

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122923\
 Data File : VN080605.D
 Acq On : 29 Dec 2023 10:23
 Operator : JC\MD
 Sample : VN1229WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBL01

Quant Time: Dec 29 23:37:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	388605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	830773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	723496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	319322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	223769	44.891	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.780%
35) Dibromofluoromethane	8.165	113	201338	37.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	74.940%#
50) Toluene-d8	10.571	98	660404	35.202	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	70.400%#
62) 4-Bromofluorobenzene	12.853	95	300285	47.561	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.120%

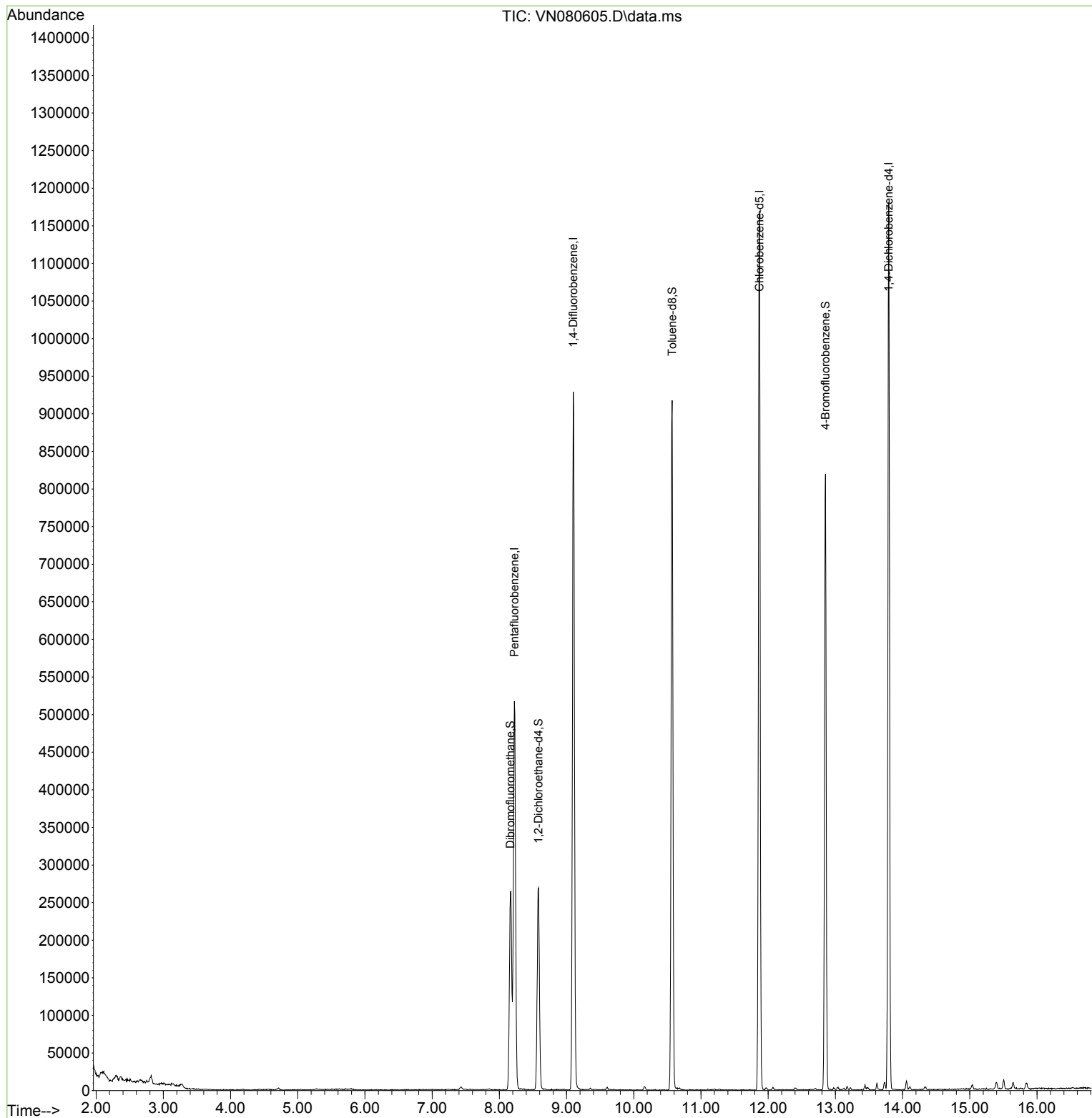
Target Compounds	Qvalue

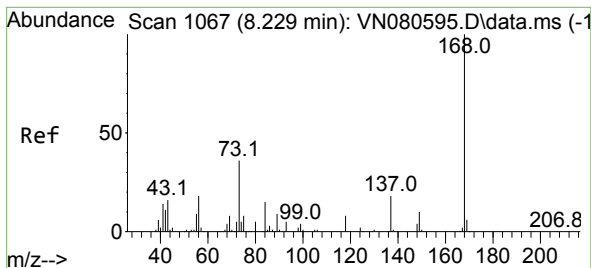
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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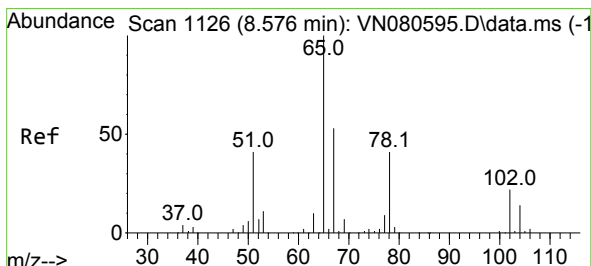
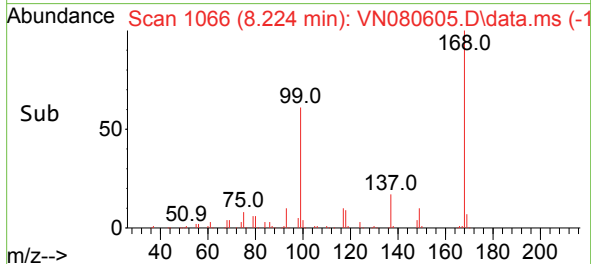
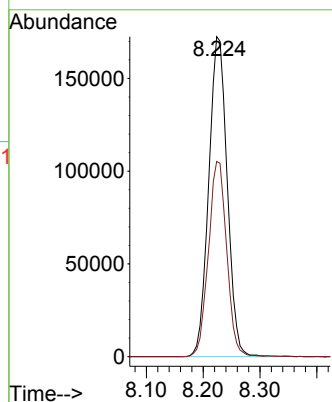
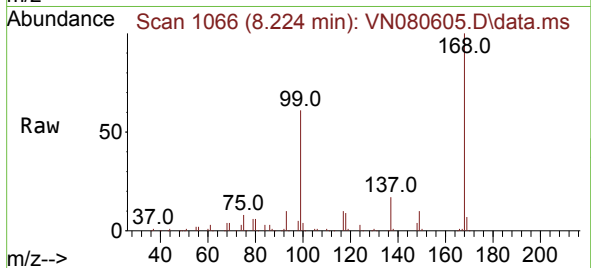




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN080605.D
Acq: 29 Dec 2023 10:23

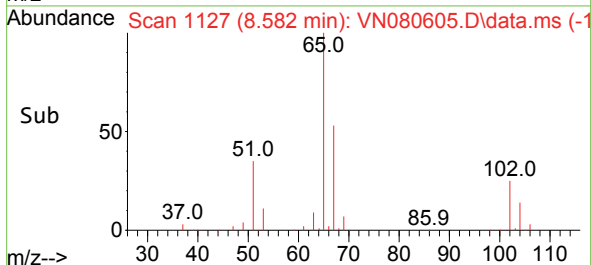
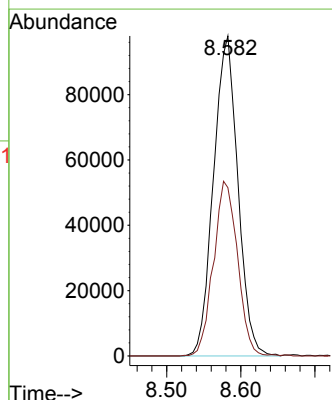
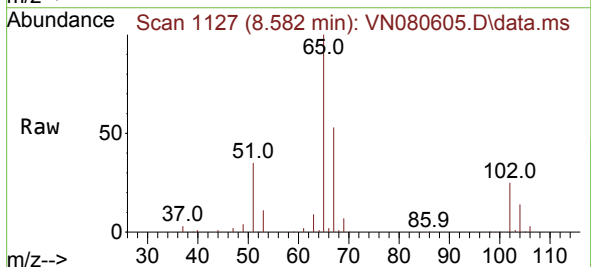
Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL01

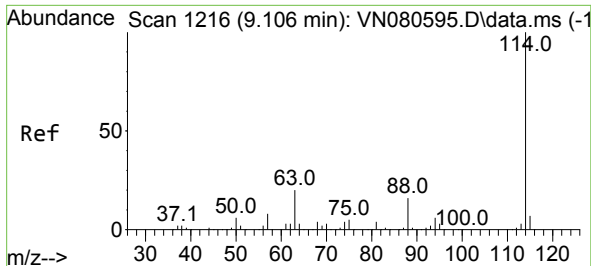
Tgt Ion:168 Resp: 388605
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.891 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080605.D
Acq: 29 Dec 2023 10:23

Tgt Ion: 65 Resp: 223769
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080605.D

Acq: 29 Dec 2023 10:23

Instrument :

MSVOA_N

ClientSampleId :

VN1229WBL01

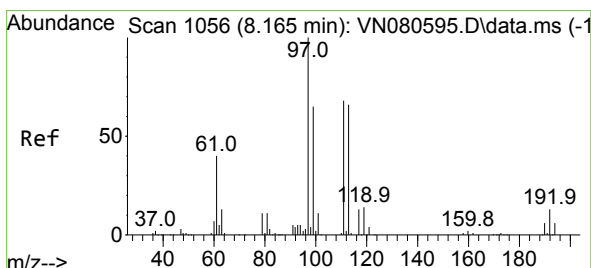
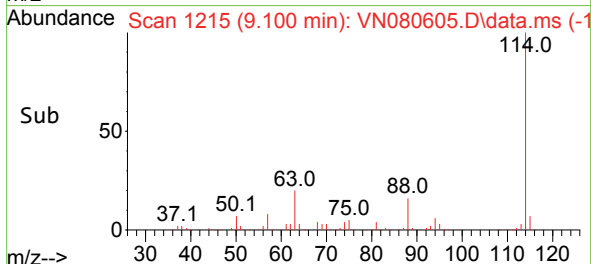
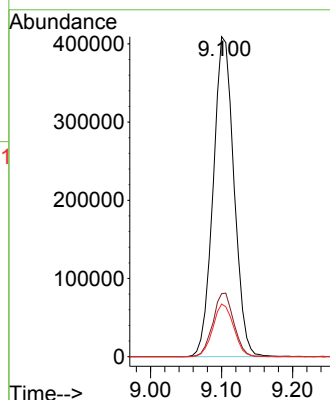
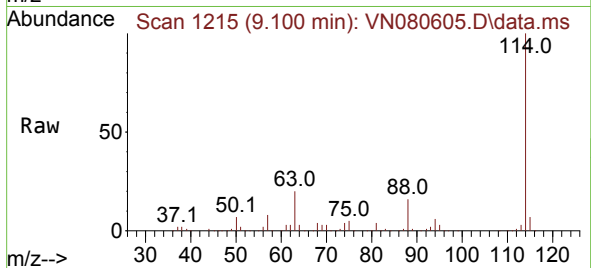
Tgt Ion:114 Resp: 830773

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 16.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 37.472 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080605.D

Acq: 29 Dec 2023 10:23

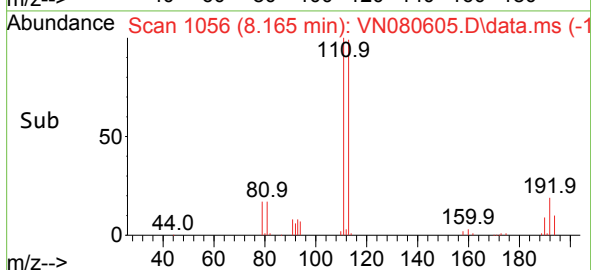
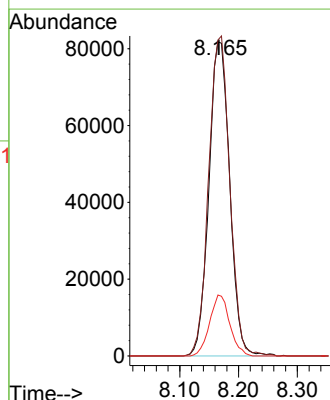
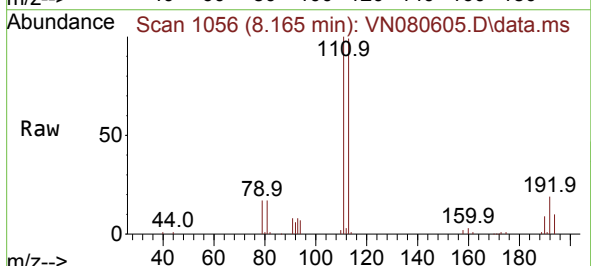
Tgt Ion:113 Resp: 201338

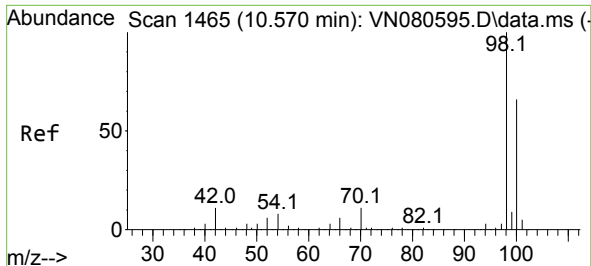
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 18.8 12.7 19.1

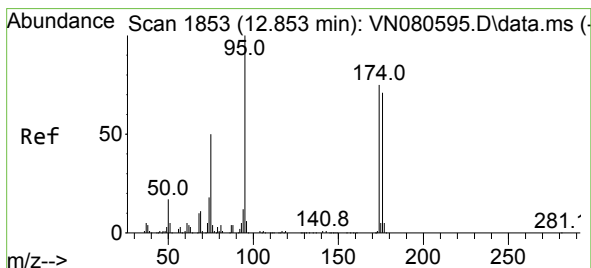
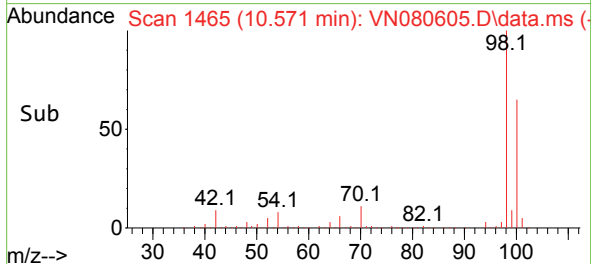
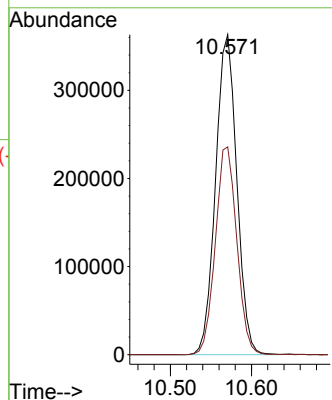
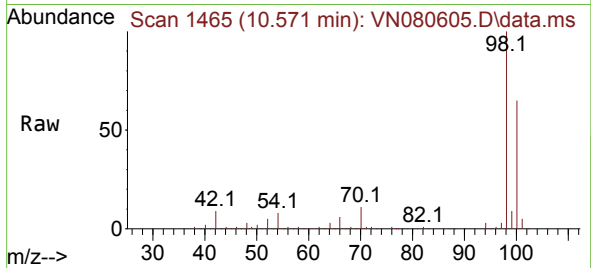




#50
Toluene-d8
Concen: 35.202 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080605.D
Acq: 29 Dec 2023 10:23

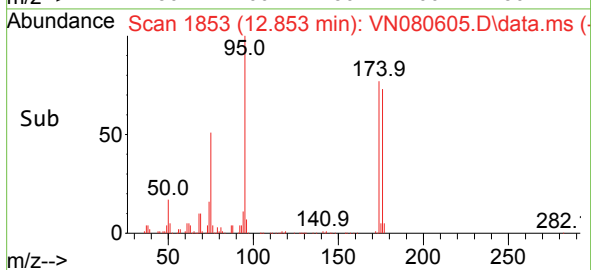
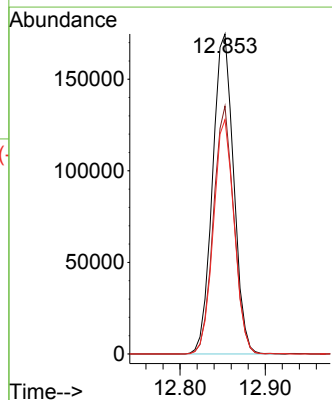
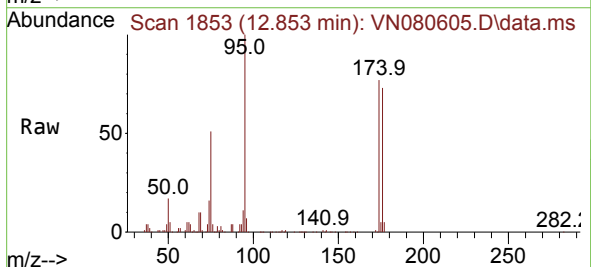
Instrument :
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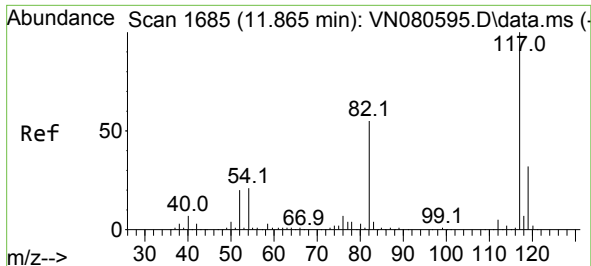
Tgt Ion: 98 Resp: 660404
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.561 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080605.D
Acq: 29 Dec 2023 10:23

Tgt Ion: 95 Resp: 300285
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 72.0 0.0 135.8

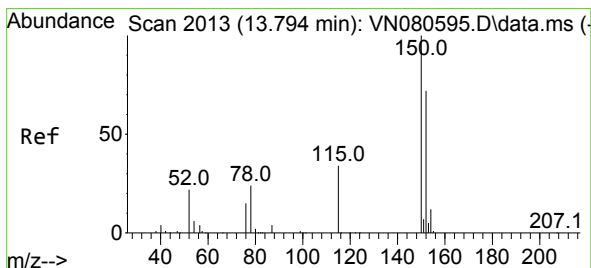
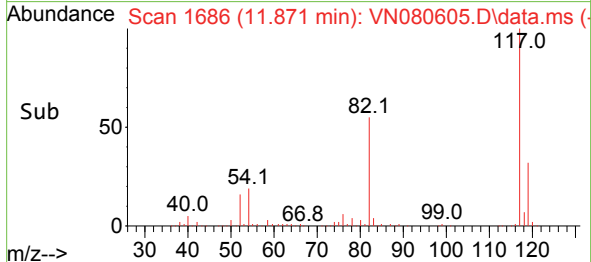
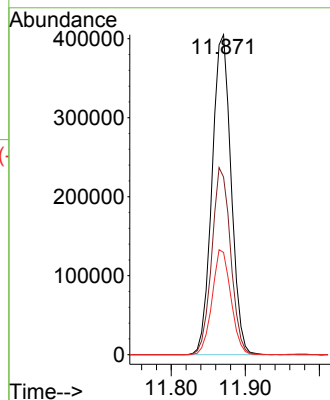
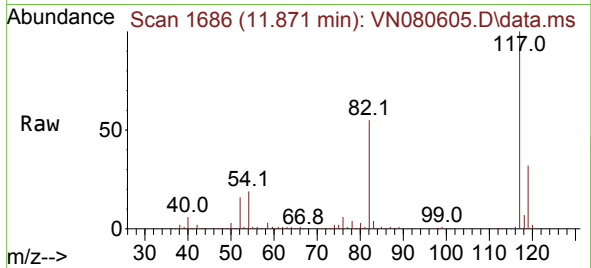




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080605.D
Acq: 29 Dec 2023 10:23

Instrument :
MSVOA_N
ClientSampleId :
VN1229WBL01

Tgt Ion:117 Resp: 723496
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 31.9 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: VN080605.D
Acq: 29 Dec 2023 10:23

Tgt Ion:152 Resp: 319322
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 156.3 0.0 355.8

