

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
 Data File : VN076825.D
 Acq On : 28 Feb 2023 13:57
 Operator : JC\MD
 Sample : VN0228WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBL01

Quant Time: Mar 01 01:25:59 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	291550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	523853	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	457009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	180925	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	210501	52.287	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.580%
35) Dibromofluoromethane	8.172	113	161539	47.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	10.572	98	636402	49.673	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.854	95	187348	44.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.300%

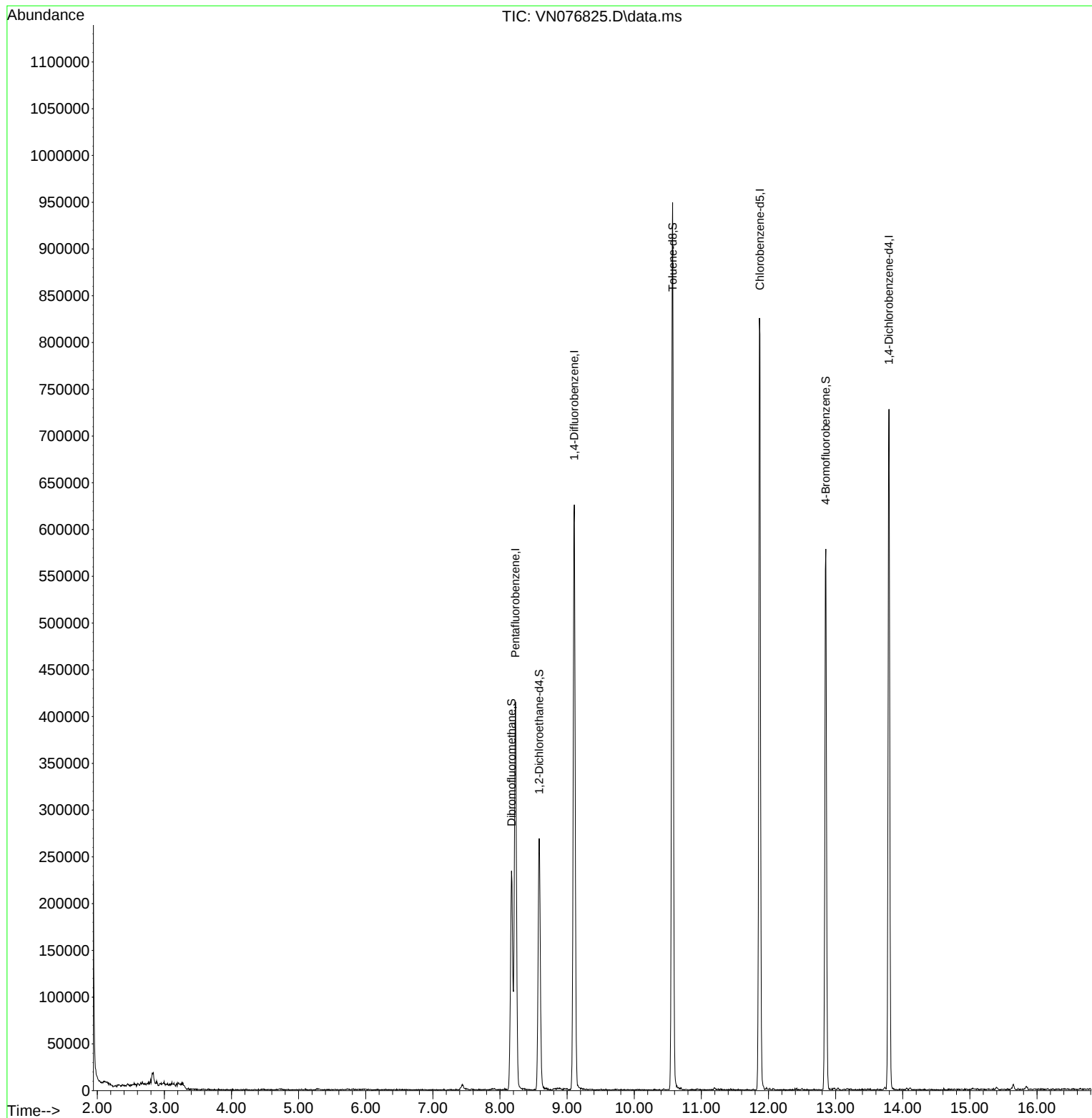
Target Compounds	Qvalue

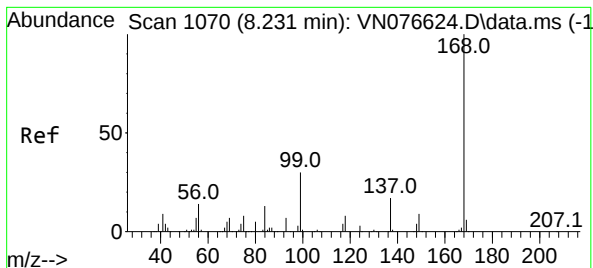
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.001 min

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Acq: 28 Feb 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

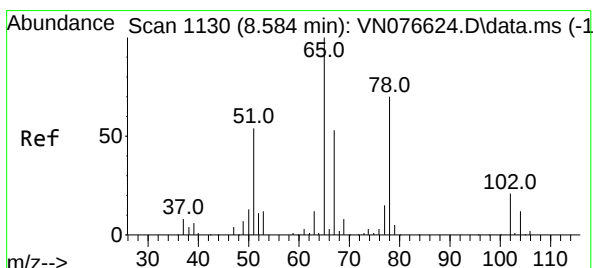
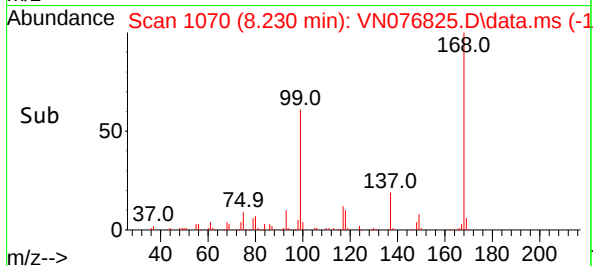
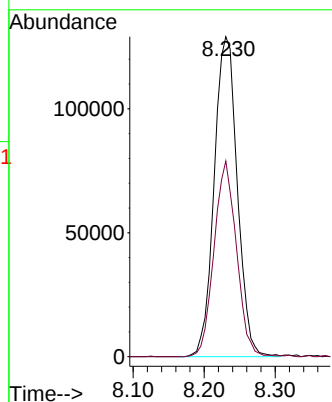
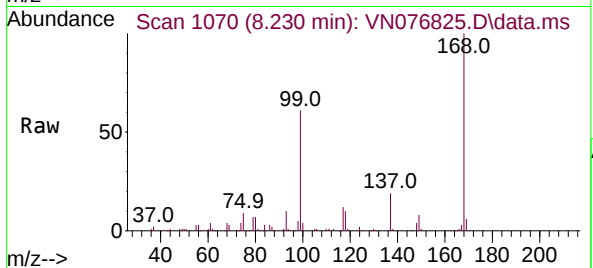
VN0228WBL01

Tgt Ion:168 Resp: 291550

Ion Ratio Lower Upper

168 100

99 61.2 44.8 67.2



#33

1,2-Dichloroethane-d4

Concen: 52.287 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076825.D

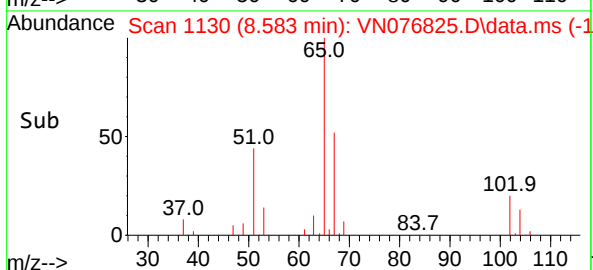
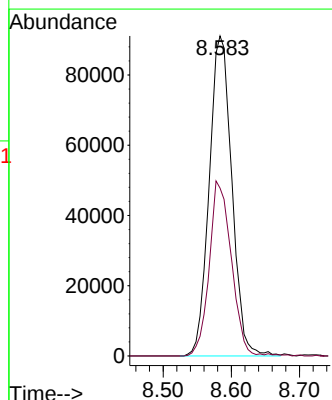
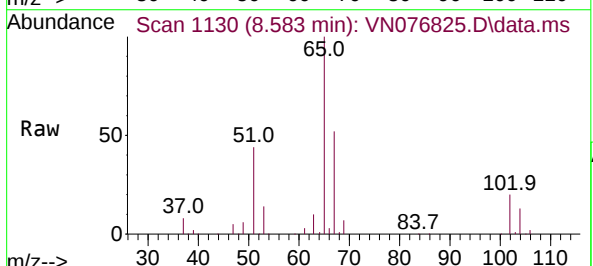
Acq: 28 Feb 2023 13:57

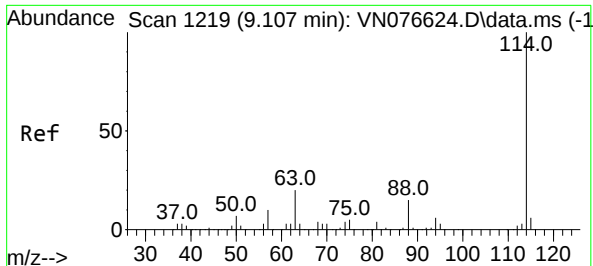
Tgt Ion: 65 Resp: 210501

Ion Ratio Lower Upper

65 100

67 53.1 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: VN076825.D

Acq: 28 Feb 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBL01

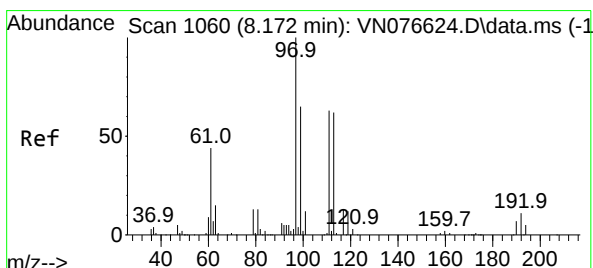
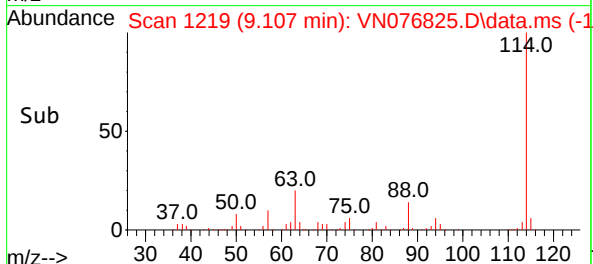
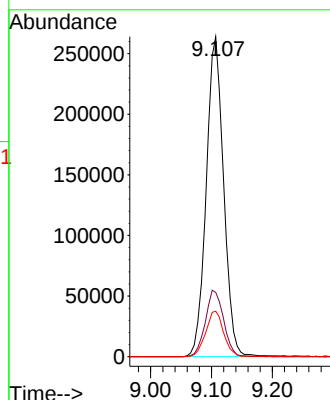
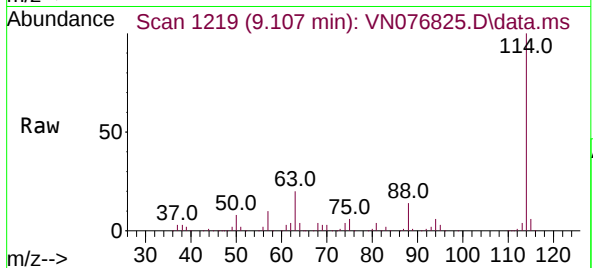
Tgt Ion:114 Resp: 523853

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 14.2 0.0 29.6



#35

Dibromofluoromethane

Concen: 47.087 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076825.D

Acq: 28 Feb 2023 13:57

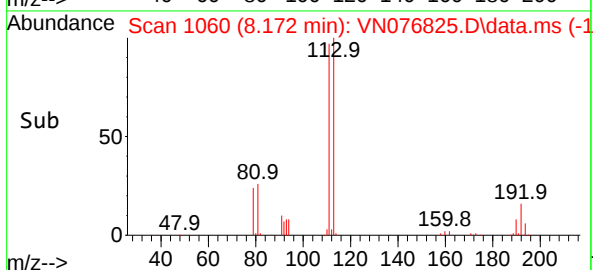
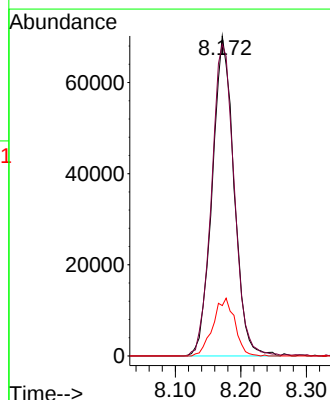
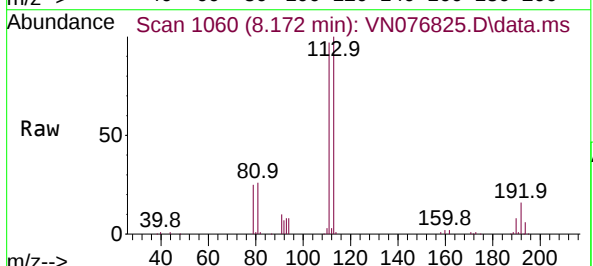
Tgt Ion:113 Resp: 161539

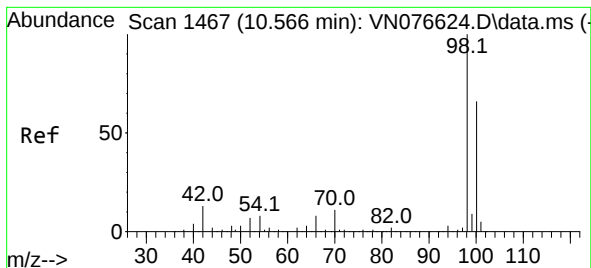
Ion Ratio Lower Upper

113 100

111 101.7 83.1 124.7

192 18.1 15.6 23.4





#50

Toluene-d8

Concen: 49.673 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.005 min

Lab File: VN076825.D

Acq: 28 Feb 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

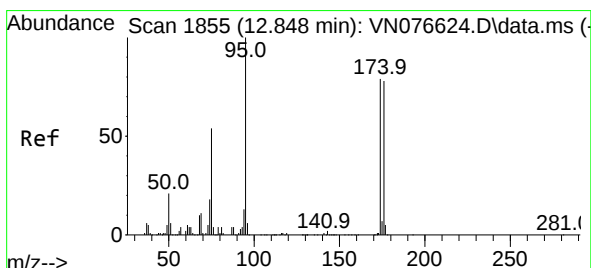
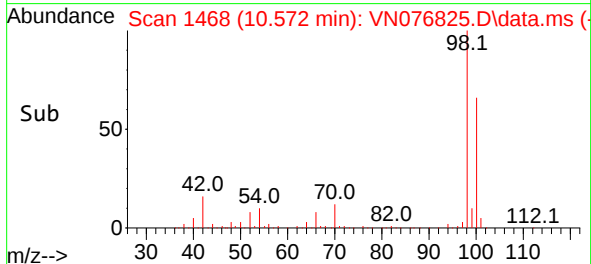
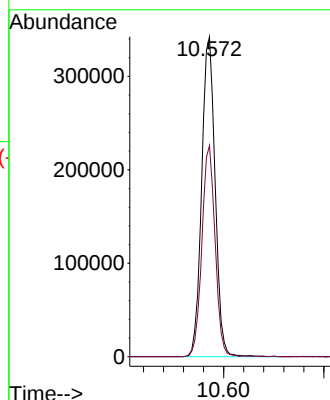
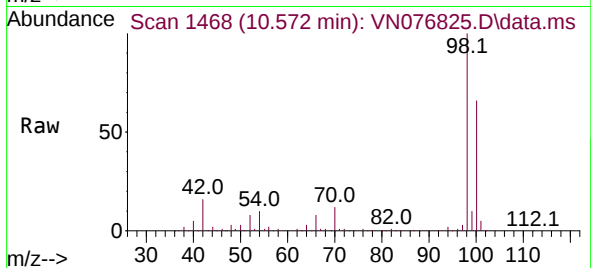
VN0228WBL01

Tgt Ion: 98 Resp: 636402

Ion Ratio Lower Upper

98 100

100 64.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 44.151 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN076825.D

Acq: 28 Feb 2023 13:57

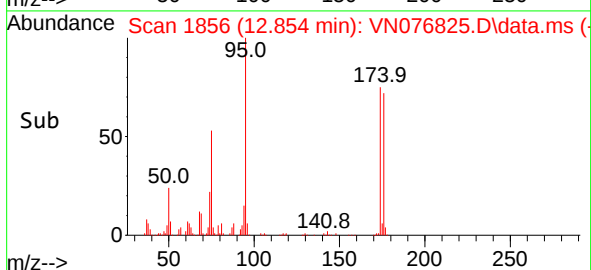
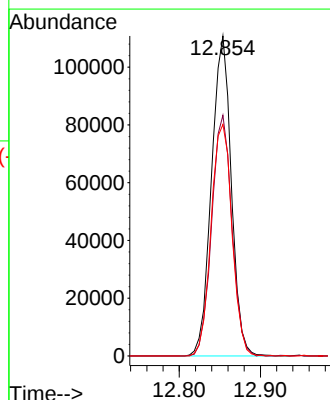
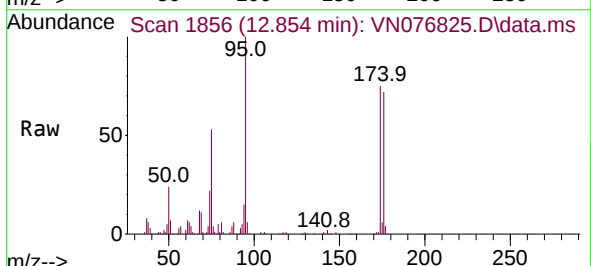
Tgt Ion: 95 Resp: 187348

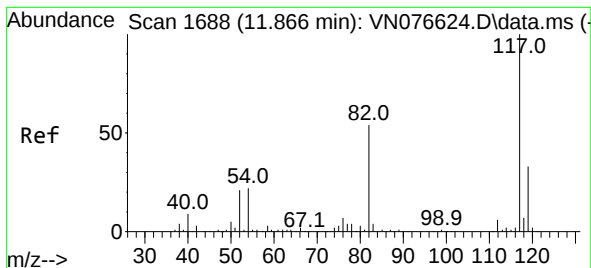
Ion Ratio Lower Upper

95 100

174 76.9 0.0 169.2

176 76.4 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: VN076825.D

Acq: 28 Feb 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBL01

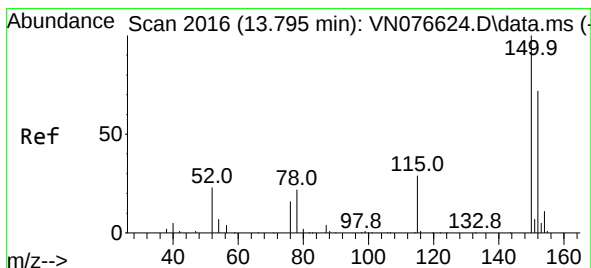
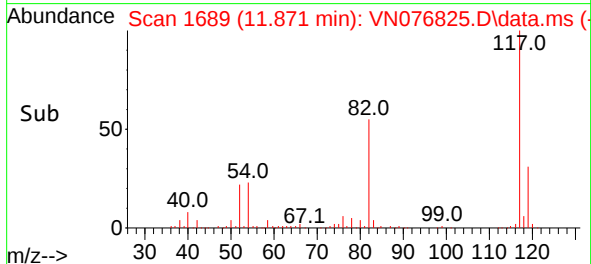
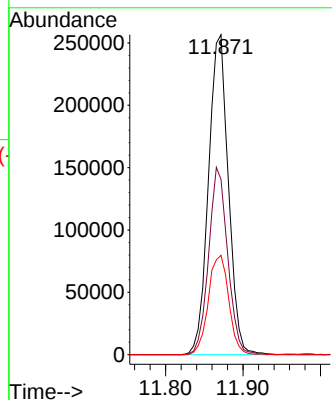
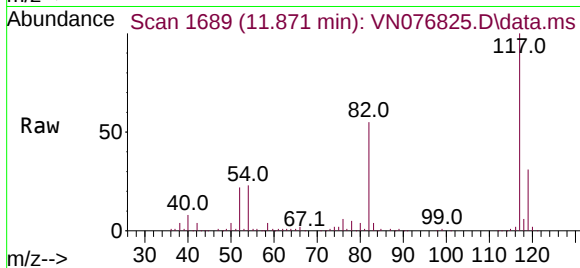
Tgt Ion:117 Resp: 457009

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.2

119 31.1 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: VN076825.D

Acq: 28 Feb 2023 13:57

Tgt Ion:152 Resp: 180925

Ion Ratio Lower Upper

152 100

115 58.8 29.3 87.9

150 159.9 0.0 349.8

