

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076321.D
 Acq On : 19 Jan 2023 14:31
 Operator : JC\MD
 Sample : 01221-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13-0118

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 00:56:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	411546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	650509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	552596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	211487	45.895	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.800%		
35) Dibromofluoromethane	8.177	113	192810	47.383	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.760%		
50) Toluene-d8	10.571	98	736235	48.991	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.980%		
62) 4-Bromofluorobenzene	12.853	95	229510	46.782	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.560%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.542	59	23482m	38.098	ug/l	
19) Methyl tert-butyl Ether	5.806	73	27007166	2104.538	ug/l	97
22) Diisopropyl ether	6.683	45	18166	1.677	ug/l #	94
67) Ethyl Benzene	11.971	91	16406	0.821	ug/l	94
68) m/p-Xylenes	12.082	106	5616	0.701	ug/l	100
69) o-Xylene	12.400	106	4357	0.553	ug/l	95
78) n-propylbenzene	13.041	91	5755	0.287	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	22003	1.473	ug/l	100

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

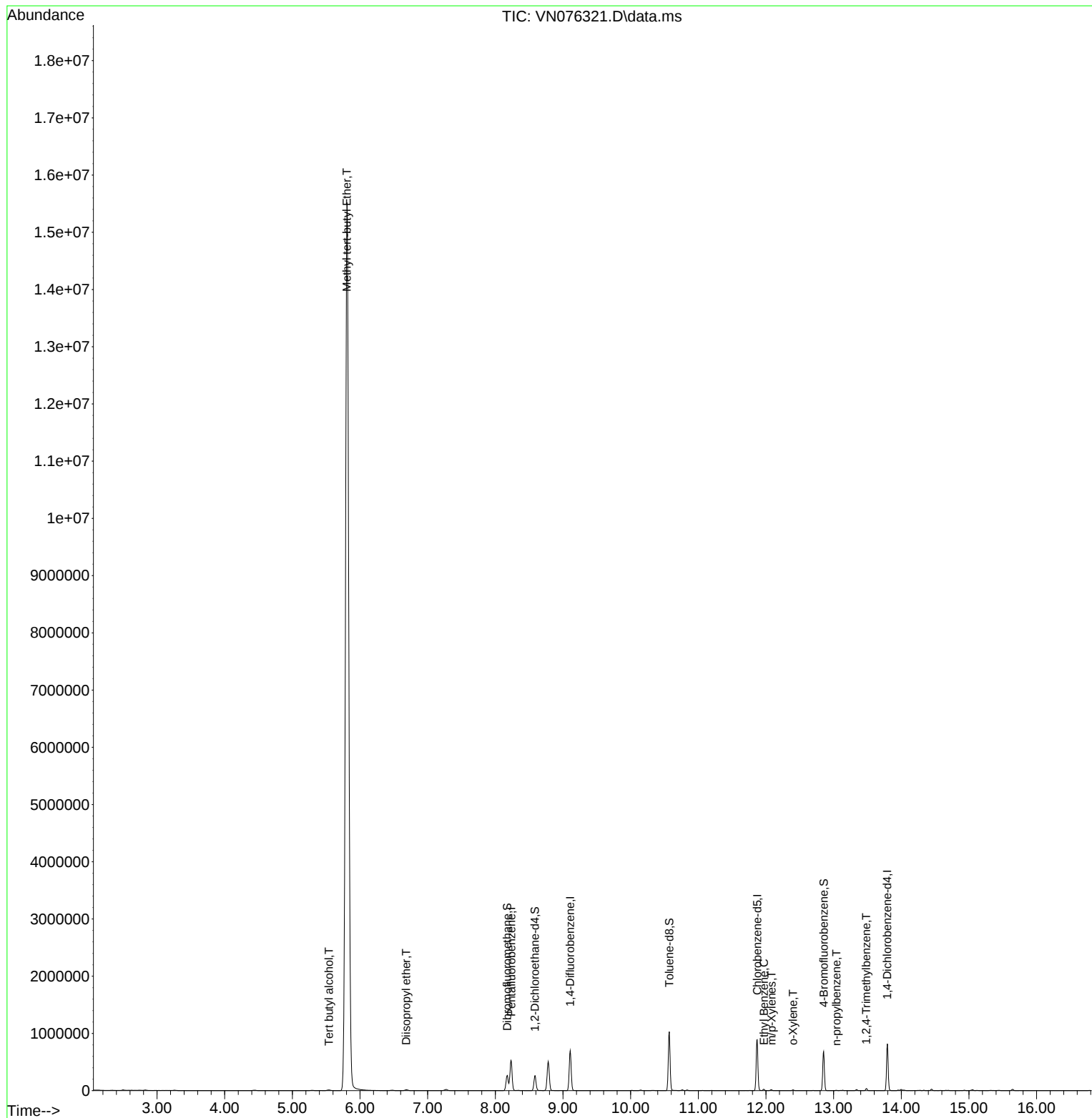
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
Data File : VN076321.D
Acq On : 19 Jan 2023 14:31
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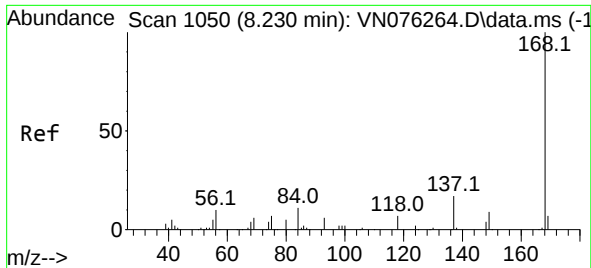
Instrument :
MSVOA_N
ClientSampleId :
MW-13-0118

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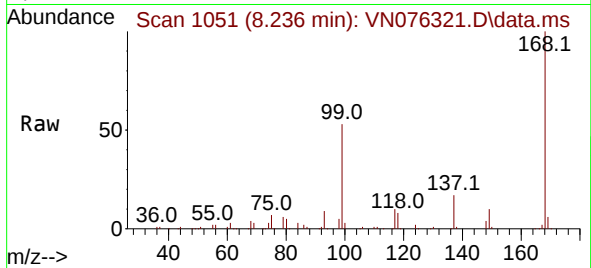
Quant Time: Jan 20 00:56:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076321.D
Acq: 19 Jan 2023 14:31

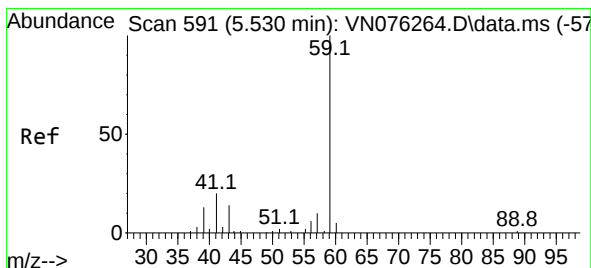
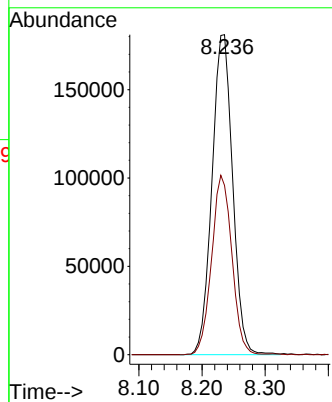
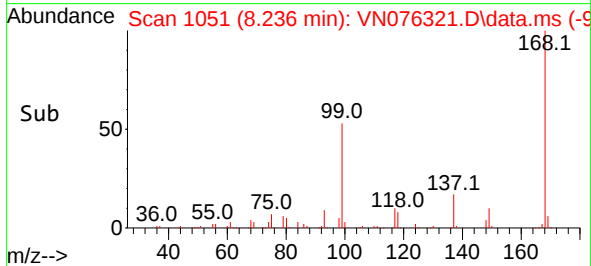
Instrument :
MSVOA_N
ClientSampleId :
MW-13-0118



Tgt Ion:168 Resp: 411540
Ion Ratio Lower Upper
168 100
99 52.9 41.6 62.4

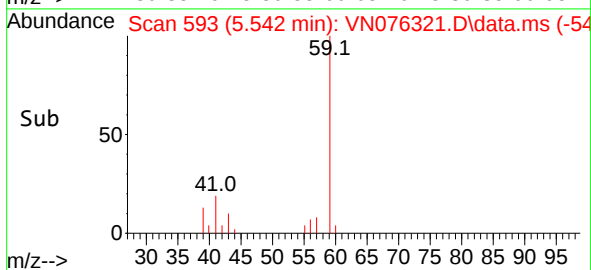
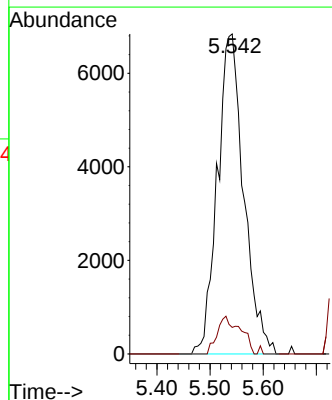
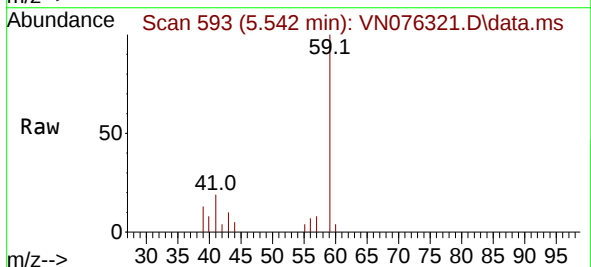
Manual Integrations
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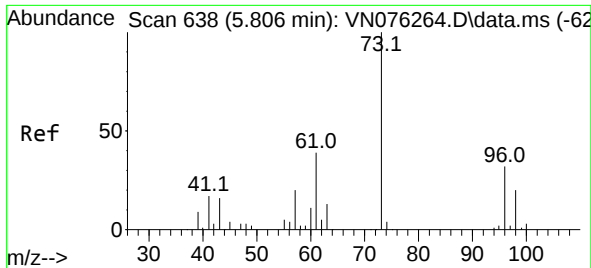
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#11
Tert butyl alcohol
Concen: 38.098 ug/l m
RT: 5.542 min Scan# 593
Delta R.T. 0.012 min
Lab File: VN076321.D
Acq: 19 Jan 2023 14:31

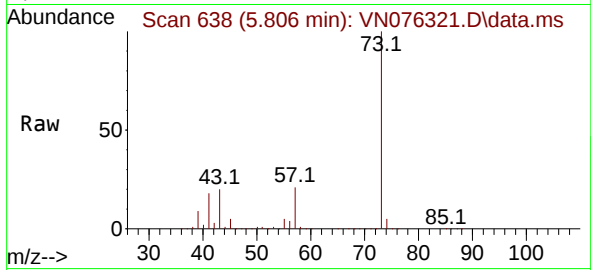
Tgt Ion: 59 Resp: 23482
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#19
Methyl tert-butyl Ether
Concen: 2104.538 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076321.D
Acq: 19 Jan 2023 14:31

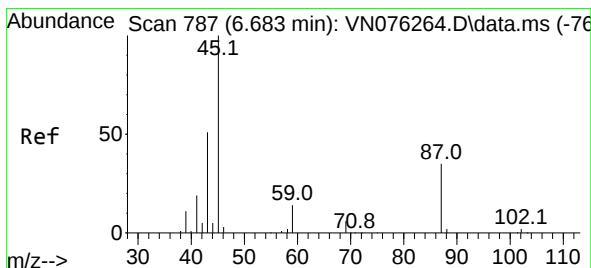
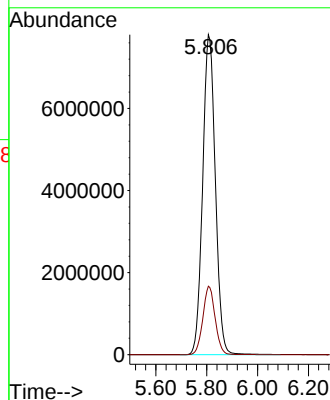
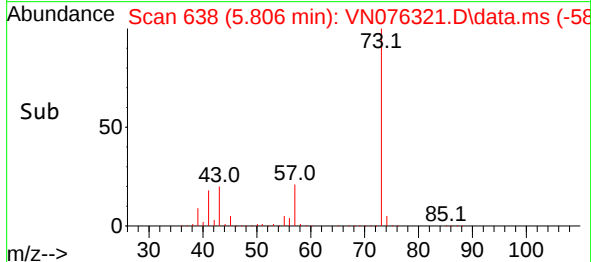
Instrument :
MSVOA_N
ClientSampleId :
MW-13-0118



Tgt Ion: 73 Resp: 2700716
Ion Ratio Lower Upper
73 100
57 21.4 15.9 23.9

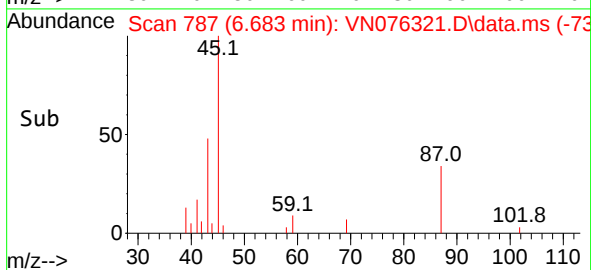
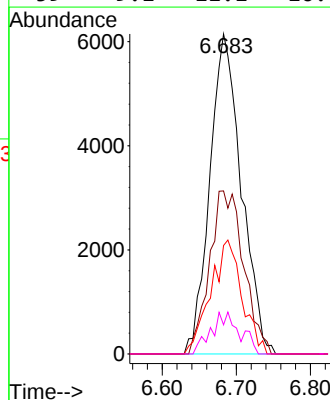
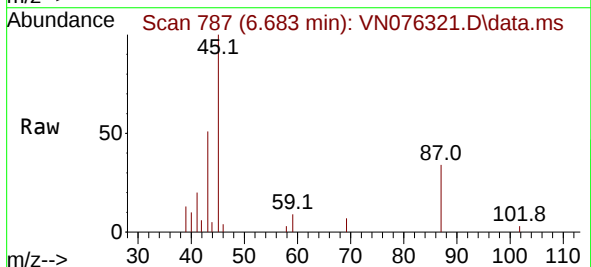
Manual Integrations
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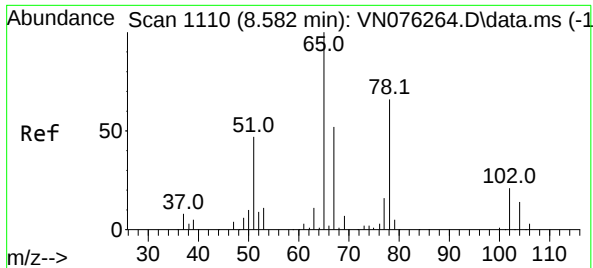
Reviewed By : John Carlone 01/20/2023
Supervised By : Mahesh Dadoda 01/20/2023



#22
Diisopropyl ether
Concen: 1.677 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076321.D
Acq: 19 Jan 2023 14:31

Tgt Ion: 45 Resp: 18166
Ion Ratio Lower Upper
45 100
43 50.9 44.4 66.6
87 33.9 28.4 42.6
59 9.1 11.1 16.7#





#33

1,2-Dichloroethane-d4

Concen: 45.895 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076321.D

Acq: 19 Jan 2023 14:31

Instrument :

MSVOA_N

ClientSampleId :

MW-13-0118

Tgt Ion: 65 Resp: 21148

Ion Ratio Lower Upper

65 100

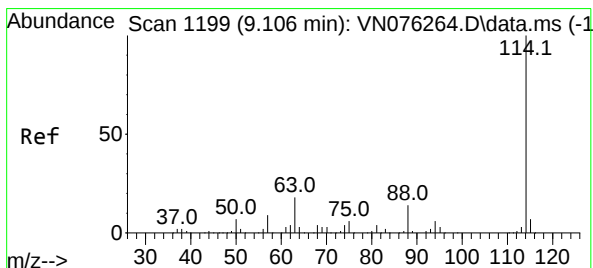
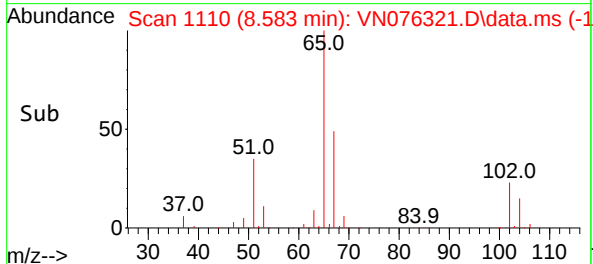
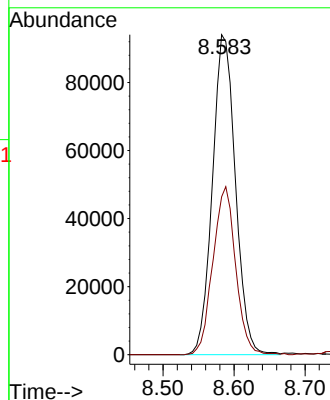
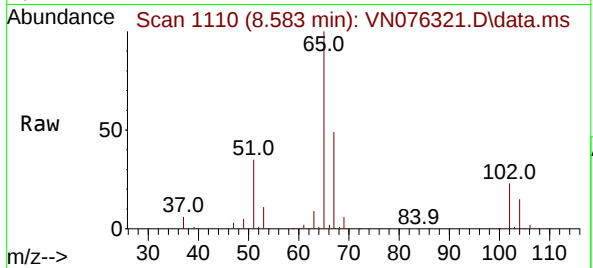
67 51.9 0.0 104.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076321.D

Acq: 19 Jan 2023 14:31

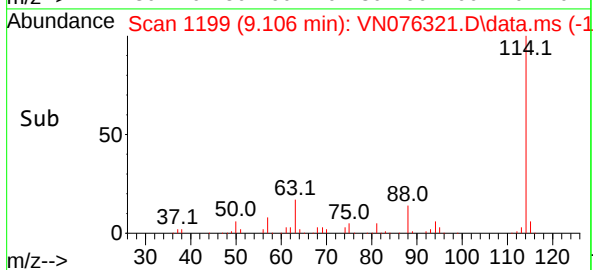
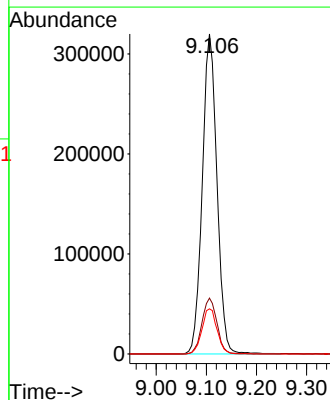
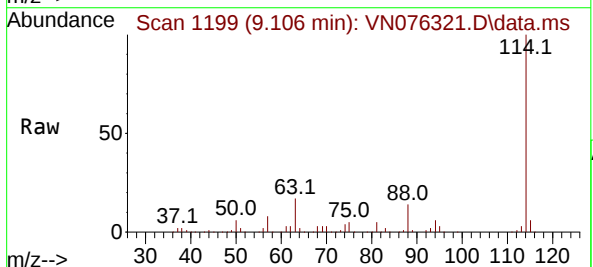
Tgt Ion:114 Resp: 650509

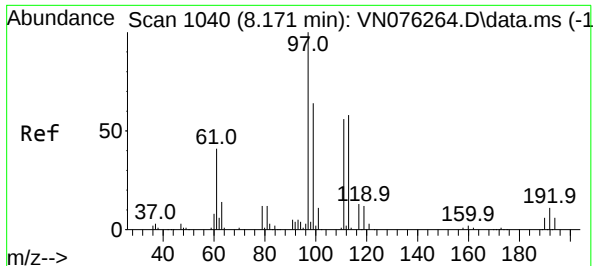
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.8

88 14.1 0.0 28.0





#35

Dibromofluoromethane

Concen: 47.383 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076321.D

Acq: 19 Jan 2023 14:31

Instrument :

MSVOA_N

ClientSampleId :

MW-13-0118

Tgt Ion:113 Resp: 192810

Ion Ratio Lower Upper

113 100

111 100.8 82.7 124.1

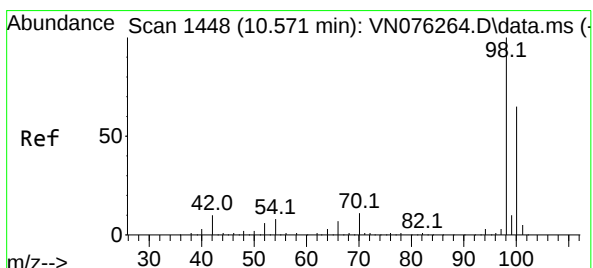
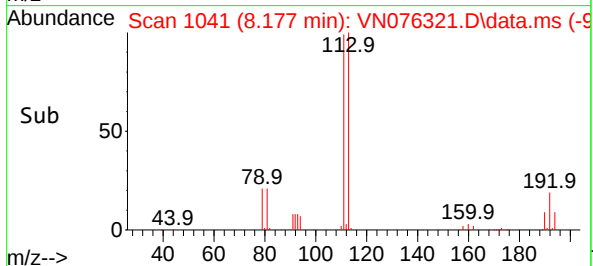
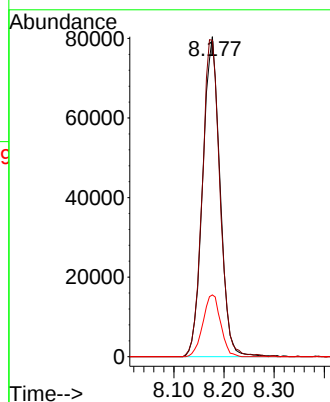
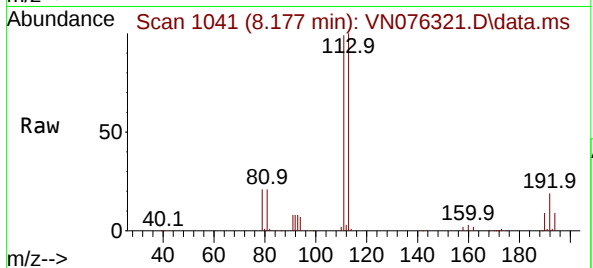
192 19.7 15.6 23.4

Manual Integrations

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Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#50

Toluene-d8

Concen: 48.991 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076321.D

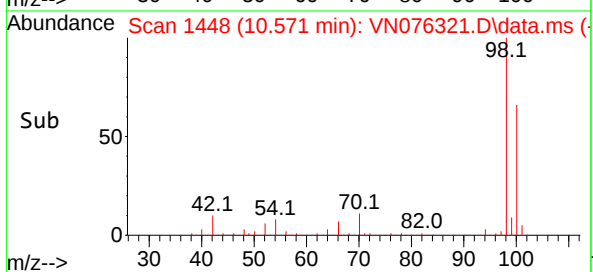
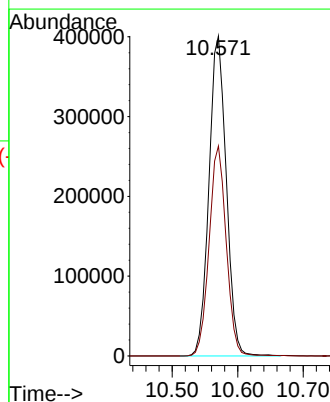
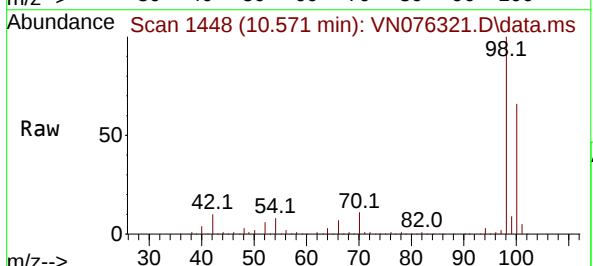
Acq: 19 Jan 2023 14:31

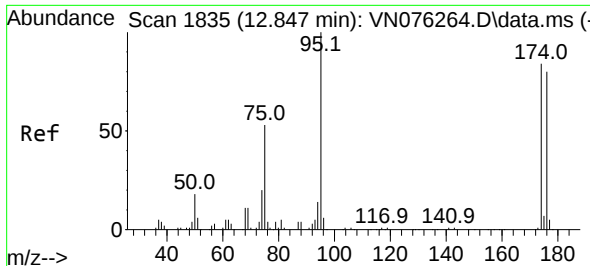
Tgt Ion: 98 Resp: 736235

Ion Ratio Lower Upper

98 100

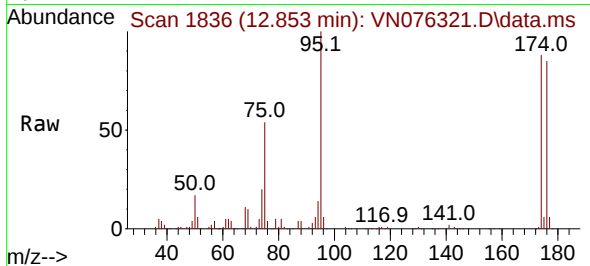
100 64.9 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 46.782 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076321.D
Acq: 19 Jan 2023 14:31

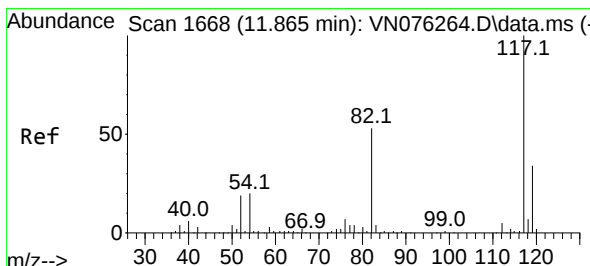
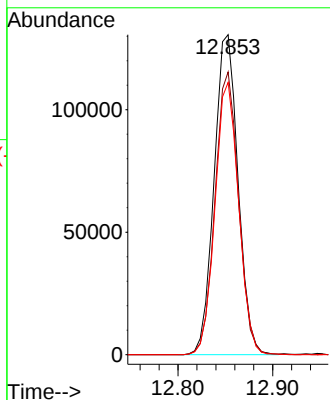
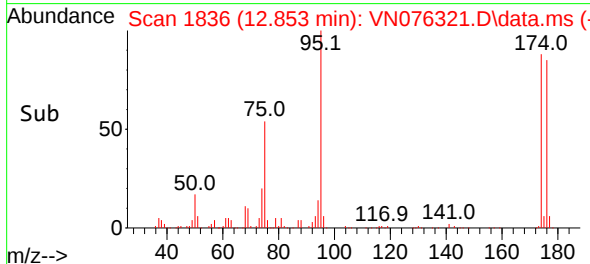
Instrument :
MSVOA_N
ClientSampleId :
MW-13-0118



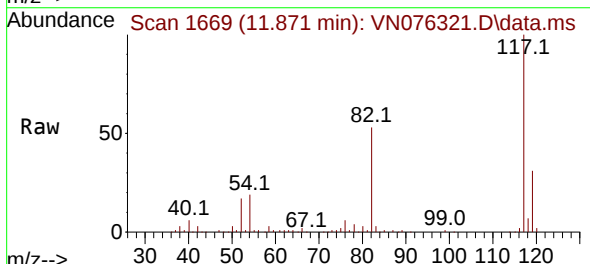
Tgt Ion: 95 Resp: 229510
Ion Ratio Lower Upper
95 100
174 86.6 0.0 174.6
176 83.9 0.0 167.8

Manual Integrations
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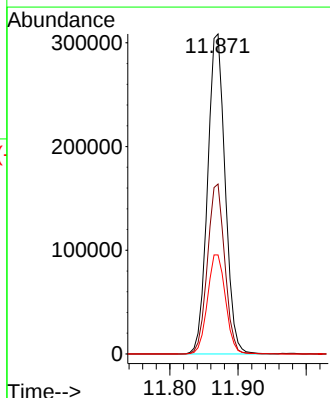
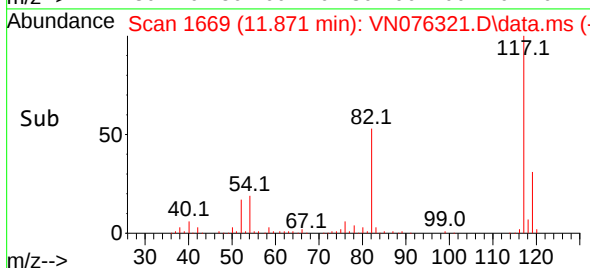
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

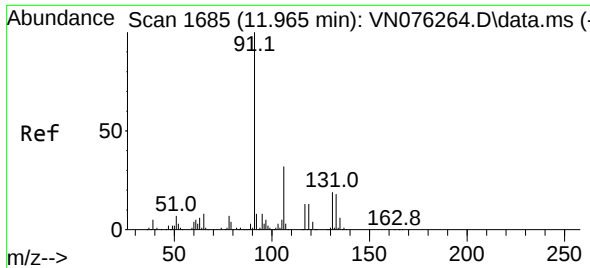


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076321.D
Acq: 19 Jan 2023 14:31



Tgt Ion:117 Resp: 552596
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 30.9 26.9 40.3





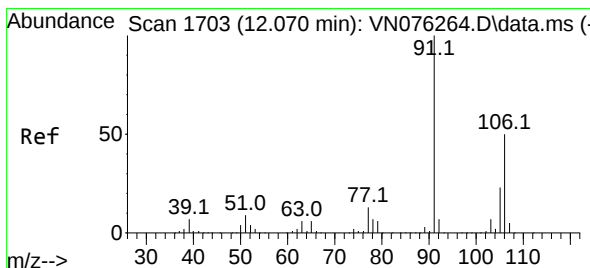
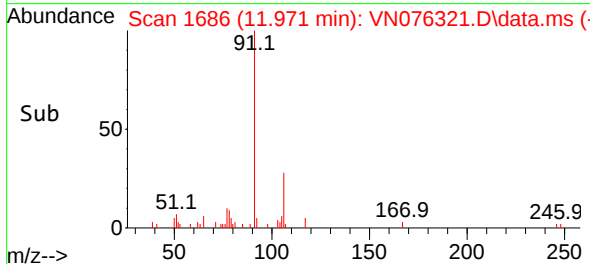
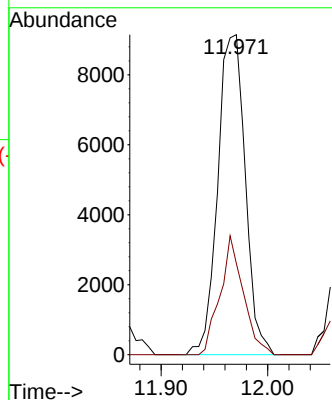
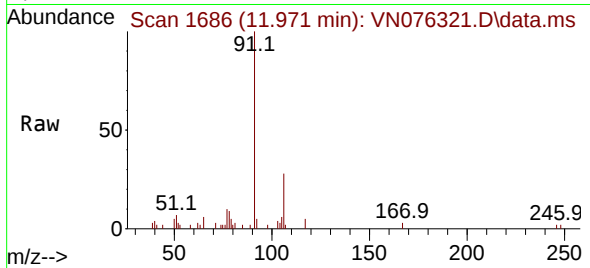
#67
Ethyl Benzene
Concen: 0.821 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN076321.D
Acq: 19 Jan 2023 14:31

Instrument :
MSVOA_N
ClientSampleId :
MW-13-0118

Tgt Ion: 91 Resp: 16400
Ion Ratio Lower Upper
91 100
106 28.5 25.5 38.3

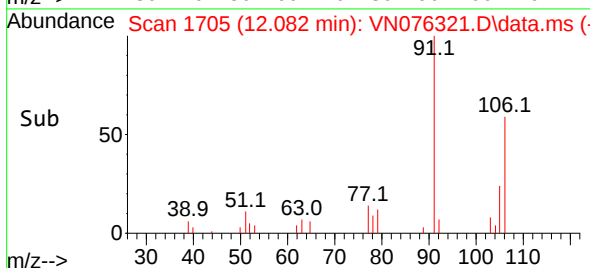
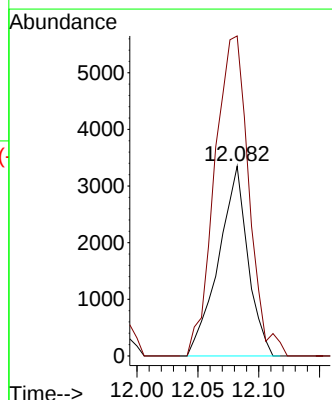
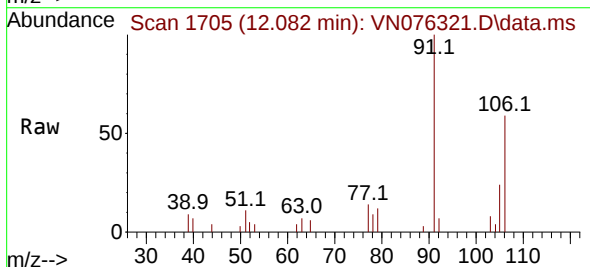
Manual Integrations
APPROVED

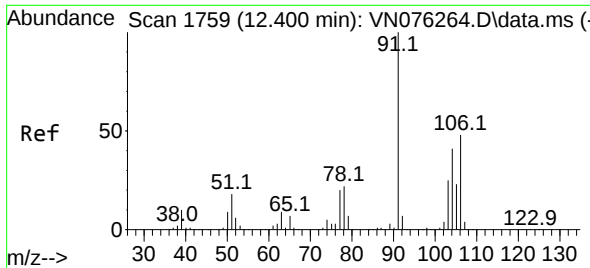
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#68
m/p-Xylenes
Concen: 0.701 ug/l
RT: 12.082 min Scan# 1705
Delta R.T. 0.012 min
Lab File: VN076321.D
Acq: 19 Jan 2023 14:31

Tgt Ion:106 Resp: 5616
Ion Ratio Lower Upper
106 100
91 196.3 157.5 236.3





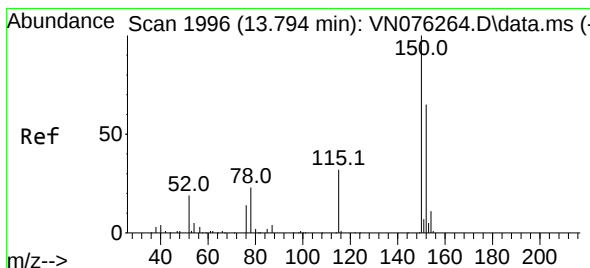
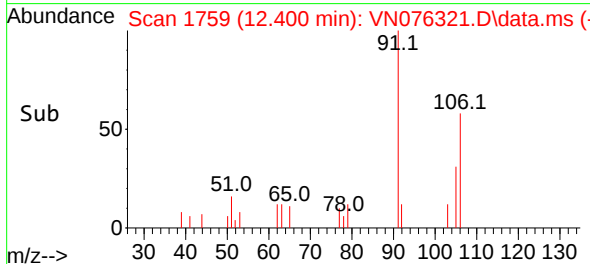
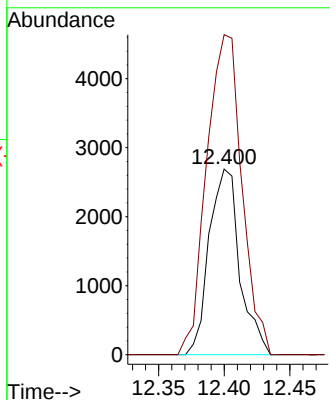
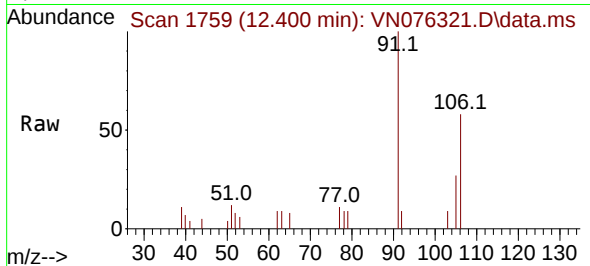
#69
o-Xylene
Concen: 0.553 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076321.D
Acq: 19 Jan 2023 14:31

Instrument :
MSVOA_N
ClientSampleId :
MW-13-0118

Tgt Ion:106 Resp: 435
Ion Ratio Lower Upper
106 100
91 199.2 103.2 309.4

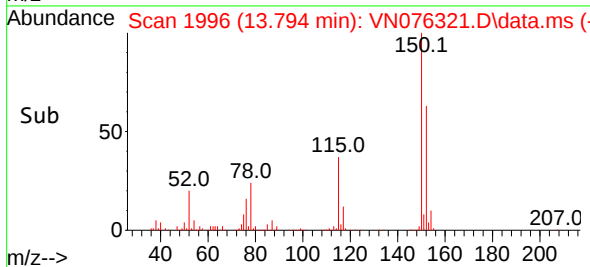
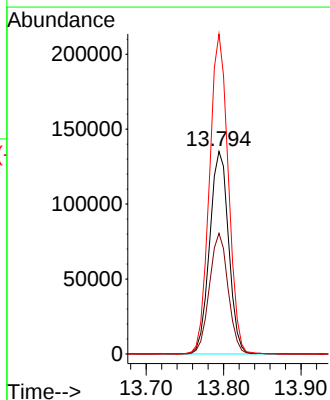
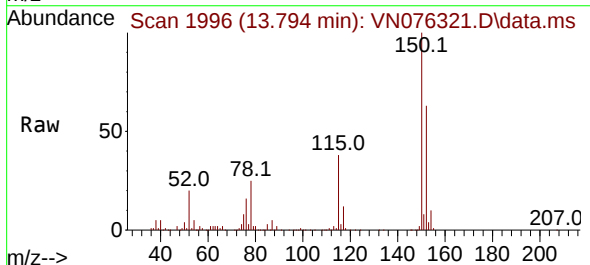
Manual Integrations
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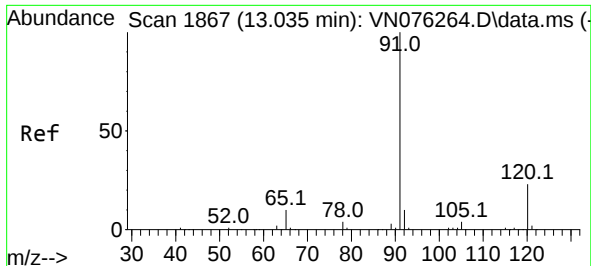
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076321.D
Acq: 19 Jan 2023 14:31

Tgt Ion:152 Resp: 229935
Ion Ratio Lower Upper
152 100
115 58.6 29.6 88.9
150 156.5 0.0 351.4





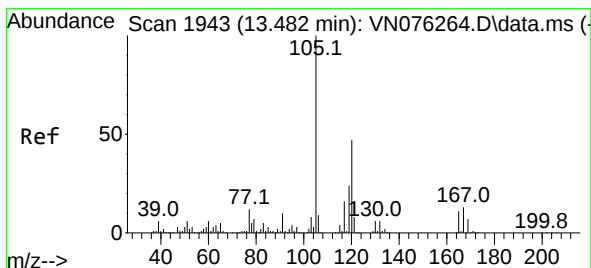
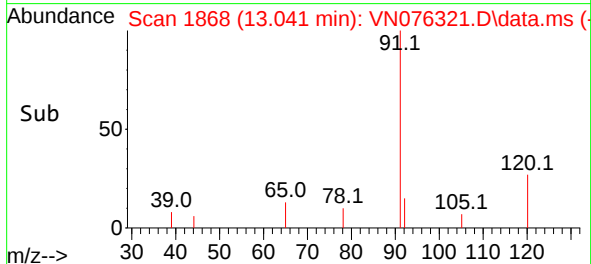
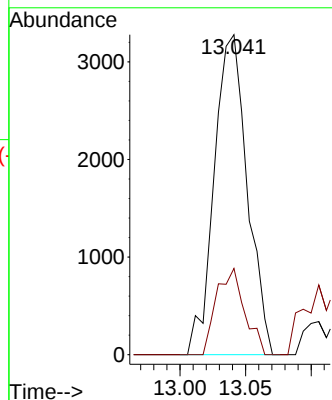
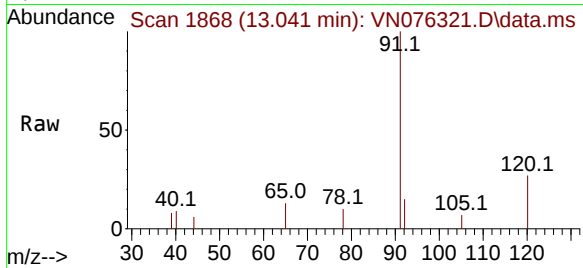
#78
n-propylbenzene
Concen: 0.287 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076321.D
Acq: 19 Jan 2023 14:31

Instrument :
MSVOA_N
ClientSampleId :
MW-13-0118

Tgt Ion: 91 Resp: 575
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 1.473 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076321.D
Acq: 19 Jan 2023 14:31

Tgt Ion:105 Resp: 22003
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.5

