

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041723\
 Data File : VN077352.D
 Acq On : 17 Apr 2023 11:49
 Operator : JC\MD
 Sample : VN0417WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0417WBL01

Quant Time: Apr 18 04:40:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	511992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	979694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	867487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	305311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	321249	45.909	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.820%
35) Dibromofluoromethane	8.172	113	299407	47.739	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.480%
50) Toluene-d8	10.566	98	1205678	47.754	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.854	95	374225	44.566	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.140%

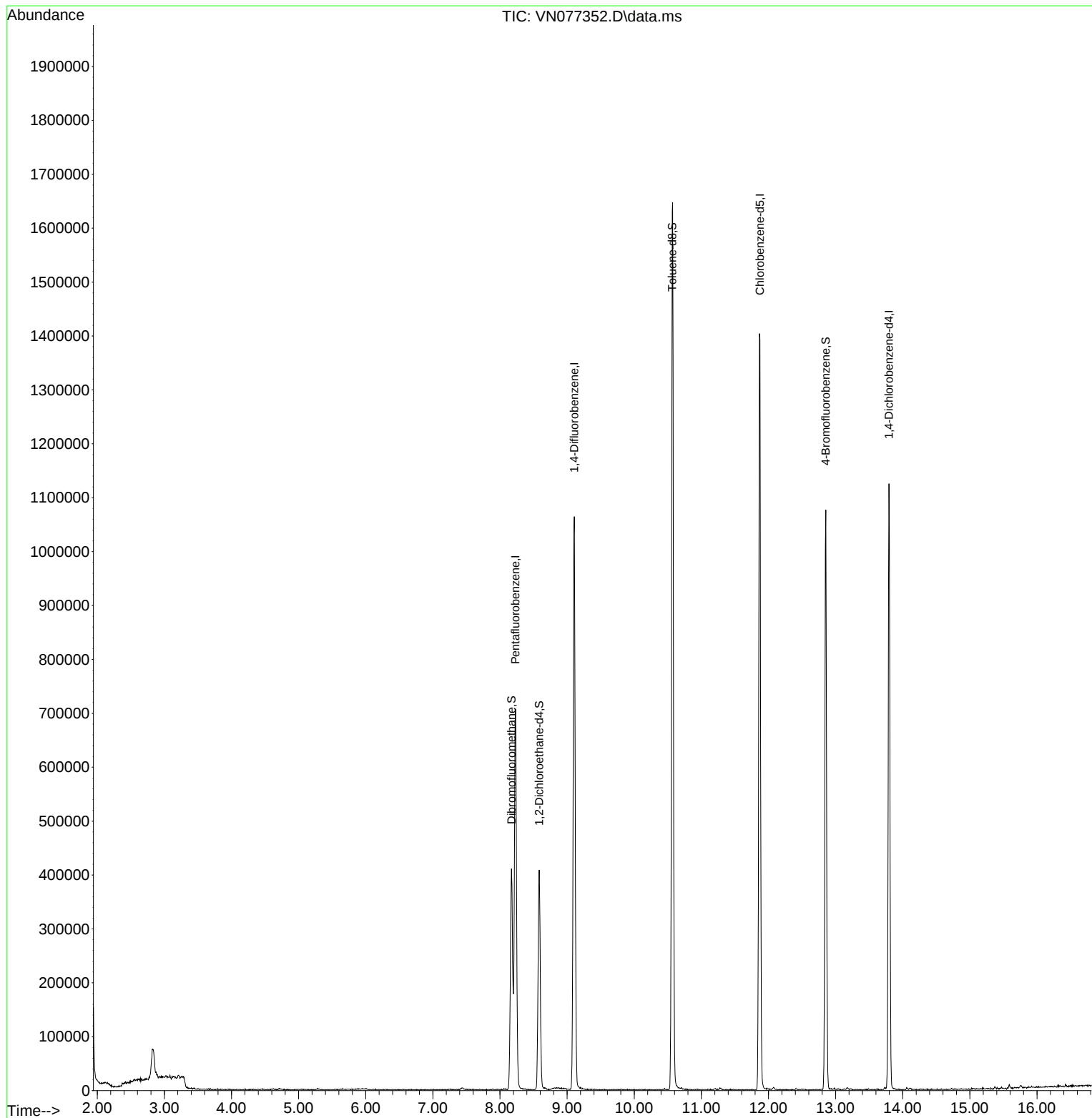
Target Compounds	Qvalue

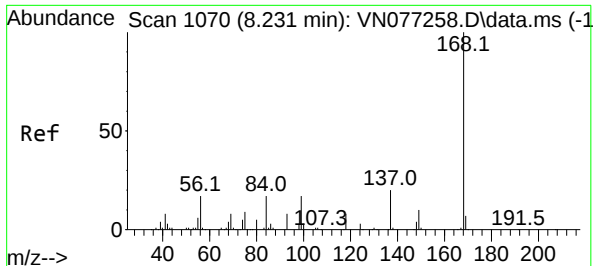
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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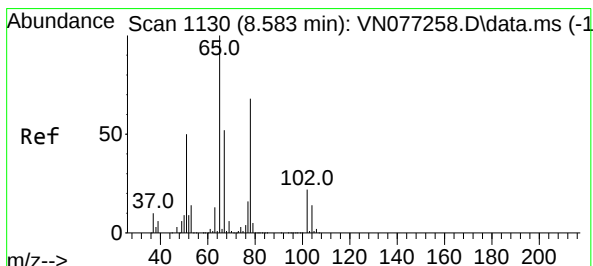
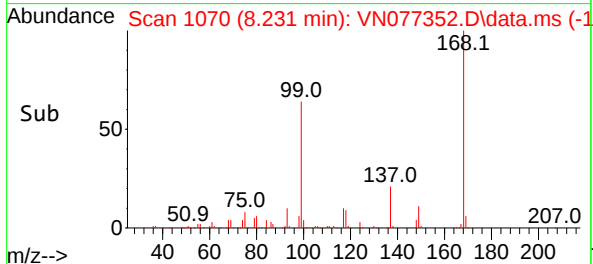
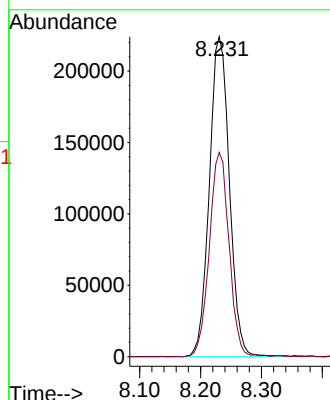
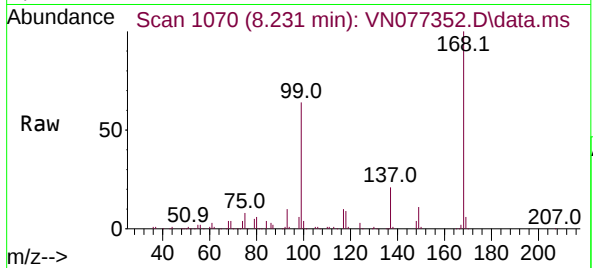




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

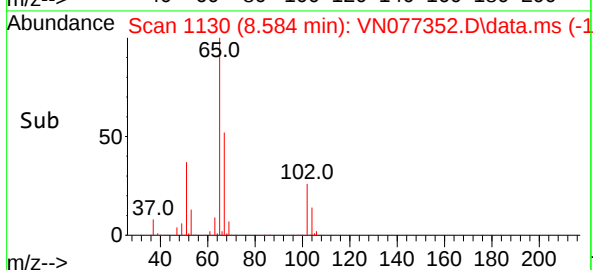
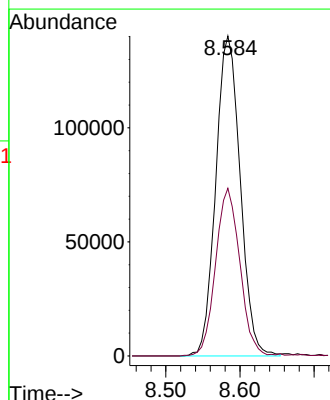
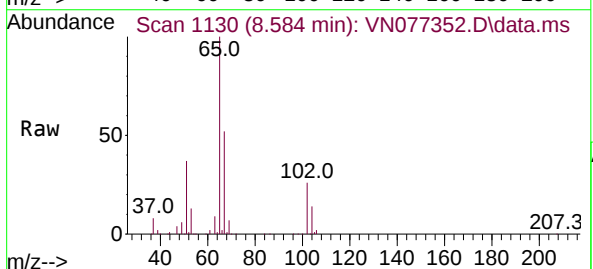
Instrument :
MSVOA_N
ClientSampleId :
VN0417WBL01

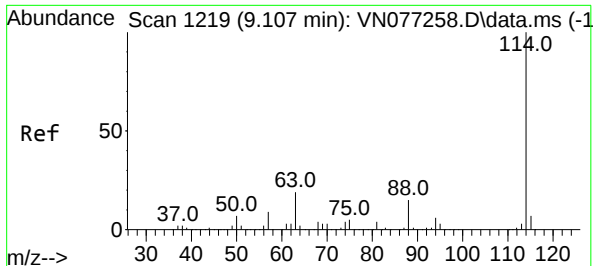
Tgt Ion:168 Resp: 511992
Ion Ratio Lower Upper
168 100
99 63.8 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 45.909 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

Tgt Ion: 65 Resp: 321249
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077352.D

Acq: 17 Apr 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBL01

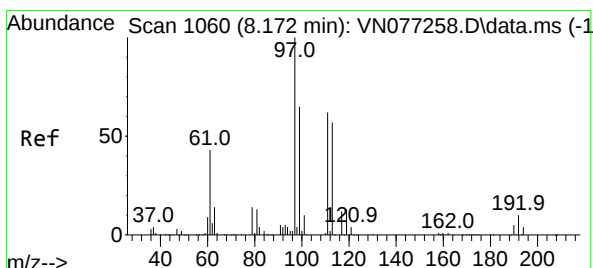
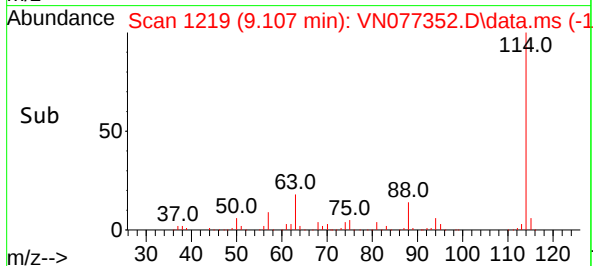
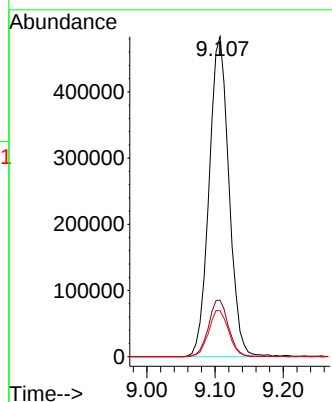
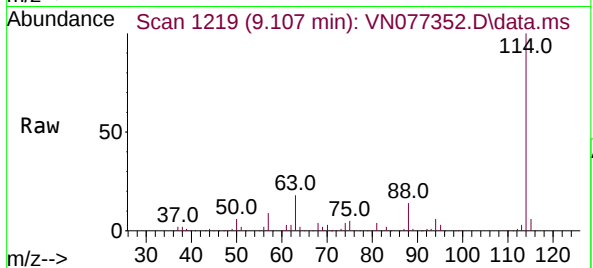
Tgt Ion:114 Resp: 979694

Ion Ratio Lower Upper

114 100

63 17.6 0.0 37.8

88 14.4 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.739 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077352.D

Acq: 17 Apr 2023 11:49

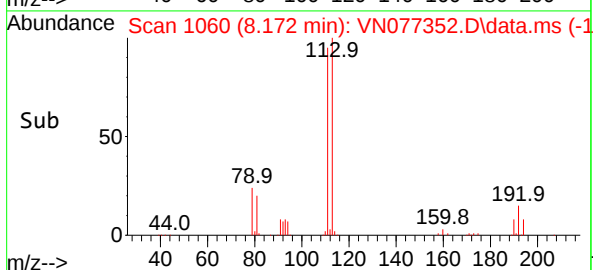
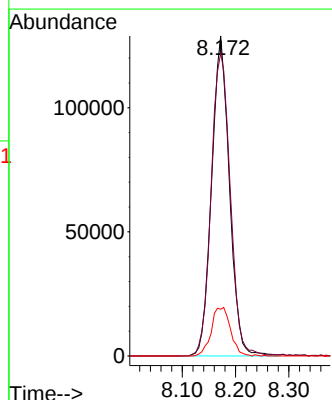
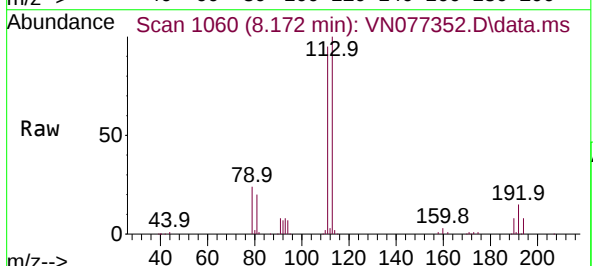
Tgt Ion:113 Resp: 299407

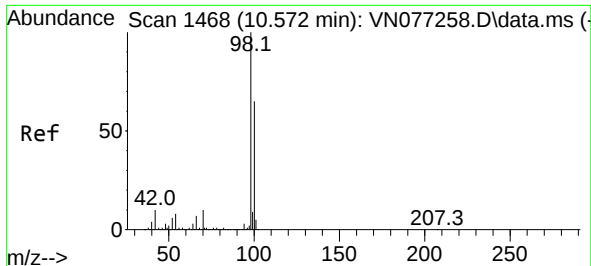
Ion Ratio Lower Upper

113 100

111 101.3 83.4 125.0

192 16.3 13.5 20.3

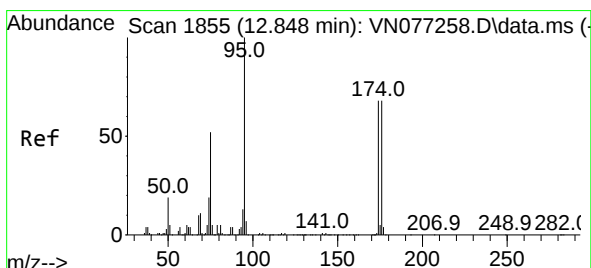
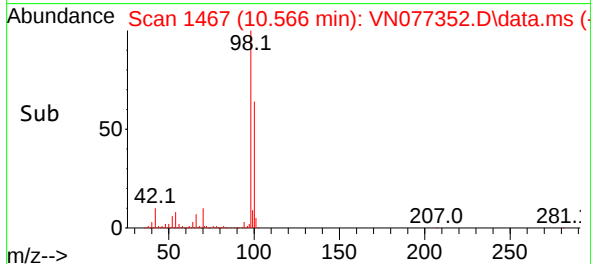
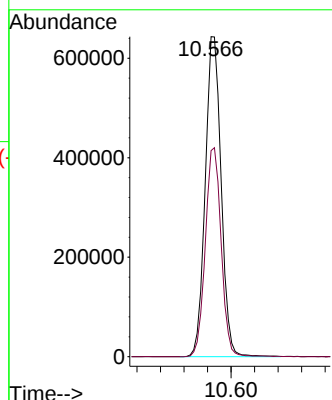
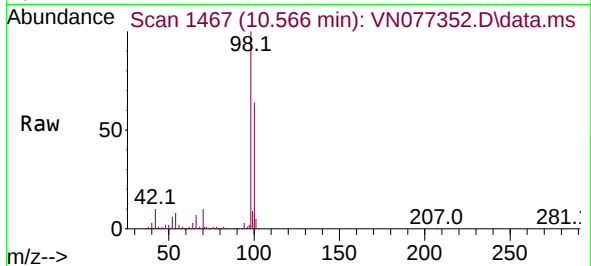




#50
Toluene-d8
Concen: 47.754 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

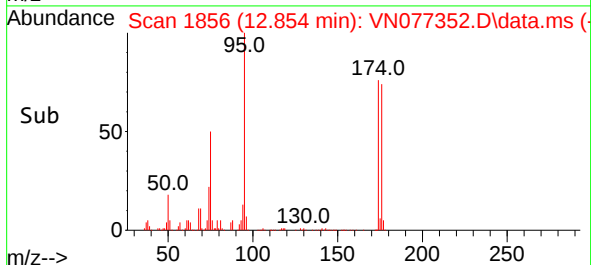
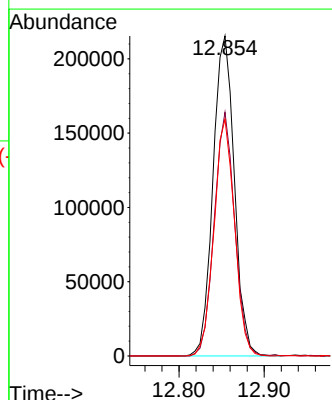
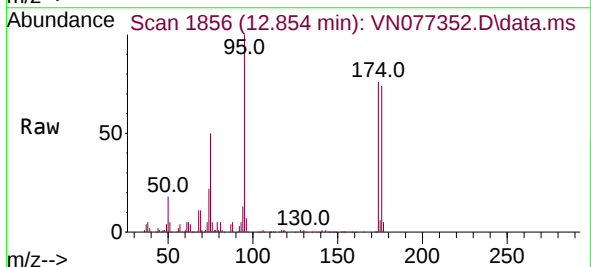
Instrument :
MSVOA_N
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VN0417WBL01

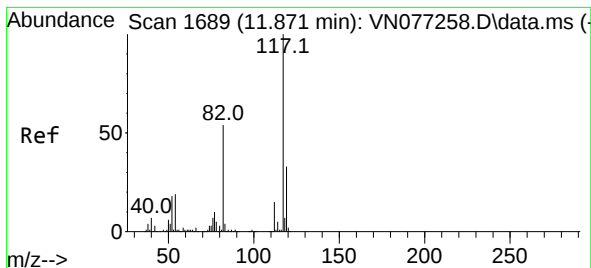
Tgt Ion: 98 Resp: 1205678
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 44.566 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077352.D
Acq: 17 Apr 2023 11:49

Tgt Ion: 95 Resp: 374225
Ion Ratio Lower Upper
95 100
174 73.2 0.0 146.8
176 71.4 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077352.D

Acq: 17 Apr 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0417WBL01

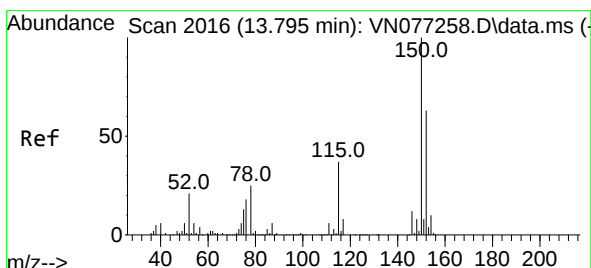
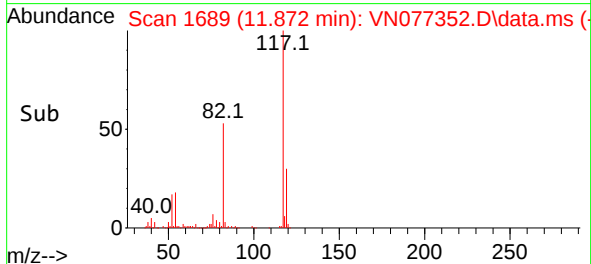
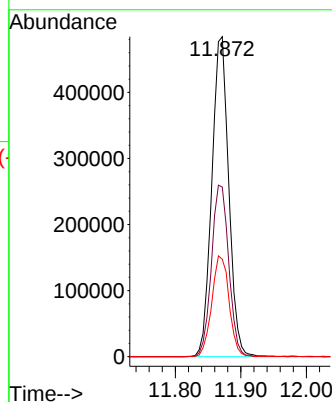
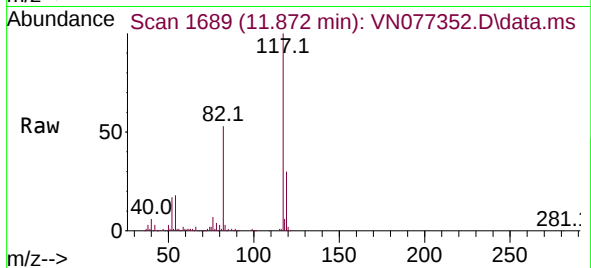
Tgt Ion:117 Resp: 867487

Ion Ratio Lower Upper

117 100

82 53.0 42.9 64.3

119 30.4 26.2 39.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN077352.D

Acq: 17 Apr 2023 11:49

Tgt Ion:152 Resp: 305311

Ion Ratio Lower Upper

152 100

115 62.0 32.1 96.3

150 155.1 0.0 354.8

