

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077877.D
 Acq On : 25 May 2023 03:23
 Operator : JC\MD
 Sample : 02852-05ME 10X
 Misc : 5.87g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-26-051823ME

Quant Time: May 25 05:02:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	465291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	830019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	731333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	253618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	297080	42.672	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.340%
35) Dibromofluoromethane	8.171	113	253270	46.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.580%
50) Toluene-d8	10.571	98	1003586	48.173	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.340%
62) 4-Bromofluorobenzene	12.853	95	310577	42.211	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.420%

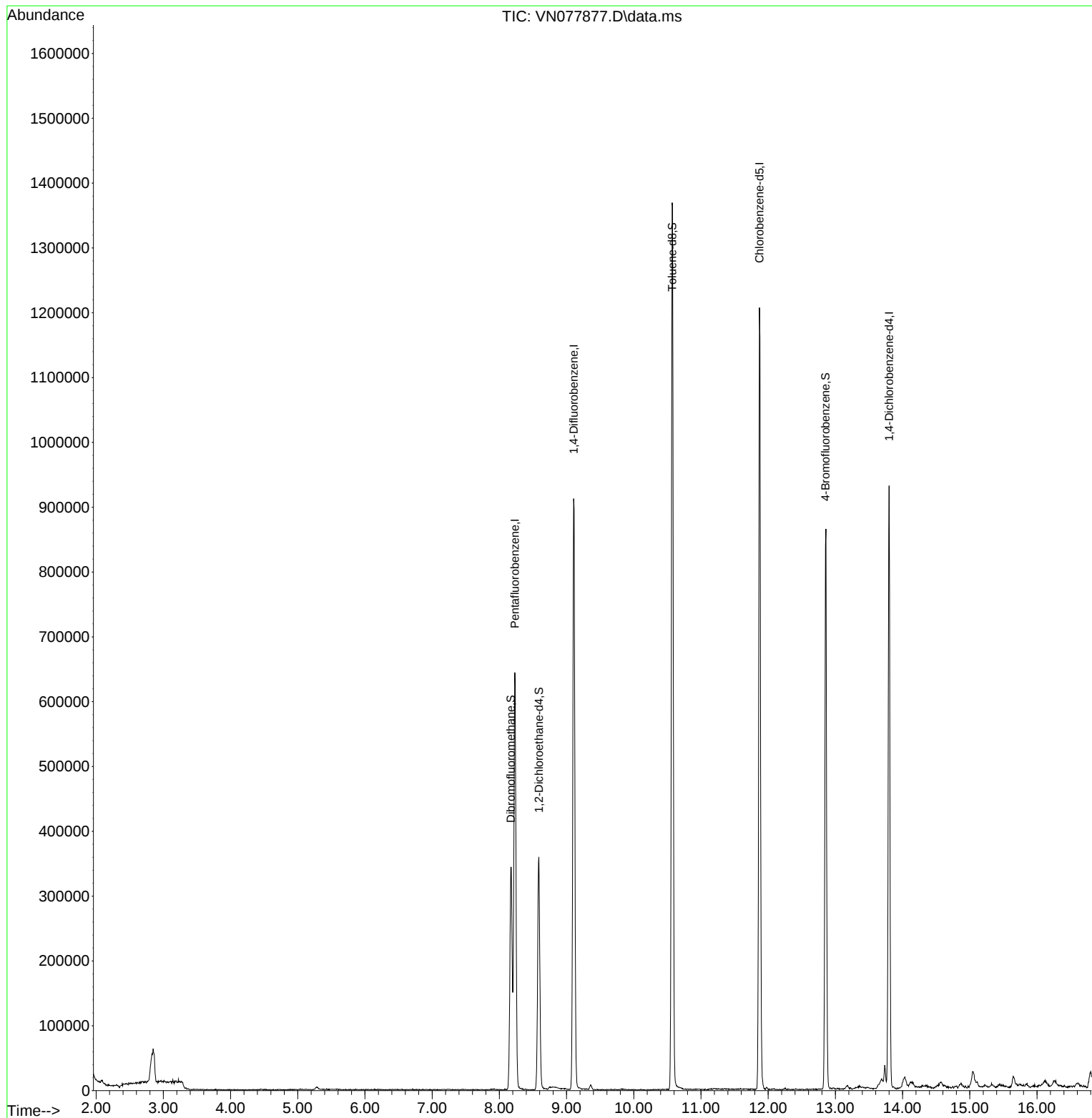
Target Compounds	Qvalue

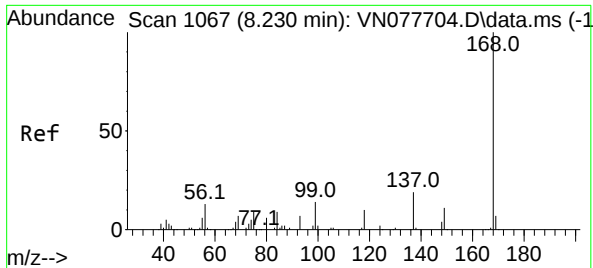
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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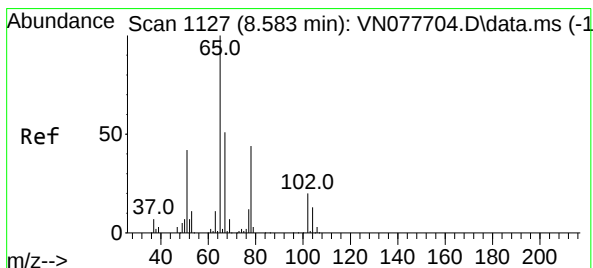
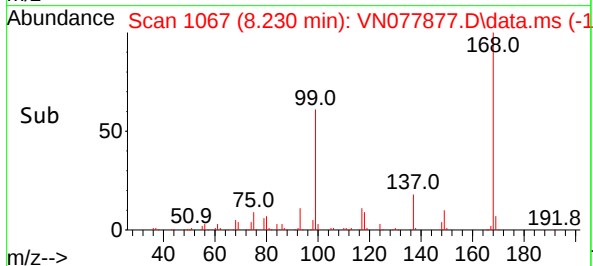
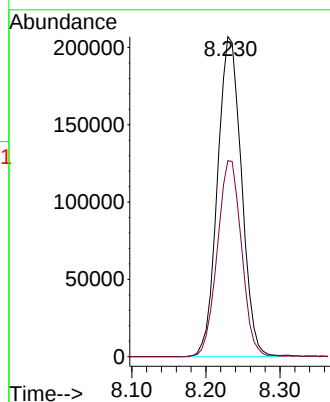
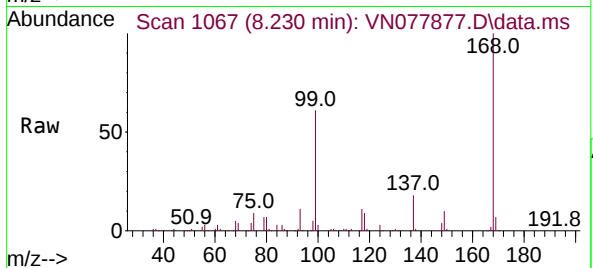




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN077877.D
Acq: 25 May 2023 03:23

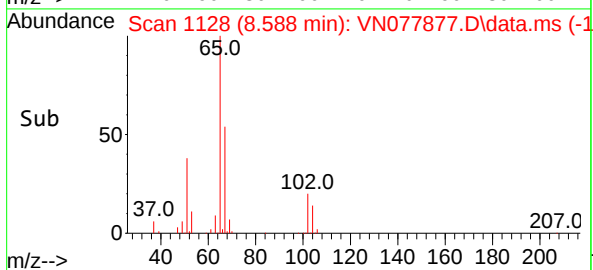
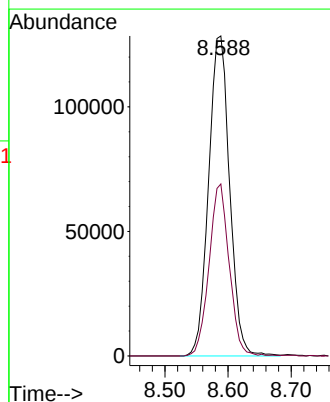
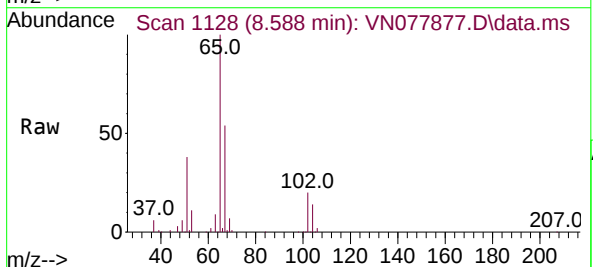
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-26-051823ME

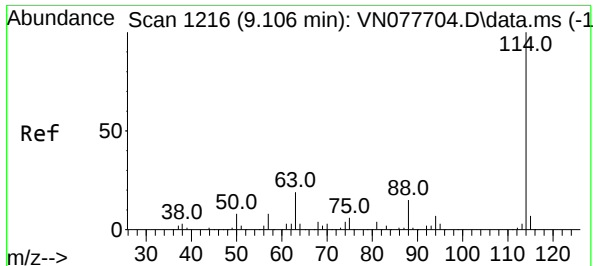
Tgt Ion:168 Resp: 465291
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 42.672 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077877.D
Acq: 25 May 2023 03:23

Tgt Ion: 65 Resp: 297080
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077877.D

Acq: 25 May 2023 03:23

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-26-051823ME

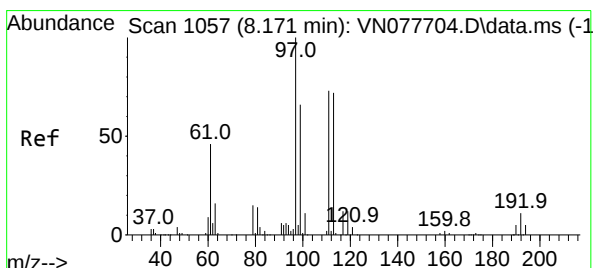
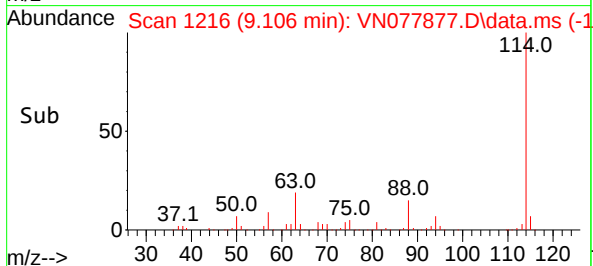
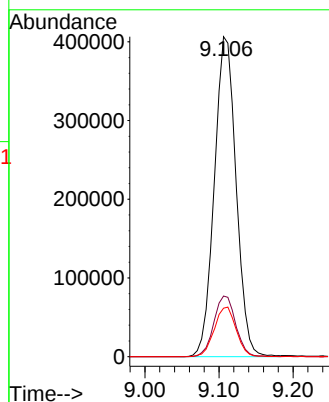
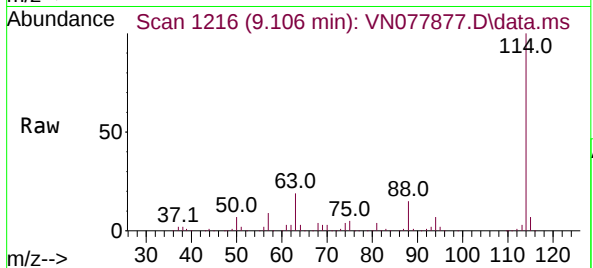
Tgt Ion:114 Resp: 830019

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.794 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077877.D

Acq: 25 May 2023 03:23

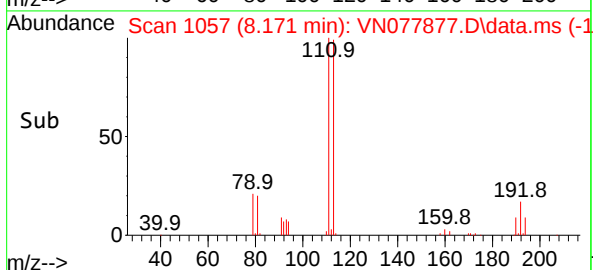
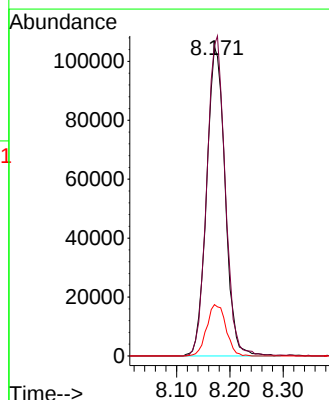
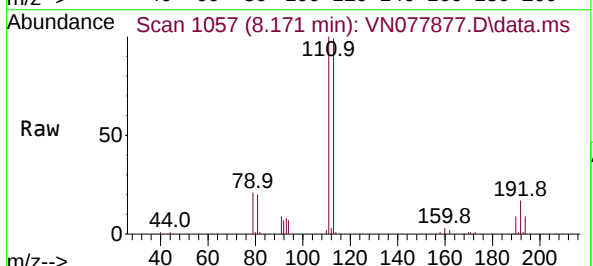
Tgt Ion:113 Resp: 253270

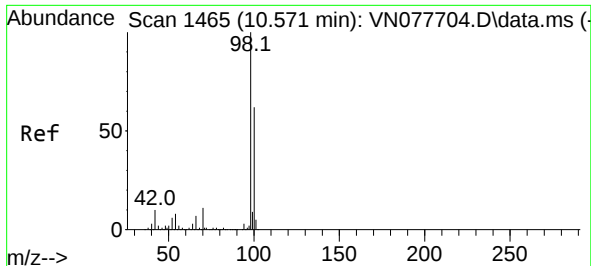
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 17.2 12.7 19.1

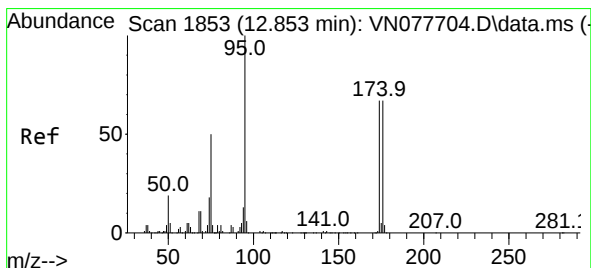
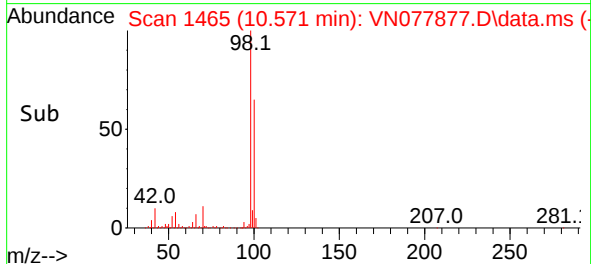
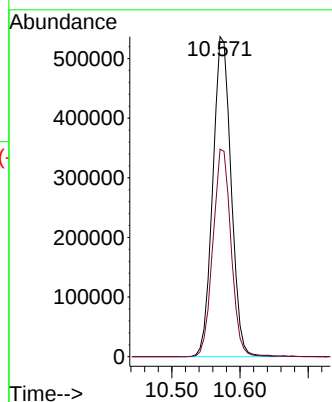
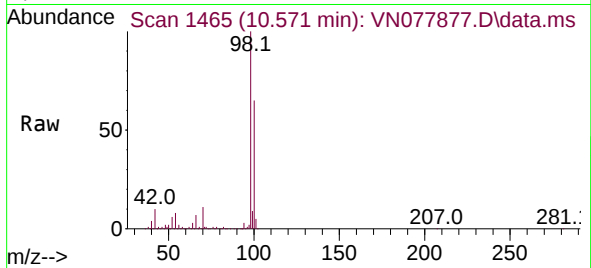




#50
Toluene-d8
Concen: 48.173 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077877.D
Acq: 25 May 2023 03:23

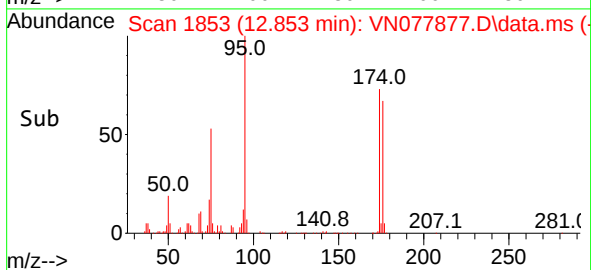
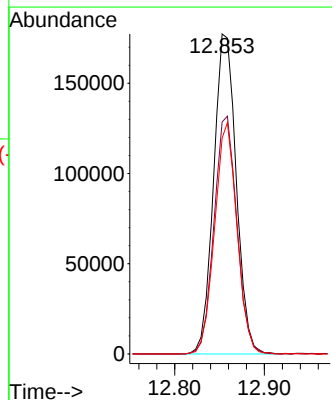
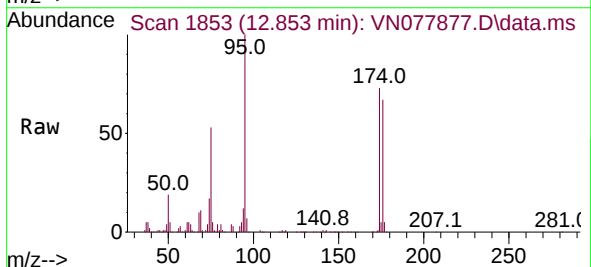
Instrument :
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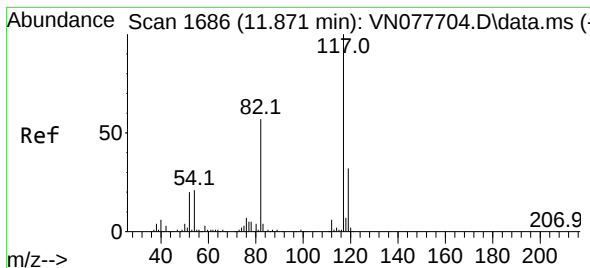
Tgt Ion: 98 Resp: 1003586
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.211 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077877.D
Acq: 25 May 2023 03:23

Tgt Ion: 95 Resp: 310577
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 71.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077877.D

Acq: 25 May 2023 03:23

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-26-051823ME

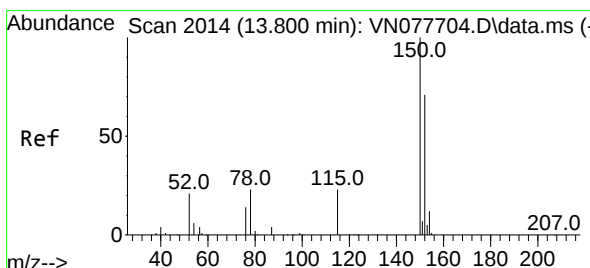
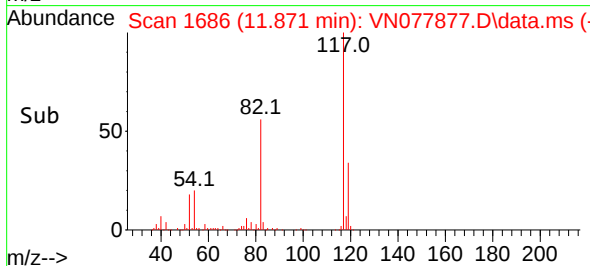
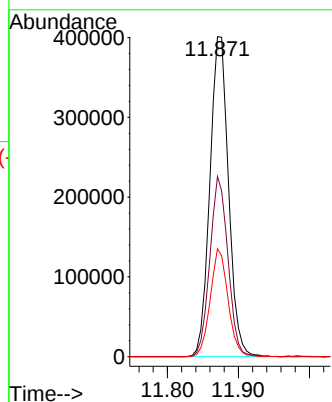
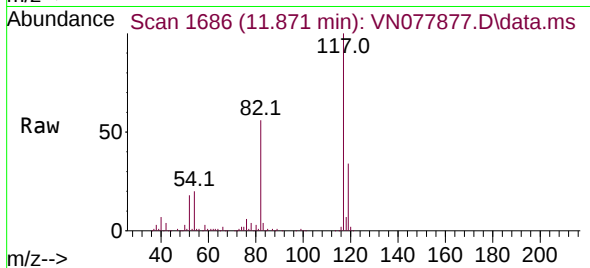
Tgt Ion:117 Resp: 731333

Ion Ratio Lower Upper

117 100

82 56.3 44.0 66.0

119 33.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077877.D

Acq: 25 May 2023 03:23

Tgt Ion:152 Resp: 253618

Ion Ratio Lower Upper

152 100

115 63.4 32.3 96.8

150 156.6 0.0 355.8

