

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076545.D
 Acq On : 06 Feb 2023 16:27
 Operator : JC\MD
 Sample : VN0206MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206MBL01

Quant Time: Feb 07 04:45:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 01:44:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	547986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	902867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	780918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	308093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	306822	47.024	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.040%
35) Dibromofluoromethane	8.177	113	271925	48.669	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	10.571	98	1040936	49.036	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.853	95	342543	46.558	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.120%

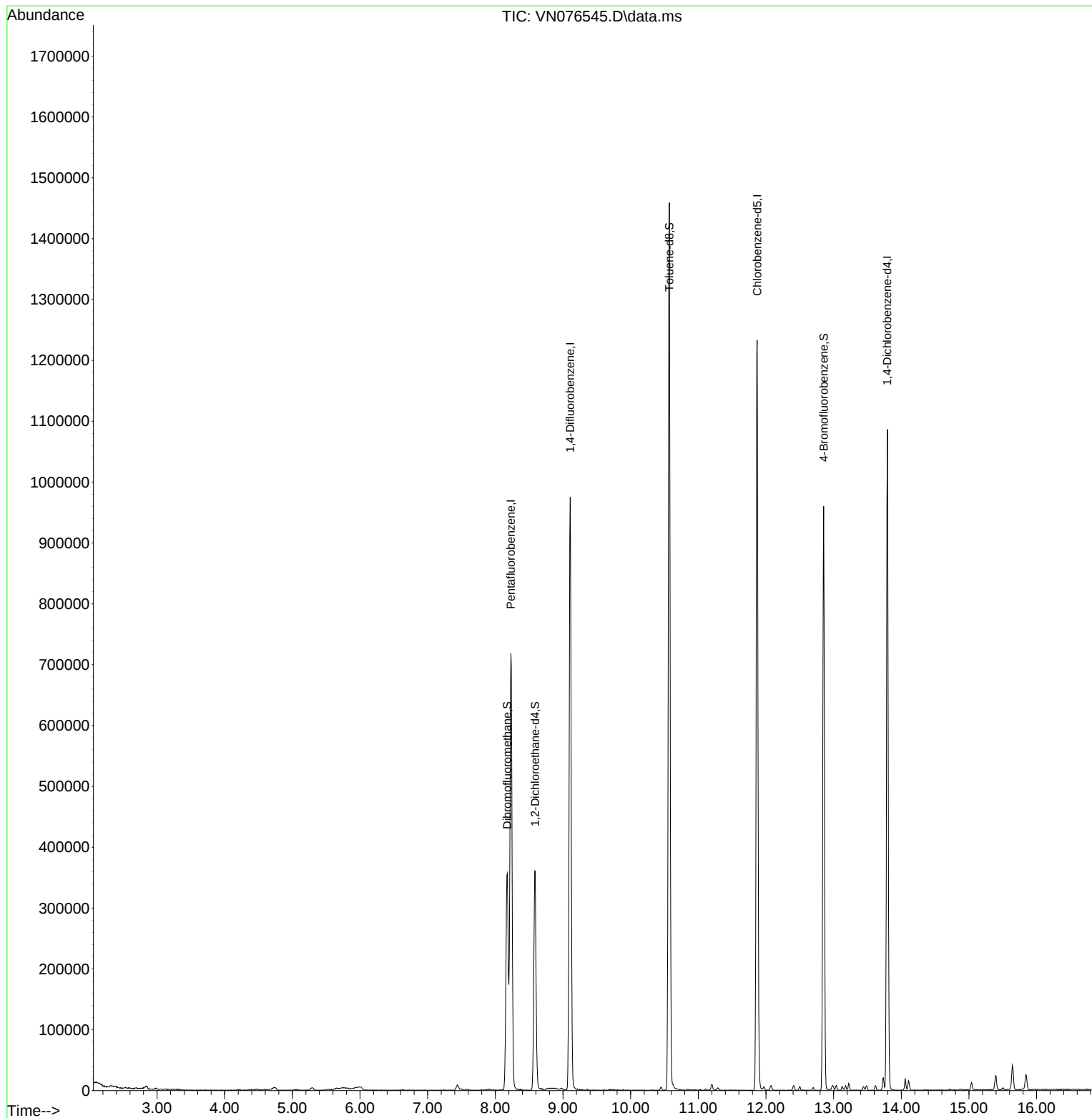
Target Compounds	Qvalue

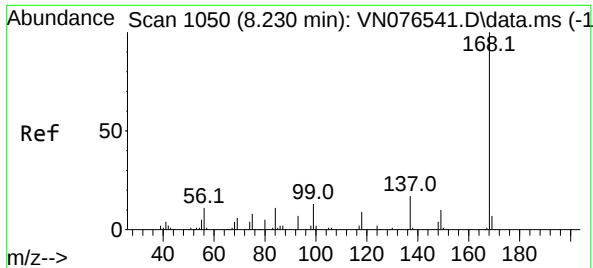
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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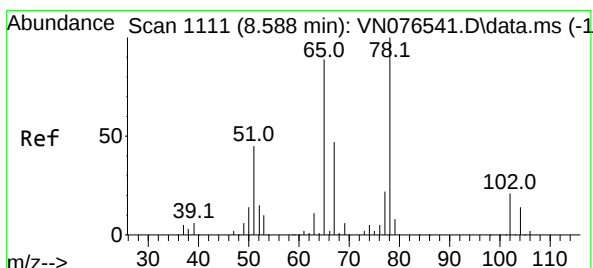
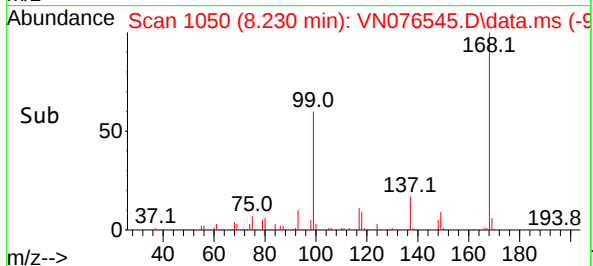
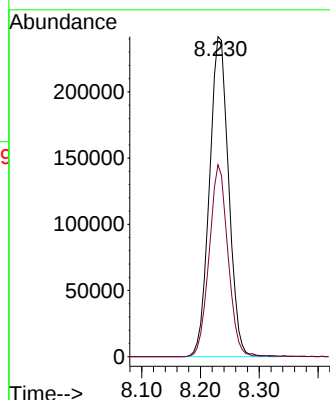
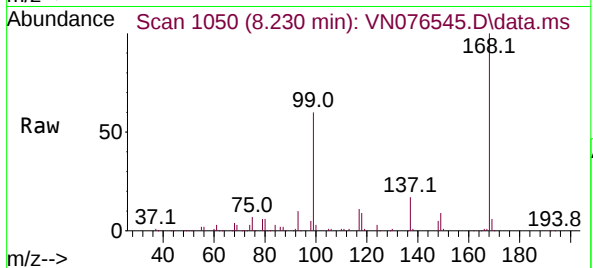




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076545.D
Acq: 06 Feb 2023 16:27

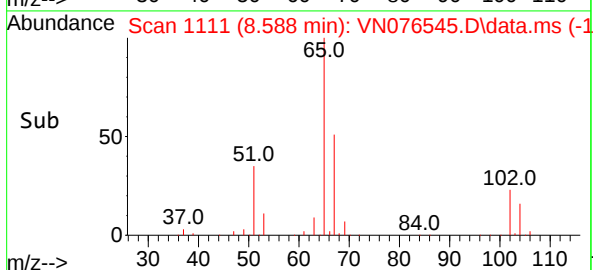
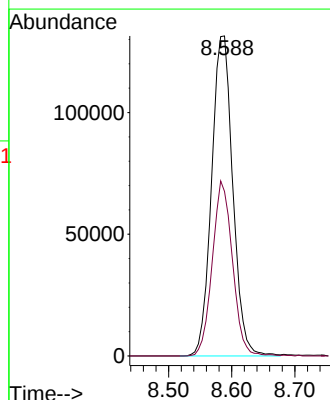
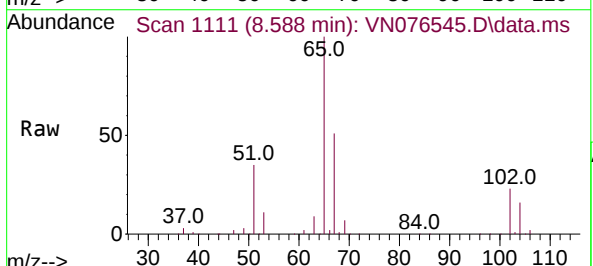
Instrument :
MSVOA_N
ClientSampleId :
VN0206MBL01

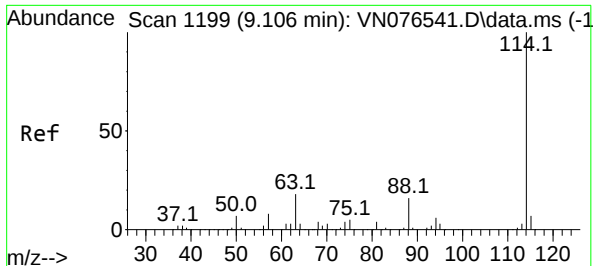
Tgt Ion:168 Resp: 547986
Ion Ratio Lower Upper
168 100
99 59.9 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 47.024 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN076545.D
Acq: 06 Feb 2023 16:27

Tgt Ion: 65 Resp: 306822
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076545.D

Acq: 06 Feb 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0206MBL01

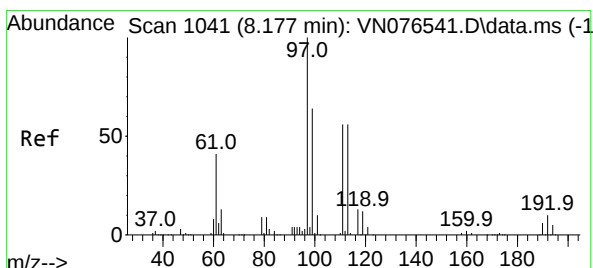
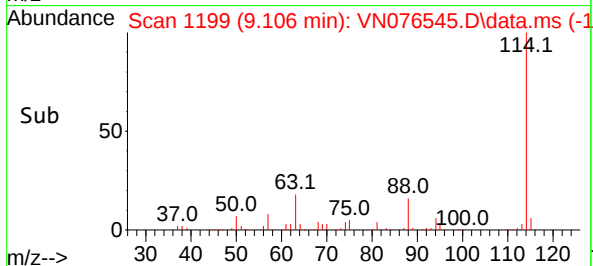
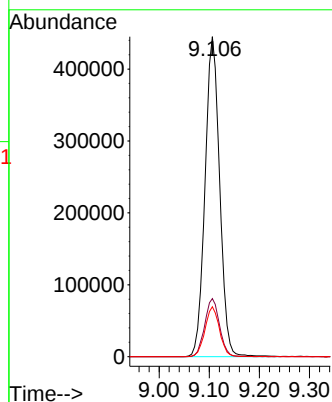
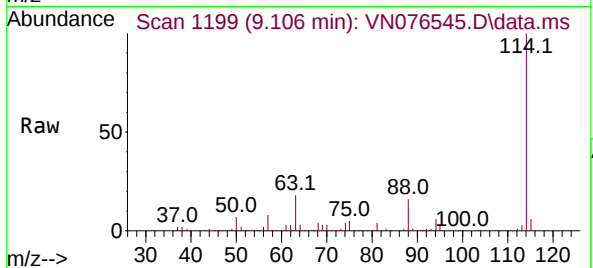
Tgt Ion:114 Resp: 902867

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.669 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN076545.D

Acq: 06 Feb 2023 16:27

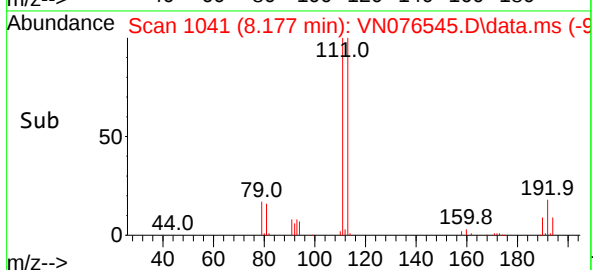
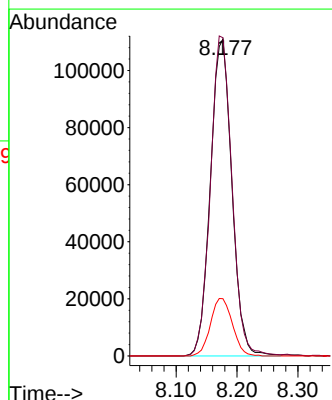
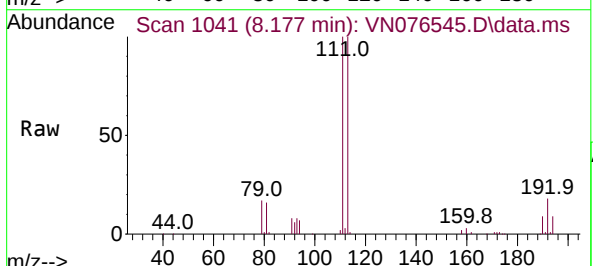
Tgt Ion:113 Resp: 271925

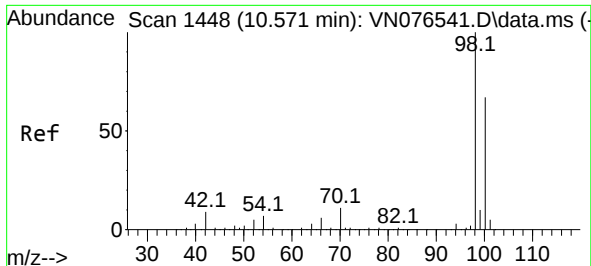
Ion Ratio Lower Upper

113 100

111 101.1 81.5 122.3

192 18.5 15.0 22.4

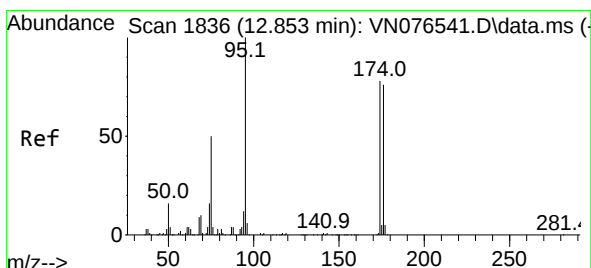
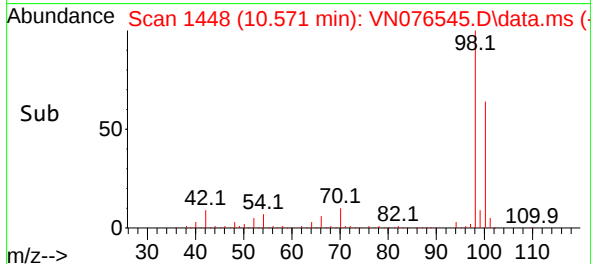
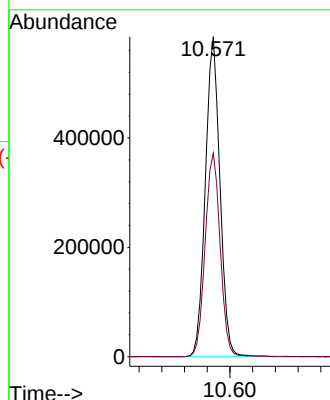
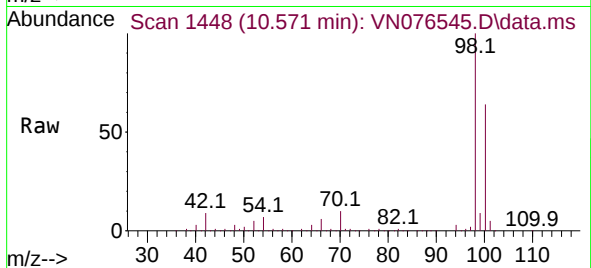




#50
Toluene-d8
Concen: 49.036 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076545.D
Acq: 06 Feb 2023 16:27

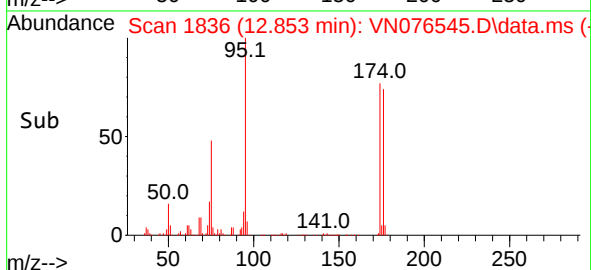
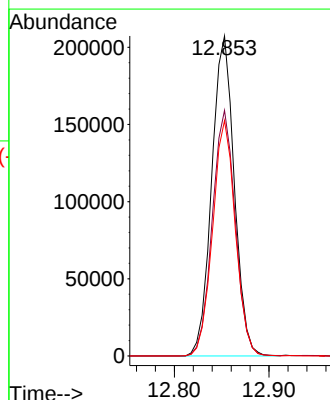
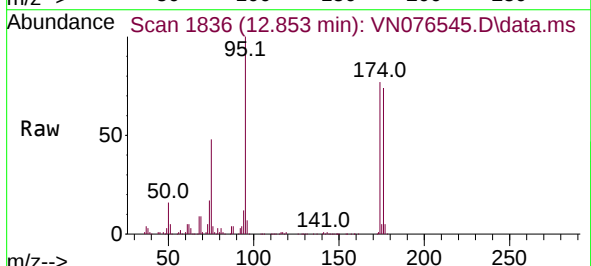
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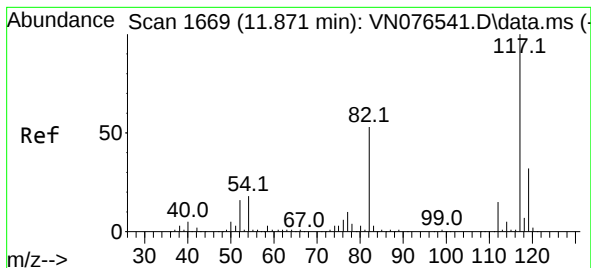
Tgt Ion: 98 Resp: 1040936
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.558 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076545.D
Acq: 06 Feb 2023 16:27

Tgt Ion: 95 Resp: 342543
Ion Ratio Lower Upper
95 100
174 78.2 0.0 153.4
176 74.2 0.0 149.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076545.D

Acq: 06 Feb 2023 16:27

Instrument :

MSVOA_N

ClientSampleId :

VN0206MBL01

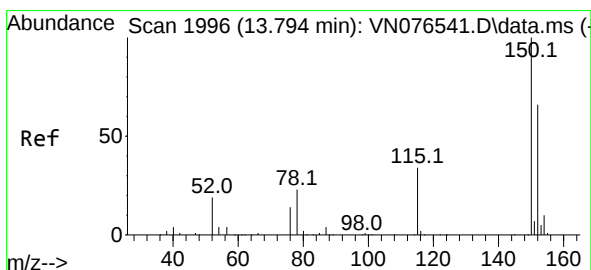
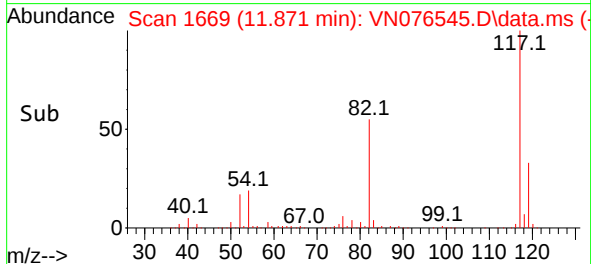
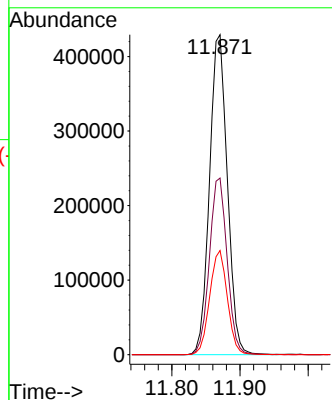
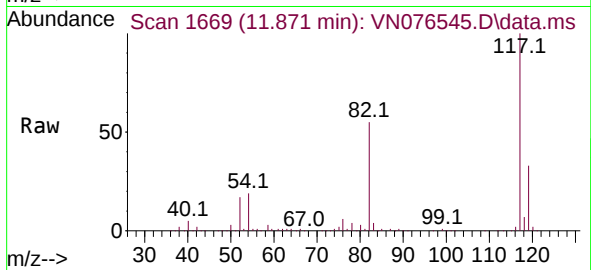
Tgt Ion:117 Resp: 780918

Ion Ratio Lower Upper

117 100

82 55.2 42.4 63.6

119 32.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076545.D

Acq: 06 Feb 2023 16:27

Tgt Ion:152 Resp: 308093

Ion Ratio Lower Upper

152 100

115 60.7 30.5 91.5

150 156.9 0.0 352.0

