

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073458.D
 Acq On : 14 Jul 2022 12:59
 Operator : JC\MD
 Sample : VN0714WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBL01

Quant Time: Jul 15 02:00:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	271758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	462806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	421733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	206175	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	199767	50.920	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.840%
35) Dibromofluoromethane	7.951	113	161842	52.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.120%
50) Toluene-d8	10.381	98	524121	47.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.669	95	219675	52.271	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.540%

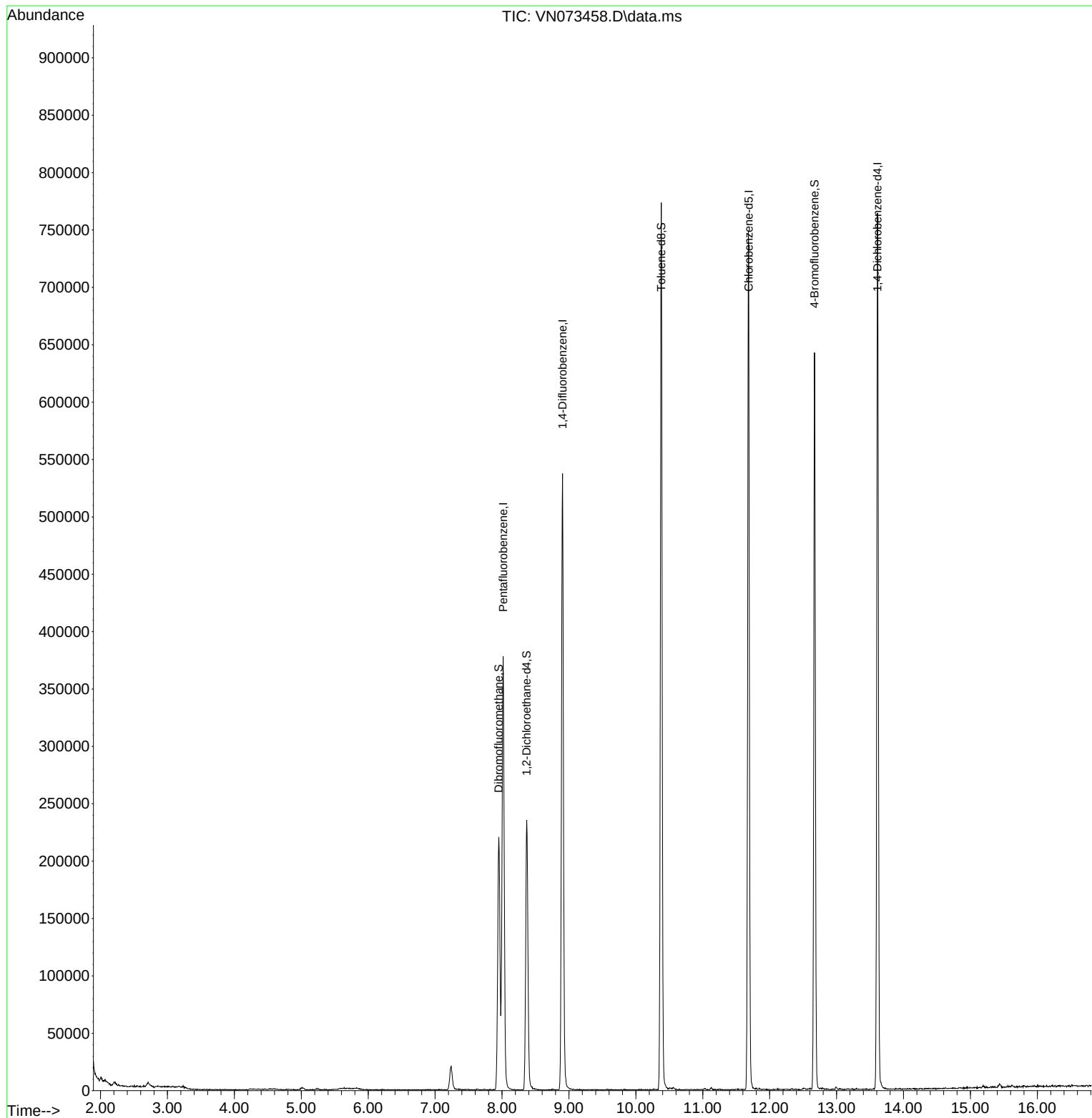
Target Compounds	Qvalue

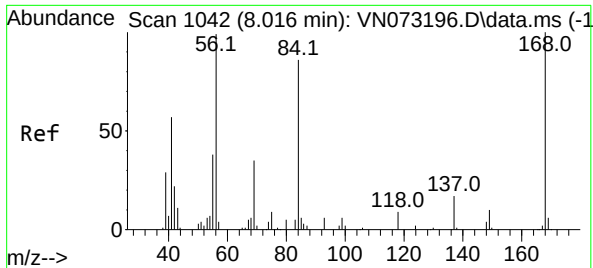
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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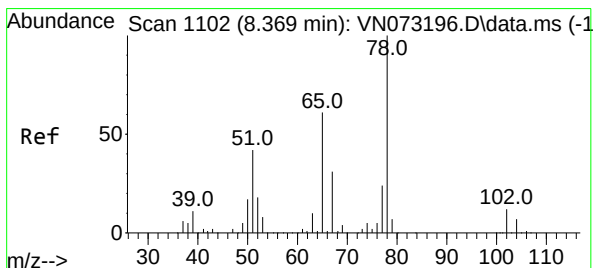
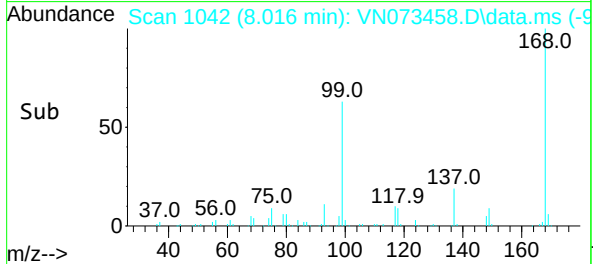
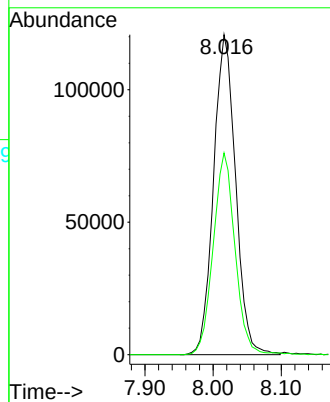
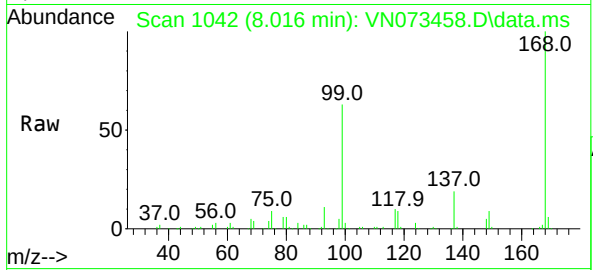




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

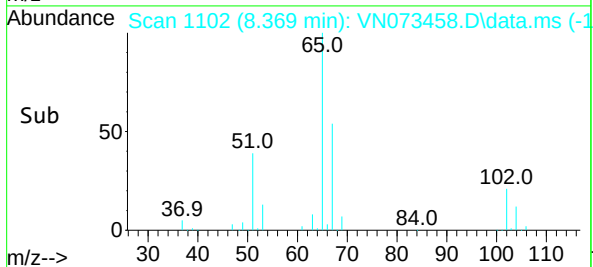
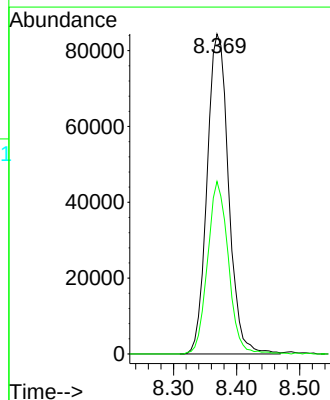
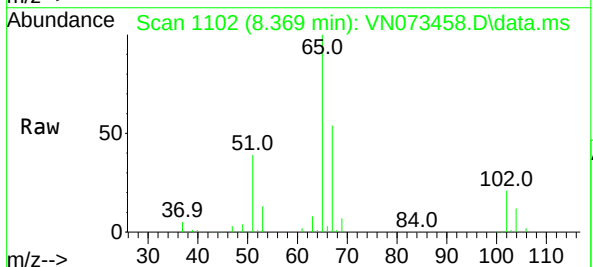
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL01

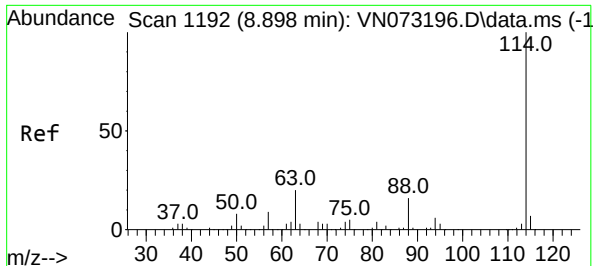
Tgt Ion:168 Resp: 271758
Ion Ratio Lower Upper
168 100
99 63.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 50.920 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

Tgt Ion: 65 Resp: 199767
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073458.D

Acq: 14 Jul 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBL01

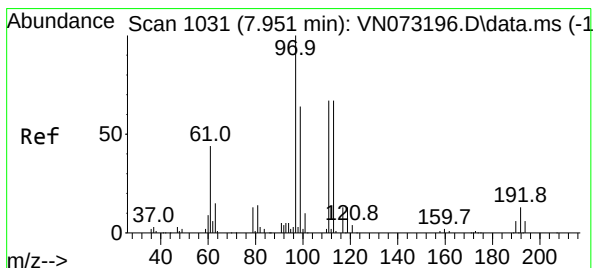
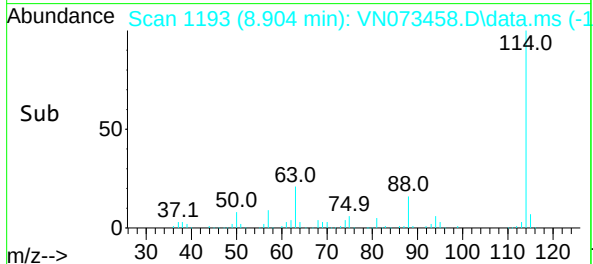
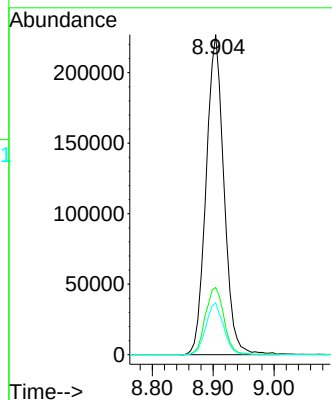
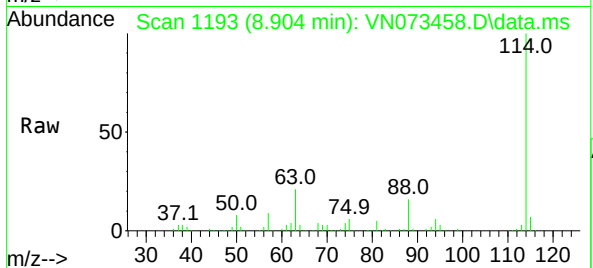
Tgt Ion:114 Resp: 462806

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.0

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.561 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073458.D

Acq: 14 Jul 2022 12:59

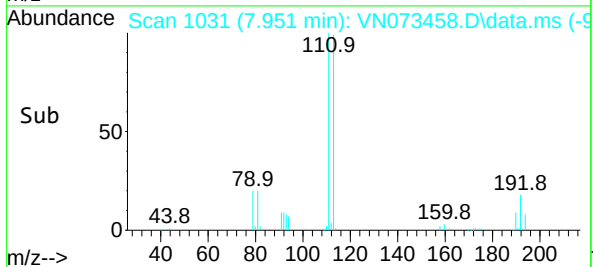
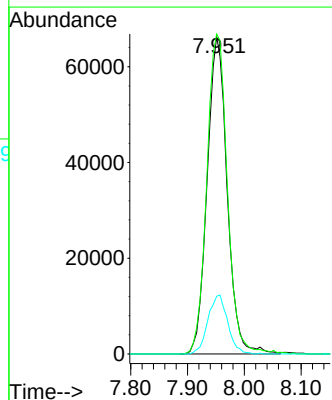
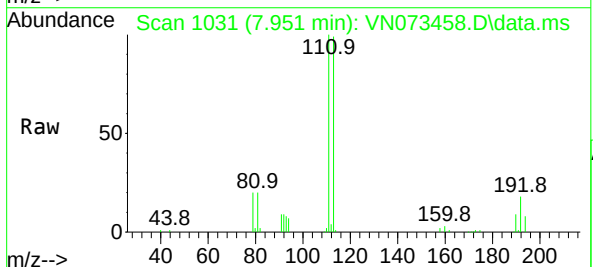
Tgt Ion:113 Resp: 161842

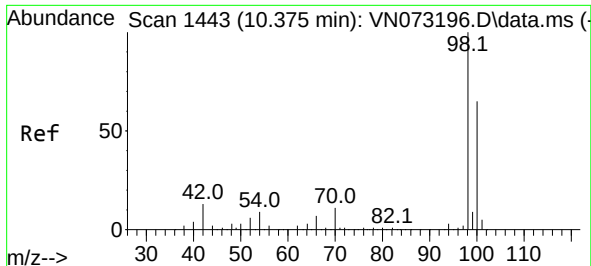
Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 18.3 17.0 25.6

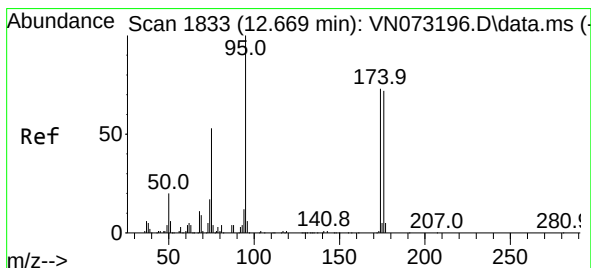
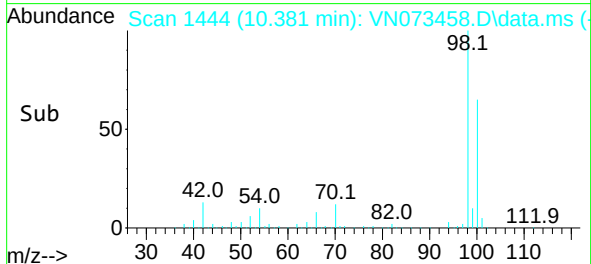
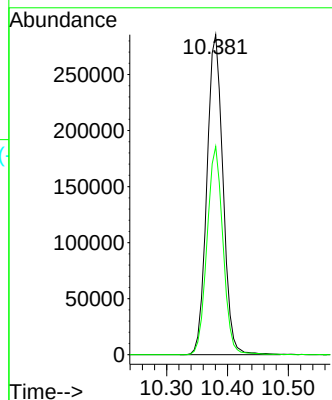
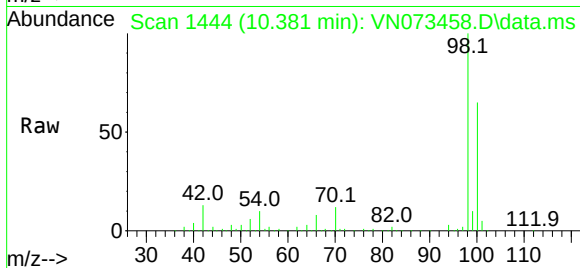




#50
Toluene-d8
Concen: 47.926 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

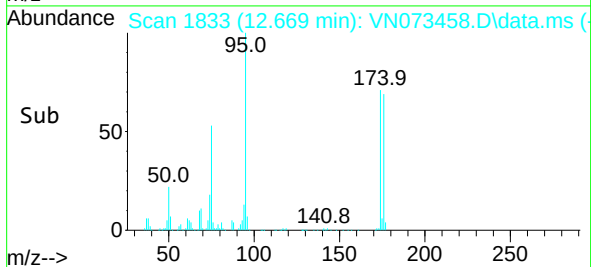
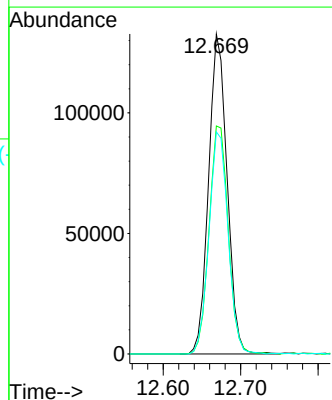
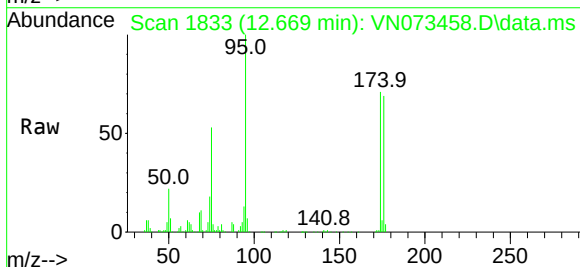
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBL01

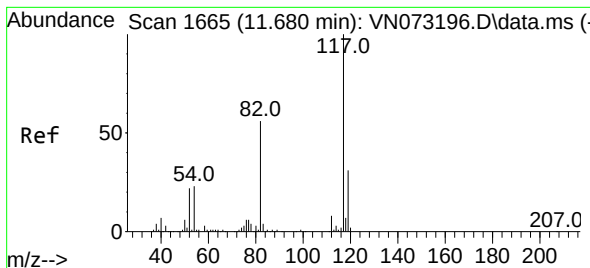
Tgt Ion: 98 Resp: 524121
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.271 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073458.D
Acq: 14 Jul 2022 12:59

Tgt Ion: 95 Resp: 219675
Ion Ratio Lower Upper
95 100
174 74.0 0.0 167.6
176 71.6 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073458.D

Acq: 14 Jul 2022 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBL01

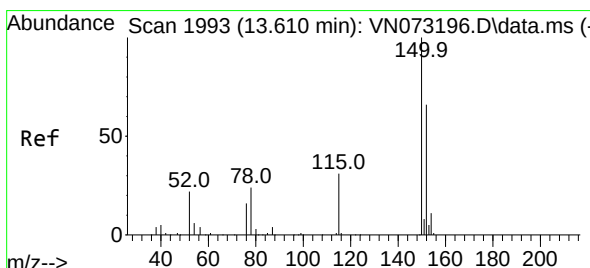
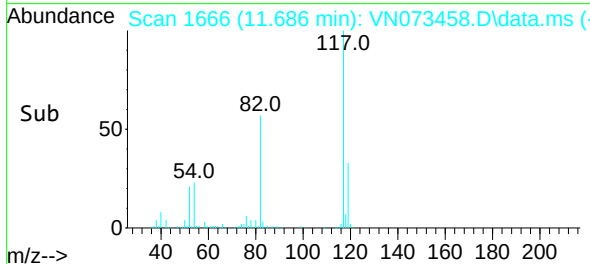
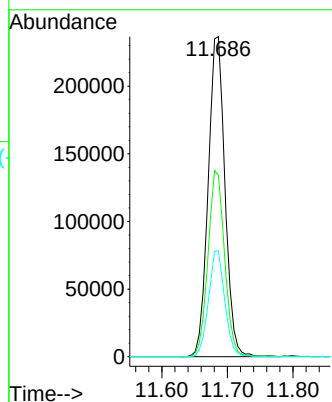
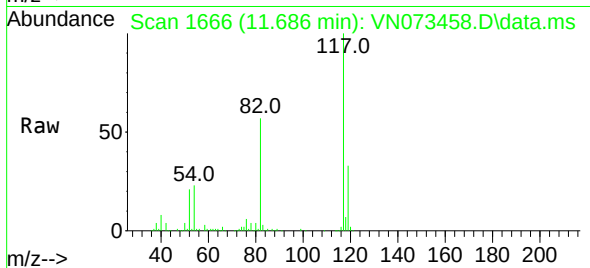
Tgt Ion:117 Resp: 421733

Ion Ratio Lower Upper

117 100

82 56.6 44.2 66.2

119 33.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073458.D

Acq: 14 Jul 2022 12:59

Tgt Ion:152 Resp: 206175

Ion Ratio Lower Upper

152 100

115 60.5 28.9 86.7

150 154.8 0.0 356.2

