

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072752.D
 Acq On : 10 Jun 2022 00:48
 Operator : JC\MD
 Sample : N3202-02DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-15DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 10 01:49:17 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	8.087	168	187385	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	350831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	320565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	151974	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	274784	54.637	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.280%			
35) Dibromofluoromethane	8.016	113	194346	55.985	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.960%			
50) Toluene-d8	10.439	98	663595	47.912	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.820%			
62) 4-Bromofluorobenzene	12.727	95	259052	54.507	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.020%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.363	59	126582	105.509	ug/l	99
16) Acetone	4.299	43	8494	3.525	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	97330	7.958	ug/l #	67
22) Diisopropyl ether	6.487	45	9752	0.771	ug/l #	93
31) Cyclohexane	8.087	56	27281	4.476	ug/l #	80
39) Methylcyclohexane	9.457	83	10762m	1.925	ug/l	
40) Benzene	8.457	78	600062	41.037	ug/l	98
52) Toluene	10.504	92	90365	9.898	ug/l	99
67) Ethyl Benzene	11.839	91	1310945	81.619	ug/l	98
68) m/p-Xylenes	11.951	106	1025645	179.687	ug/l	89
69) o-Xylene	12.275	106	172804	30.117	ug/l	92
73) Isopropylbenzene	12.575	105	112245	6.886	ug/l	99
78) n-propylbenzene	12.916	91	197892	11.118	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	285116	22.074	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	1293532	104.665	ug/l	96
85) sec-Butylbenzene	13.498	105	7534m	0.492	ug/l	
89) n-Butylbenzene	13.933	91	4443	0.438	ug/l #	75

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

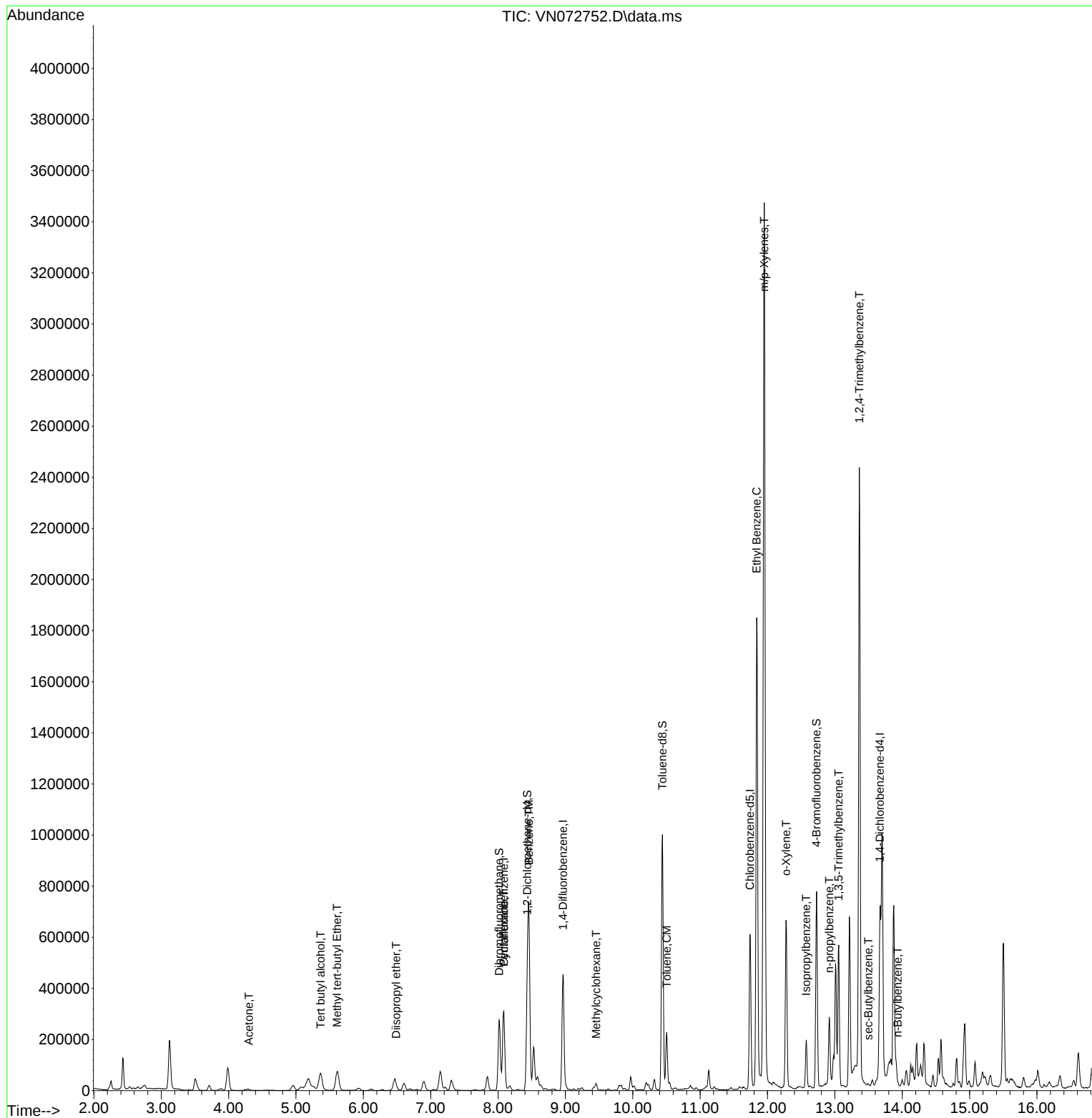
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
Data File : VN072752.D
Acq On : 10 Jun 2022 00:48
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Misc : 5.0mL/MSVOA_N/WATER
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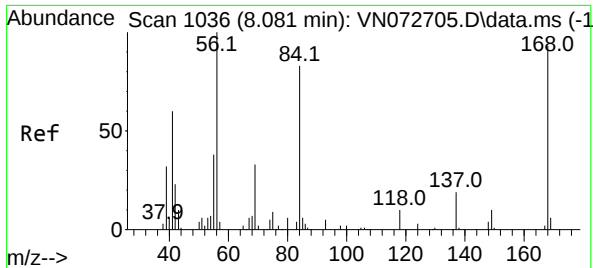
Instrument :
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ClientSampleId :
MW-15DL

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Supervised By : Mahesh Dadoda 06/10/2022

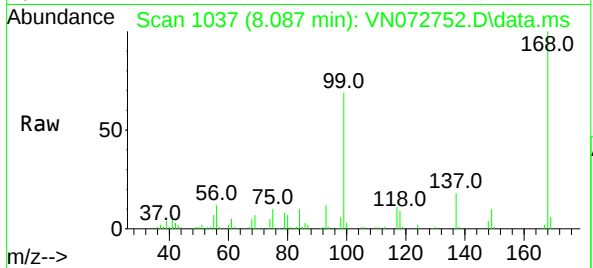
Quant Time: Jun 10 01:49:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 05:17:31 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48

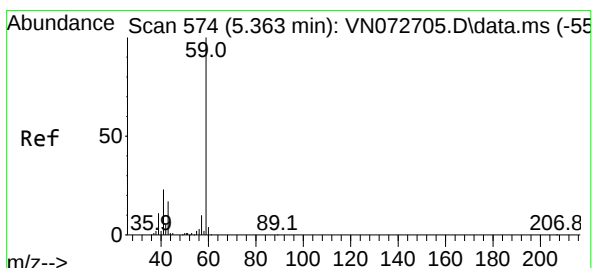
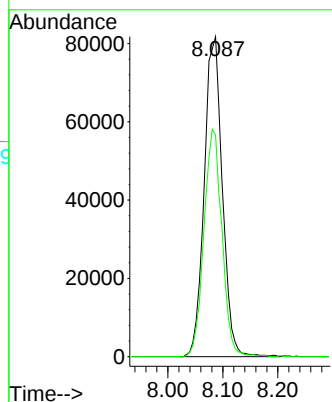
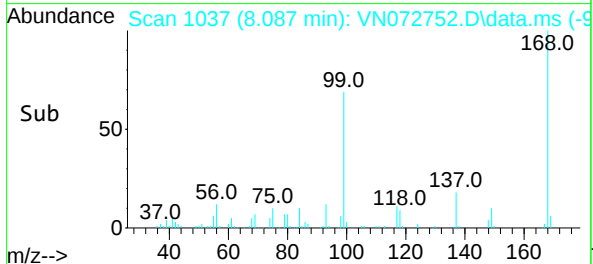
Instrument :
MSVOA_N
ClientSampleId :
MW-15DL



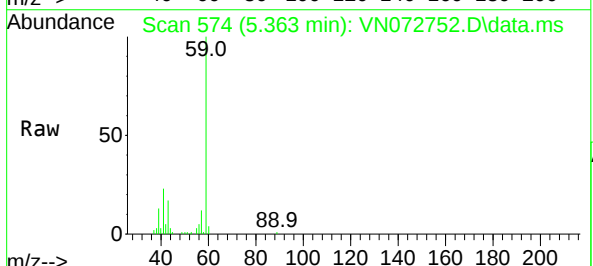
Tgt Ion:168 Resp: 18738
Ion Ratio Lower Upper
168 100
99 69.3 42.3 63.5

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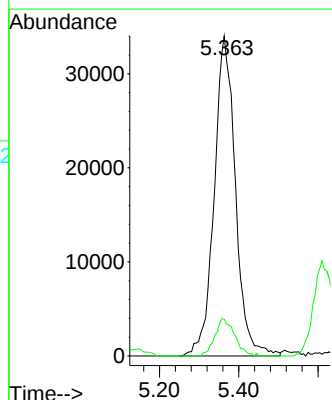
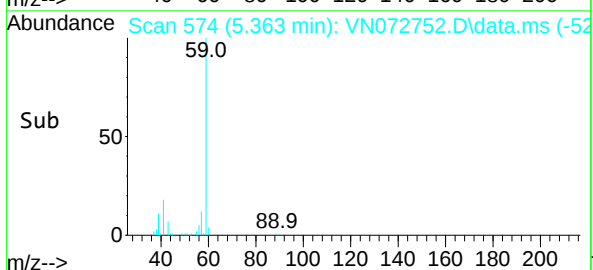
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

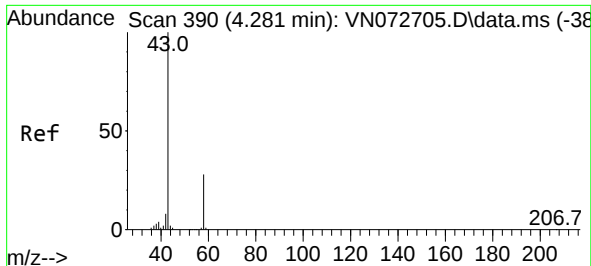


#11
Tert butyl alcohol
Concen: 105.509 ug/l
RT: 5.363 min Scan# 574
Delta R.T. 0.000 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48



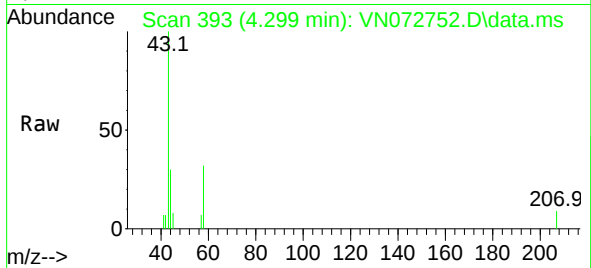
Tgt Ion: 59 Resp: 126582
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5





#16
Acetone
Concen: 3.525 ug/l
RT: 4.299 min Scan# 390
Delta R.T. 0.018 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48

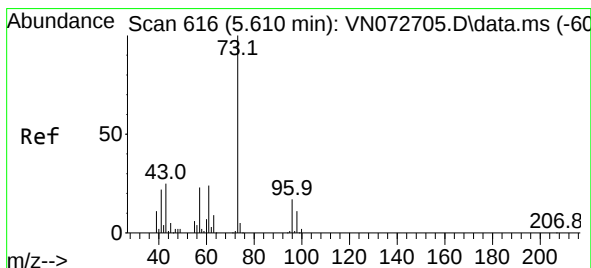
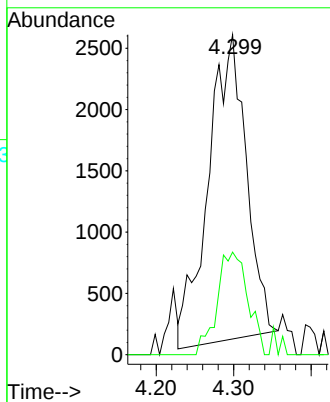
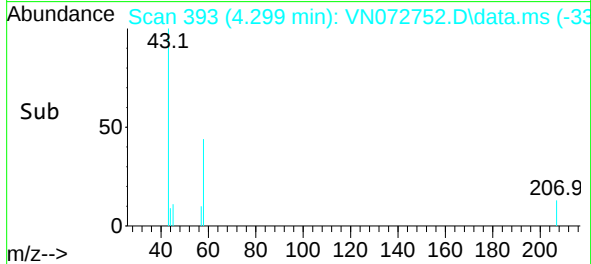
Instrument :
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Tgt Ion: 43 Resp: 8494
Ion Ratio Lower Upper
43 100
58 34.7 26.0 39.0

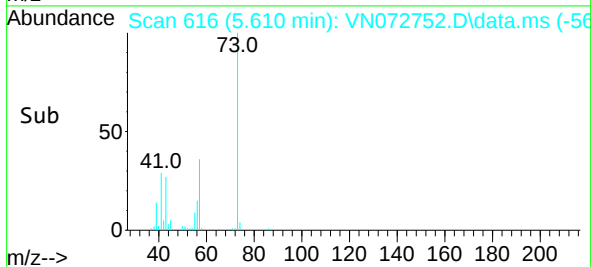
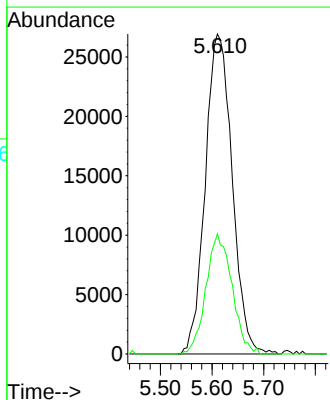
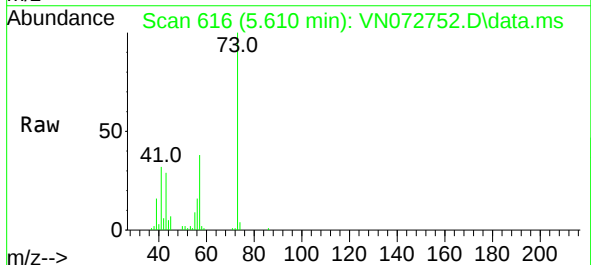
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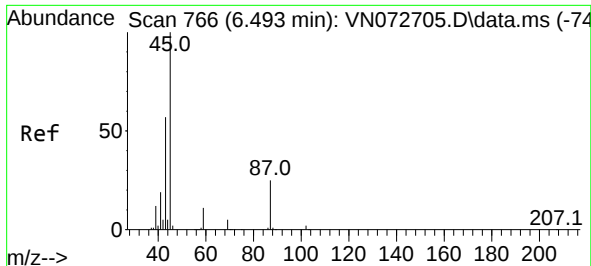
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#19
Methyl tert-butyl Ether
Concen: 7.958 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48

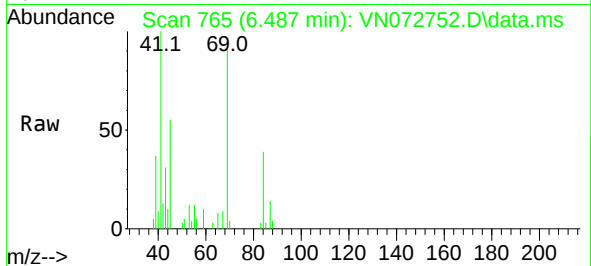
Tgt Ion: 73 Resp: 97330
Ion Ratio Lower Upper
73 100
57 37.5 17.6 26.4#





#22
Diisopropyl ether
Concen: 0.771 ug/l
RT: 6.487 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48

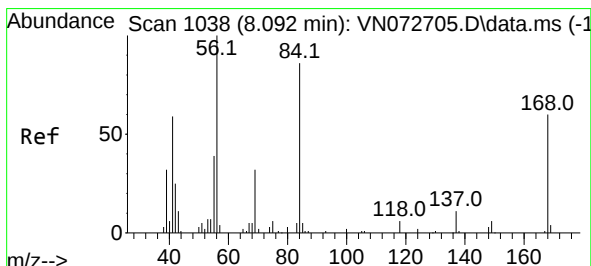
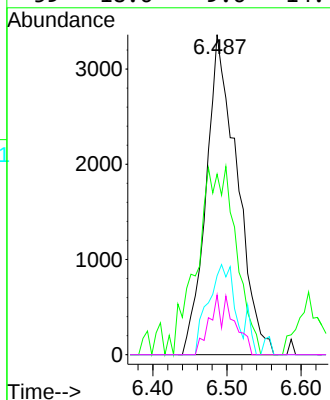
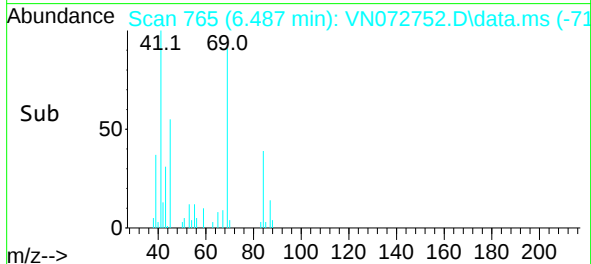
Instrument :
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Client SampleId :
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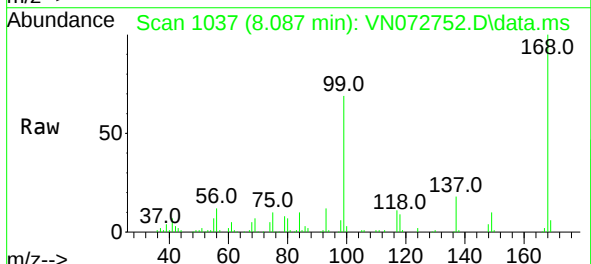
Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.4	46.6	70.0
87	24.7	24.3	36.5
59	18.6	9.6	14.4

Manual Integrations
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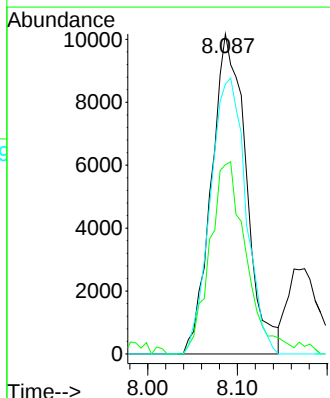
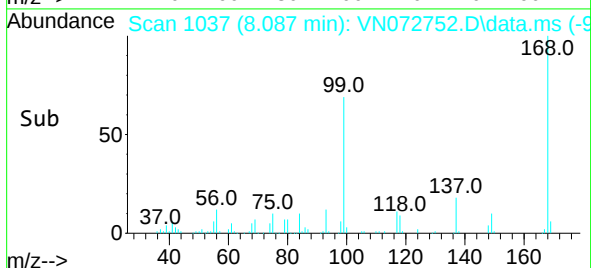
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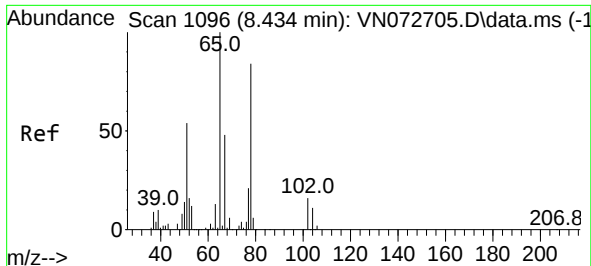


#31
Cyclohexane
Concen: 4.476 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48



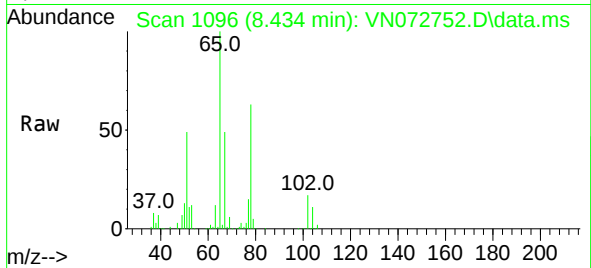
Tgt Ion	Ratio	Lower	Upper
56	100		
69	59.1	27.8	41.8
84	84.3	76.9	115.3





#33
1,2-Dichloroethane-d4
Concen: 54.637 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48

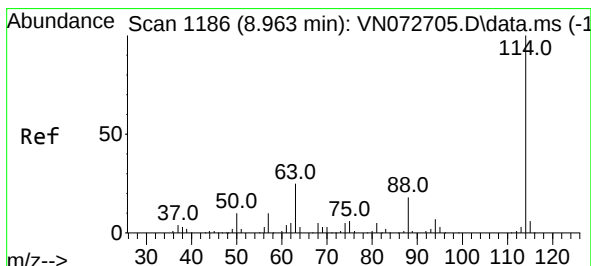
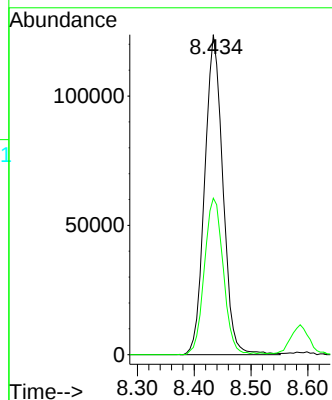
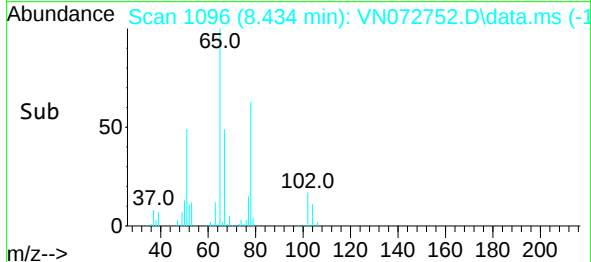
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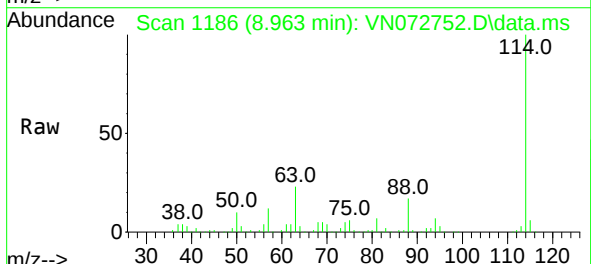
Tgt Ion: 65 Resp: 274784
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.8

Manual Integrations
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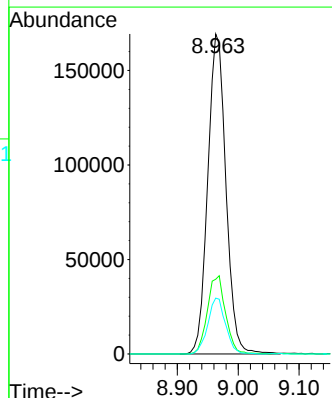
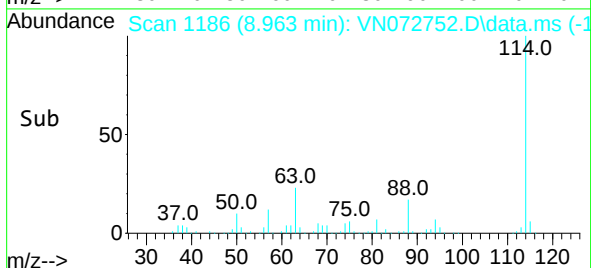
Reviewed By :John Carlone 06/10/2022
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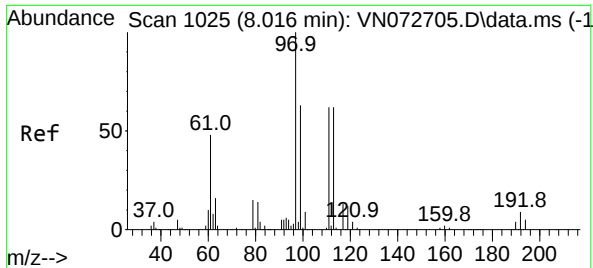


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48



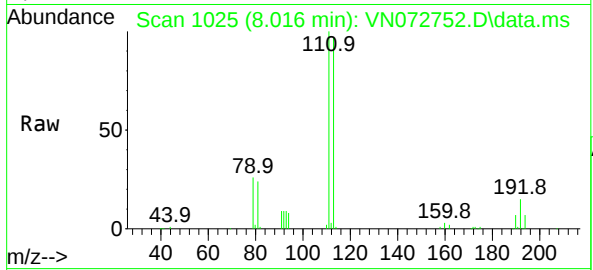
Tgt Ion:114 Resp: 350831
Ion Ratio Lower Upper
114 100
63 23.4 0.0 40.0
88 17.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 55.985 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48

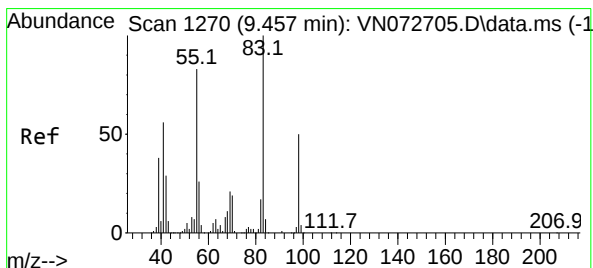
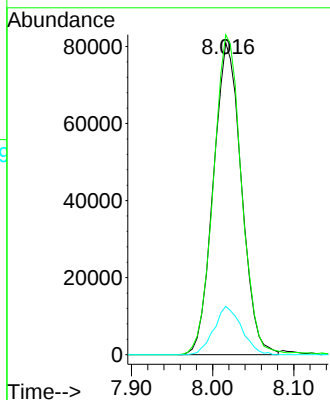
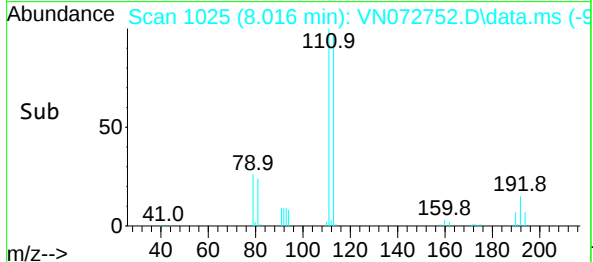
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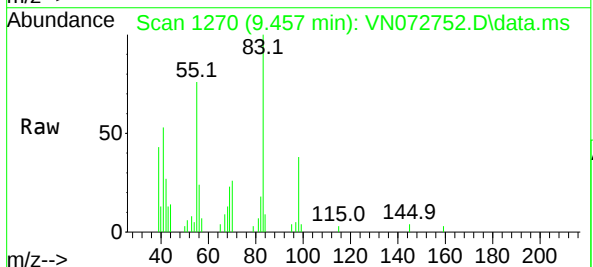
Tgt Ion: 113 Resp: 194340
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 15.3 17.0 25.6

Manual Integrations
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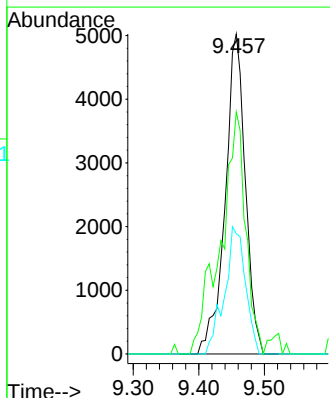
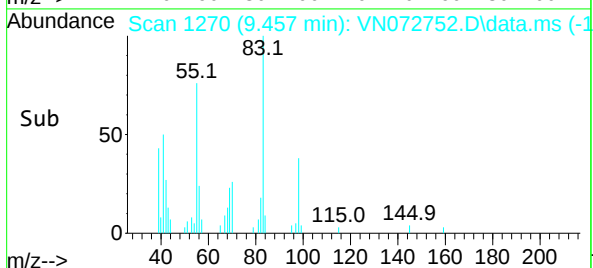
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Supervised By :Mahesh Dadoda 06/10/2022

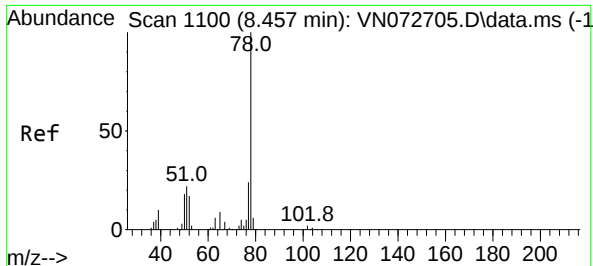


#39
Methylcyclohexane
Concen: 1.925 ug/l m
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48



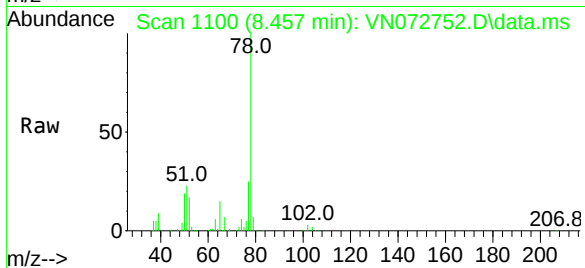
Tgt Ion: 83 Resp: 10762
Ion Ratio Lower Upper
83 100
55 75.7 57.8 86.8
98 37.6 39.4 59.2





#40
Benzene
Concen: 41.037 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48

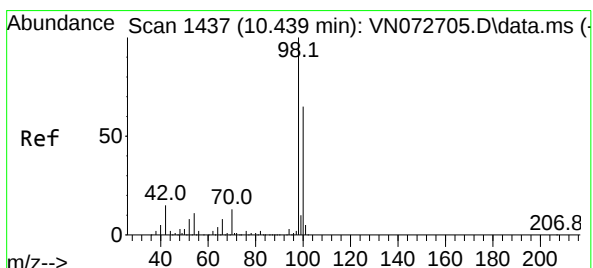
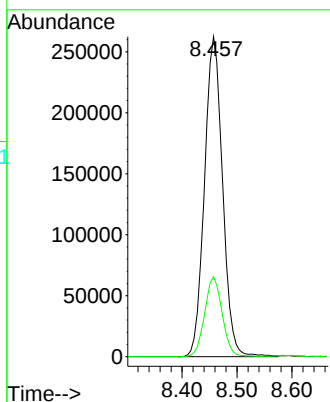
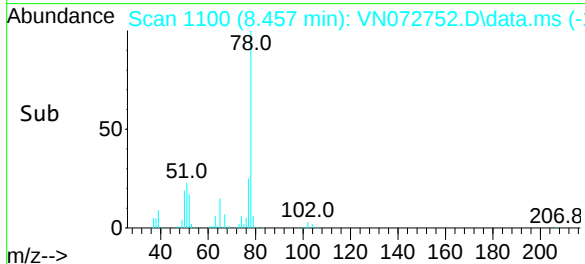
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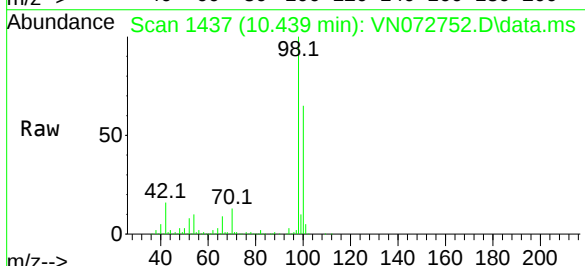
Tgt Ion: 78 Resp: 600062
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.0

Manual Integrations
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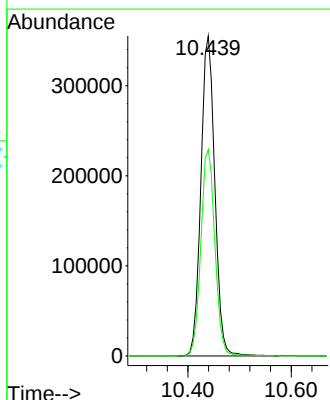
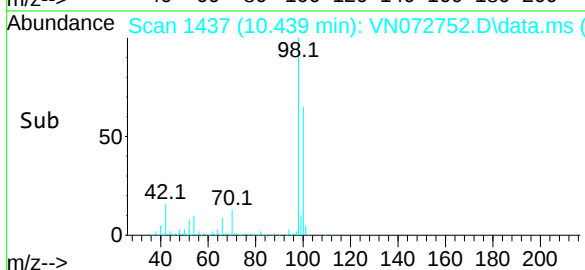
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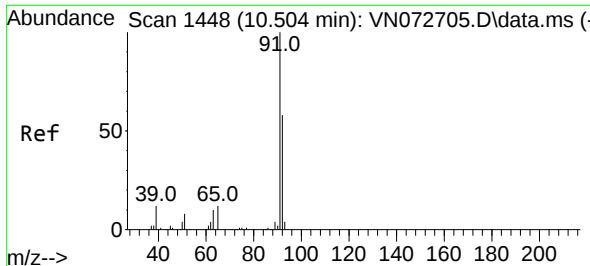


#50
Toluene-d8
Concen: 47.912 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48



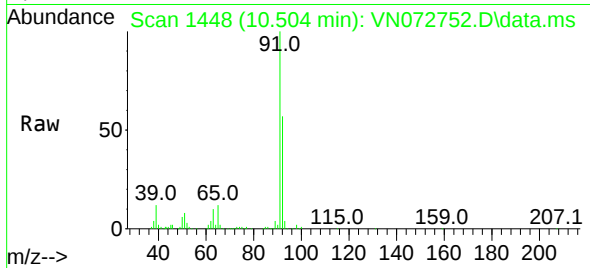
Tgt Ion: 98 Resp: 663595
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





#52
Toluene
Concen: 9.898 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48

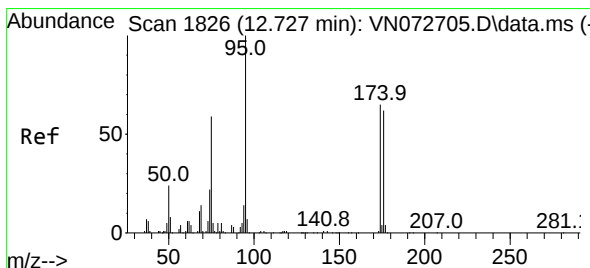
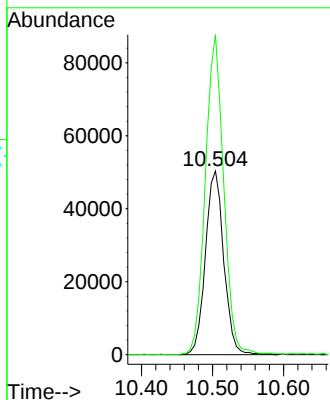
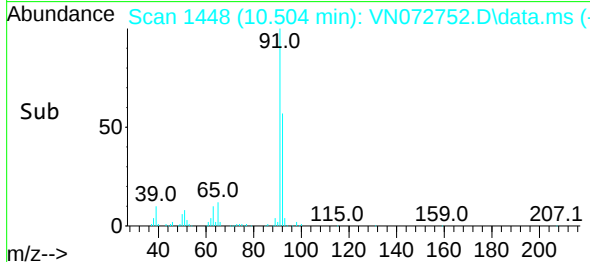
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ClientSampleId :
MW-15DL



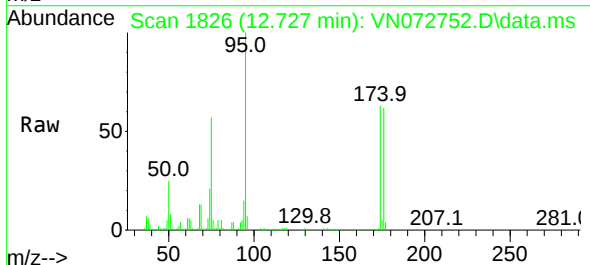
Tgt Ion: 92 Resp: 9036
Ion Ratio Lower Upper
92 100
91 174.8 138.6 207.8

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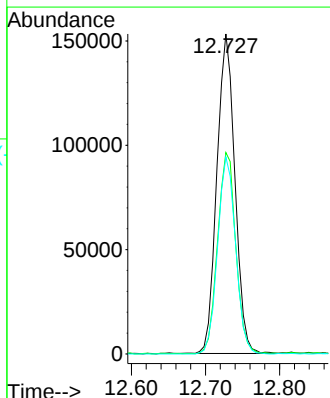
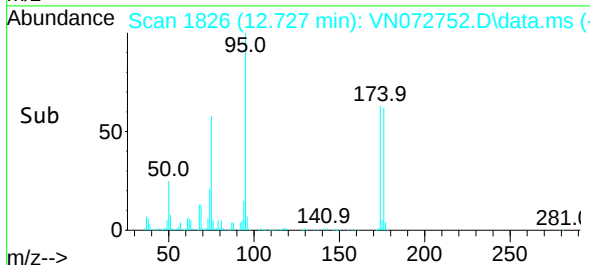
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

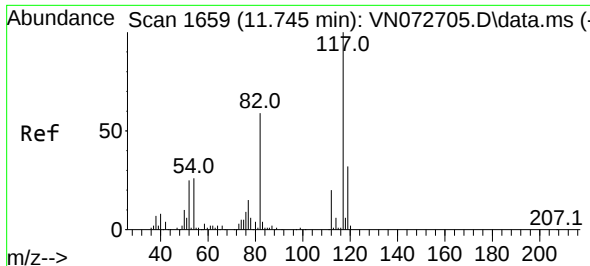


#62
4-Bromofluorobenzene
Concen: 54.507 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48



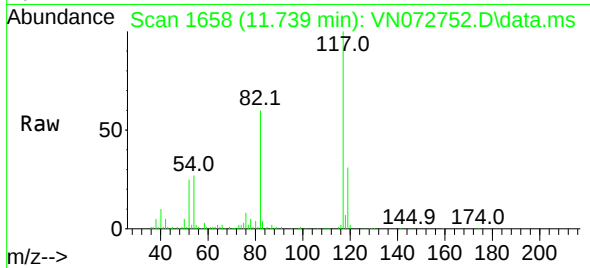
Tgt Ion: 95 Resp: 259052
Ion Ratio Lower Upper
95 100
174 63.4 0.0 167.6
176 61.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48

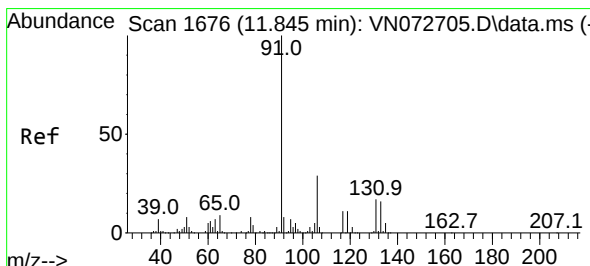
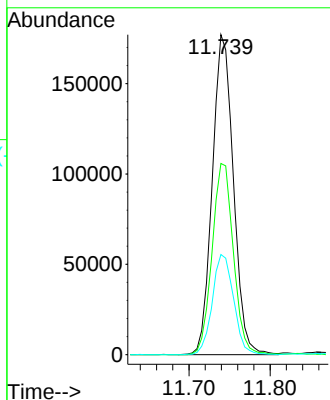
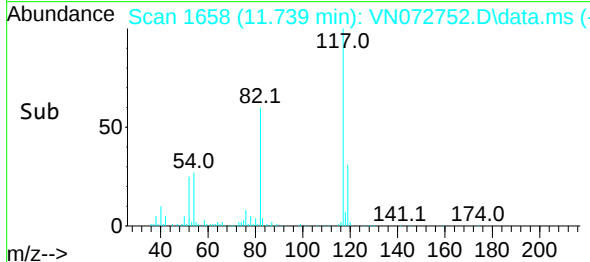
Instrument :
MSVOA_N
ClientSampleId :
MW-15DL



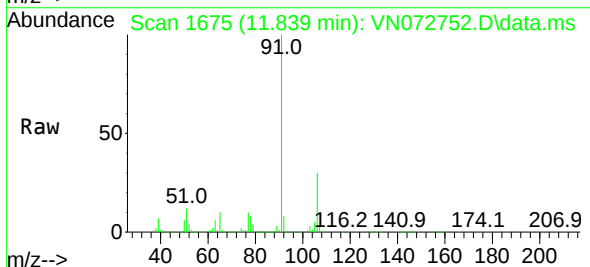
Tgt Ion: 117 Resp: 32056
Ion Ratio Lower Upper
117 100
82 59.8 44.2 66.2
119 31.3 25.4 38.0

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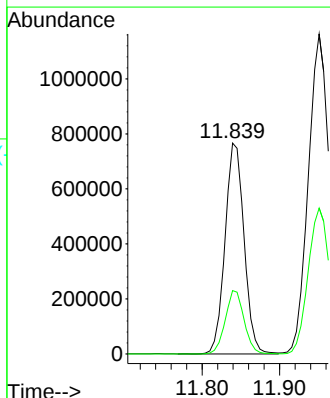
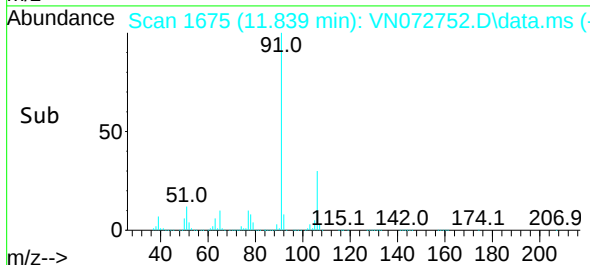
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

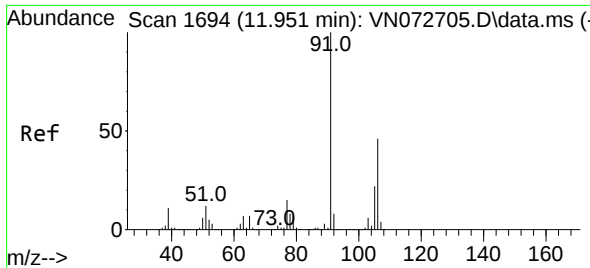


#67
Ethyl Benzene
Concen: 81.619 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48



Tgt Ion: 91 Resp: 1310945
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3





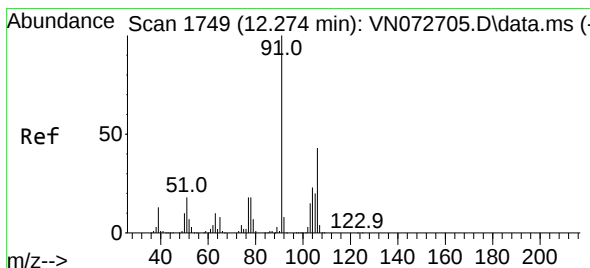
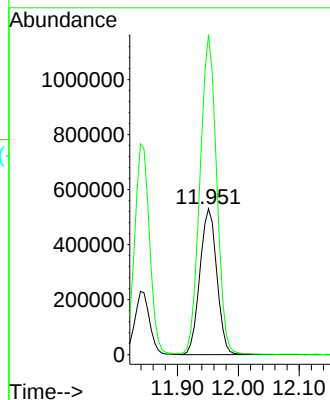
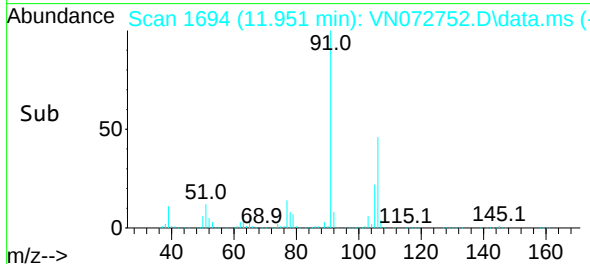
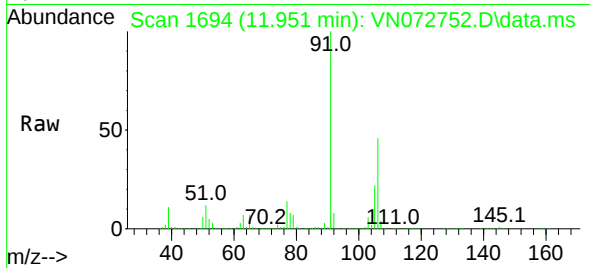
#68
m/p-Xylenes
Concen: 179.687 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48

Instrument :
MSVOA_N
ClientSampleId :
MW-15DL

Tgt Ion:106 Resp: 102564
Ion Ratio Lower Upper
106 100
91 215.3 158.9 238.3

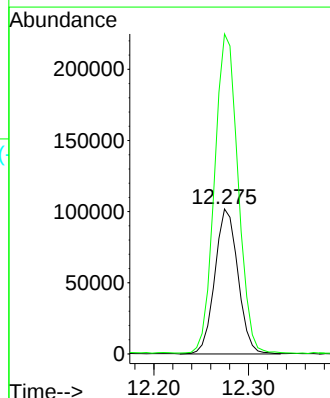
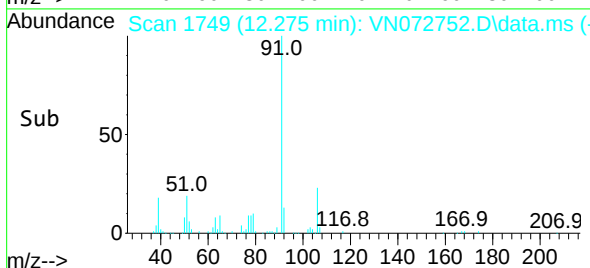
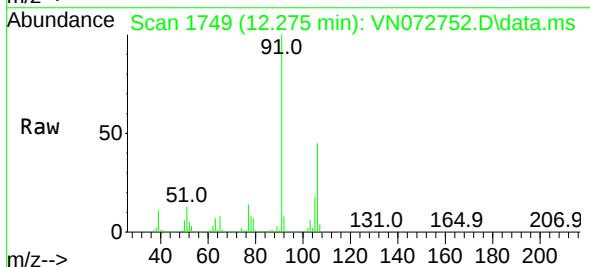
Manual Integrations
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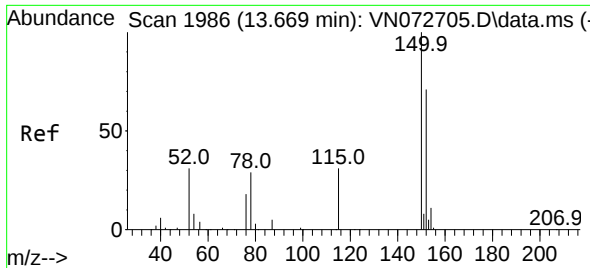
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#69
o-Xylene
Concen: 30.117 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48

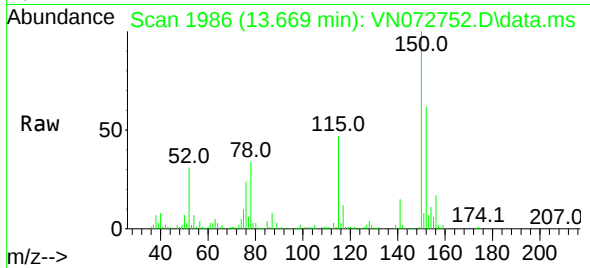
Tgt Ion:106 Resp: 172804
Ion Ratio Lower Upper
106 100
91 224.0 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48

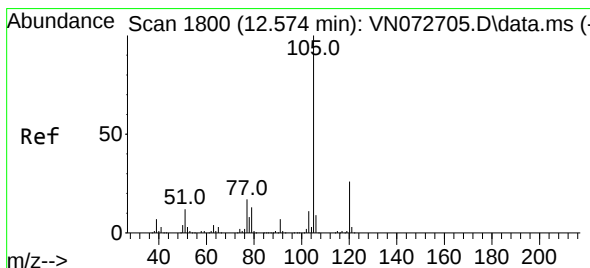
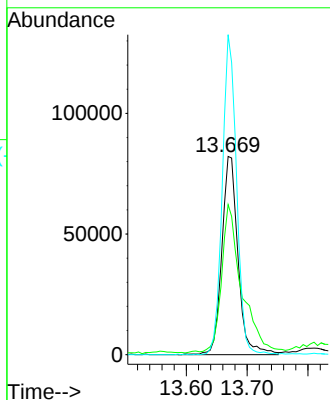
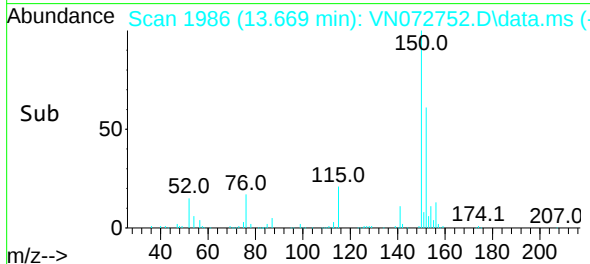
Instrument :
MSVOA_N
ClientSampleId :
MW-15DL



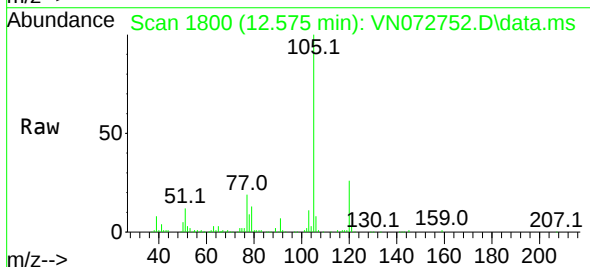
Tgt Ion:152 Resp: 151974
Ion Ratio Lower Upper
152 100
115 94.3 28.9 86.7
150 142.2 0.0 356.2

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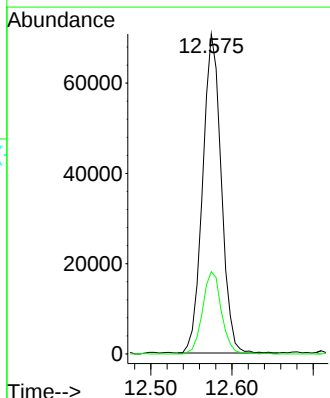
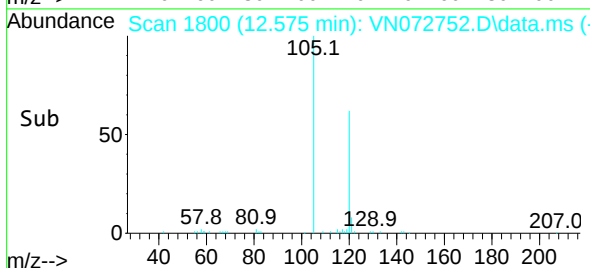
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

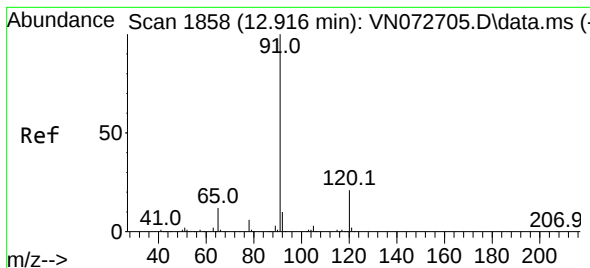


#73
Isopropylbenzene
Concen: 6.886 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.001 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48



Tgt Ion:105 Resp: 112245
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4





#78

n-propylbenzene

Concen: 11.118 ug/l

RT: 12.916 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN072752.D

Acq: 10 Jun 2022 00:48

Instrument :

MSVOA_N

ClientSampleId :

MW-15DL

Tgt Ion: 91 Resp: 197892

Ion Ratio Lower Upper

91 100

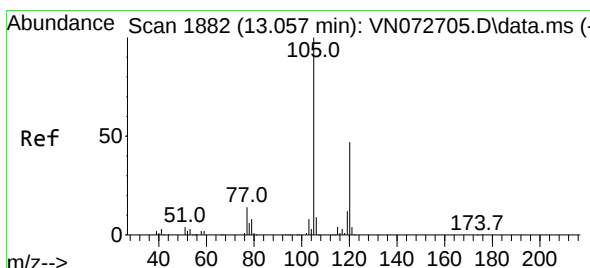
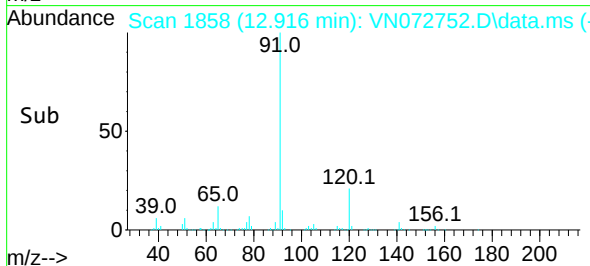
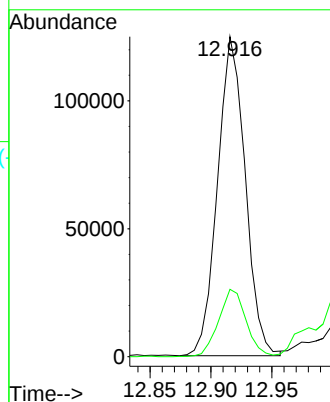
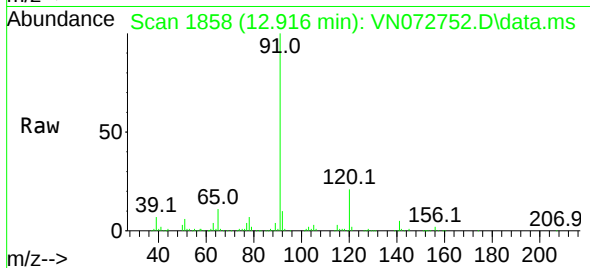
120 20.9 11.9 35.5

Manual Integrations

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Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#80

1,3,5-Trimethylbenzene

Concen: 22.074 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. -0.000 min

Lab File: VN072752.D

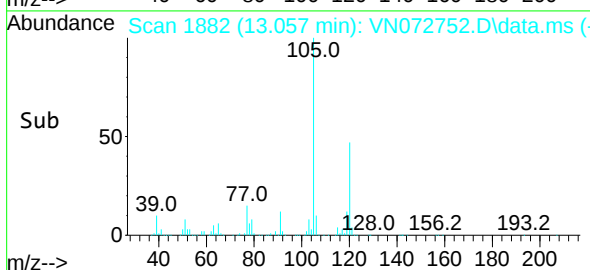
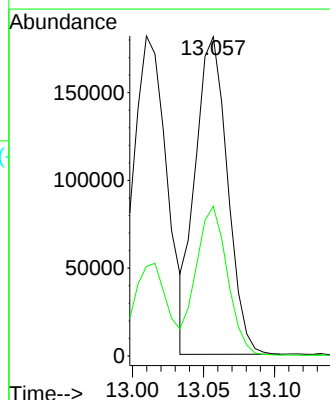
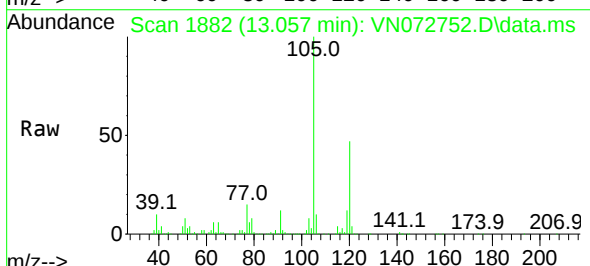
Acq: 10 Jun 2022 00:48

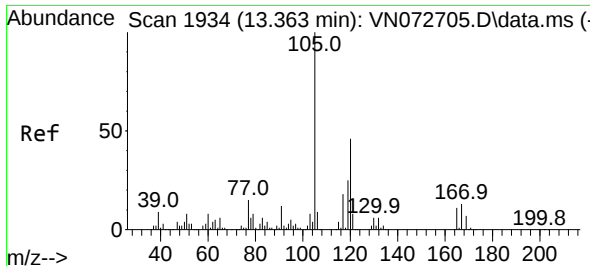
Tgt Ion:105 Resp: 285116

Ion Ratio Lower Upper

105 100

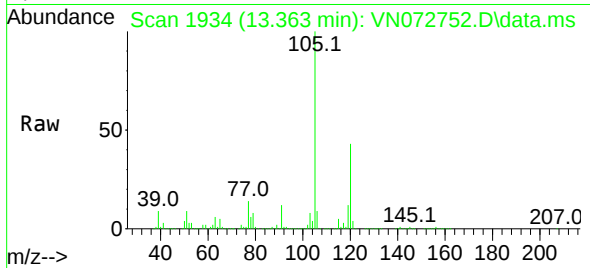
120 45.9 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 104.665 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48

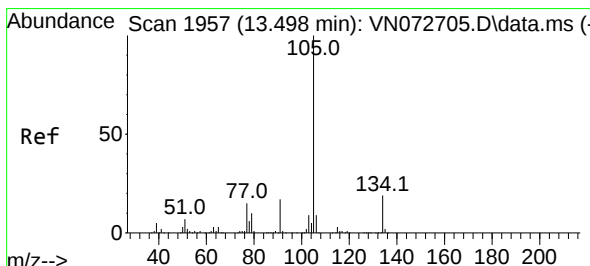
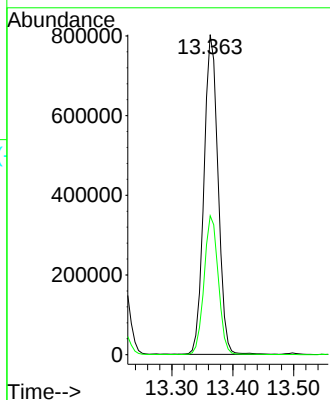
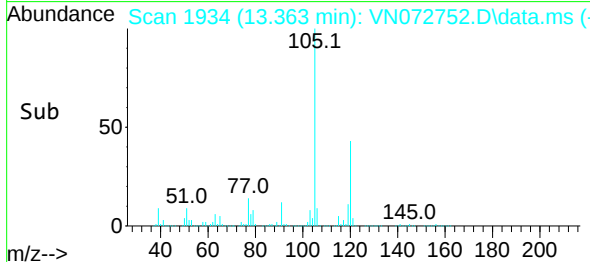
Instrument :
MSVOA_N
ClientSampleId :
MW-15DL



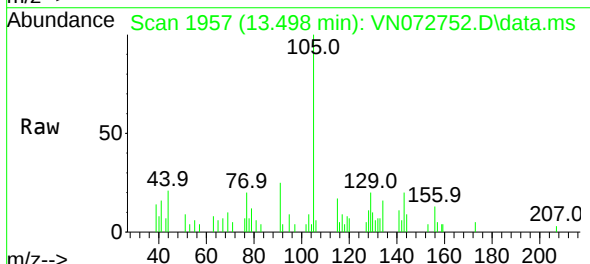
Tgt Ion:105 Resp: 129353
Ion Ratio Lower Upper
105 100
120 43.6 23.3 69.8

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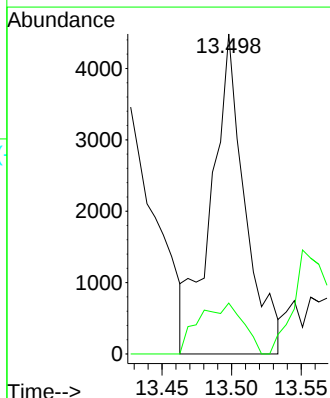
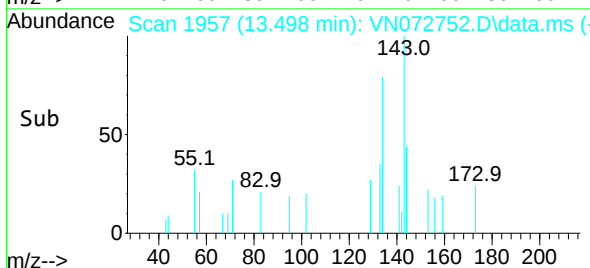
Reviewed By :John Carlone 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

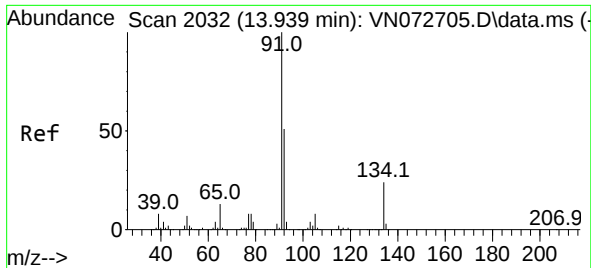


#85
sec-Butylbenzene
Concen: 0.492 ug/l m
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072752.D
Acq: 10 Jun 2022 00:48



Tgt Ion:105 Resp: 7534
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#89

n-Butylbenzene

Concen: 0.438 ug/l

RT: 13.933 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VN072752.D

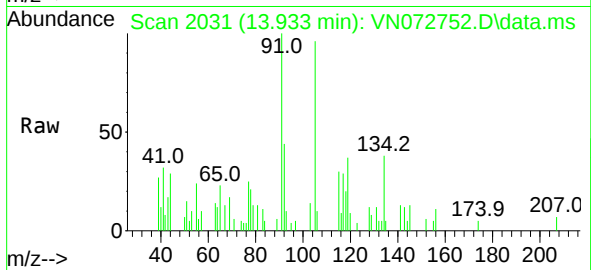
Acq: 10 Jun 2022 00:48

Instrument :

MSVOA_N

ClientSampleId :

MW-15DL



Tgt Ion: 91 Resp: 444

Ion Ratio Lower Upper

91 100

92 61.8 26.9 80.7

134 0.0 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022

