

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021031.D
 Acq On : 02 Dec 2021 07:53
 Operator : SY/VA
 Sample : M4881-19
 Misc : 4.88g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/03/2021
 Supervised By : Amit Patel 12/07/2021

Quant Time: Dec 03 00:23:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 07:10:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	54354	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	19376	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	2492	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	19217	30.480	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.920%			
7) Chloroethane-d5	2.885	69	14491	35.637	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 142.560%			
11) 1,1-Dichloroethene-d2	4.019	63	20845	17.088	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.360%			
21) 2-Butanone-d5	7.080	46	9391	59.676	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.360%			
24) Chloroform-d	7.647	84	42079	30.725	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 122.880%			
26) 1,2-Dichloroethane-d4	8.305	65	19218	27.646	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.600%			
32) Benzene-d6	8.275	84	65539	64.178	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 256.720%#			
36) 1,2-Dichloropropane-d6	9.274	67	21984	75.598	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 302.400%#			
41) Toluene-d8	10.323	98	37518	37.015	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 148.040%#			
43) trans-1,3-Dichloroprop...	10.579	79	3114	22.655	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.640%			
47) 2-Hexanone-d5	10.926	63	4927	102.157	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 204.320%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	9863	44.275	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 177.080%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	2361	26.582	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.320%			
Target Compounds						
13) Acetone	4.135	43	1653m	11.765	ug/L	
16) Methylene chloride	4.921	84	4511m	5.951	ug/L	
27) 1,2-Dichloroethane	8.403	62	3910	4.858	ug/L	# 93
29) Cyclohexane	7.951	56	547m	1.266	ug/L	
34) Trichloroethene	9.091	95	8374	27.290	ug/L	92
35) Methylcyclohexane	9.335	83	1857	3.671	ug/L	# 67
40) 4-Methyl-2-pentanone	10.213	43	396	2.606	ug/L	# 86
42) Toluene	10.390	91	8509	6.896	ug/L	90
46) Tetrachloroethene	10.859	164	13107	46.521	ug/L	98
52) Ethylbenzene	11.731	91	6446	4.714	ug/L	94
53) m,p-Xylene	11.835	106	9417	16.868	ug/L	98
54) o-Xylene	12.164	106	2929	5.463	ug/L	84
60) Isopropylbenzene	12.457	105	317	0.934	ug/L	# 54
62) 1,3,5-Trimethylbenzene	12.938	105	314	1.097	ug/L	90
63) 1,2,4-Trimethylbenzene	13.249	105	872	3.087	ug/L	87

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

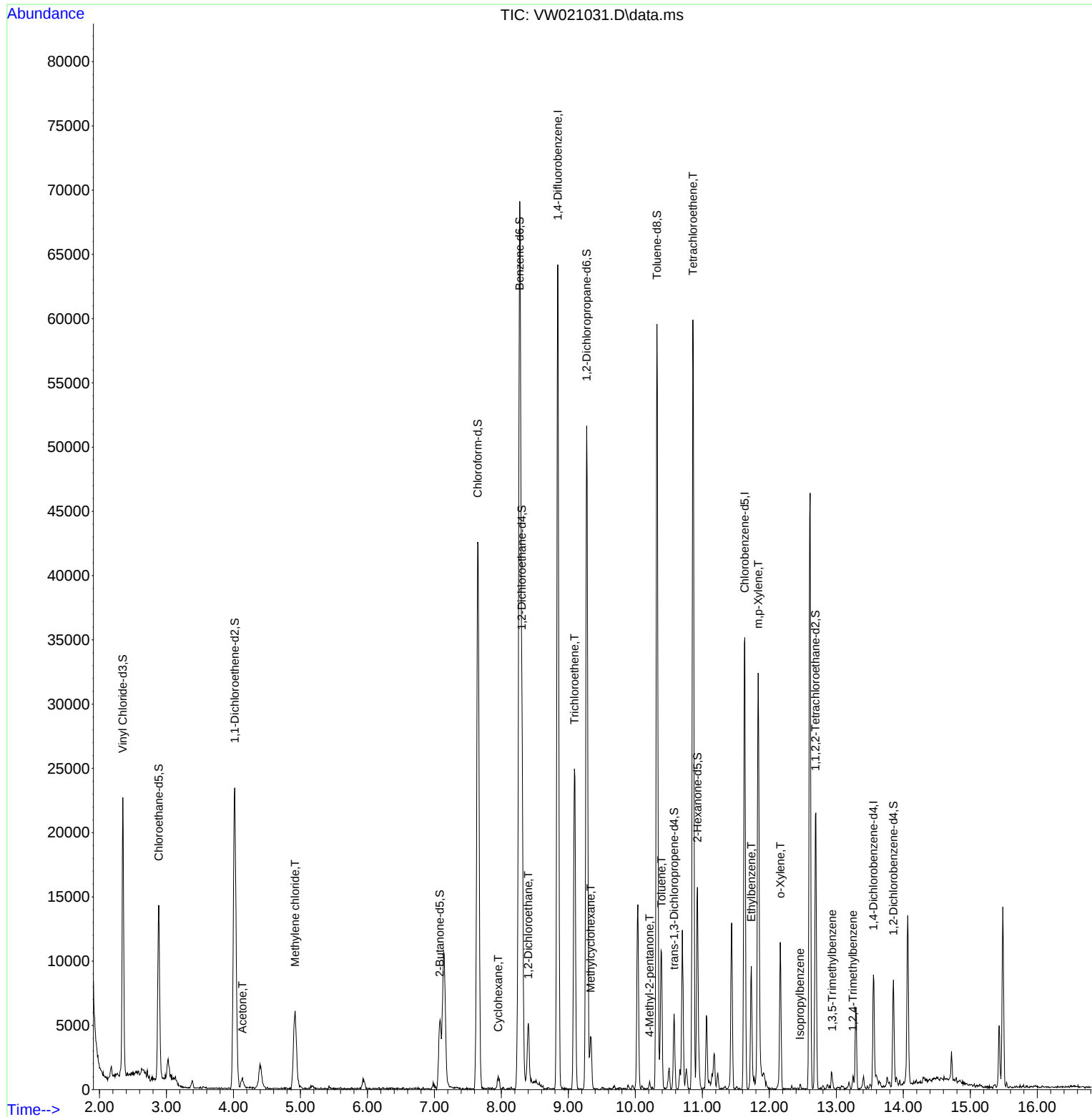
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
Data File : VW021031.D
Acq On : 02 Dec 2021 07:53
Operator : SY/VA
Sample : M4881-19
Misc : 4.88g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

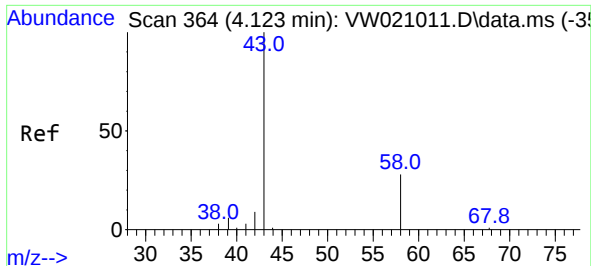
Instrument :
MSVOA_W
ClientSampleId :
EW9F5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021

Quant Time: Dec 03 00:23:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 02 07:10:34 2021
Response via : Initial Calibration





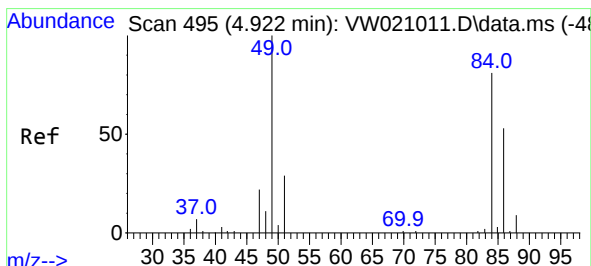
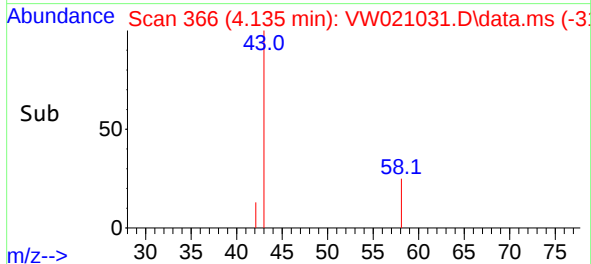
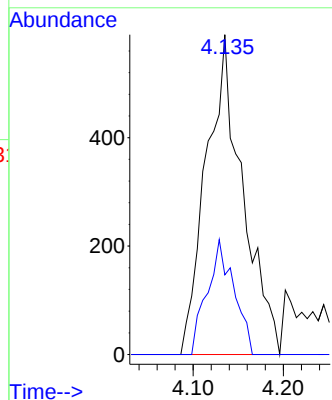
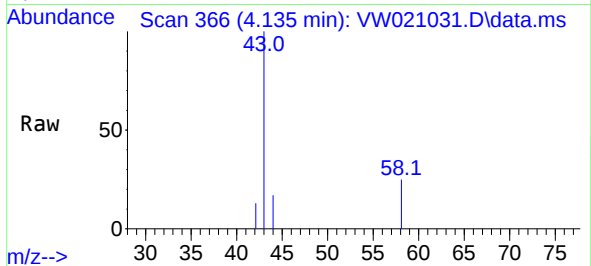
#13
Acetone
Concen: 11.765 ug/L m
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW021031.D
Acq: 02 Dec 2021 07:53

Instrument :
MSVOA_W
ClientSampleId :
EW9F5

Tgt Ion: 43 Resp: 165
Ion Ratio Lower Upper
43 100
58 26.4 0.0 52.8

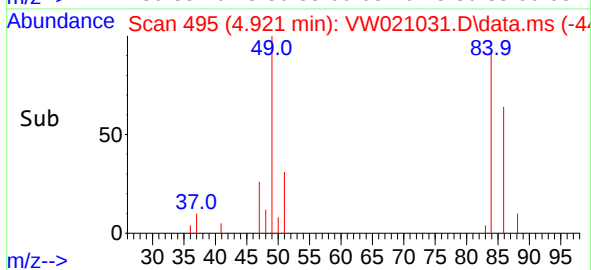
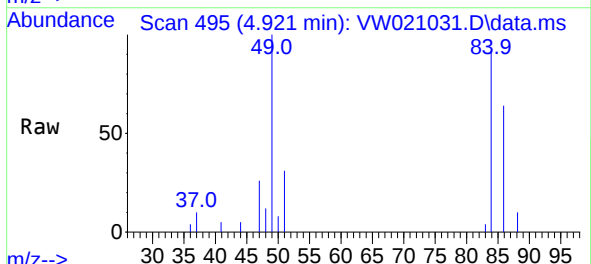
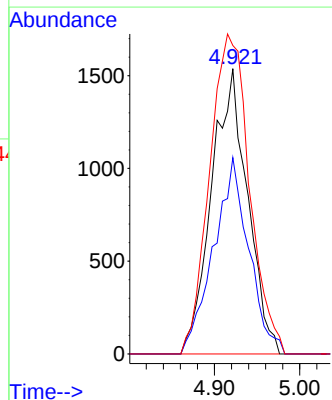
Manual Integrations
APPROVED

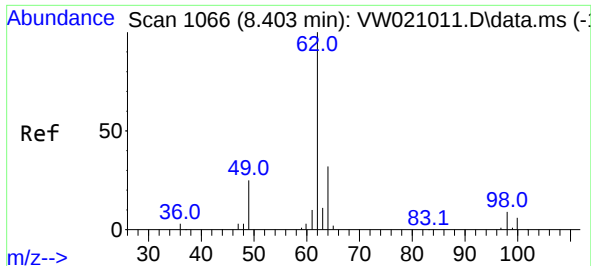
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#16
Methylene chloride
Concen: 5.951 ug/L m
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW021031.D
Acq: 02 Dec 2021 07:53

Tgt Ion: 84 Resp: 4511
Ion Ratio Lower Upper
84 100
86 68.8 45.5 84.5
49 108.1 100.5 186.7





#27

1,2-Dichloroethane

Concen: 4.858 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021031.D

Acq: 02 Dec 2021 07:53

Instrument :

MSVOA_W

ClientSampleId :

EW9F5

Tgt Ion: 62 Resp: 3910

Ion Ratio Lower Upper

62 100

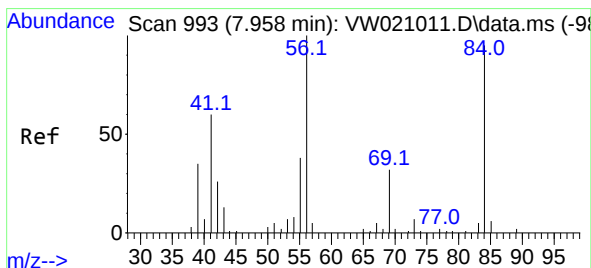
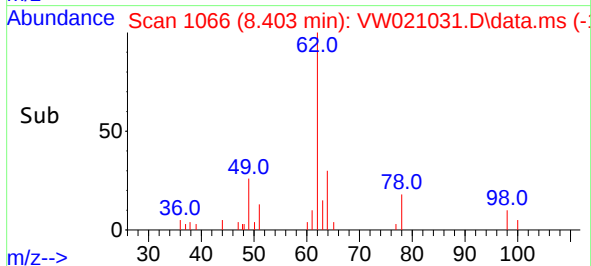
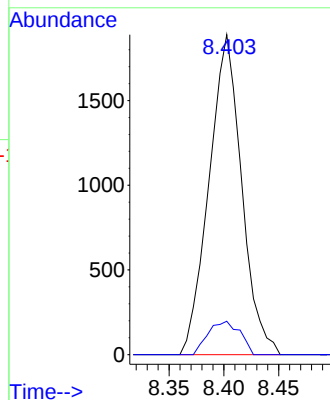
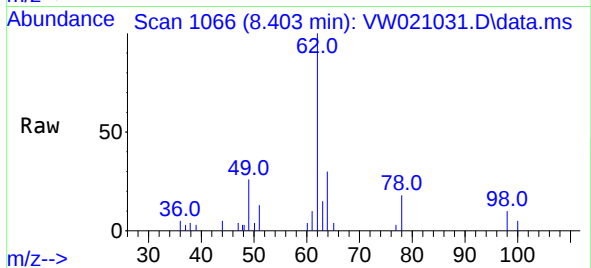
98 10.4 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2021

Supervised By :Amit Patel 12/07/2021



#29

Cyclohexane

Concen: 1.266 ug/L m

RT: 7.951 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW021031.D

Acq: 02 Dec 2021 07:53

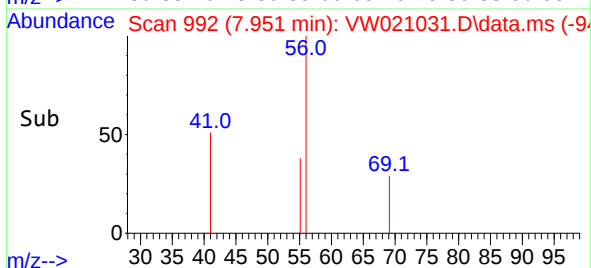
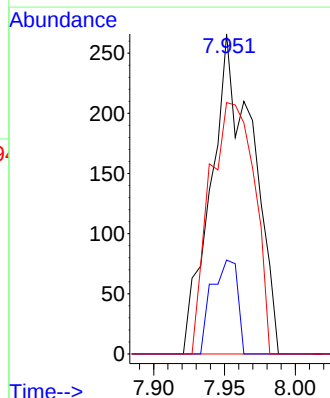
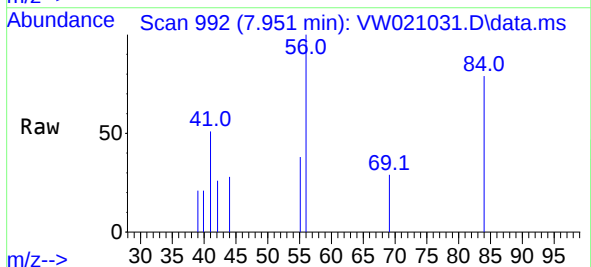
Tgt Ion: 56 Resp: 547

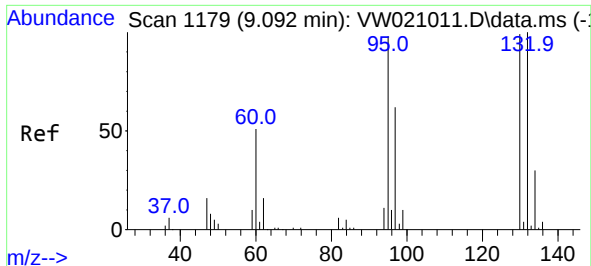
Ion Ratio Lower Upper

56 100

69 0.0 23.5 35.3#

84 0.0 63.4 95.2#





#34

Trichloroethene

Concen: 27.290 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021031.D

Acq: 02 Dec 2021 07:53

Instrument :

MSVOA_W

ClientSampleId :

EW9F5

Tgt Ion: 95 Resp: 8374

Ion Ratio Lower Upper

95 100

97 63.0 47.0 87.2

132 108.9 65.5 121.6

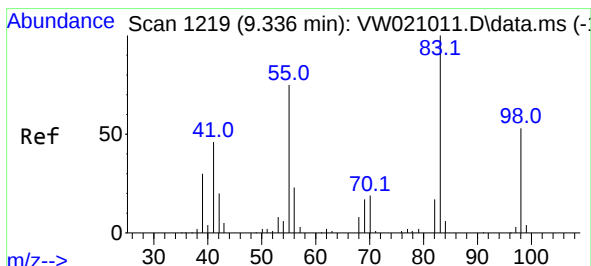
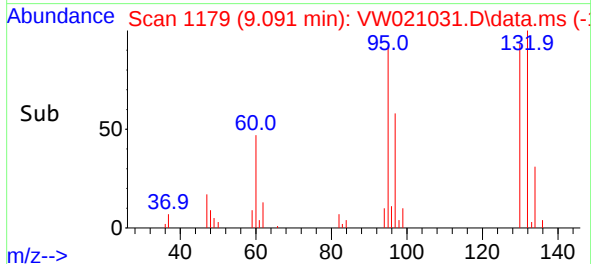
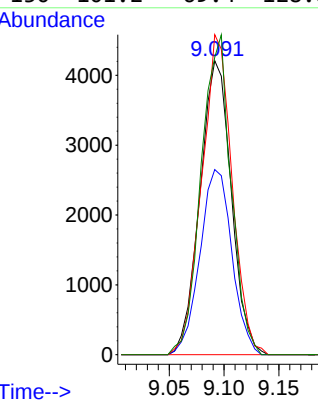
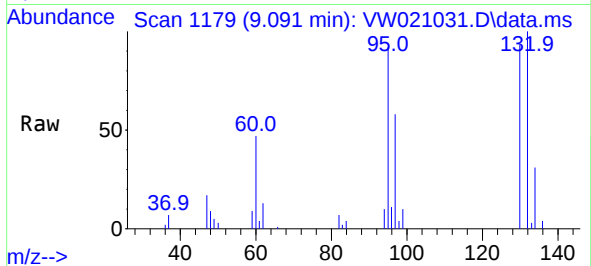
130 101.2 69.4 128.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2021

Supervised By :Amit Patel 12/07/2021



#35

Methylcyclohexane

Concen: 3.671 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021031.D

Acq: 02 Dec 2021 07:53

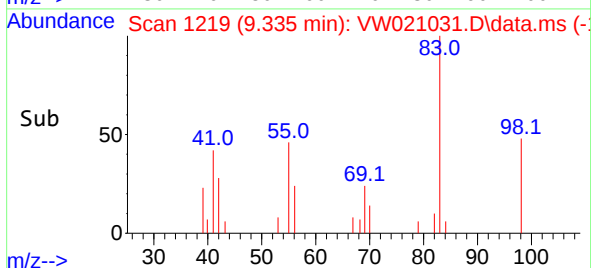
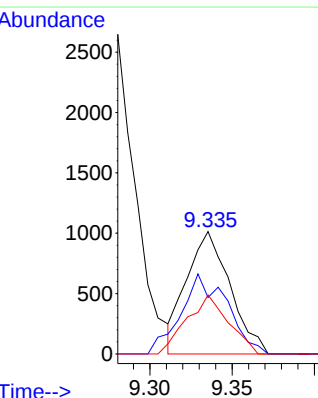
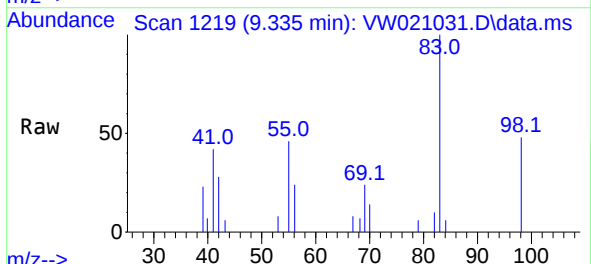
Tgt Ion: 83 Resp: 1857

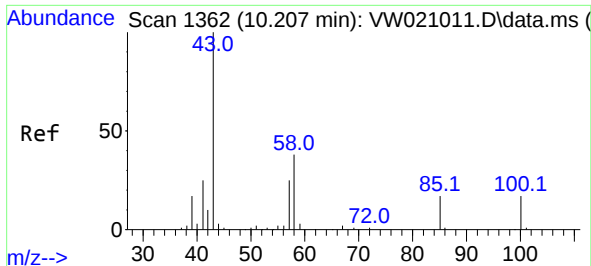
Ion Ratio Lower Upper

83 100

55 42.4 70.8 106.2#

98 46.3 37.7 56.5





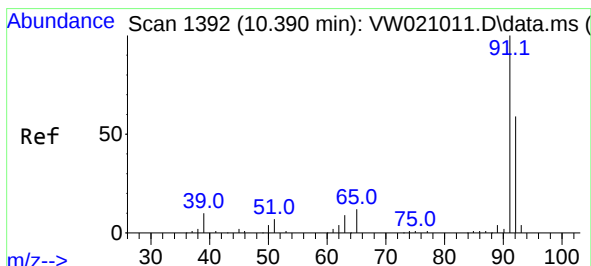
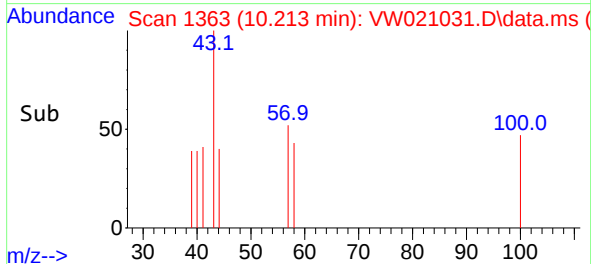
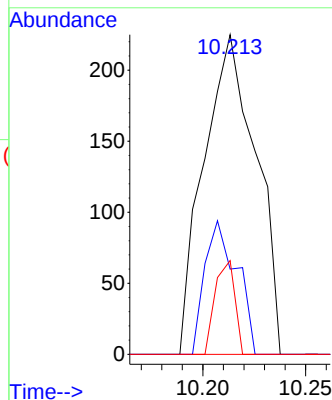
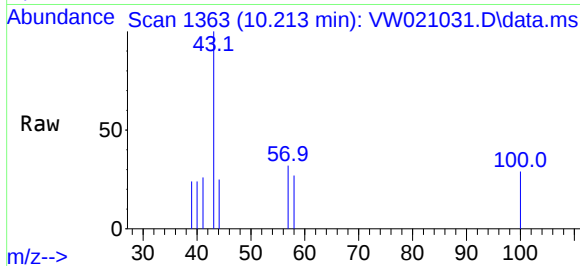
#40
4-Methyl-2-pentanone
Concen: 2.606 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW021031.D
Acq: 02 Dec 2021 07:53

Instrument :
MSVOA_W
ClientSampleId :
EW9F5

Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
58 25.8 28.8 43.2
100 11.1 10.0 15.0

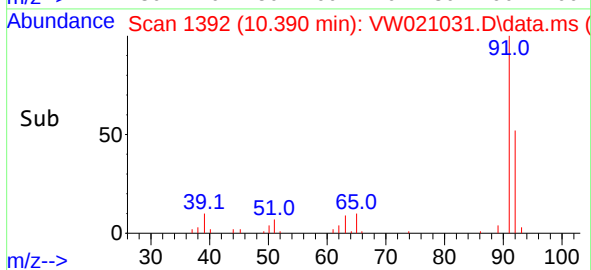
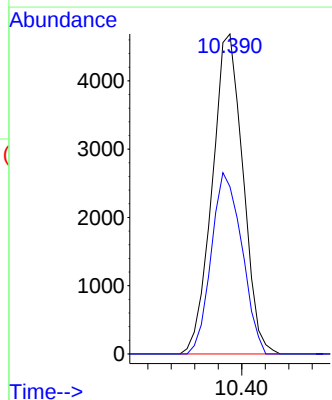
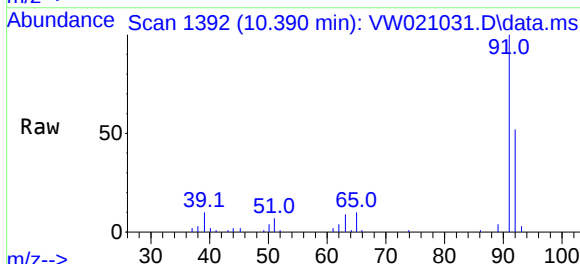
Manual Integrations
APPROVED

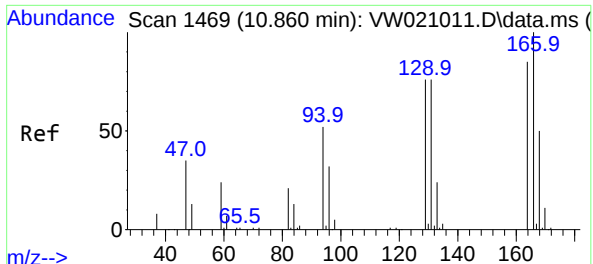
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#42
Toluene
Concen: 6.896 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021031.D
Acq: 02 Dec 2021 07:53

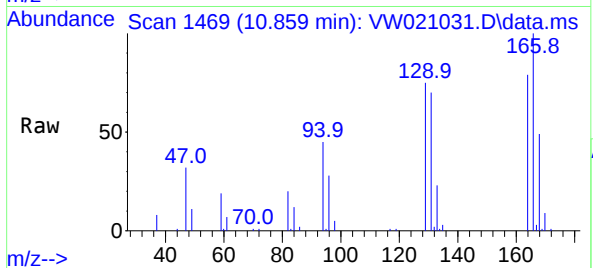
Tgt Ion: 91 Resp: 8509
Ion Ratio Lower Upper
91 100
92 52.3 41.7 77.5





#46
Tetrachloroethene
Concen: 46.521 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021031.D
Acq: 02 Dec 2021 07:53

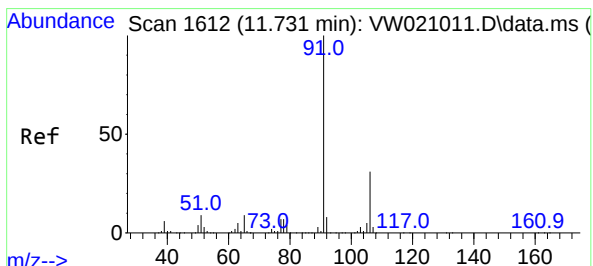
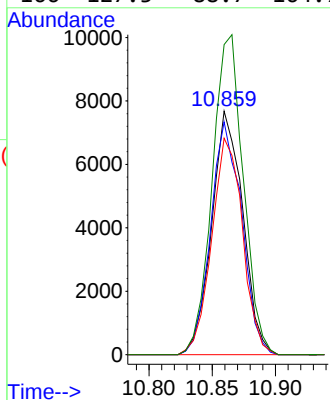
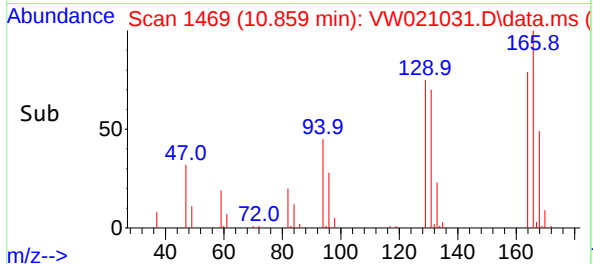
Instrument :
MSVOA_W
ClientSampleId :
EW9F5



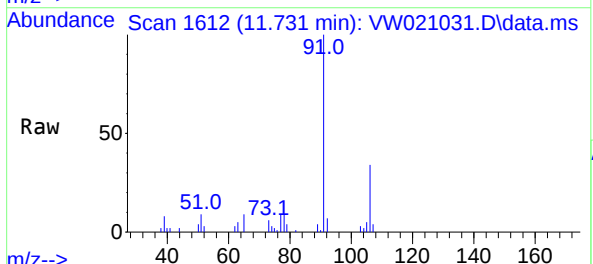
Tgt Ion:164 Resp: 1310
Ion Ratio Lower Upper
164 100
129 95.6 65.5 121.7
131 88.9 59.7 110.9
166 127.3 88.7 164.7

Manual Integrations
APPROVED

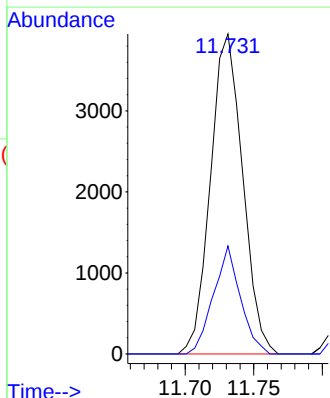
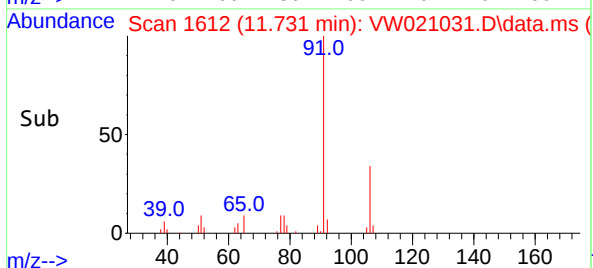
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021

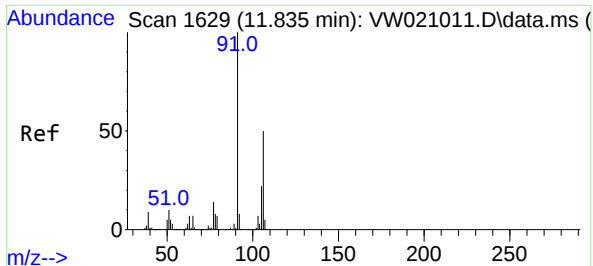


#52
Ethylbenzene
Concen: 4.714 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021031.D
Acq: 02 Dec 2021 07:53



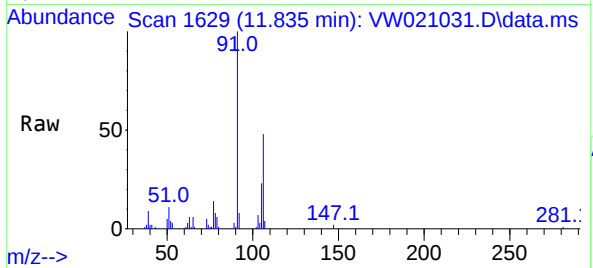
Tgt Ion: 91 Resp: 6446
Ion Ratio Lower Upper
91 100
106 33.7 21.5 39.9





#53
m,p-Xylene
Concen: 16.868 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021031.D
Acq: 02 Dec 2021 07:53

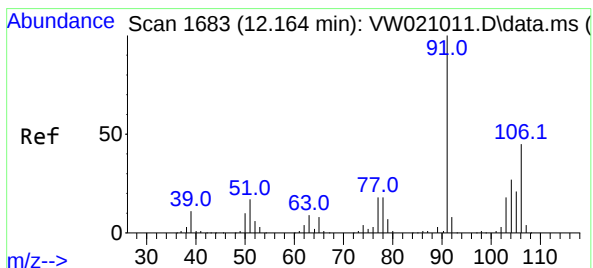
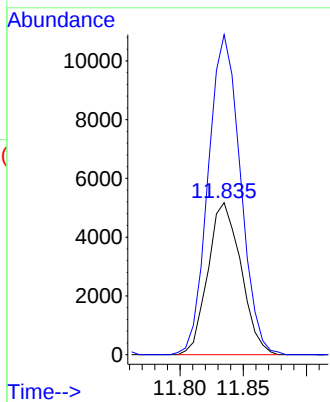
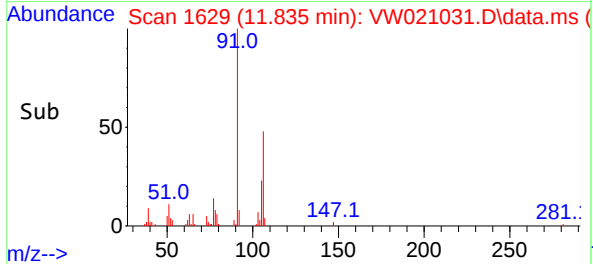
Instrument :
MSVOA_W
ClientSampleId :
EW9F5



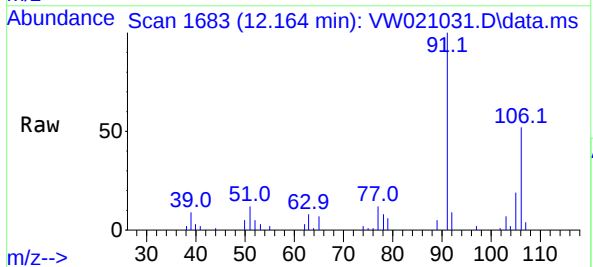
Tgt Ion:106 Resp: 941
Ion Ratio Lower Upper
106 100
91 210.5 149.9 278.3

Manual Integrations
APPROVED

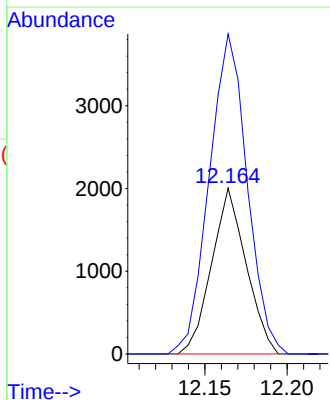
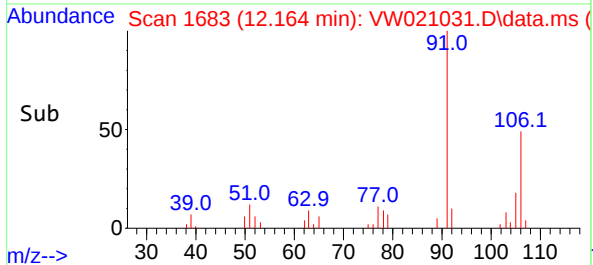
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021

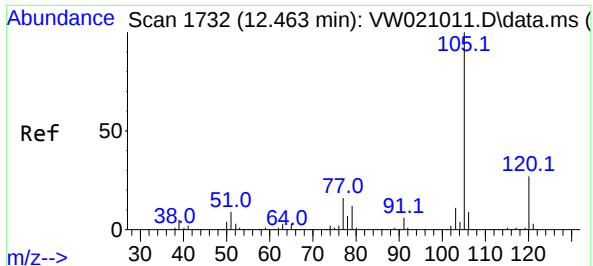


#54
o-Xylene
Concen: 5.463 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021031.D
Acq: 02 Dec 2021 07:53



Tgt Ion:106 Resp: 2929
Ion Ratio Lower Upper
106 100
91 193.0 153.6 285.3





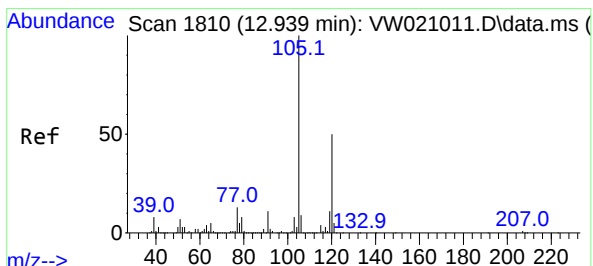
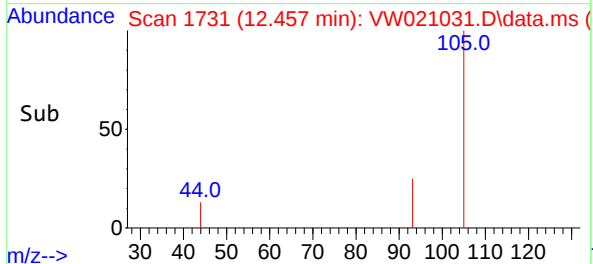
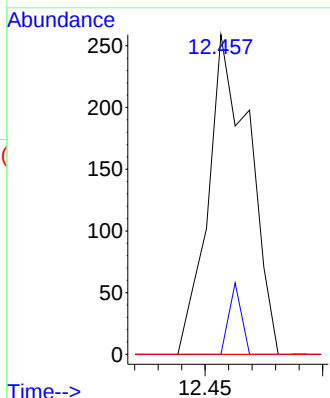
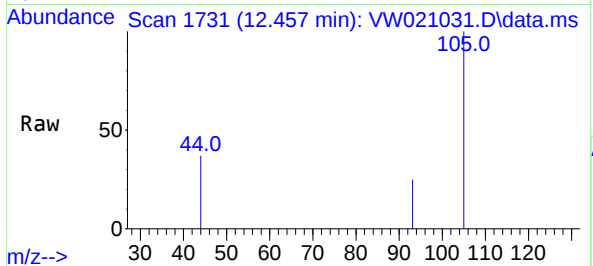
#60
Isopropylbenzene
Concen: 0.934 ug/L
RT: 12.457 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VW021031.D
Acq: 02 Dec 2021 07:53

Instrument :
MSVOA_W
ClientSampleId :
EW9F5

Tgt Ion:	105	Resp:	31
Ion Ratio	Lower	Upper	
105	100		
120	0.0	20.1	30.1
77	0.0	13.8	20.8

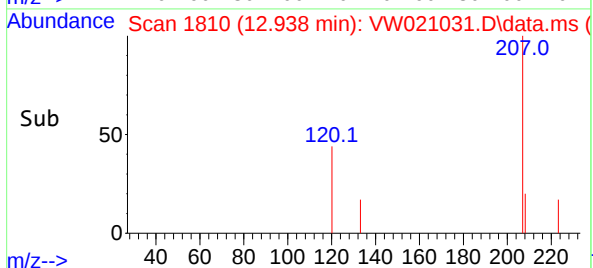
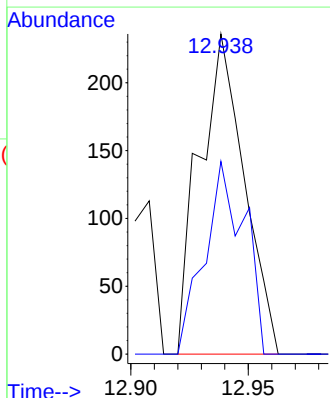
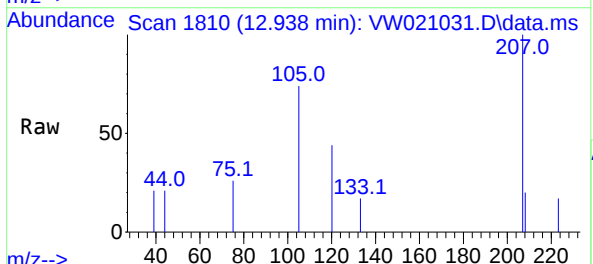
Manual Integrations
APPROVED

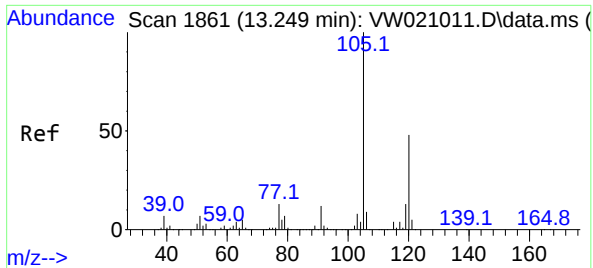
Reviewed By :Semsettin Yesilyurt 12/03/2021
Supervised By :Amit Patel 12/07/2021



#62
1,3,5-Trimethylbenzene
Concen: 1.097 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021031.D
Acq: 02 Dec 2021 07:53

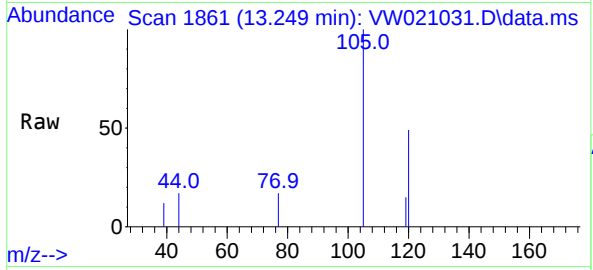
Tgt Ion:	105	Resp:	314
Ion Ratio	Lower	Upper	
105	100		
120	53.5	37.4	56.2





#63
 1,2,4-Trimethylbenzene
 Concen: 3.087 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021031.D
 Acq: 02 Dec 2021 07:53

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F5



Tgt Ion:105 Resp: 872
 Ion Ratio Lower Upper
 105 100
 120 35.1 35.0 52.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/03/2021
 Supervised By :Amit Patel 12/07/2021

