

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077097.D
 Acq On : 22 Mar 2023 10:40
 Operator : JC\MD
 Sample : VN0322MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322MBL01

Quant Time: Mar 22 23:19:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	342546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	630503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	547598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	202247	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	276746	50.579	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.160%
35) Dibromofluoromethane	8.172	113	202365	45.831	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.660%
50) Toluene-d8	10.571	98	755620	47.907	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.820%
62) 4-Bromofluorobenzene	12.854	95	249029	44.681	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.360%

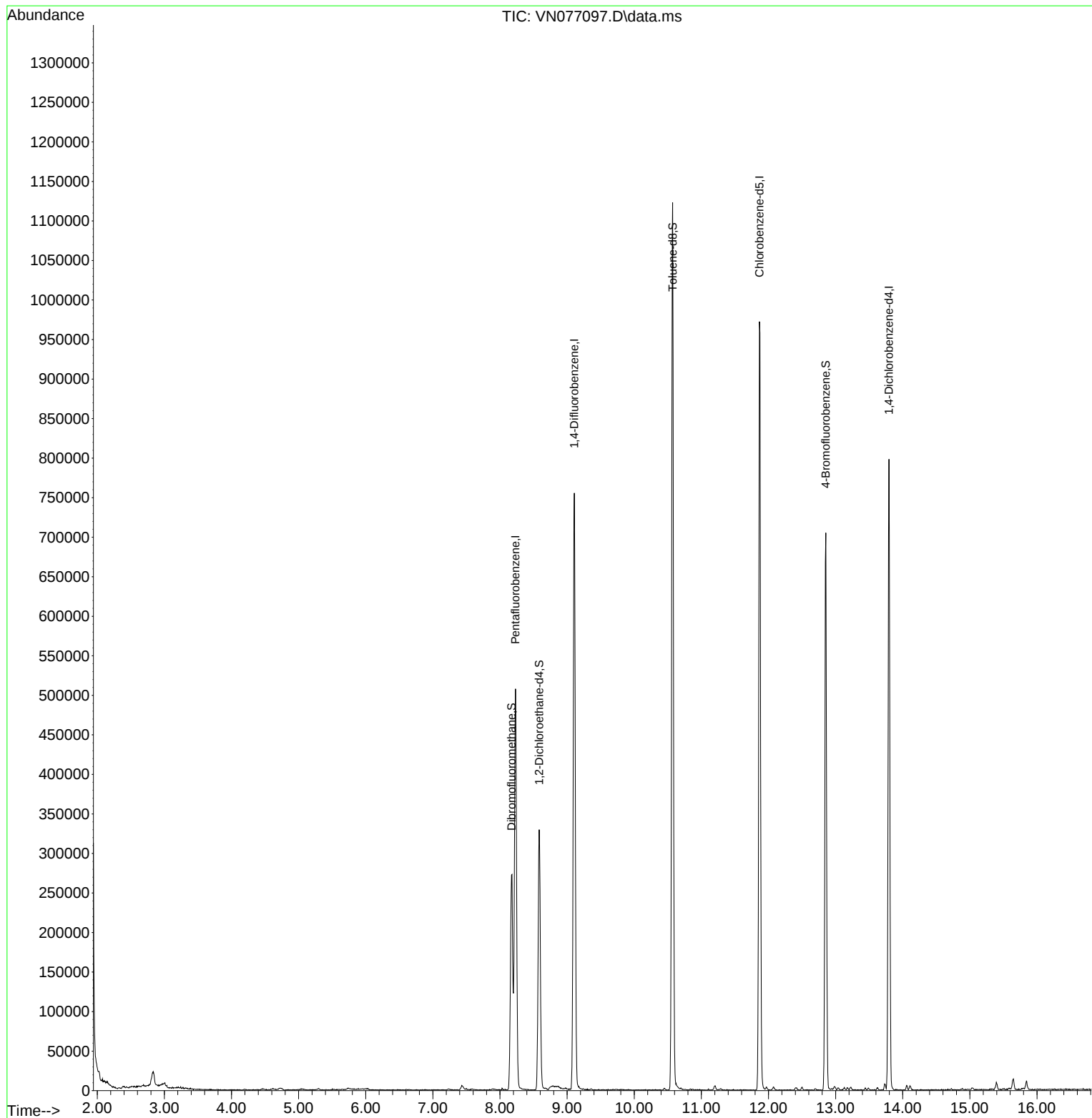
Target Compounds	Qvalue

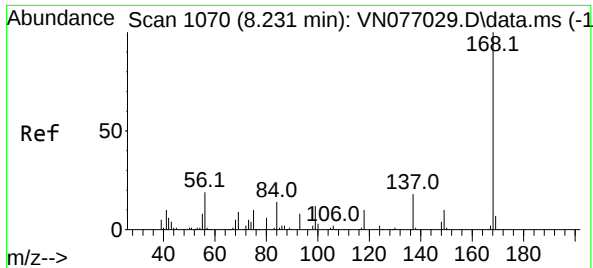
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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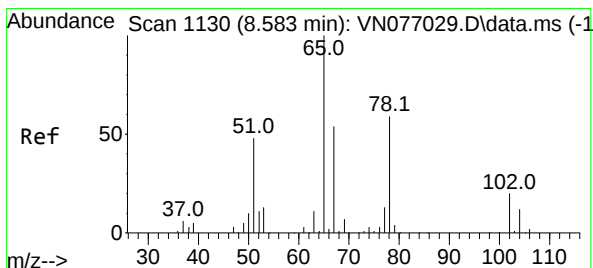
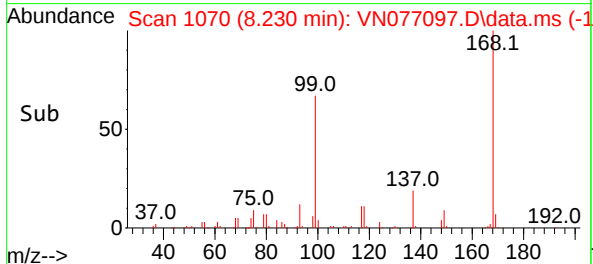
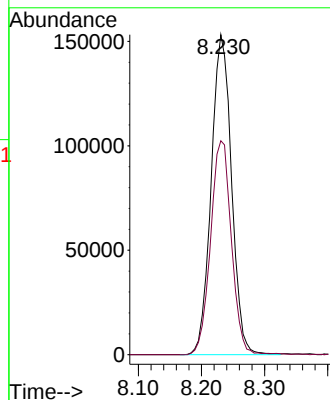
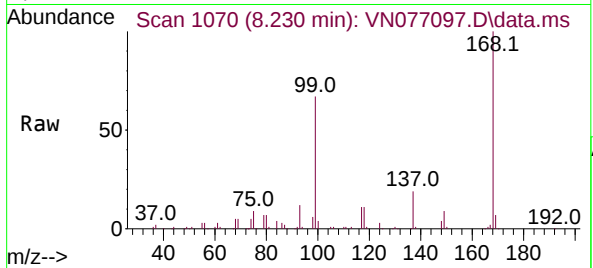




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.001 min
Lab File: VN077097.D
Acq: 22 Mar 2023 10:40

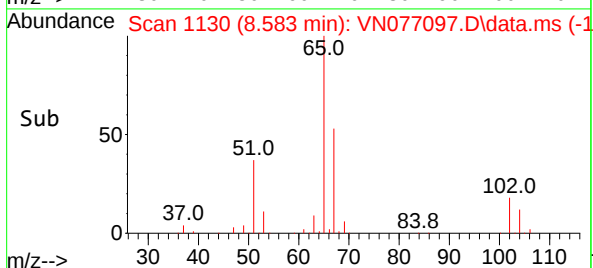
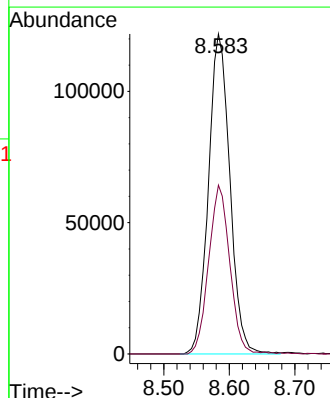
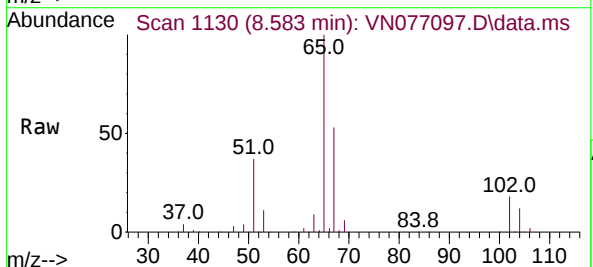
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBL01

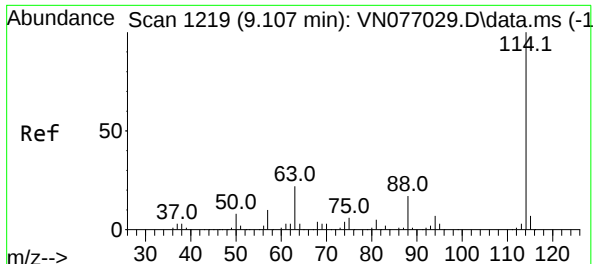
Tgt Ion:168 Resp: 342546
Ion Ratio Lower Upper
168 100
99 66.9 53.9 80.9



#33
1,2-Dichloroethane-d4
Concen: 50.579 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077097.D
Acq: 22 Mar 2023 10:40

Tgt Ion: 65 Resp: 276746
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077097.D

Acq: 22 Mar 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322MBL01

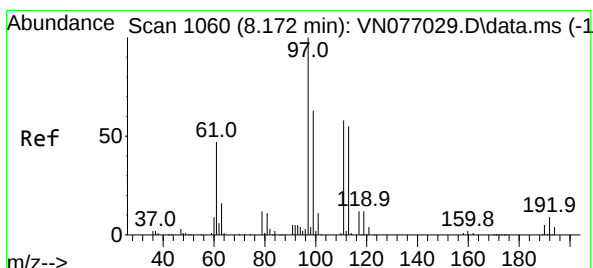
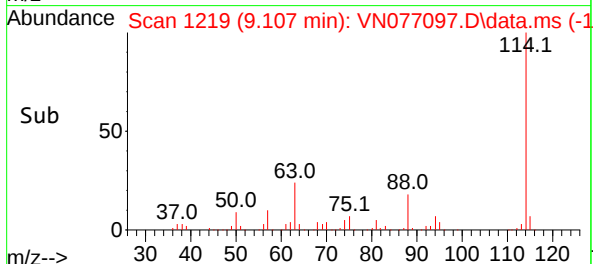
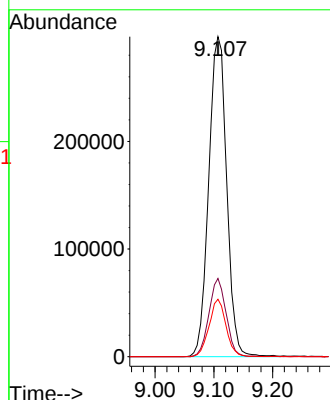
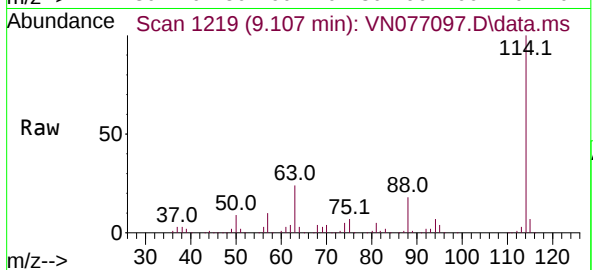
Tgt Ion:114 Resp: 630503

Ion Ratio Lower Upper

114 100

63 24.4 0.0 44.6

88 17.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 45.831 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077097.D

Acq: 22 Mar 2023 10:40

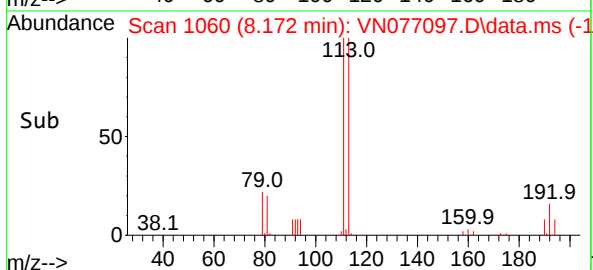
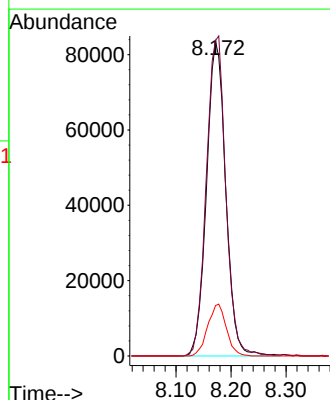
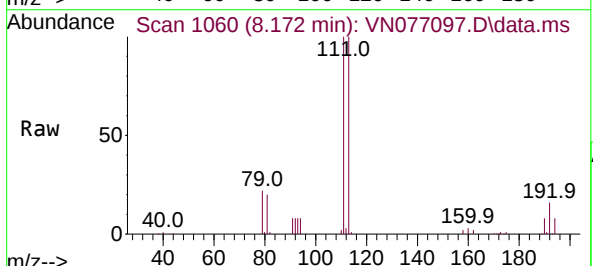
Tgt Ion:113 Resp: 202365

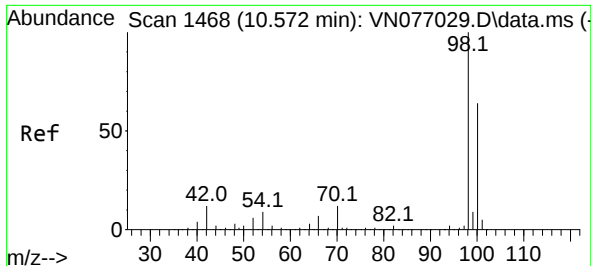
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 16.0 13.0 19.6

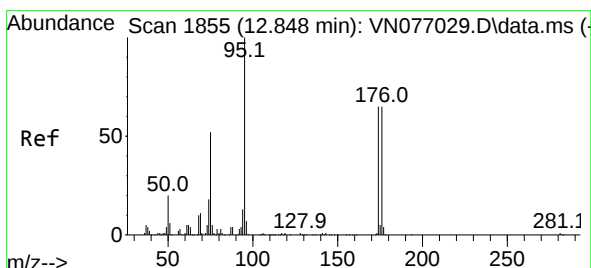
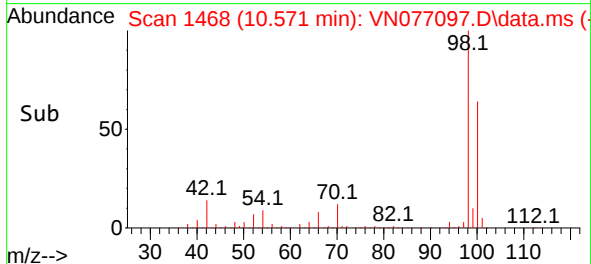
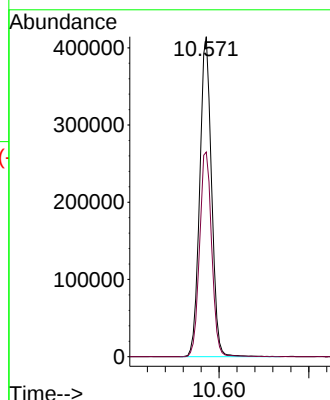
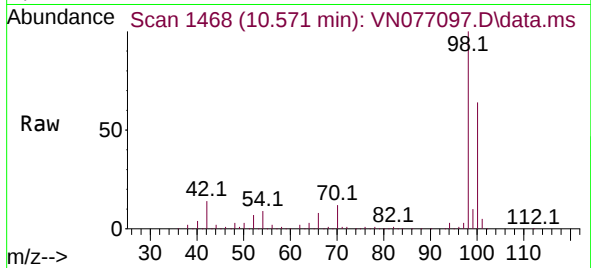




#50
Toluene-d8
Concen: 47.907 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077097.D
Acq: 22 Mar 2023 10:40

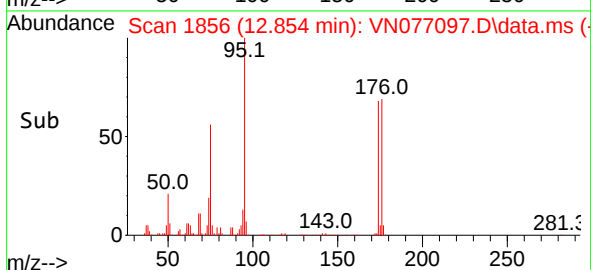
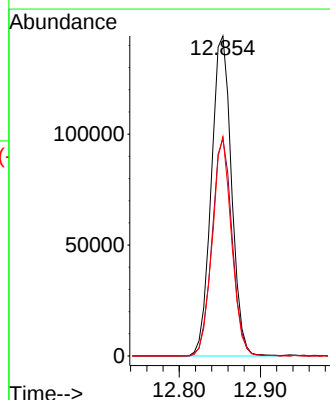
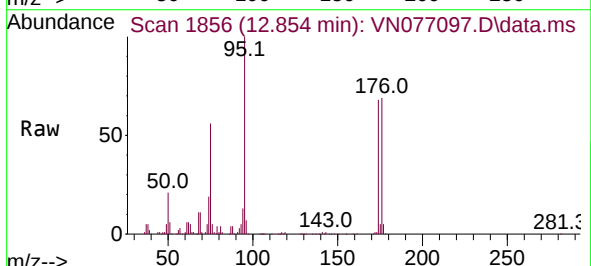
Instrument :
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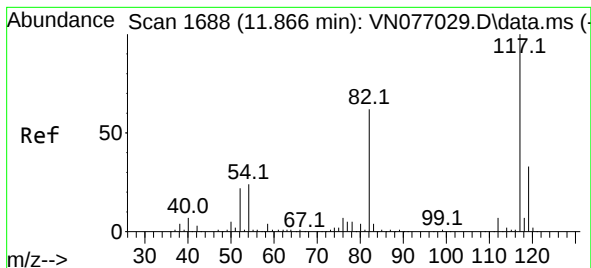
Tgt Ion: 98 Resp: 755620
Ion Ratio Lower Upper
98 100
100 65.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.681 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077097.D
Acq: 22 Mar 2023 10:40

Tgt Ion: 95 Resp: 249029
Ion Ratio Lower Upper
95 100
174 67.6 0.0 136.6
176 65.2 0.0 130.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077097.D

Acq: 22 Mar 2023 10:40

Instrument :

MSVOA_N

ClientSampleId :

VN0322MBL01

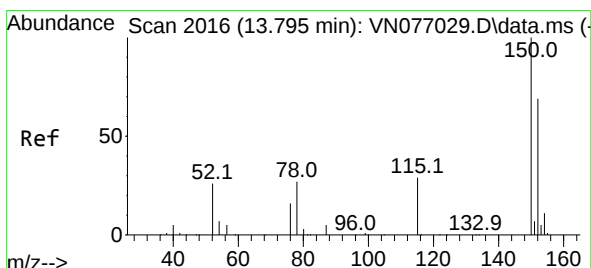
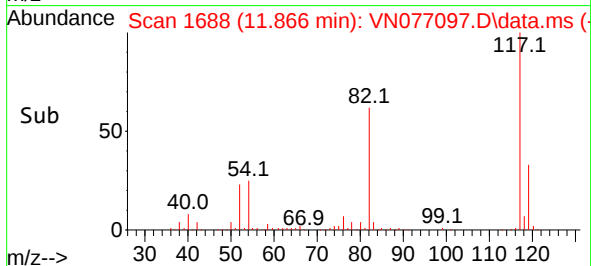
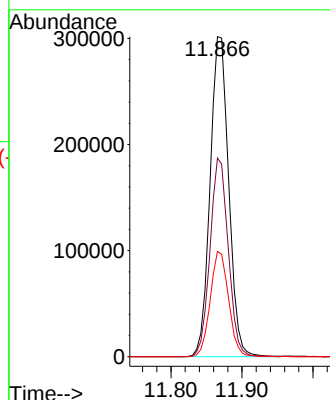
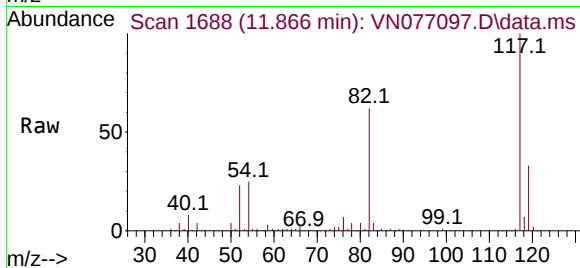
Tgt Ion:117 Resp: 547598

Ion Ratio Lower Upper

117 100

82 62.1 49.4 74.0

119 32.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077097.D

Acq: 22 Mar 2023 10:40

Tgt Ion:152 Resp: 202247

Ion Ratio Lower Upper

152 100

115 65.4 31.9 95.7

150 158.9 0.0 348.0

