

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076320.D
 Acq On : 19 Jan 2023 14:07
 Operator : JC\MD
 Sample : 01221-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-0118

Quant Time: Jan 20 00:55:51 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	465117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	718785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	618357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	289831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	235990	45.314	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.620%		
35) Dibromofluoromethane	8.177	113	213685	47.525	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.040%		
50) Toluene-d8	10.571	98	819353	49.343	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.680%		
62) 4-Bromofluorobenzene	12.853	95	270034	49.814	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.620%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.542	59	76501	109.823	ug/l	99
16) Acetone	4.447	43	188346	112.777	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	273336	18.847	ug/l #	85
25) 2-Butanone	7.488	43	27083	10.622	ug/l #	84
31) Cyclohexane	8.265	56	32066	4.008	ug/l #	93
39) Methylcyclohexane	9.606	83	40863	5.237	ug/l	96
40) Benzene	8.612	78	13445	0.704	ug/l	99
42) 1,2-Dichloroethane	8.677	62	3192	0.488	ug/l	89
51) 4-Methyl-2-Pentanone	10.447	43	14009	2.862	ug/l	99
52) Toluene	10.629	92	76758	6.008	ug/l	100
67) Ethyl Benzene	11.965	91	1403646	62.743	ug/l	99
68) m/p-Xylenes	12.076	106	464665	51.799	ug/l	100
69) o-Xylene	12.400	106	489271	55.540	ug/l	98
73) Isopropylbenzene	12.700	105	212817	9.492	ug/l	99
78) n-propylbenzene	13.035	91	561499	22.195	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	2437431	129.409	ug/l	100
85) sec-Butylbenzene	13.617	105	62672m	2.704	ug/l	

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

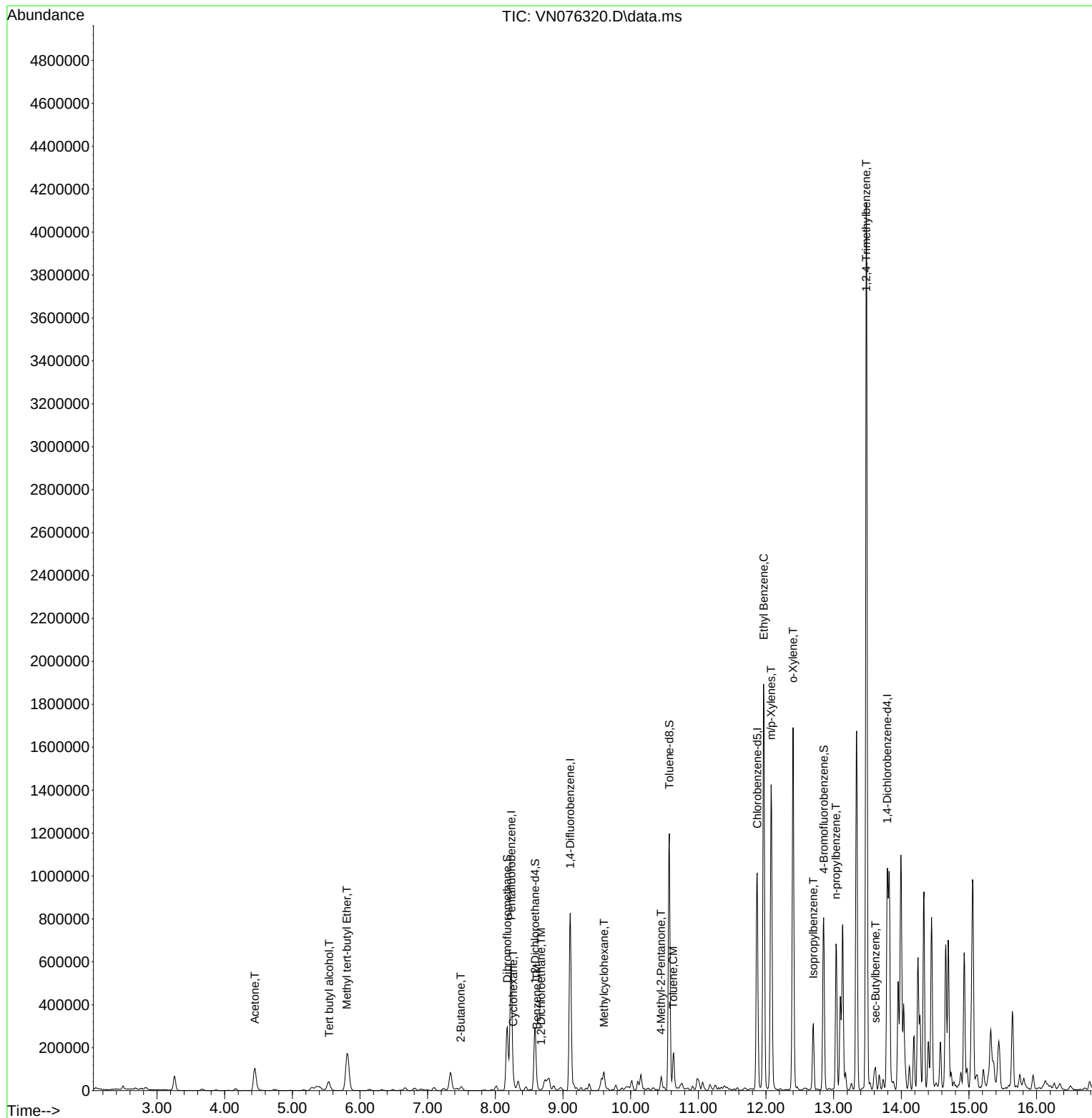
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
Data File : VN076320.D
Acq On : 19 Jan 2023 14:07
Operator : JC\MD
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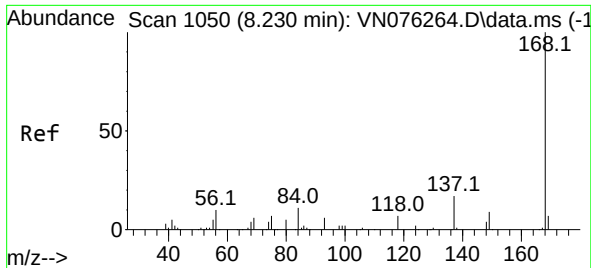
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

Quant Time: Jan 20 00:55:51 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

Manual Integrations
APPROVED

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





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

MW-12-0118

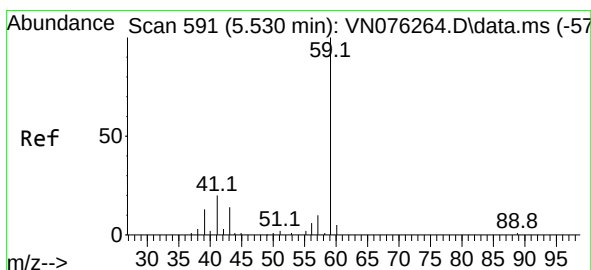
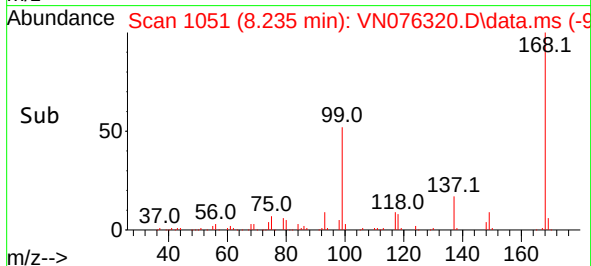
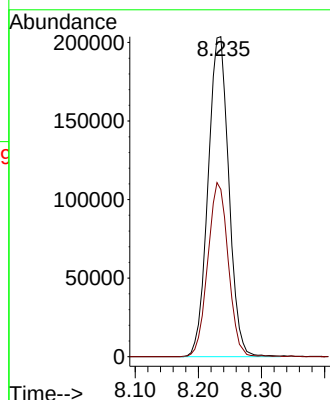
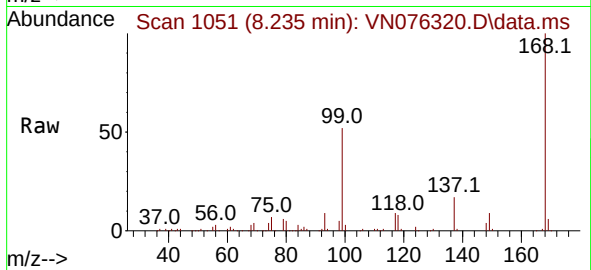
Tgt Ion:168 Resp: 46511
Ion Ratio Lower Upper
168 100
99 52.3 41.6 62.4

Manual Integrations

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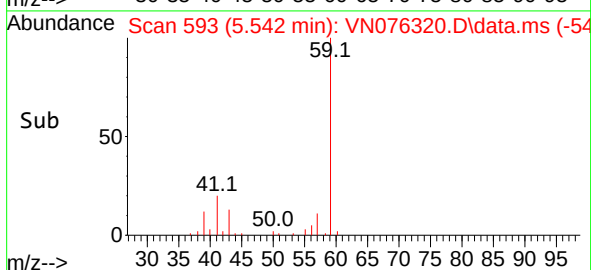
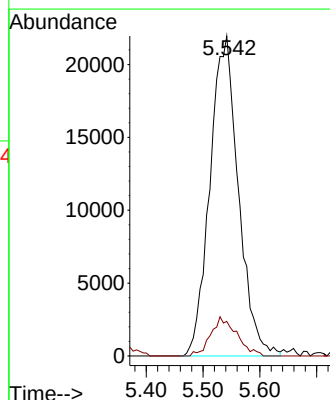
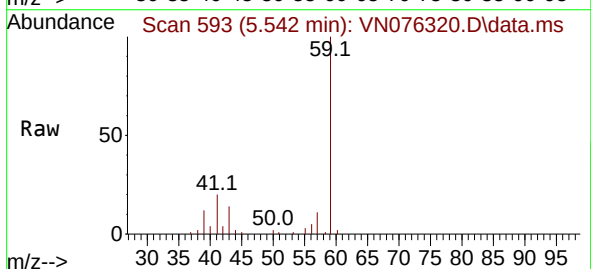
Reviewed By :John Carlone 01/20/2023

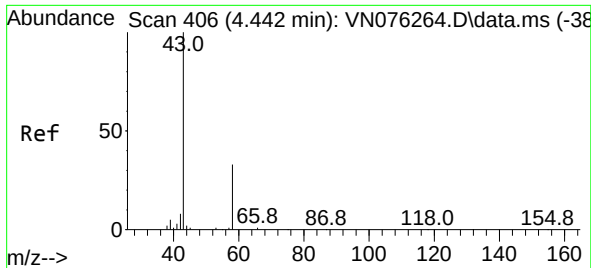
Supervised By :Mahesh Dadoda 01/20/2023



#11
Tert butyl alcohol
Concen: 109.823 ug/l
RT: 5.542 min Scan# 593
Delta R.T. 0.011 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

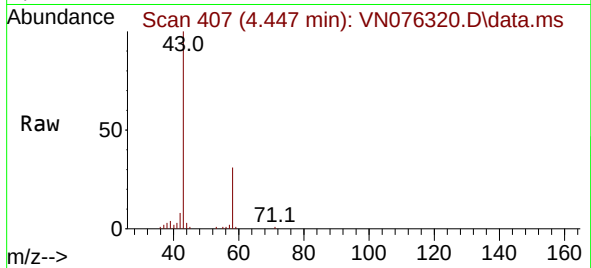
Tgt Ion: 59 Resp: 76501
Ion Ratio Lower Upper
59 100
57 11.1 8.5 12.7





#16
Acetone
Concen: 112.777 ug/l
RT: 4.447 min Scan# 406
Delta R.T. 0.005 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

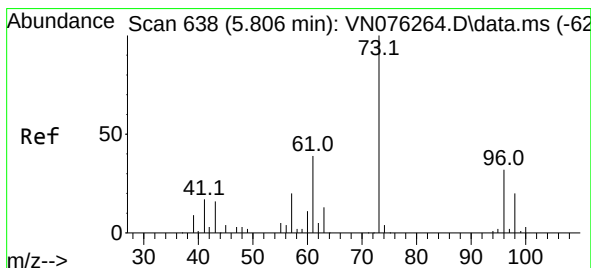
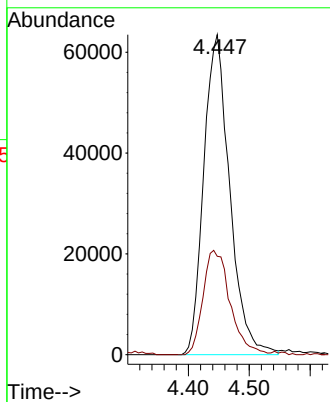
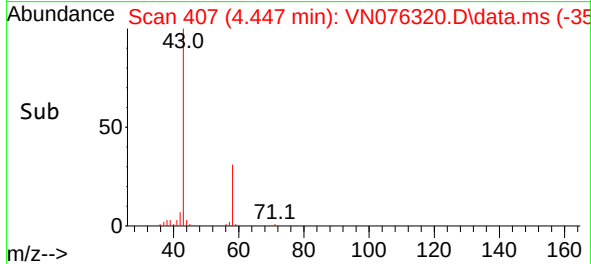
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118



Tgt Ion: 43 Resp: 188340
Ion Ratio Lower Upper
43 100
58 30.8 26.7 40.1

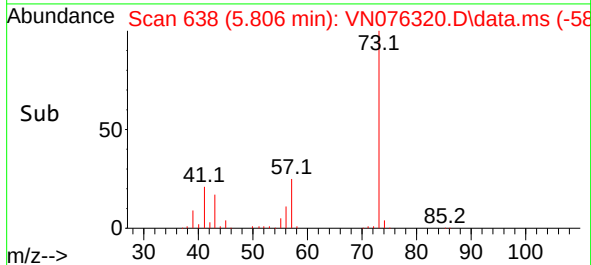
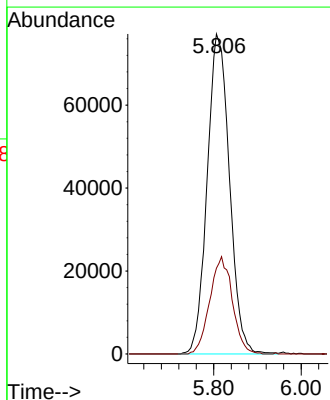
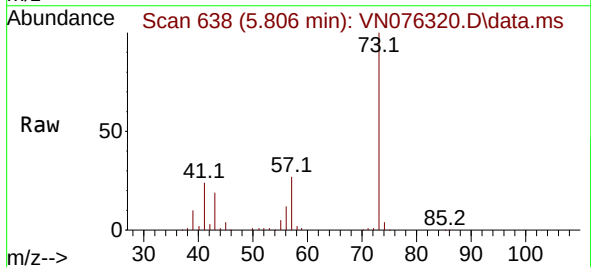
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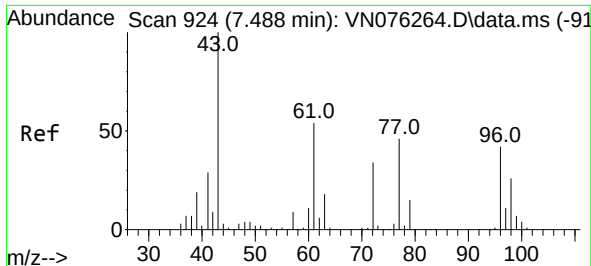
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#19
Methyl tert-butyl Ether
Concen: 18.847 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

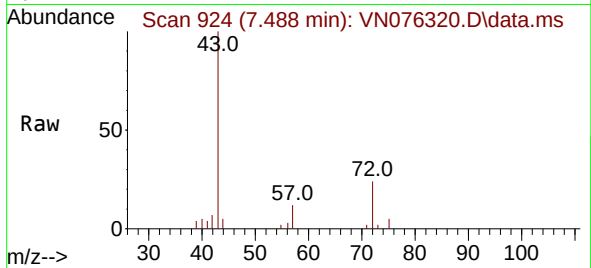
Tgt Ion: 73 Resp: 273336
Ion Ratio Lower Upper
73 100
57 26.8 15.9 23.9#





#25
2-Butanone
Concen: 10.622 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

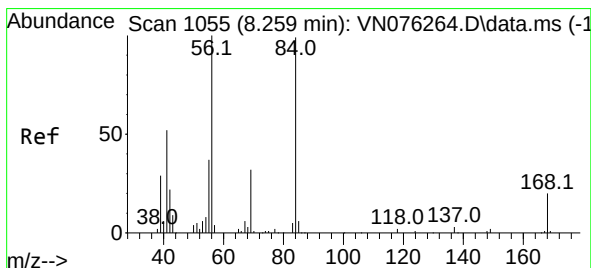
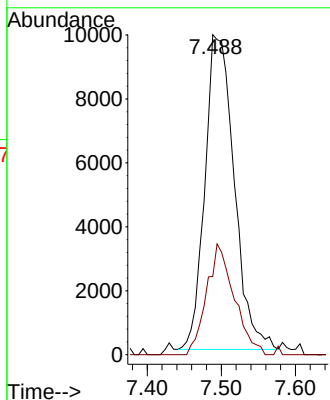
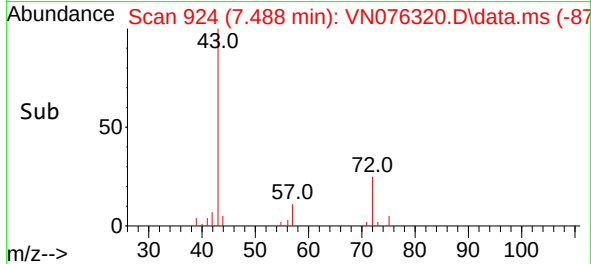
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118



Tgt Ion: 43 Resp: 2708
Ion Ratio Lower Upper
43 100
72 24.9 27.4 41.2

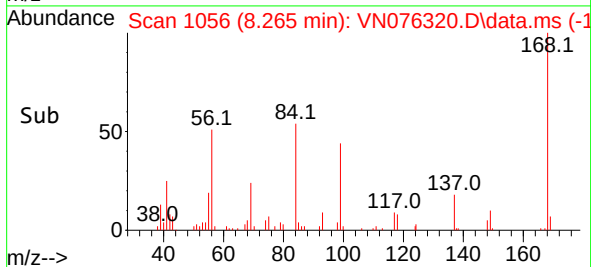
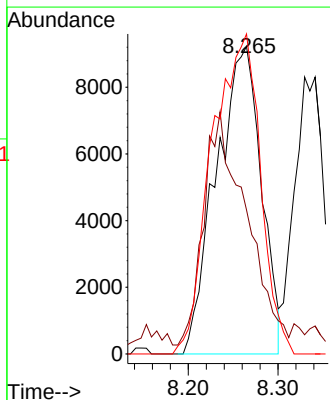
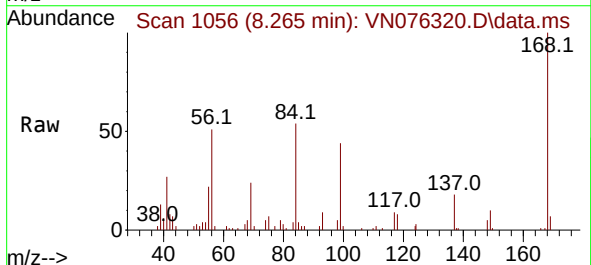
Manual Integrations
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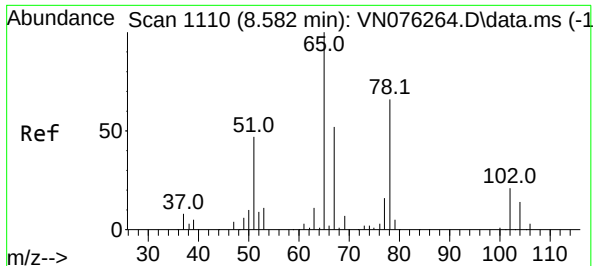
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#31
Cyclohexane
Concen: 4.008 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion: 56 Resp: 32066
Ion Ratio Lower Upper
56 100
69 43.9 25.8 38.8
84 101.5 79.0 118.4





#33

1,2-Dichloroethane-d4

Concen: 45.314 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

MW-12-0118

Tgt Ion: 65 Resp: 235990

Ion Ratio Lower Upper

65 100

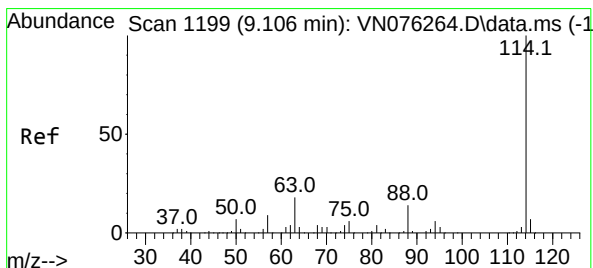
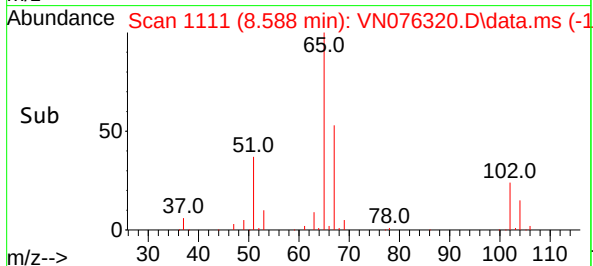
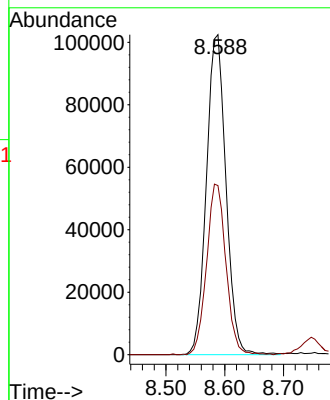
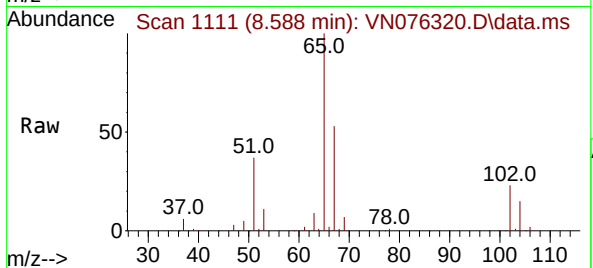
67 52.8 0.0 104.6

Manual Integrations

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Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

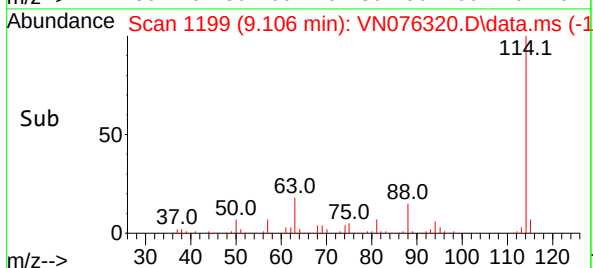
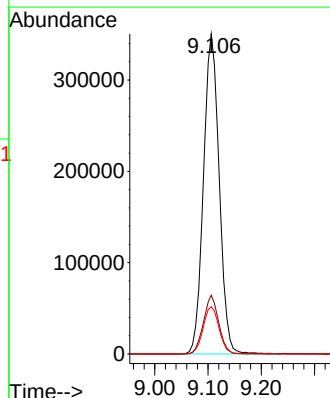
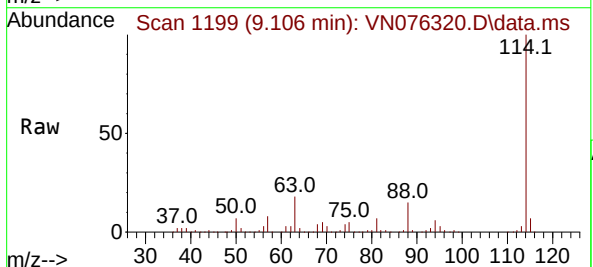
Tgt Ion:114 Resp: 718785

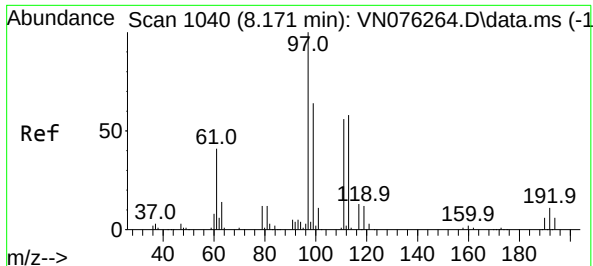
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.8

88 14.8 0.0 28.0





#35

Dibromofluoromethane

Concen: 47.525 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076320.D

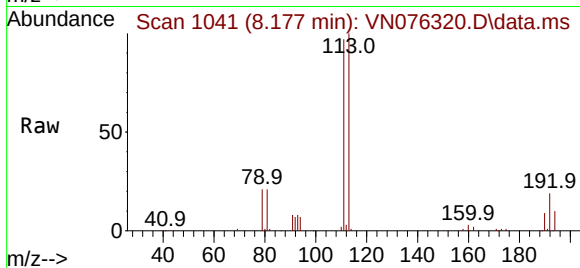
Acq: 19 Jan 2023 14:07

Instrument :

MSVOA_N

ClientSampleId :

MW-12-0118



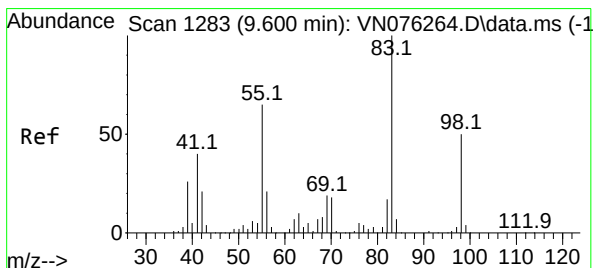
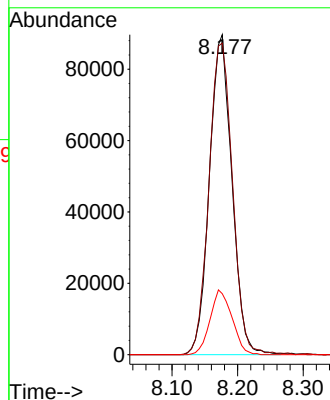
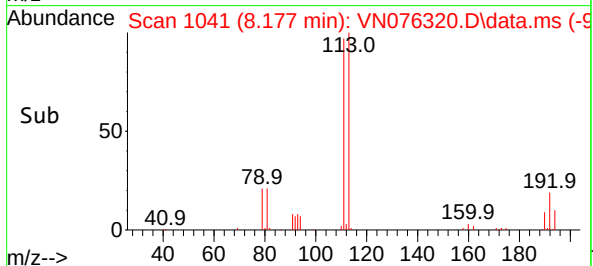
Tgt Ion:	113	Resp:	21368
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.7	124.1
192	19.8	15.6	23.4

Manual Integrations

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Supervised By :Mahesh Dadoda 01/20/2023



#39

Methylcyclohexane

Concen: 5.237 ug/l

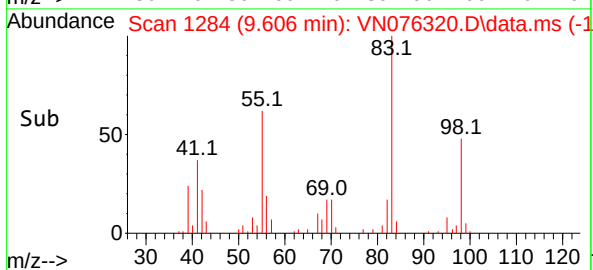
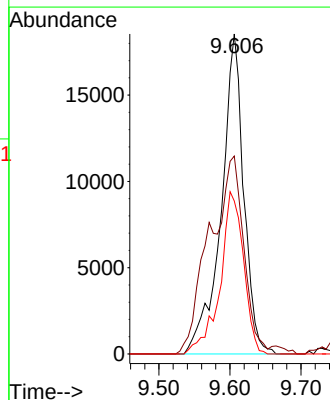
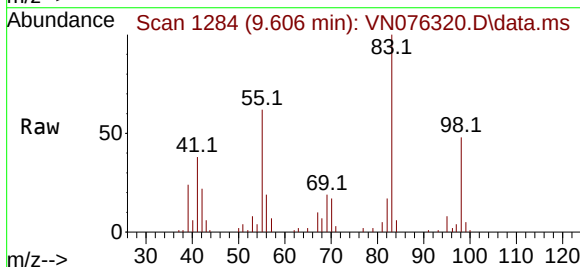
RT: 9.606 min Scan# 1284

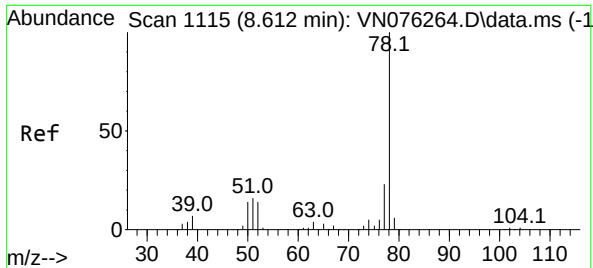
Delta R.T. 0.006 min

Lab File: VN076320.D

Acq: 19 Jan 2023 14:07

Tgt Ion:	83	Resp:	40863
Ion Ratio	Lower	Upper	
83	100		
55	60.9	51.7	77.5
98	47.8	40.0	60.0





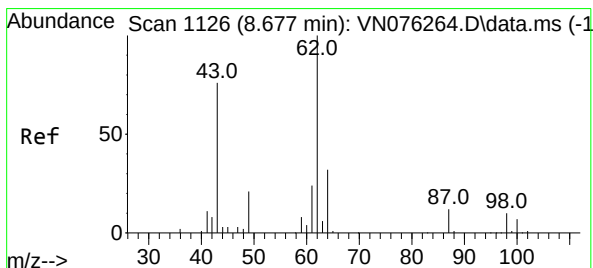
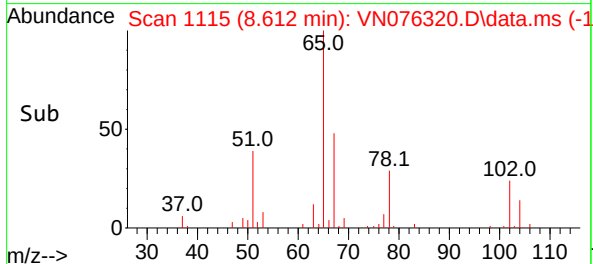
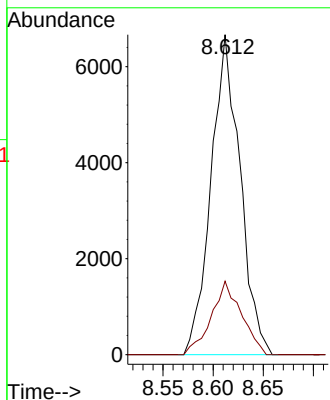
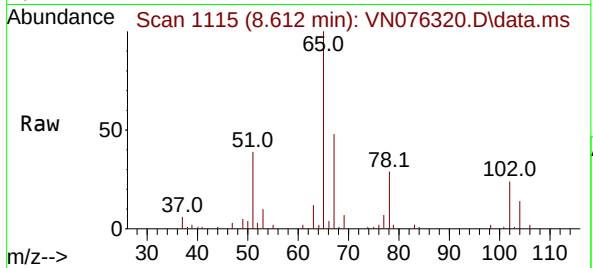
#40
Benzene
Concen: 0.704 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

Tgt Ion: 78 Resp: 1344
Ion Ratio Lower Upper
78 100
77 22.9 18.6 28.0

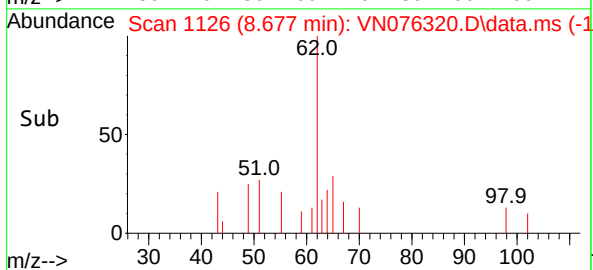
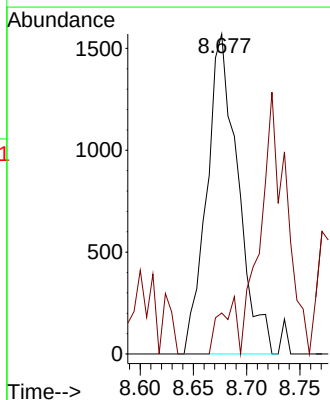
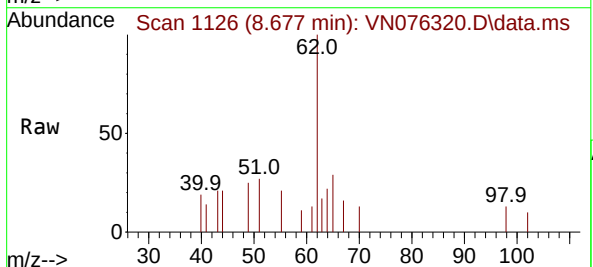
Manual Integrations
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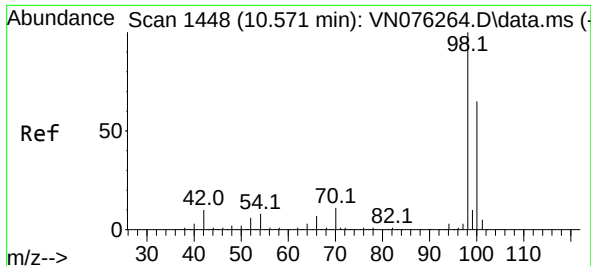
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#42
1,2-Dichloroethane
Concen: 0.488 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

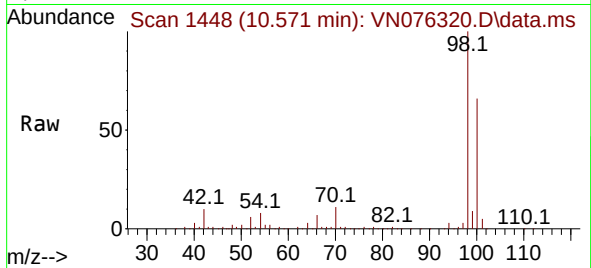
Tgt Ion: 62 Resp: 3192
Ion Ratio Lower Upper
62 100
98 6.0 0.0 20.4





#50
Toluene-d8
Concen: 49.343 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

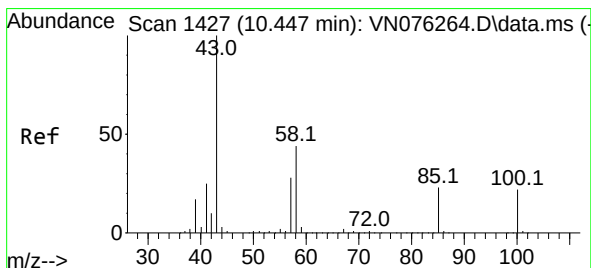
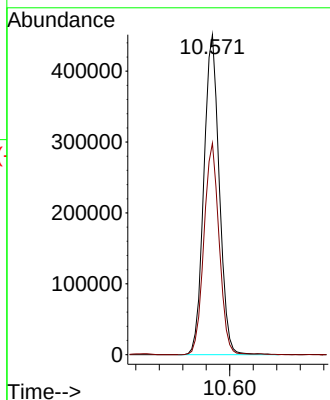
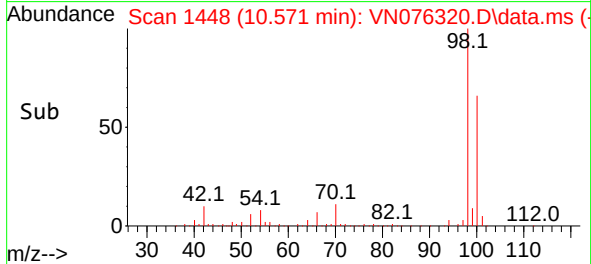
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118



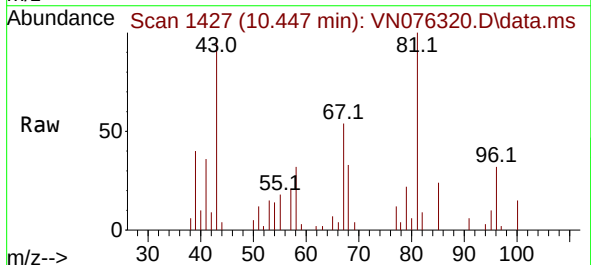
Tgt Ion: 98 Resp: 81935
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

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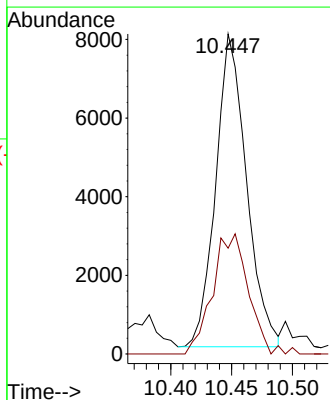
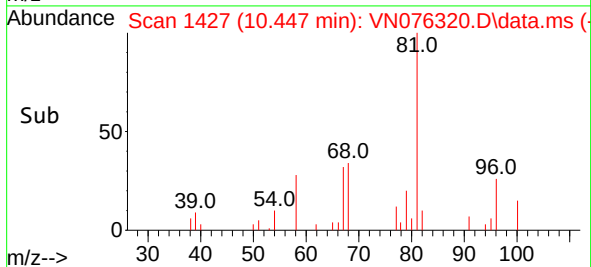
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

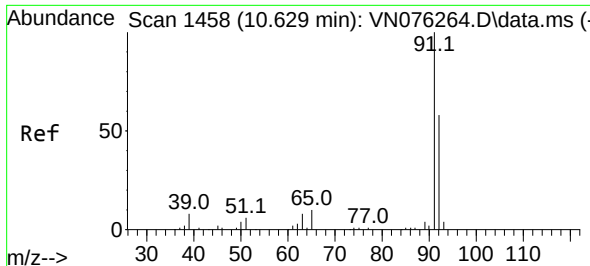


#51
4-Methyl-2-Pentanone
Concen: 2.862 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07



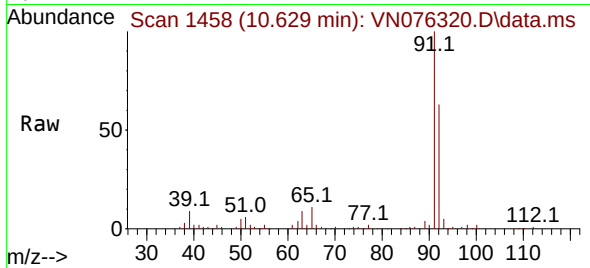
Tgt Ion: 43 Resp: 14009
Ion Ratio Lower Upper
43 100
58 44.9 35.1 52.7





#52
Toluene
Concen: 6.008 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

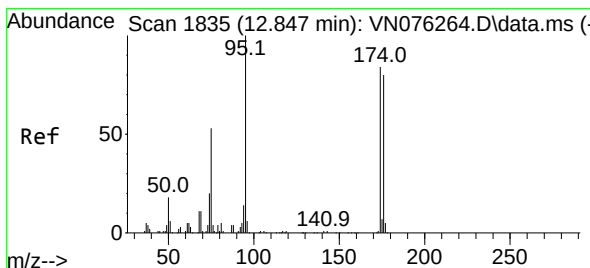
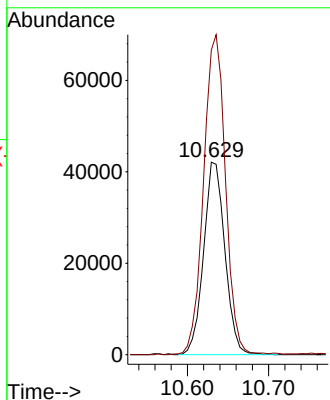
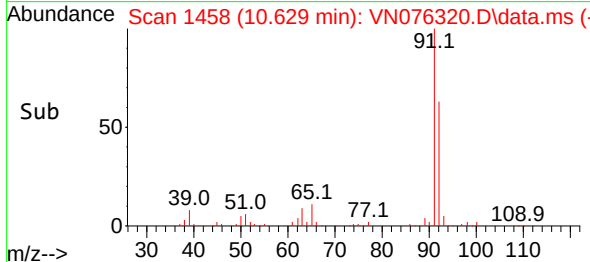
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118



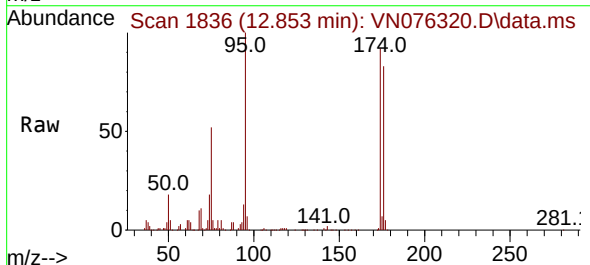
Tgt Ion: 92 Resp: 76758
Ion Ratio Lower Upper
92 100
91 170.3 136.6 205.0

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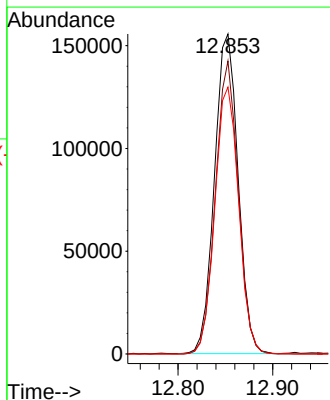
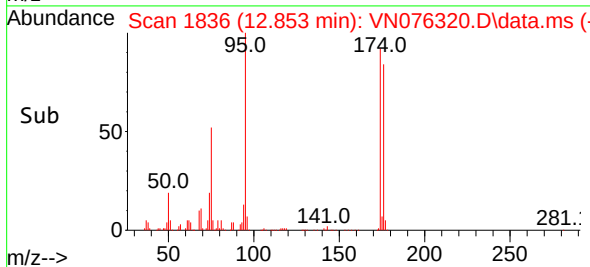
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

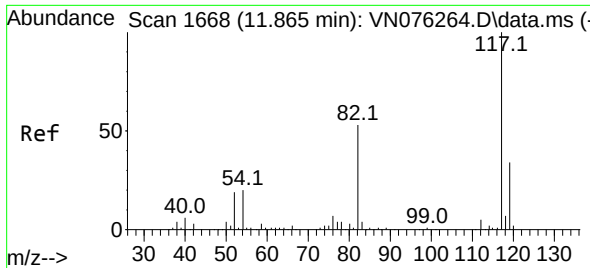


#62
4-Bromofluorobenzene
Concen: 49.814 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07



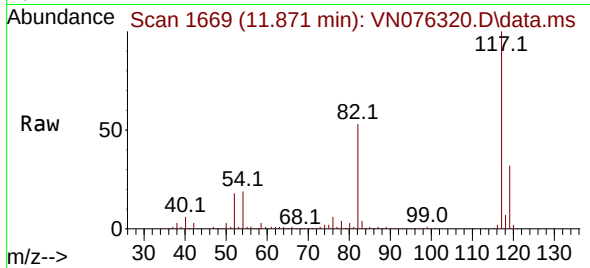
Tgt Ion: 95 Resp: 270034
Ion Ratio Lower Upper
95 100
174 88.4 0.0 174.6
176 84.2 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

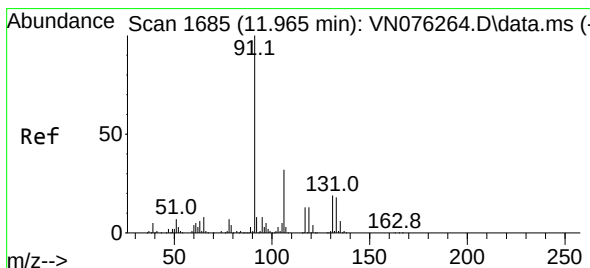
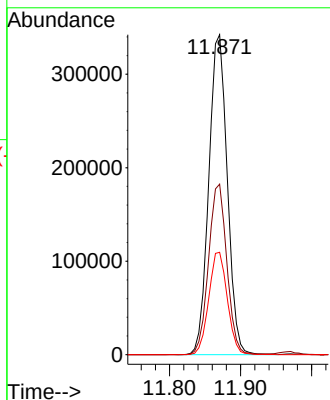
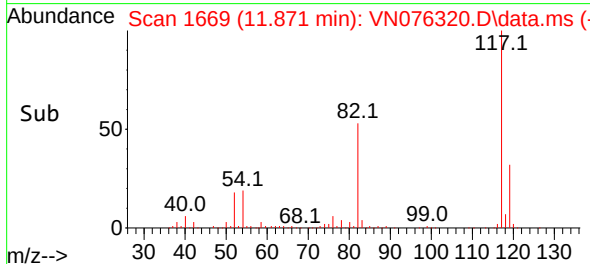
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118



Tgt Ion: 117 Resp: 61835
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.2
119 32.0 26.9 40.3

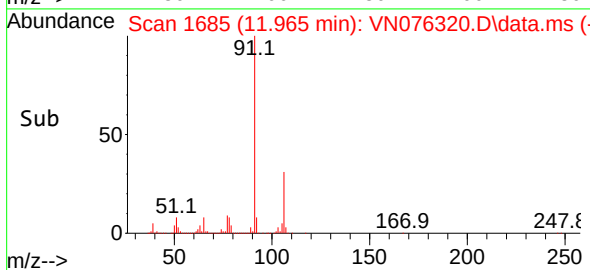
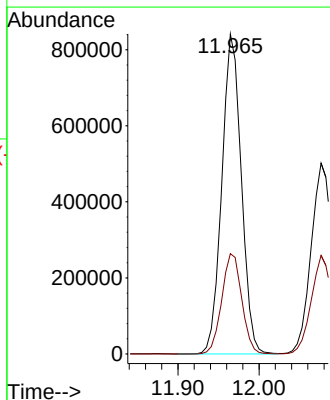
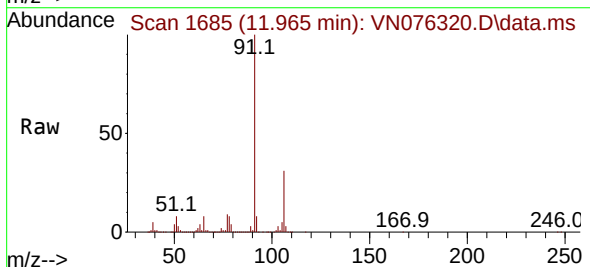
Manual Integrations
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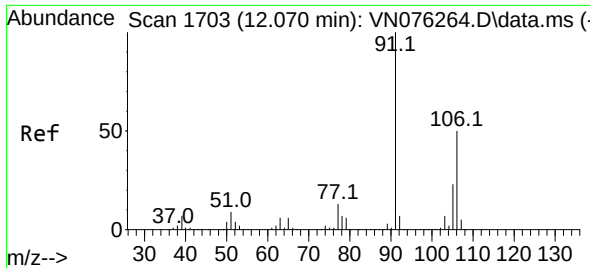
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#67
Ethyl Benzene
Concen: 62.743 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Tgt Ion: 91 Resp: 1403646
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3





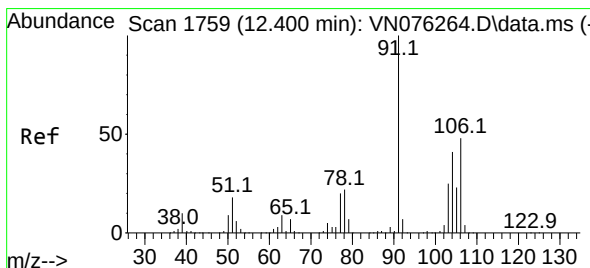
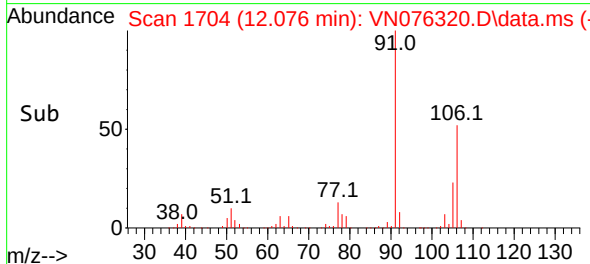
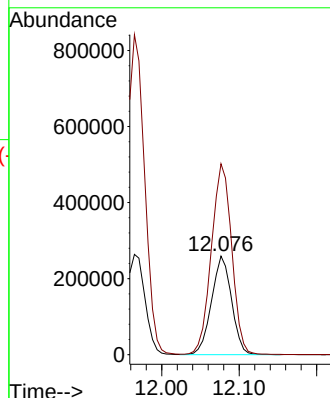
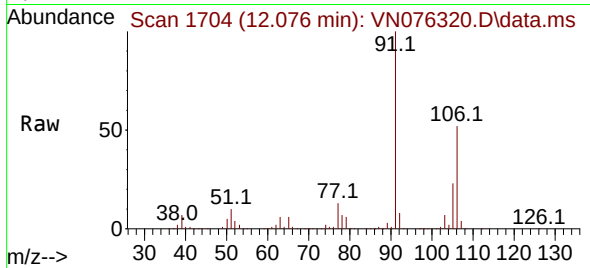
#68
m/p-Xylenes
Concen: 51.799 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118

Tgt Ion:106 Resp: 46466
Ion Ratio Lower Upper
106 100
91 197.2 157.5 236.3

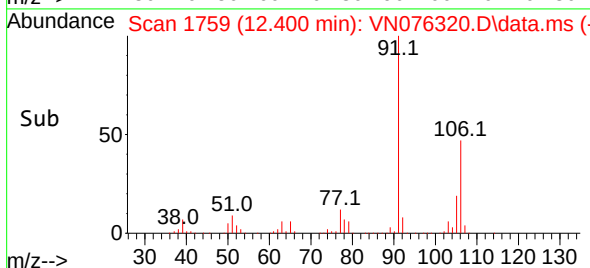
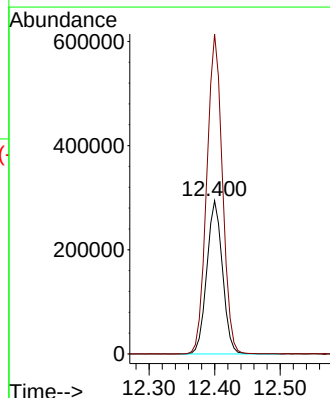
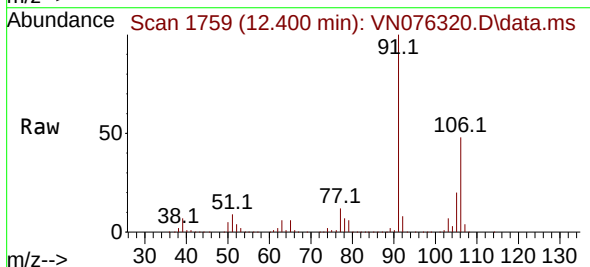
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APPROVED

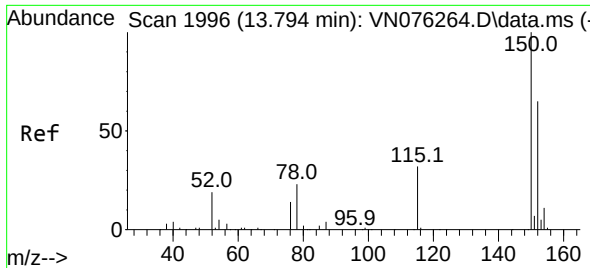
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#69
o-Xylene
Concen: 55.540 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

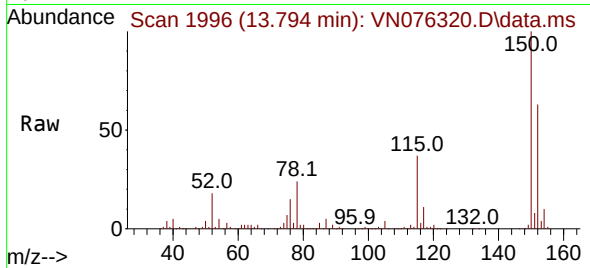
Tgt Ion:106 Resp: 489271
Ion Ratio Lower Upper
106 100
91 209.0 103.2 309.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

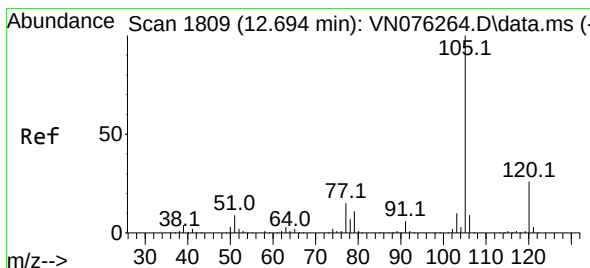
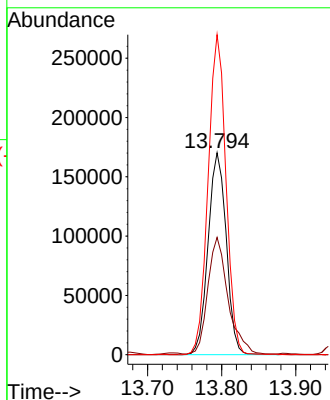
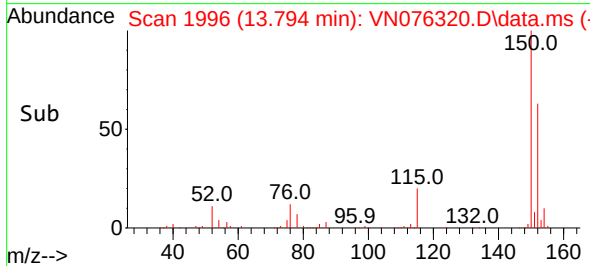
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118



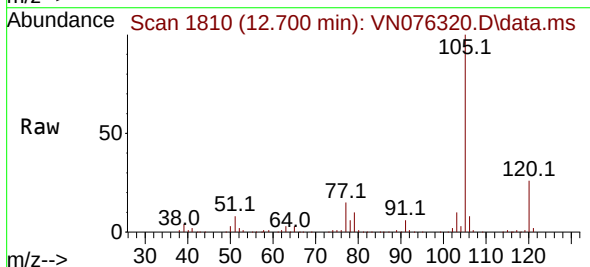
Tgt Ion:152 Resp: 28983
Ion Ratio Lower Upper
152 100
115 64.3 29.6 88.9
150 155.9 0.0 351.4

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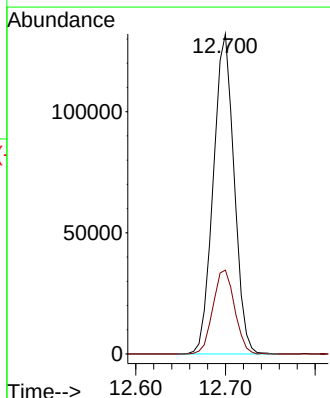
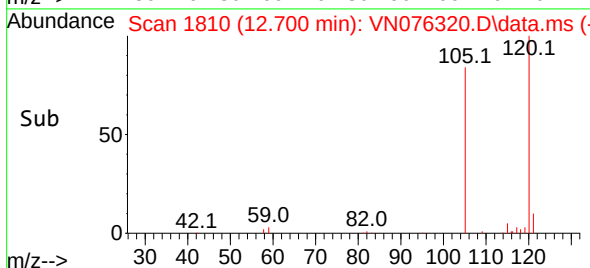
Reviewed By :John Carlone 01/20/2023
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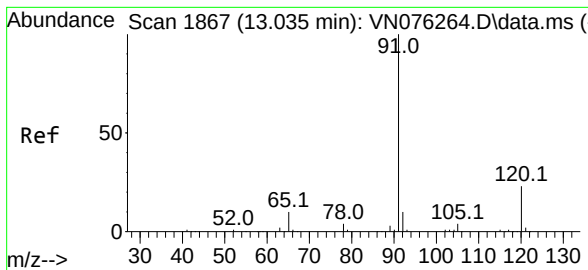


#73
Isopropylbenzene
Concen: 9.492 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07



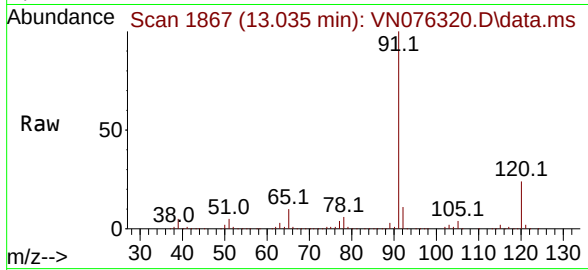
Tgt Ion:105 Resp: 212817
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1





#78
n-propylbenzene
Concen: 22.195 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

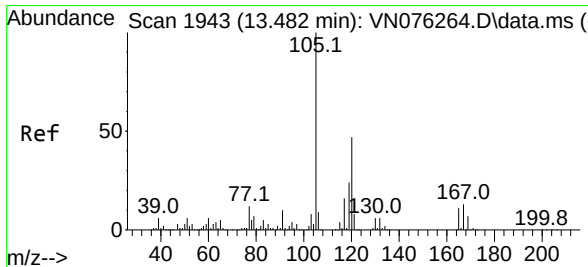
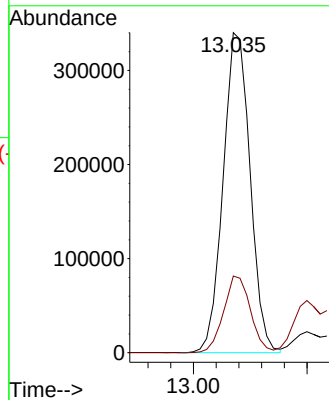
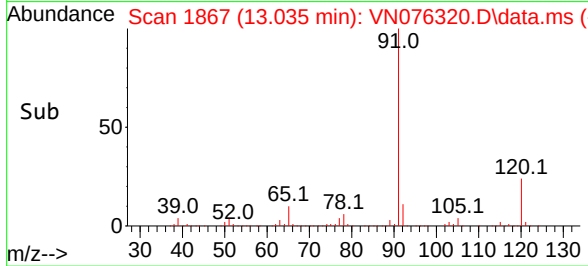
Instrument :
MSVOA_N
ClientSampleId :
MW-12-0118



Tgt Ion: 91 Resp: 561499
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5

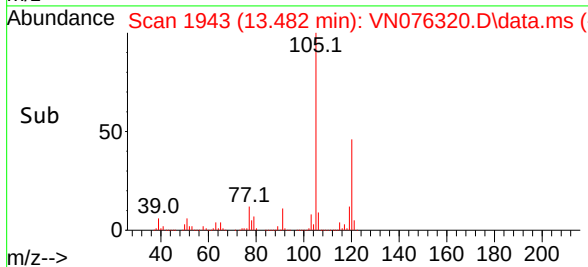
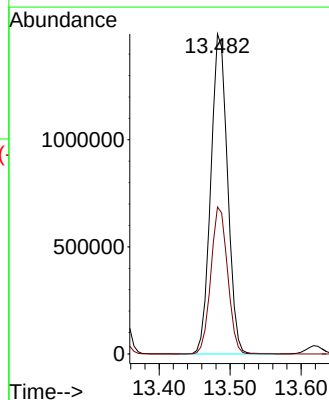
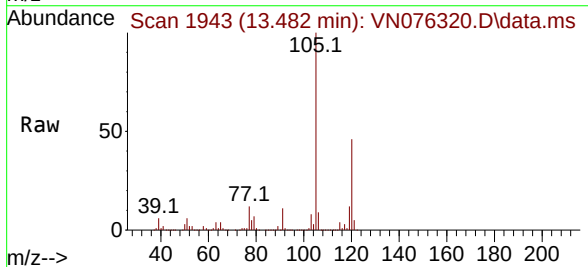
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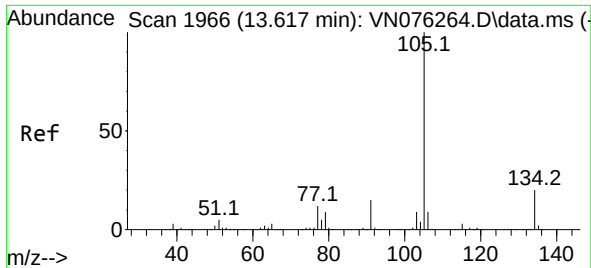
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 129.409 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076320.D
Acq: 19 Jan 2023 14:07

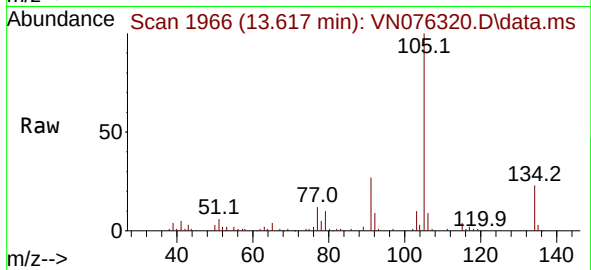
Tgt Ion:105 Resp: 2437431
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 2.704 ug/l m
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076320.D
 Acq: 19 Jan 2023 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12-0118



Tgt Ion:105 Resp: 62672
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8

Manual Integrations
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 Supervised By :Mahesh Dadoda 01/20/2023

