

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060123\
 Data File : VN078008.D
 Acq On : 01 Jun 2023 12:52
 Operator : JC\MD
 Sample : VN0601MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601MBL01

Quant Time: Jun 02 01:50:07 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	8.236	168	378547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	690585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	592177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	188458	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	255799	45.162	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.320%
35) Dibromofluoromethane	8.171	113	225328	50.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.080%
50) Toluene-d8	10.577	98	855238	49.341	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.859	95	249592	40.771	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.540%#

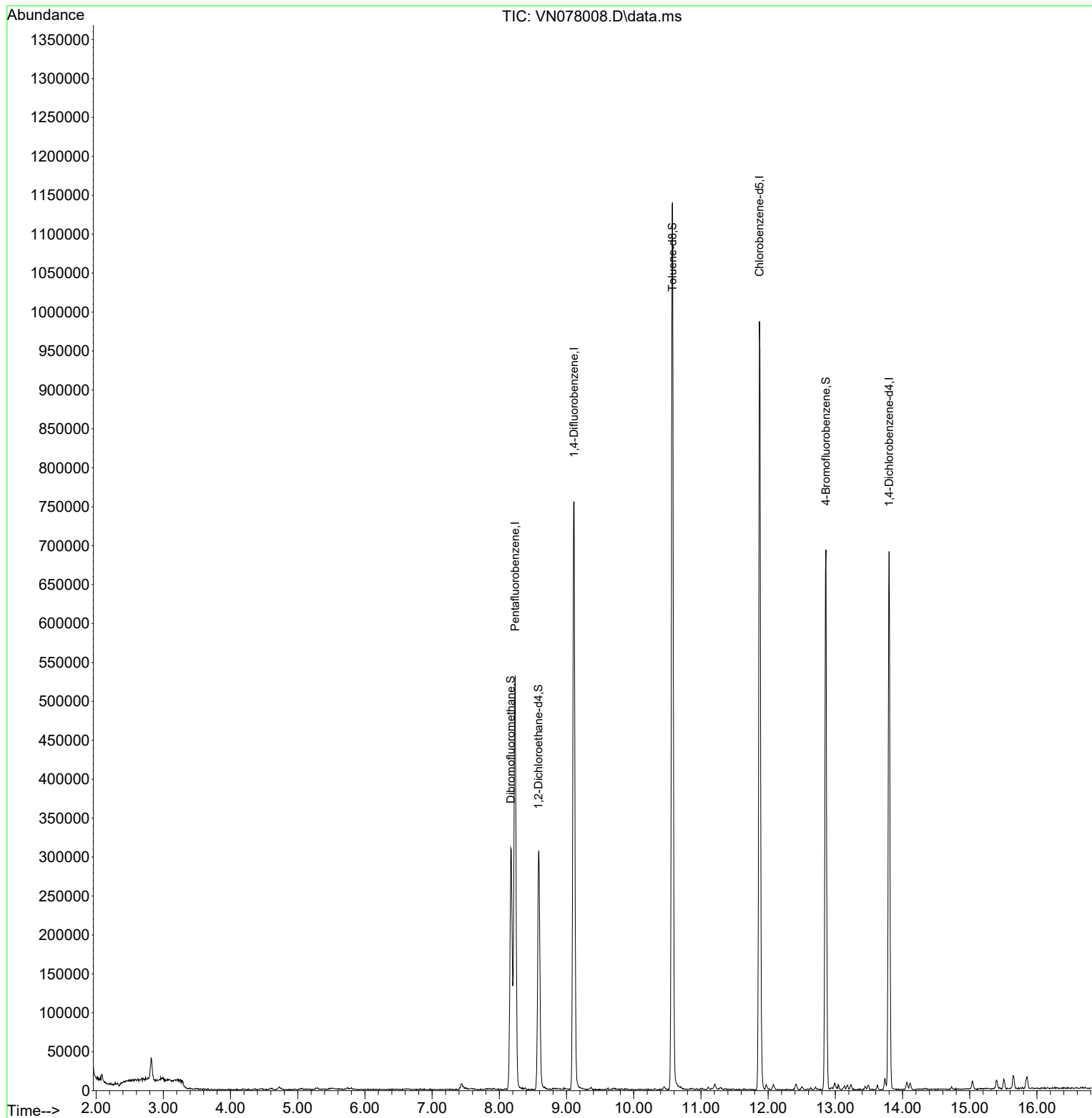
Target Compounds	Qvalue

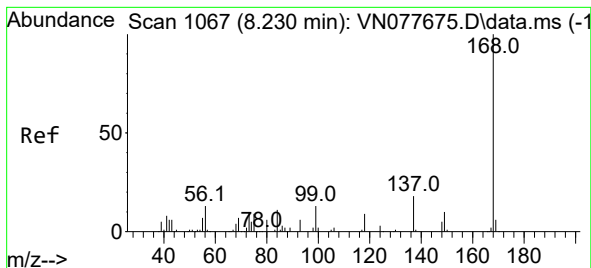
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 1067

Delta R.T. 0.006 min

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Acq: 01 Jun 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

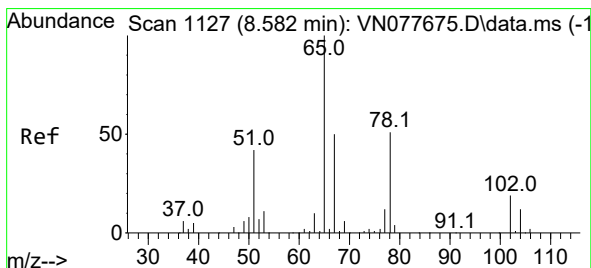
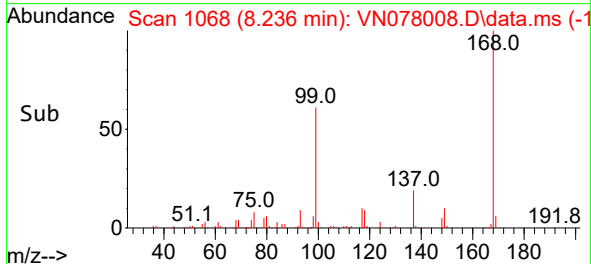
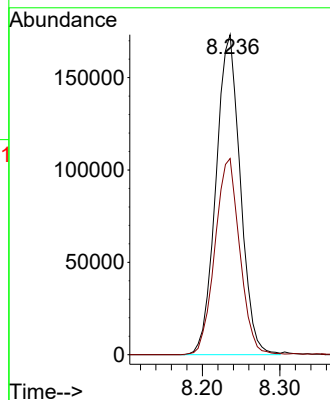
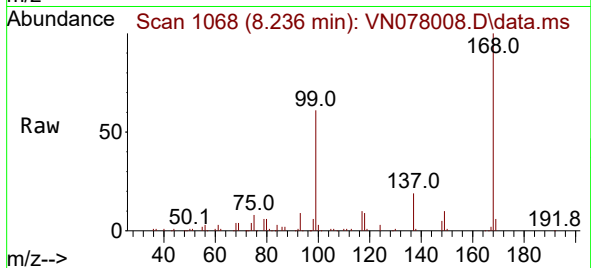
VN0601MBL01

Tgt Ion:168 Resp: 378547

Ion Ratio Lower Upper

168 100

99 61.3 53.0 79.6



#33

1,2-Dichloroethane-d4

Concen: 45.162 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN078008.D

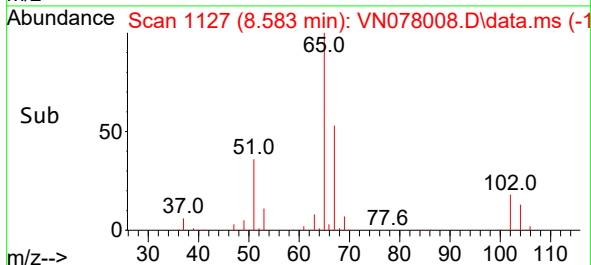
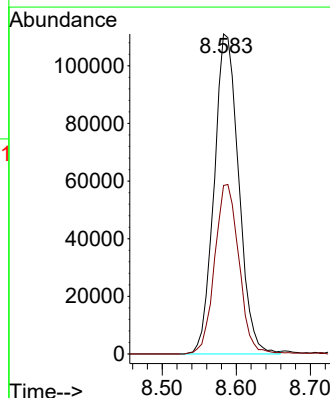
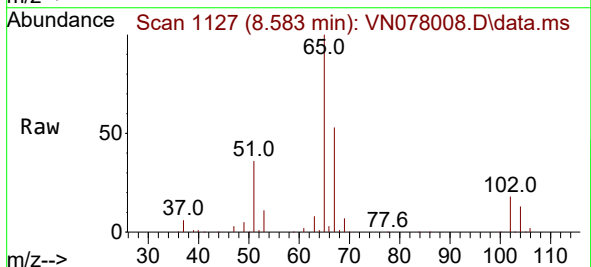
Acq: 01 Jun 2023 12:52

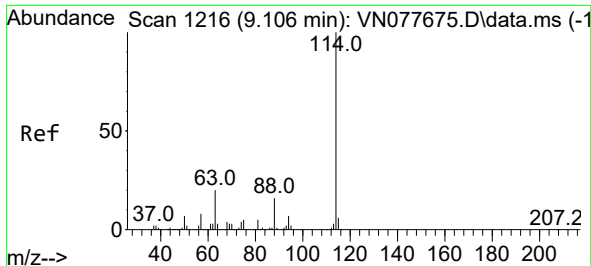
Tgt Ion: 65 Resp: 255799

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: VN078008.D

Acq: 01 Jun 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0601MBL01

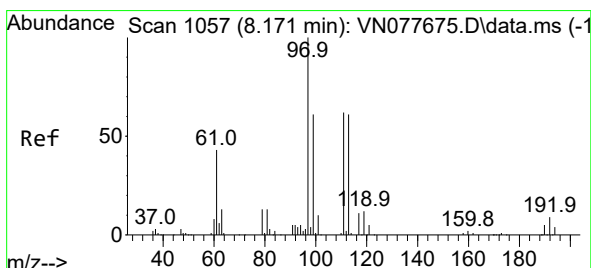
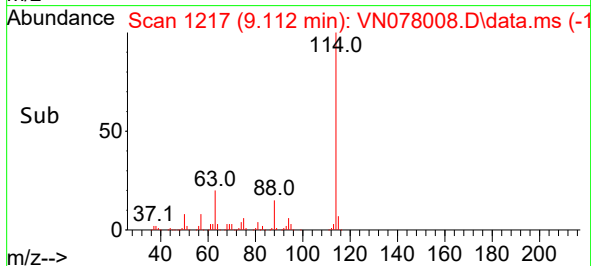
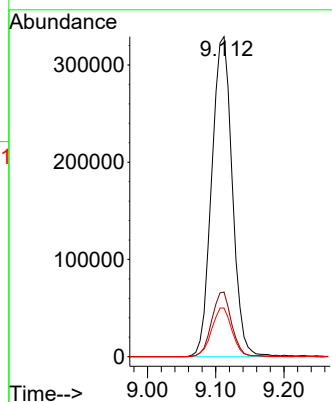
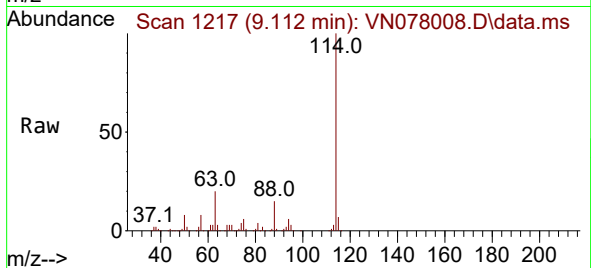
Tgt Ion:114 Resp: 690585

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.037 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078008.D

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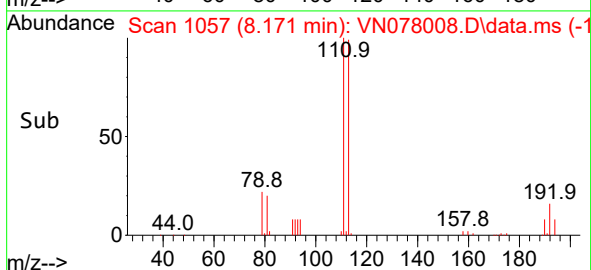
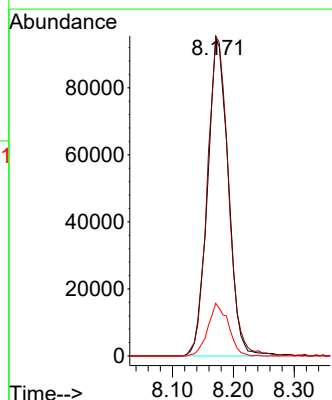
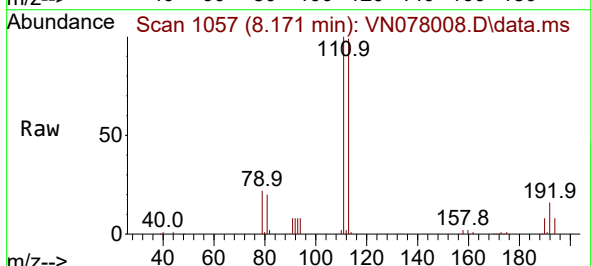
Tgt Ion:113 Resp: 225328

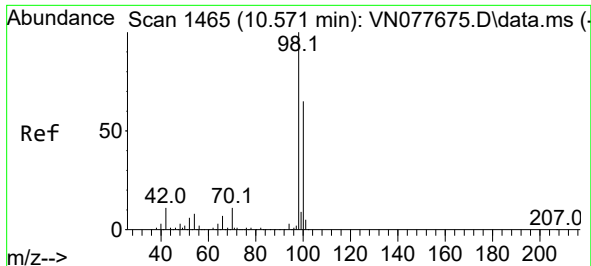
Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

192 16.3 12.7 19.1

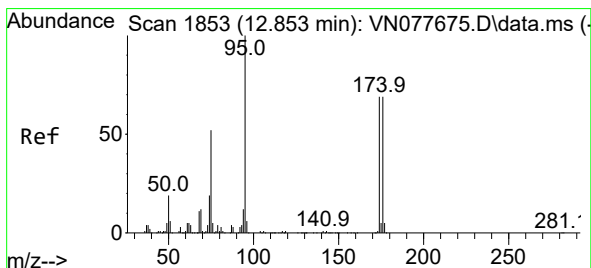
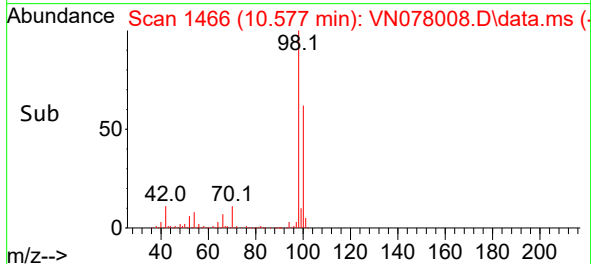
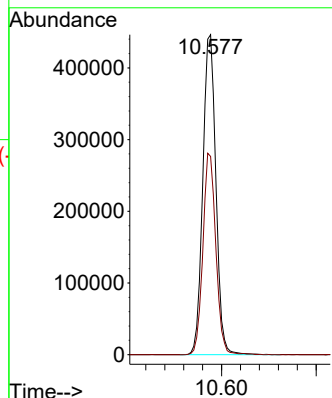
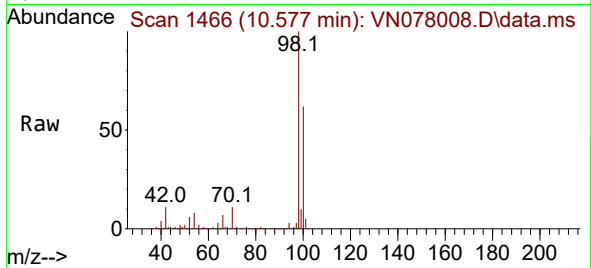




#50
Toluene-d8
Concen: 49.341 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078008.D
Acq: 01 Jun 2023 12:52

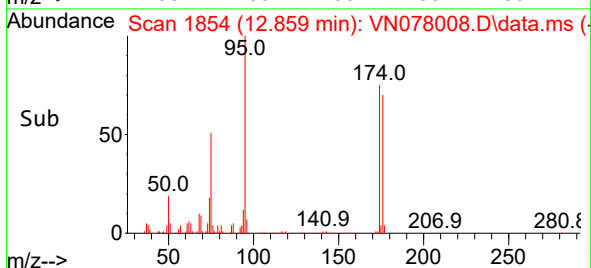
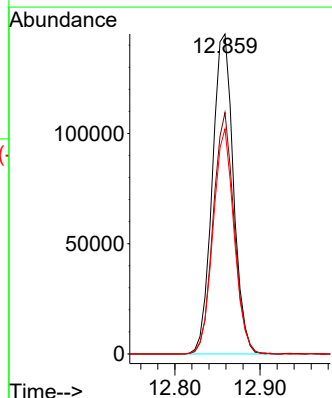
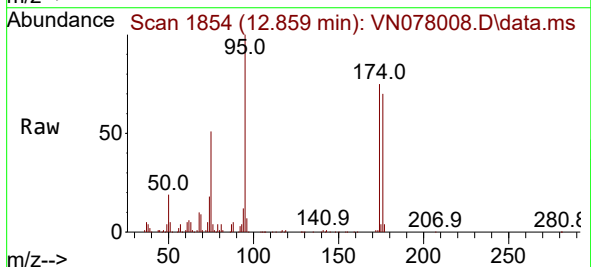
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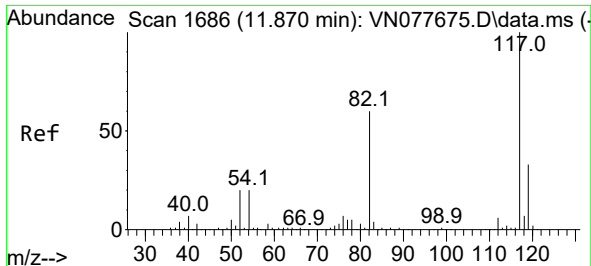
Tgt Ion: 98 Resp: 855238
Ion Ratio Lower Upper
98 100
100 62.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.771 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078008.D
Acq: 01 Jun 2023 12:52

Tgt Ion: 95 Resp: 249592
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 70.2 0.0 135.8

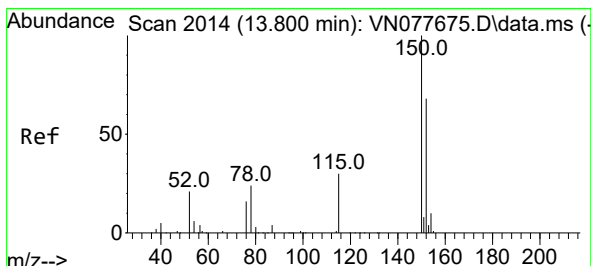
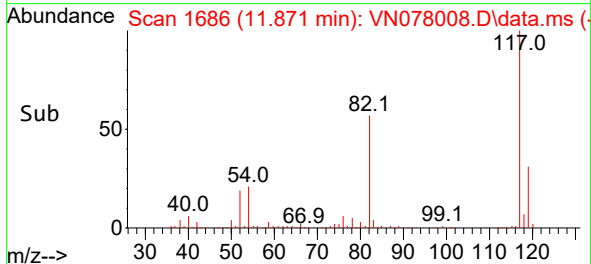
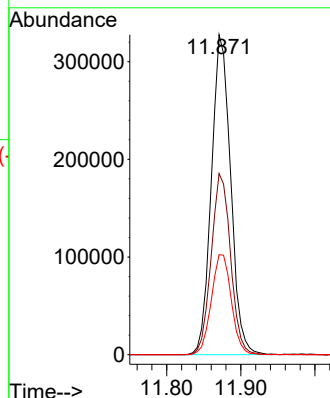
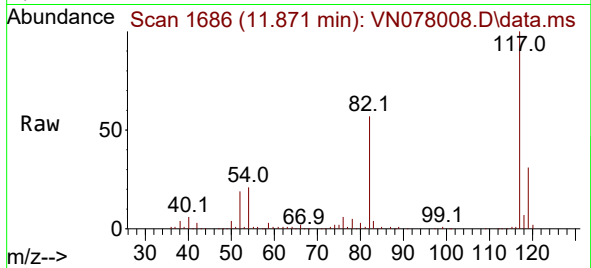




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN078008.D
Acq: 01 Jun 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN0601MBL01

Tgt Ion:117 Resp: 592177
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 31.3 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: VN078008.D
Acq: 01 Jun 2023 12:52

Tgt Ion:152 Resp: 188458
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 156.8 0.0 355.8

