

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021133.D
 Acq On : 04 Dec 2021 21:16
 Operator : SY/VA
 Sample : M4885-22
 Misc : 4.86g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9M7

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/07/2021
 Supervised By : Mahesh Dadoda 12/08/2021

Quant Time: Dec 06 00:51:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	94881	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	64603	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	21222	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45319	34.282	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 137.120%			
7) Chloroethane-d5	2.885	69	30022	33.926	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 135.720%			
11) 1,1-Dichloroethene-d2	4.013	63	47907	22.685	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.720%			
21) 2-Butanone-d5	7.079	46	21055	69.827	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139.660%#			
24) Chloroform-d	7.652	84	69407	29.210	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 116.840%			
26) 1,2-Dichloroethane-d4	8.305	65	38901	29.925	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 119.720%			
32) Benzene-d6	8.274	84	135467	41.011	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 164.040%#			
36) 1,2-Dichloropropane-d6	9.274	67	37487	40.838	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 163.360%#			
41) Toluene-d8	10.323	98	113591	33.537	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 134.160%#			
43) trans-1,3-Dichloroprop...	10.579	79	11875	28.490	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 113.960%			
47) 2-Hexanone-d5	10.926	63	14887	84.764	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 169.520%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	22120	26.047	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.200%			
66) 1,2-Dichlorobenzene-d4	13.853	152	18026	23.706	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.840%			
Target Compounds						Qvalue
13) Acetone	4.123	43	3941	14.348	ug/L	94
20) cis-1,2-Dichloroethene	7.159	96	2153m	1.548	ug/L	
27) 1,2-Dichloroethane	8.402	62	2982	1.953	ug/L	97
33) Benzene	8.323	78	108088	29.422	ug/L	100
34) Trichloroethene	9.091	95	291584	287.693	ug/L	98
35) Methylcyclohexane	9.335	83	1099	0.644	ug/L #	86
42) Toluene	10.390	91	120537	28.726	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	8025	11.528	ug/L	92
46) Tetrachloroethene	10.859	164	51061	55.018	ug/L	90
52) Ethylbenzene	11.731	91	36411	7.708	ug/L	99
53) m,p-Xylene	11.835	106	136966	70.089	ug/L	88
54) o-Xylene	12.164	106	61654	33.463	ug/L	95
55) Styrene	12.176	104	128406	40.905	ug/L	95
60) Isopropylbenzene	12.463	105	4864	1.649	ug/L #	86
62) 1,3,5-Trimethylbenzene	12.944	105	655984	265.590	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	665389	267.857	ug/L	99

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

Instrument :

MSVOA_W

ClientSampleId :

EW9M7

Manual Integrations

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Supervised By :Mahesh Dadoda 12/08/2021

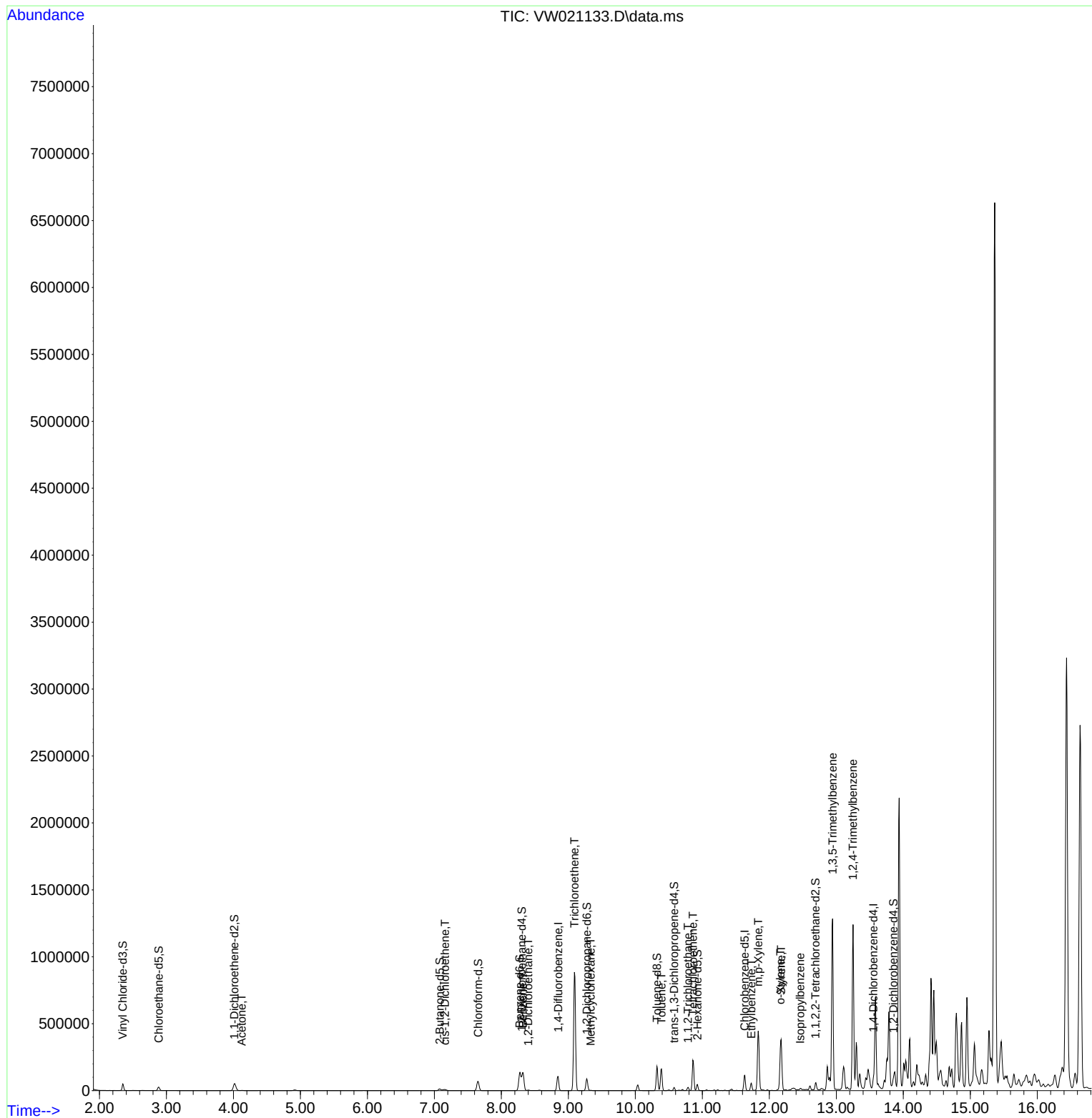
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021133.D
Acq On : 04 Dec 2021 21:16
Operator : SY/VA
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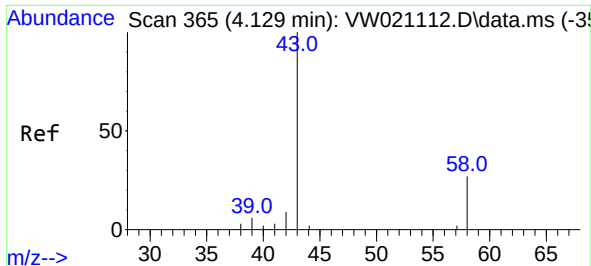
Instrument :
MSVOA_W
ClientSampleId :
EW9M7

Manual Integrations
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Quant Time: Dec 06 00:51:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration





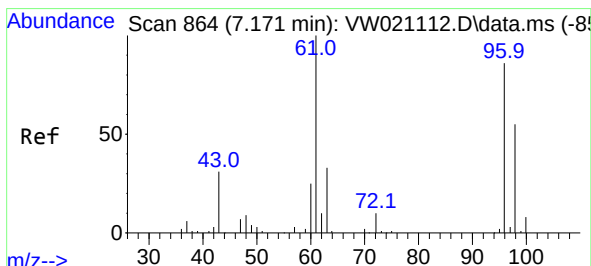
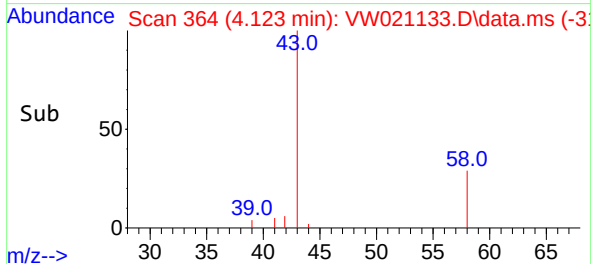
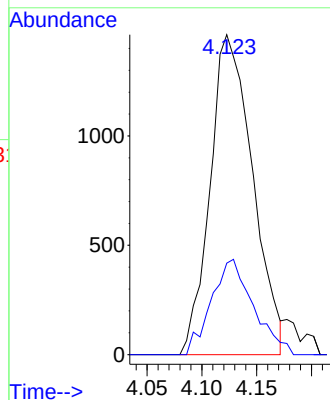
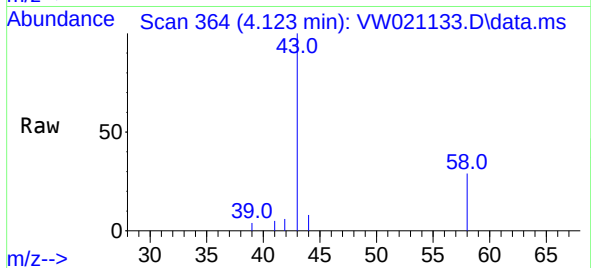
#13
Acetone
Concen: 14.348 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.013 min
Lab File: VW021133.D
Acq: 04 Dec 2021 21:16

Instrument :
MSVOA_W
ClientSampleId :
EW9M7

Tgt Ion: 43 Resp: 394
Ion Ratio Lower Upper
43 100
58 29.4 0.0 52.8

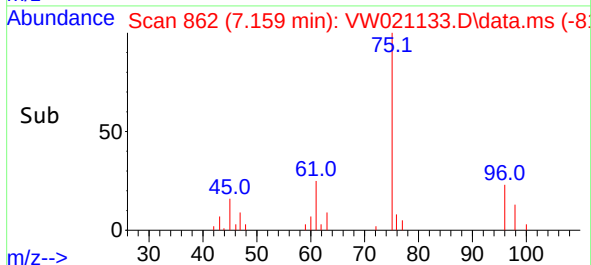
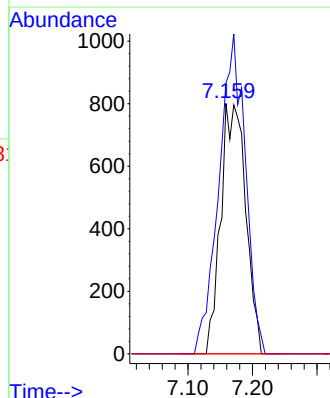
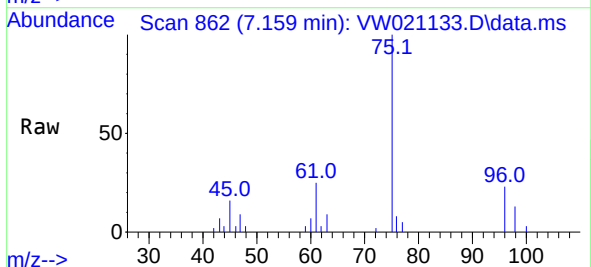
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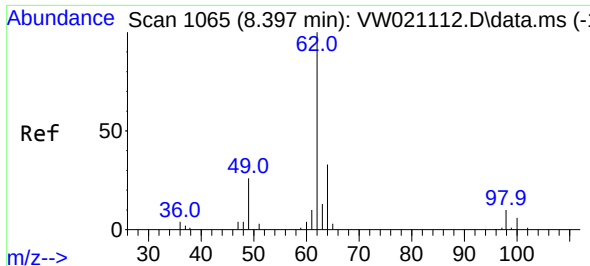
Reviewed By :Semsettin Yesilyurt 12/07/2021
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#20
cis-1,2-Dichloroethene
Concen: 1.548 ug/L m
RT: 7.159 min Scan# 862
Delta R.T. -0.006 min
Lab File: VW021133.D
Acq: 04 Dec 2021 21:16

Tgt Ion: 96 Resp: 2153
Ion Ratio Lower Upper
96 100
61 108.2 103.7 192.7
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 1.953 ug/L

RT: 8.402 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021133.D

Acq: 04 Dec 2021 21:16

Instrument :

MSVOA_W

ClientSampleId :

EW9M7

Tgt Ion: 62 Resp: 298

Ion Ratio Lower Upper

62 100

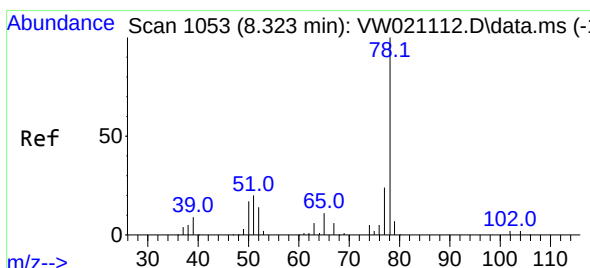
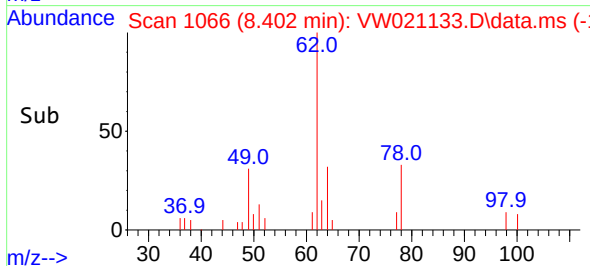
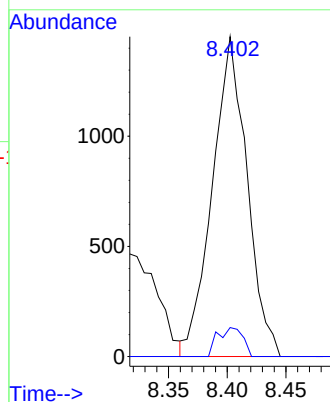
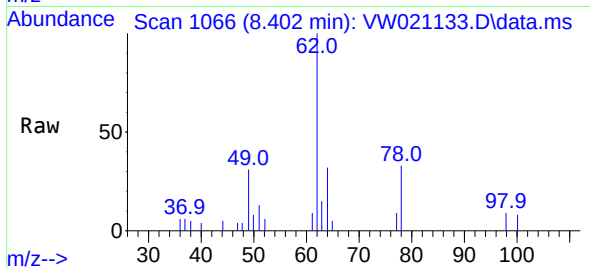
98 9.1 6.5 9.7

Manual Integrations

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#33

Benzene

Concen: 29.422 ug/L

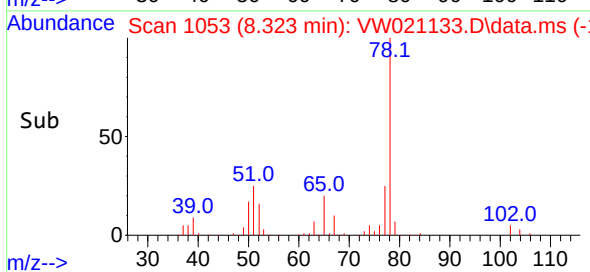
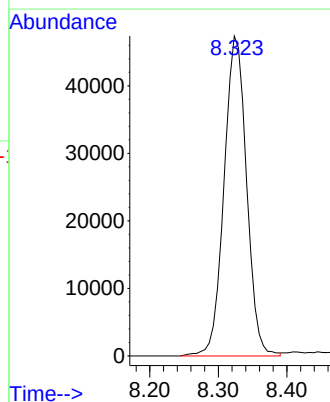
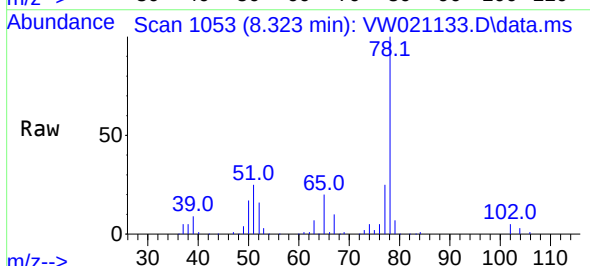
RT: 8.323 min Scan# 1053

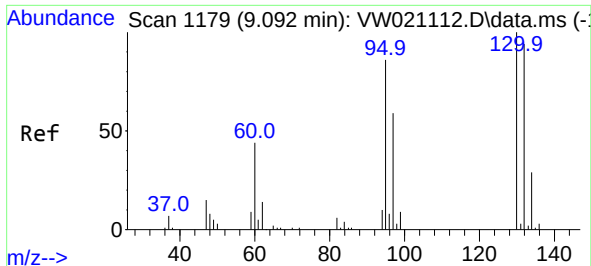
Delta R.T. -0.000 min

Lab File: VW021133.D

Acq: 04 Dec 2021 21:16

Tgt Ion: 78 Resp: 108088





#34

Trichloroethene

Concen: 287.693 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021133.D

Acq: 04 Dec 2021 21:16

Instrument :

MSVOA_W

ClientSampleId :

EW9M7

Tgt Ion: 95 Resp: 291584

Ion Ratio Lower Upper

95 100

97 62.8 47.0 87.2

132 93.7 65.5 121.6

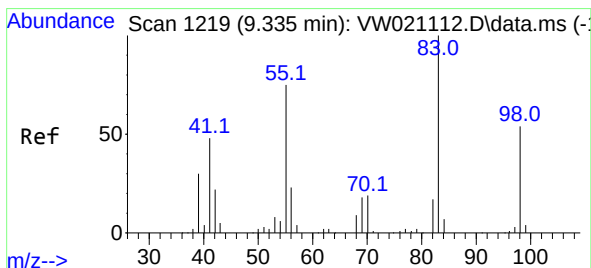
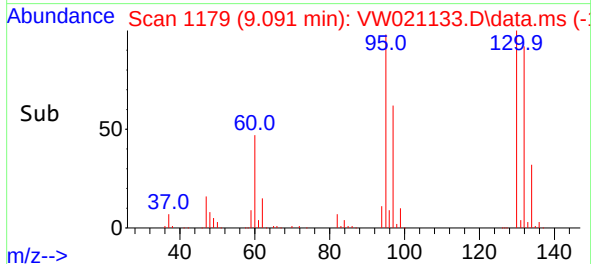
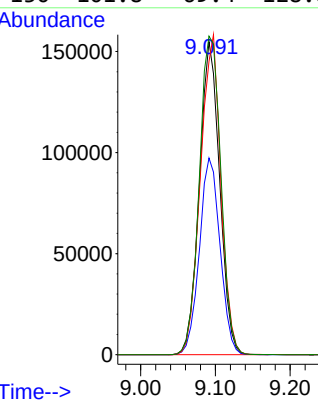
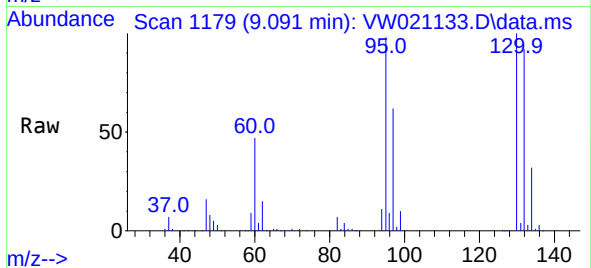
130 101.8 69.4 128.8

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#35

Methylcyclohexane

Concen: 0.644 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021133.D

Acq: 04 Dec 2021 21:16

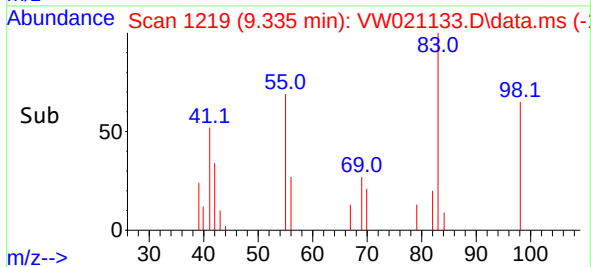
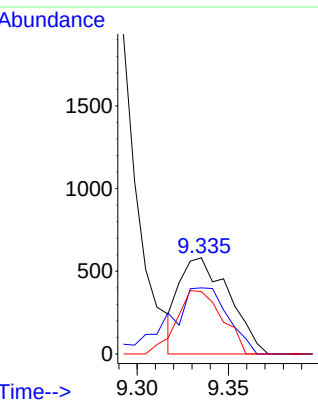
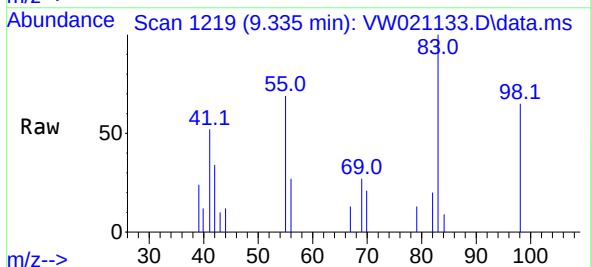
Tgt Ion: 83 Resp: 1099

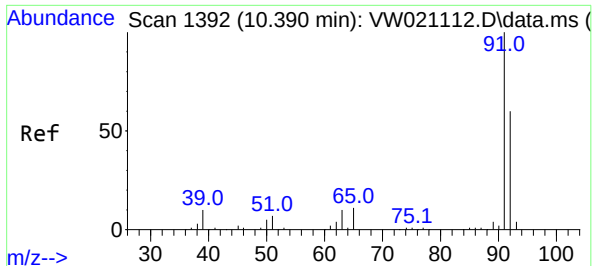
Ion Ratio Lower Upper

83 100

55 78.9 70.8 106.2

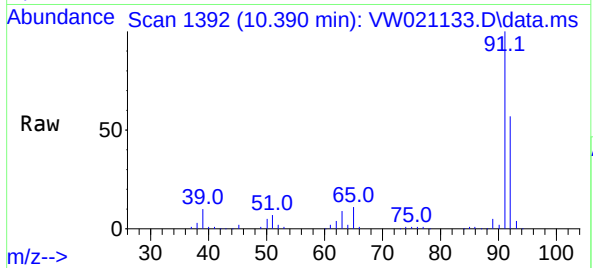
98 60.3 37.7 56.5#





#42
Toluene
Concen: 28.726 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021133.D
Acq: 04 Dec 2021 21:16

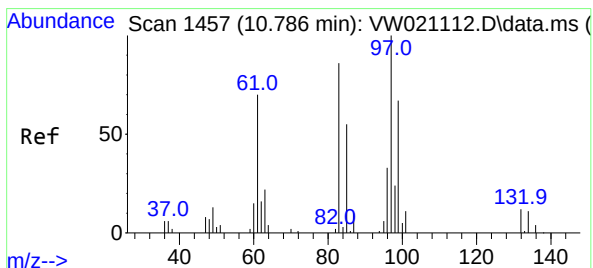
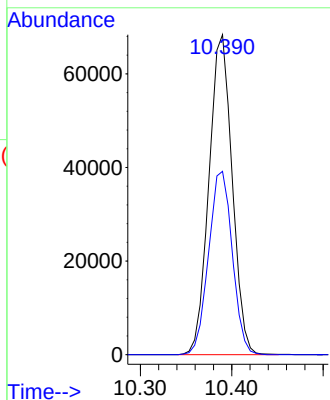
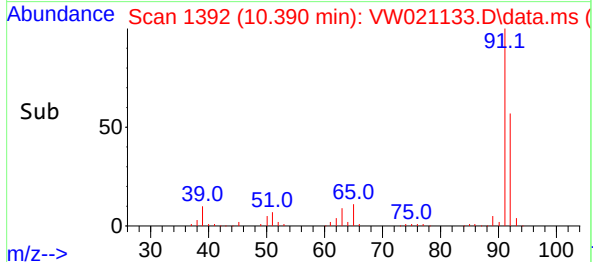
Instrument :
MSVOA_W
ClientSampleId :
EW9M7



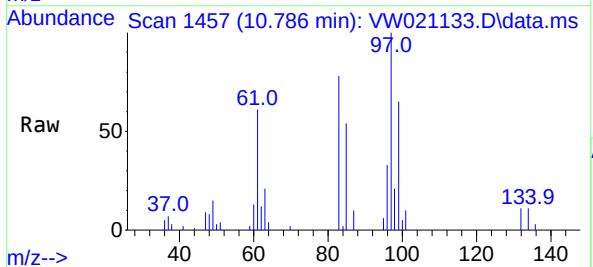
Tgt Ion: 91 Resp: 12053
Ion Ratio Lower Upper
91 100
92 57.3 41.7 77.5

Manual Integrations
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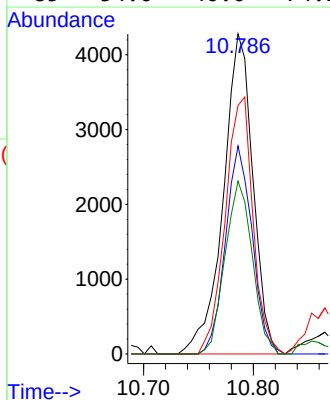
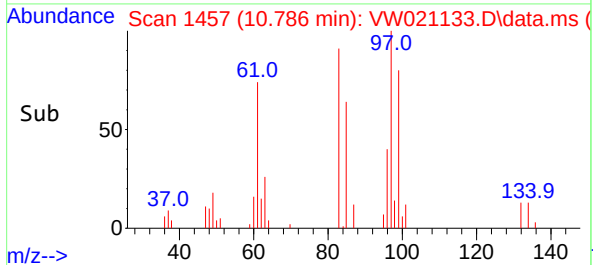
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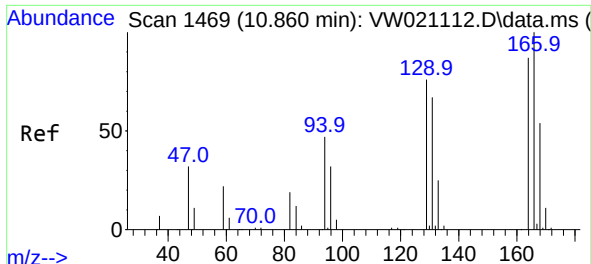


#45
1,1,2-Trichloroethane
Concen: 11.528 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021133.D
Acq: 04 Dec 2021 21:16



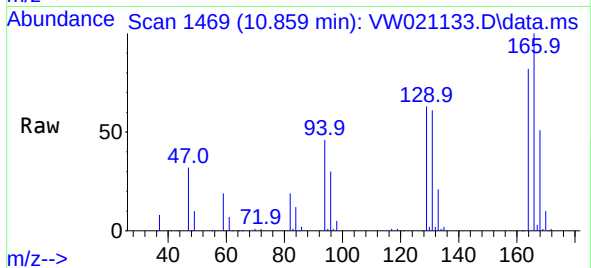
Tgt Ion: 97 Resp: 8025
Ion Ratio Lower Upper
97 100
99 65.0 43.0 79.8
83 77.7 62.6 116.3
85 54.0 40.0 74.2





#46
Tetrachloroethene
Concen: 55.018 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021133.D
Acq: 04 Dec 2021 21:16

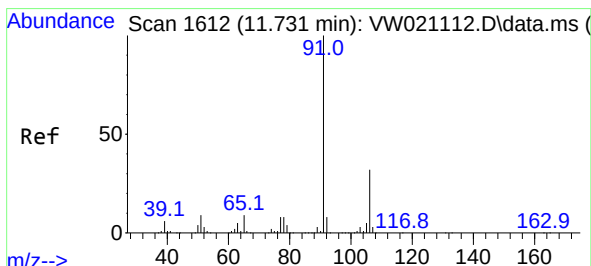
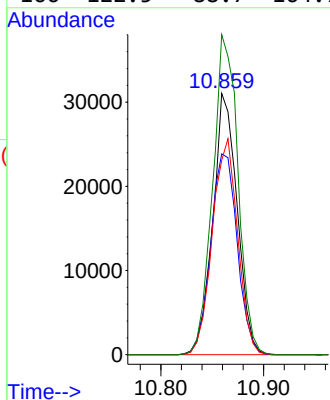
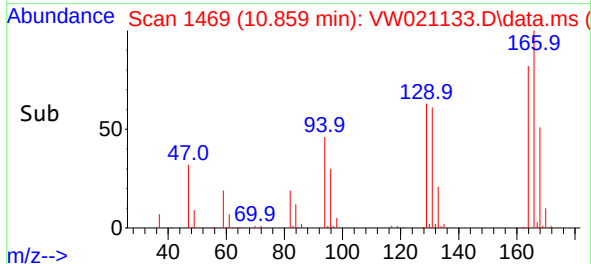
Instrument :
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EW9M7



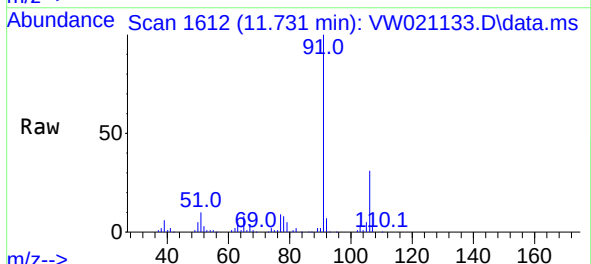
Tgt Ion:164 Resp: 5106
Ion Ratio Lower Upper
164 100
129 76.8 65.5 121.7
131 74.4 59.7 110.9
166 122.5 88.7 164.7

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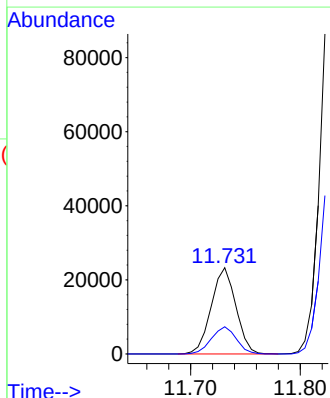
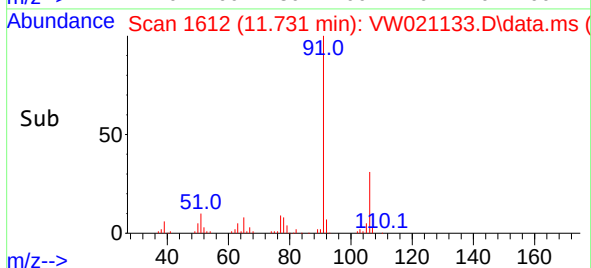
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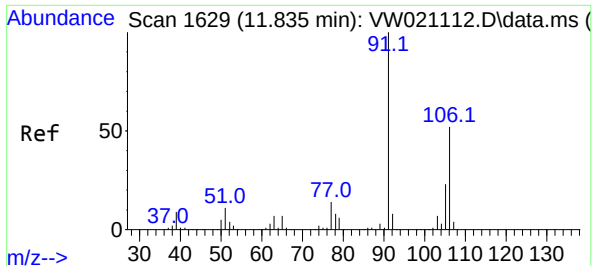


#52
Ethylbenzene
Concen: 7.708 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021133.D
Acq: 04 Dec 2021 21:16



Tgt Ion: 91 Resp: 36411
Ion Ratio Lower Upper
91 100
106 31.5 21.5 39.9





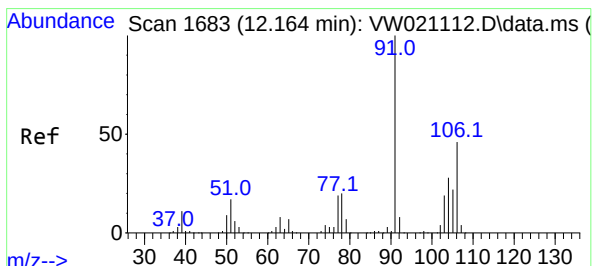
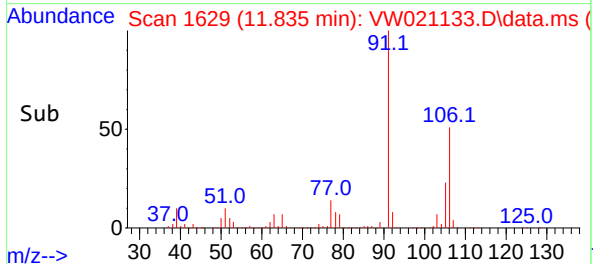
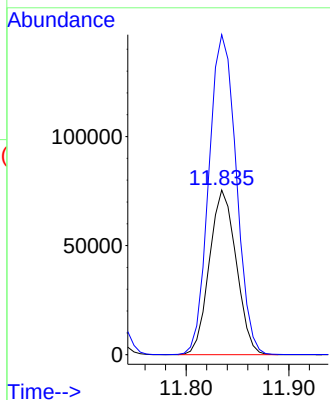
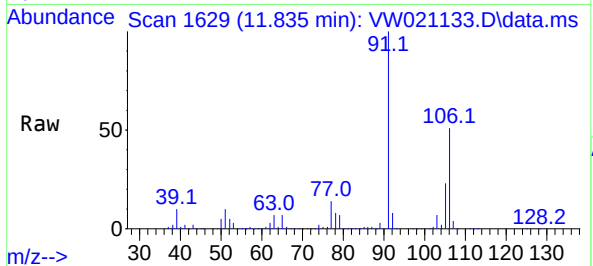
#53
m,p-Xylene
Concen: 70.089 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021133.D
Acq: 04 Dec 2021 21:16

Instrument :
MSVOA_W
ClientSampleId :
EW9M7

Tgt Ion:106 Resp: 136960
Ion Ratio Lower Upper
106 100
91 194.4 149.9 278.3

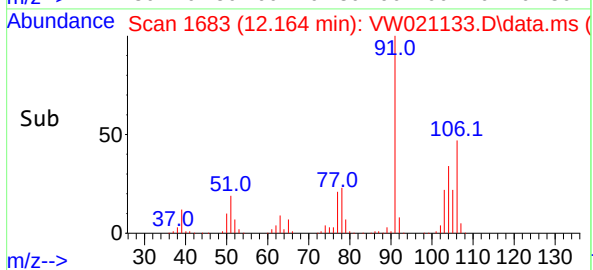
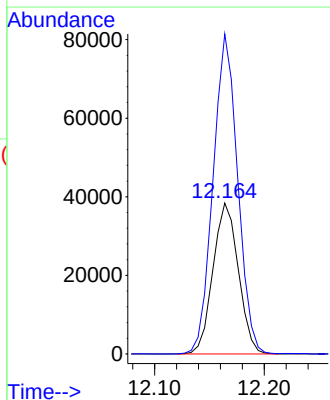
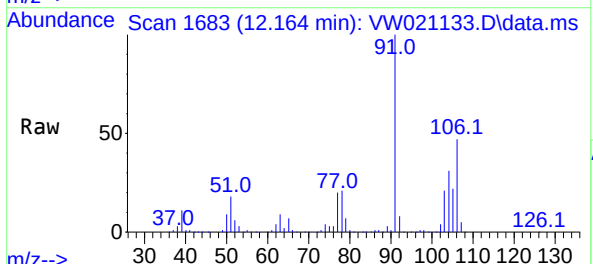
Manual Integrations
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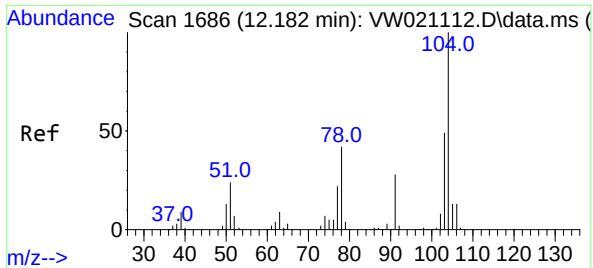
Reviewed By :Semsettin Yesilyurt 12/07/2021
Supervised By :Mahesh Dadoda 12/08/2021



#54
o-Xylene
Concen: 33.463 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021133.D
Acq: 04 Dec 2021 21:16

Tgt Ion:106 Resp: 61654
Ion Ratio Lower Upper
106 100
91 212.2 153.6 285.3





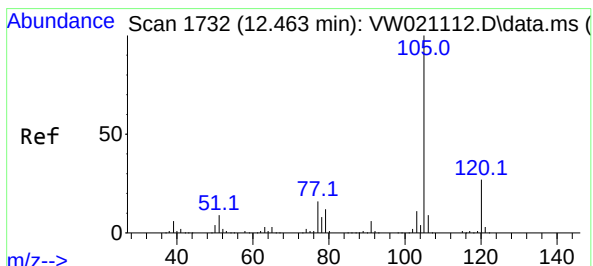
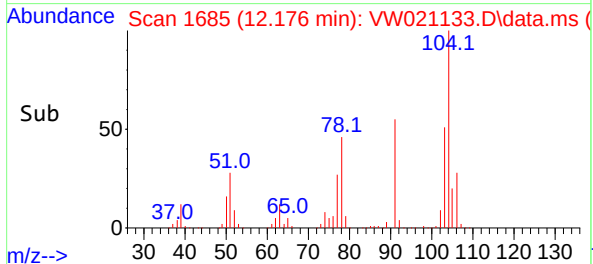
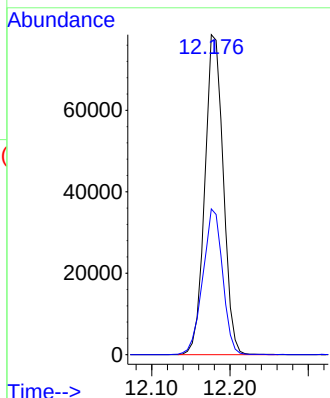
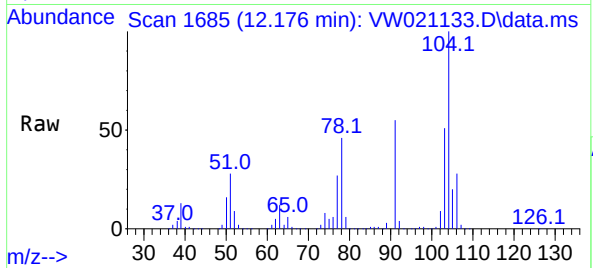
#55
Styrene
Concen: 40.905 ug/L
RT: 12.176 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021133.D
Acq: 04 Dec 2021 21:16

Instrument :
MSVOA_W
ClientSampleId :
EW9M7

Tgt Ion:104 Resp: 128400
Ion Ratio Lower Upper
104 100
78 45.6 34.4 64.0

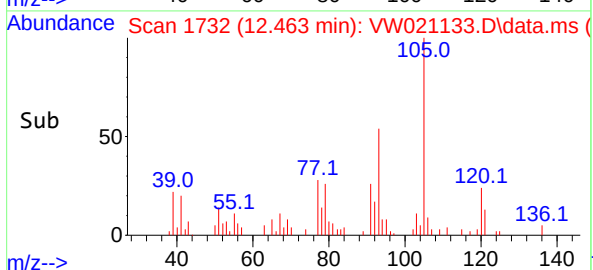
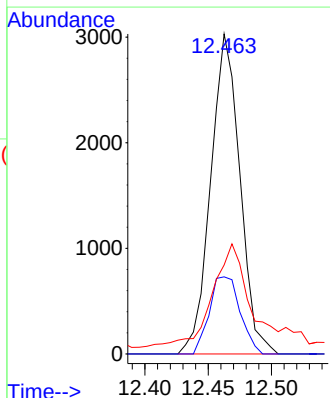
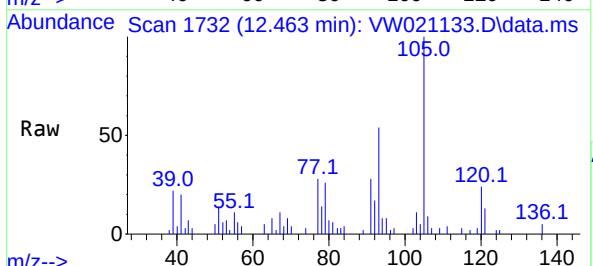
Manual Integrations
APPROVED

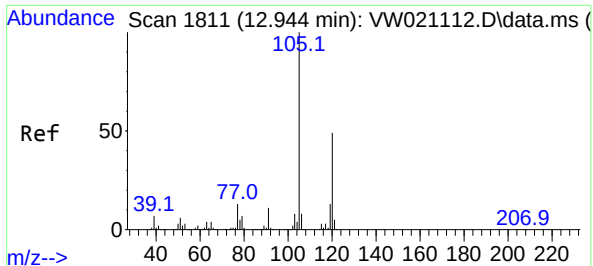
Reviewed By :Semsettin Yesilyurt 12/07/2021
Supervised By :Mahesh Dadoda 12/08/2021



#60
Isopropylbenzene
Concen: 1.649 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021133.D
Acq: 04 Dec 2021 21:16

Tgt Ion:105 Resp: 4864
Ion Ratio Lower Upper
105 100
120 25.4 20.1 30.1
77 31.5 13.8 20.8#





#62

1,3,5-Trimethylbenzene

Concen: 265.590 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VW021133.D

Acq: 04 Dec 2021 21:16

Instrument :

MSVOA_W

ClientSampleId :

EW9M7

Tgt Ion:105 Resp: 655984

Ion Ratio Lower Upper

105 100

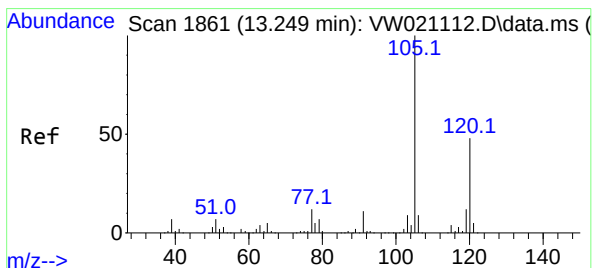
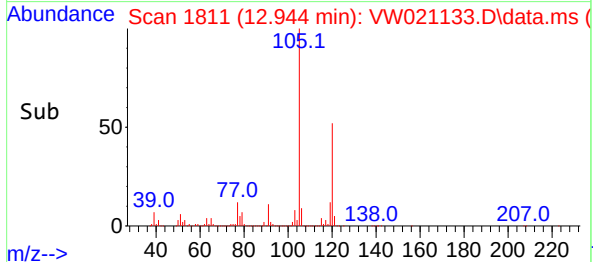
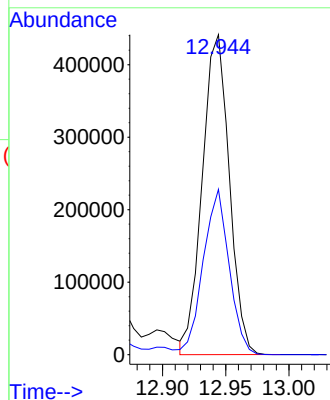
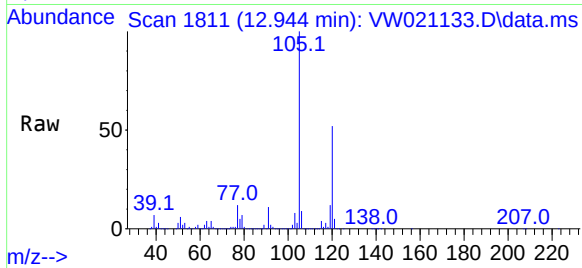
120 49.8 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/07/2021

Supervised By :Mahesh Dadoda 12/08/2021



#63

1,2,4-Trimethylbenzene

Concen: 267.857 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021133.D

Acq: 04 Dec 2021 21:16

Tgt Ion:105 Resp: 665389

Ion Ratio Lower Upper

105 100

120 42.9 35.0 52.6

