

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078032.D
 Acq On : 02 Jun 2023 15:31
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 05 01:20:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	380095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	723088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	632675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	198491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	268367	47.188	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.380%
35) Dibromofluoromethane	8.177	113	234350	49.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.400%
50) Toluene-d8	10.576	98	867311	47.788	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.859	95	259832	40.536	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.080%#

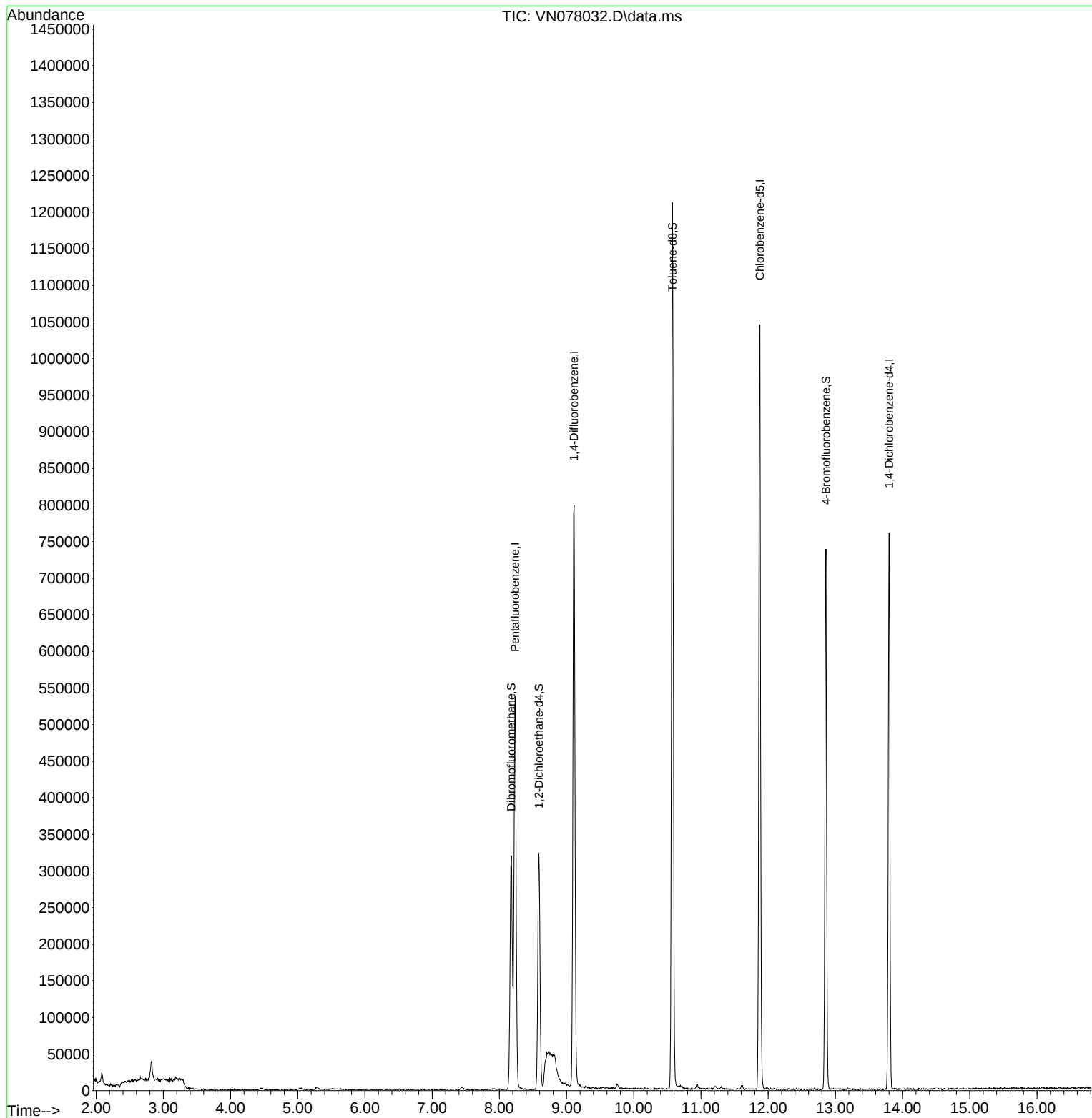
Target Compounds	Qvalue

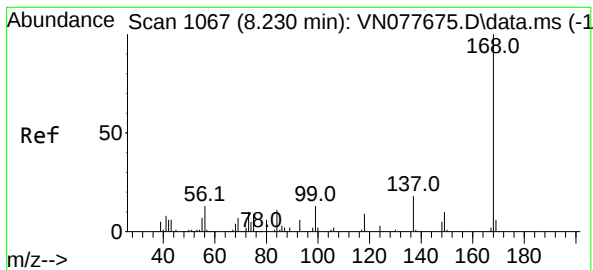
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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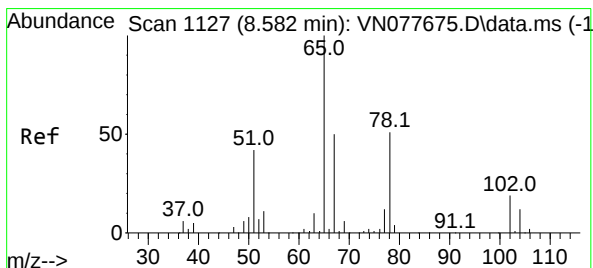
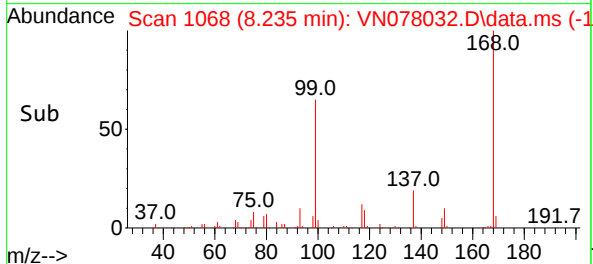
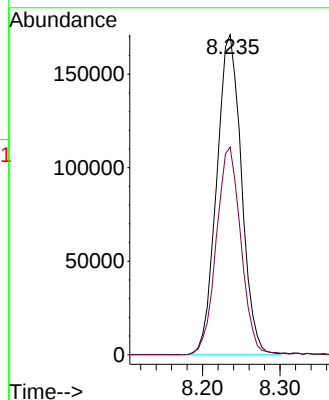
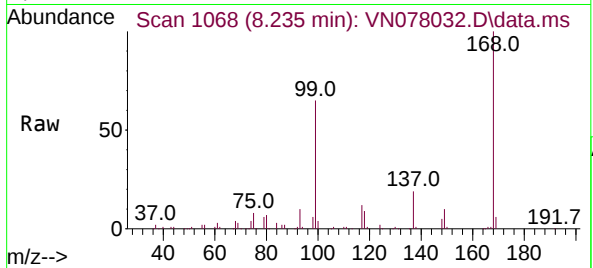




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1108
Delta R.T. 0.005 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

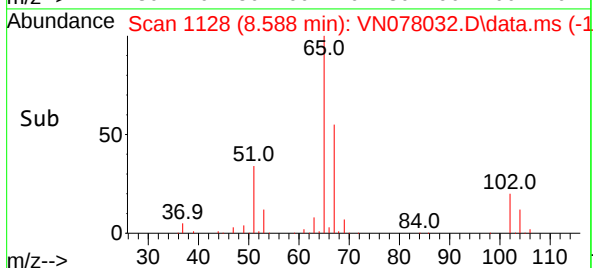
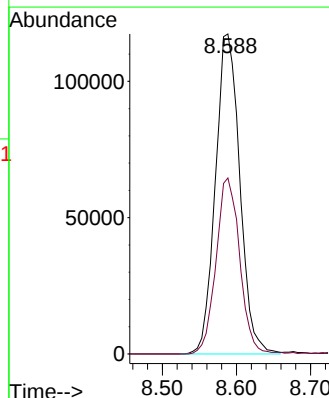
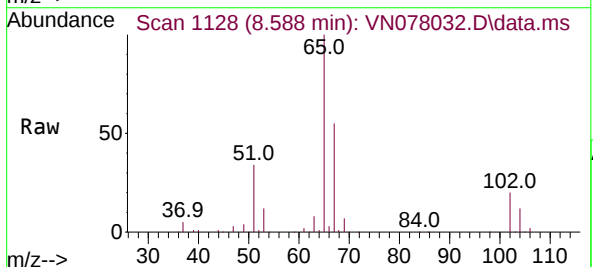
Instrument :
MSVOA_N
ClientSampleId :
IBLK

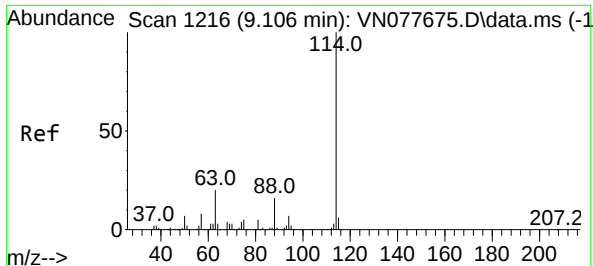
Tgt Ion:168 Resp: 380095
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.188 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

Tgt Ion: 65 Resp: 268367
Ion Ratio Lower Upper
65 100
67 53.5 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: VN078032.D

Acq: 02 Jun 2023 15:31

Instrument :

MSVOA_N

ClientSampleId :

IBLK

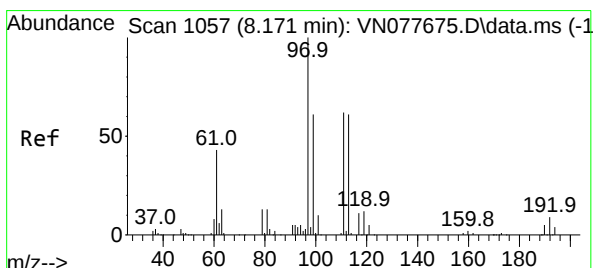
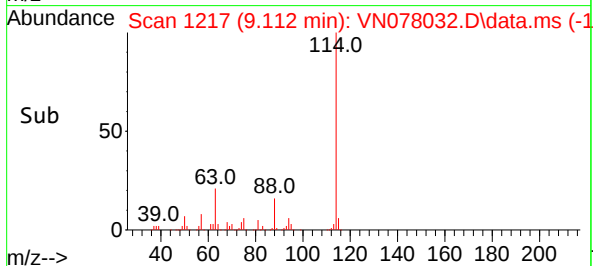
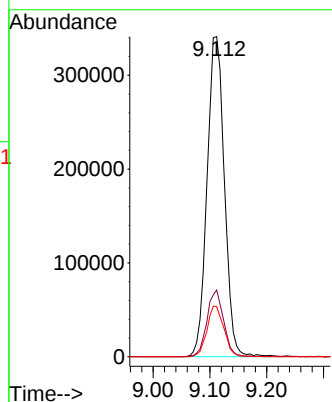
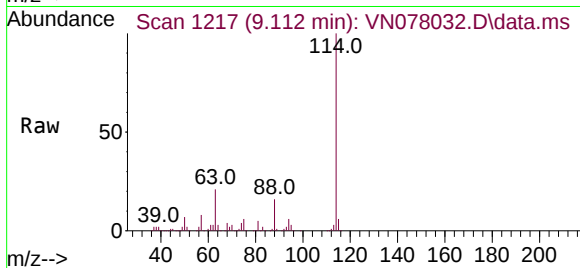
Tgt Ion:114 Resp: 723088

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.701 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN078032.D

Acq: 02 Jun 2023 15:31

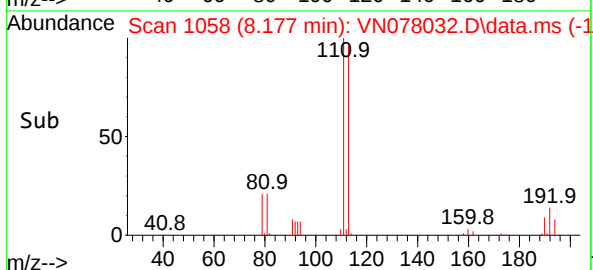
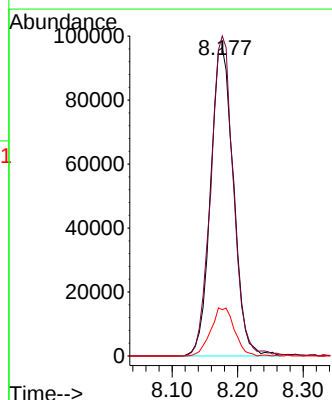
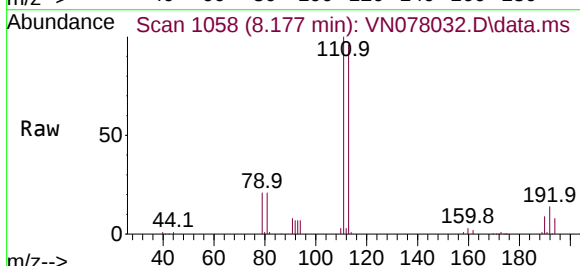
Tgt Ion:113 Resp: 234350

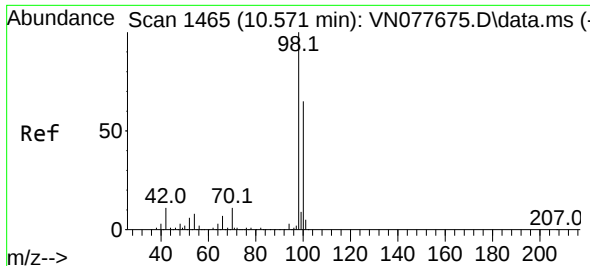
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 16.1 12.7 19.1

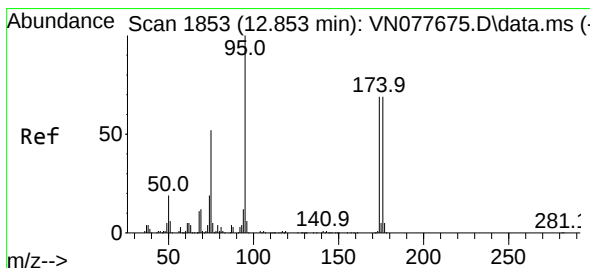
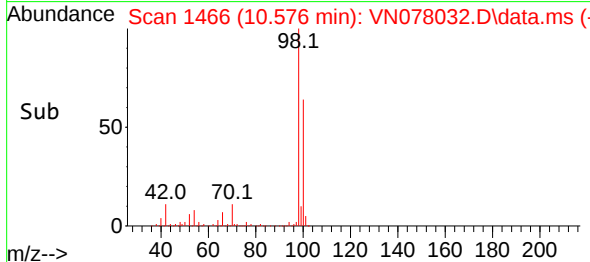
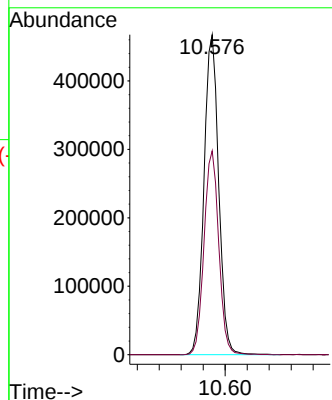
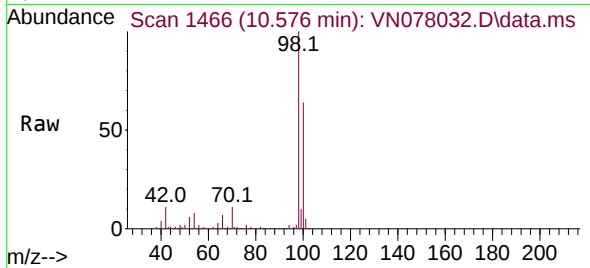




#50
Toluene-d8
Concen: 47.788 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

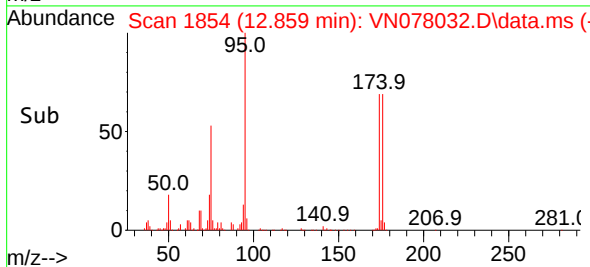
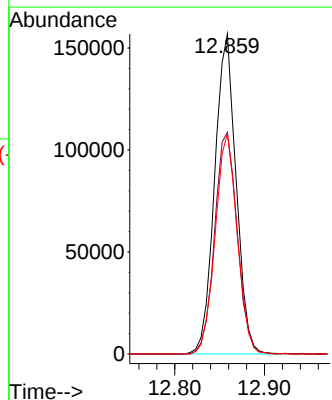
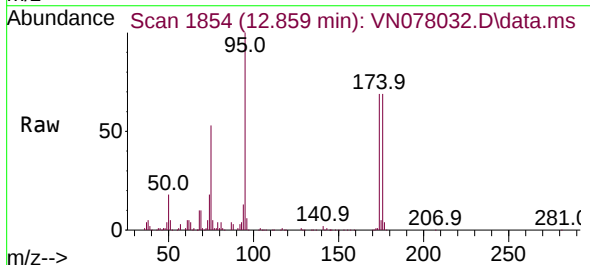
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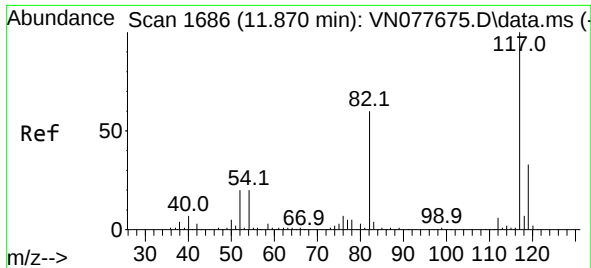
Tgt Ion: 98 Resp: 867311
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.536 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

Tgt Ion: 95 Resp: 259832
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 70.5 0.0 135.8

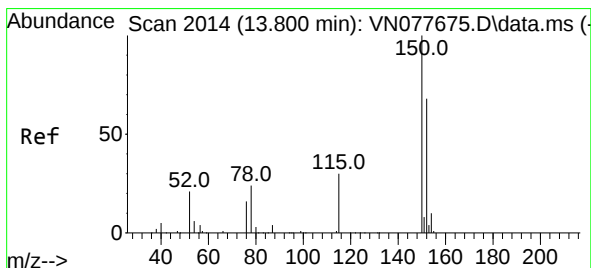
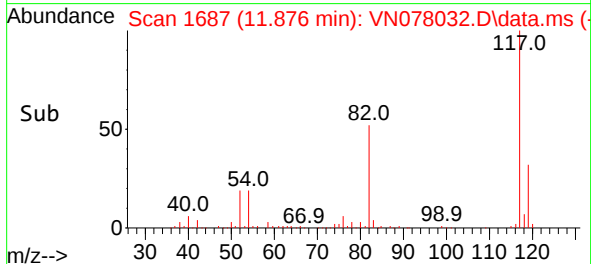
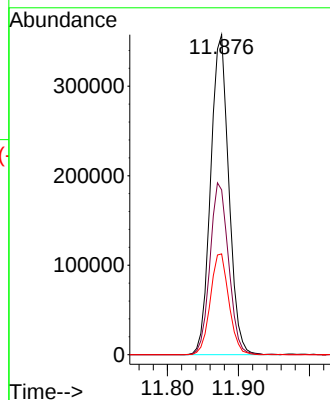
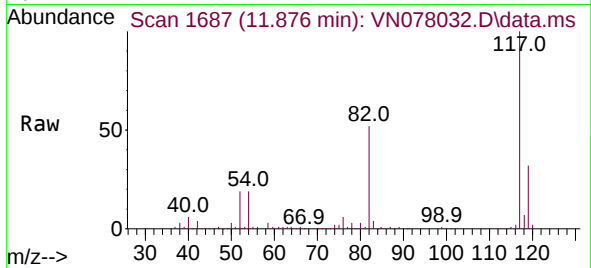




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 632675
Ion Ratio Lower Upper
117 100
82 51.5 44.0 66.0
119 31.5 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: VN078032.D
Acq: 02 Jun 2023 15:31

Tgt Ion:152 Resp: 198491
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 158.6 0.0 355.8

