

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072750.D
 Acq On : 10 Jun 2022 00:00
 Operator : JC\MD
 Sample : N3202-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 10 01:48:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	161150	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	320324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	279769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	102851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	253603	58.634	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	117.260%	
35) Dibromofluoromethane	8.016	113	183562	57.914	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	115.820%	
50) Toluene-d8	10.439	98	597341	47.236	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	94.480%	
62) 4-Bromofluorobenzene	12.727	95	213904	49.293	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	98.580%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.369	59	36713	35.583	ug/l	98
16) Acetone	4.298	43	5961	2.876	ug/l	# 73
19) Methyl tert-butyl Ether	5.616	73	65015	6.182	ug/l	# 66
22) Diisopropyl ether	6.498	45	5838	0.537	ug/l	# 89
25) 2-Butanone	7.333	43	5079	1.523	ug/l	# 85
31) Cyclohexane	8.086	56	18705	3.423	ug/l	# 74
39) Methylcyclohexane	9.457	83	7356	1.441	ug/l	# 88
40) Benzene	8.457	78	416926	31.228	ug/l	99
52) Toluene	10.498	92	65821	7.896	ug/l	96
67) Ethyl Benzene	11.839	91	219986	15.693	ug/l	95
68) m/p-Xylenes	11.951	106	114087	22.902	ug/l	91
69) o-Xylene	12.274	106	50094	10.004	ug/l	93
73) Isopropylbenzene	12.574	105	30171	2.735	ug/l	95
78) n-propylbenzene	12.921	91	82711	6.867	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	22126	2.531	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	238863	28.558	ug/l	94
85) sec-Butylbenzene	13.492	105	4179m	0.403	ug/l	

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

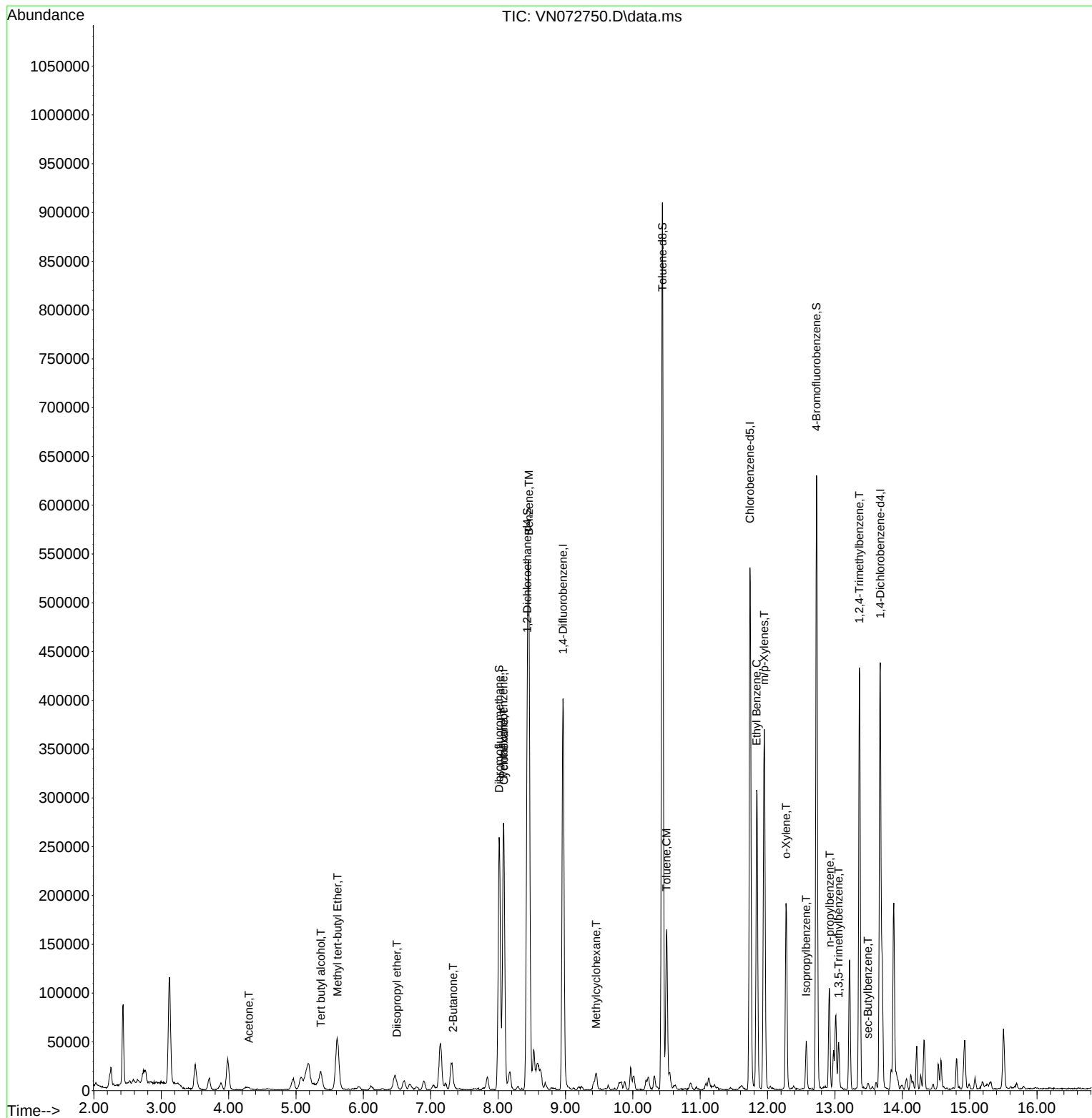
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
Data File : VN072750.D
Acq On : 10 Jun 2022 00:00
Operator : JC\MD
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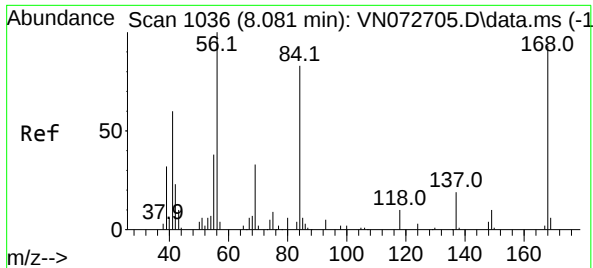
Instrument :
MSVOA_N
ClientSampleId :
MW-14

Quant Time: Jun 10 01:48:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 05:17:31 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

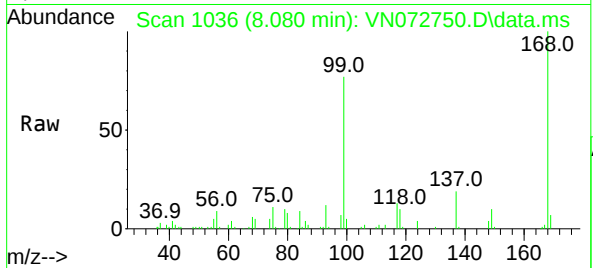
Reviewed By : John Carlone 06/10/2022
Supervised By : Mahesh Dadoda 06/10/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00

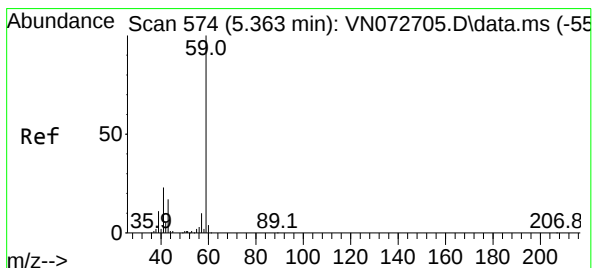
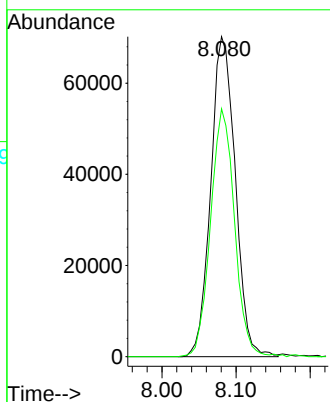
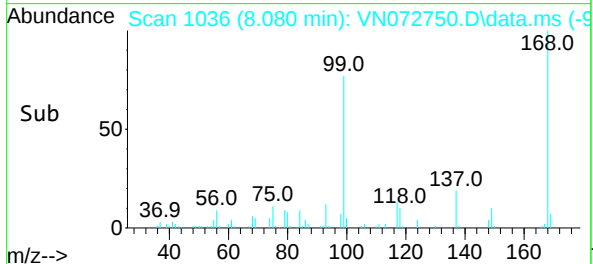
Instrument :
MSVOA_N
ClientSampleId :
MW-14



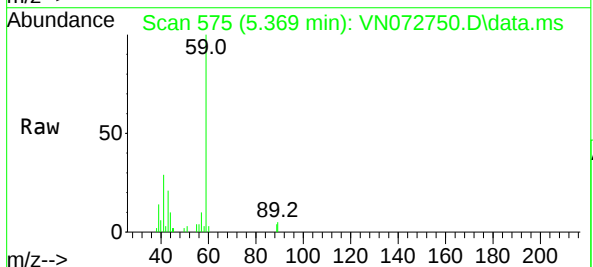
Tgt Ion:168 Resp: 161150
Ion Ratio Lower Upper
168 100
99 77.5 42.3 63.5

Manual Integrations
APPROVED

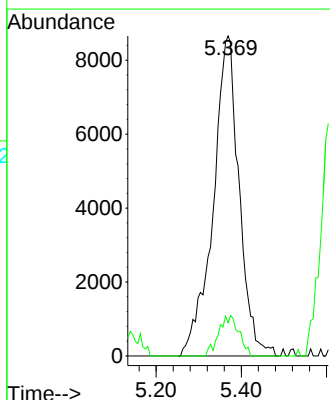
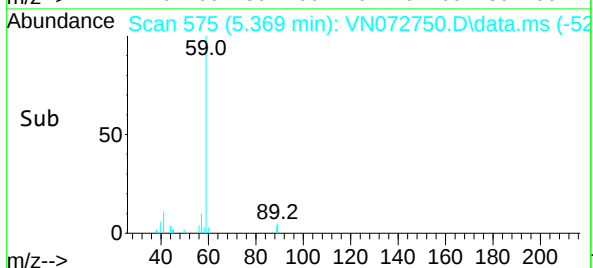
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

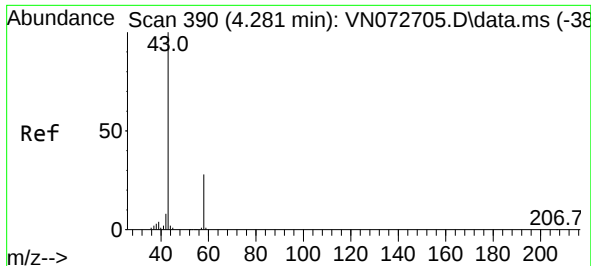


#11
Tert butyl alcohol
Concen: 35.583 ug/l
RT: 5.369 min Scan# 575
Delta R.T. 0.006 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00



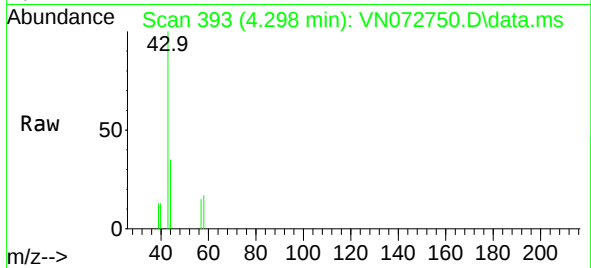
Tgt Ion: 59 Resp: 36713
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5





#16
Acetone
Concen: 2.876 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00

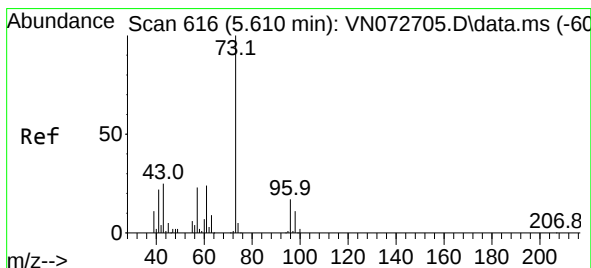
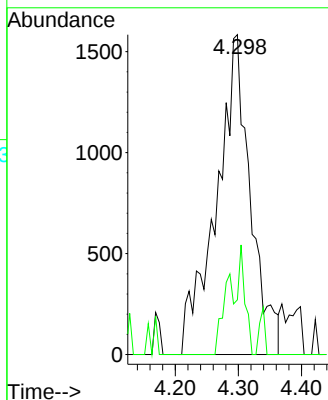
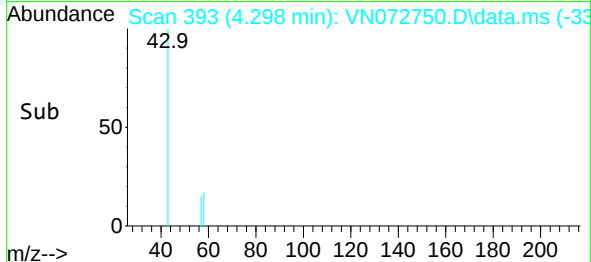
Instrument :
MSVOA_N
Client Sample Id :
MW-14



Tgt Ion: 43 Resp: 596
Ion Ratio Lower Upper
43 100
58 17.1 26.0 39.0

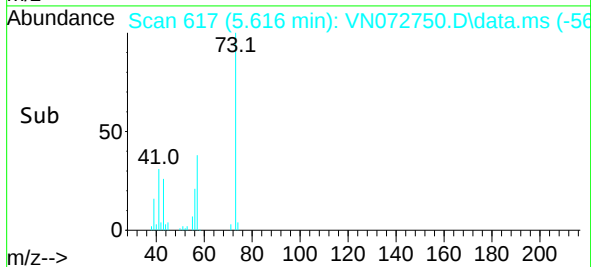
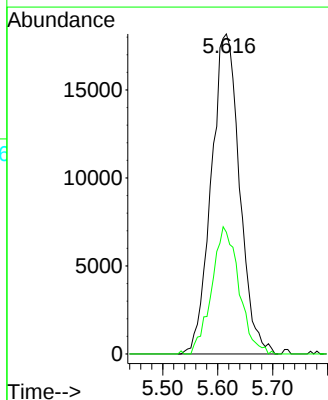
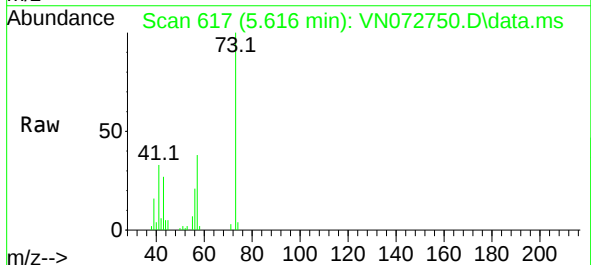
Manual Integrations
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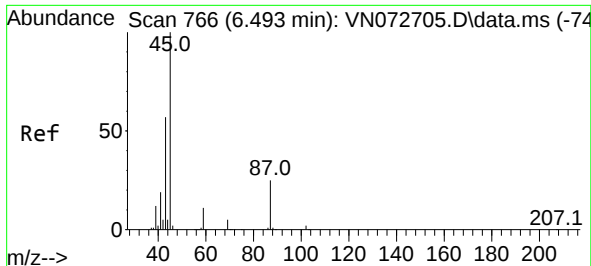
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#19
Methyl tert-butyl Ether
Concen: 6.182 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00

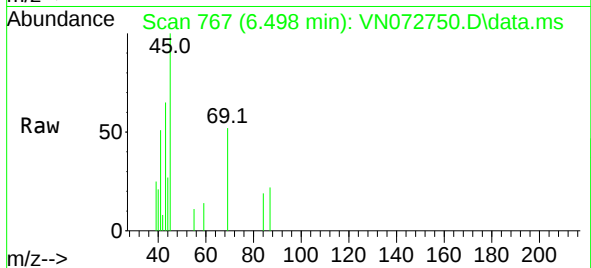
Tgt Ion: 73 Resp: 65015
Ion Ratio Lower Upper
73 100
57 38.1 17.6 26.4





#22
Diisopropyl ether
Concen: 0.537 ug/l
RT: 6.498 min Scan# 701
Delta R.T. 0.005 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00

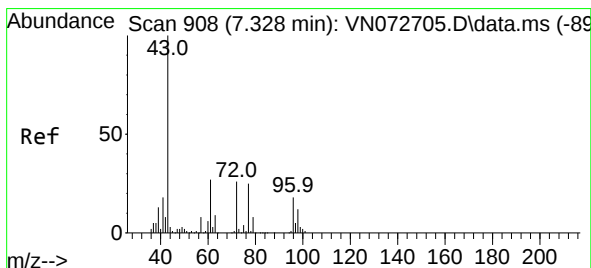
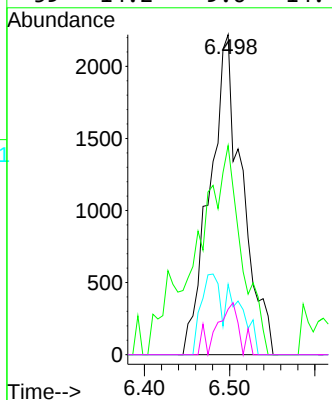
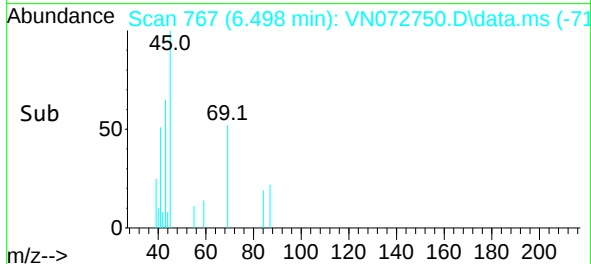
Instrument :
MSVOA_N
Client Sample Id :
MW-14



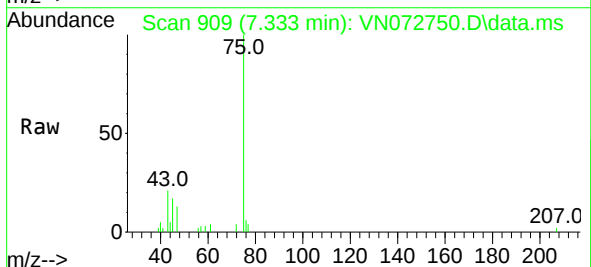
Tgt Ion: 45 Resp: 5838
Ion Ratio Lower Upper
45 100
43 65.4 46.6 70.0
87 21.9 24.3 36.5
59 14.2 9.6 14.4

Manual Integrations
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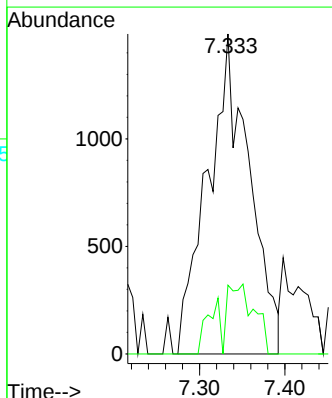
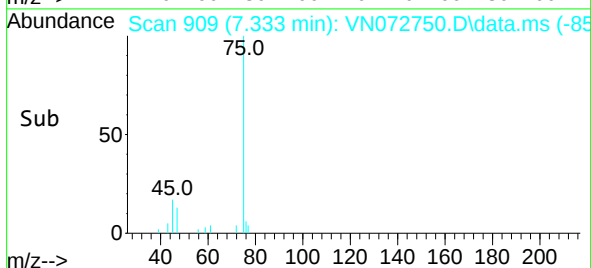
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

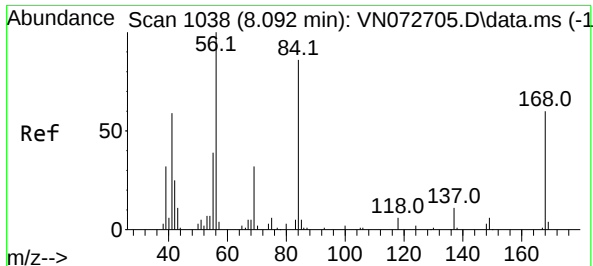


#25
2-Butanone
Concen: 1.523 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00



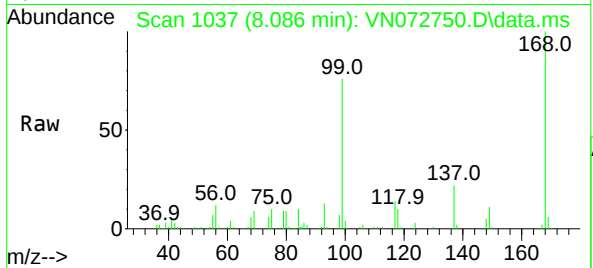
Tgt Ion: 43 Resp: 5079
Ion Ratio Lower Upper
43 100
72 21.5 23.7 35.5





#31
Cyclohexane
Concen: 3.423 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00

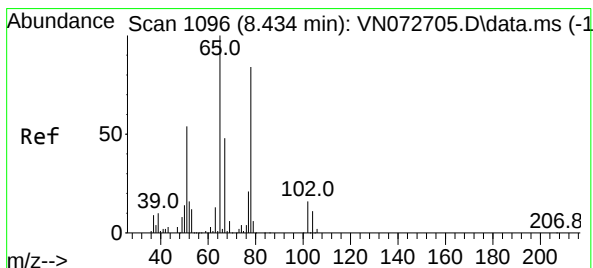
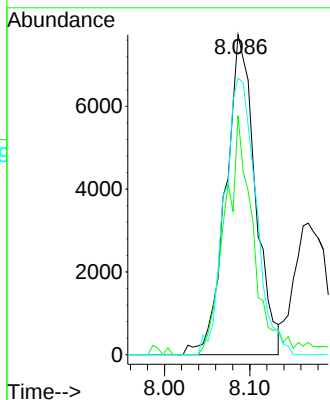
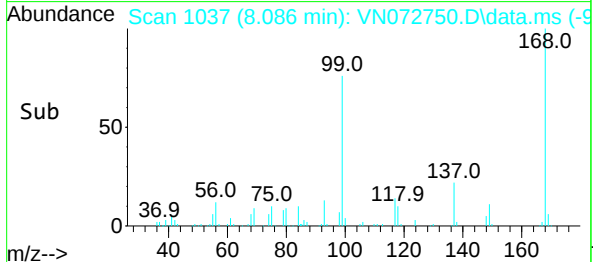
Instrument :
MSVOA_N
ClientSampleId :
MW-14



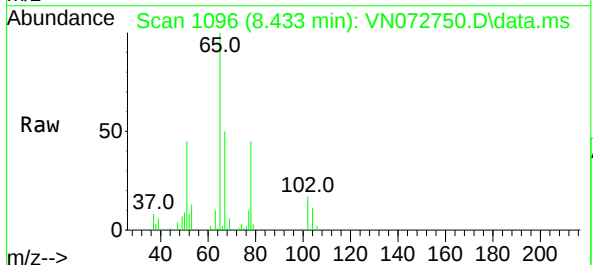
Tgt Ion: 56 Resp: 1870
Ion Ratio Lower Upper
56 100
69 74.7 27.8 41.8
84 86.4 76.9 115.3

Manual Integrations
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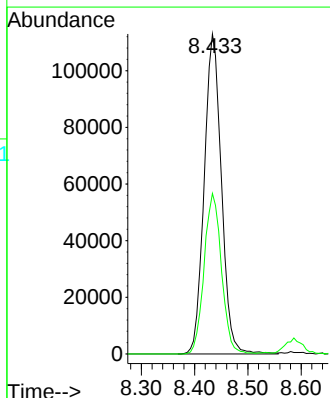
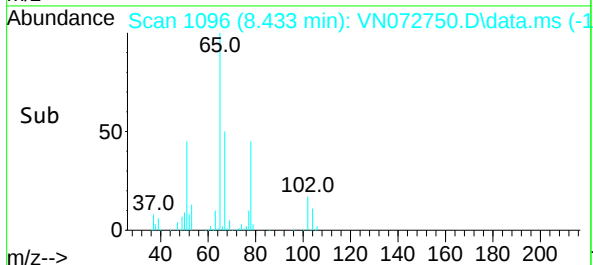
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

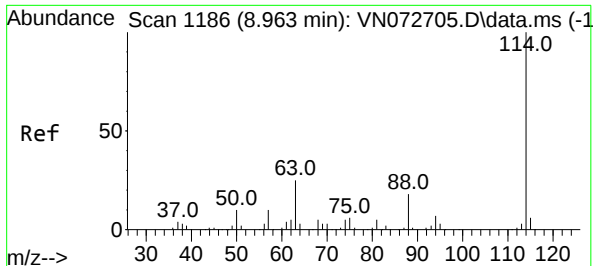


#33
1,2-Dichloroethane-d4
Concen: 58.634 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00



Tgt Ion: 65 Resp: 253603
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072750.D

Acq: 10 Jun 2022 00:00

Instrument :

MSVOA_N

ClientSampleId :

MW-14

Tgt Ion:114 Resp: 320324

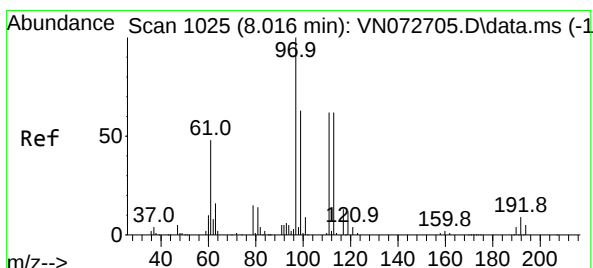
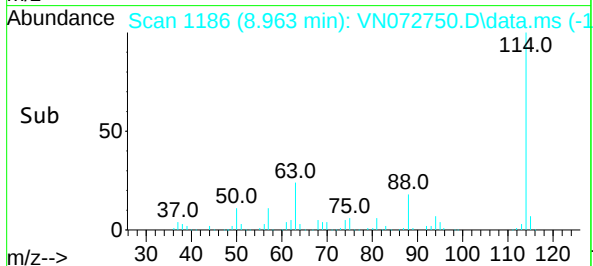
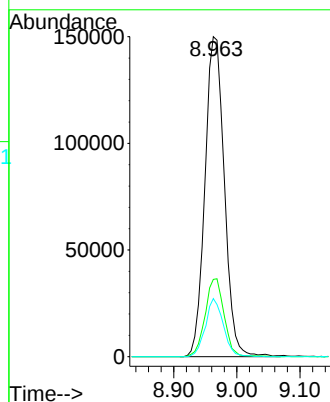
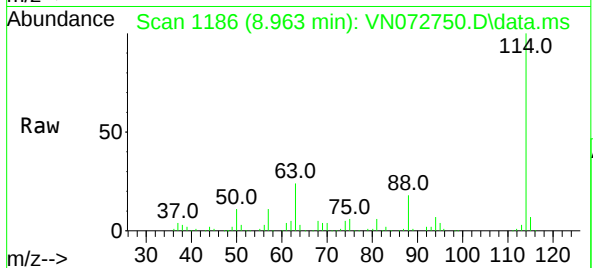
Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	40.0
88	18.2	0.0	32.6

Manual Integrations

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Supervised By :Mahesh Dadoda 06/10/2022



#35

Dibromofluoromethane

Concen: 57.914 ug/l

RT: 8.016 min Scan# 1025

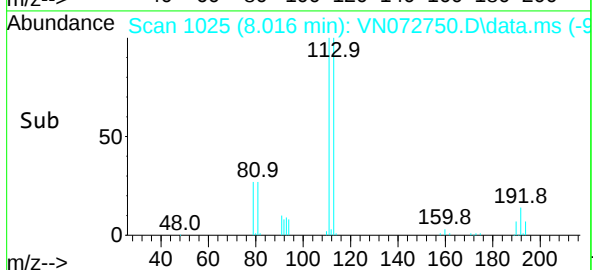
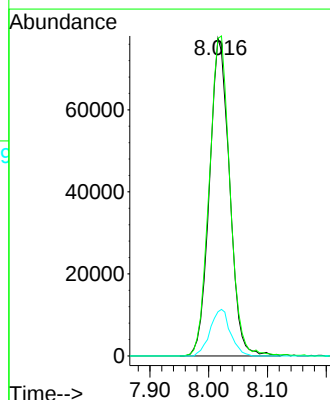
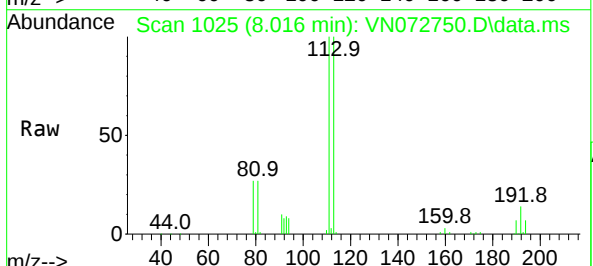
Delta R.T. -0.000 min

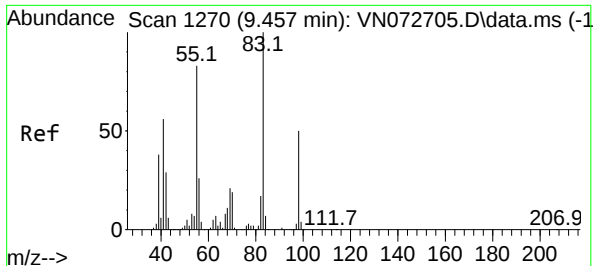
Lab File: VN072750.D

Acq: 10 Jun 2022 00:00

Tgt Ion:113 Resp: 183562

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.4	122.0
192	14.8	17.0	25.6





#39

Methylcyclohexane

Concen: 1.441 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072750.D

Acq: 10 Jun 2022 00:00

Instrument :

MSVOA_N

ClientSampleId :

MW-14

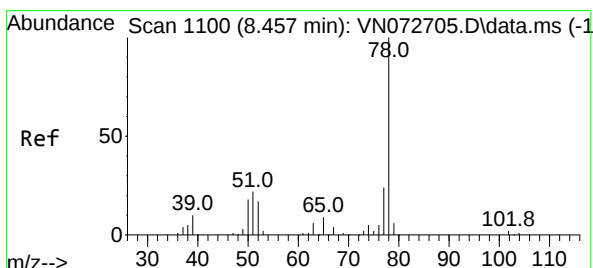
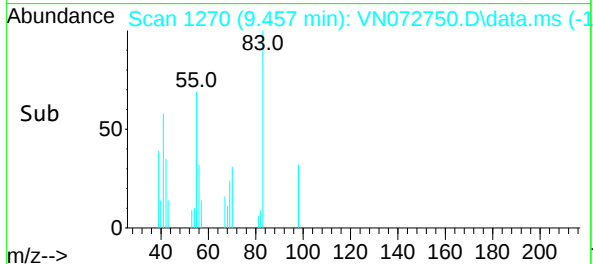
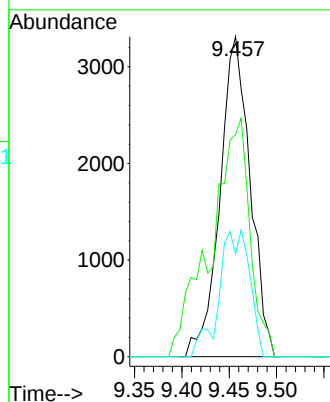
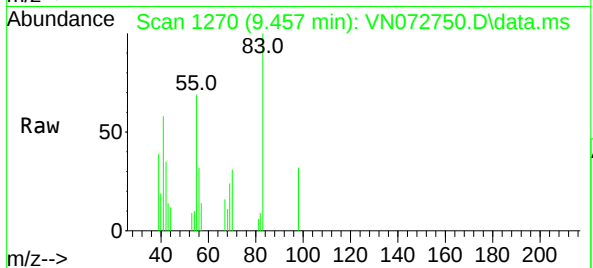
Tgt Ion: 83	Resp: 7350
Ion Ratio	Lower Upper
83 100	
55 69.4	57.8 86.8
98 32.1	39.4 59.2

Manual Integrations

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Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#40

Benzene

Concen: 31.228 ug/l

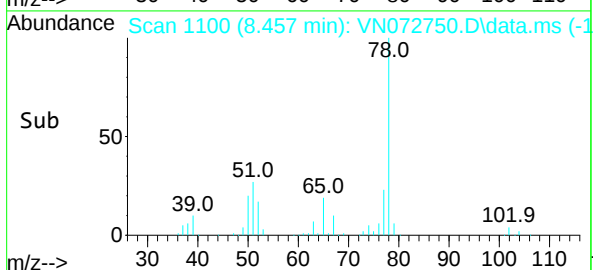
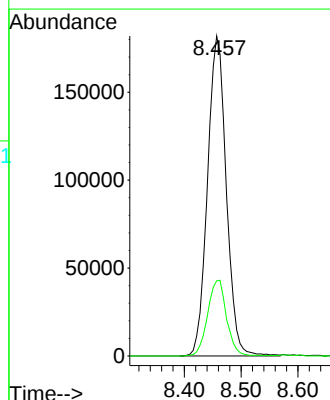
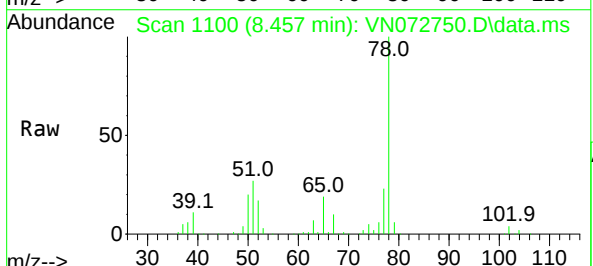
RT: 8.457 min Scan# 1100

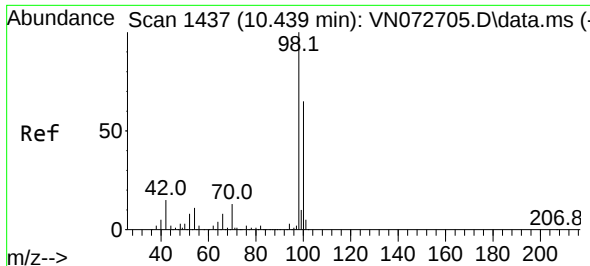
Delta R.T. -0.000 min

Lab File: VN072750.D

Acq: 10 Jun 2022 00:00

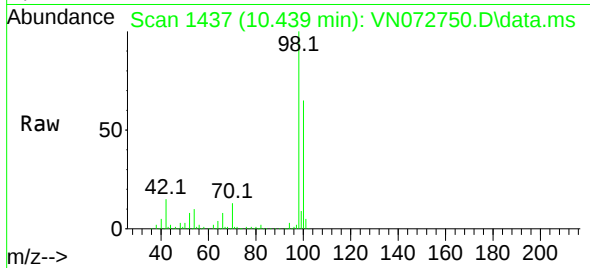
Tgt Ion: 78	Resp: 416926
Ion Ratio	Lower Upper
78 100	
77 23.5	19.4 29.0





#50
Toluene-d8
Concen: 47.236 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00

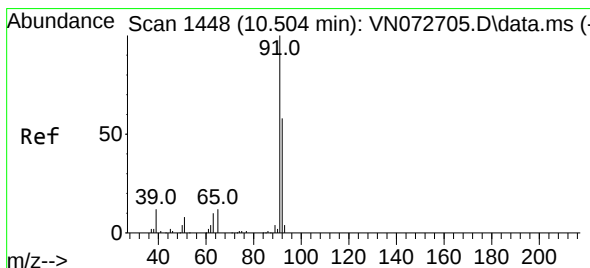
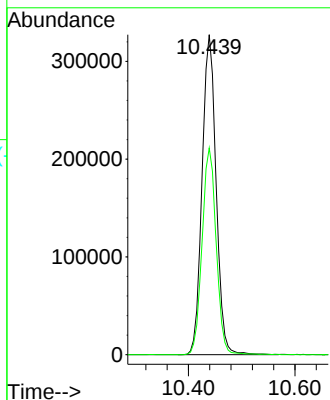
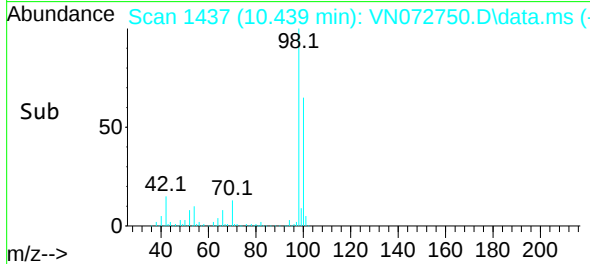
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion: 98 Resp: 59734
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

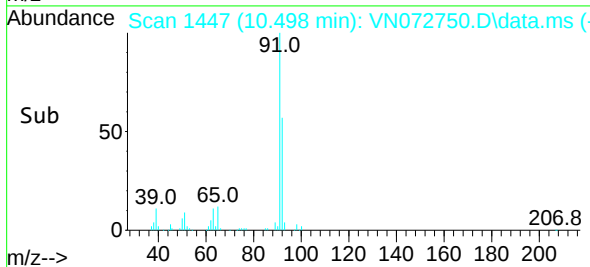
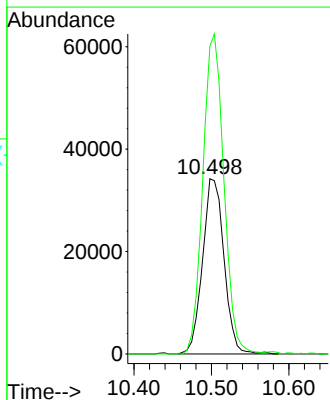
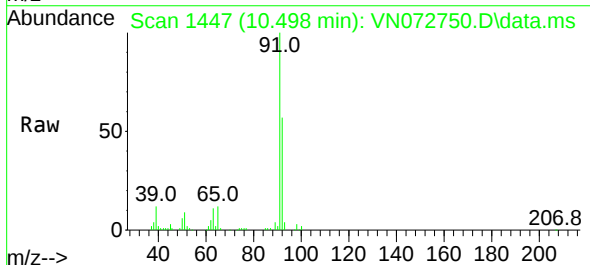
Manual Integrations
APPROVED

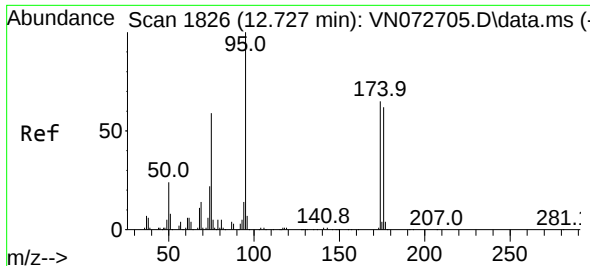
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#52
Toluene
Concen: 7.896 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00

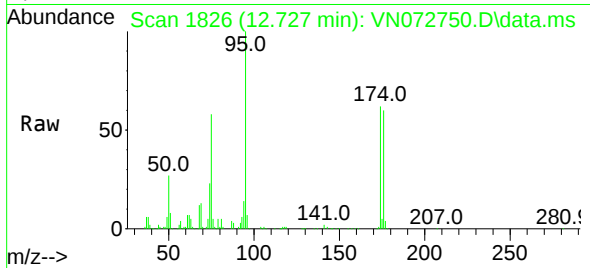
Tgt Ion: 92 Resp: 65821
Ion Ratio Lower Upper
92 100
91 178.5 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 49.293 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00

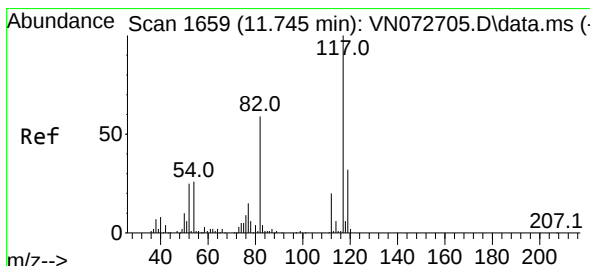
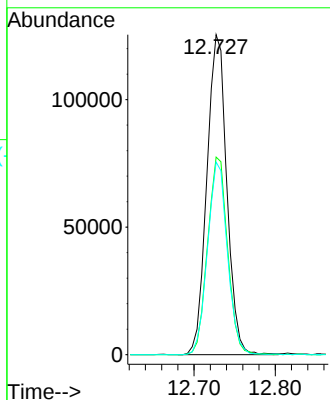
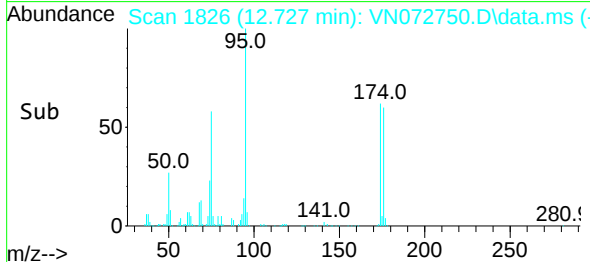
Instrument :
MSVOA_N
ClientSampleId :
MW-14



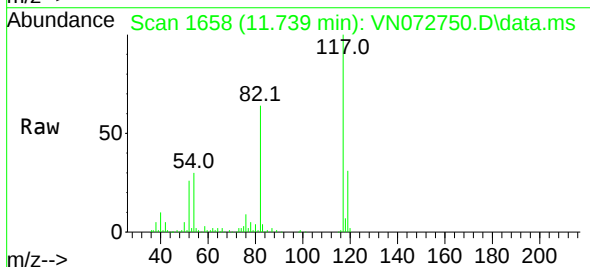
Tgt Ion: 95 Resp: 213904
Ion Ratio Lower Upper
95 100
174 61.9 0.0 167.6
176 59.9 0.0 163.4

Manual Integrations
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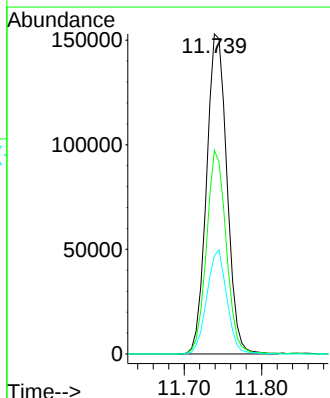
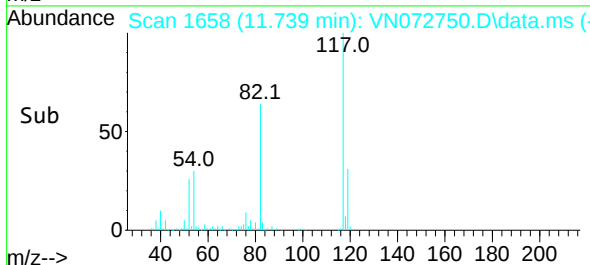
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

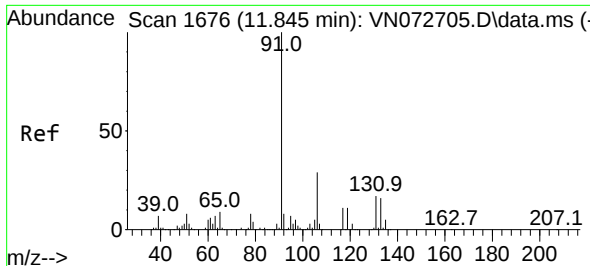


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00



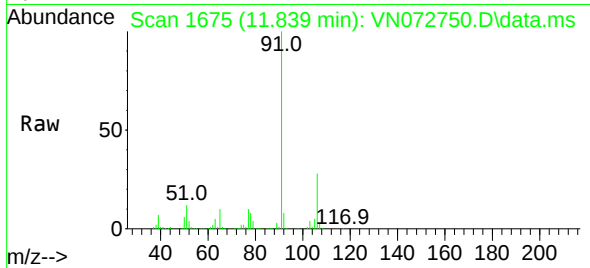
Tgt Ion:117 Resp: 279769
Ion Ratio Lower Upper
117 100
82 63.7 44.2 66.2
119 30.7 25.4 38.0





#67
Ethyl Benzene
Concen: 15.693 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00

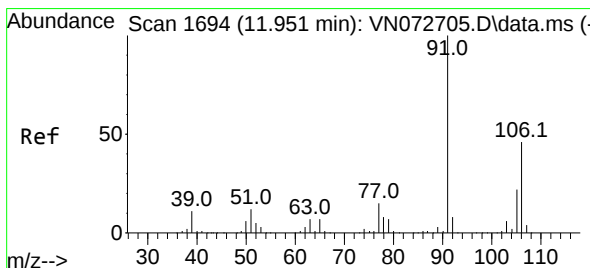
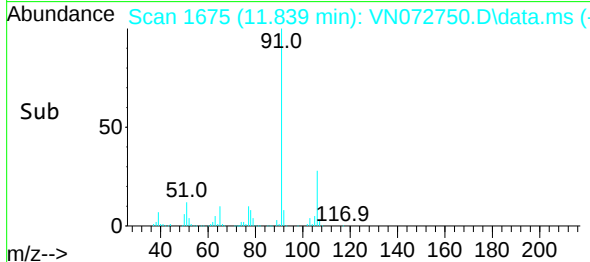
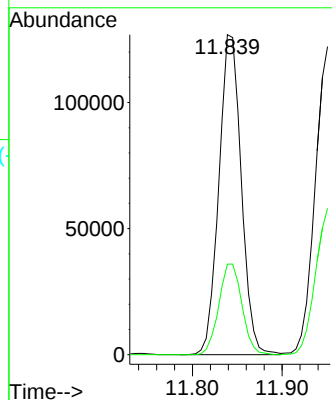
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion: 91 Resp: 219980
Ion Ratio Lower Upper
91 100
106 28.3 24.9 37.3

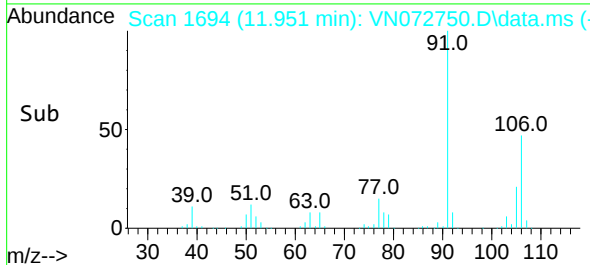
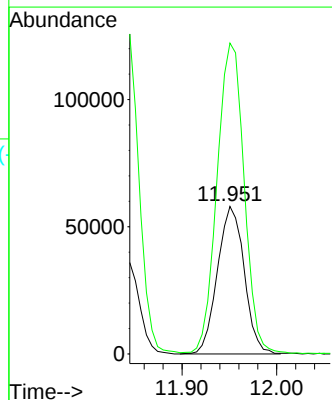
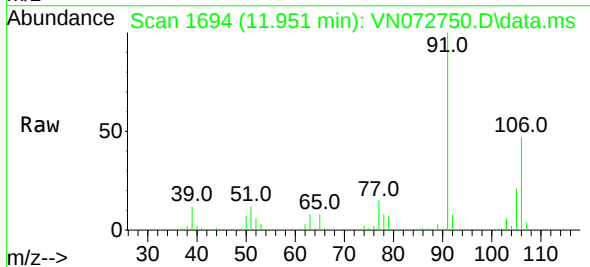
Manual Integrations
APPROVED

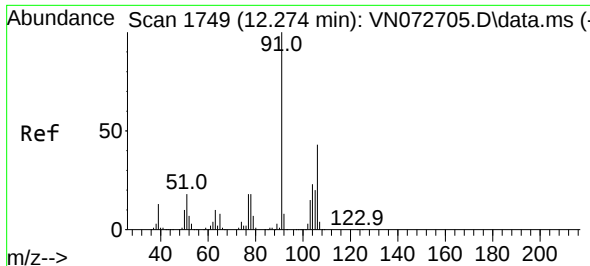
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#68
m/p-Xylenes
Concen: 22.902 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00

Tgt Ion:106 Resp: 114087
Ion Ratio Lower Upper
106 100
91 212.9 158.9 238.3





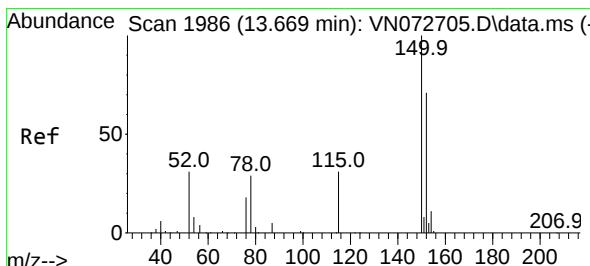
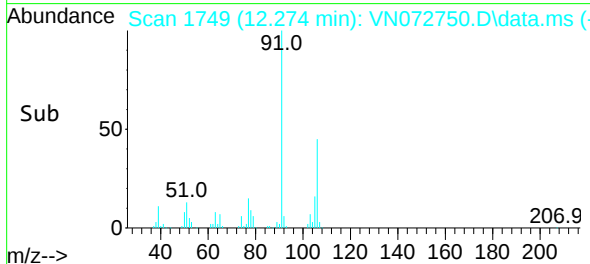
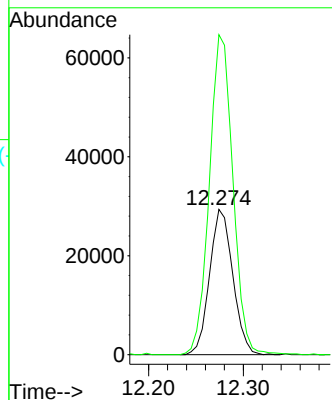
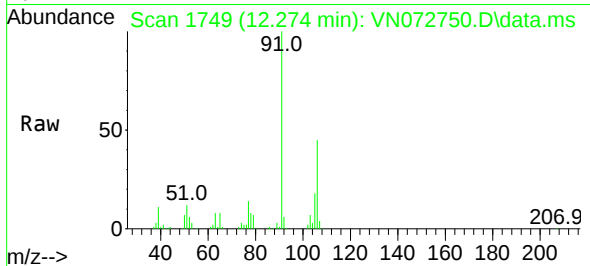
#69
o-Xylene
Concen: 10.004 ug/l
RT: 12.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion:106 Resp: 50094
Ion Ratio Lower Upper
106 100
91 223.5 106.0 318.0

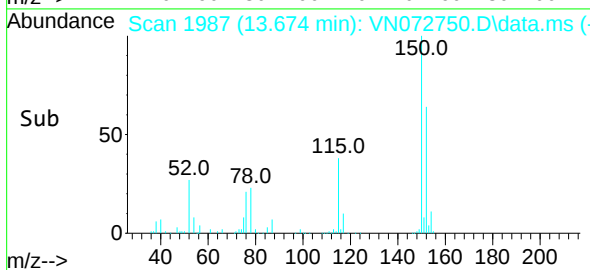
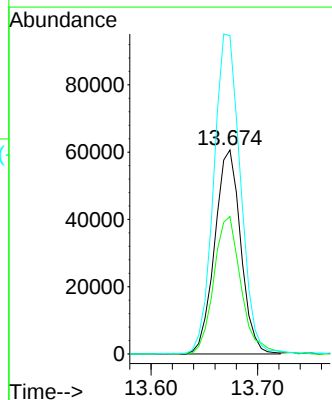
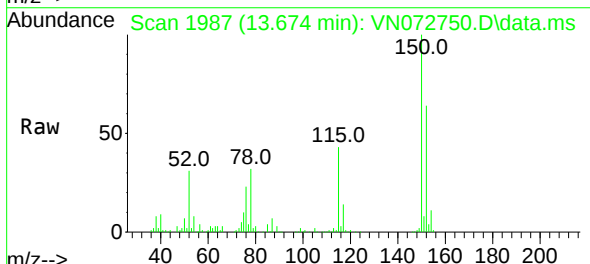
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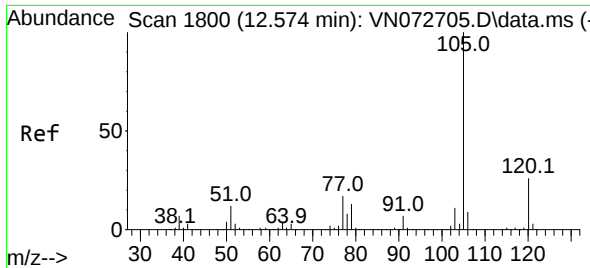
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00

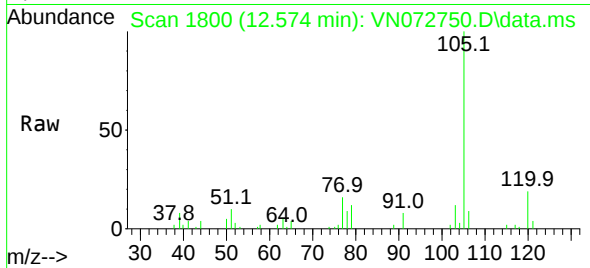
Tgt Ion:152 Resp: 102851
Ion Ratio Lower Upper
152 100
115 70.4 28.9 86.7
150 161.7 0.0 356.2





#73
Isopropylbenzene
Concen: 2.735 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00

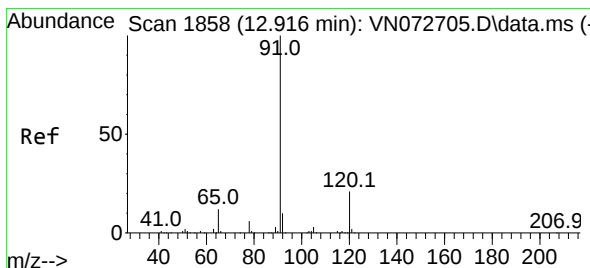
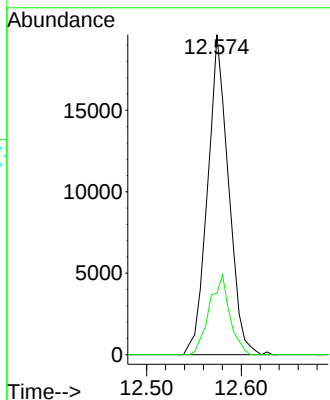
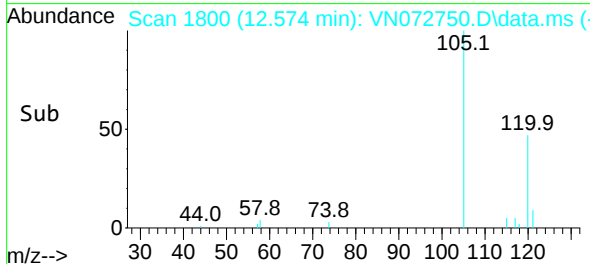
Instrument :
MSVOA_N
ClientSampleId :
MW-14



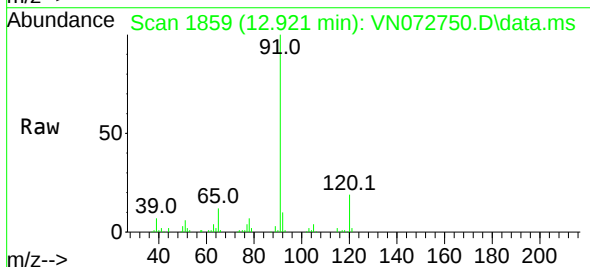
Tgt Ion:105 Resp: 3017
Ion Ratio Lower Upper
105 100
120 24.3 13.5 40.4

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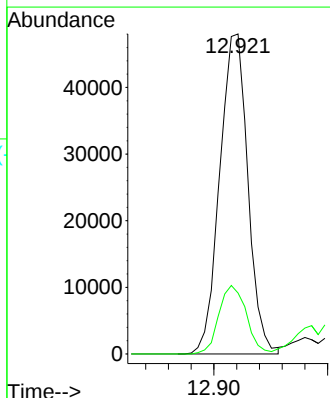
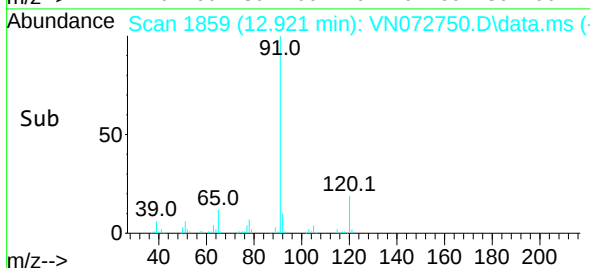
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

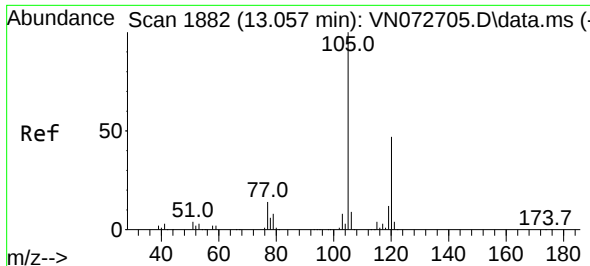


#78
n-propylbenzene
Concen: 6.867 ug/l
RT: 12.921 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00



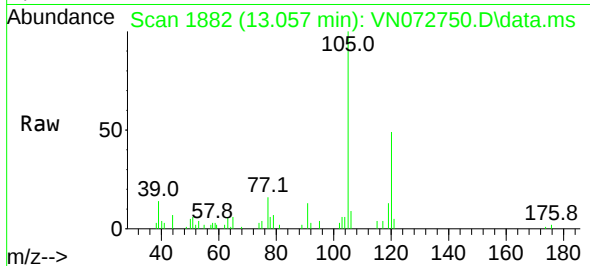
Tgt Ion: 91 Resp: 82711
Ion Ratio Lower Upper
91 100
120 20.9 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 2.531 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00

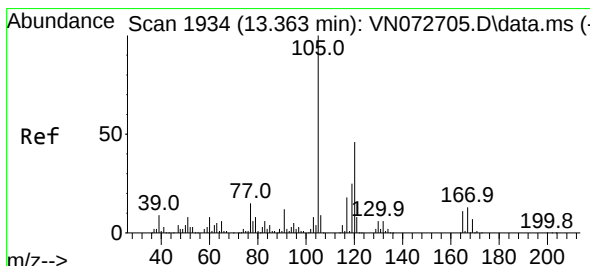
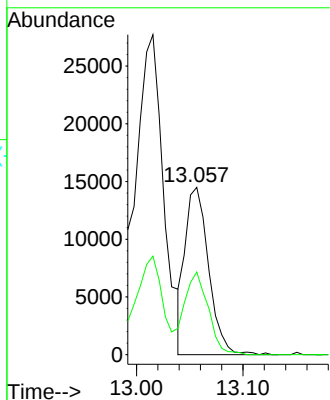
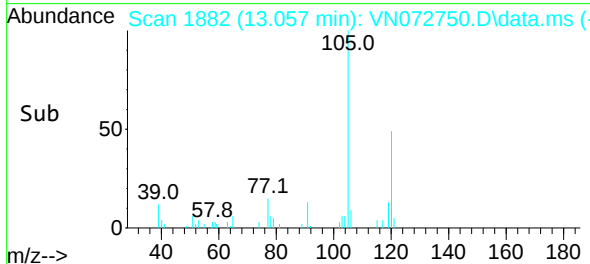
Instrument :
MSVOA_N
ClientSampleId :
MW-14



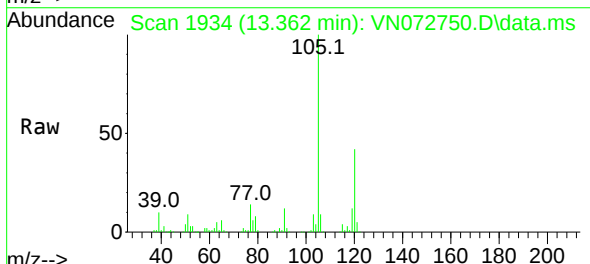
Tgt Ion:105 Resp: 22120
Ion Ratio Lower Upper
105 100
120 51.5 24.9 74.7

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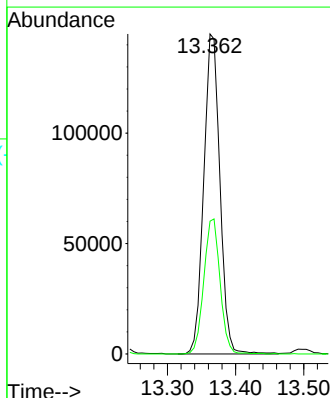
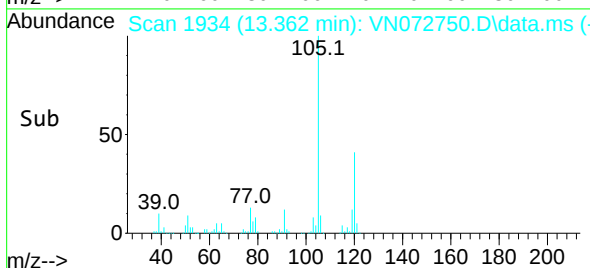
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

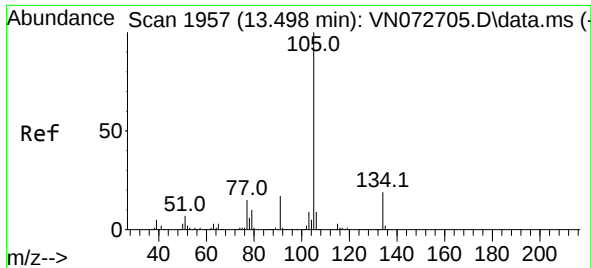


#84
1,2,4-Trimethylbenzene
Concen: 28.558 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072750.D
Acq: 10 Jun 2022 00:00



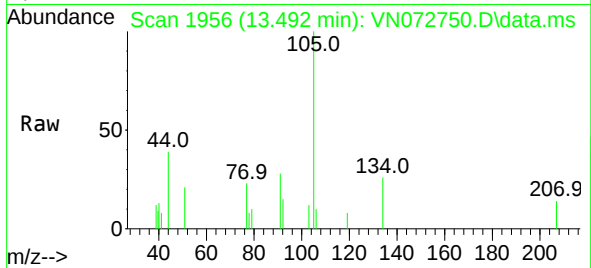
Tgt Ion:105 Resp: 238863
Ion Ratio Lower Upper
105 100
120 42.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 0.403 ug/l m
 RT: 13.492 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN072750.D
 Acq: 10 Jun 2022 00:00

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14



Tgt Ion:105 Resp: 4179
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022

