

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078316.D
 Acq On : 21 Jun 2023 12:35
 Operator : JC\MD
 Sample : VN0621MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBL01

Quant Time: Jun 22 04:46:03 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	433875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	786767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	681072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194718	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	306360	52.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.920%
35) Dibromofluoromethane	8.177	113	278847	56.054	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.100%
50) Toluene-d8	10.571	98	906425	47.265	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.853	95	276189	46.326	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.660%

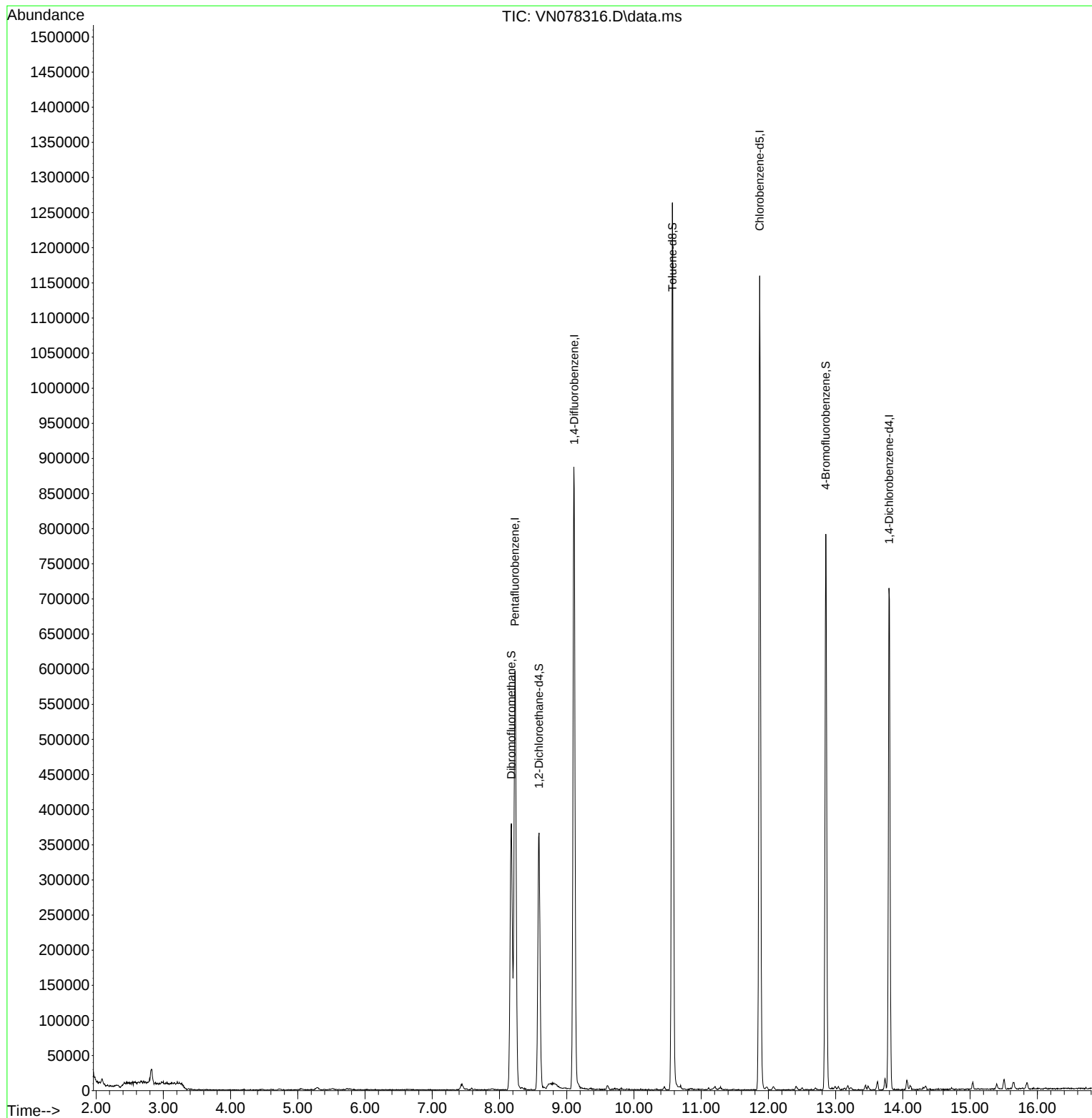
Target Compounds	Qvalue

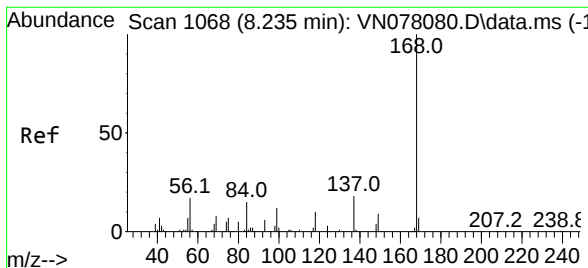
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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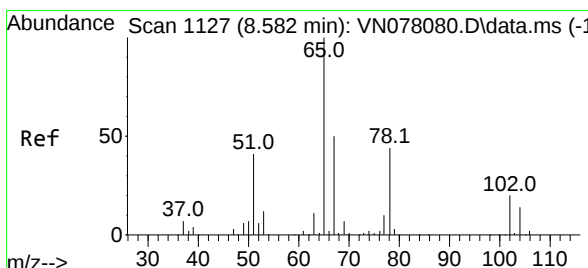
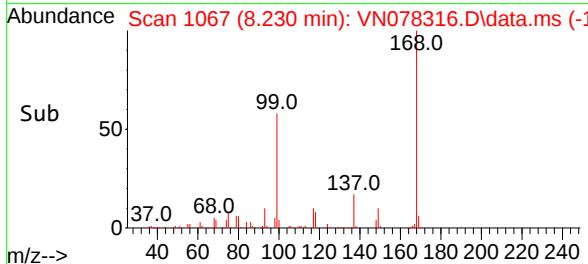
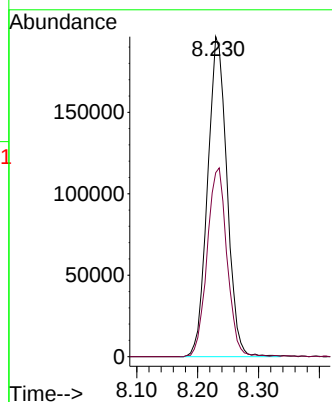
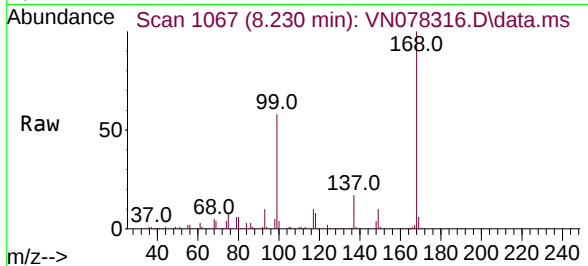




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN078316.D
Acq: 21 Jun 2023 12:35

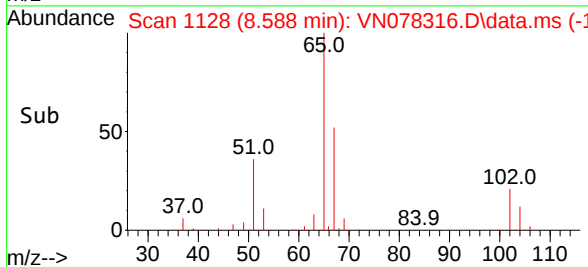
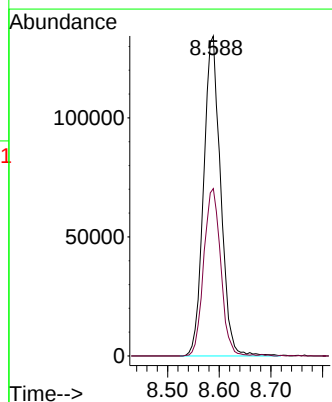
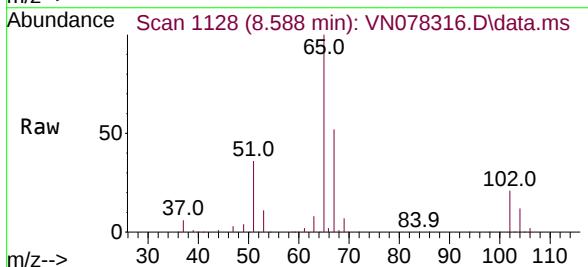
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBL01

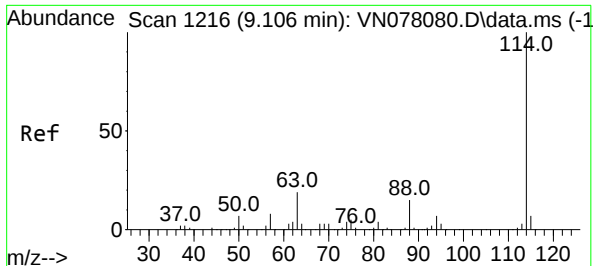
Tgt Ion:168 Resp: 433875
Ion Ratio Lower Upper
168 100
99 57.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.959 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078316.D
Acq: 21 Jun 2023 12:35

Tgt Ion: 65 Resp: 306360
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078316.D

Acq: 21 Jun 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBL01

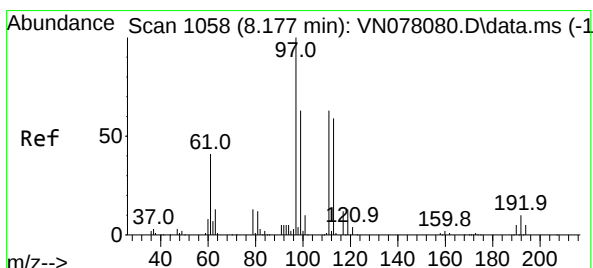
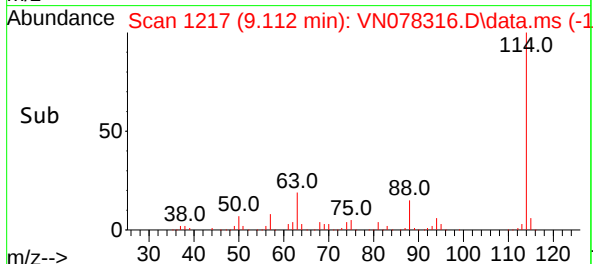
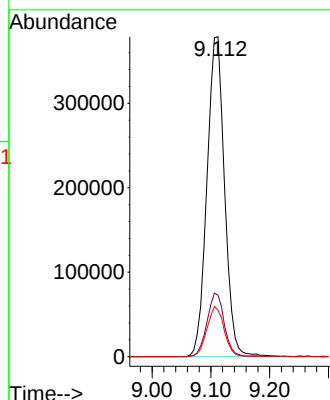
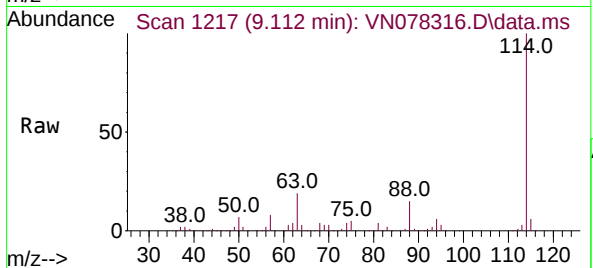
Tgt Ion:114 Resp: 786767

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.054 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078316.D

Acq: 21 Jun 2023 12:35

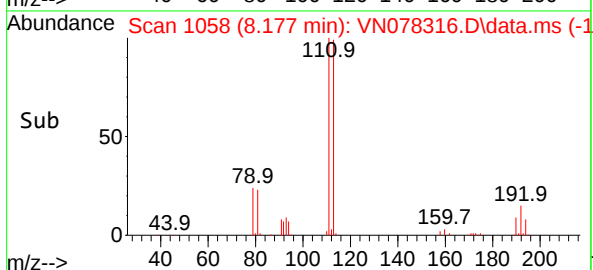
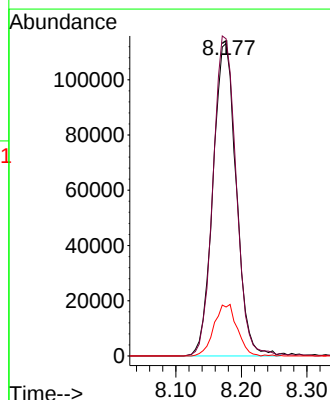
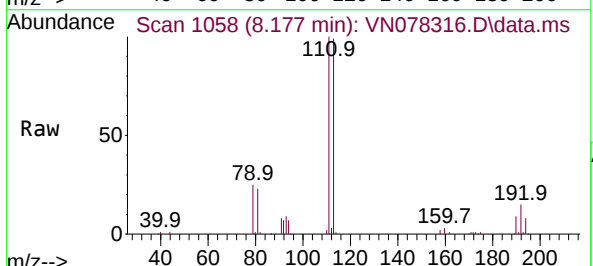
Tgt Ion:113 Resp: 278847

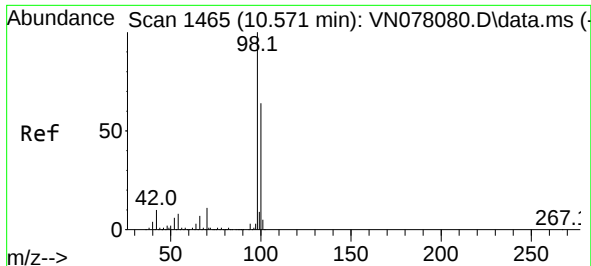
Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 16.4 12.7 19.1

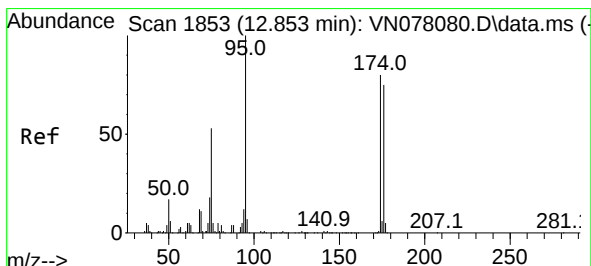
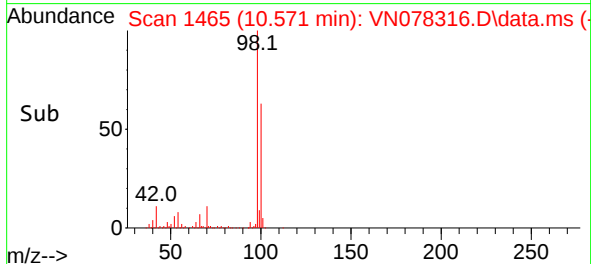
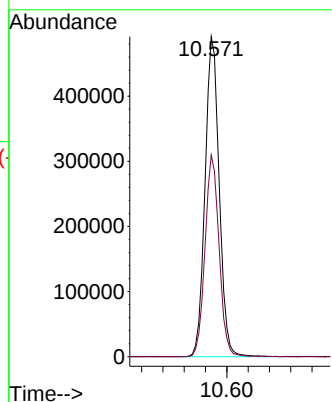
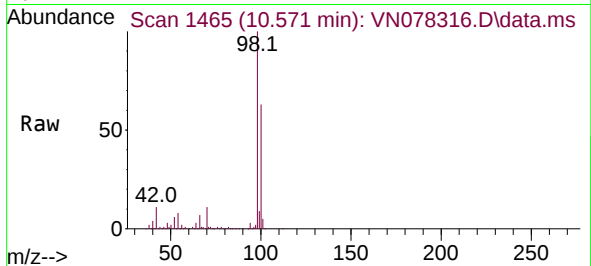




#50
Toluene-d8
Concen: 47.265 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078316.D
Acq: 21 Jun 2023 12:35

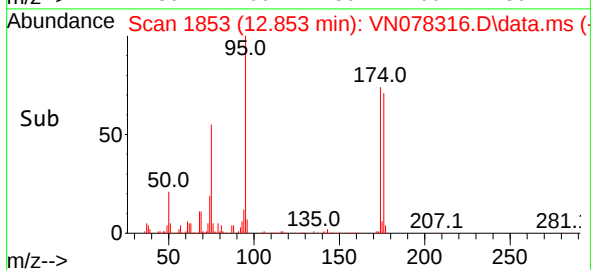
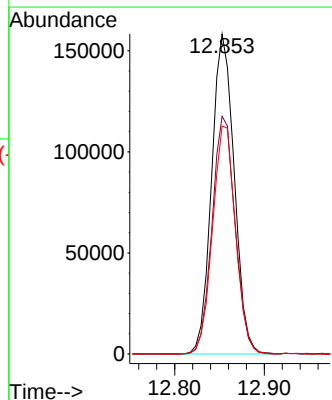
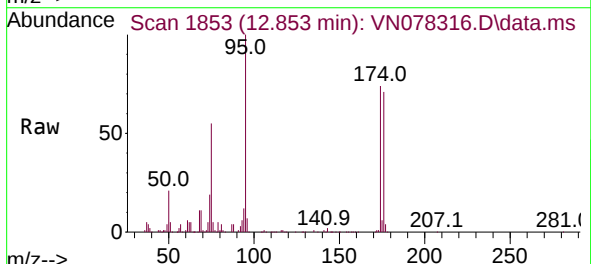
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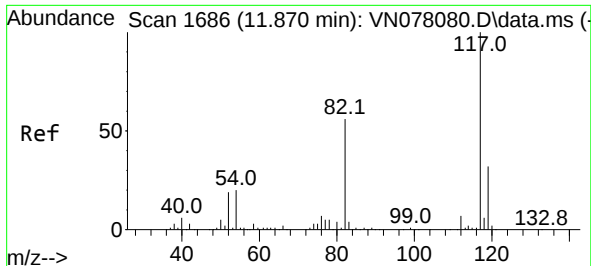
Tgt Ion: 98 Resp: 906425
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.326 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078316.D
Acq: 21 Jun 2023 12:35

Tgt Ion: 95 Resp: 276189
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 72.6 0.0 135.8

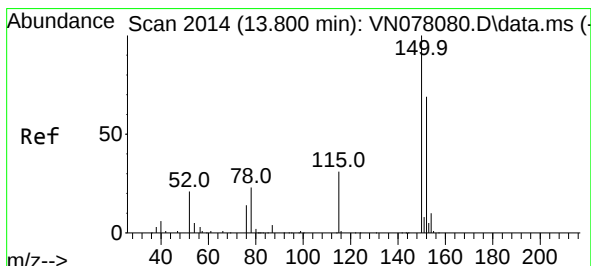
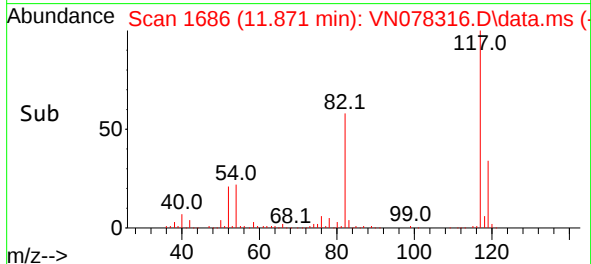
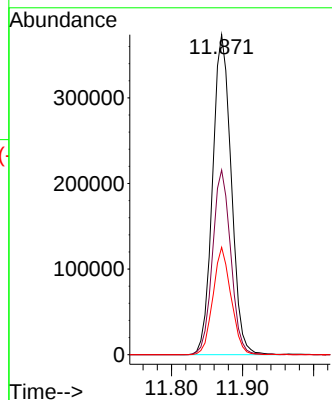
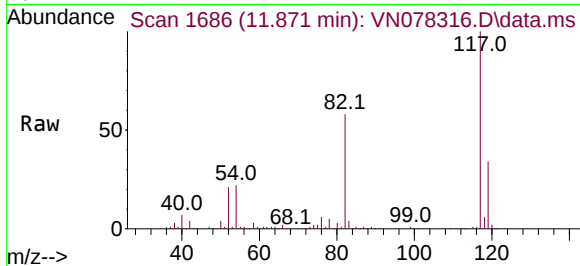




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078316.D
Acq: 21 Jun 2023 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0621MBL01

Tgt Ion:117 Resp: 681072
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 33.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078316.D
Acq: 21 Jun 2023 12:35

Tgt Ion:152 Resp: 194718
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 159.3 0.0 355.8

