

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072889.D
 Acq On : 16 Jun 2022 19:37
 Operator : JC\MD
 Sample : VN0616MBL01
 Misc : 5.0g/5.00mL/100uL/5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616MBL01

Quant Time: Jun 17 06:06:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 06:04:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	244086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	407349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	396856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	166938	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	232013	51.449	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.900%
35) Dibromofluoromethane	7.951	113	182631	49.357	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.720%
50) Toluene-d8	10.374	98	699073	48.267	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.668	95	212985	42.391	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.780%

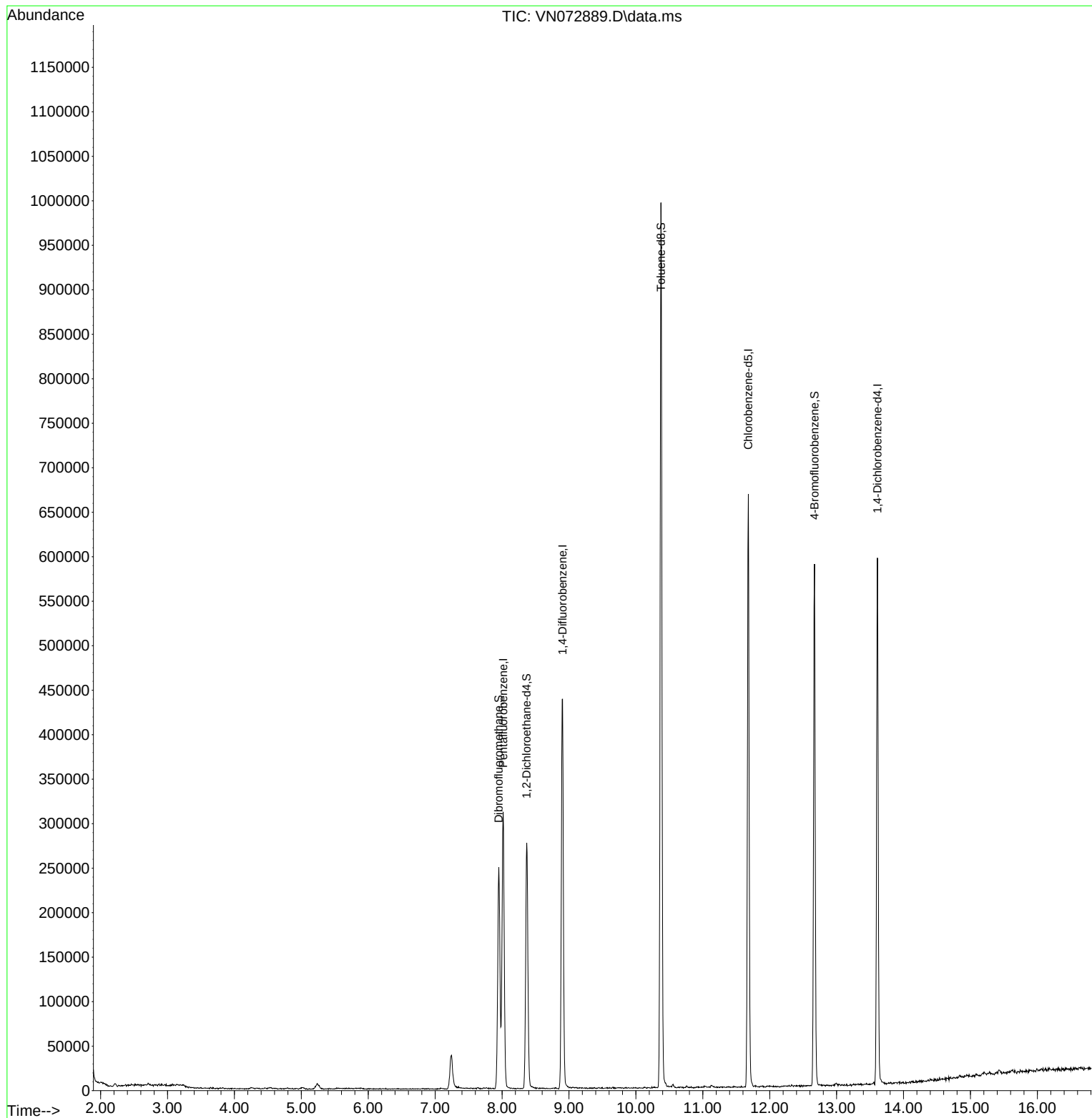
Target Compounds	Qvalue

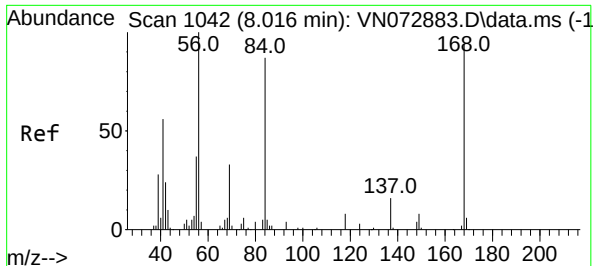
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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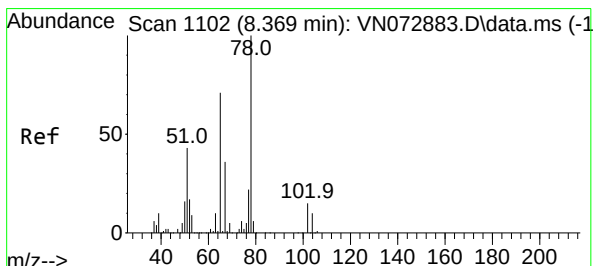
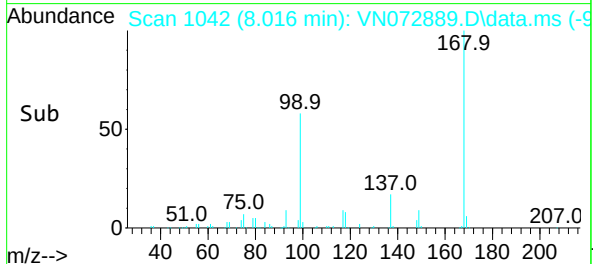
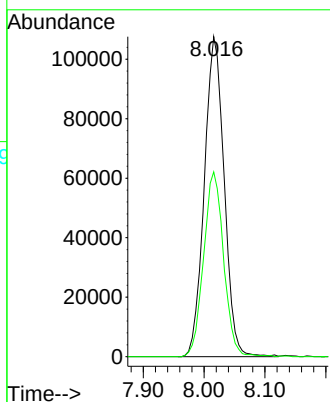
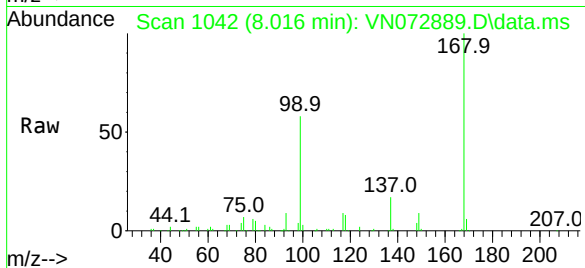




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

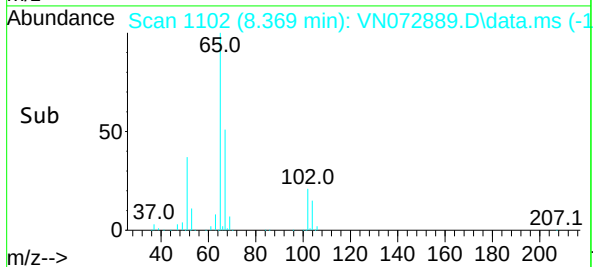
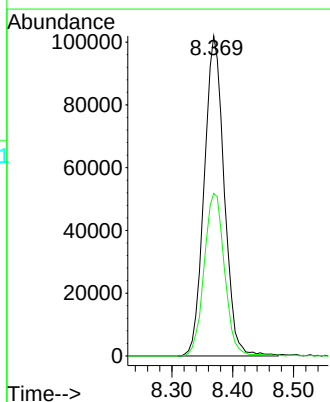
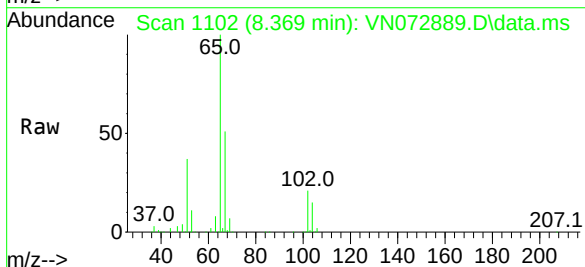
Instrument :
MSVOA_N
ClientSampleId :
VN0616MBL01

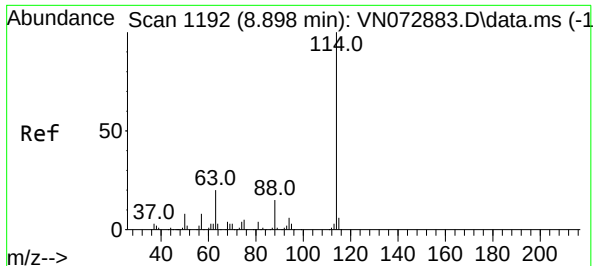
Tgt Ion:168 Resp: 244086
Ion Ratio Lower Upper
168 100
99 57.7 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 51.449 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

Tgt Ion: 65 Resp: 232013
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN072889.D

Acq: 16 Jun 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

VN0616MBL01

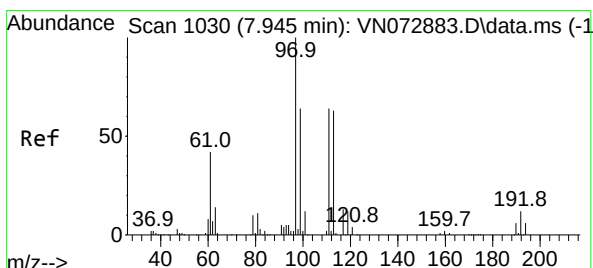
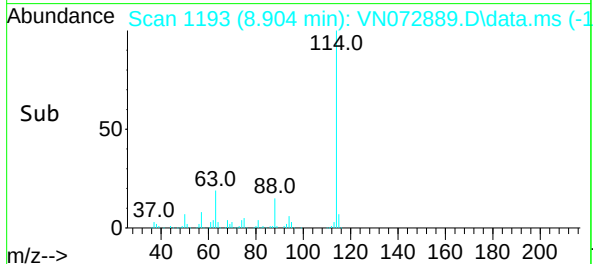
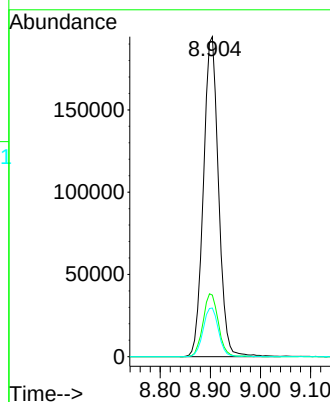
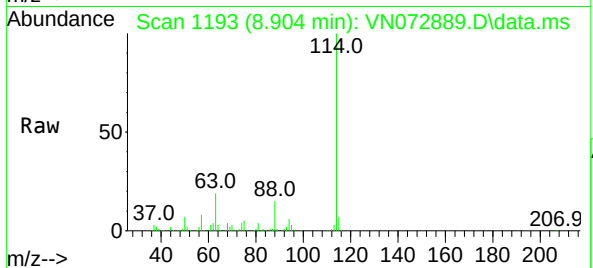
Tgt Ion:114 Resp: 407349

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.357 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN072889.D

Acq: 16 Jun 2022 19:37

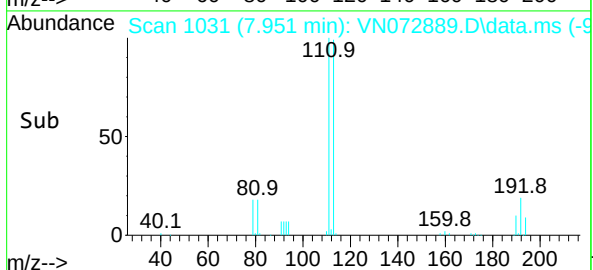
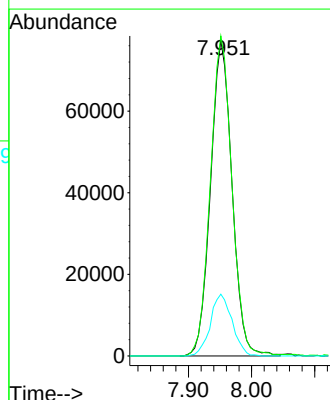
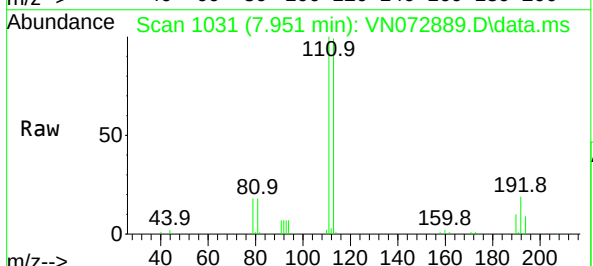
Tgt Ion:113 Resp: 182631

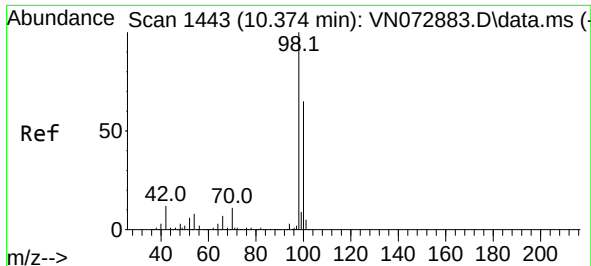
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 19.8 17.0 25.6

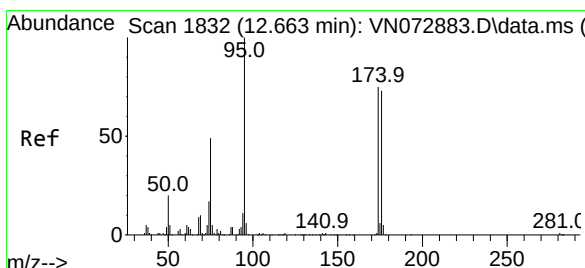
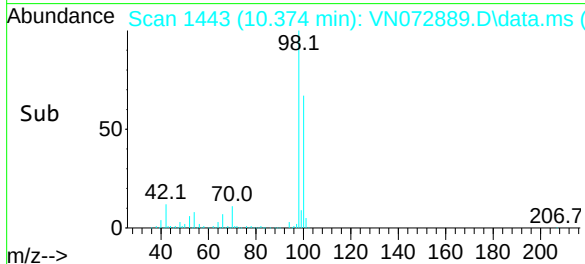
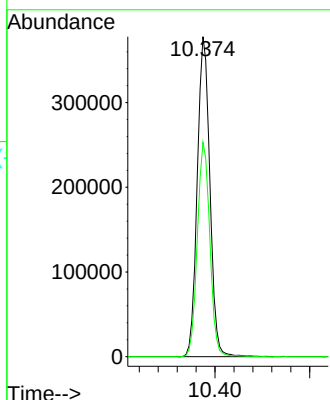
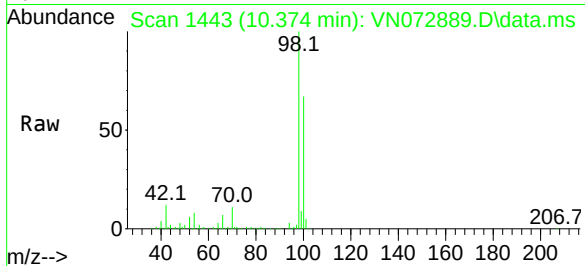




#50
Toluene-d8
Concen: 48.267 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

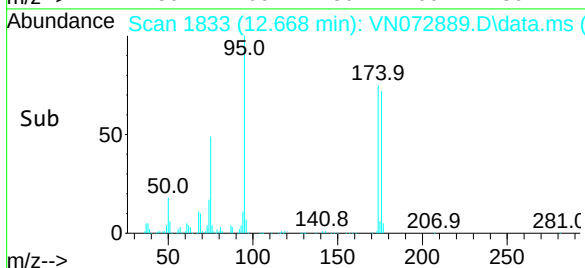
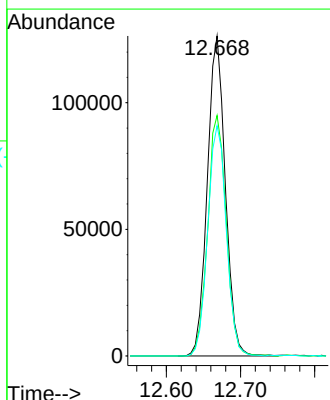
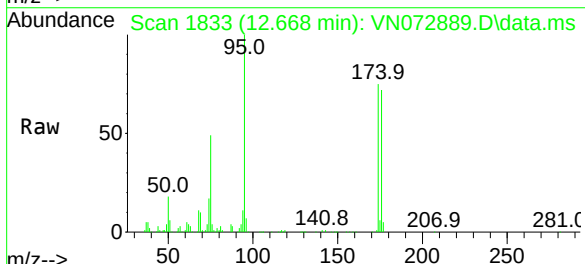
Instrument :
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VN0616MBL01

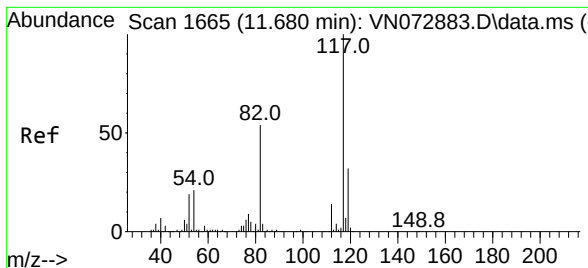
Tgt Ion: 98 Resp: 699073
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 42.391 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN072889.D
Acq: 16 Jun 2022 19:37

Tgt Ion: 95 Resp: 212985
Ion Ratio Lower Upper
95 100
174 77.4 0.0 167.6
176 74.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072889.D

Acq: 16 Jun 2022 19:37

Instrument :

MSVOA_N

ClientSampleId :

VN0616MBL01

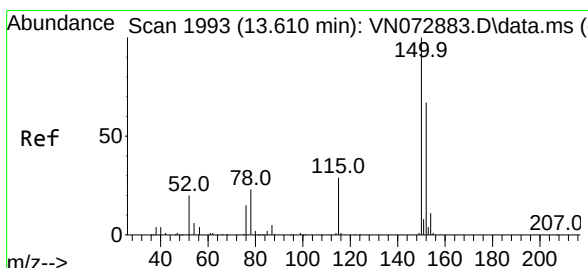
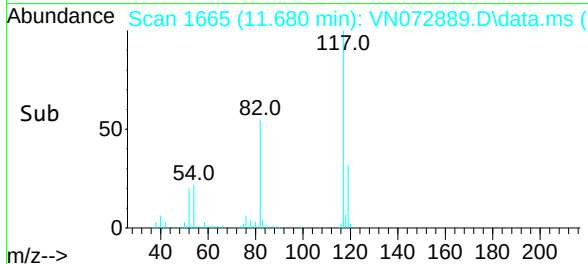
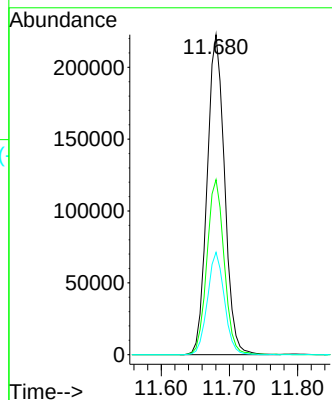
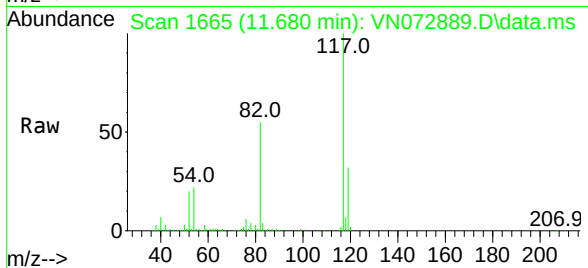
Tgt Ion:117 Resp: 396856

Ion Ratio Lower Upper

117 100

82 54.7 44.2 66.2

119 32.0 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: VN072889.D

Acq: 16 Jun 2022 19:37

Tgt Ion:152 Resp: 166938

Ion Ratio Lower Upper

152 100

115 59.8 28.9 86.7

150 158.9 0.0 356.2

