

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077951.D
 Acq On : 27 May 2023 02:51
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 29 01:42:34 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)

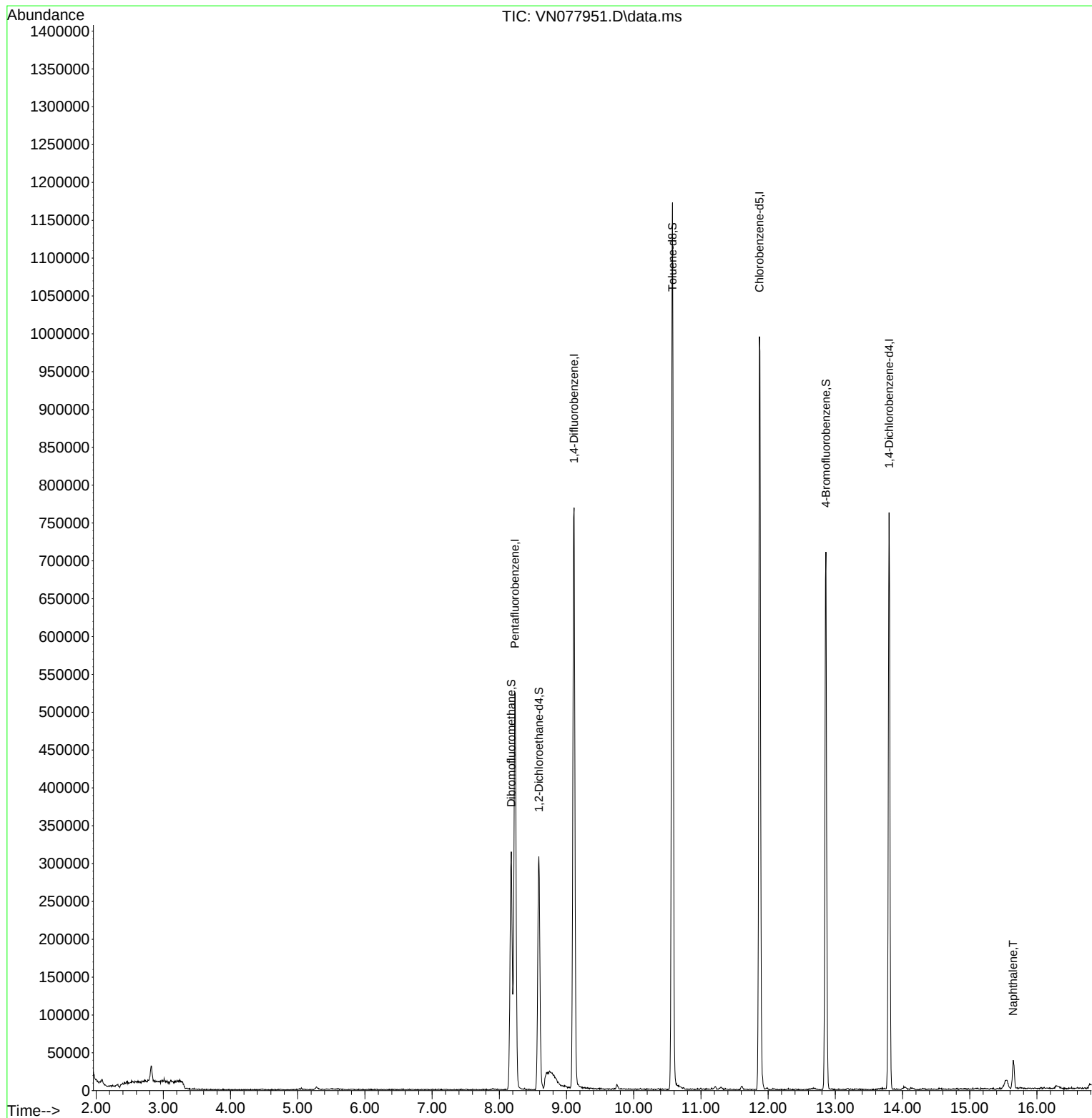
Internal Standards						
1) Pentafluorobenzene	8.230	168	384463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	689505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	604032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	203897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	258646	44.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.920%
35) Dibromofluoromethane	8.177	113	220925	49.136	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.280%
50) Toluene-d8	10.577	98	855005	49.405	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.859	95	254574	41.650	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.300%
Target Compounds						
95) Naphthalene	15.647	128	35926	2.577	ug/l	Qvalue 98

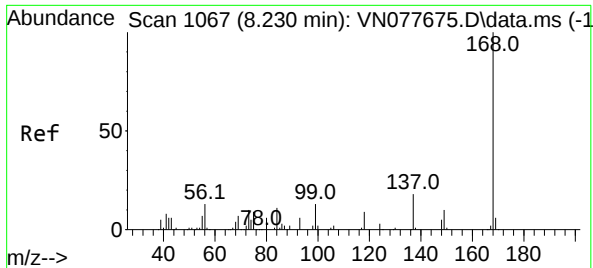
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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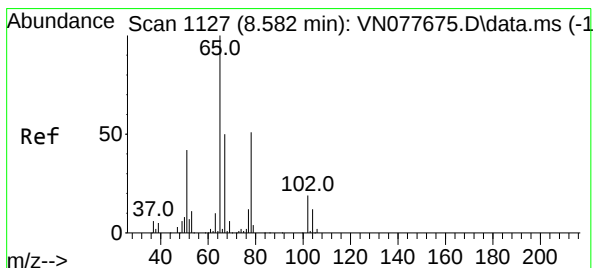
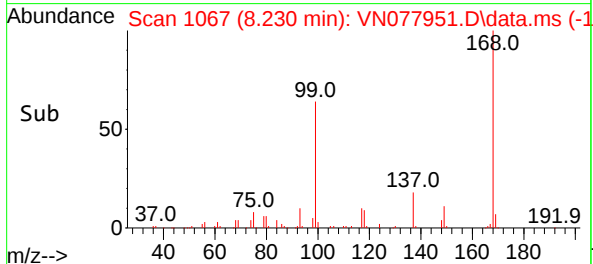
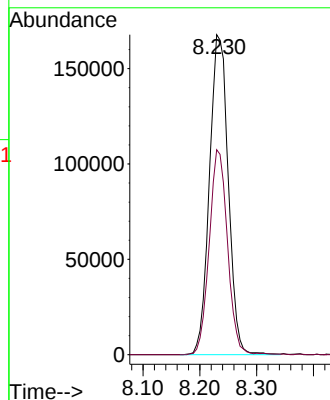
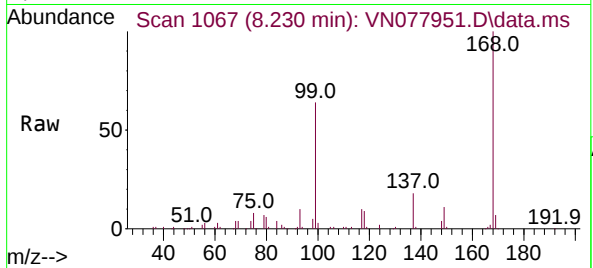




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

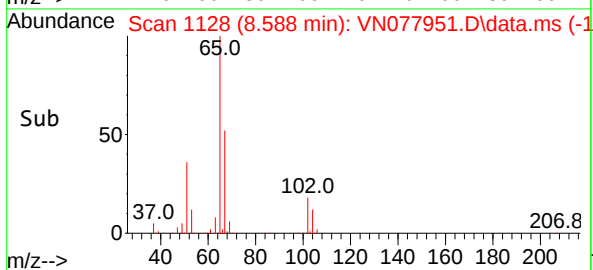
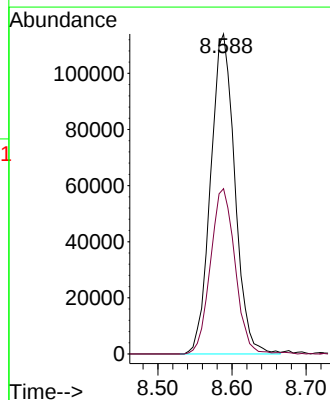
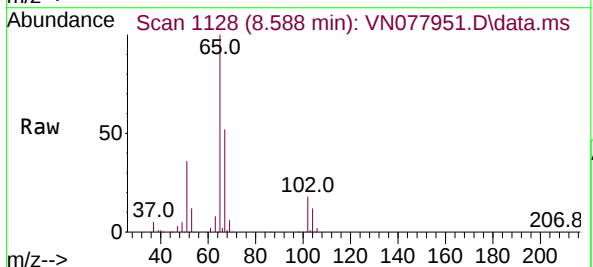
Instrument :
MSVOA_N
ClientSampleId :
IBLK

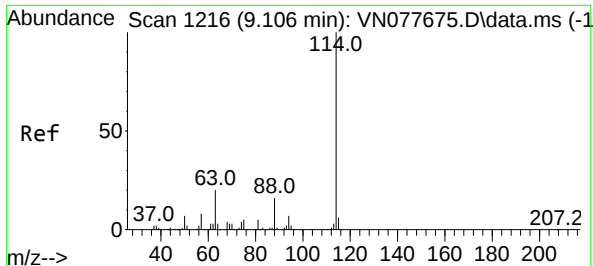
Tgt Ion:168 Resp: 384463
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.962 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

Tgt Ion: 65 Resp: 258646
Ion Ratio Lower Upper
65 100
67 52.4 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: VN077951.D

Acq: 27 May 2023 02:51

Instrument :

MSVOA_N

ClientSampleId :

IBLK

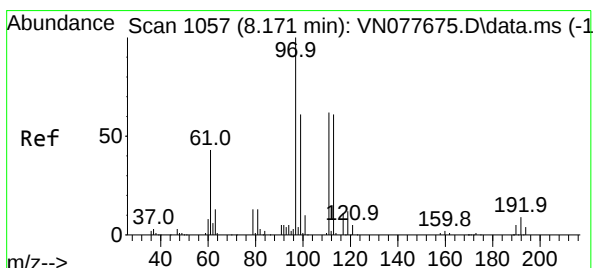
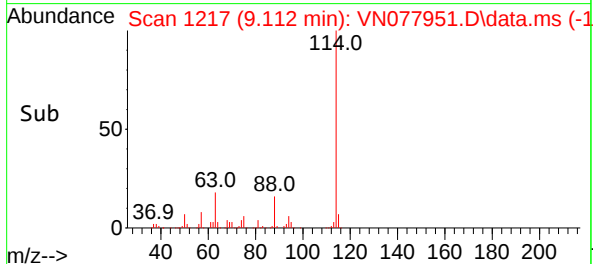
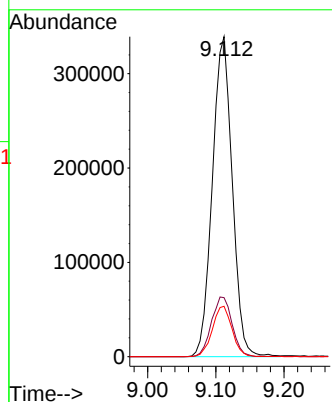
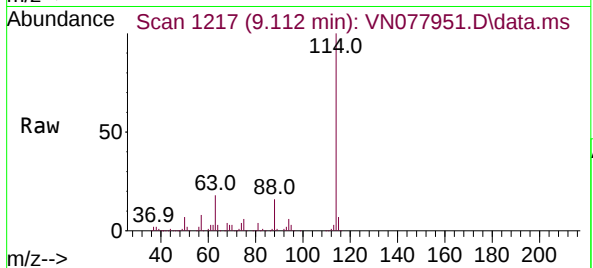
Tgt Ion:114 Resp: 689505

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.136 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077951.D

Acq: 27 May 2023 02:51

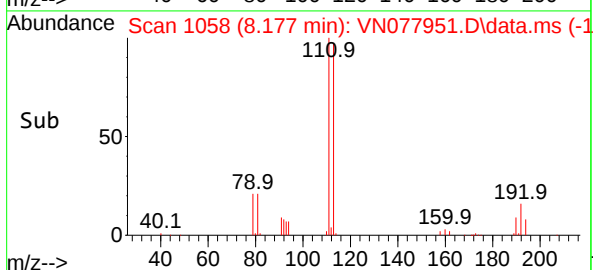
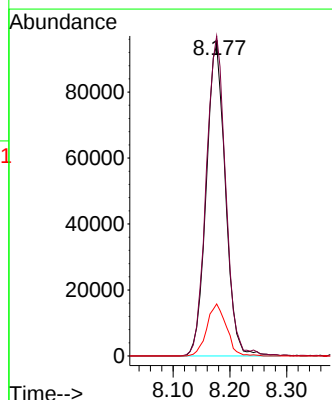
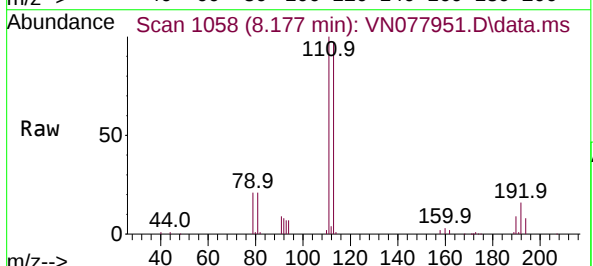
Tgt Ion:113 Resp: 220925

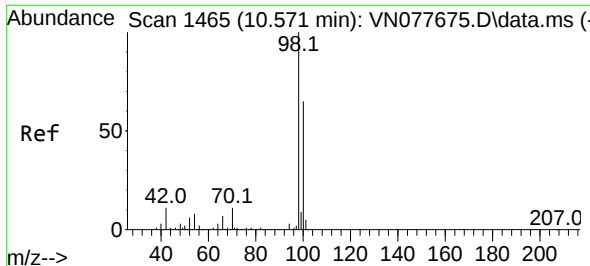
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 17.1 12.7 19.1

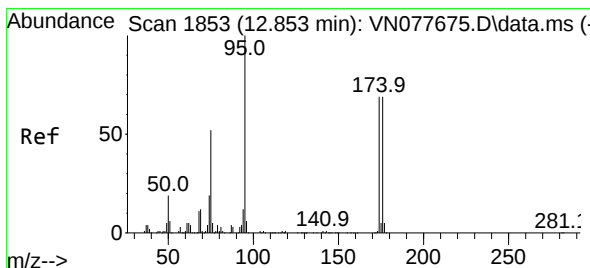
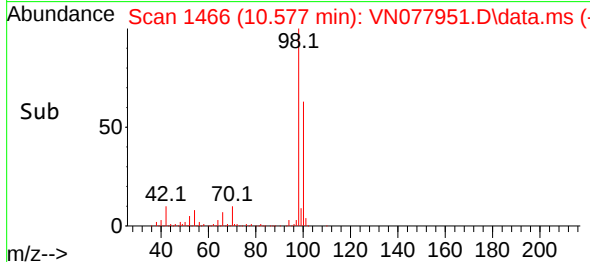
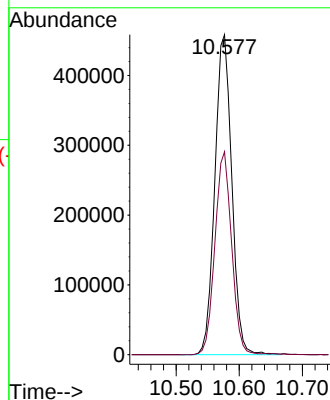
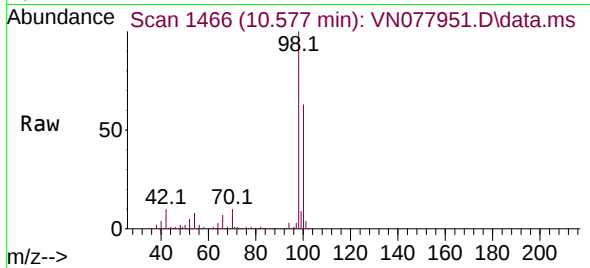




#50
Toluene-d8
Concen: 49.405 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

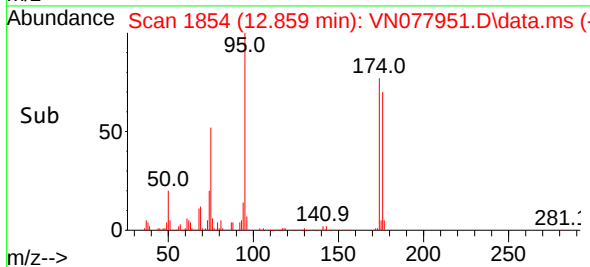
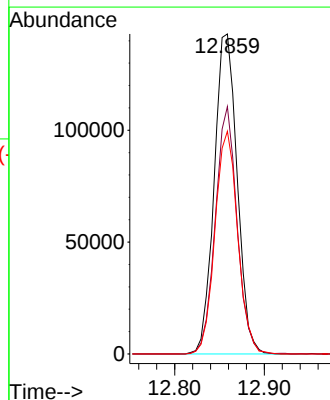
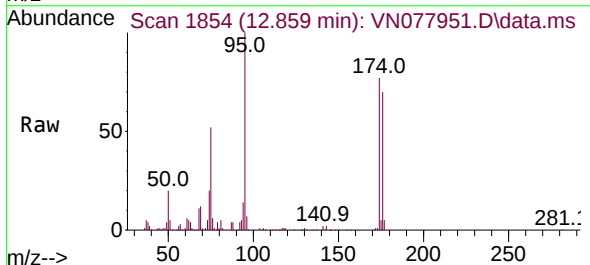
Instrument :
MSVOA_N
ClientSampleId :
IBLK

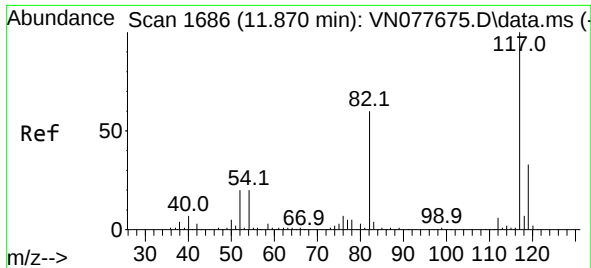
Tgt Ion: 98 Resp: 855005
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.650 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

Tgt Ion: 95 Resp: 254574
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 68.7 0.0 135.8

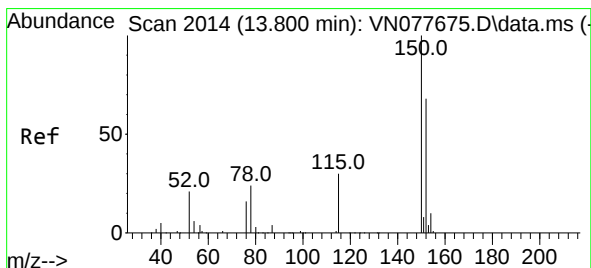
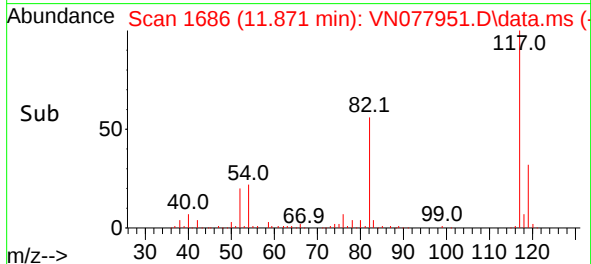
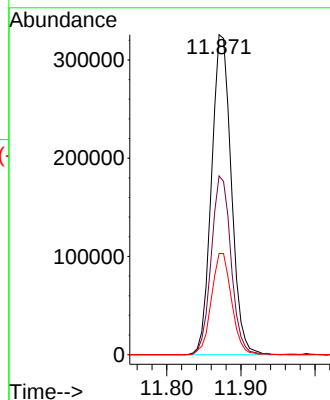
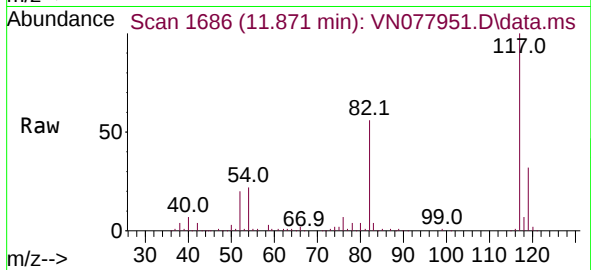




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

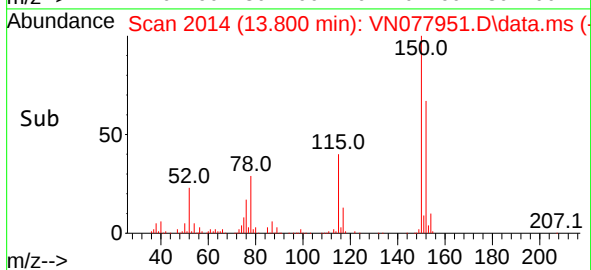
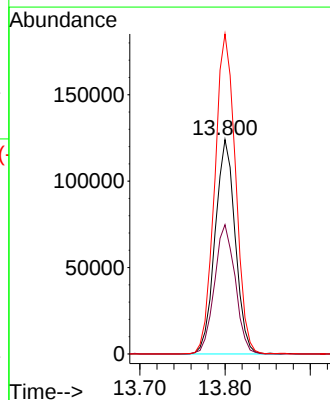
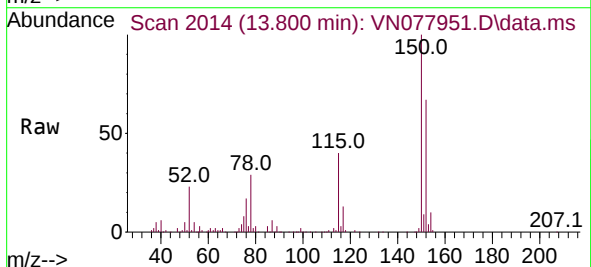
Instrument :
MSVOA_N
ClientSampleId :
IBLK

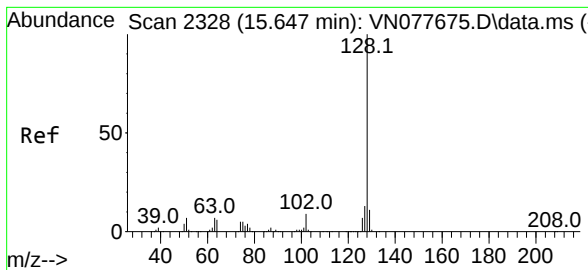
Tgt Ion:117 Resp: 604032
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

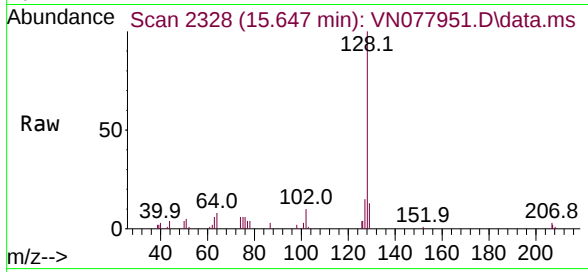
Tgt Ion:152 Resp: 203897
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 154.1 0.0 355.8





#95
Naphthalene
Concen: 2.577 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077951.D
Acq: 27 May 2023 02:51

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	35926
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.0	15.0
129	11.4	8.7	13.1

