

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077929.D
 Acq On : 26 May 2023 15:53
 Operator : JC\MD
 Sample : 02945-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

Quant Time: May 29 00:30:03 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	404215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	729554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	627342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	186659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	275680	45.581	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.160%		
35) Dibromofluoromethane	8.177	113	237128	49.845	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.680%		
50) Toluene-d8	10.577	98	896390	48.953	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.900%		
62) 4-Bromofluorobenzene	12.859	95	280877	43.431	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.860%		
Target Compounds						
19) Methyl tert-butyl Ether	5.812	73	6154m	0.400	ug/l	Qvalue

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

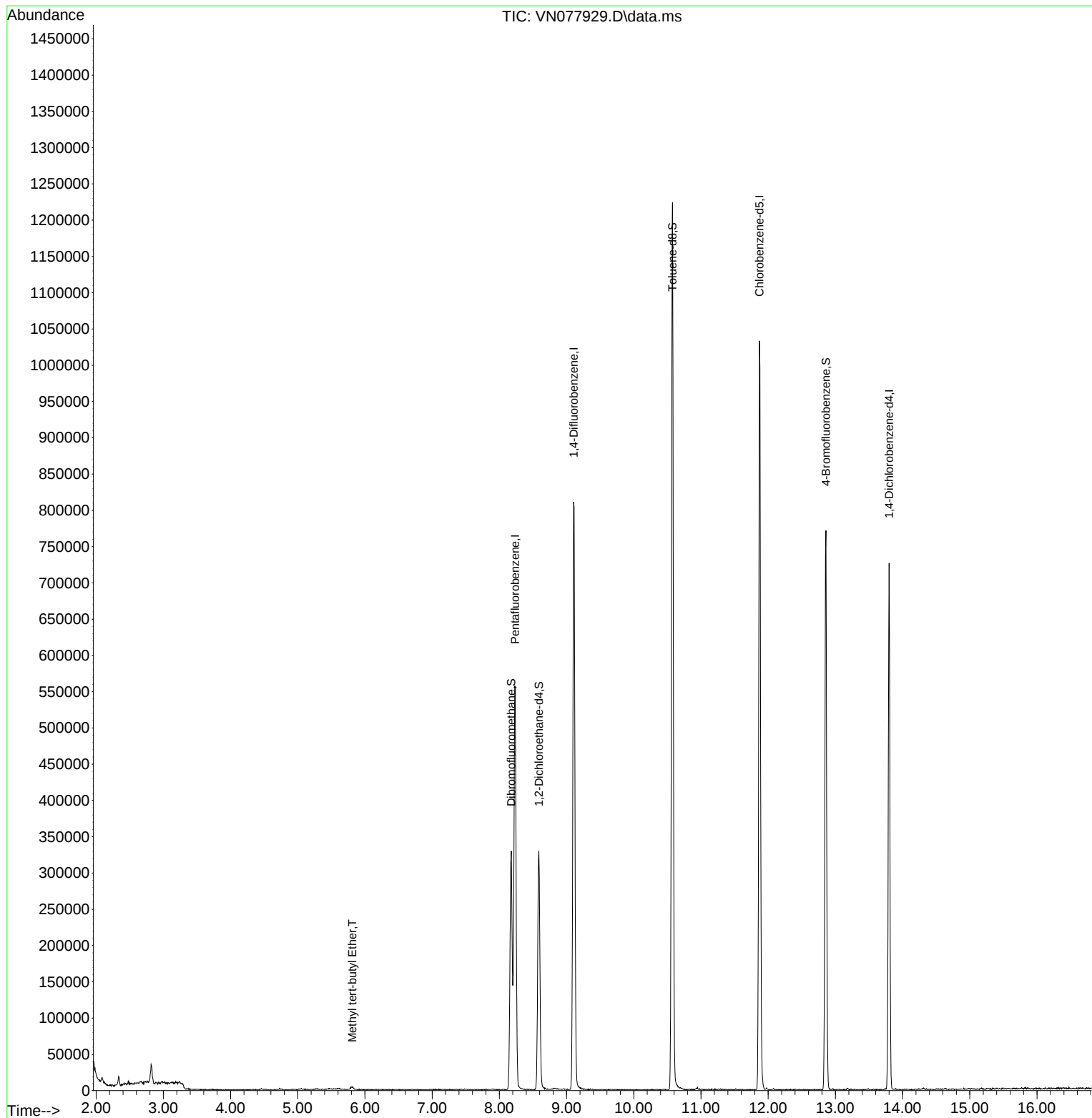
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
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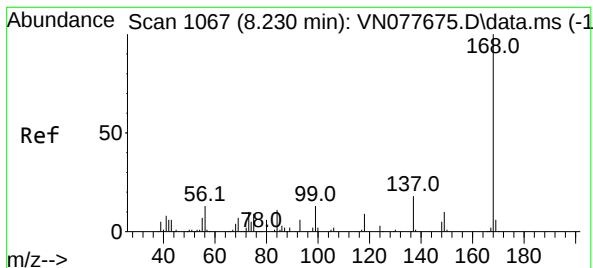
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
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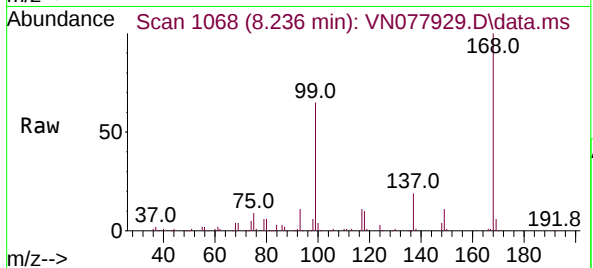
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077929.D
Acq: 26 May 2023 15:53

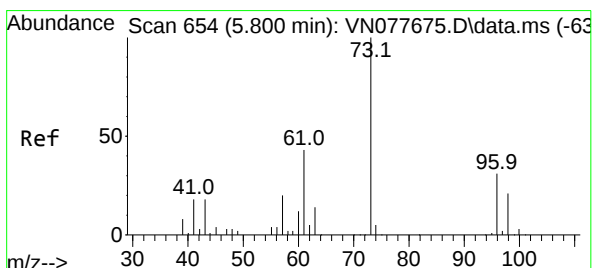
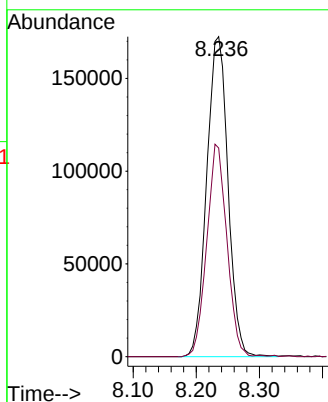
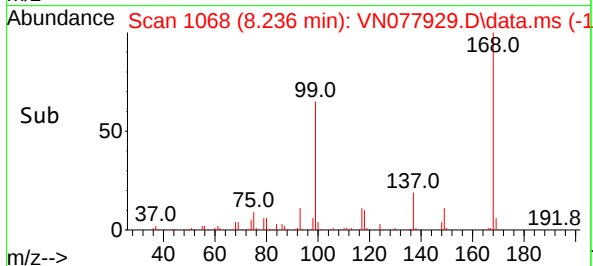
Instrument :
MSVOA_N
ClientSampleId :
TWP03



Tgt Ion:168 Resp: 404215
Ion Ratio Lower Upper
168 100
99 65.2 53.0 79.6

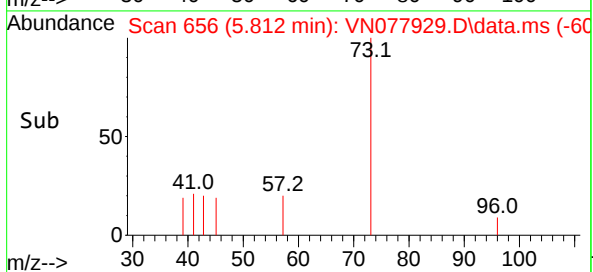
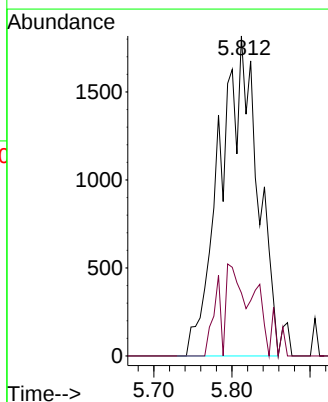
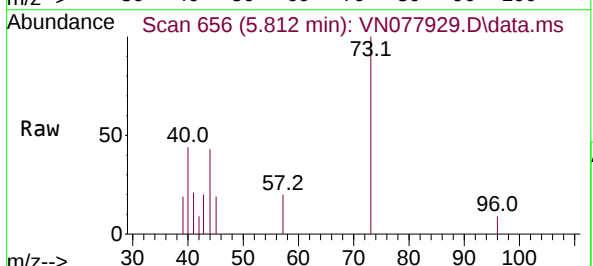
Manual Integrations
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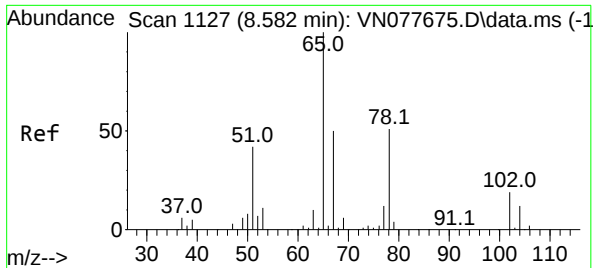
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#19
Methyl tert-butyl Ether
Concen: 0.400 ug/l m
RT: 5.812 min Scan# 656
Delta R.T. 0.012 min
Lab File: VN077929.D
Acq: 26 May 2023 15:53

Tgt Ion: 73 Resp: 6154
Ion Ratio Lower Upper
73 100
57 19.7 15.6 23.4





#33

1,2-Dichloroethane-d4

Concen: 45.581 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077929.D

Acq: 26 May 2023 15:53

Instrument :

MSVOA_N

ClientSampleId :

TWP03

Tgt Ion: 65 Resp: 275680

Ion Ratio Lower Upper

65 100

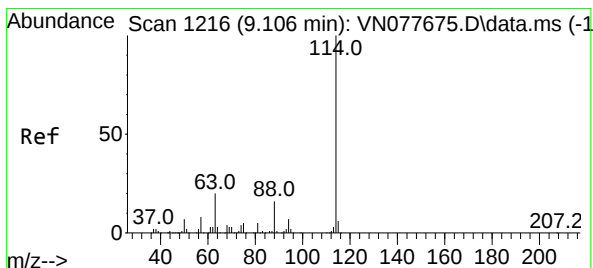
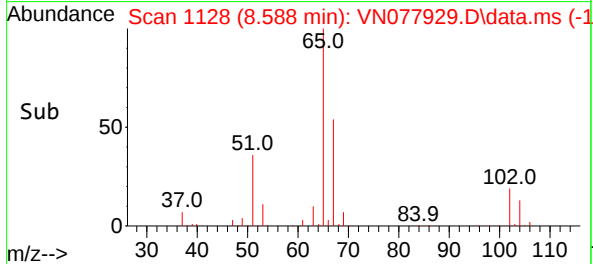
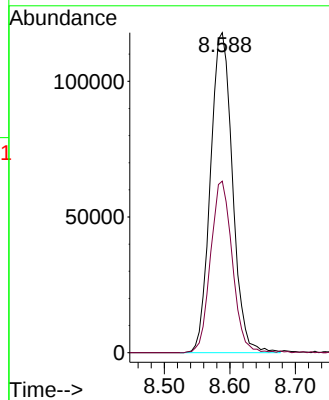
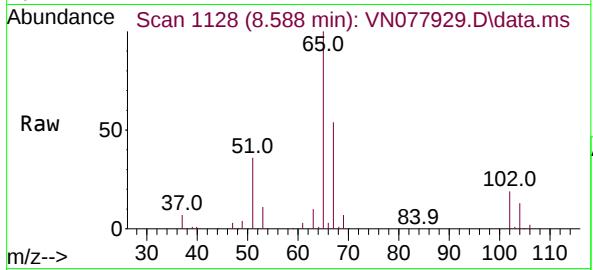
67 52.7 0.0 106.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077929.D

Acq: 26 May 2023 15:53

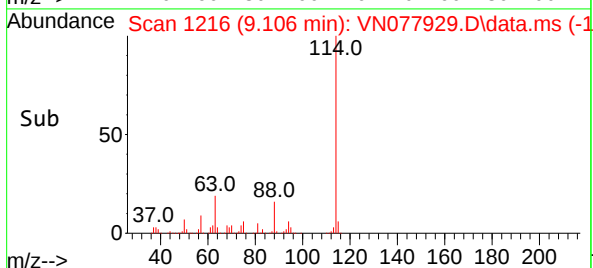
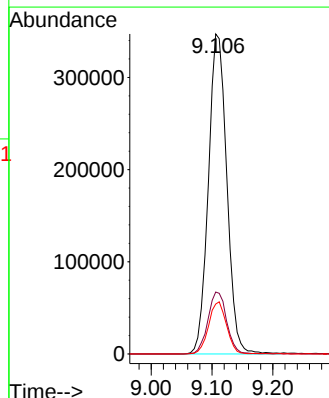
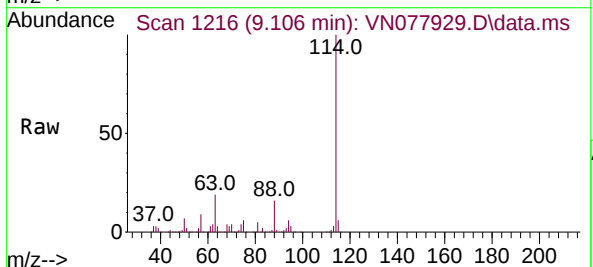
Tgt Ion:114 Resp: 729554

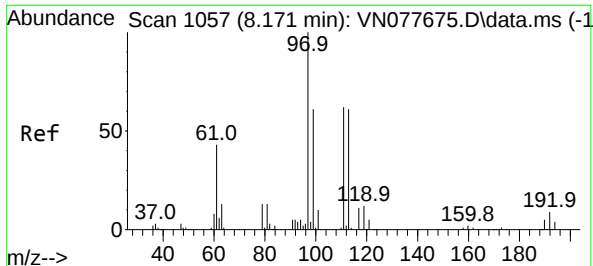
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.845 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077929.D

Acq: 26 May 2023 15:53

Instrument :

MSVOA_N

ClientSampleId :

TWP03

Tgt Ion:113 Resp: 237128

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

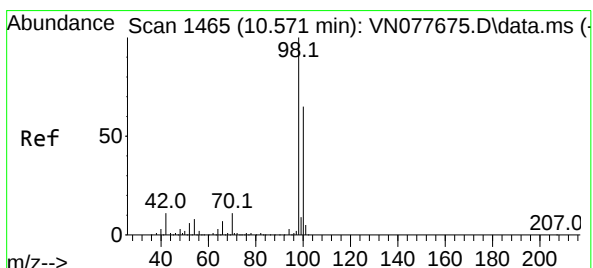
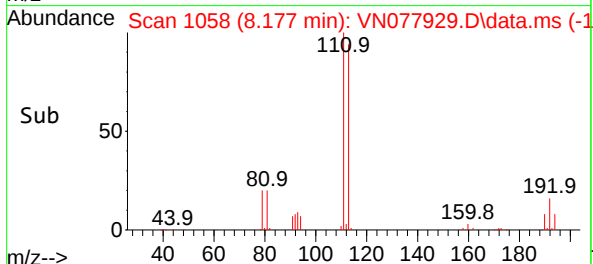
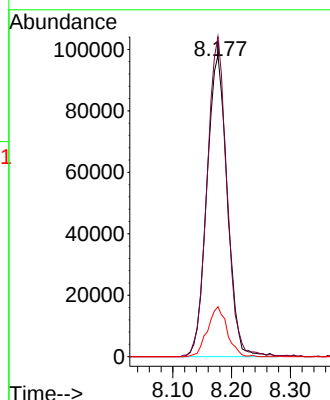
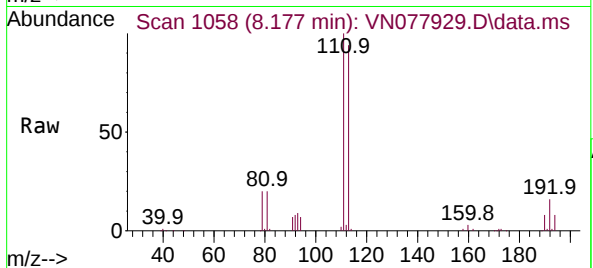
192 15.9 12.7 19.1

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Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#50

Toluene-d8

Concen: 48.953 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN077929.D

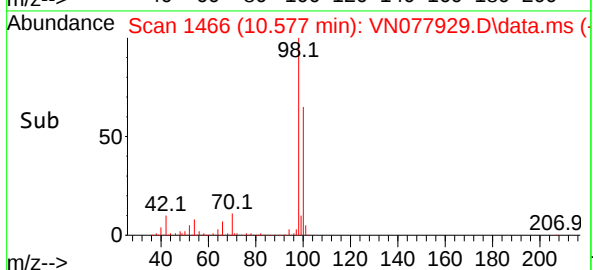
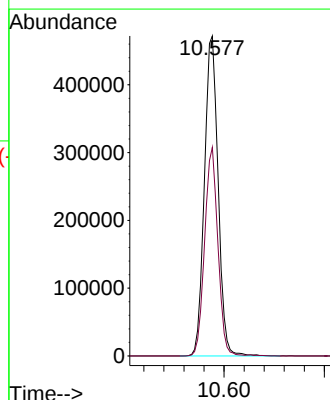
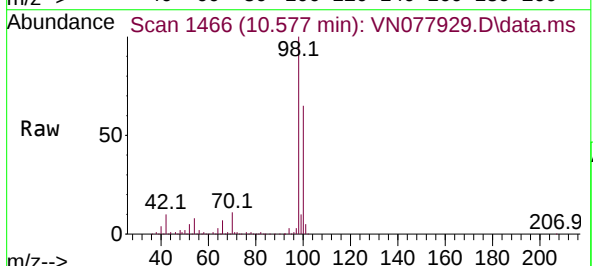
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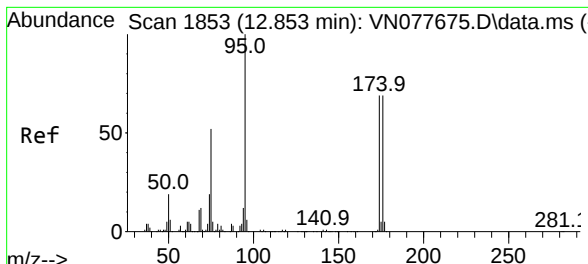
Tgt Ion: 98 Resp: 896390

Ion Ratio Lower Upper

98 100

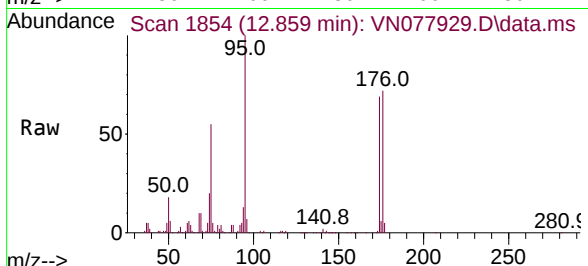
100 63.0 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 43.431 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077929.D
Acq: 26 May 2023 15:53

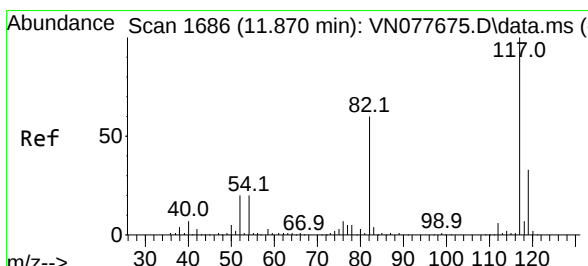
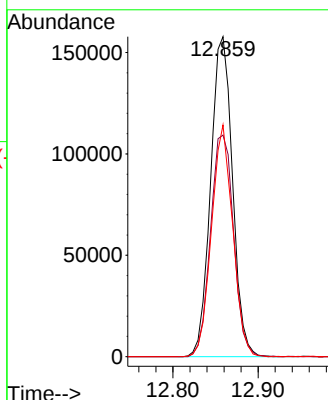
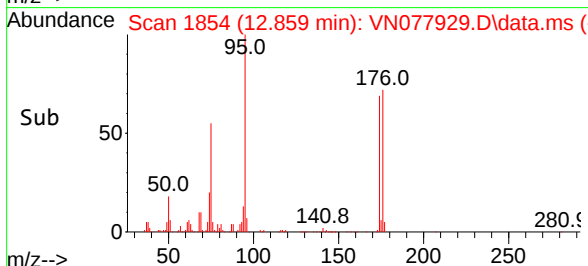
Instrument :
MSVOA_N
ClientSampleId :
TWP03



Tgt Ion:	95	Resp:	28087
Ion Ratio	Lower	Upper	
95	100		
174	73.2	0.0	143.8
176	70.3	0.0	135.8

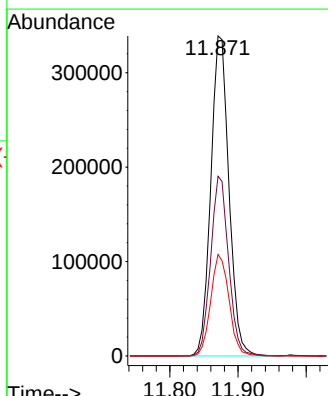
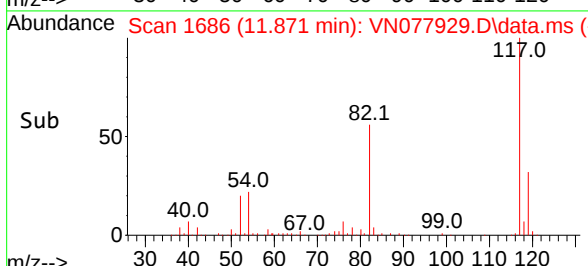
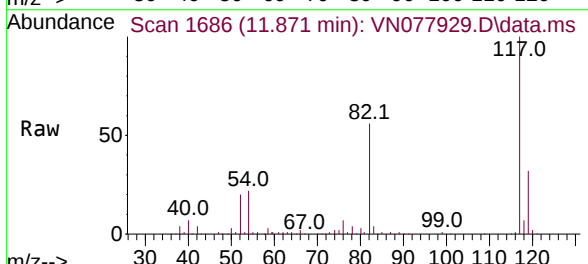
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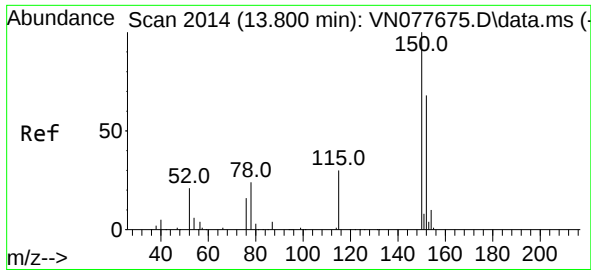
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077929.D
Acq: 26 May 2023 15:53

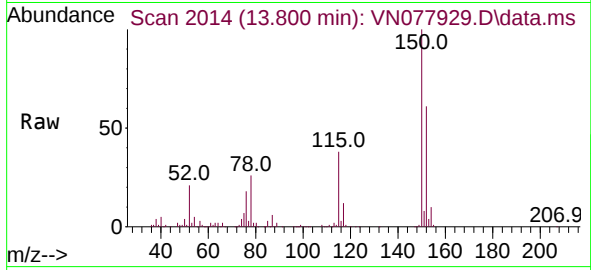
Tgt Ion:	117	Resp:	627342
Ion Ratio	Lower	Upper	
117	100		
82	56.2	44.0	66.0
119	31.7	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077929.D
 Acq: 26 May 2023 15:53

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP03



Tgt Ion:152 Resp: 186659
 Ion Ratio Lower Upper
 152 100
 115 63.2 32.3 96.8
 150 160.1 0.0 355.8

Manual Integrations
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