

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076342.D
 Acq On : 20 Jan 2023 12:49
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 20 22:14:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	380795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	600775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	520817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209480	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	201241	47.199	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.400%
35) Dibromofluoromethane	8.177	113	181479	48.290	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.580%
50) Toluene-d8	10.571	98	682199	49.153	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.853	95	215843	47.638	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.280%

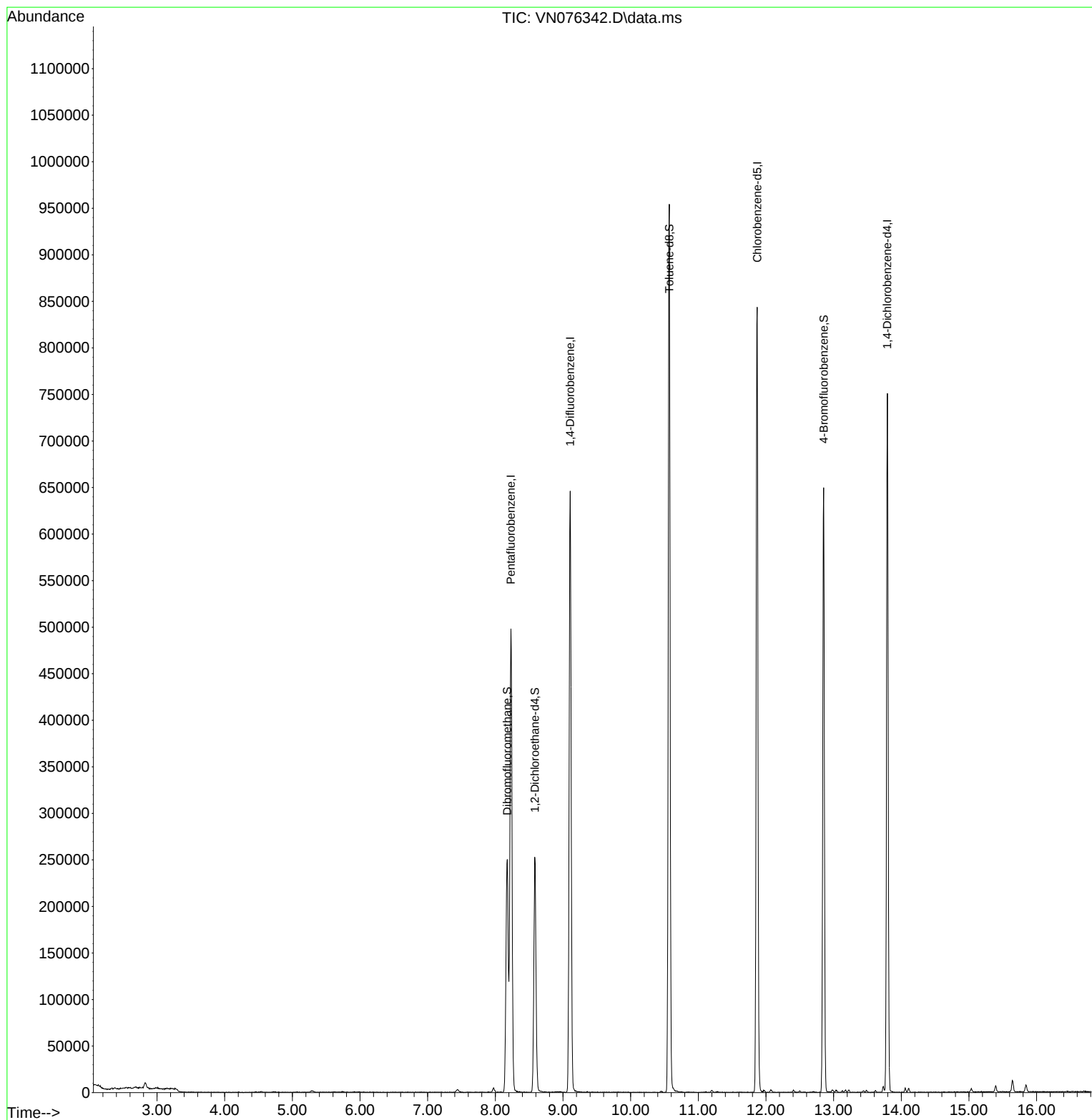
Target Compounds	Qvalue

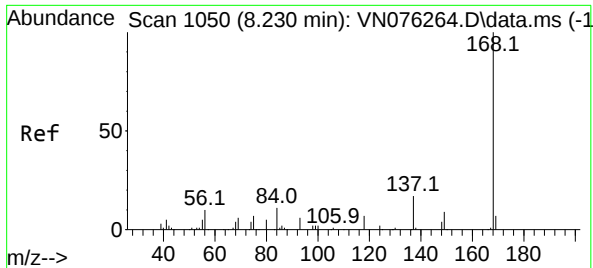
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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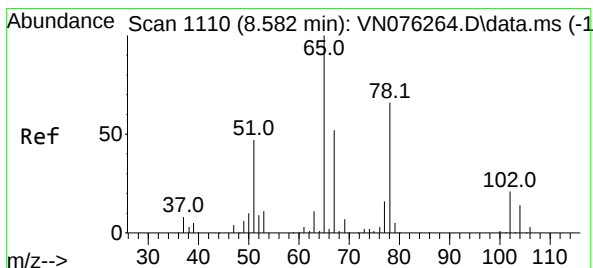
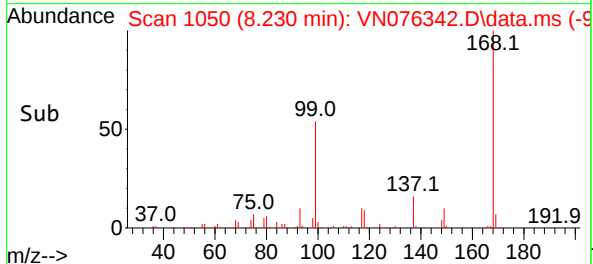
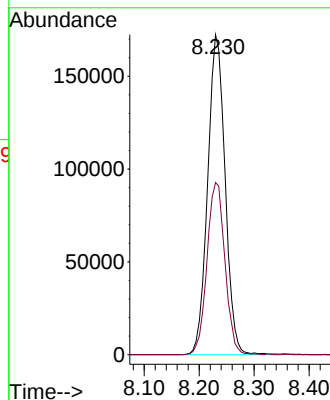
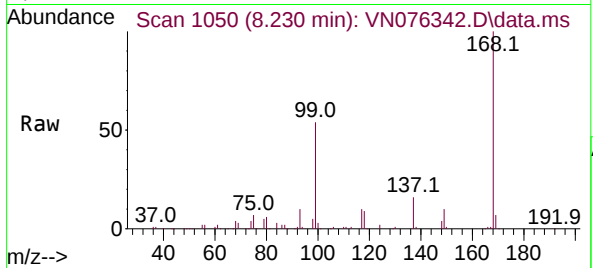




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN076342.D
Acq: 20 Jan 2023 12:49

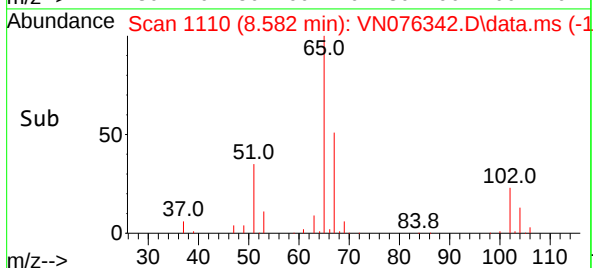
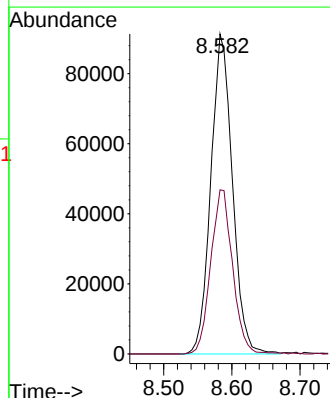
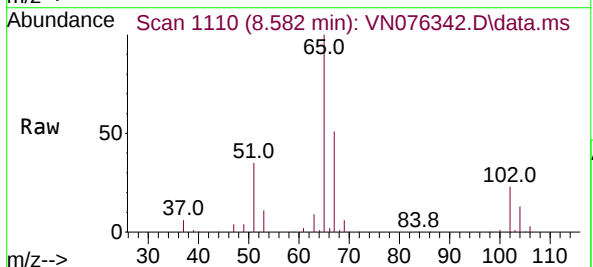
Instrument :
MSVOA_N
ClientSampleId :
IBLK

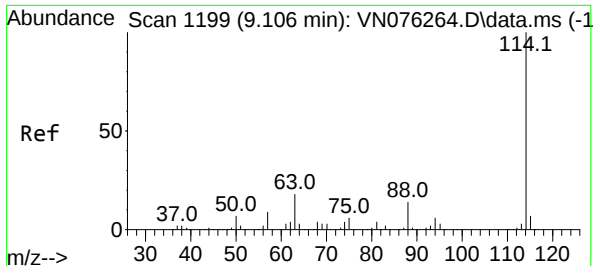
Tgt Ion:168 Resp: 380795
Ion Ratio Lower Upper
168 100
99 53.8 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 47.199 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076342.D
Acq: 20 Jan 2023 12:49

Tgt Ion: 65 Resp: 201241
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076342.D

Acq: 20 Jan 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

IBLK

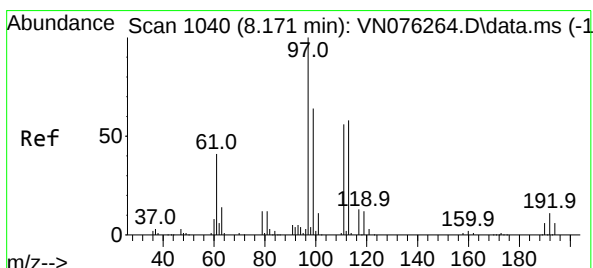
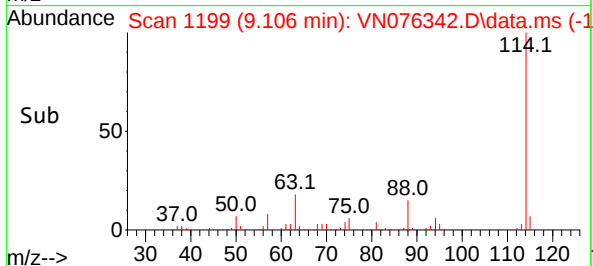
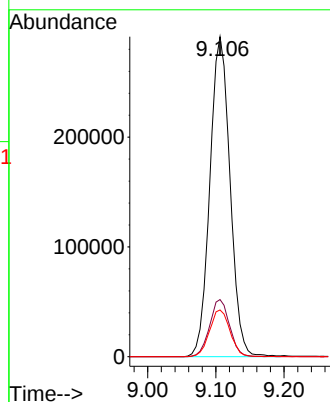
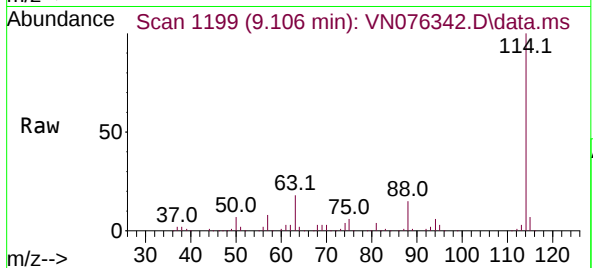
Tgt Ion:114 Resp: 600775

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.8

88 14.6 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.290 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076342.D

Acq: 20 Jan 2023 12:49

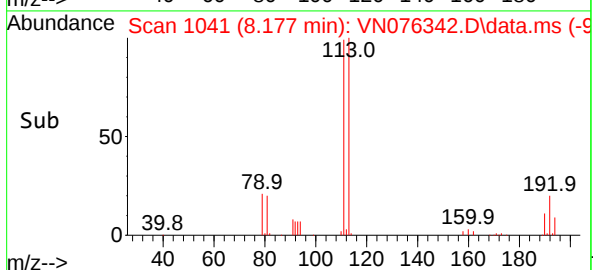
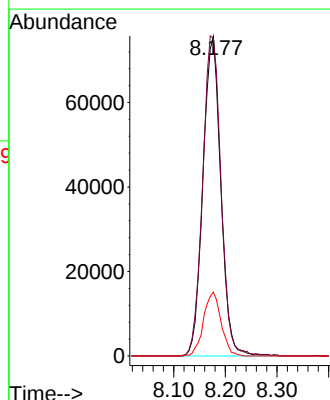
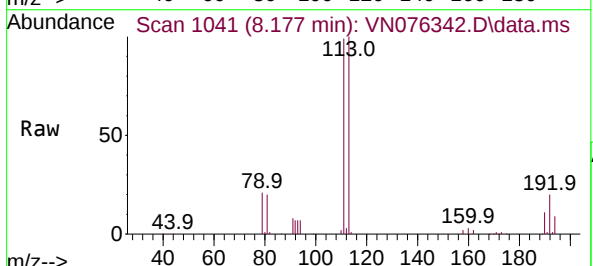
Tgt Ion:113 Resp: 181479

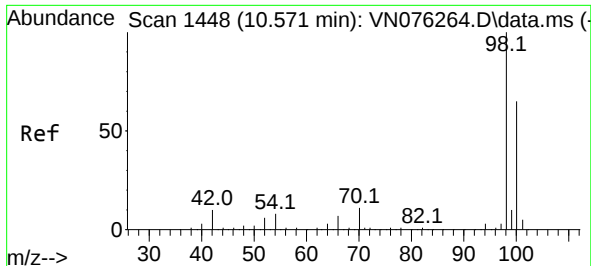
Ion Ratio Lower Upper

113 100

111 103.0 82.7 124.1

192 19.7 15.6 23.4

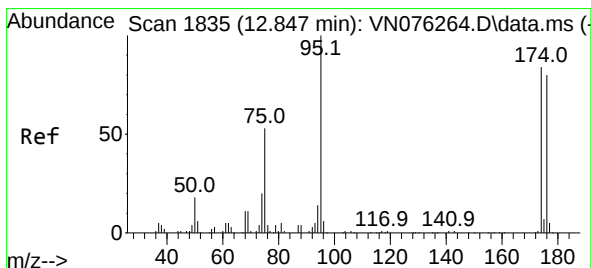
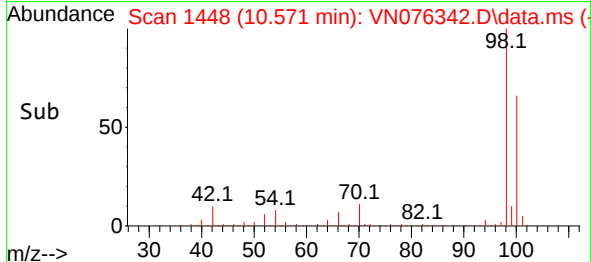
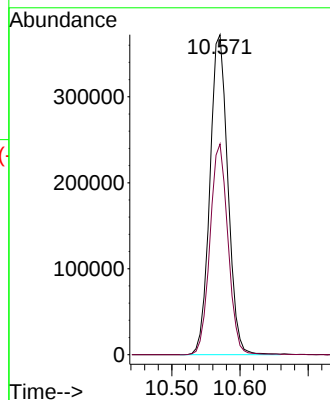
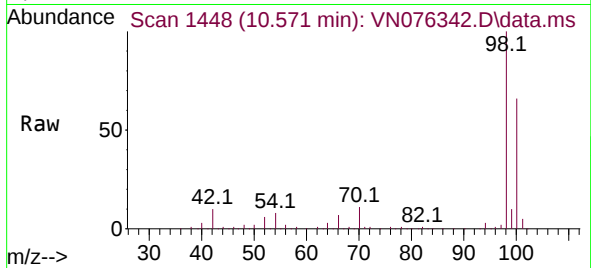




#50
Toluene-d8
Concen: 49.153 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076342.D
Acq: 20 Jan 2023 12:49

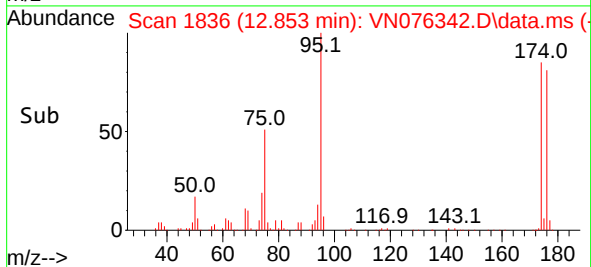
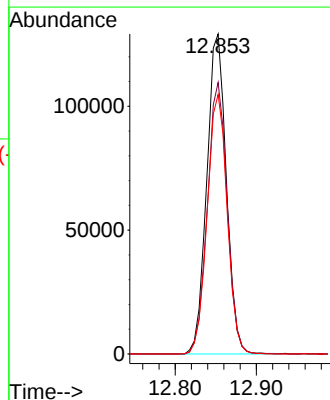
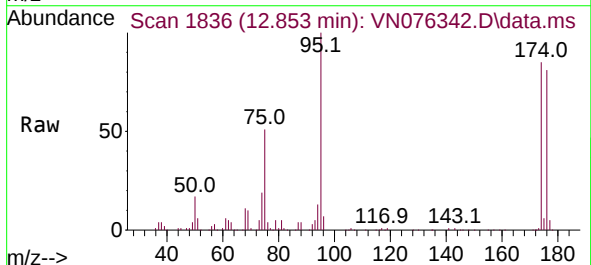
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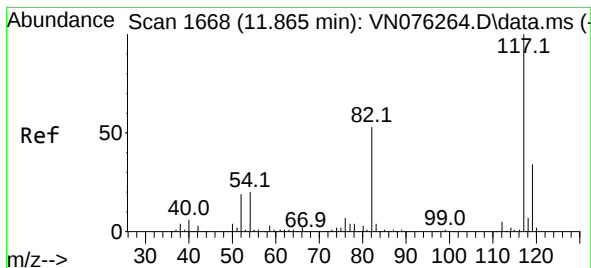
Tgt Ion: 98 Resp: 682199
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.638 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076342.D
Acq: 20 Jan 2023 12:49

Tgt Ion: 95 Resp: 215843
Ion Ratio Lower Upper
95 100
174 86.0 0.0 174.6
176 82.4 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076342.D

Acq: 20 Jan 2023 12:49

Instrument :

MSVOA_N

ClientSampleId :

IBLK

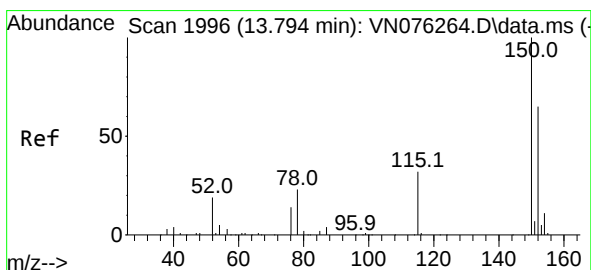
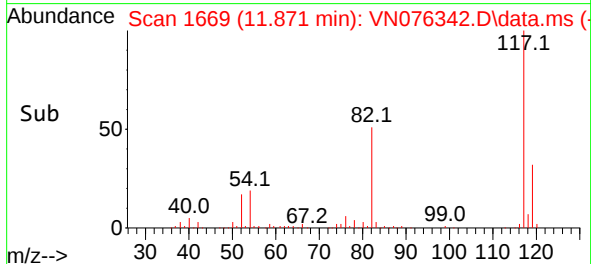
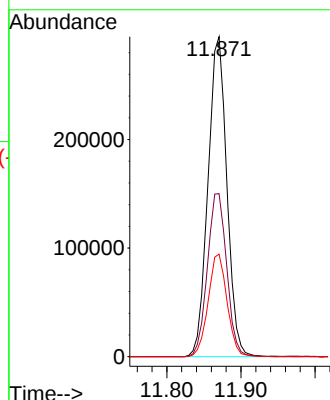
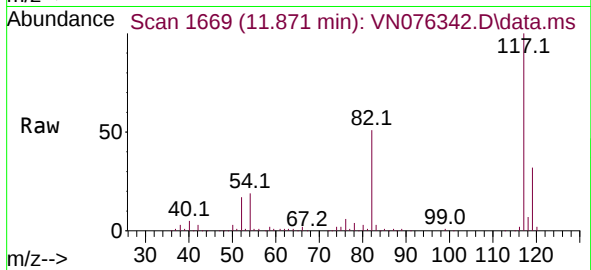
Tgt Ion:117 Resp: 520817

Ion Ratio Lower Upper

117 100

82 51.0 42.2 63.2

119 32.1 26.9 40.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076342.D

Acq: 20 Jan 2023 12:49

Tgt Ion:152 Resp: 209480

Ion Ratio Lower Upper

152 100

115 57.8 29.6 88.9

150 157.6 0.0 351.4

