

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077815.D
 Acq On : 23 May 2023 14:42
 Operator : JC\MD
 Sample : 02880-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT15811-20230519

Quant Time: May 24 02:54:38 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	372259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	665825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	573597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	182961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	247519	44.438	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.880%
35) Dibromofluoromethane	8.171	113	213054	49.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.140%
50) Toluene-d8	10.577	98	814900	48.762	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.520%
62) 4-Bromofluorobenzene	12.853	95	252694	42.813	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.620%

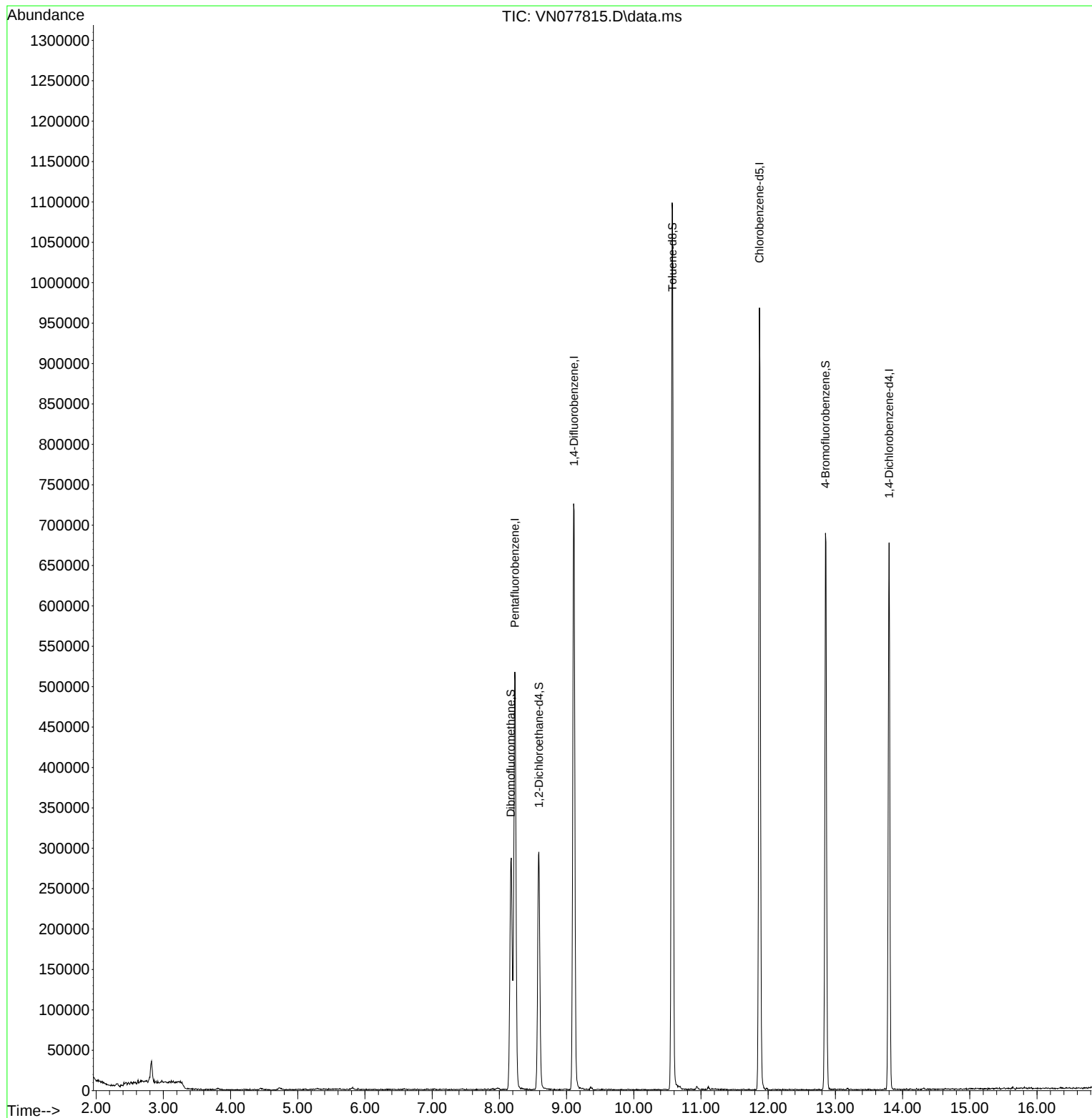
Target Compounds	Qvalue

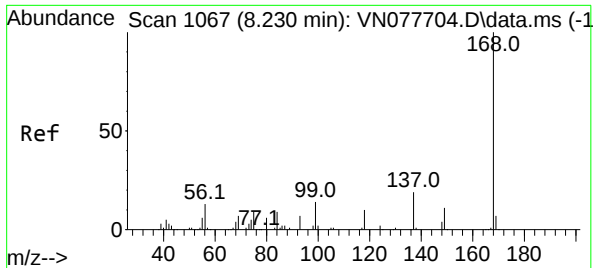
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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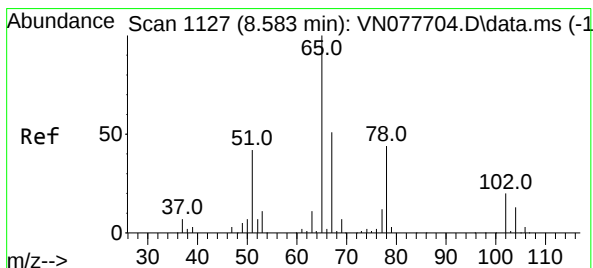
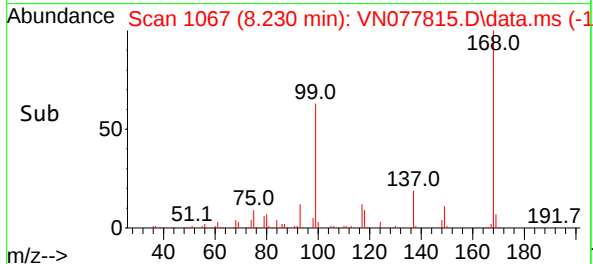
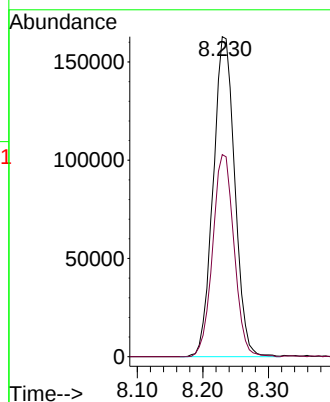
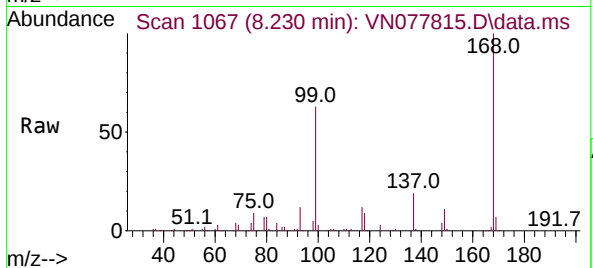




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

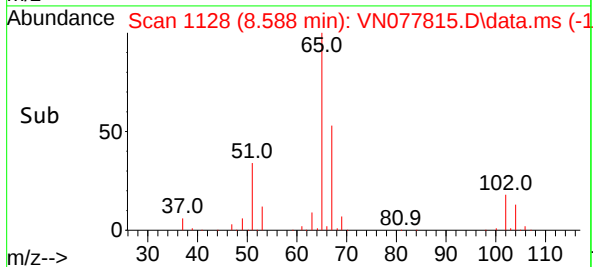
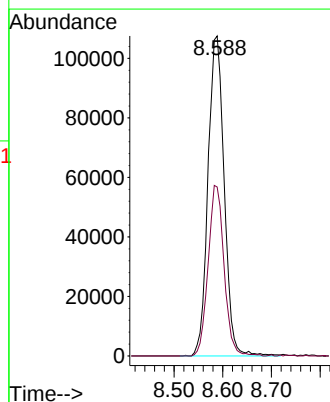
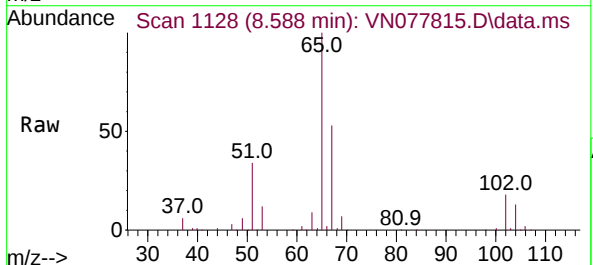
Instrument :
MSVOA_N
ClientSampleId :
TT15811-20230519

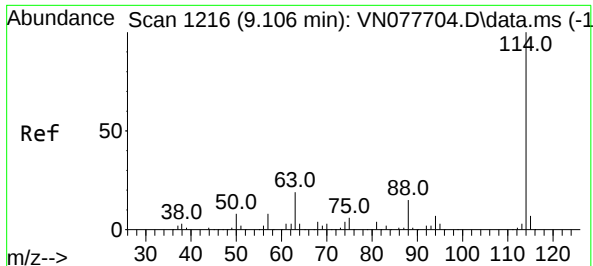
Tgt Ion:168 Resp: 372259
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.438 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

Tgt Ion: 65 Resp: 247519
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077815.D

Acq: 23 May 2023 14:42

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519

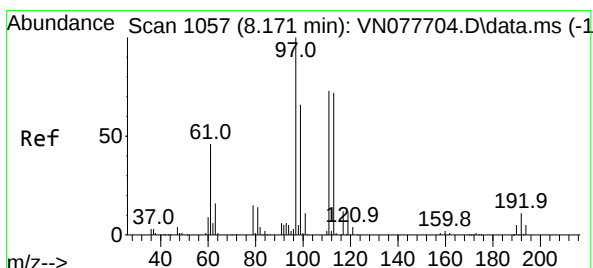
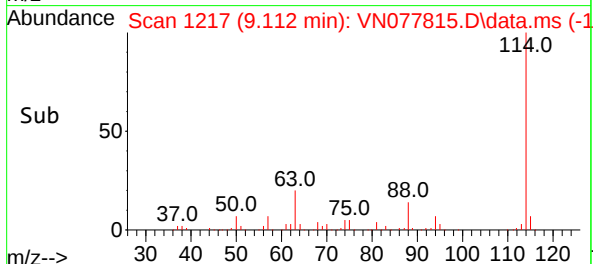
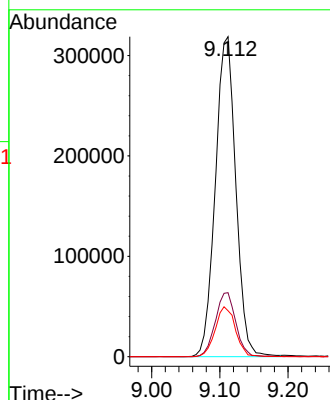
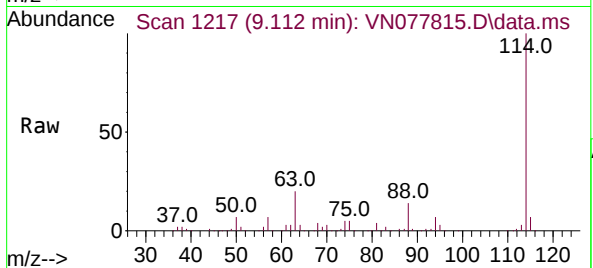
Tgt Ion:114 Resp: 665825

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.071 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077815.D

Acq: 23 May 2023 14:42

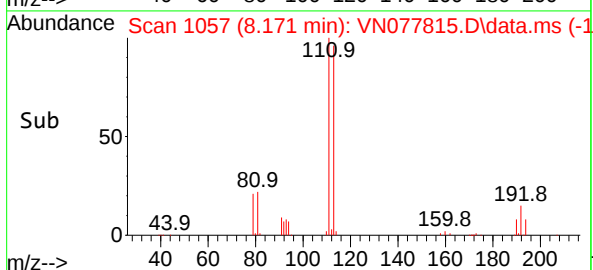
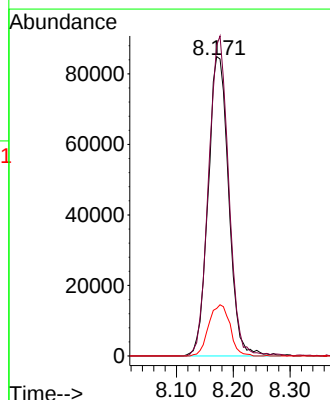
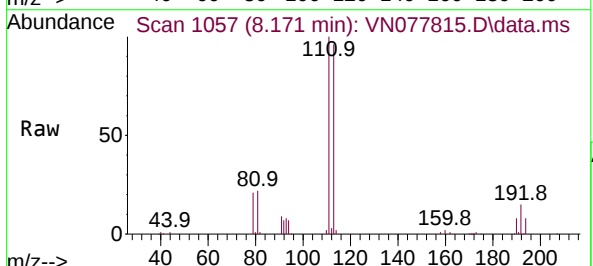
Tgt Ion:113 Resp: 213054

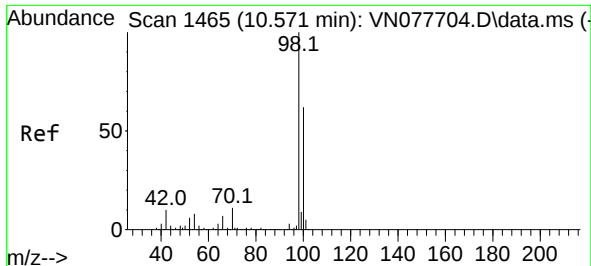
Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

192 17.7 12.7 19.1

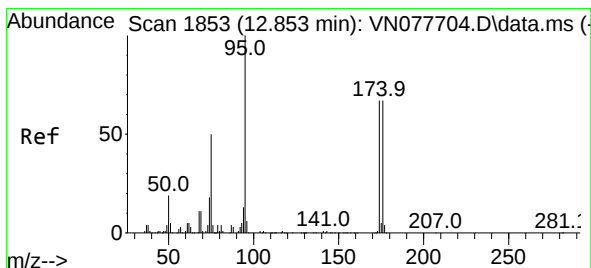
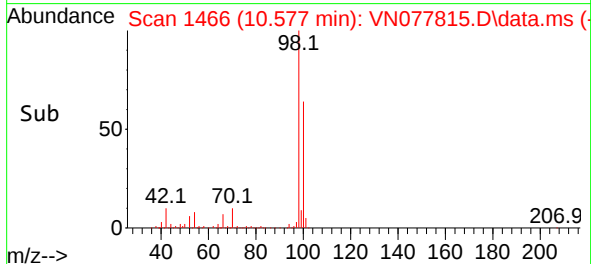
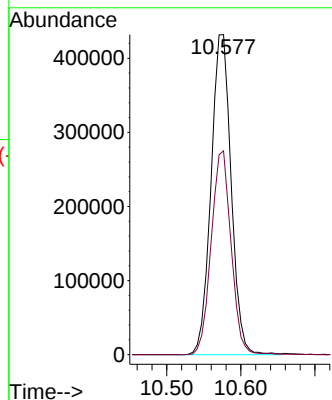
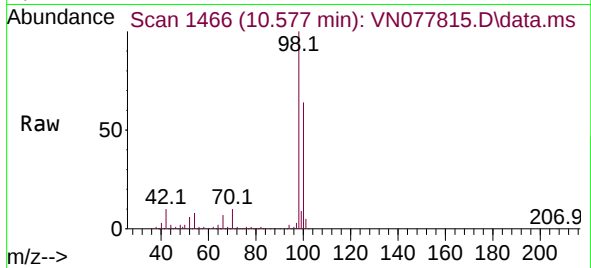




#50
Toluene-d8
Concen: 48.762 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

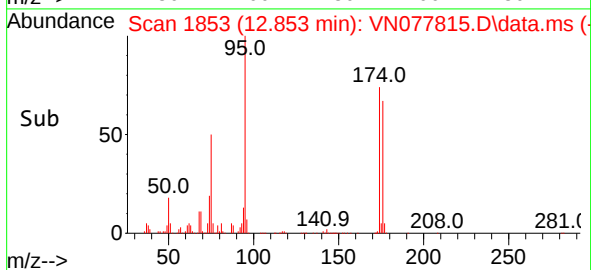
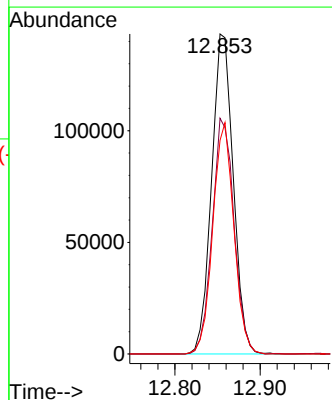
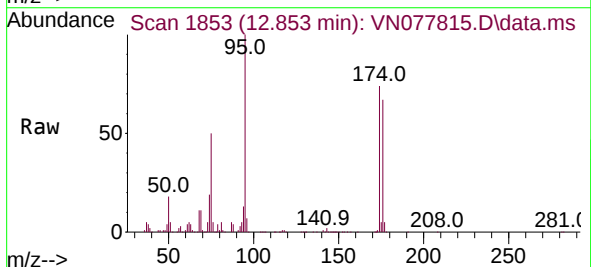
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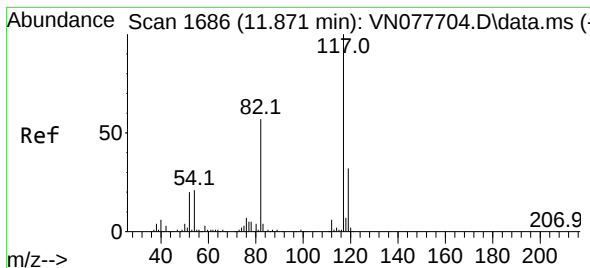
Tgt Ion: 98 Resp: 814900
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.813 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077815.D
Acq: 23 May 2023 14:42

Tgt Ion: 95 Resp: 252694
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 70.4 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: VN077815.D

Acq: 23 May 2023 14:42

Instrument :

MSVOA_N

ClientSampleId :

TT15811-20230519

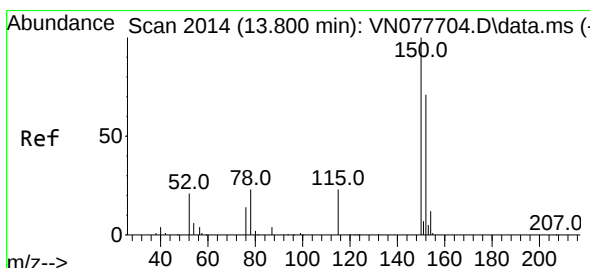
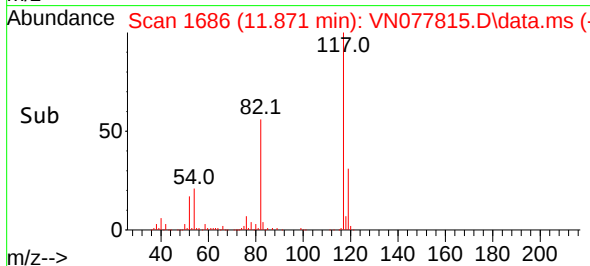
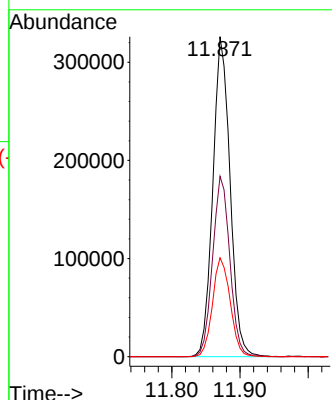
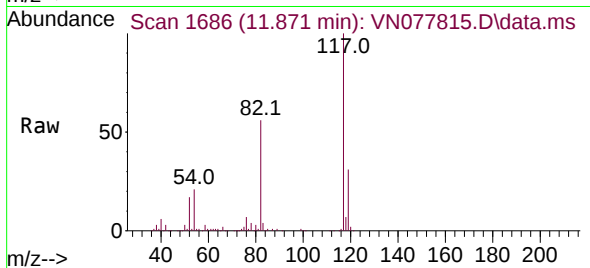
Tgt Ion:117 Resp: 573597

Ion Ratio Lower Upper

117 100

82 56.4 44.0 66.0

119 30.9 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: VN077815.D

Acq: 23 May 2023 14:42

Tgt Ion:152 Resp: 182961

Ion Ratio Lower Upper

152 100

115 62.8 32.3 96.8

150 156.5 0.0 355.8

