

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078344.D
 Acq On : 22 Jun 2023 12:42
 Operator : JC\MD
 Sample : VN0622MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622MBL01

Quant Time: Jun 22 17:01:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	484946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	898745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	780337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	246685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	323380	50.014	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.020%
35) Dibromofluoromethane	8.171	113	305115	53.692	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.380%
50) Toluene-d8	10.571	98	1004649	45.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.720%
62) 4-Bromofluorobenzene	12.853	95	329071	48.319	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.640%

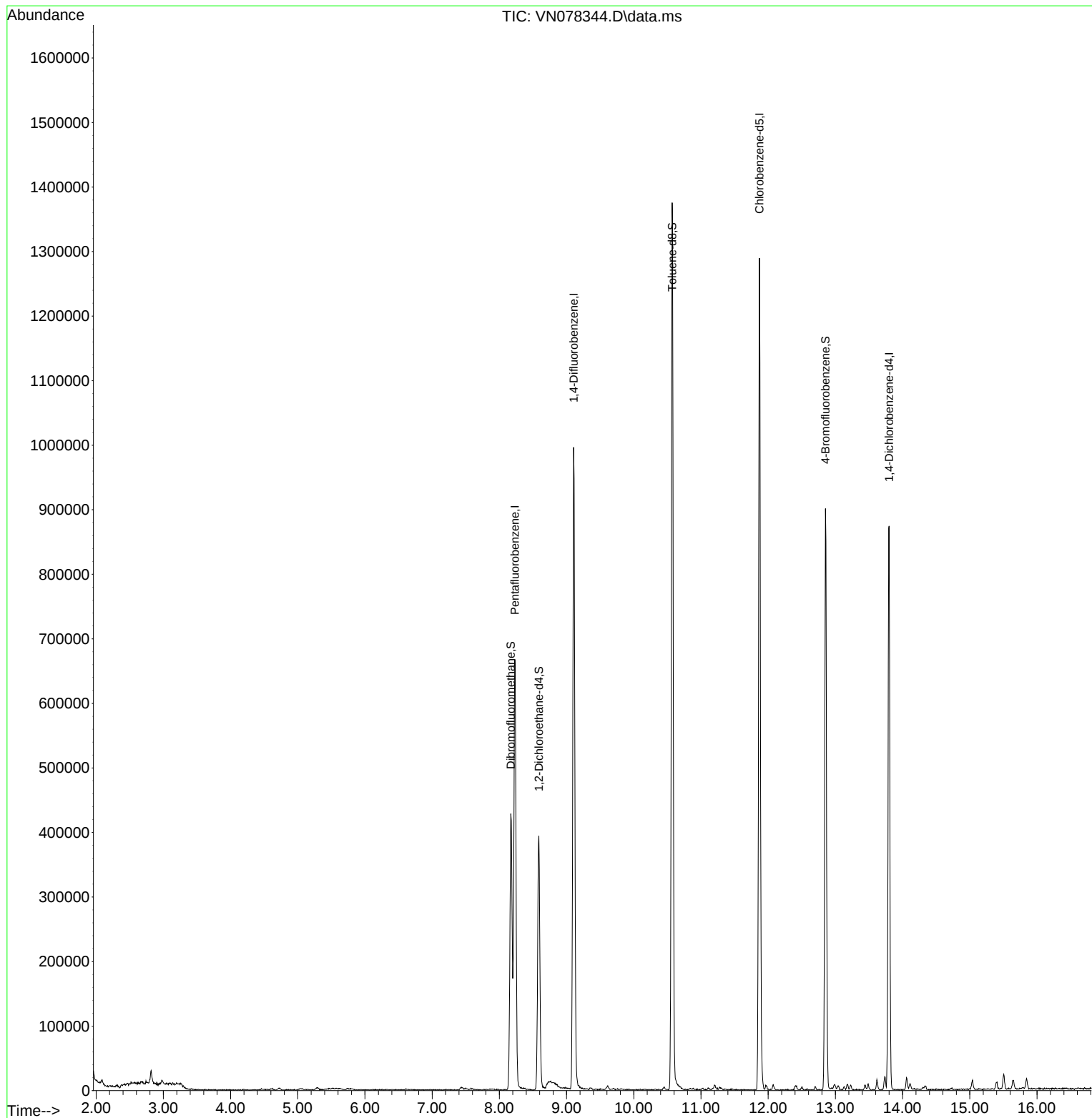
Target Compounds	Qvalue

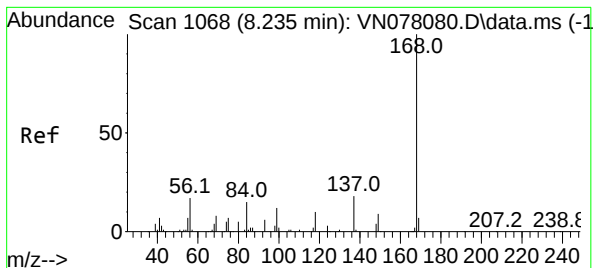
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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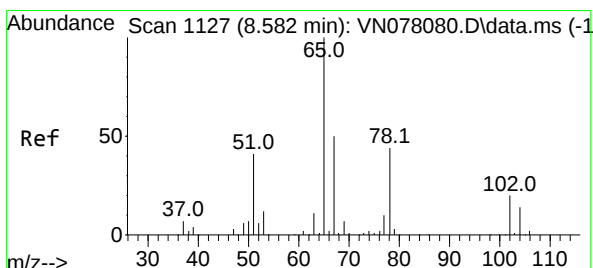
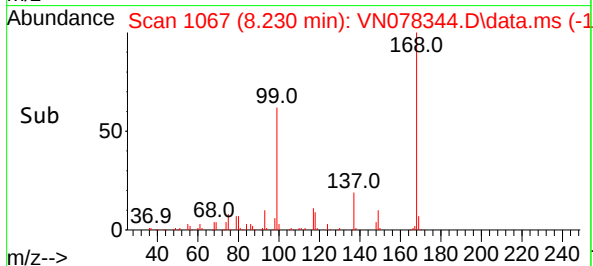
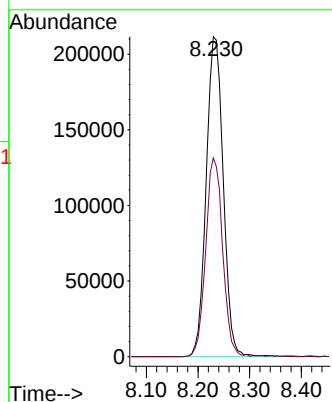
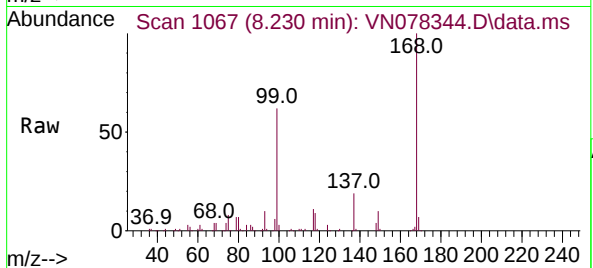




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

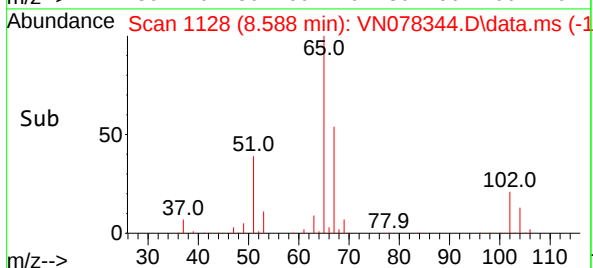
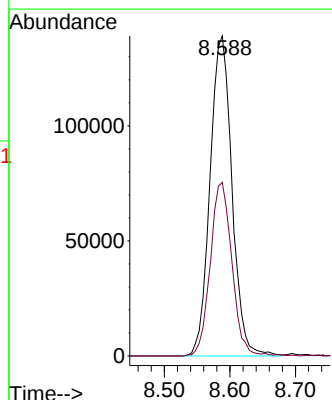
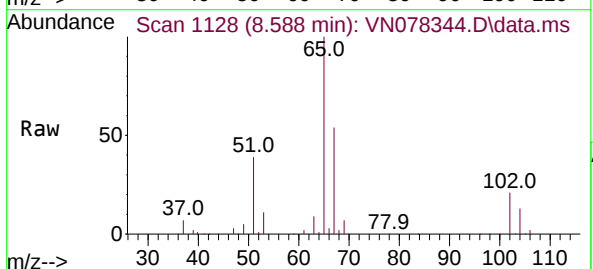
Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

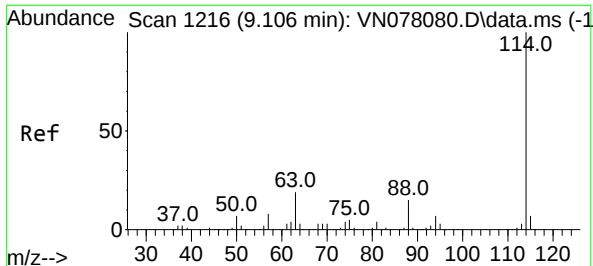
Tgt Ion:168 Resp: 484946
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.014 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 65 Resp: 323380
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078344.D

Acq: 22 Jun 2023 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN0622MBL01

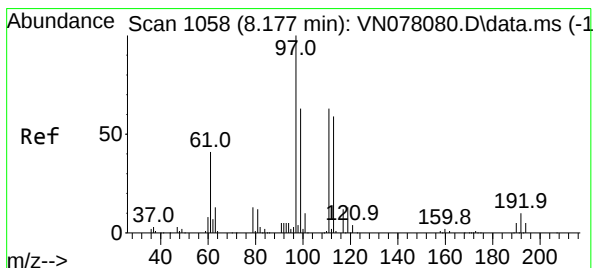
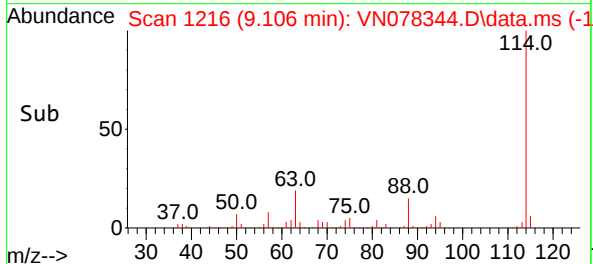
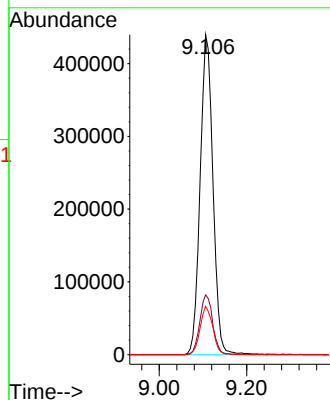
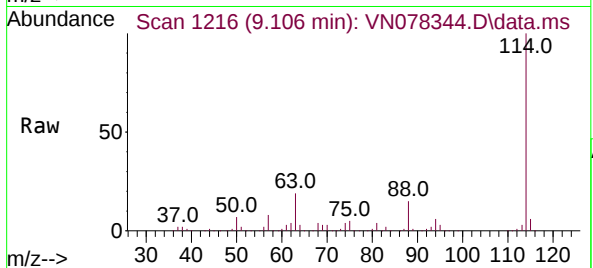
Tgt Ion:114 Resp: 898745

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.692 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN078344.D

Acq: 22 Jun 2023 12:42

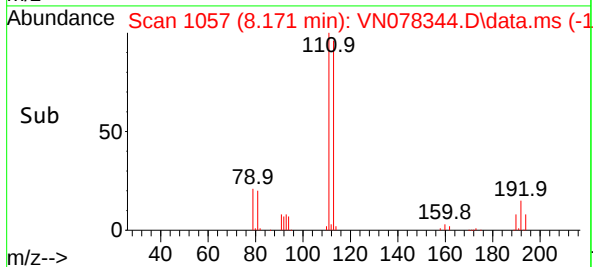
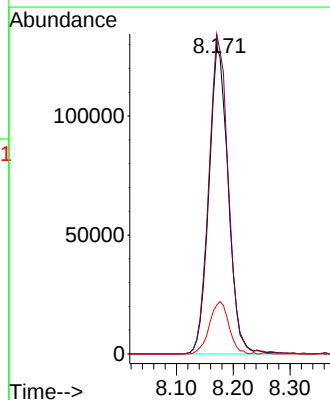
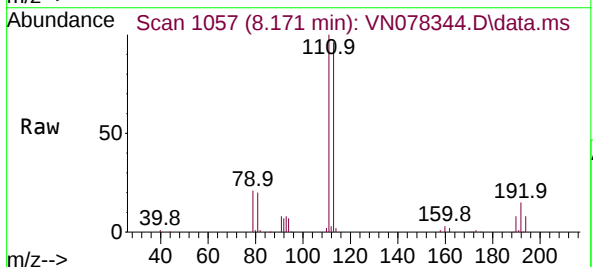
Tgt Ion:113 Resp: 305115

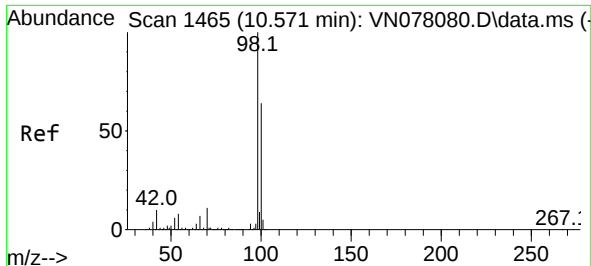
Ion Ratio Lower Upper

113 100

111 105.1 82.6 123.8

192 17.1 12.7 19.1

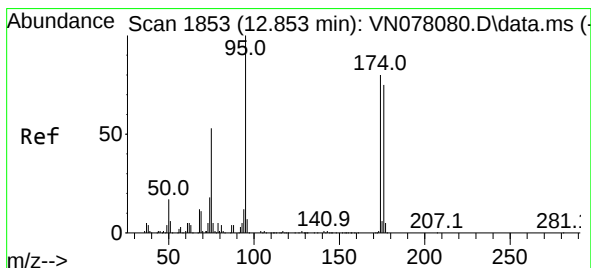
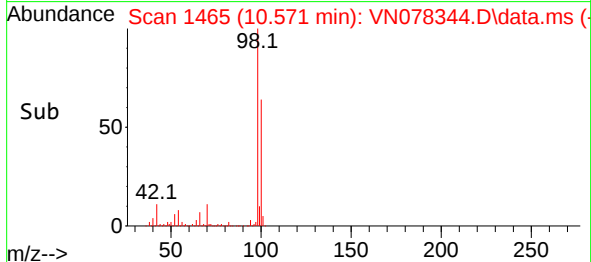
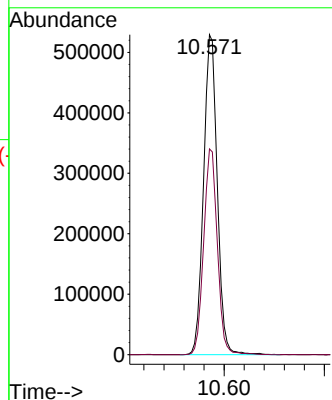
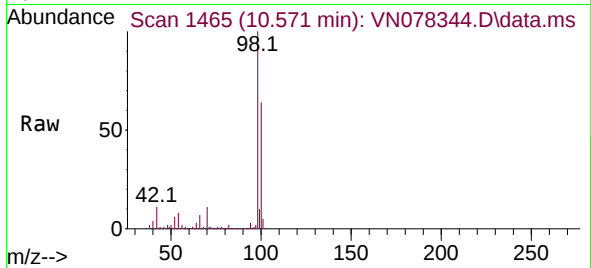




#50
Toluene-d8
Concen: 45.859 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

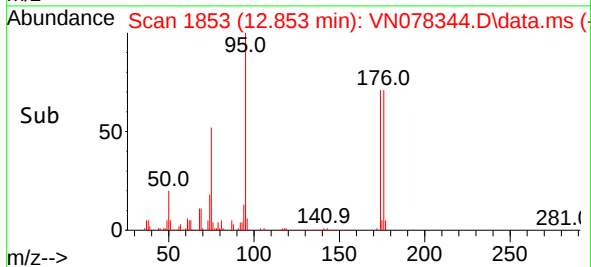
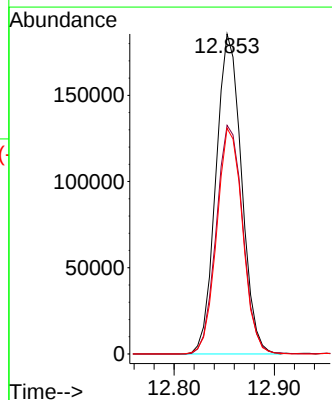
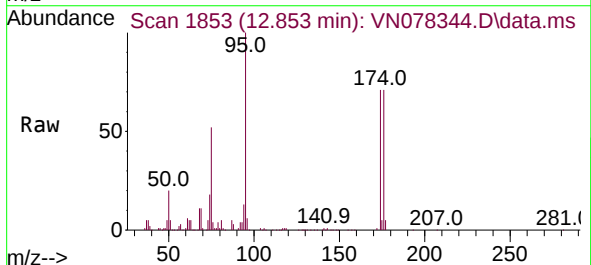
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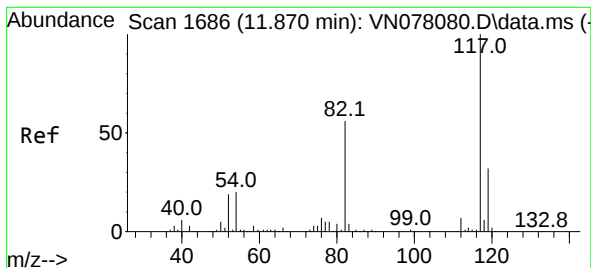
Tgt Ion: 98 Resp: 1004649
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.319 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion: 95 Resp: 329071
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 71.4 0.0 135.8

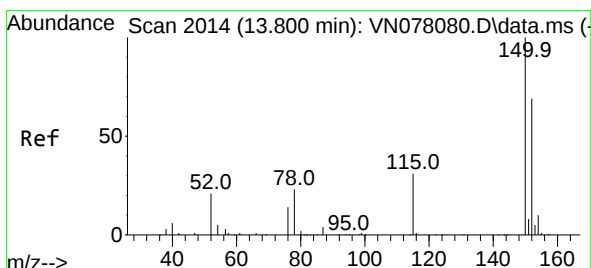
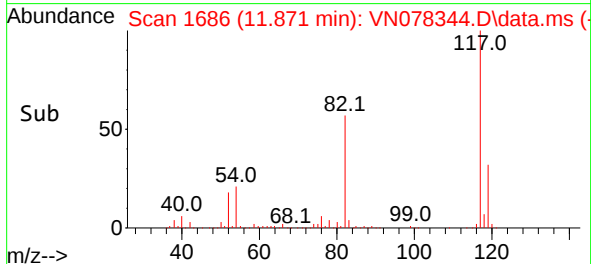
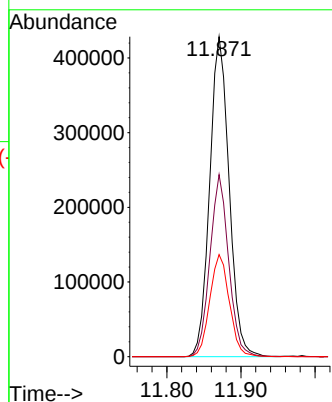
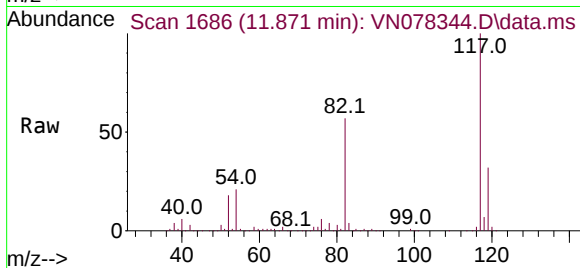




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0622MBL01

Tgt Ion:117 Resp: 780337
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078344.D
Acq: 22 Jun 2023 12:42

Tgt Ion:152 Resp: 246685
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 157.2 0.0 355.8

