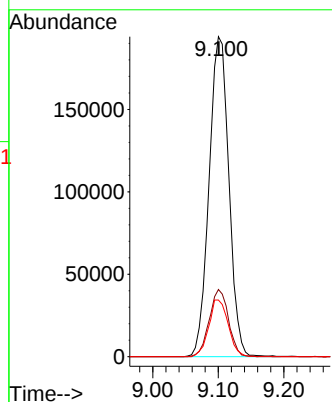
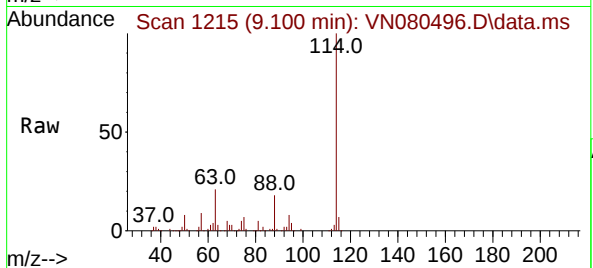
Tgt Ion:114 Resp: 407169

Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 17.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.937 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN080496.D

Acq: 15 Dec 2023 10:27

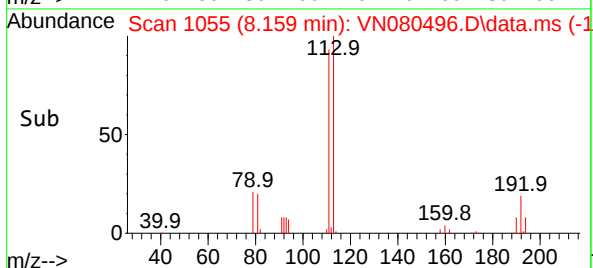
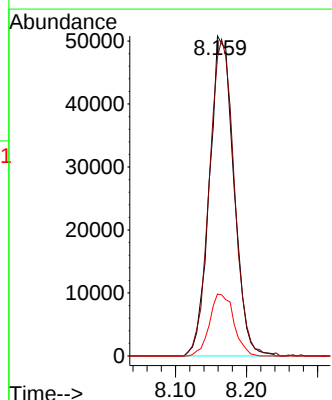
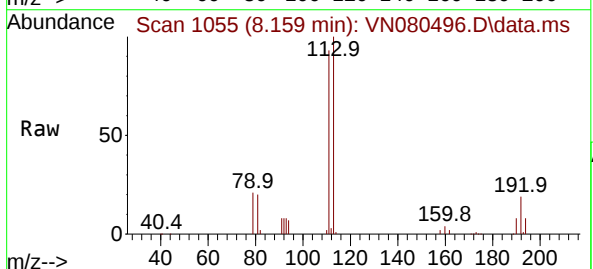
Tgt Ion:113 Resp: 121172

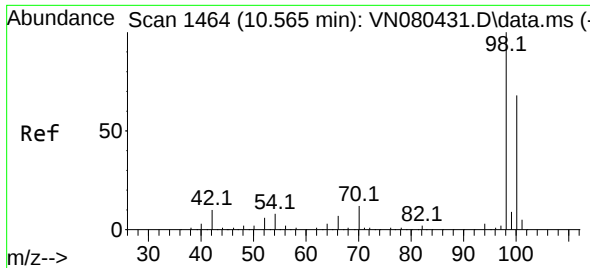
Ion Ratio Lower Upper

113 100

111 100.6 82.6 123.8

192 19.2 12.7 19.1#

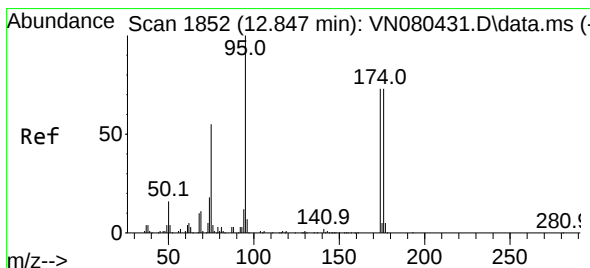
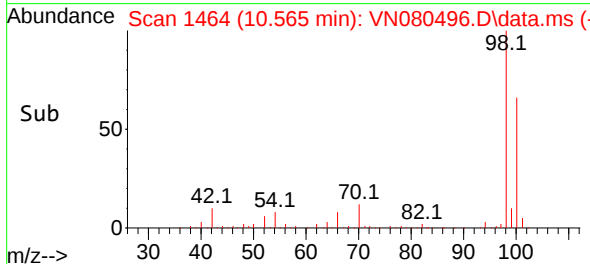
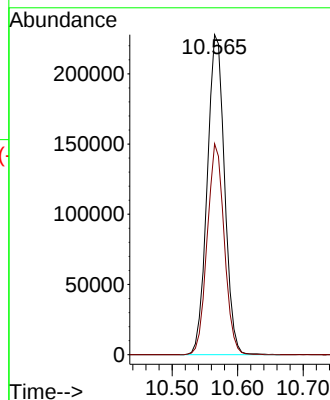
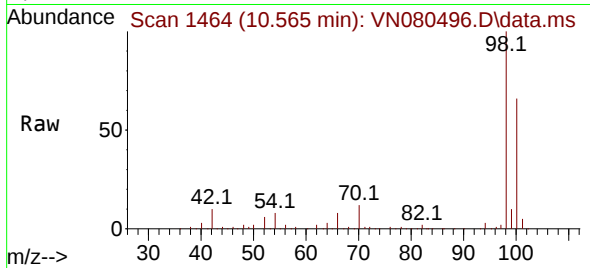




#50
Toluene-d8
Concen: 43.510 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080496.D
Acq: 15 Dec 2023 10:27

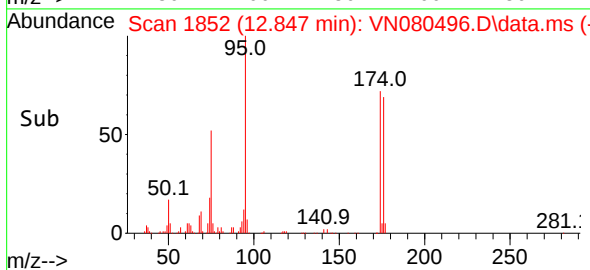
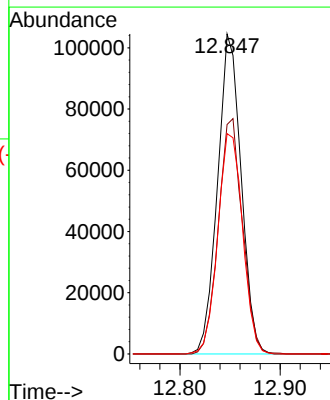
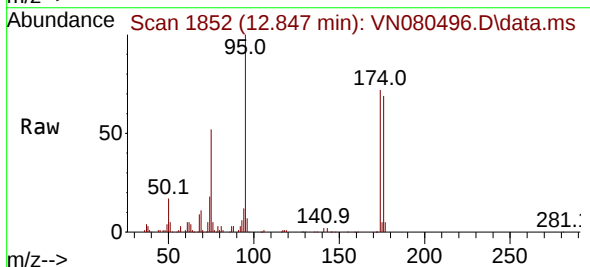
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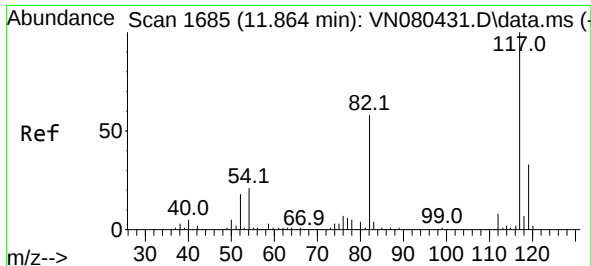
Tgt Ion: 98 Resp: 418917
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.624 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080496.D
Acq: 15 Dec 2023 10:27

Tgt Ion: 95 Resp: 170458
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 72.5 0.0 135.8

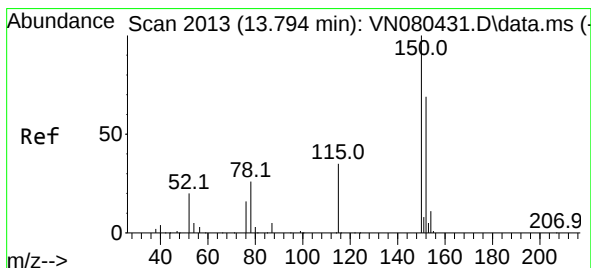
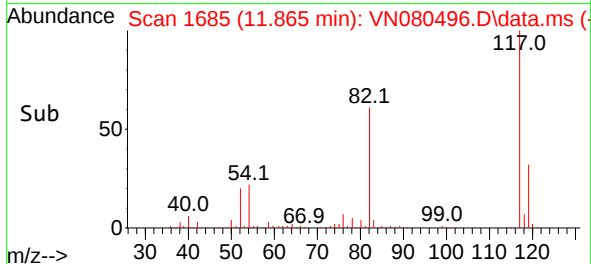
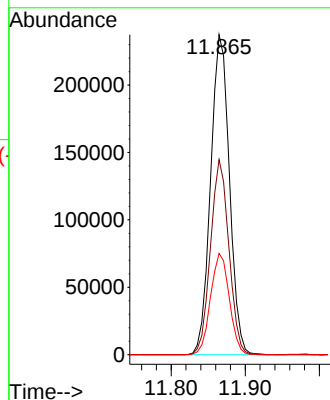
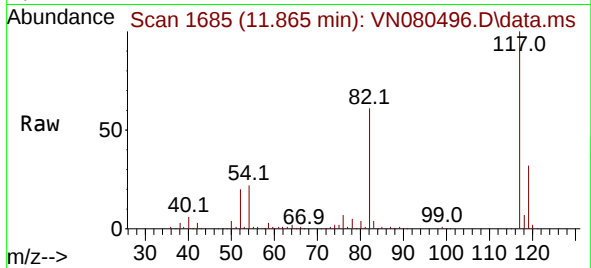




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080496.D
Acq: 15 Dec 2023 10:27

Instrument :
MSVOA_N
ClientSampleId :
VN1215MBL01

Tgt Ion:117 Resp: 418088
Ion Ratio Lower Upper
117 100
82 60.9 44.0 66.0
119 31.6 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: VN080496.D
Acq: 15 Dec 2023 10:27

Tgt Ion:152 Resp: 189274
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 156.1 0.0 355.8

