

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020123\
 Data File : VN076499.D
 Acq On : 01 Feb 2023 15:28
 Operator : JC\MD
 Sample : 01374-03
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-3-13123-B

Quant Time: Feb 01 23:53:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	491146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	778096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	655741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	274878	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	275265	50.055	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.100%
35) Dibromofluoromethane	8.171	113	225532	46.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.680%
50) Toluene-d8	10.565	98	889434	49.480	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.853	95	283515	48.314	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.620%

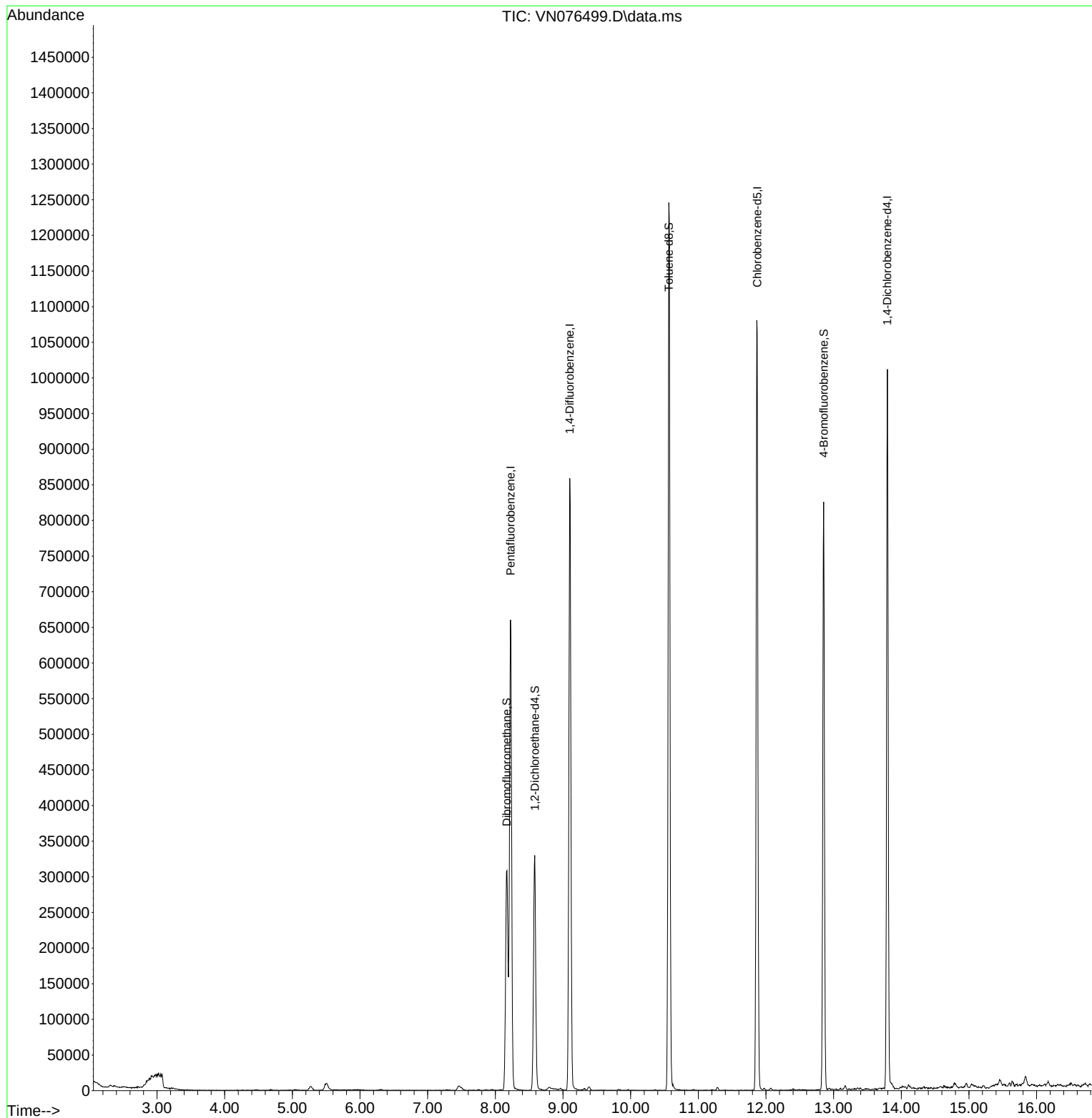
Target Compounds	Qvalue

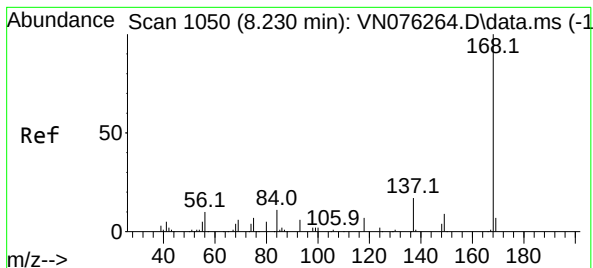
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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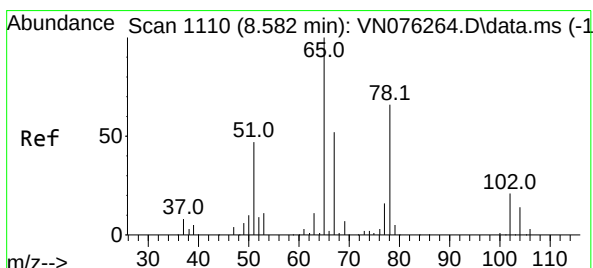
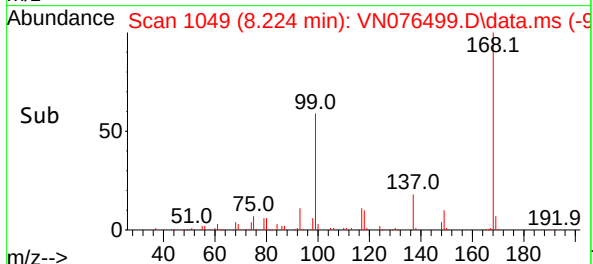
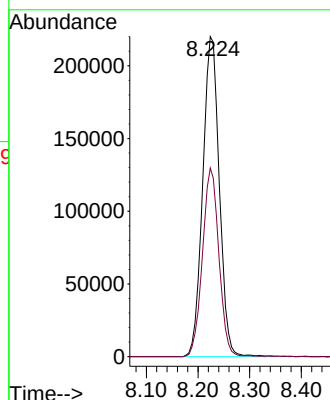
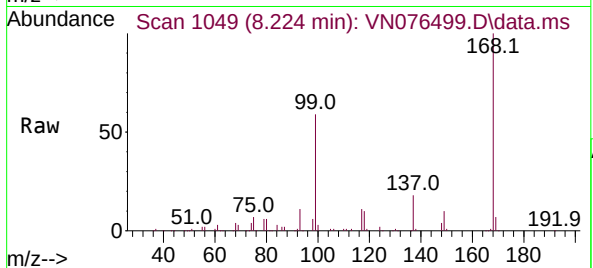




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076499.D
Acq: 01 Feb 2023 15:28

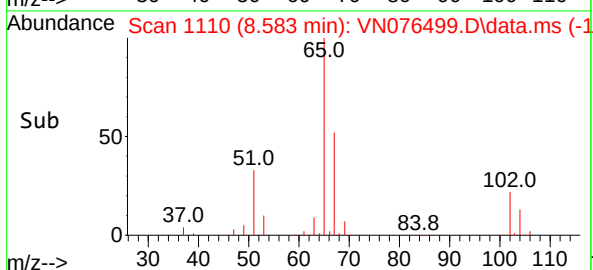
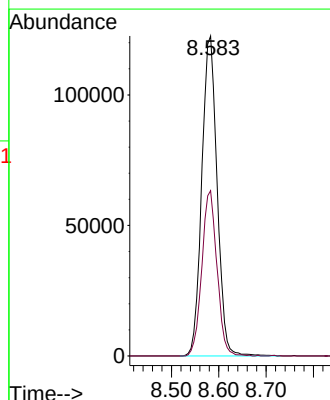
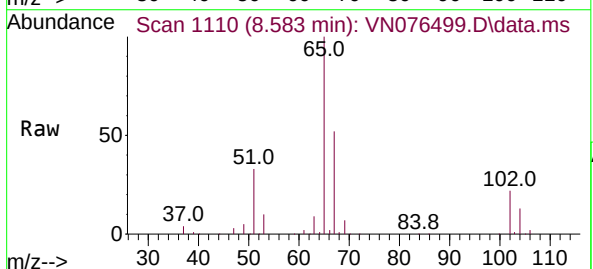
Instrument :
MSVOA_N
ClientSampleId :
JC-3-13123-B

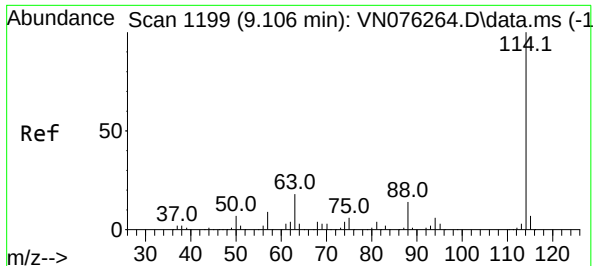
Tgt Ion:168 Resp: 491146
Ion Ratio Lower Upper
168 100
99 59.0 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 50.055 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VN076499.D
Acq: 01 Feb 2023 15:28

Tgt Ion: 65 Resp: 275265
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076499.D

Acq: 01 Feb 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

JC-3-13123-B

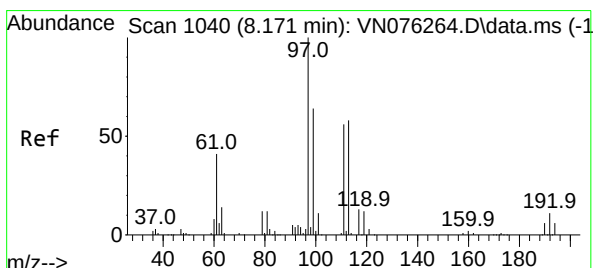
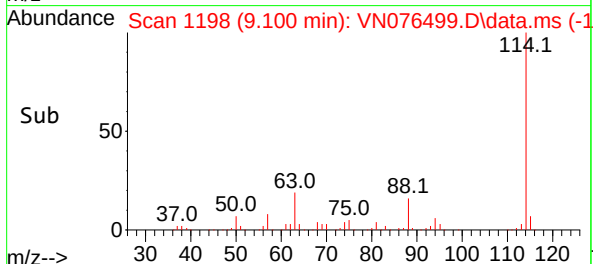
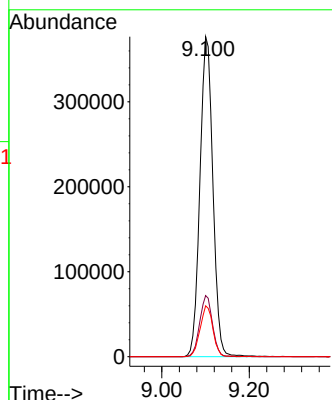
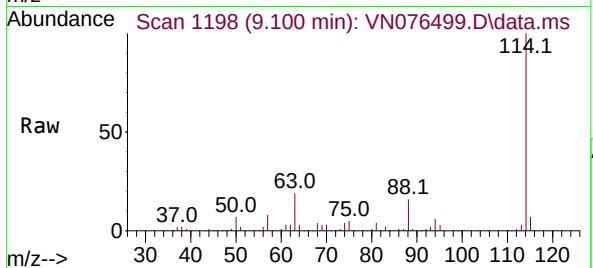
Tgt Ion:114 Resp: 778096

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.8

88 15.9 0.0 28.0



#35

Dibromofluoromethane

Concen: 46.336 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076499.D

Acq: 01 Feb 2023 15:28

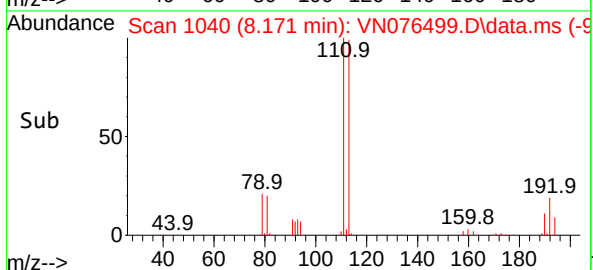
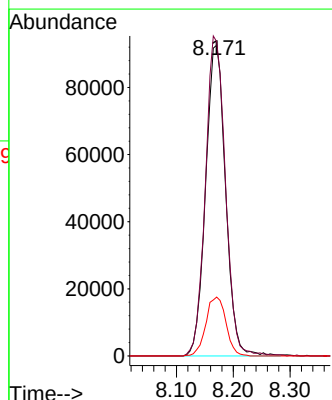
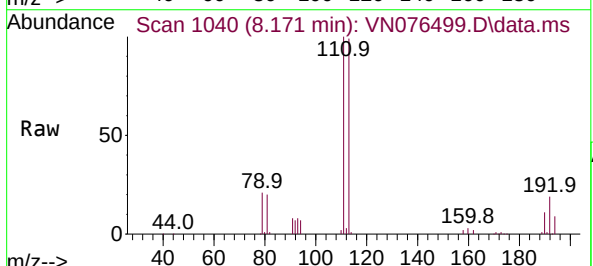
Tgt Ion:113 Resp: 225532

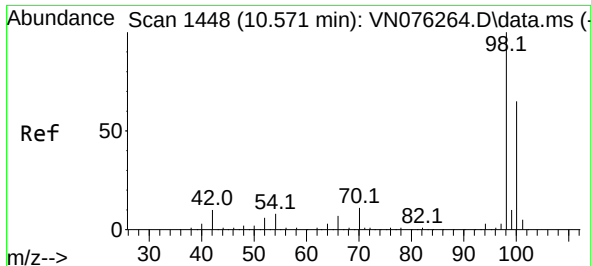
Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

192 19.1 15.6 23.4





#50

Toluene-d8

Concen: 49.480 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076499.D

Acq: 01 Feb 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

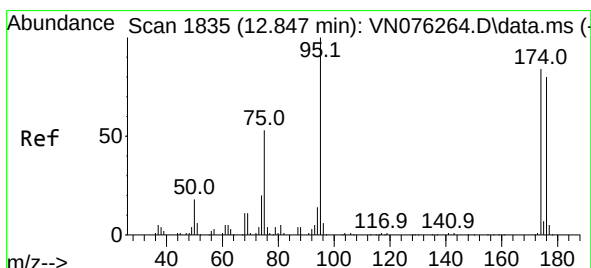
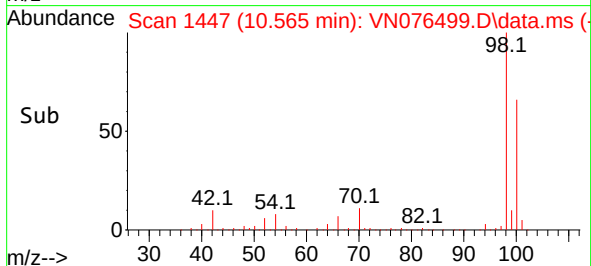
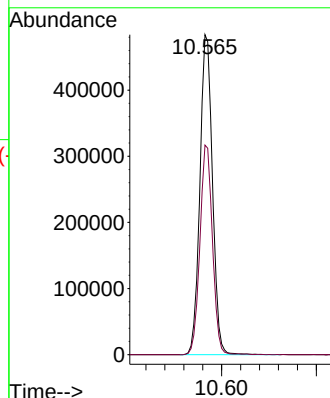
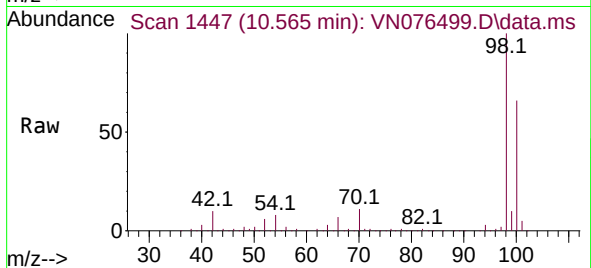
JC-3-13123-B

Tgt Ion: 98 Resp: 889434

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 48.314 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076499.D

Acq: 01 Feb 2023 15:28

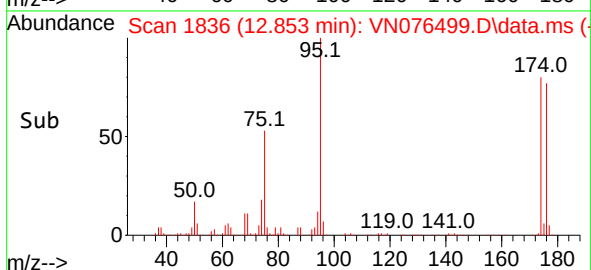
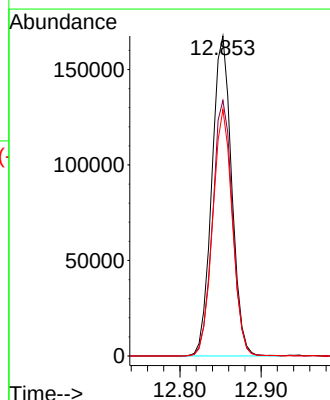
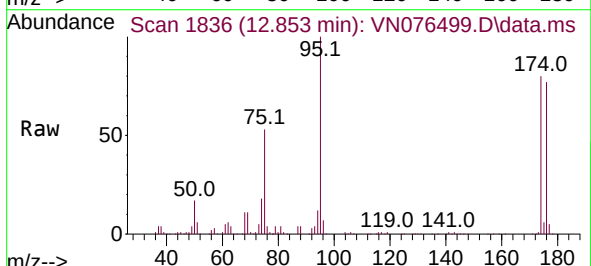
Tgt Ion: 95 Resp: 283515

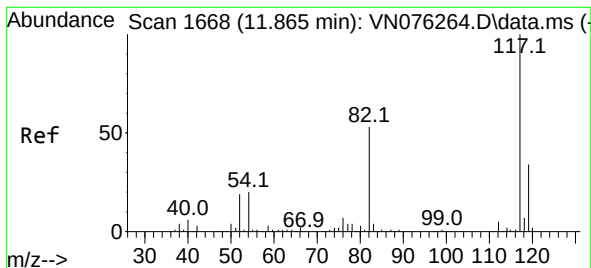
Ion Ratio Lower Upper

95 100

174 80.3 0.0 174.6

176 76.4 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076499.D

Acq: 01 Feb 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

JC-3-13123-B

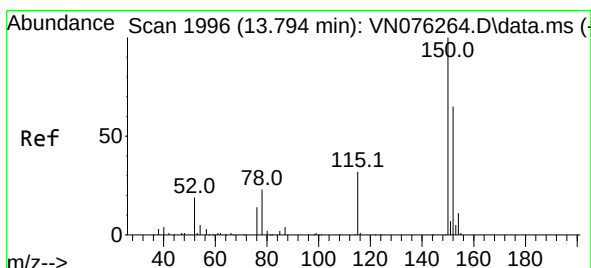
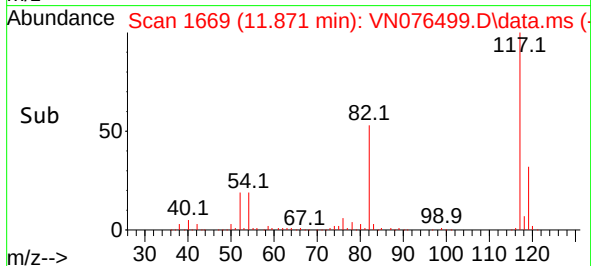
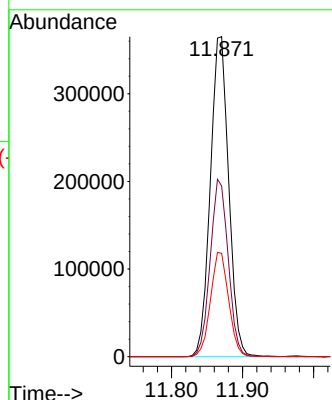
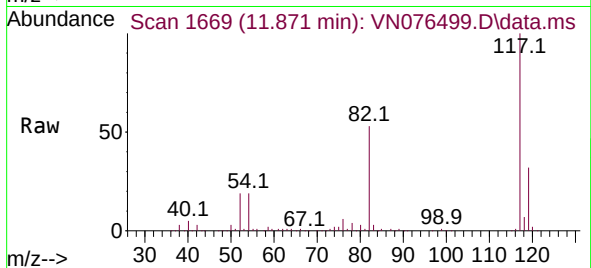
Tgt Ion:117 Resp: 655741

Ion Ratio Lower Upper

117 100

82 53.3 42.2 63.2

119 32.3 26.9 40.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076499.D

Acq: 01 Feb 2023 15:28

Tgt Ion:152 Resp: 274878

Ion Ratio Lower Upper

152 100

115 60.9 29.6 88.9

150 157.1 0.0 351.4

