

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080403.D
 Acq On : 08 Dec 2023 13:49
 Operator : JC\MD
 Sample : VN1208MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208MBL01

Quant Time: Dec 08 22:37:12 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	145657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	287670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125775	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	132252	54.990	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.980%
35) Dibromofluoromethane	8.171	113	103990	53.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.140%
50) Toluene-d8	10.571	98	349196	49.900	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.853	95	135198	51.149	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.300%

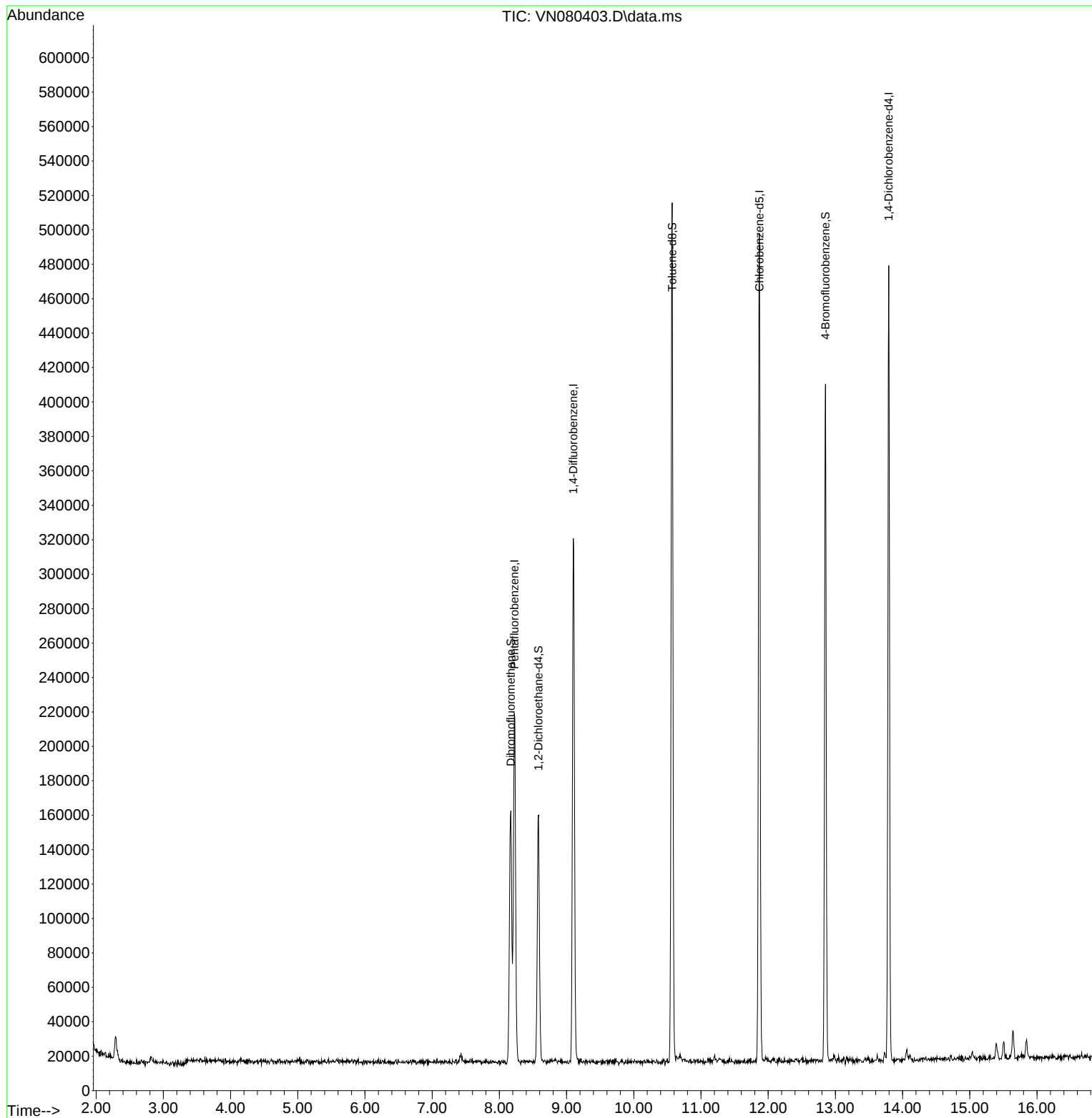
Target Compounds	Qvalue

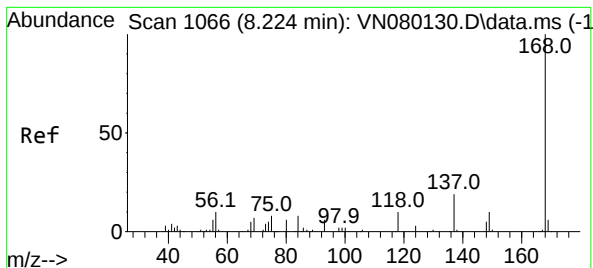
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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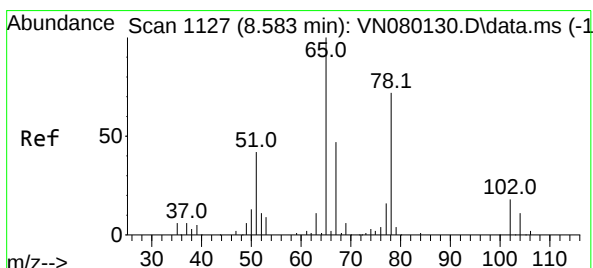
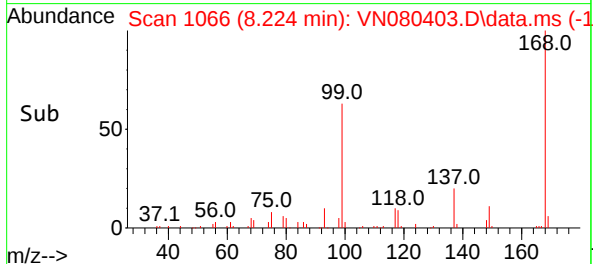
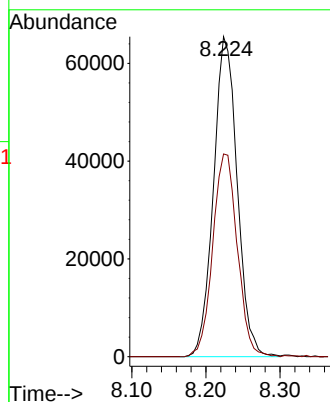
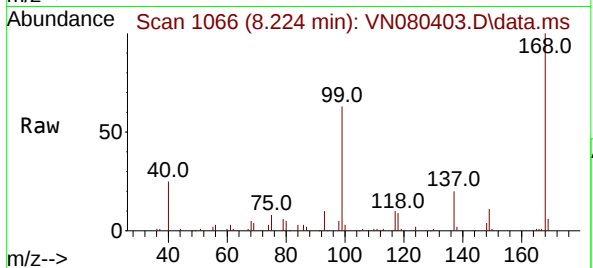




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080403.D
Acq: 08 Dec 2023 13:49

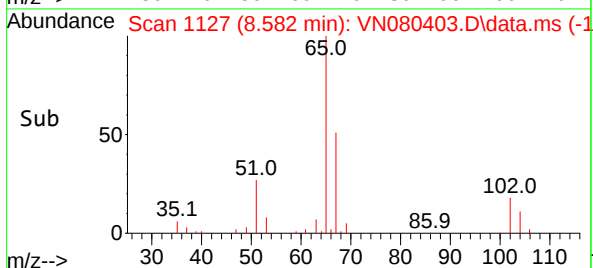
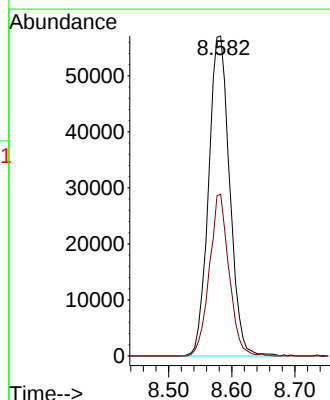
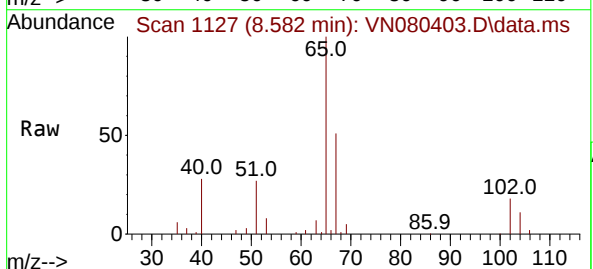
Instrument :
MSVOA_N
ClientSampleId :
VN1208MBL01

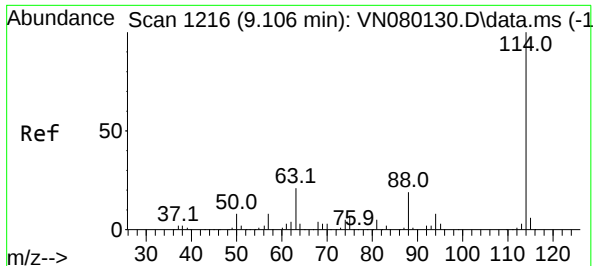
Tgt Ion:168 Resp: 145657
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.990 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080403.D
Acq: 08 Dec 2023 13:49

Tgt Ion: 65 Resp: 132252
Ion Ratio Lower Upper
65 100
67 47.2 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: VN080403.D

Acq: 08 Dec 2023 13:49

Instrument :

MSVOA_N

ClientSampleId :

VN1208MBL01

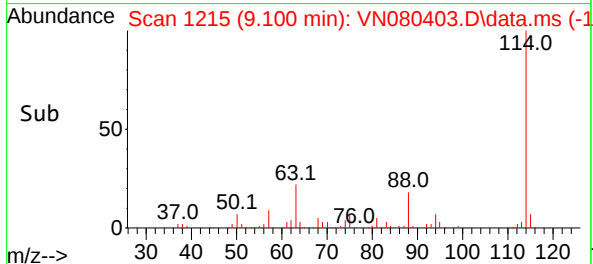
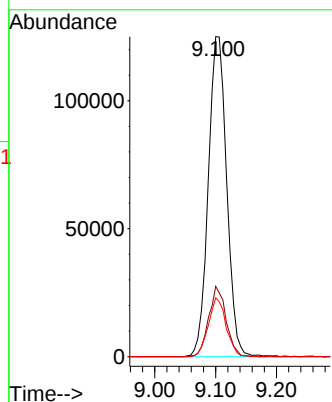
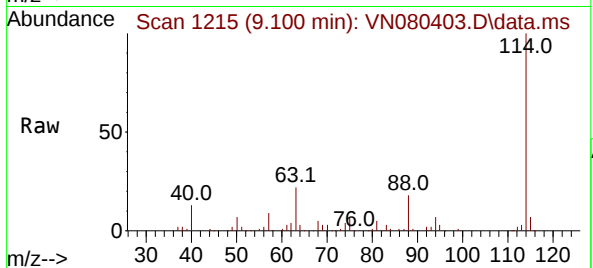
Tgt Ion:114 Resp: 263092

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 18.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.568 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080403.D

Acq: 08 Dec 2023 13:49

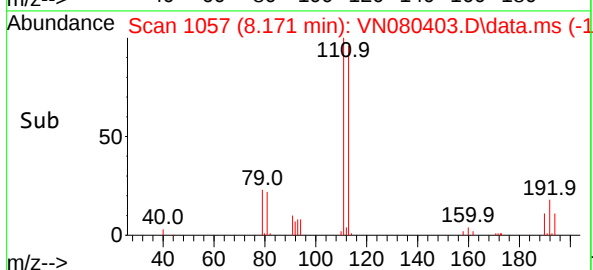
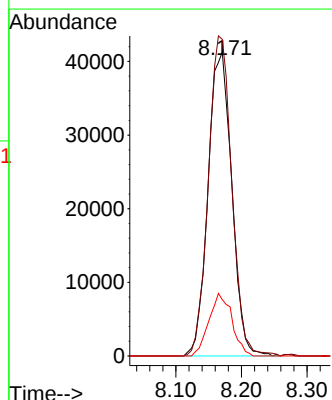
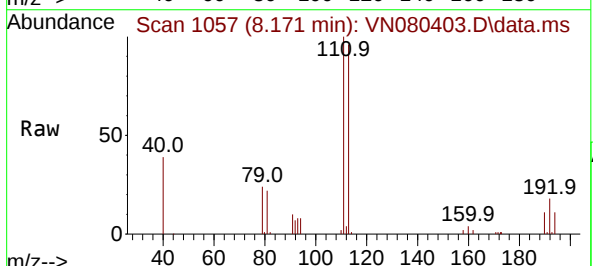
Tgt Ion:113 Resp: 103990

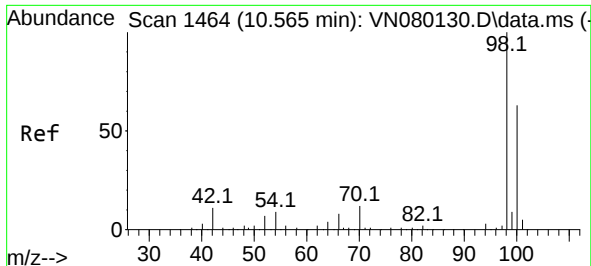
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 19.9 12.7 19.1#

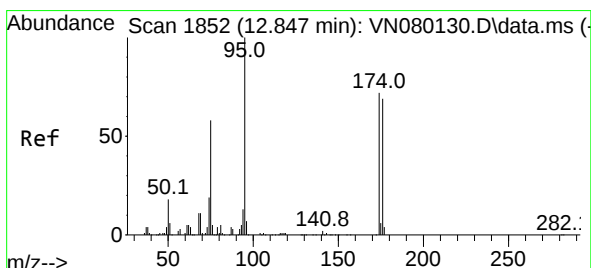
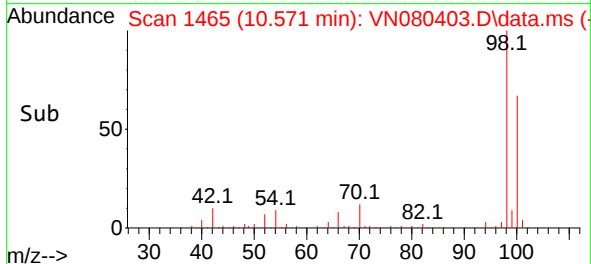
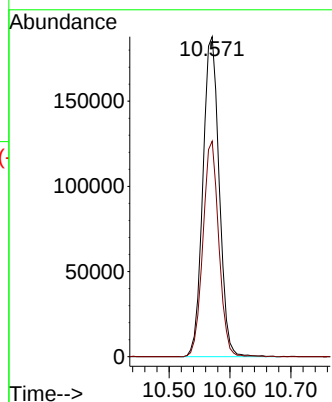
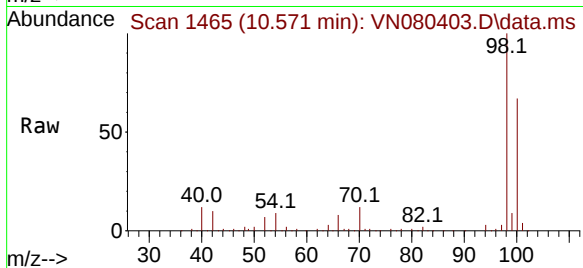




#50
Toluene-d8
Concen: 49.900 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080403.D
Acq: 08 Dec 2023 13:49

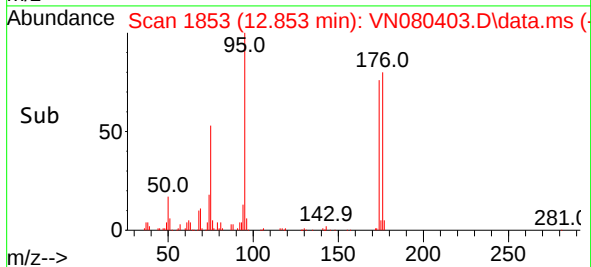
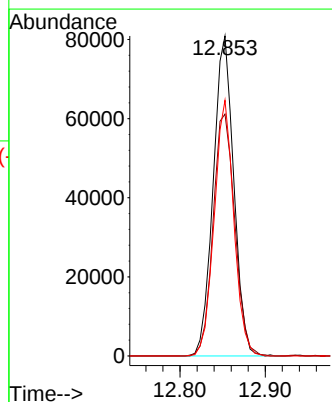
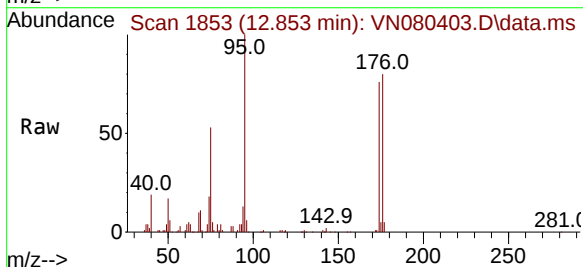
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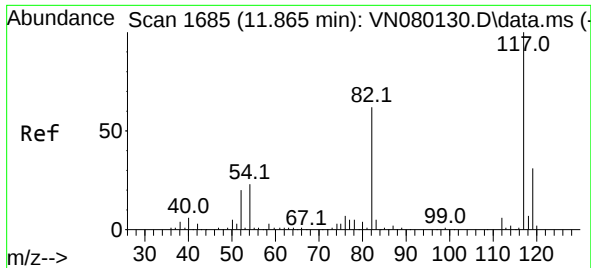
Tgt Ion: 98 Resp: 349196
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.149 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080403.D
Acq: 08 Dec 2023 13:49

Tgt Ion: 95 Resp: 135198
Ion Ratio Lower Upper
95 100
174 80.1 0.0 143.8
176 76.6 0.0 135.8

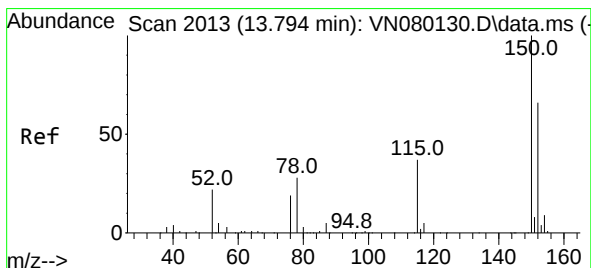
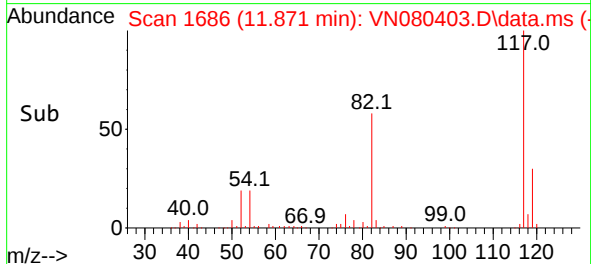
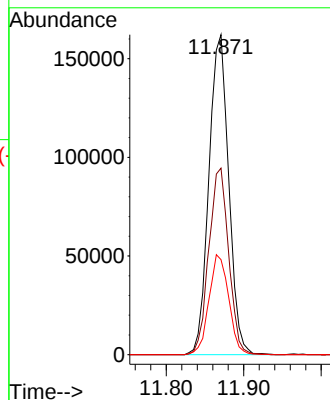
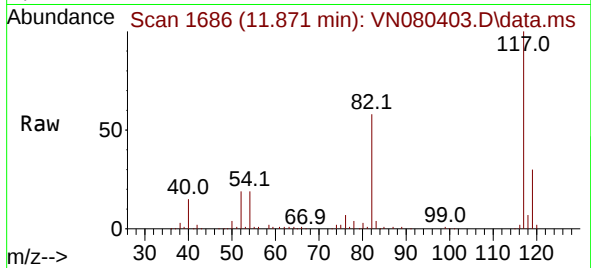




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080403.D
Acq: 08 Dec 2023 13:49

Instrument :
MSVOA_N
ClientSampleId :
VN1208MBL01

Tgt Ion:117 Resp: 287670
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 29.7 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: VN080403.D
Acq: 08 Dec 2023 13:49

Tgt Ion:152 Resp: 125775
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 157.1 0.0 355.8

