

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080284.D
 Acq On : 27 Nov 2023 18:46
 Operator : JC\MD
 Sample : 05551-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB11272023

Quant Time: Nov 28 02:10:55 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	8.229	168	163574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140813	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149538	55.367	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.740%
35) Dibromofluoromethane	8.171	113	118464	53.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.900%
50) Toluene-d8	10.570	98	402243	50.345	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.853	95	153690	50.927	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.860%

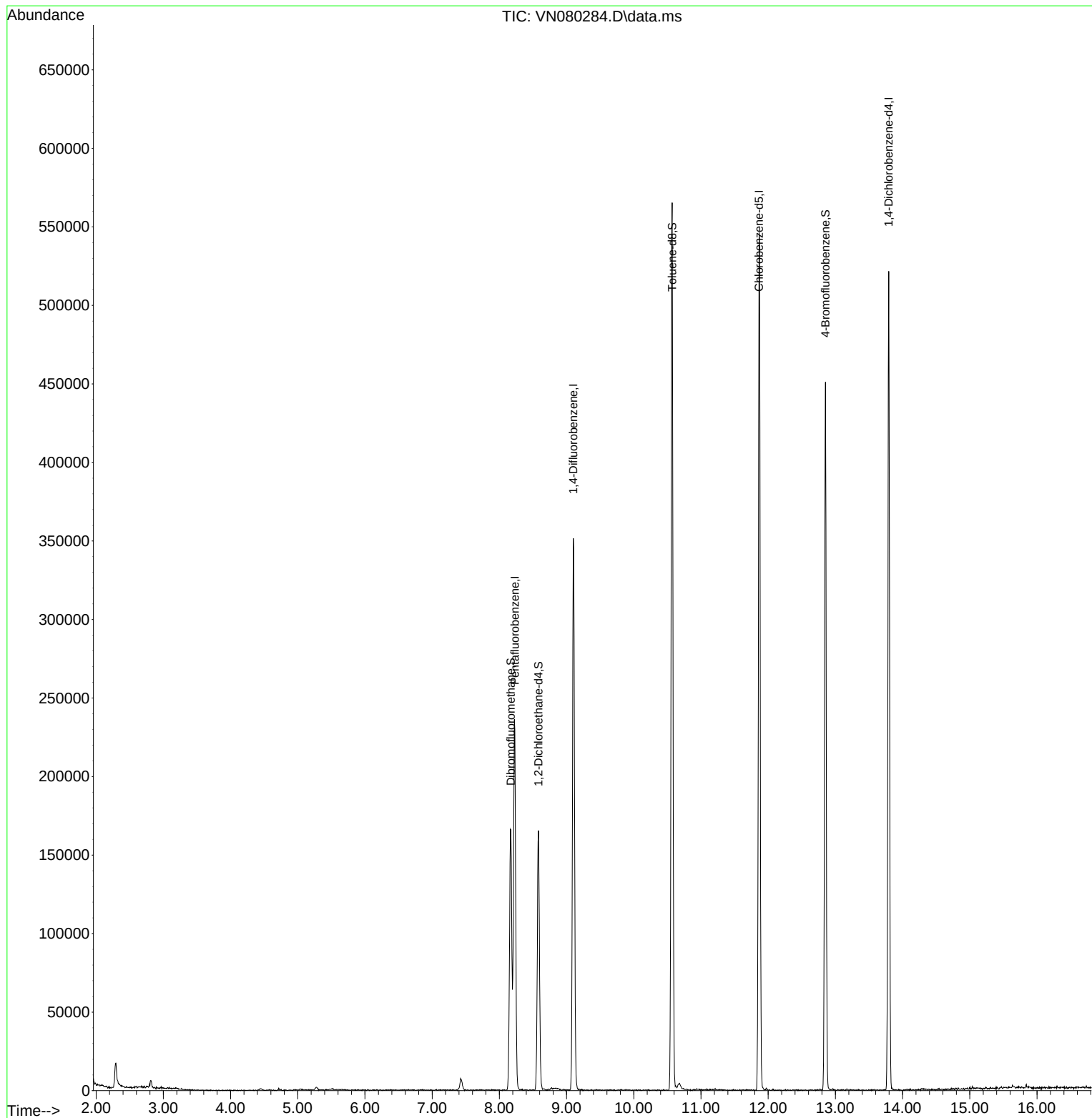
Target Compounds	Qvalue

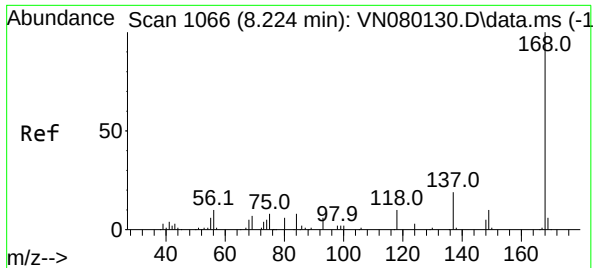
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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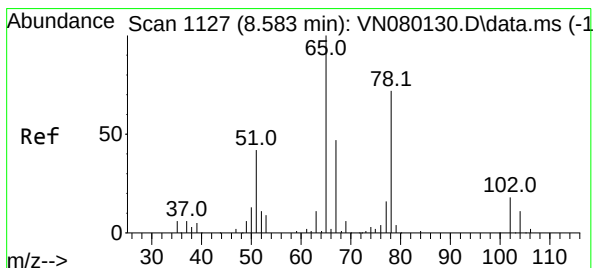
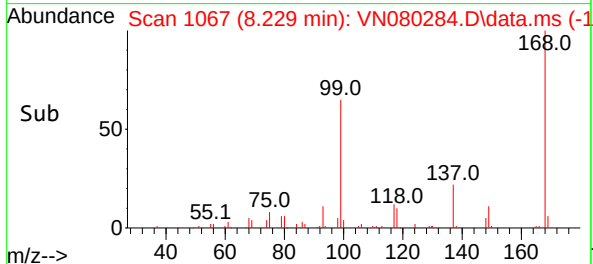
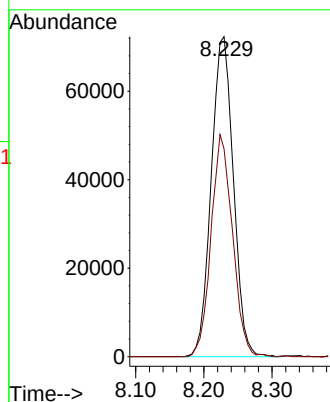
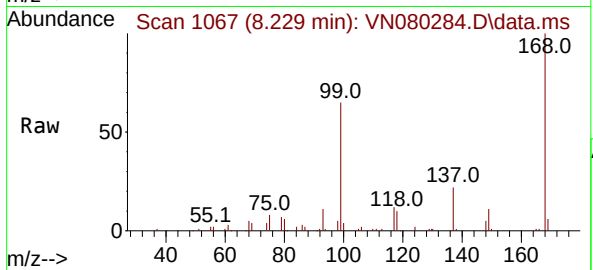




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

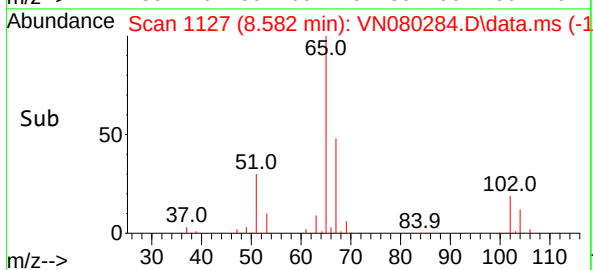
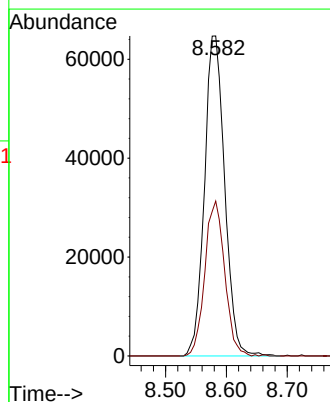
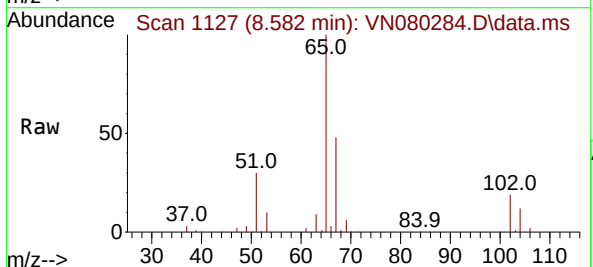
Instrument :
MSVOA_N
ClientSampleId :
FB11272023

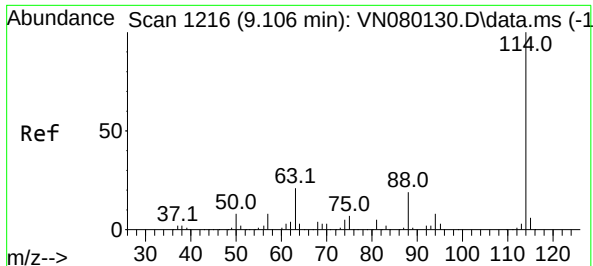
Tgt Ion:168 Resp: 163574
Ion Ratio Lower Upper
168 100
99 64.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.367 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

Tgt Ion: 65 Resp: 149538
Ion Ratio Lower Upper
65 100
67 47.4 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: VN080284.D

Acq: 27 Nov 2023 18:46

Instrument :

MSVOA_N

ClientSampleId :

FB11272023

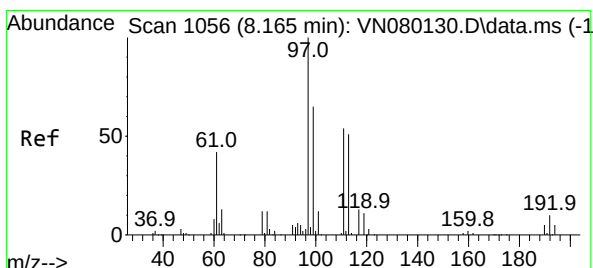
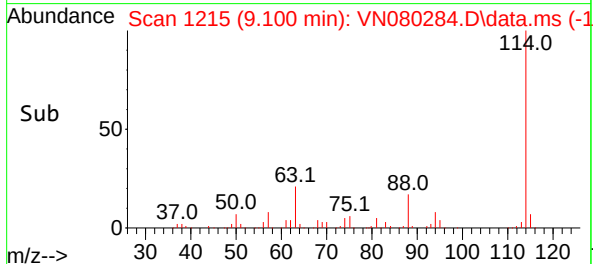
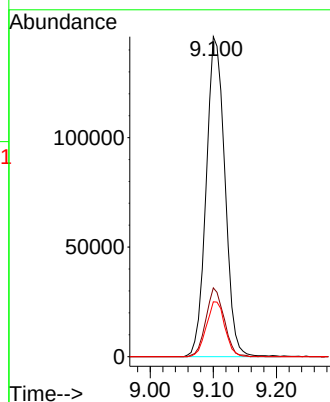
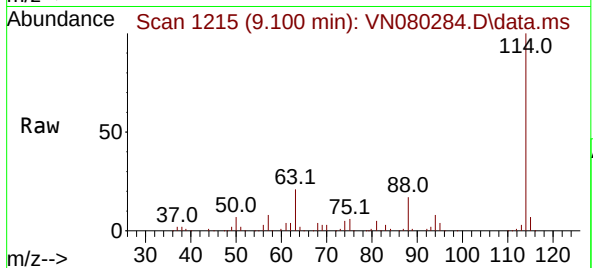
Tgt Ion:114 Resp: 300383

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 17.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.448 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080284.D

Acq: 27 Nov 2023 18:46

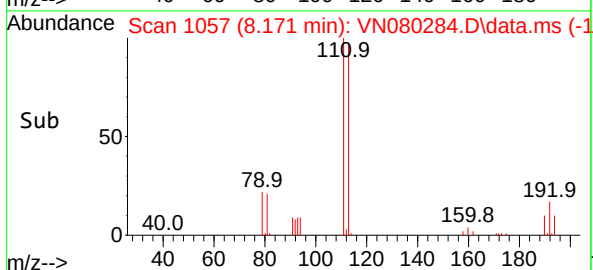
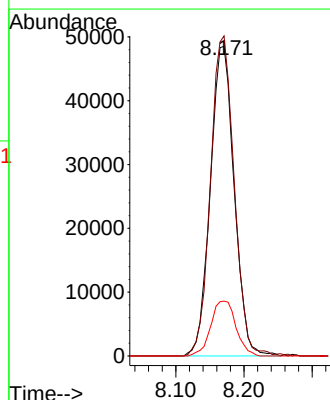
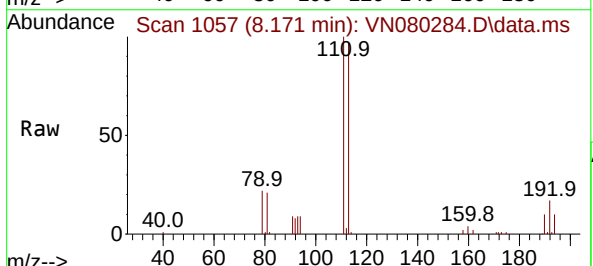
Tgt Ion:113 Resp: 118464

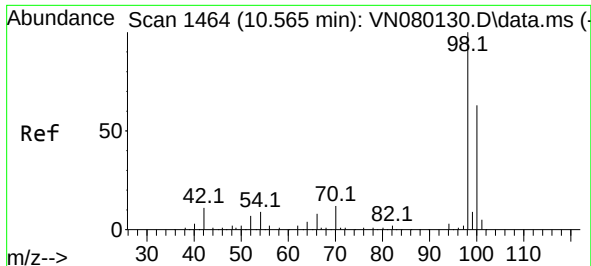
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 18.7 12.7 19.1

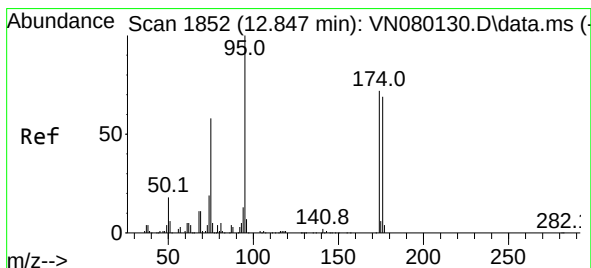
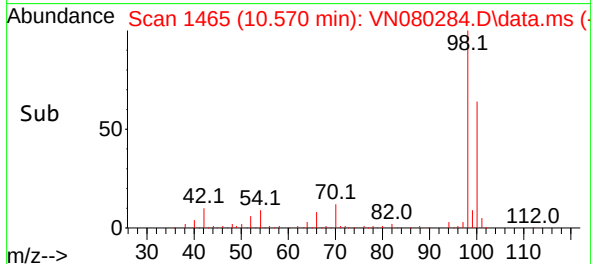
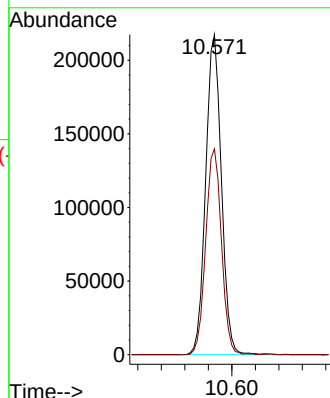
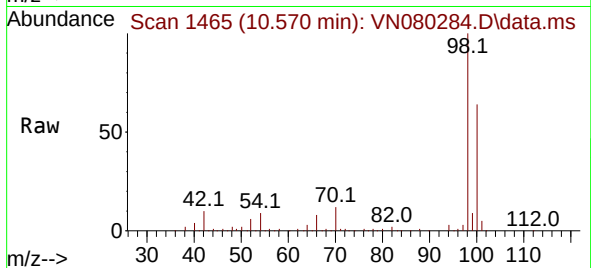




#50
Toluene-d8
Concen: 50.345 ug/l
RT: 10.570 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

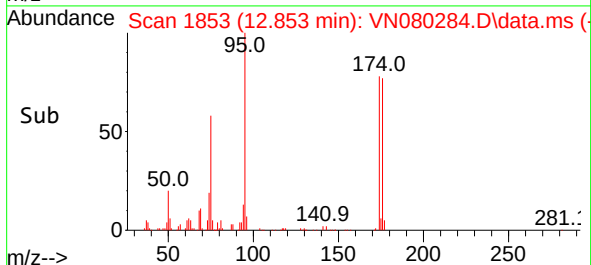
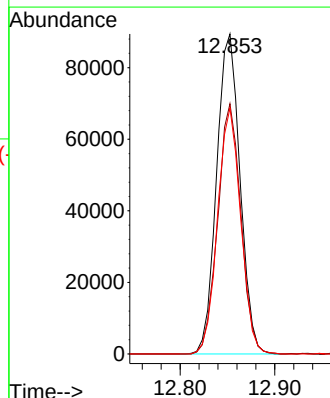
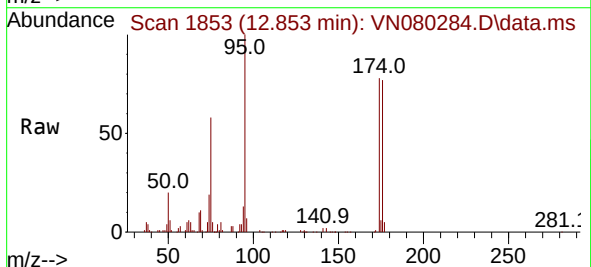
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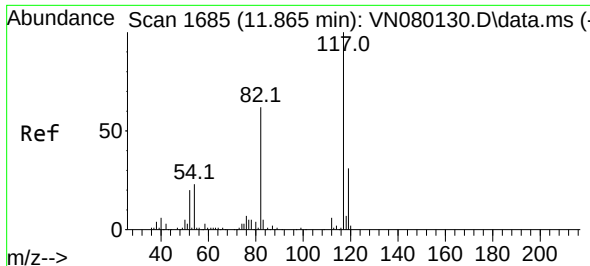
Tgt Ion: 98 Resp: 402243
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.927 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

Tgt Ion: 95 Resp: 153690
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.8
176 75.8 0.0 135.8

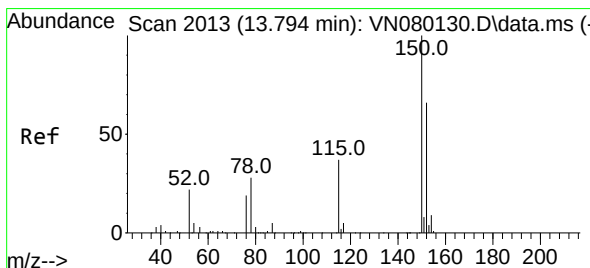
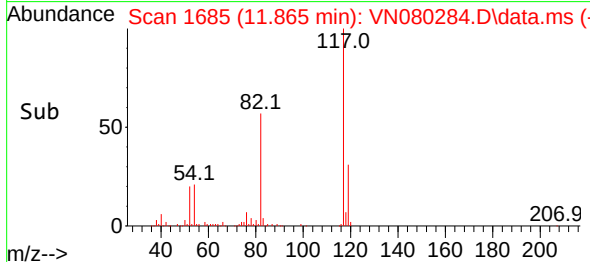
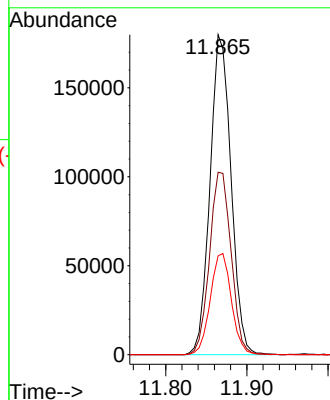
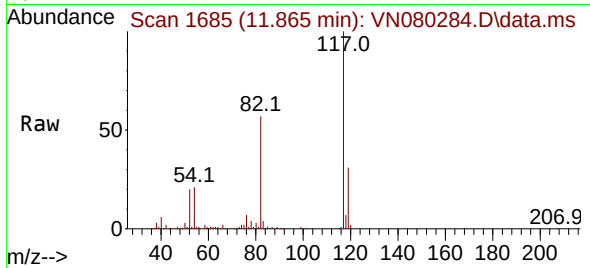




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080284.D
Acq: 27 Nov 2023 18:46

Instrument :
MSVOA_N
ClientSampleId :
FB11272023

Tgt Ion:117 Resp: 323228
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 30.9 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: VN080284.D
Acq: 27 Nov 2023 18:46

Tgt Ion:152 Resp: 140813
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 156.5 0.0 355.8

