

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122922\
 Data File : VN076054.D
 Acq On : 29 Dec 2022 17:18
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Dec 30 05:35:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

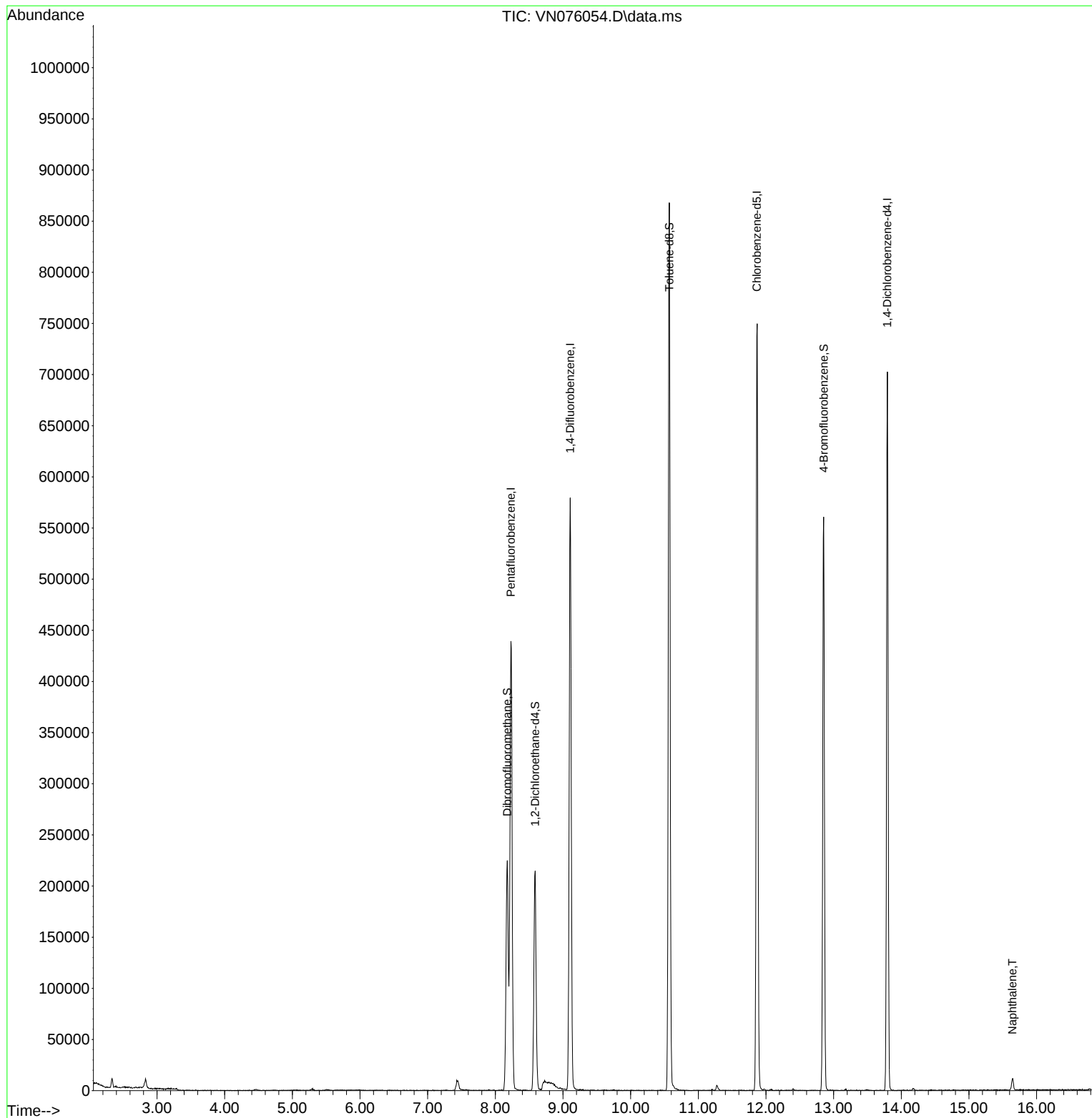
Internal Standards						
1) Pentafluorobenzene	8.230	168	351056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	549030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	473085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	174500	45.691	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.380%
35) Dibromofluoromethane	8.177	113	161073	47.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	10.571	98	619576	48.738	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.853	95	193340	45.919	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.840%
Target Compounds						
					Qvalue	
95) Naphthalene	15.641	128	12973	3.324	ug/l	96

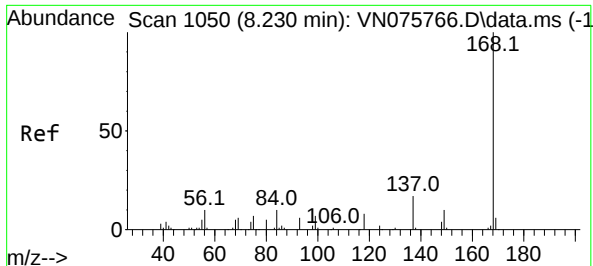
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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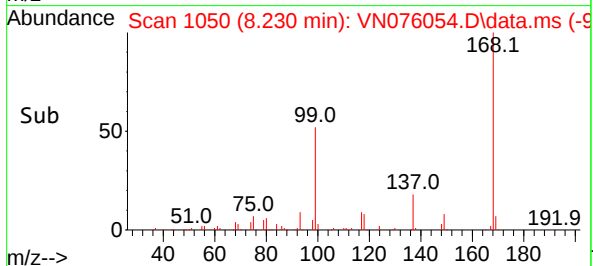
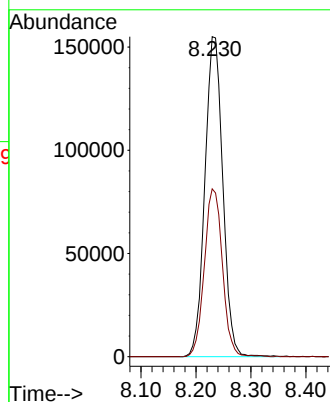
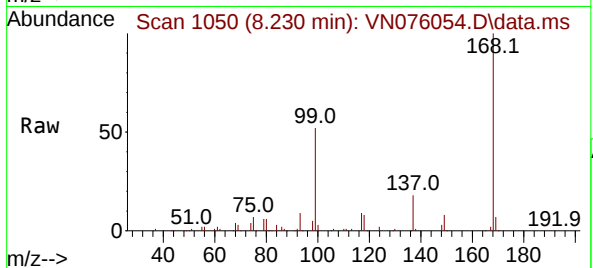




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

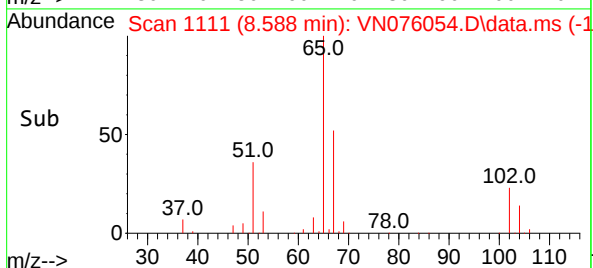
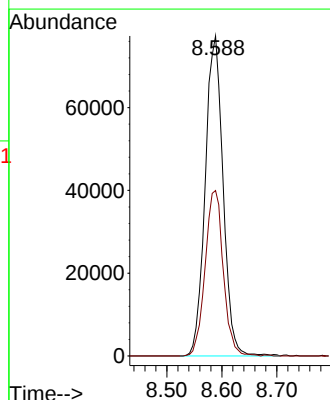
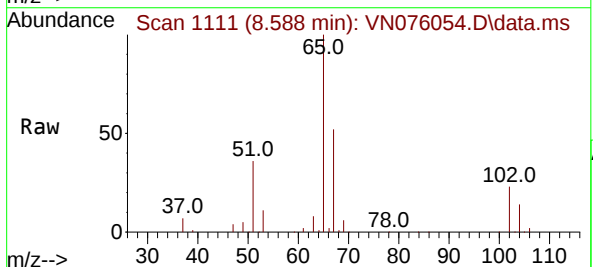
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 351056
Ion Ratio Lower Upper
168 100
99 52.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.691 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

Tgt Ion: 65 Resp: 174500
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076054.D

Acq: 29 Dec 2022 17:18

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

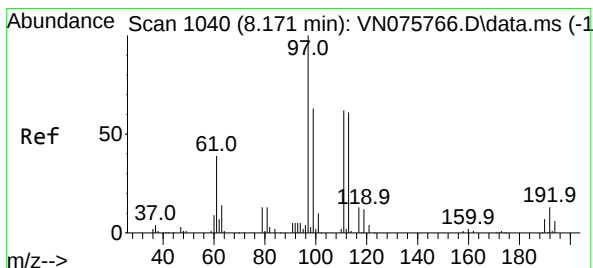
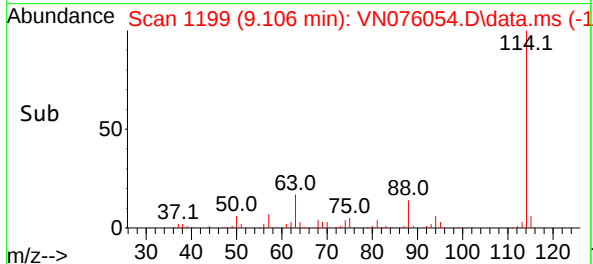
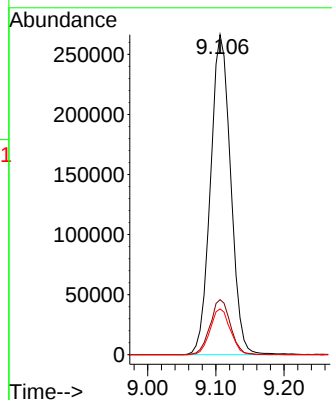
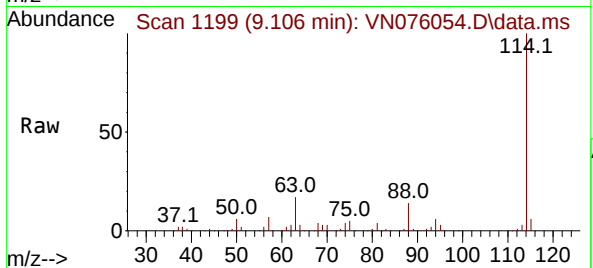
Tgt Ion:114 Resp: 549030

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 14.3 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.374 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076054.D

Acq: 29 Dec 2022 17:18

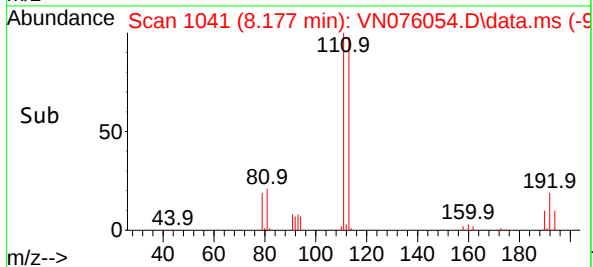
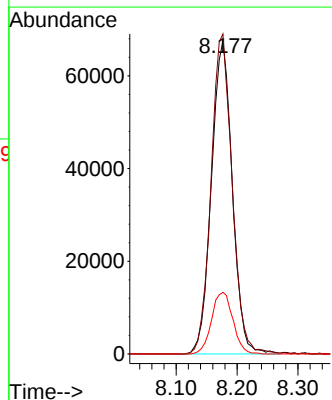
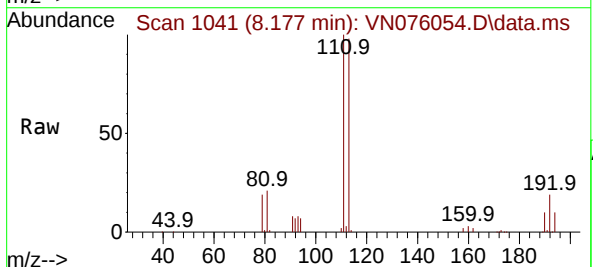
Tgt Ion:113 Resp: 161073

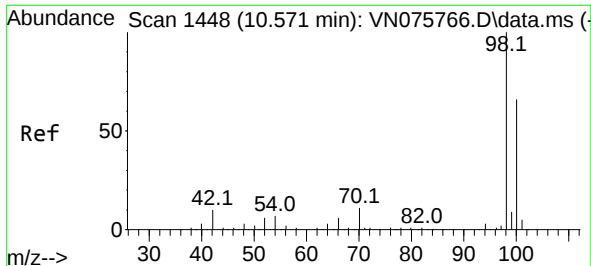
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

192 20.1 16.1 24.1

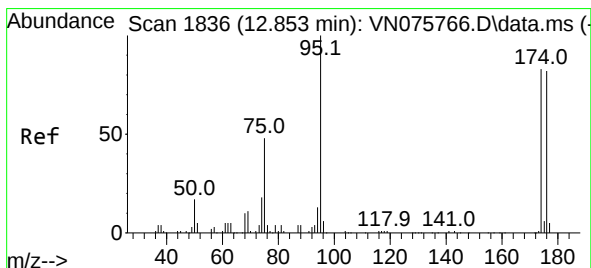
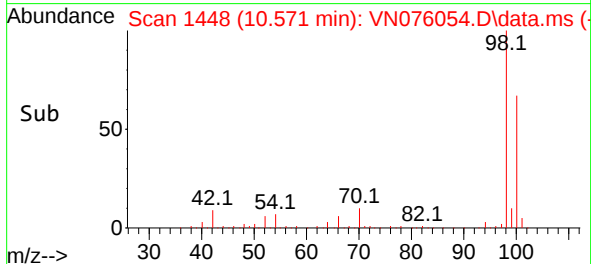
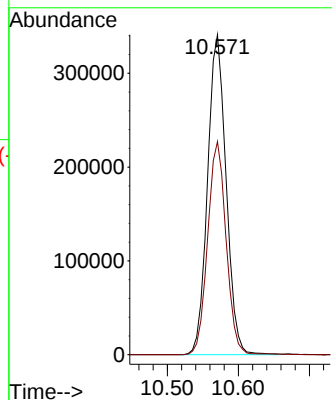
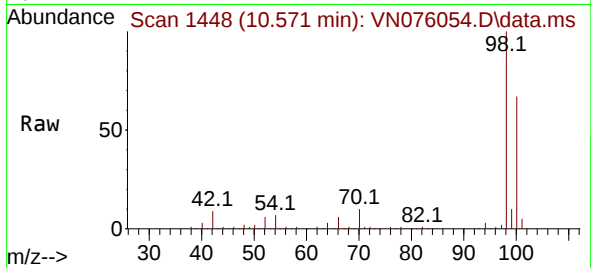




#50
Toluene-d8
Concen: 48.738 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

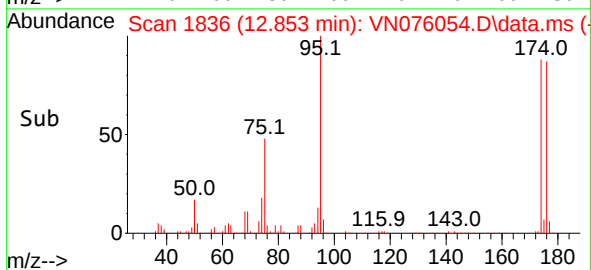
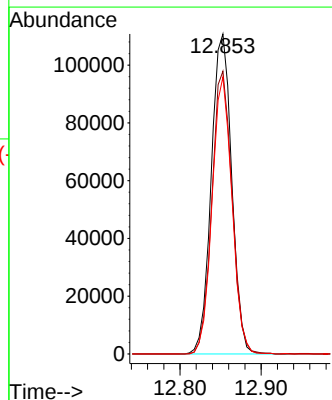
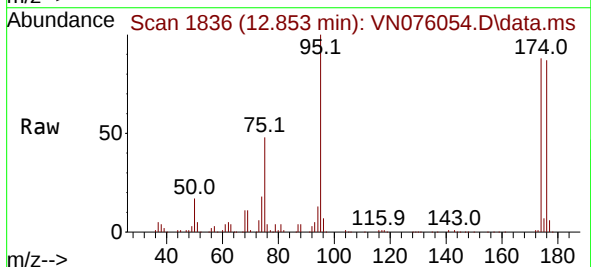
Instrument :
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VIBLK

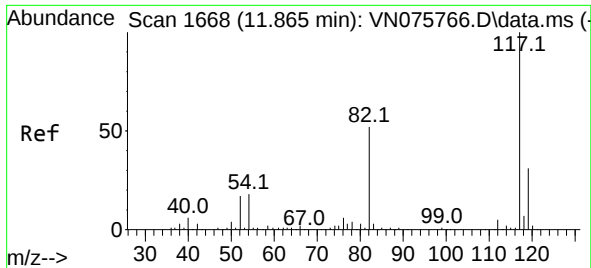
Tgt Ion: 98 Resp: 619576
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.919 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

Tgt Ion: 95 Resp: 193340
Ion Ratio Lower Upper
95 100
174 87.8 0.0 171.6
176 84.1 0.0 169.2

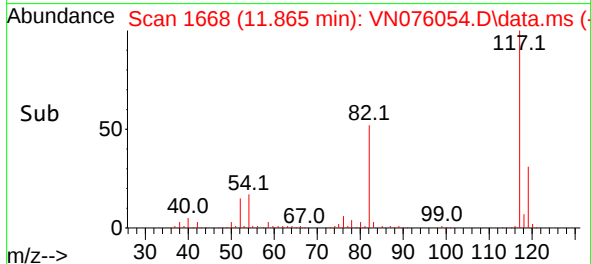
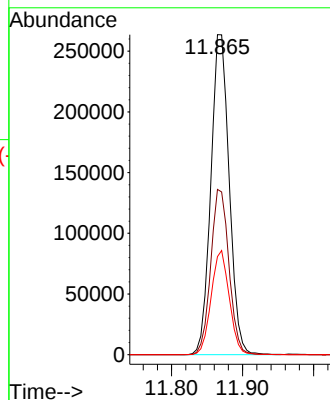
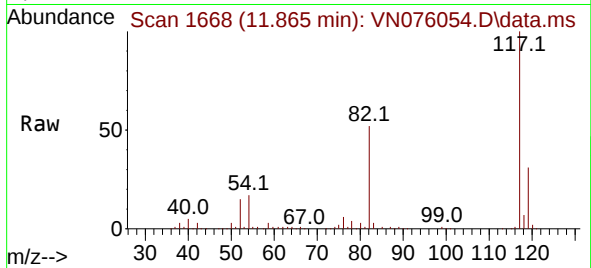




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

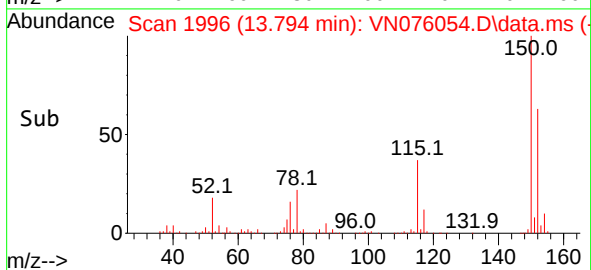
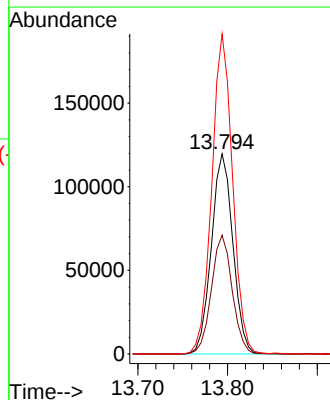
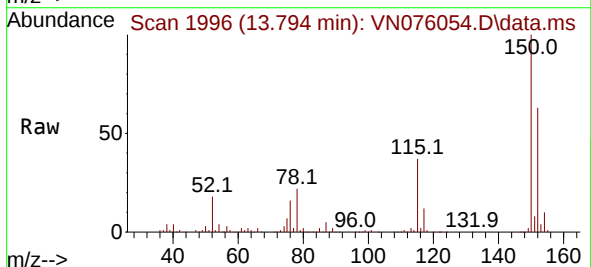
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

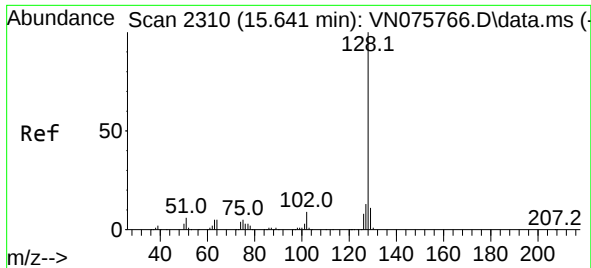
Tgt Ion:117 Resp: 473085
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 30.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

Tgt Ion:152 Resp: 198862
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.4
150 154.5 0.0 347.0





#95
Naphthalene
Concen: 3.324 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076054.D
Acq: 29 Dec 2022 17:18

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:	128	Resp:	12973
Ion Ratio	Lower	Upper	
128	100		
127	11.2	10.4	15.6
129	9.9	8.7	13.1

