

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076745.D
 Acq On : 21 Feb 2023 10:36
 Operator : JC\MD
 Sample : VN0221MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221MBL01

Quant Time: Feb 22 04:10:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	244143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	436804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	385909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	150949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	175579	52.081	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.160%
35) Dibromofluoromethane	8.172	113	139607	48.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.600%
50) Toluene-d8	10.571	98	525061	49.150	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.854	95	155870	44.053	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.100%

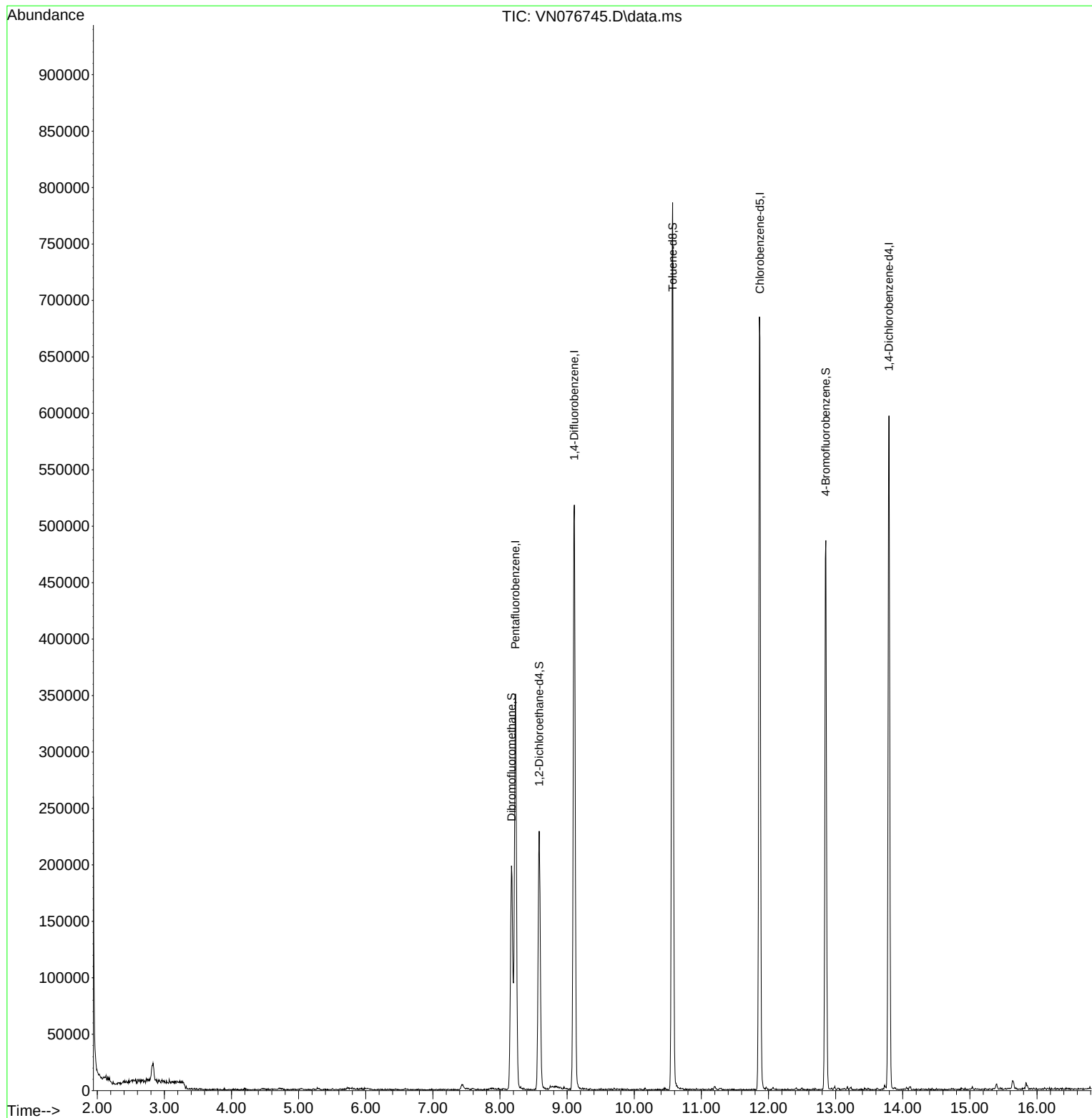
Target Compounds	Qvalue

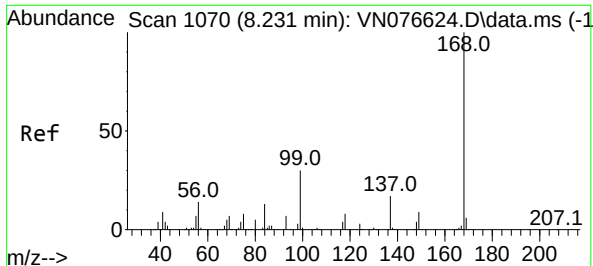
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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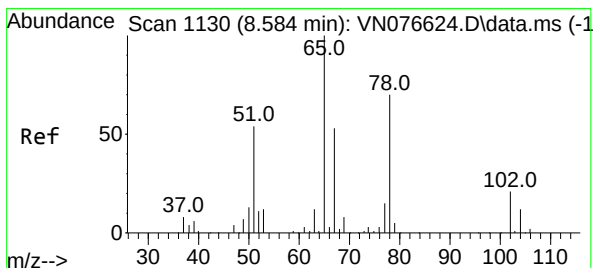
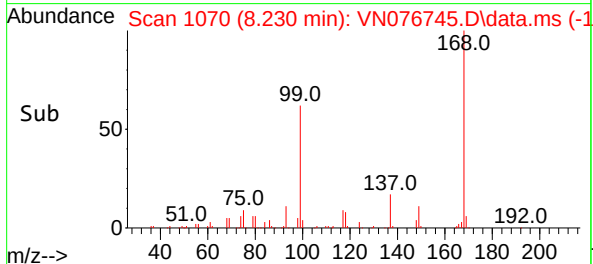
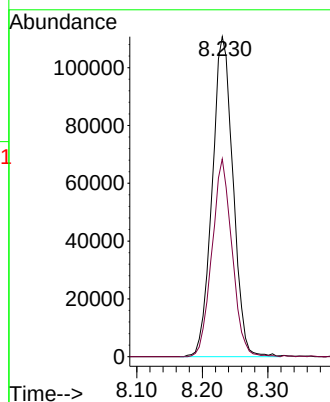
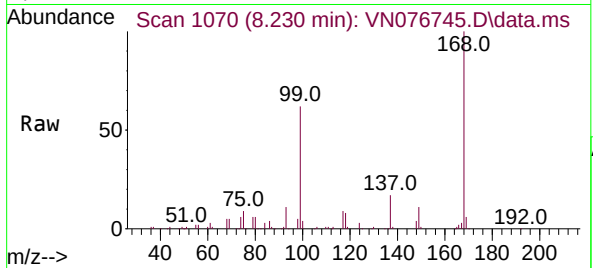




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN076745.D
Acq: 21 Feb 2023 10:36

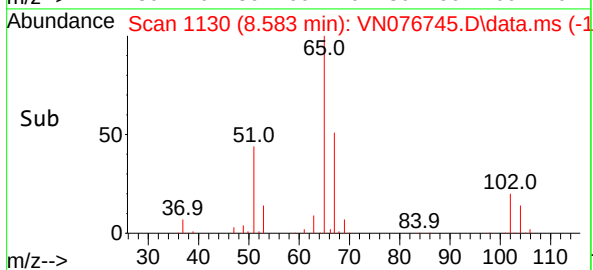
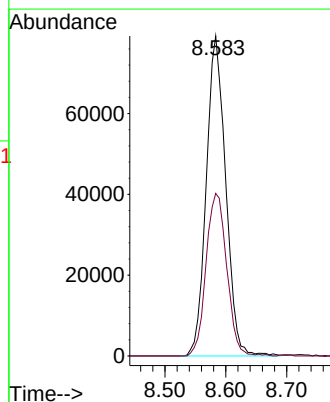
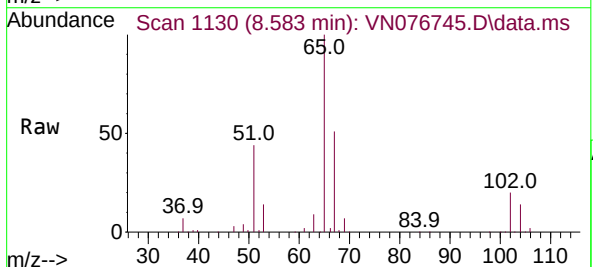
Instrument :
MSVOA_N
ClientSampleId :
VN0221MBL01

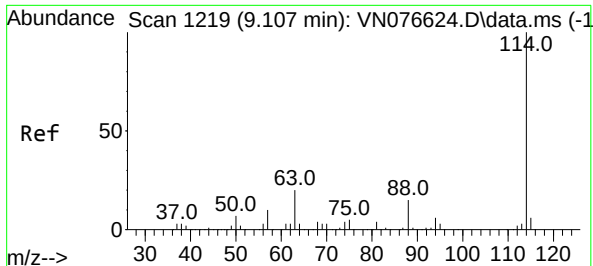
Tgt Ion:168 Resp: 244143
Ion Ratio Lower Upper
168 100
99 61.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 52.081 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076745.D
Acq: 21 Feb 2023 10:36

Tgt Ion: 65 Resp: 175579
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076745.D

Acq: 21 Feb 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VN0221MBL01

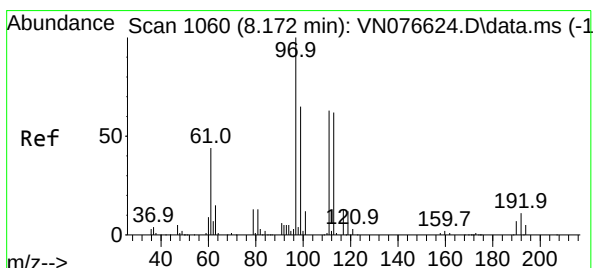
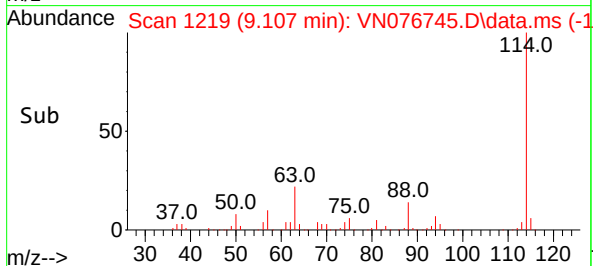
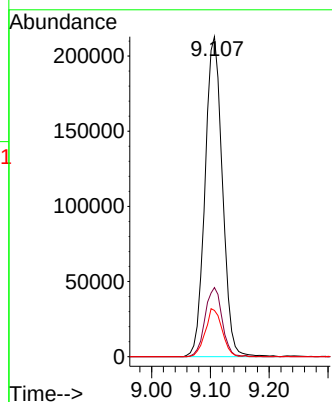
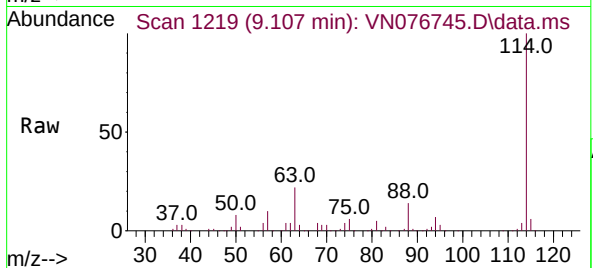
Tgt Ion:114 Resp: 436804

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 14.4 0.0 29.6



#35

Dibromofluoromethane

Concen: 48.804 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076745.D

Acq: 21 Feb 2023 10:36

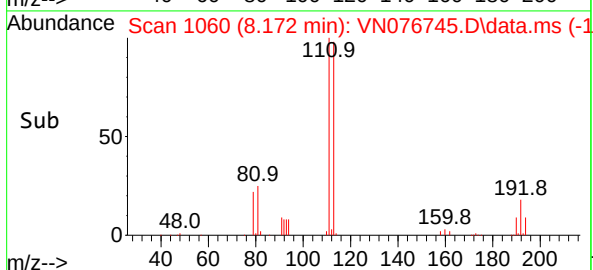
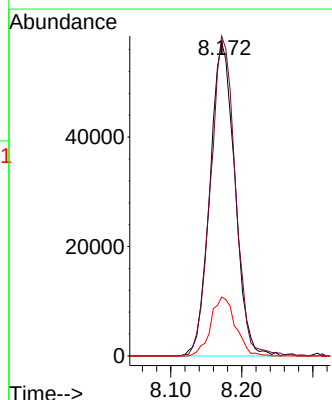
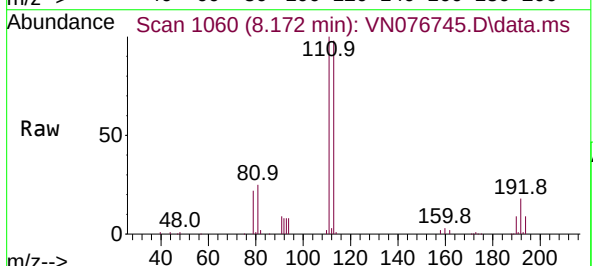
Tgt Ion:113 Resp: 139607

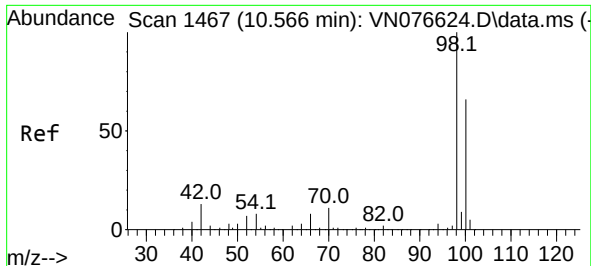
Ion Ratio Lower Upper

113 100

111 101.4 83.1 124.7

192 18.6 15.6 23.4

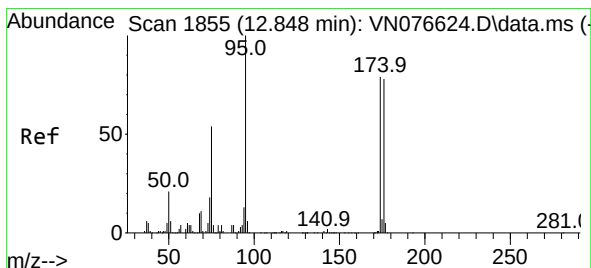
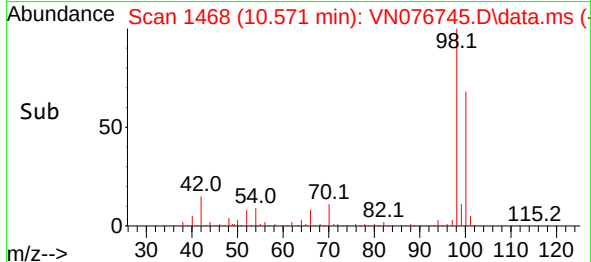
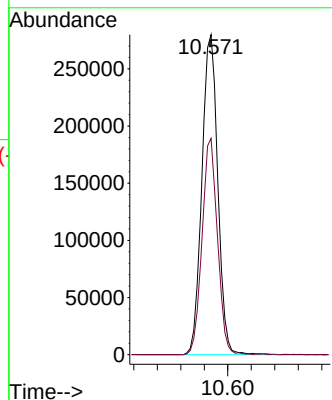
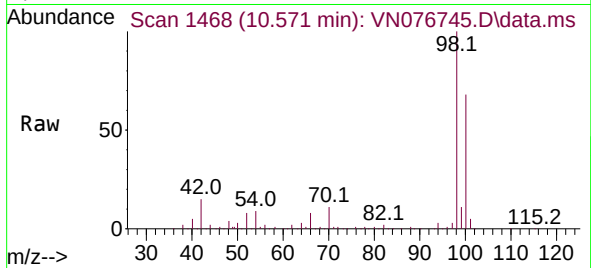




#50
Toluene-d8
Concen: 49.150 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076745.D
Acq: 21 Feb 2023 10:36

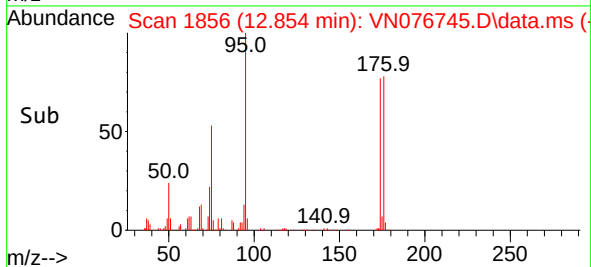
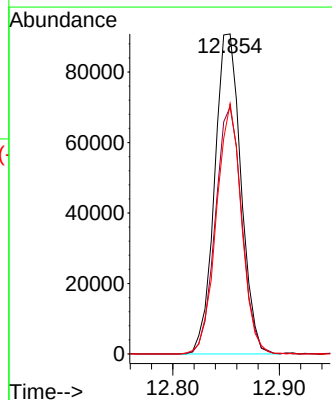
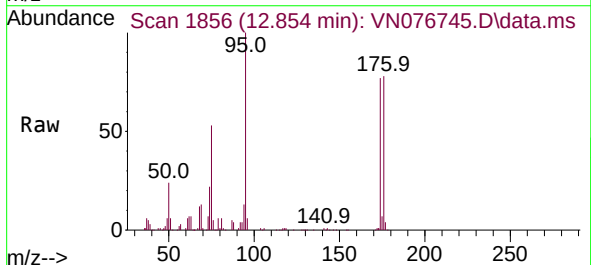
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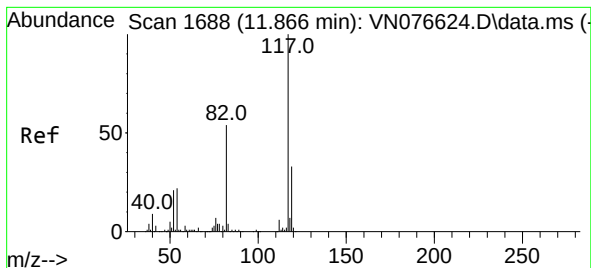
Tgt Ion: 98 Resp: 525061
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.053 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076745.D
Acq: 21 Feb 2023 10:36

Tgt Ion: 95 Resp: 155870
Ion Ratio Lower Upper
95 100
174 77.1 0.0 169.2
176 74.6 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076745.D

Acq: 21 Feb 2023 10:36

Instrument :

MSVOA_N

ClientSampleId :

VN0221MBL01

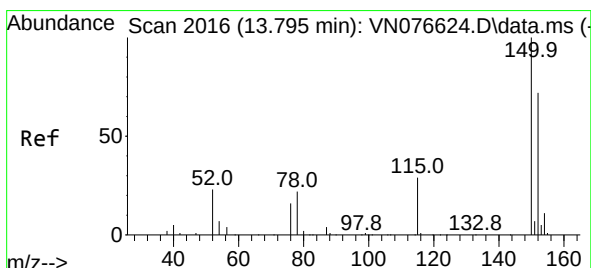
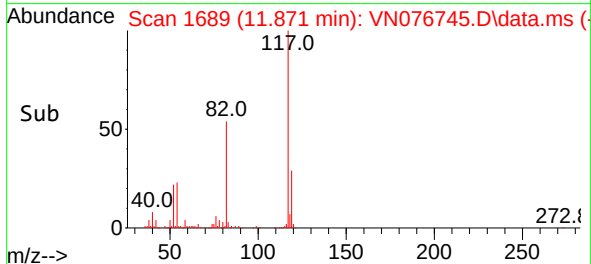
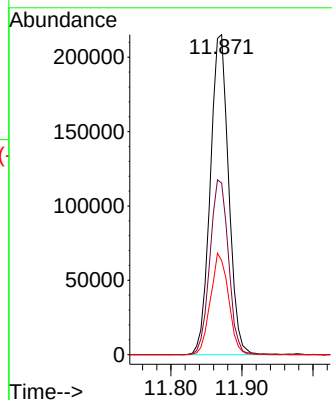
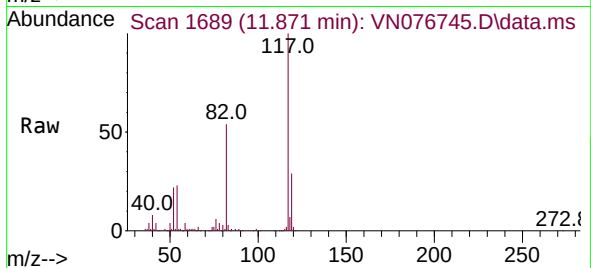
Tgt Ion:117 Resp: 385909

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.2

119 29.4 26.1 39.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076745.D

Acq: 21 Feb 2023 10:36

Tgt Ion:152 Resp: 150949

Ion Ratio Lower Upper

152 100

115 58.5 29.3 87.9

150 154.5 0.0 349.8

