

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122022\
 Data File : VN075892.D
 Acq On : 20 Dec 2022 12:35
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 21 01:27:34 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	8.229	168	385273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	598620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	519976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	191970	45.801	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.600%
35) Dibromofluoromethane	8.177	113	176164	47.520	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.040%
50) Toluene-d8	10.570	98	687010	49.565	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.853	95	216436	47.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.300%

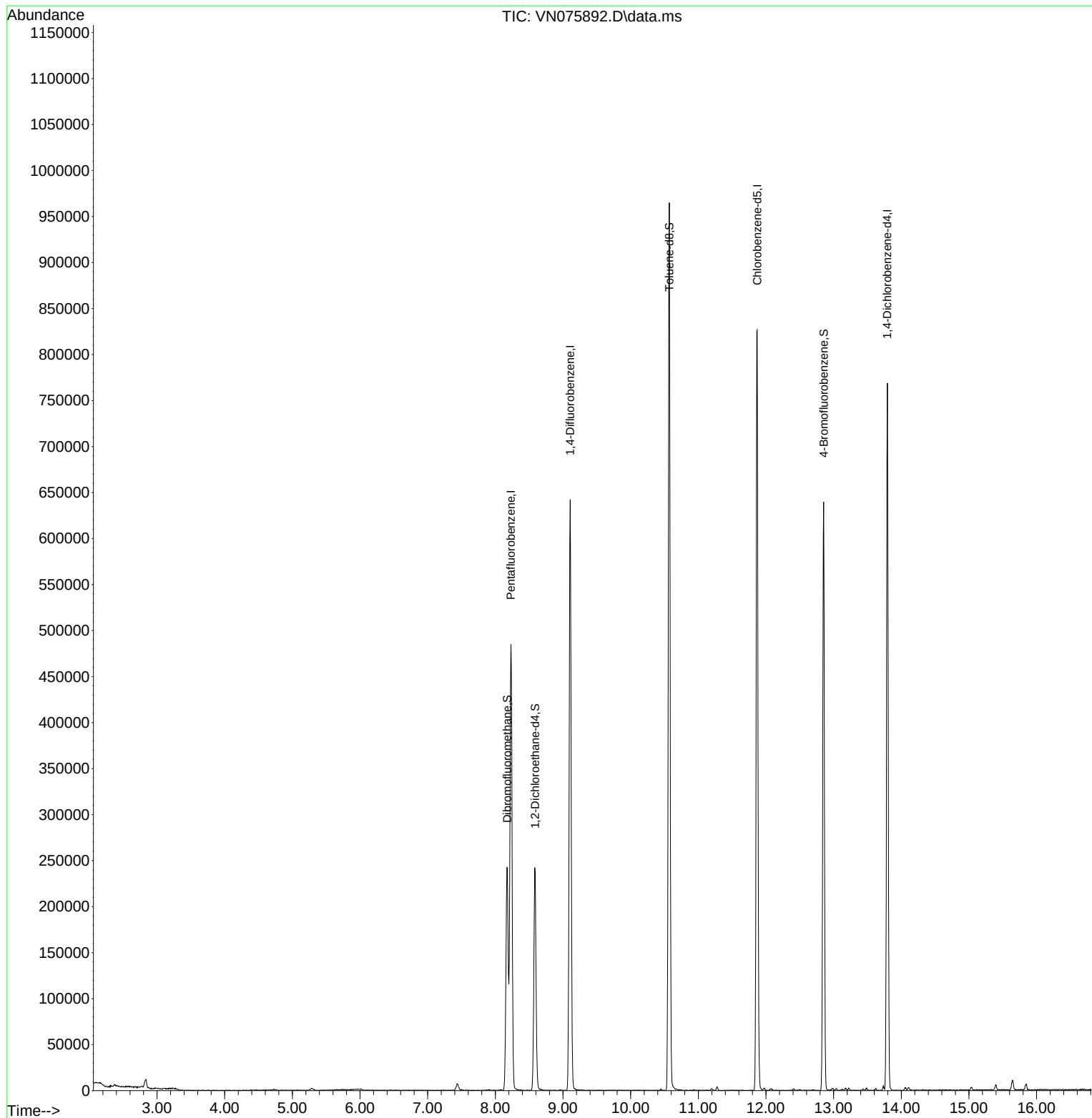
Target Compounds	Qvalue

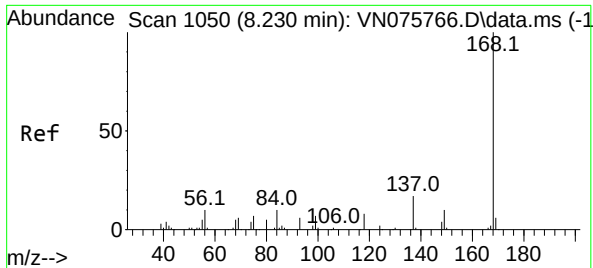
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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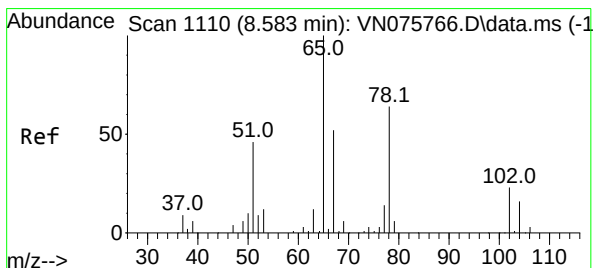
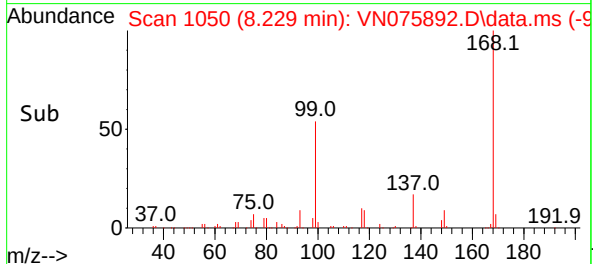
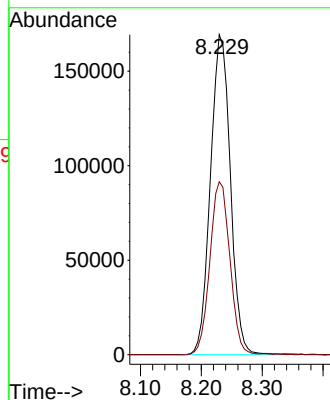
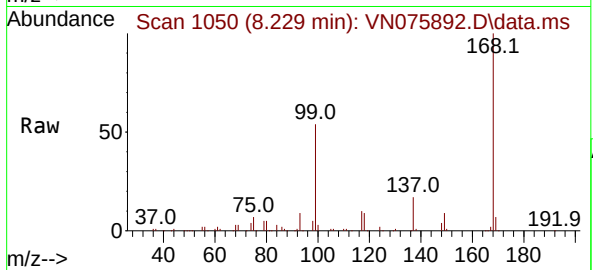




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075892.D
Acq: 20 Dec 2022 12:35

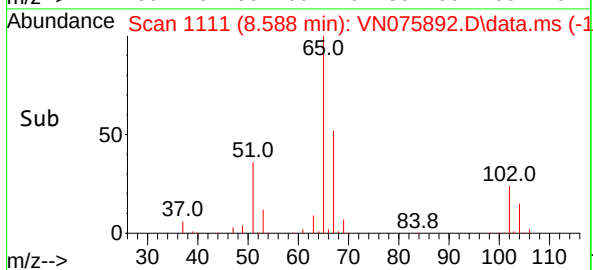
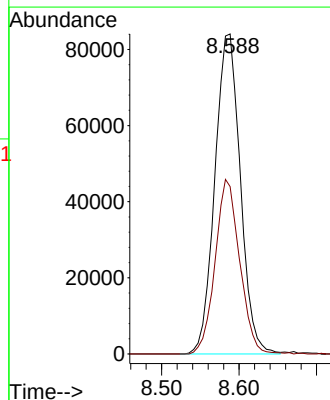
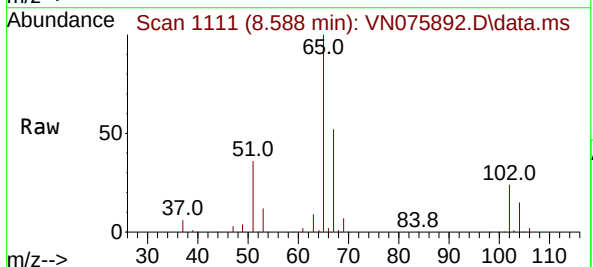
Instrument :
MSVOA_N
ClientSampleId :
IBLK

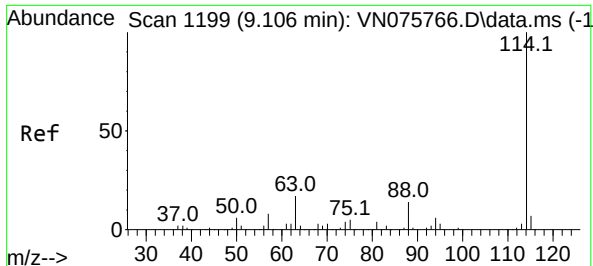
Tgt Ion:168 Resp: 385273
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.801 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075892.D
Acq: 20 Dec 2022 12:35

Tgt Ion: 65 Resp: 191970
Ion Ratio Lower Upper
65 100
67 52.6 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: VN075892.D

Acq: 20 Dec 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

IBLK

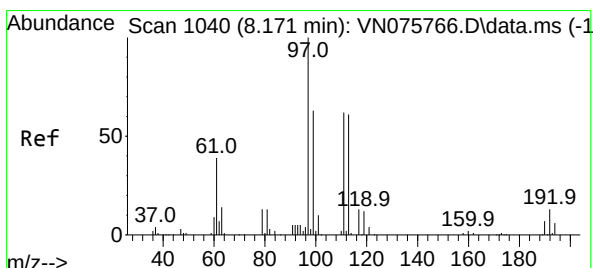
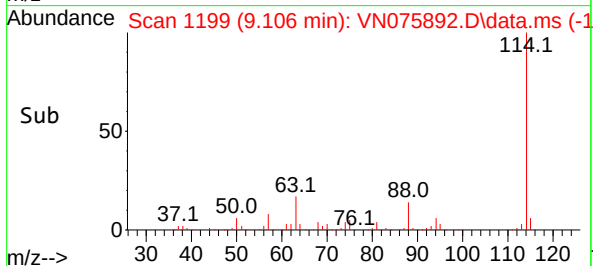
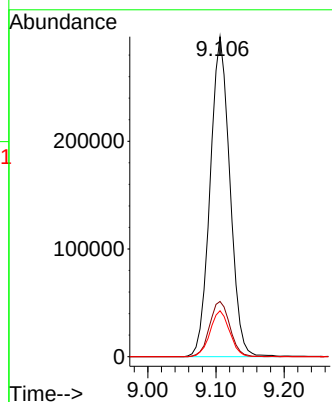
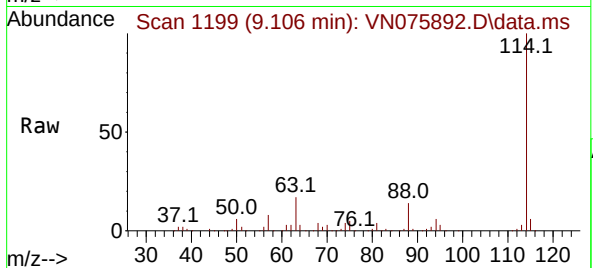
Tgt Ion:114 Resp: 598620

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.520 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075892.D

Acq: 20 Dec 2022 12:35

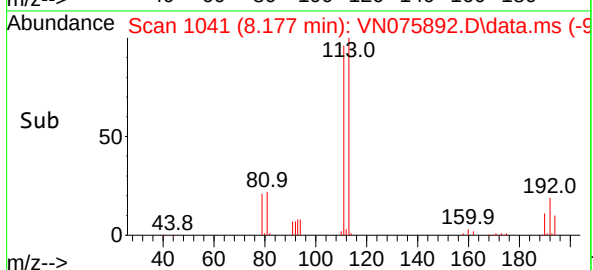
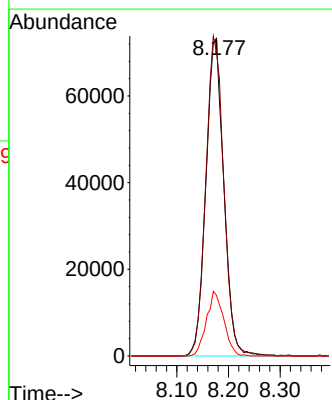
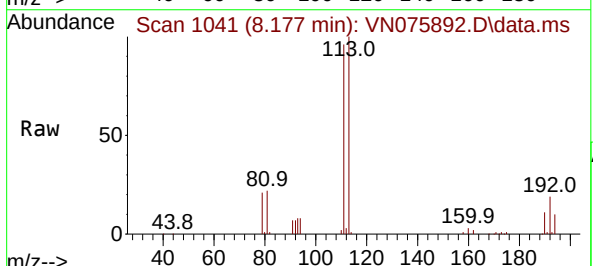
Tgt Ion:113 Resp: 176164

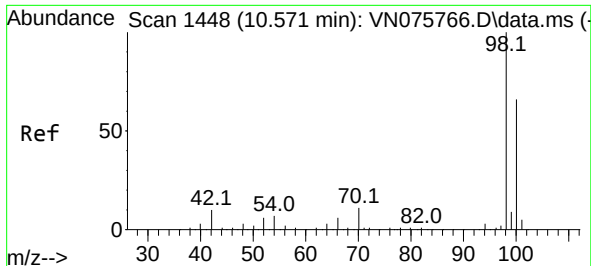
Ion Ratio Lower Upper

113 100

111 101.1 83.4 125.2

192 19.8 16.1 24.1

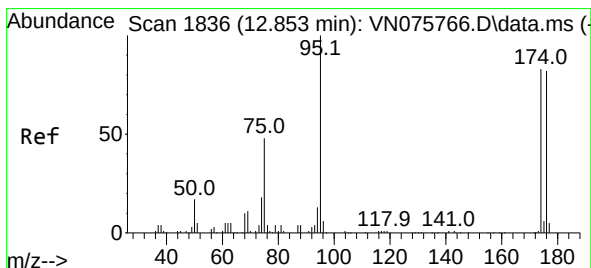
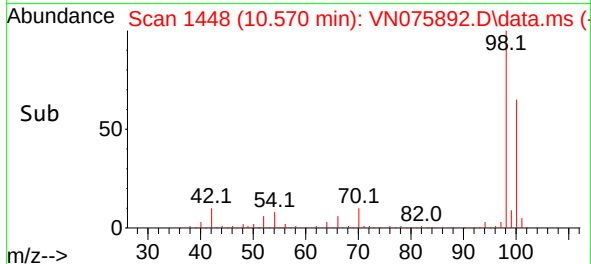
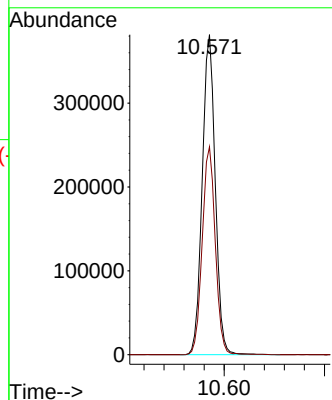
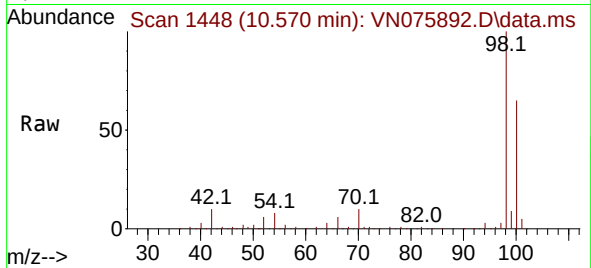




#50
Toluene-d8
Concen: 49.565 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075892.D
Acq: 20 Dec 2022 12:35

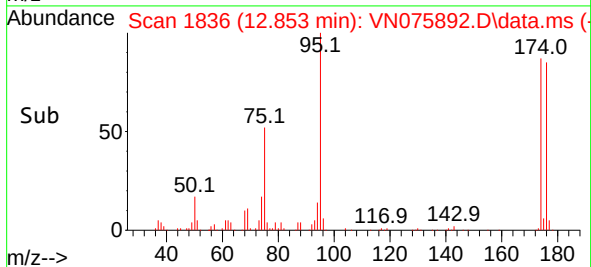
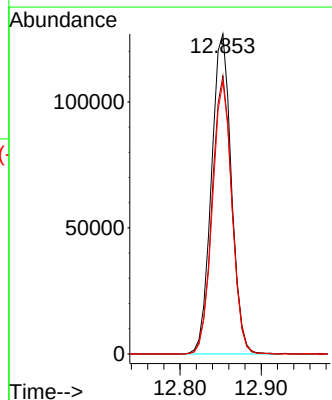
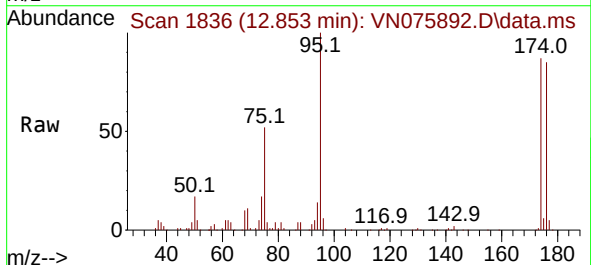
Instrument :
MSVOA_N
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IBLK

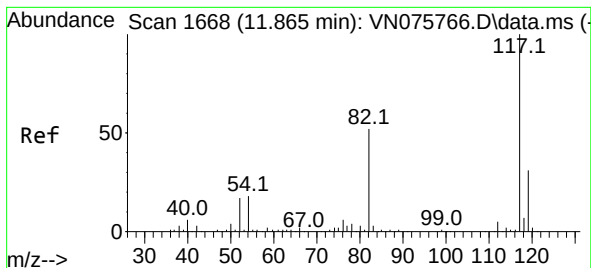
Tgt Ion: 98 Resp: 687010
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.146 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075892.D
Acq: 20 Dec 2022 12:35

Tgt Ion: 95 Resp: 216436
Ion Ratio Lower Upper
95 100
174 86.2 0.0 171.6
176 83.3 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075892.D

Acq: 20 Dec 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

IBLK

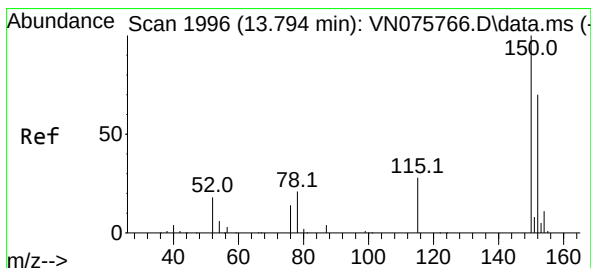
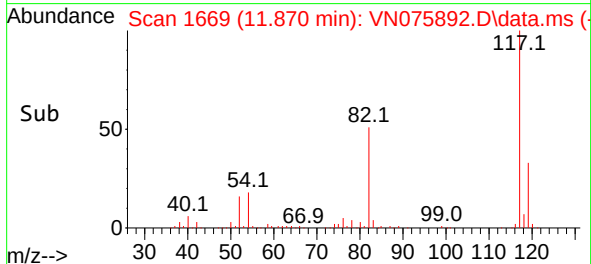
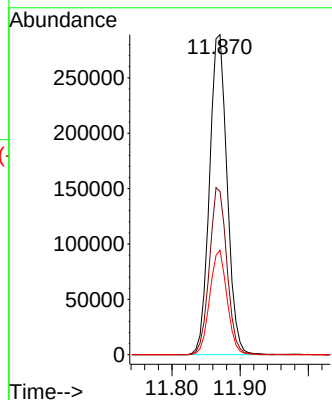
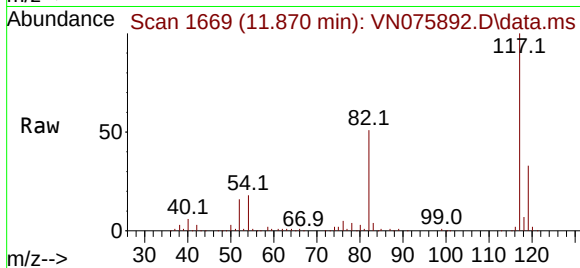
Tgt Ion:117 Resp: 519976

Ion Ratio Lower Upper

117 100

82 51.0 41.3 61.9

119 32.7 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: VN075892.D

Acq: 20 Dec 2022 12:35

Tgt Ion:152 Resp: 220491

Ion Ratio Lower Upper

152 100

115 58.1 29.1 87.4

150 157.9 0.0 347.0

