

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021115.D
 Acq On : 04 Dec 2021 13:48
 Operator : SY/VA
 Sample : M4885-18MS
 Misc : 5.99g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9M4MS

Quant Time: Dec 06 00:49:11 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

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt

12/07/2021
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	24460	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	24444	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	13088	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.355	65	11212	32.900	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 131.600%	
7) Chloroethane-d5	2.885	69	9637	42.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 168.960%#	
11) 1,1-Dichloroethene-d2	4.019	63	16418	30.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 120.640%#	
21) 2-Butanone-d5	7.080	46	3712	47.753	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 95.500%	
24) Chloroform-d	7.653	84	16825	27.466	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 109.880%	
26) 1,2-Dichloroethane-d4	8.311	65	8853	26.417	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.680%	
32) Benzene-d6	8.275	84	32111	25.692	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 102.760%	
36) 1,2-Dichloropropane-d6	9.275	67	8790	25.307	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.240%	
41) Toluene-d8	10.323	98	30895	24.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 96.440%	
43) trans-1,3-Dichloroprop...	10.579	79	3706	23.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 94.000%	
47) 2-Hexanone-d5	10.927	63	2948	44.362	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 88.720%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	7241	22.535	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 90.120%	
66) 1,2-Dichlorobenzene-d4	13.847	152	10867	23.173	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 92.680%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.001	85	765	6.403	ug/L	92
3) Chloromethane	2.221	50	6761	25.278	ug/L	95
5) Vinyl chloride	2.367	62	12152	26.153	ug/L	95
6) Bromomethane	2.782	94	8122	26.288	ug/L	96
8) Chloroethane	2.922	64	7684	39.680	ug/L	99
9) Trichlorofluoromethane	3.263	101	13934	62.105	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	8635	24.588	ug/L #	82
12) 1,1-Dichloroethene	4.038	96	7578	23.868	ug/L	80
13) Acetone	4.123	43	3385	47.805	ug/L	76
14) Carbon disulfide	4.385	76	20712	23.503	ug/L	98
15) Methyl Acetate	4.678	43	2903	22.611	ug/L #	91
16) Methylene chloride	4.922	84	8406	21.813	ug/L	81
17) trans-1,2-Dichloroethene	5.434	96	8222	24.322	ug/L	82
18) Methyl tert-butyl Ether	5.434	73	16989	33.298	ug/L #	78
19) 1,1-Dichloroethane	6.226	63	12963	24.183	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	8493	23.682	ug/L	75
22) 2-Butanone	7.177	43	4419	45.097	ug/L	91
23) Bromochloromethane	7.519	128	4162	24.803	ug/L #	67
25) Chloroform	7.683	83	14819	24.628	ug/L	96

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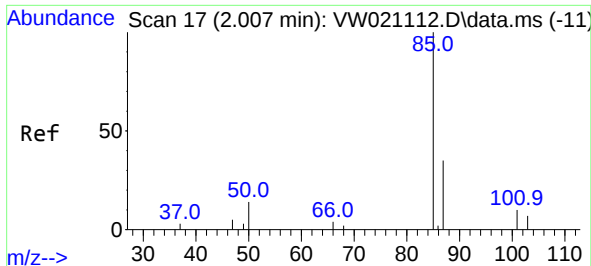
Reviewed By :Semsettin
 Yesilyurt

12/07/2021
 Supervised By :Mahesh
 Dadoda

Quant Time: Dec 06 00:49:11 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)	
27) 1,2-Dichloroethane	8.403	62	9670	24.567	ug/L	#	94
29) Cyclohexane	7.964	56	11935	22.133	ug/L	#	84
30) 1,1,1-Trichloroethane	7.878	97	13336	23.399	ug/L		94
31) Carbon tetrachloride	8.067	117	12281	23.189	ug/L		99
33) Benzene	8.323	78	31675	22.787	ug/L		100
34) Trichloroethene	9.092	95	10077	26.277	ug/L	#	87
35) Methylcyclohexane	9.335	83	14576	22.581	ug/L	#	85
37) 1,2-Dichloropropane	9.366	63	7024	22.357	ug/L	#	96
38) Bromodichloromethane	9.640	83	9078	20.555	ug/L		96
39) cis-1,3-Dichloropropene	10.073	75	10683	21.022	ug/L		93
40) 4-Methyl-2-pentanone	10.207	43	8515	39.785	ug/L	#	90
42) Toluene	10.390	91	35061	22.083	ug/L		94
44) trans-1,3-Dichloropropene	10.610	75	9153	19.908	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	6193	23.512	ug/L		89
46) Tetrachloroethene	10.860	164	43157	122.899	ug/L		95
48) 2-Hexanone	10.969	43	6117	39.619	ug/L	#	93
49) Dibromochloromethane	11.128	129	6482	19.690	ug/L		97
50) 1,2-Dibromoethane	11.238	107	5998	22.330	ug/L	#	99
51) Chlorobenzene	11.658	112	22688	21.386	ug/L	#	87
52) Ethylbenzene	11.725	91	37242	20.836	ug/L		99
53) m,p-Xylene	11.841	106	15073	20.385	ug/L		85
54) o-Xylene	12.164	106	14024	20.117	ug/L		99
55) Styrene	12.176	104	23261	19.584	ug/L		89
57) 1,1,2,2-Tetrachloroethane	12.713	83	6750	21.306	ug/L		98
59) Bromoform	12.347	173	3337	17.879	ug/L	#	98
60) Isopropylbenzene	12.463	105	37747	20.752	ug/L		95
61) 1,2,3-Trichloropropane	12.768	75	4961	22.628	ug/L	#	91
62) 1,3,5-Trimethylbenzene	12.939	105	31058	20.389	ug/L		94
63) 1,2,4-Trimethylbenzene	13.249	105	30819	20.117	ug/L		95
64) 1,3-Dichlorobenzene	13.499	146	18386	21.468	ug/L		90
65) 1,4-Dichlorobenzene	13.579	146	17293	19.978	ug/L		97
67) 1,2-Dichlorobenzene	13.865	146	16374	21.472	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.481	75	918m	18.543	ug/L		
69) 1,3,5-Trichlorobenzene	14.627	180	12019	19.095	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	10379	20.067	ug/L		89
71) Naphthalene	15.359	128	16962	17.641	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	7902	17.506	ug/L		96

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



#2
Dichlorodifluoromethane
Concen: 6.403 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS

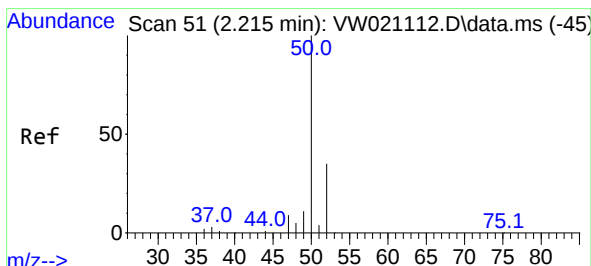
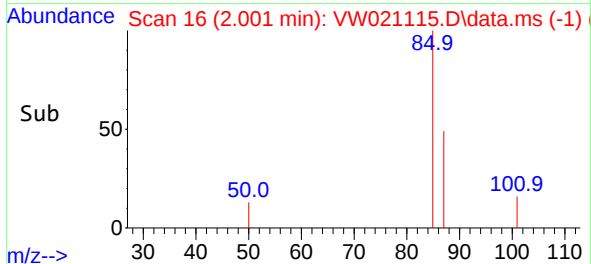
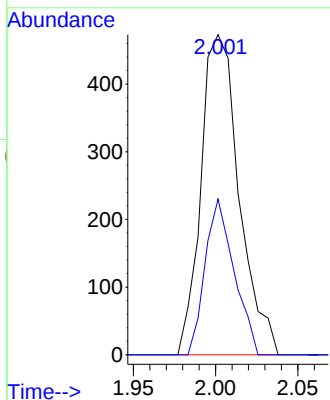
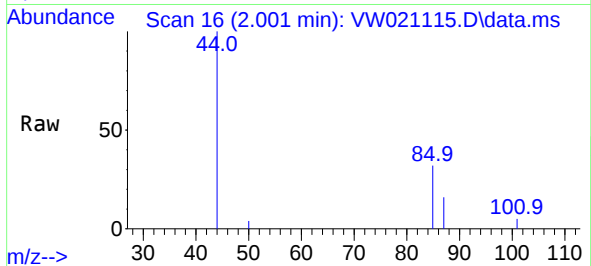
Tgt Ion: 85 Resp: 76
Ion Ratio Lower Upper
85 100
87 36.7 25.8 38.6

Manual Integrations
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Yesilyurt

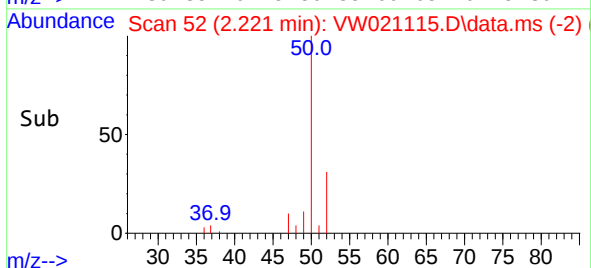
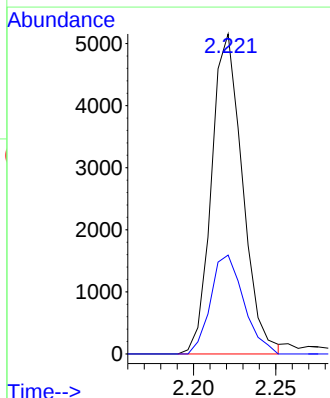
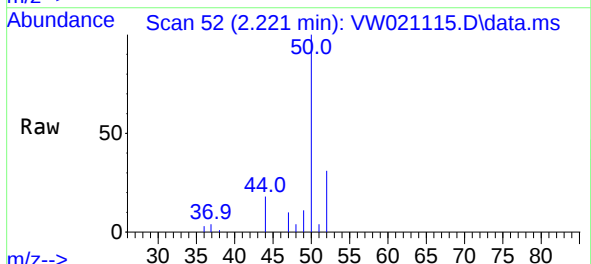
12/07/2021
Supervised By :Mahesh
Dadoda

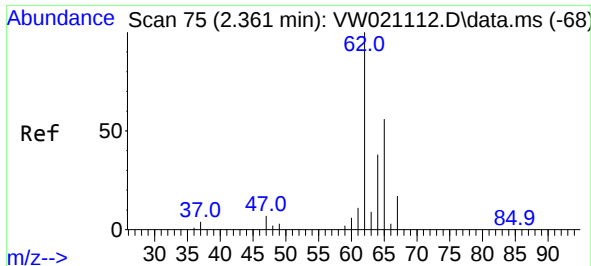
12/08/2021



#3
Chloromethane
Concen: 25.278 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion: 50 Resp: 6761
Ion Ratio Lower Upper
50 100
52 30.9 23.4 43.6





#5
Vinyl chloride
Concen: 26.153 ug/L
RT: 2.367 min Scan# 70
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS

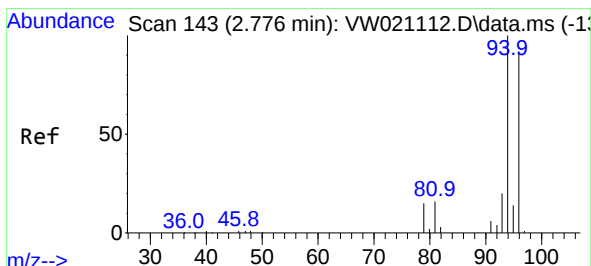
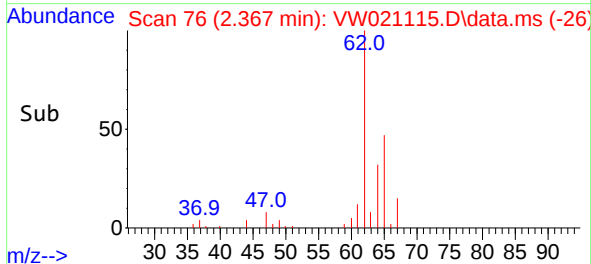
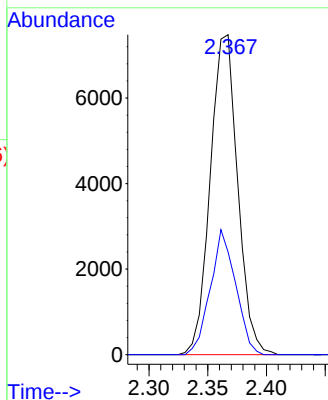
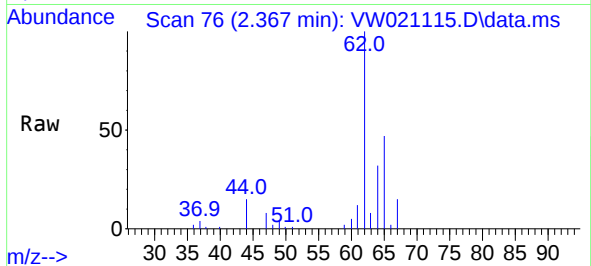
Tgt Ion: 62 Resp: 1215
Ion Ratio Lower Upper
62 100
64 32.1 24.4 45.2

Manual Integrations
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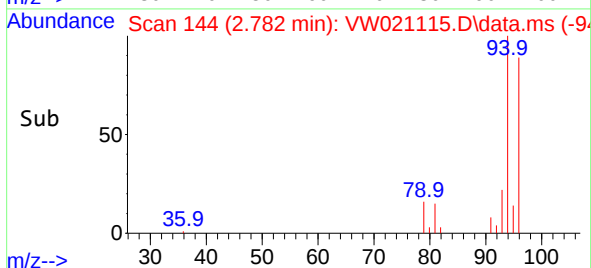
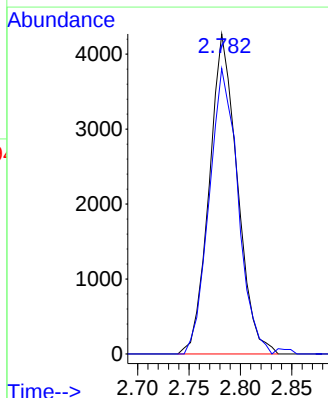
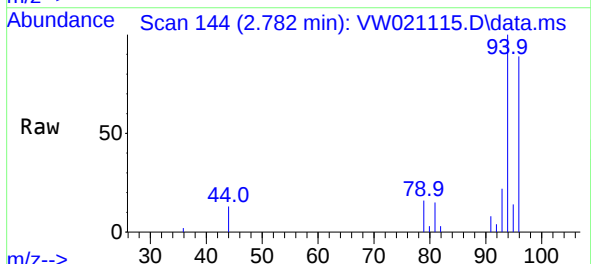
12/07/2021
Supervised By :Mahesh
Dadoda

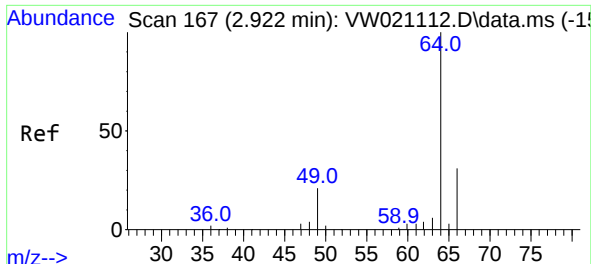
12/08/2021



#6
Bromomethane
Concen: 26.288 ug/L
RT: 2.782 min Scan# 144
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion: 94 Resp: 8122
Ion Ratio Lower Upper
94 100
96 89.2 64.8 120.4





#8

Chloroethane

Concen: 39.680 ug/L

RT: 2.922 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

ClientSampleId :

EW9M4MS

Tgt Ion: 64 Resp: 7684
 Ion Ratio Lower Upper
 64 100
 66 32.2 22.0 40.8

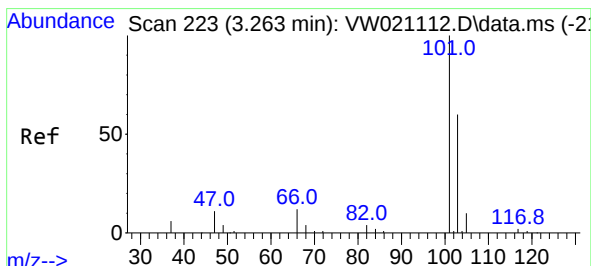
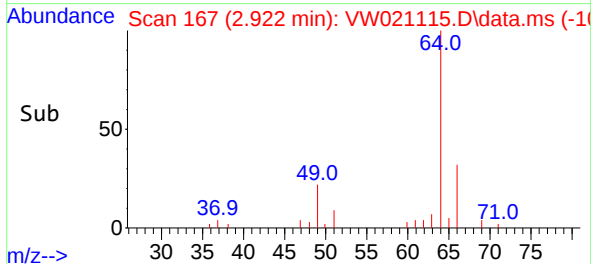
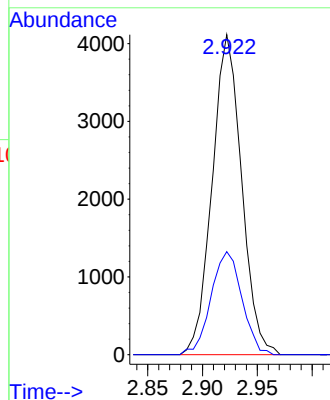
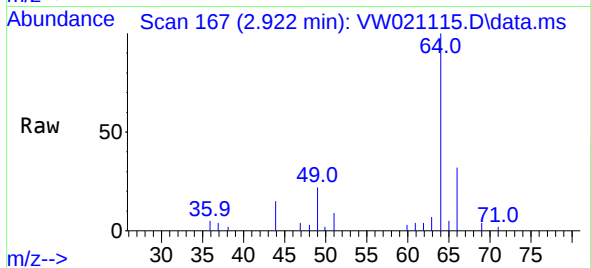
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#9

Trichlorofluoromethane

Concen: 62.105 ug/L

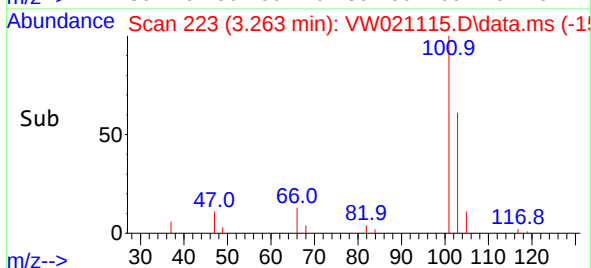
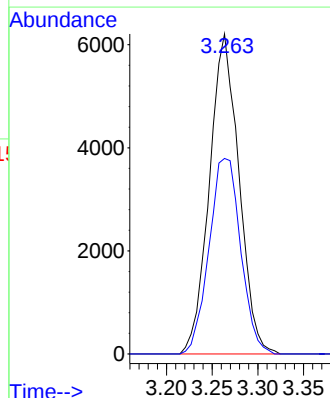
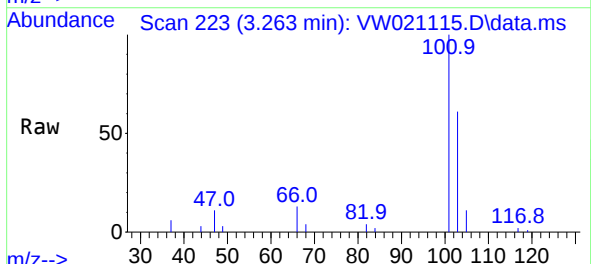
RT: 3.263 min Scan# 223

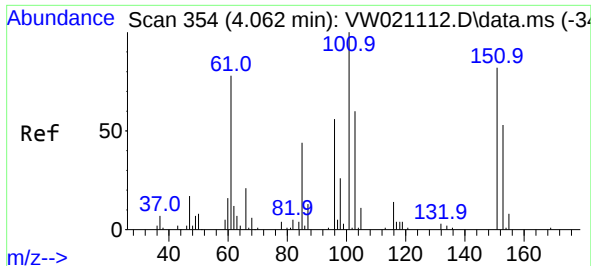
Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Tgt Ion:101 Resp: 13934
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.4 77.2





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.588 ug/L
RT: 4.068 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS

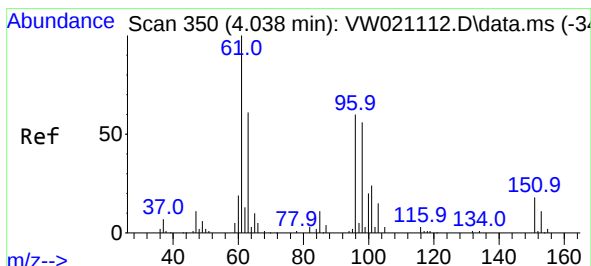
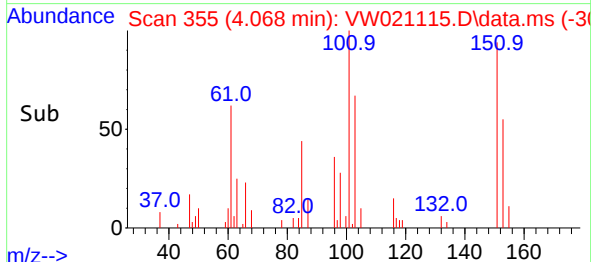
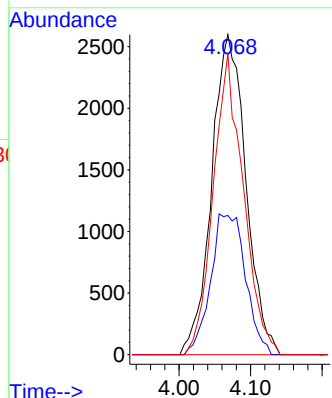
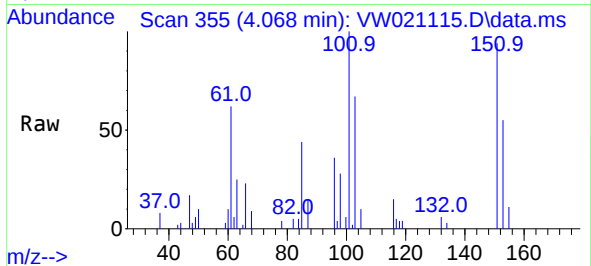
Tgt Ion:101 Resp: 863
Ion Ratio Lower Upper
101 100
85 28.8 36.6 54.8
151 82.8 57.4 86.0

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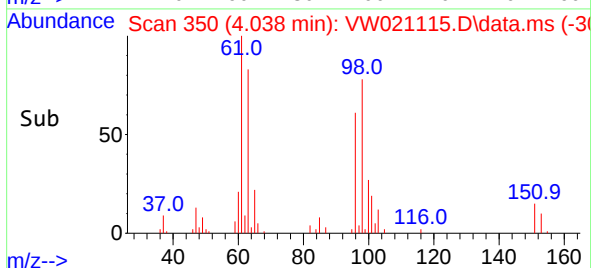
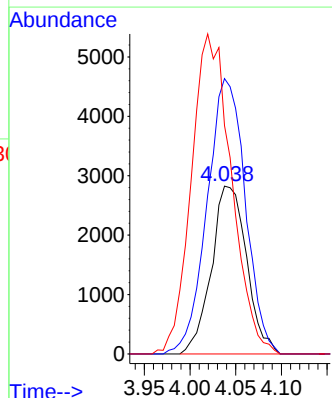
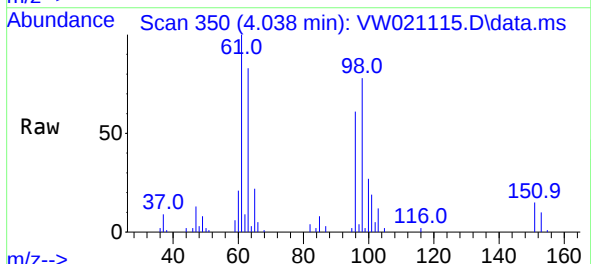
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Dadoda

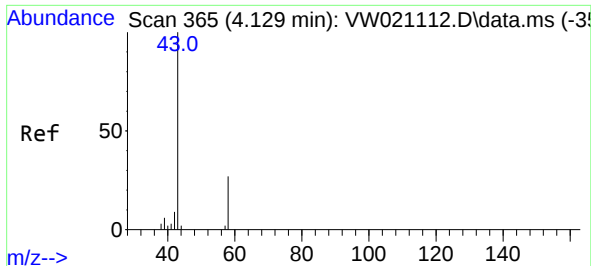
12/08/2021



#12
1,1-Dichloroethene
Concen: 23.868 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.012 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

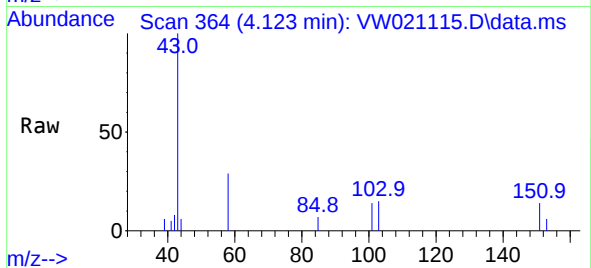
Tgt Ion: 96 Resp: 7578
Ion Ratio Lower Upper
96 100
61 164.1 138.3 256.9
63 136.1 82.6 153.4





#13
Acetone
Concen: 47.805 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS



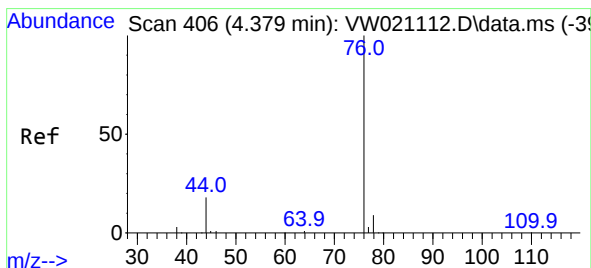
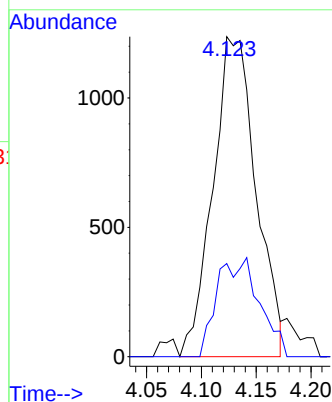
Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
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58 13.9 0.0 52.8

Manual Integrations
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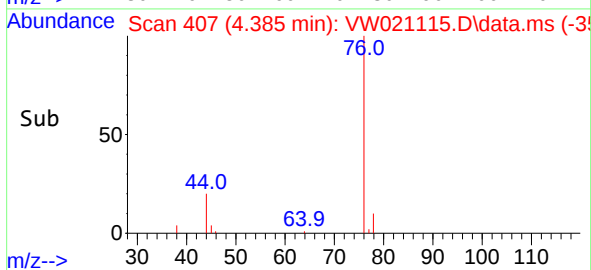
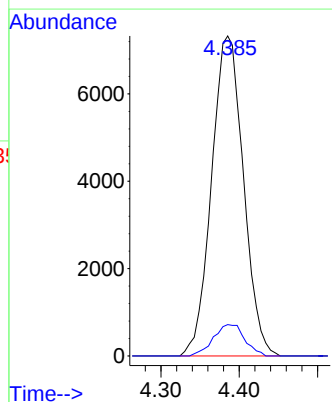
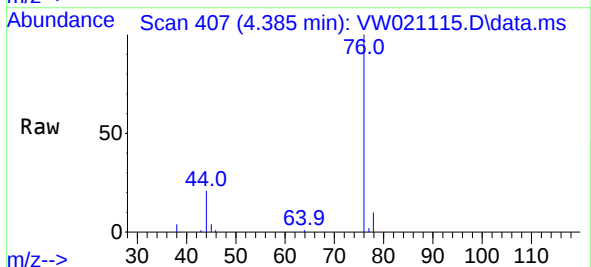
12/07/2021
Supervised By :Mahesh
Dadoda

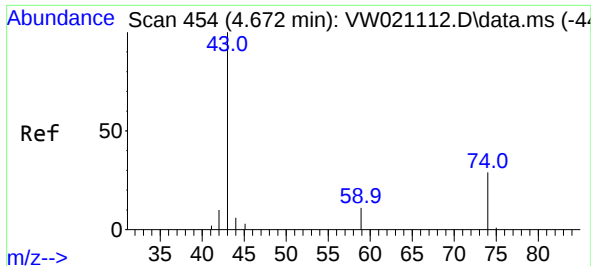
12/08/2021



#14
Carbon disulfide
Concen: 23.503 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

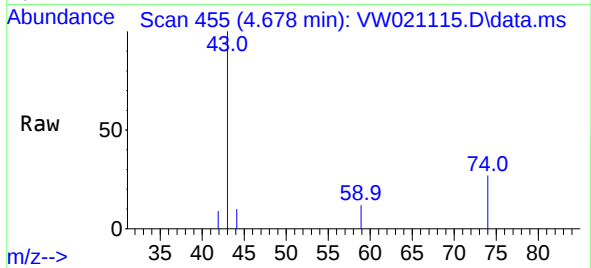
Tgt Ion: 76 Resp: 20712
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7





#15
Methyl Acetate
Concen: 22.611 ug/L
RT: 4.678 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS



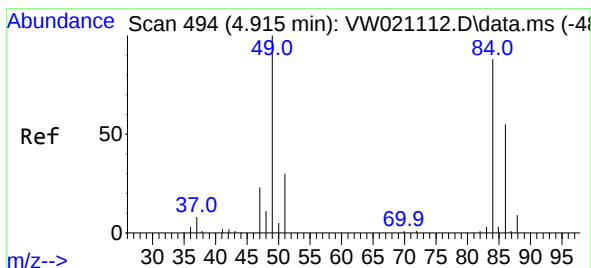
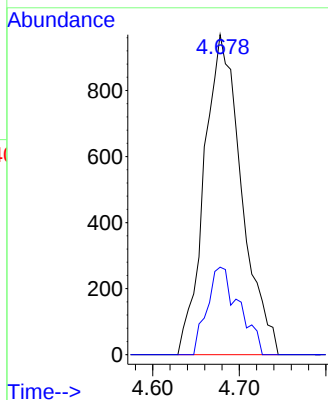
Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
74 16.2 16.4 24.6

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

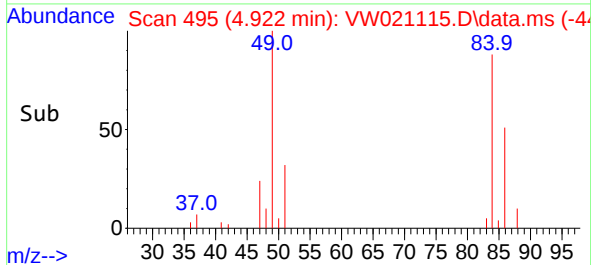
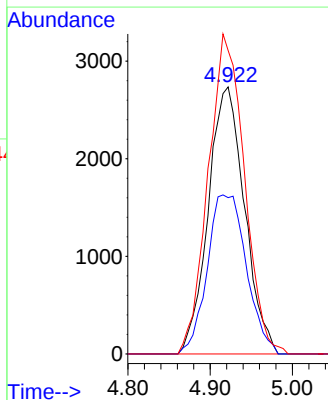
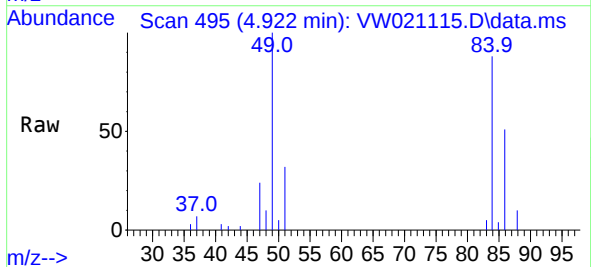
12/07/2021
Supervised By :Mahesh
Dadoda

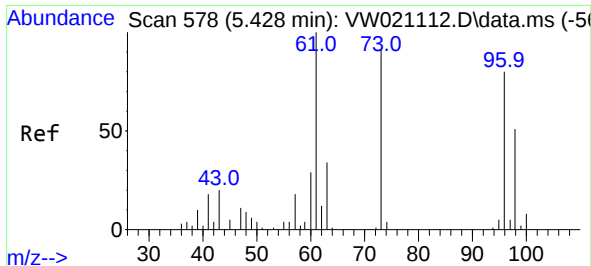
12/08/2021



#16
Methylene chloride
Concen: 21.813 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion: 84 Resp: 8406
Ion Ratio Lower Upper
84 100
86 58.5 45.5 84.5
49 113.6 100.5 186.7





#17
trans-1,2-Dichloroethene
Concen: 24.322 ug/L
RT: 5.434 min Scan# 511
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS

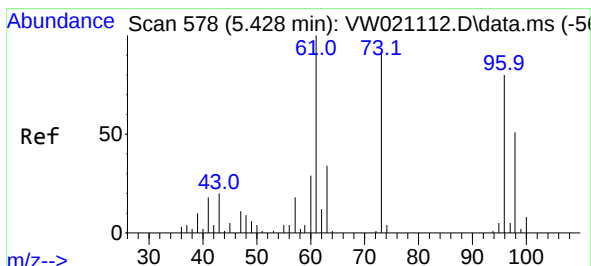
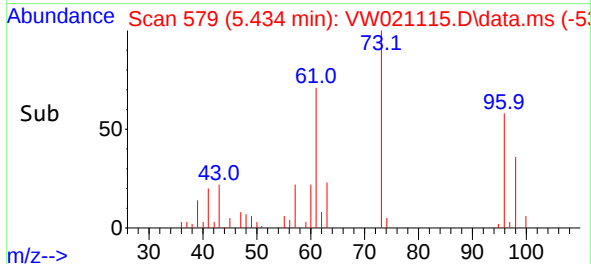
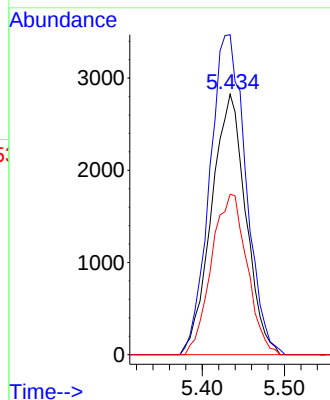
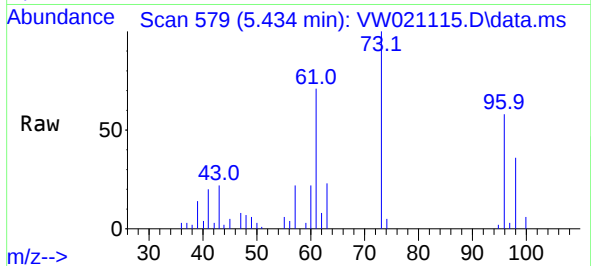
Tgt Ion: 96 Resp: 822
Ion Ratio Lower Upper
96 100
61 122.8 107.4 199.4
98 61.6 41.2 76.6

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

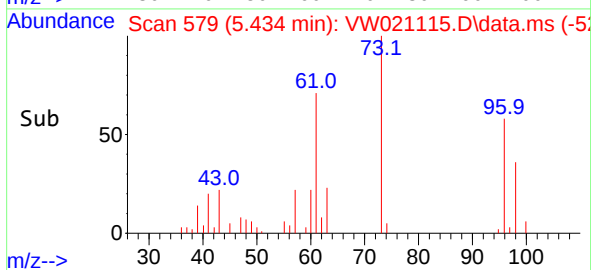
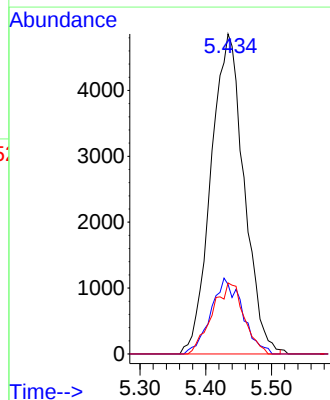
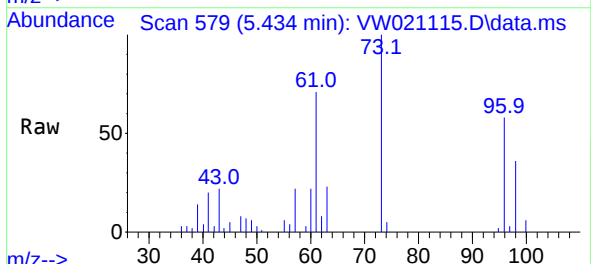
12/07/2021
Supervised By :Mahesh
Dadoda

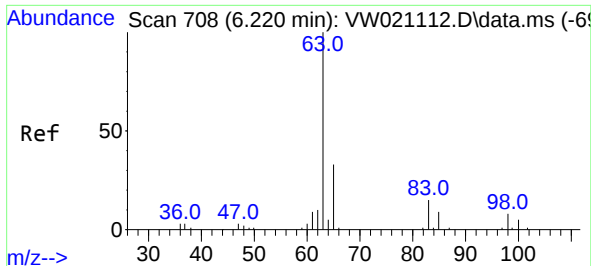
12/08/2021



#18
Methyl tert-butyl Ether
Concen: 33.298 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion: 73 Resp: 16989
Ion Ratio Lower Upper
73 100
43 15.0 19.5 29.3#
57 11.9 19.3 28.9#





#19

1,1-Dichloroethane

Concen: 24.183 ug/L

RT: 6.226 min Scan# 708

Delta R.T. 0.006 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

ClientSampleId :

EW9M4MS

Tgt Ion: 63	Resp: 1296
Ion Ratio	Lower Upper
63 100	
65 30.7	22.1 41.1
83 14.8	9.2 17.2

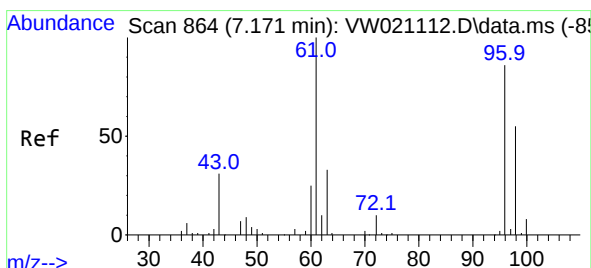
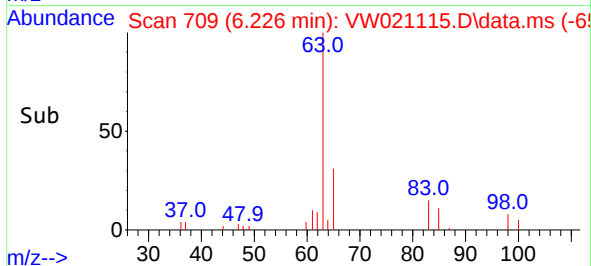
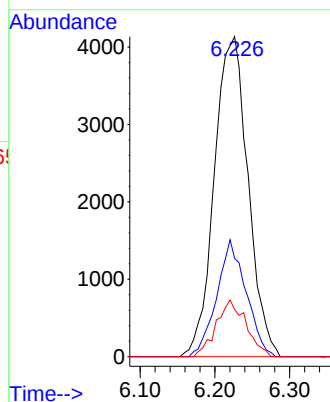
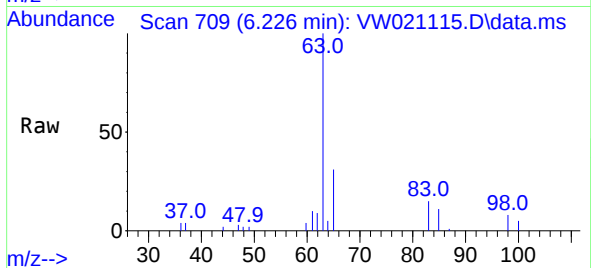
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

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Supervised By :Mahesh
Dadoda

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#20

cis-1,2-Dichloroethene

Concen: 23.682 ug/L

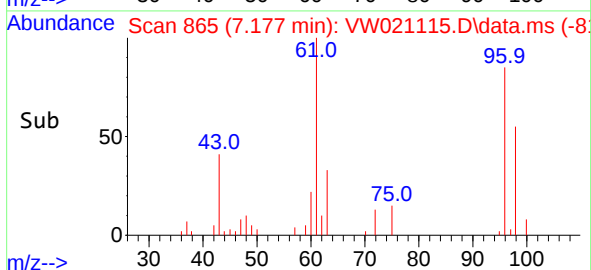
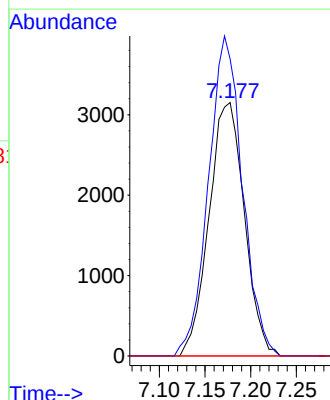
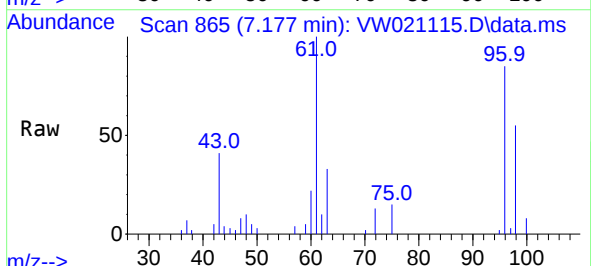
RT: 7.177 min Scan# 865

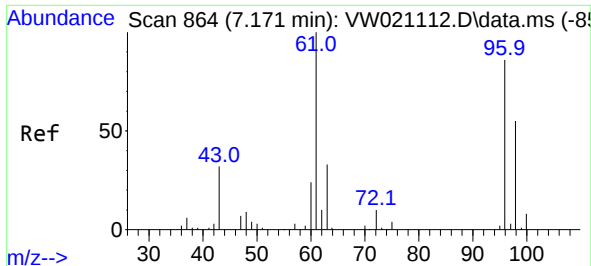
Delta R.T. 0.012 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Tgt Ion: 96	Resp: 8493
Ion Ratio	Lower Upper
96 100	
61 117.2	103.7 192.7
68 0.0	0.0 0.0





#22
2-Butanone
Concen: 45.097 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS

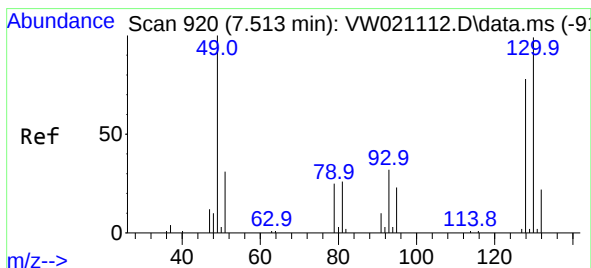
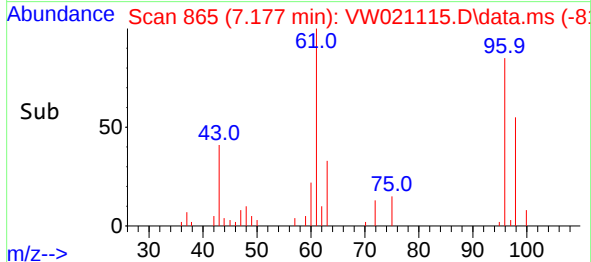
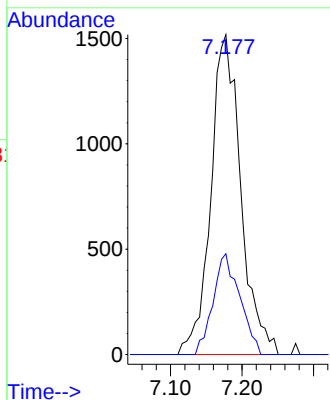
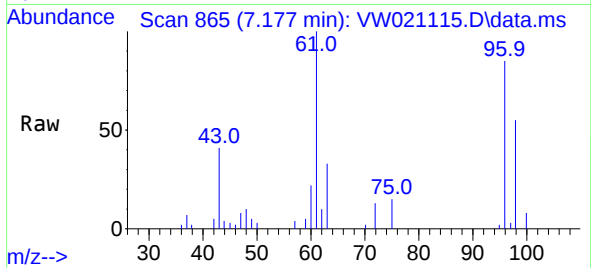
Tgt Ion: 43 Resp: 4419
Ion Ratio Lower Upper
43 100
72 28.1 11.8 35.4

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

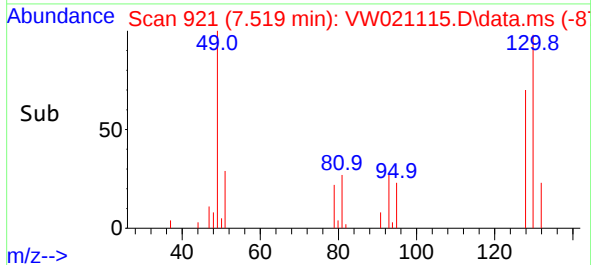
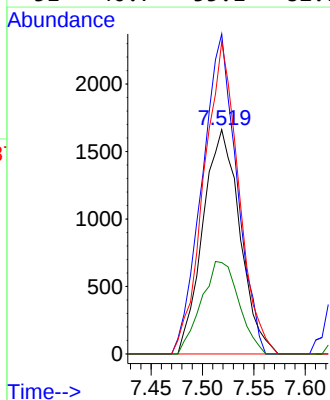
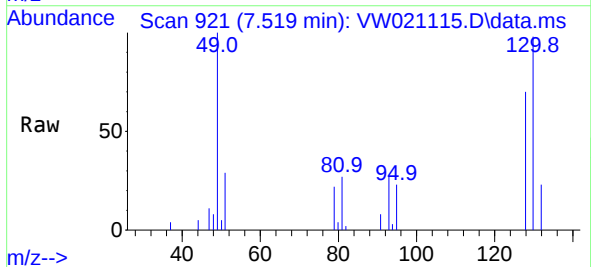
12/07/2021
Supervised By :Mahesh
Dadoda

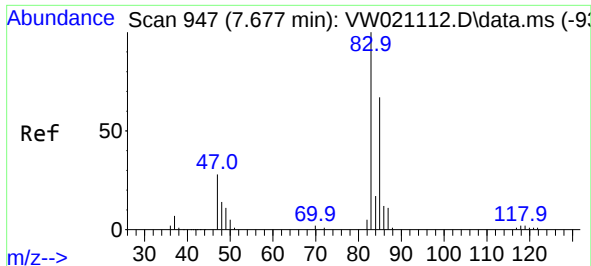
12/08/2021



#23
Bromochloromethane
Concen: 24.803 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion:128 Resp: 4162
Ion Ratio Lower Upper
128 100
49 142.7 150.3 279.1#
130 139.1 88.3 163.9
51 40.7 55.1 82.7#





#25
Chloroform
Concen: 24.628 ug/L
RT: 7.683 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS

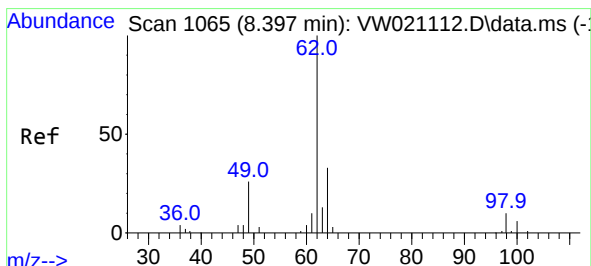
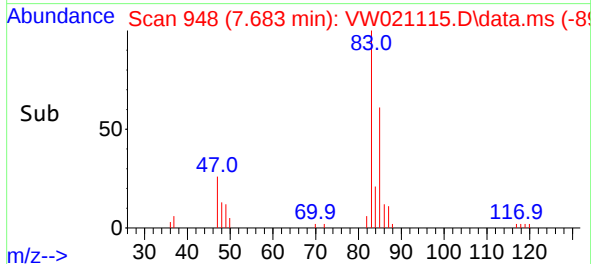
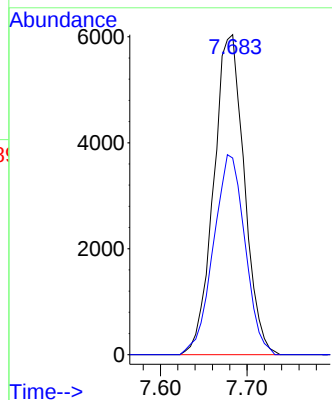
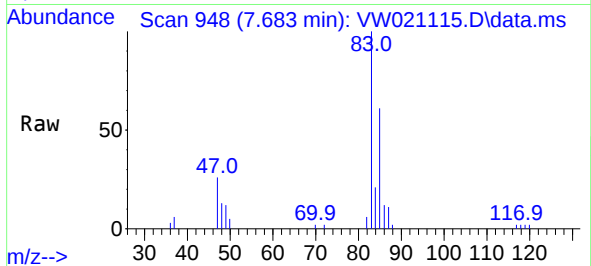
Tgt Ion: 83 Resp: 14819
Ion Ratio Lower Upper
83 100
85 61.5 45.1 83.7

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

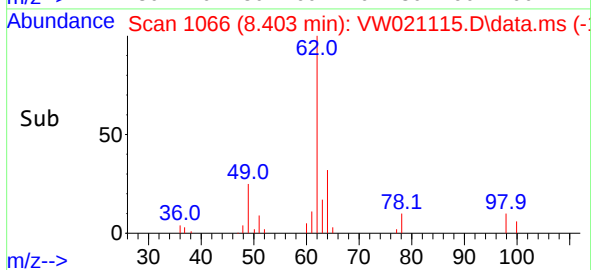
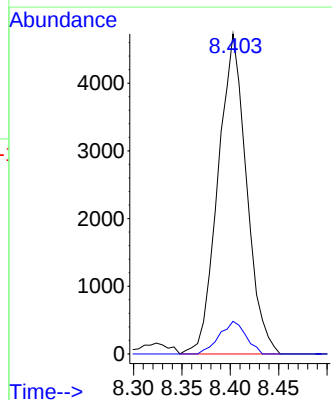
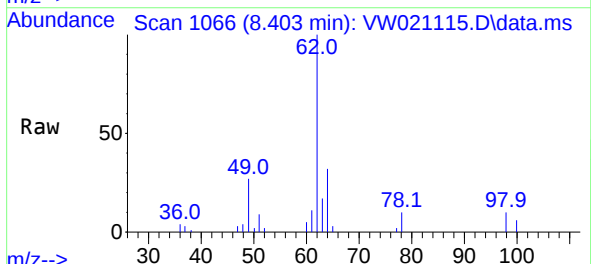
12/07/2021
Supervised By :Mahesh
Dadoda

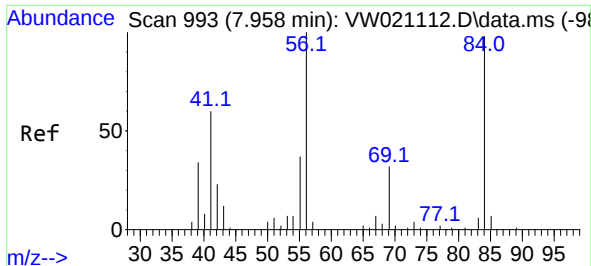
12/08/2021



#27
1,2-Dichloroethane
Concen: 24.567 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion: 62 Resp: 9670
Ion Ratio Lower Upper
62 100
98 10.2 6.5 9.7#





#29

Cyclohexane

Concen: 22.133 ug/L

RT: 7.964 min Scan# 994

Delta R.T. 0.006 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

ClientSampleId :

EW9M4MS

Tgt Ion:	56	Resp:	1193
Ion Ratio	Lower	Upper	
56	100		
69	32.4	23.5	35.3
84	97.2	63.4	95.2

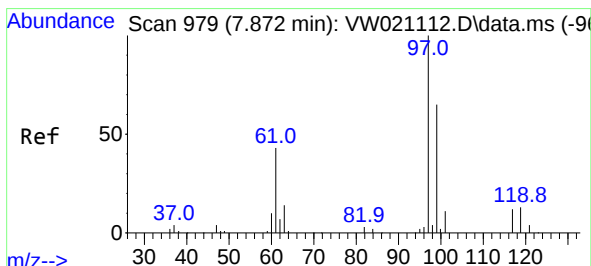
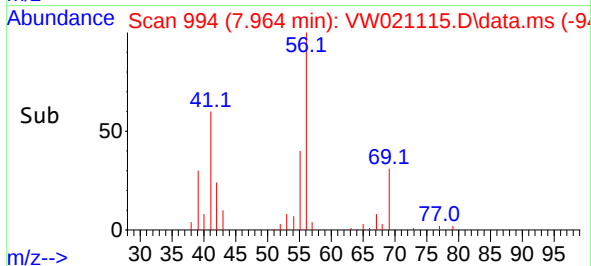
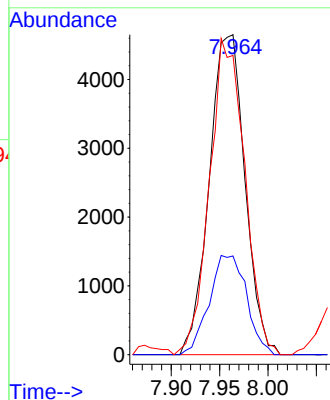
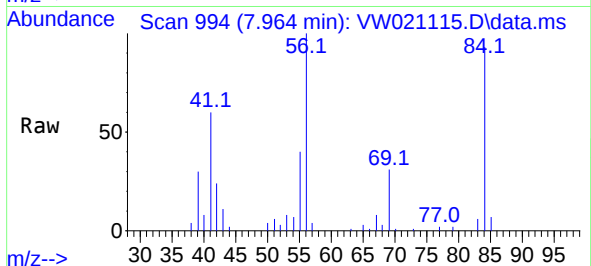
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

12/07/2021

Supervised By :Mahesh
Dadoda

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#30

1,1,1-Trichloroethane

Concen: 23.399 ug/L

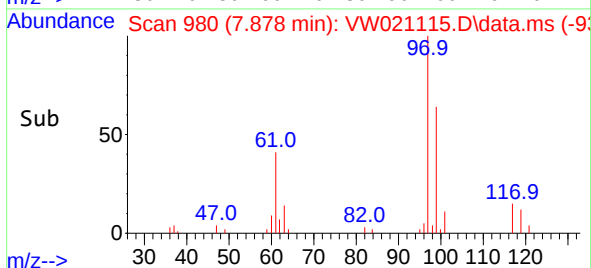
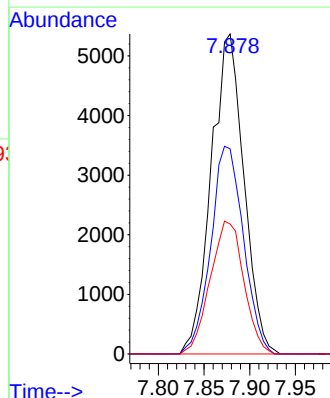
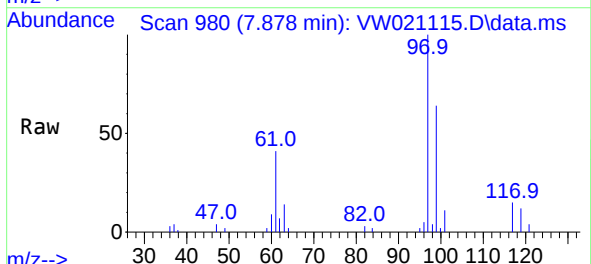
RT: 7.878 min Scan# 980

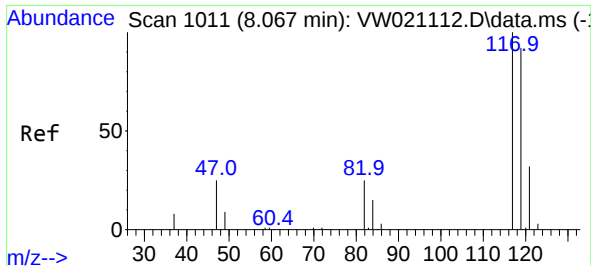
Delta R.T. 0.006 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

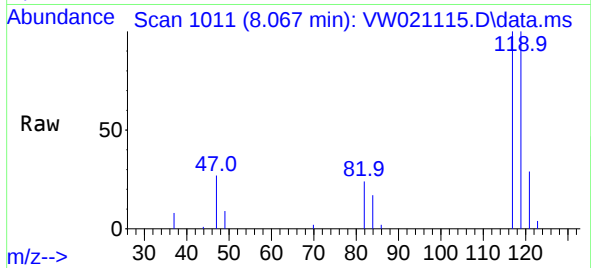
Tgt Ion:	97	Resp:	13336
Ion Ratio	Lower	Upper	
97	100		
99	65.1	51.6	77.4
61	42.8	40.9	61.3





#31
Carbon tetrachloride
Concen: 23.189 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS



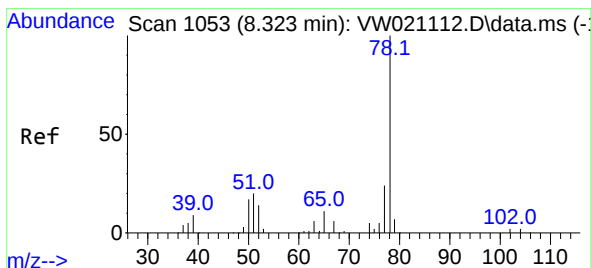
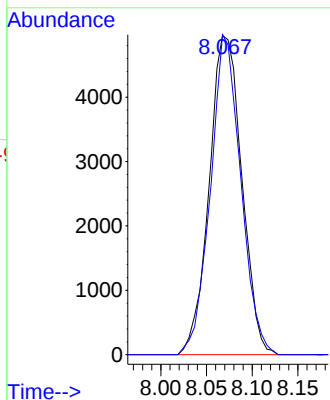
Tgt Ion:117 Resp: 1228
Ion Ratio Lower Upper
117 100
119 93.4 75.7 113.5

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Reviewed By :Semsettin
Yesilyurt

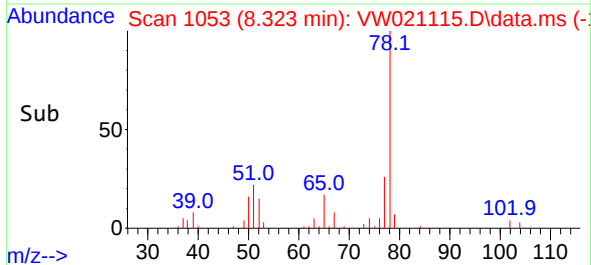
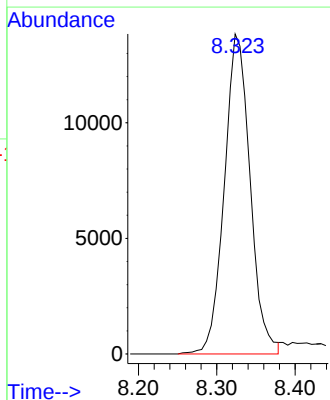
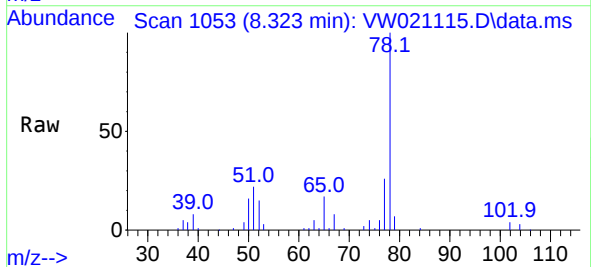
12/07/2021
Supervised By :Mahesh
Dadoda

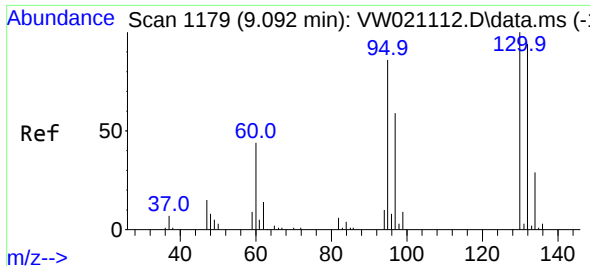
12/08/2021



#33
Benzene
Concen: 22.787 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

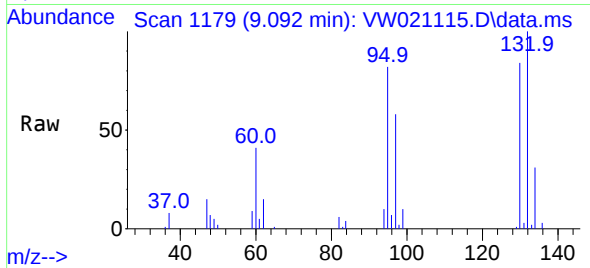
Tgt Ion: 78 Resp: 31675





#34
Trichloroethene
Concen: 26.277 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS



Tgt Ion: 95 Resp: 1007

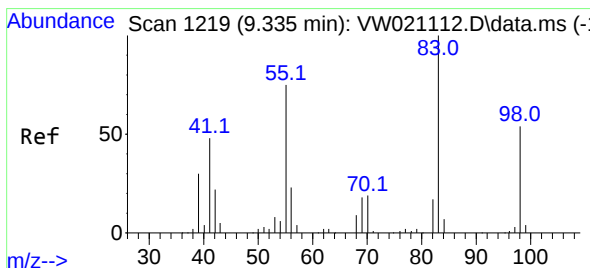
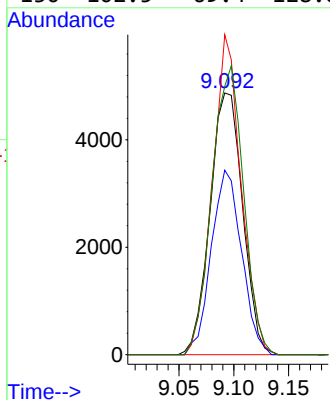
Ion	Ratio	Lower	Upper
95	100		
97	70.5	47.0	87.2
132	122.3	65.5	121.6
130	102.5	69.4	128.8

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

12/07/2021
Supervised By :Mahesh
Dadoda

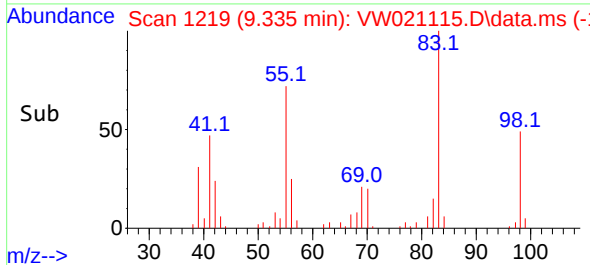
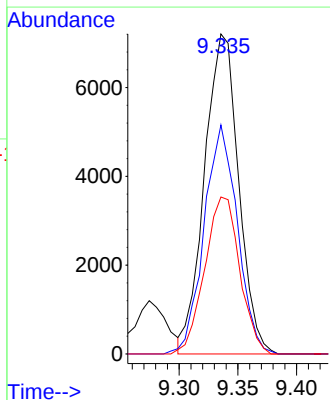
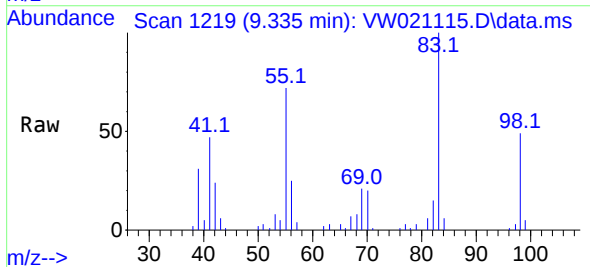
12/08/2021

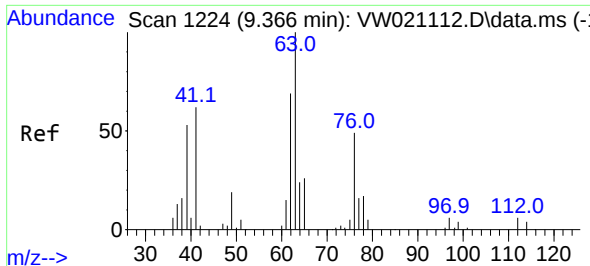


#35
Methylcyclohexane
Concen: 22.581 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion: 83 Resp: 14576

Ion	Ratio	Lower	Upper
83	100		
55	69.7	70.8	106.2
98	50.3	37.7	56.5





#37

1,2-Dichloropropane

Concen: 22.357 ug/L

RT: 9.366 min Scan# 1124

Delta R.T. -0.006 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

ClientSampleId :

EW9M4MS

Tgt Ion: 63 Resp: 7024
 Ion Ratio Lower Upper
 63 100
 112 5.2 3.2 4.8

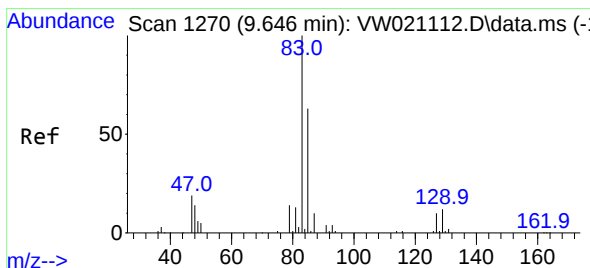
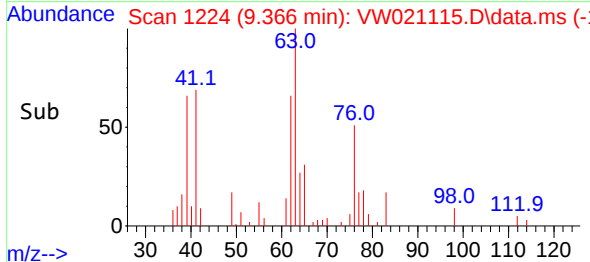
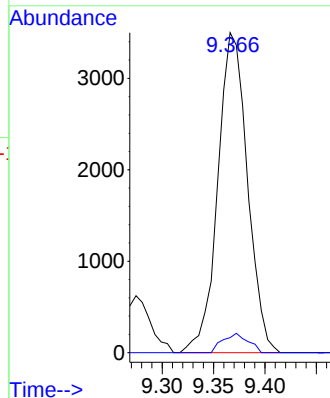
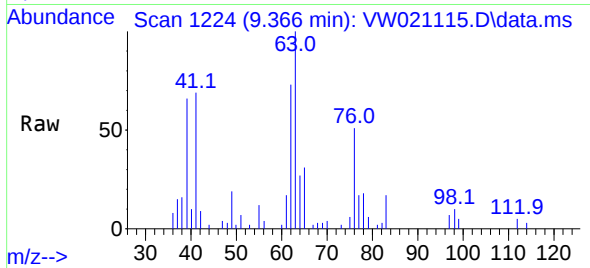
Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

12/07/2021

Supervised By :Mahesh
 Dadoda

12/08/2021



#38

Bromodichloromethane

Concen: 20.555 ug/L

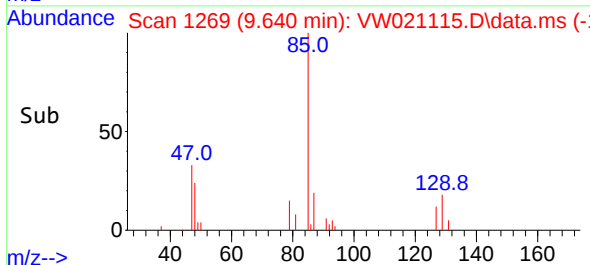
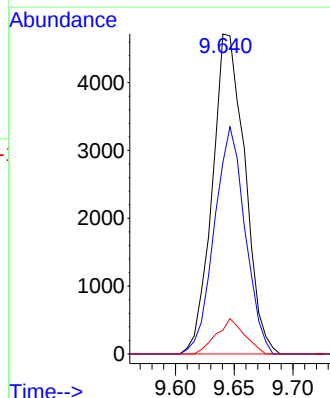
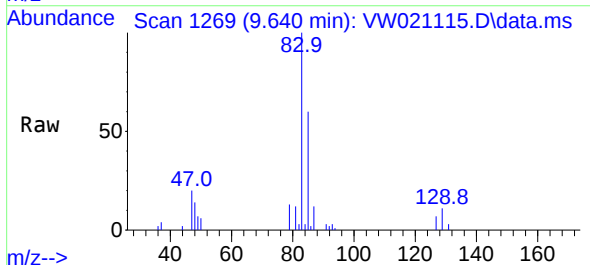
RT: 9.640 min Scan# 1269

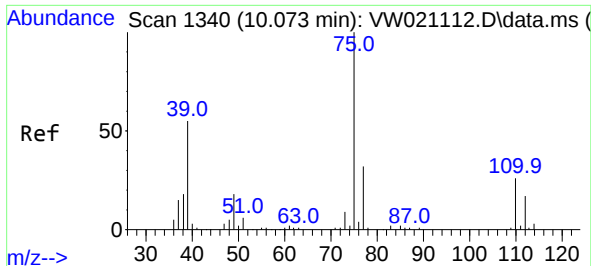
Delta R.T. -0.006 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Tgt Ion: 83 Resp: 9078
 Ion Ratio Lower Upper
 83 100
 85 59.8 44.1 81.9
 127 7.4 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 21.022 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

ClientSampleId :

EW9M4MS

Tgt Ion: 75 Resp: 1068

Ion Ratio Lower Upper

75 100

77 35.2 21.8 40.6

Manual Integrations

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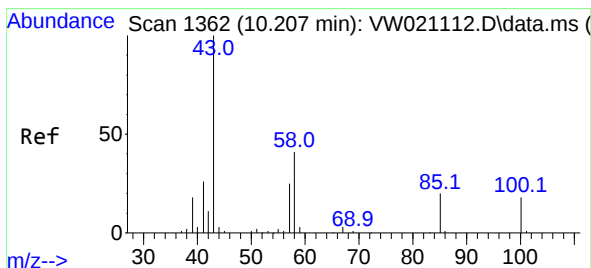
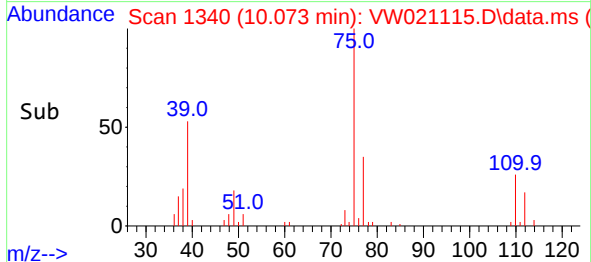
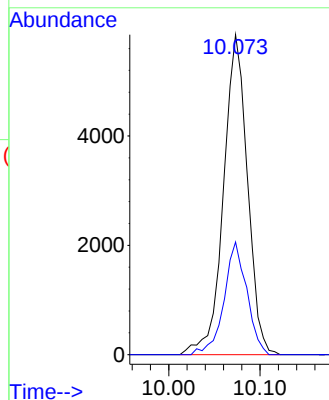
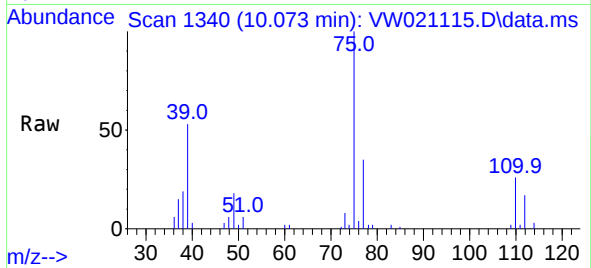
Reviewed By :Semsettin

Yesilyurt

12/07/2021

Supervised By :Mahesh
Dadoda

12/08/2021



#40

4-Methyl-2-pentanone

Concen: 39.785 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

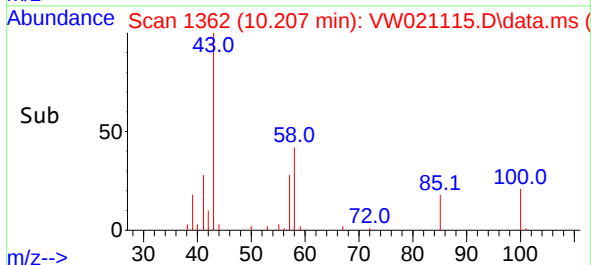
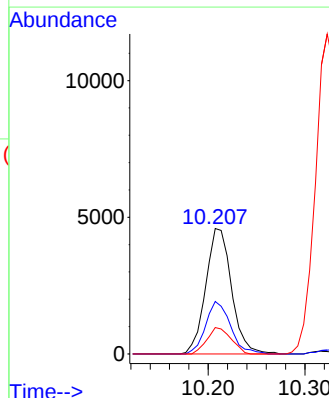
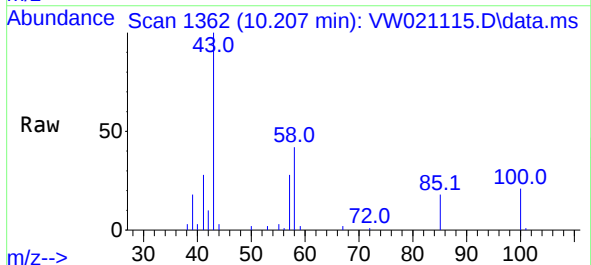
Tgt Ion: 43 Resp: 8515

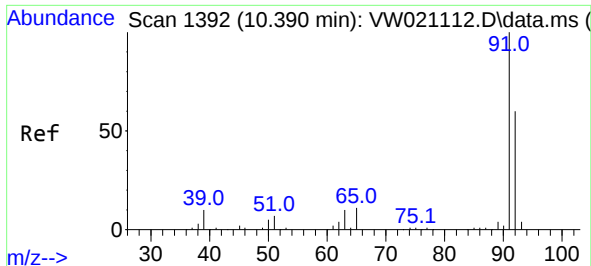
Ion Ratio Lower Upper

43 100

58 40.3 28.8 43.2

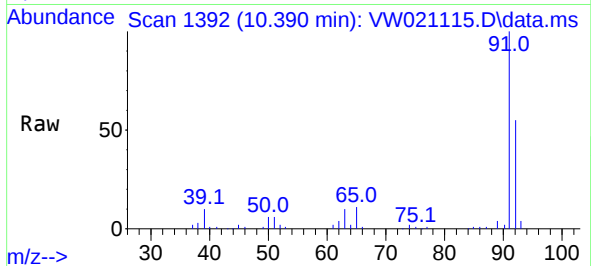
100 19.5 10.0 15.0#





#42
Toluene
Concen: 22.083 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS



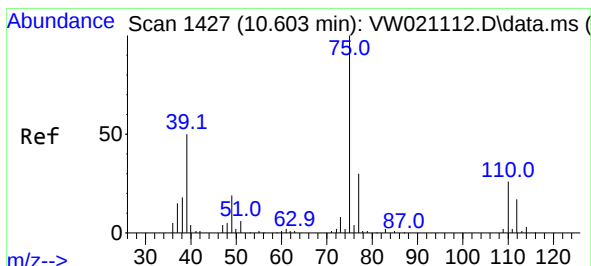
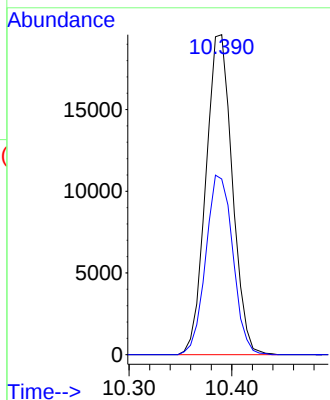
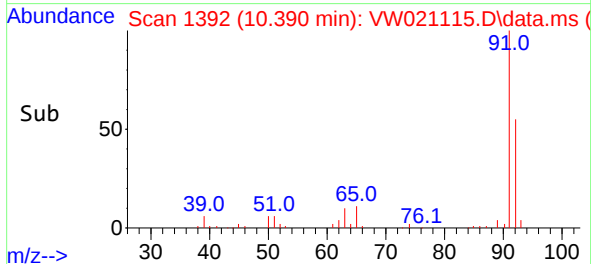
Tgt Ion: 91 Resp: 3506
Ion Ratio Lower Upper
91 100
92 54.9 41.7 77.5

Manual Integrations
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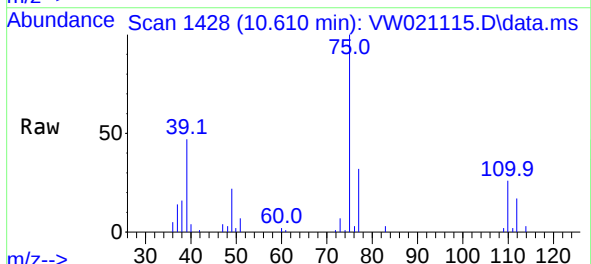
Reviewed By :Semsettin
Yesilyurt

12/07/2021
Supervised By :Mahesh
Dadoda

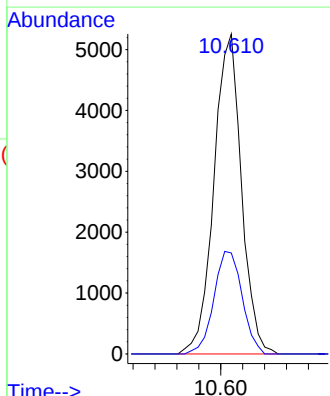
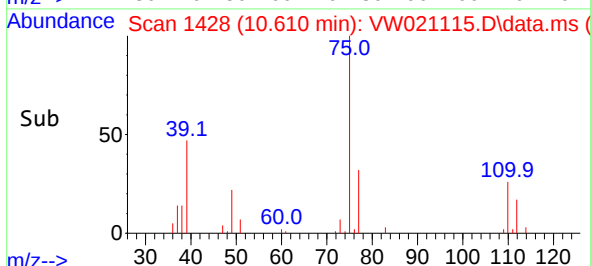
12/08/2021

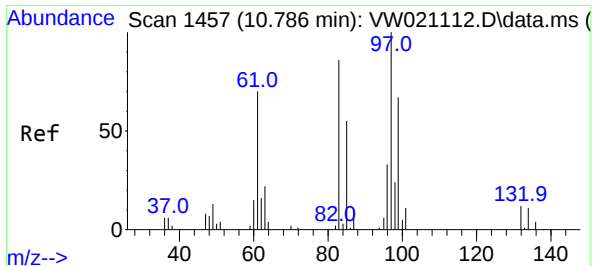


#44
trans-1,3-Dichloropropene
Concen: 19.908 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48



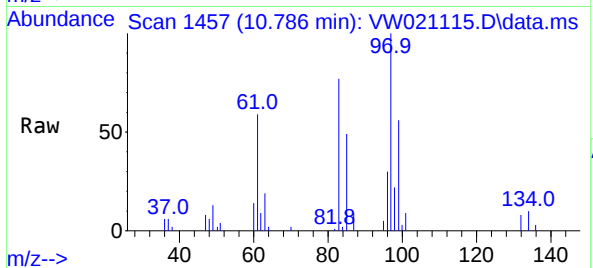
Tgt Ion: 75 Resp: 9153
Ion Ratio Lower Upper
75 100
77 31.5 22.2 41.2





#45
1,1,2-Trichloroethane
Concen: 23.512 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS



Tgt Ion: 97 Resp: 619

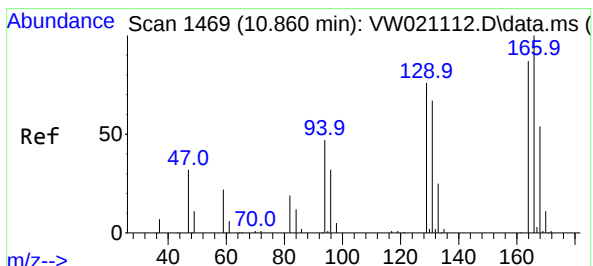
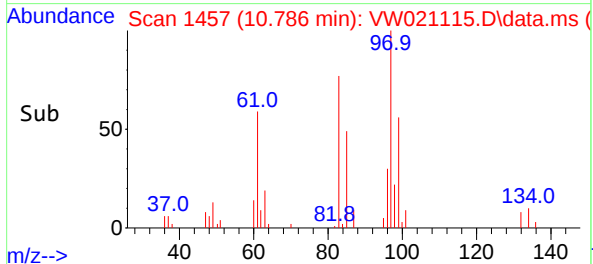
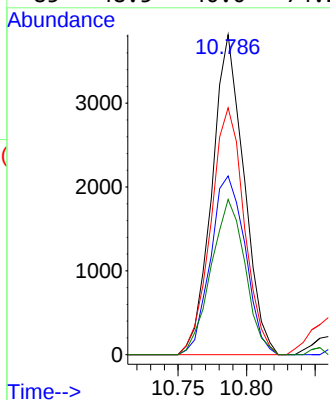
Ion	Ratio	Lower	Upper
97	100		
99	55.8	43.0	79.8
83	77.1	62.6	116.3
85	48.5	40.0	74.2

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

12/07/2021
Supervised By :Mahesh
Dadoda

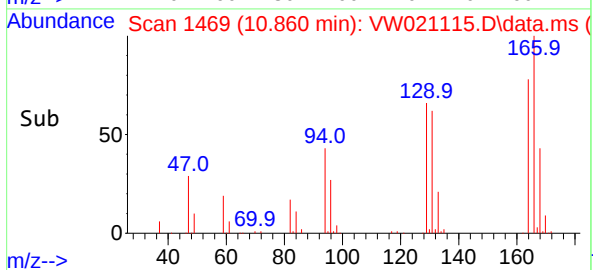
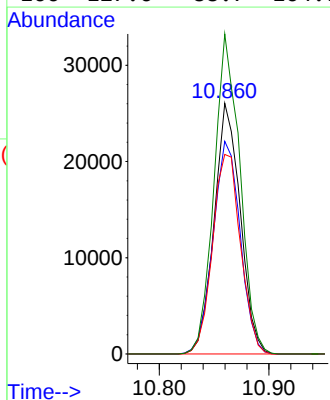
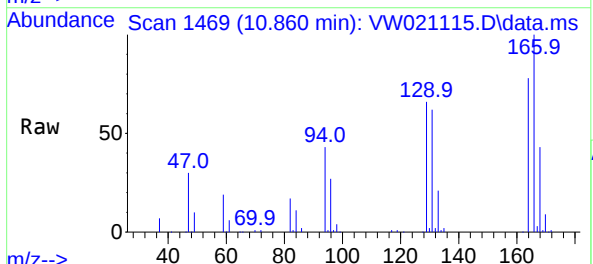
12/08/2021

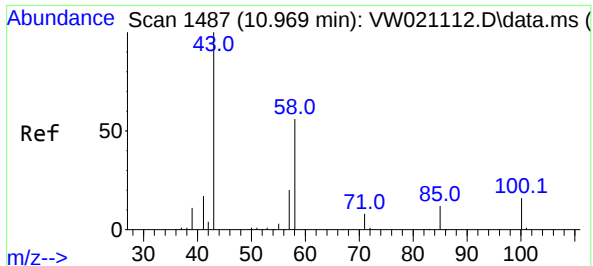


#46
Tetrachloroethene
Concen: 122.899 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion:164 Resp: 43157

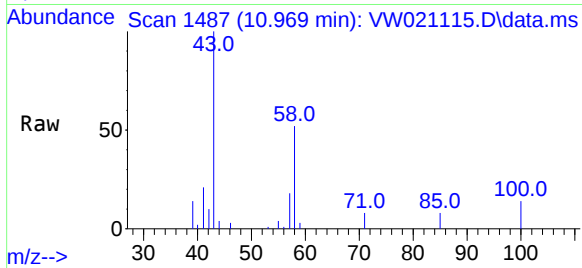
Ion	Ratio	Lower	Upper
164	100		
129	84.8	65.5	121.7
131	79.6	59.7	110.9
166	127.6	88.7	164.7





#48
2-Hexanone
Concen: 39.619 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS



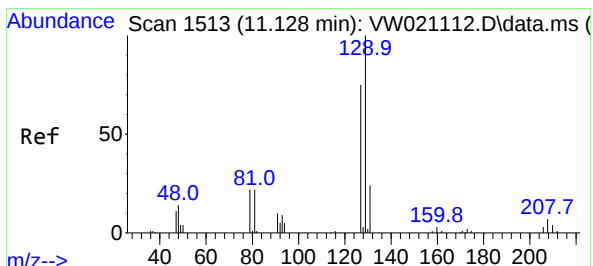
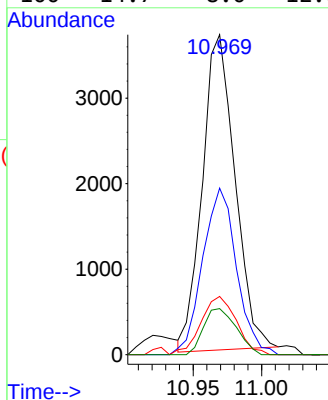
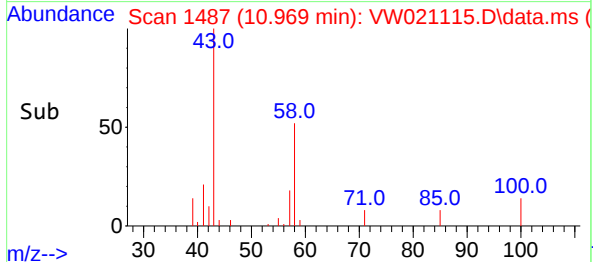
Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
58 54.8 40.2 60.2
57 20.0 14.3 21.5
100 14.7 8.0 12.0

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

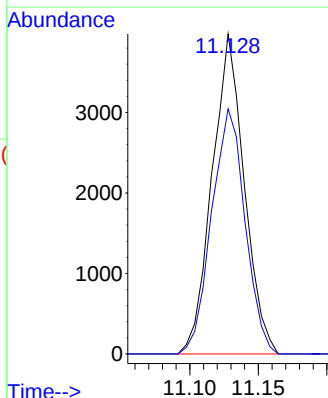
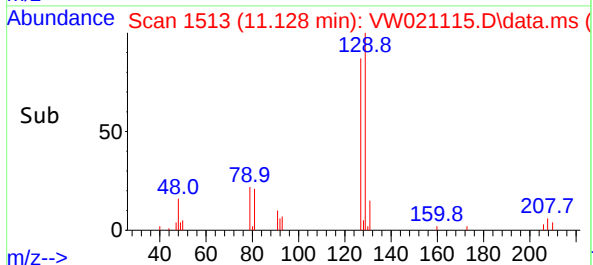
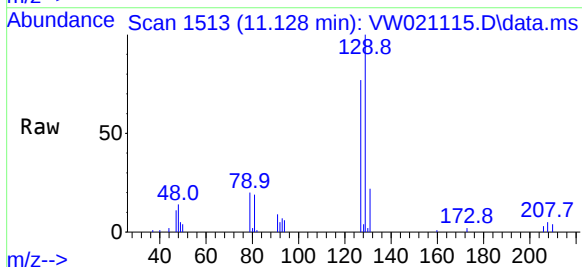
12/07/2021
Supervised By :Mahesh
Dadoda

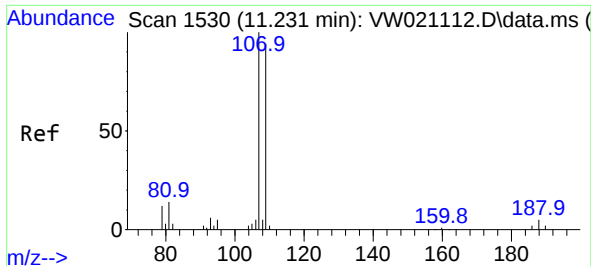
12/08/2021



#49
Dibromochloromethane
Concen: 19.690 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

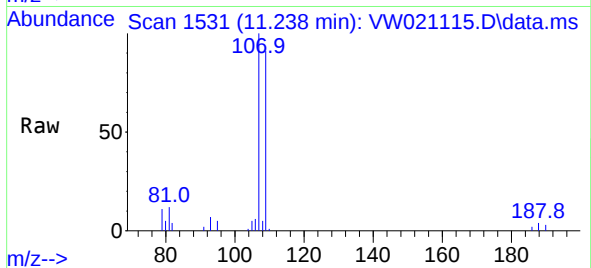
Tgt Ion:129 Resp: 6482
Ion Ratio Lower Upper
129 100
127 76.6 55.7 103.5





#50
1,2-Dibromoethane
Concen: 22.330 ug/L
RT: 11.238 min Scan# 1530
Delta R.T. 0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS



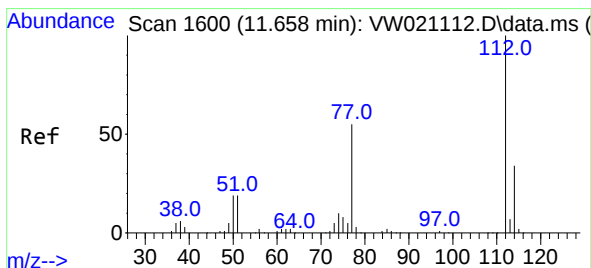
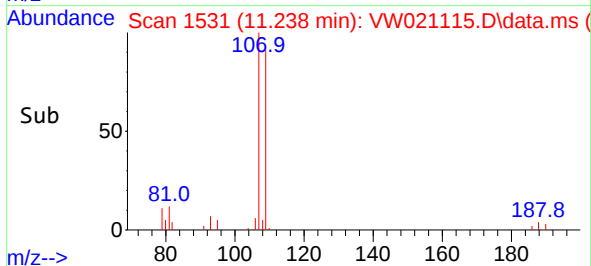
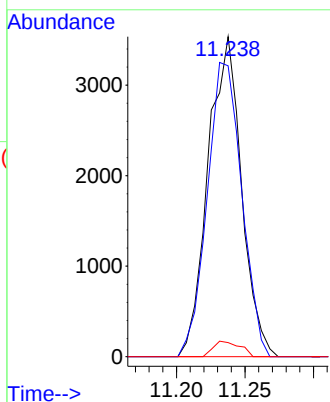
Tgt Ion:107 Resp: 5998
Ion Ratio Lower Upper
107 100
109 90.9 64.1 119.1
188 4.4 2.6 3.8

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

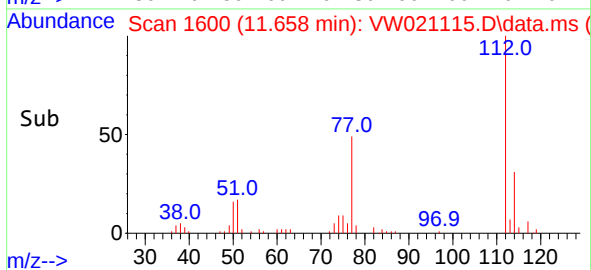
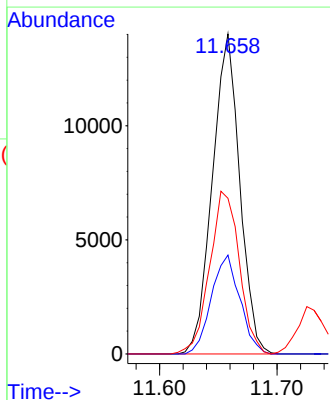
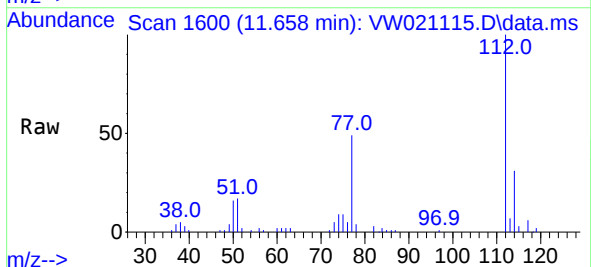
12/07/2021
Supervised By :Mahesh
Dadoda

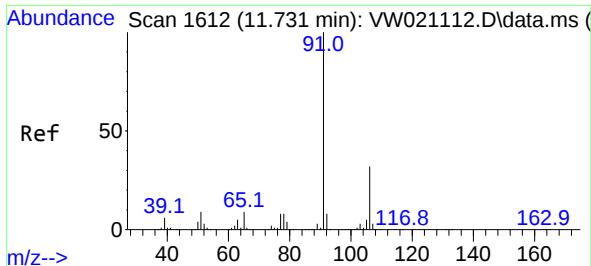
12/08/2021



#51
Chlorobenzene
Concen: 21.386 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion:112 Resp: 22688
Ion Ratio Lower Upper
112 100
114 30.9 22.4 41.6
77 48.6 50.2 75.4





#52
Ethylbenzene
Concen: 20.836 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS

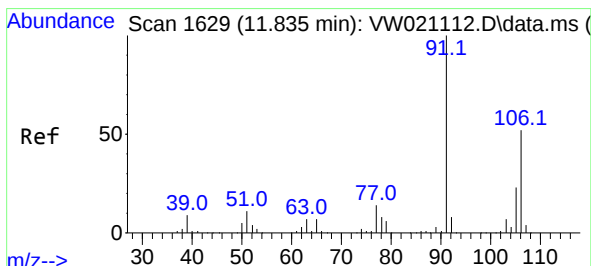
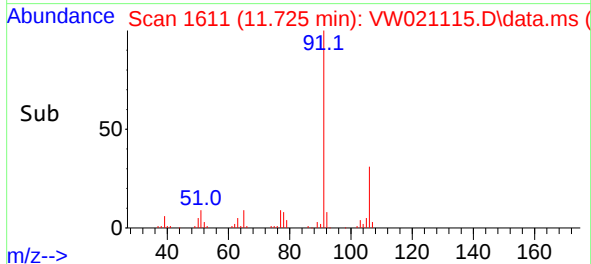
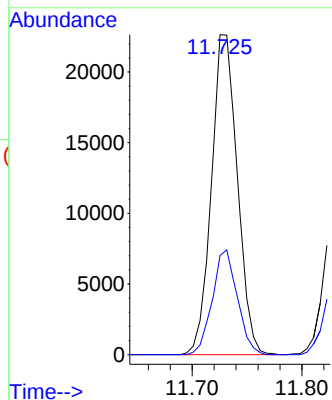
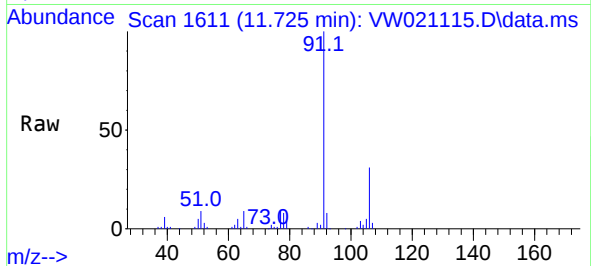
Tgt Ion: 91 Resp: 3724
Ion Ratio Lower Upper
91 100
106 31.0 21.5 39.9

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

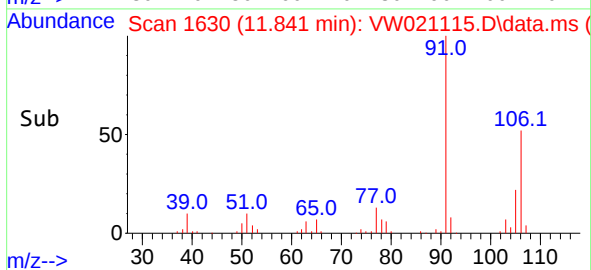
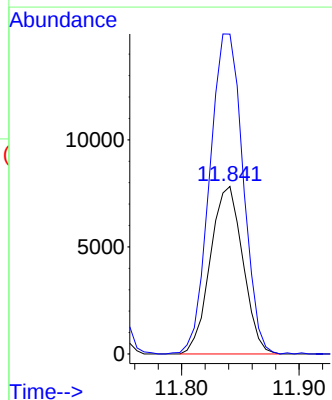
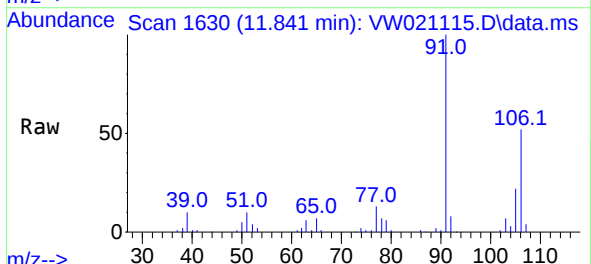
12/07/2021
Supervised By :Mahesh
Dadoda

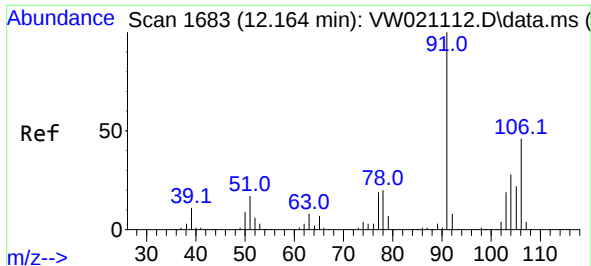
12/08/2021



#53
m,p-Xylene
Concen: 20.385 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion:106 Resp: 15073
Ion Ratio Lower Upper
106 100
91 190.9 149.9 278.3





#54
o-Xylene
Concen: 20.117 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS

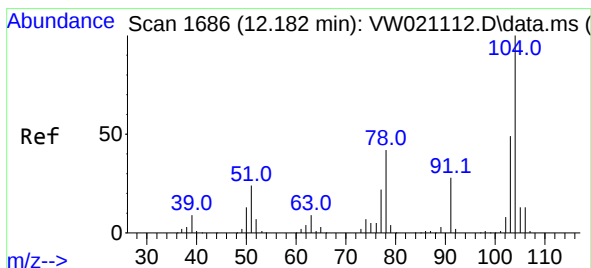
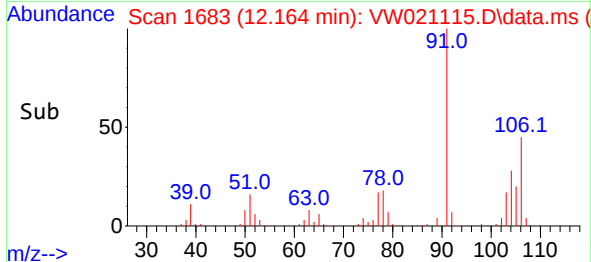
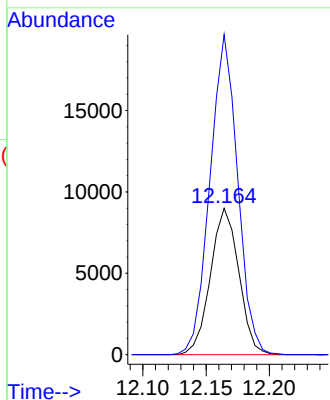
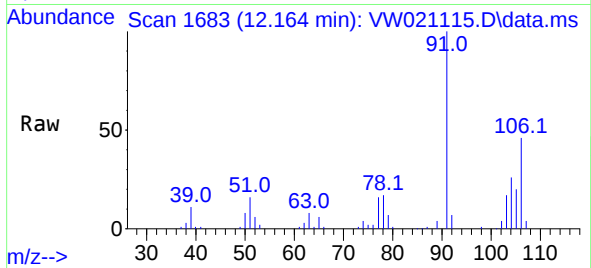
Tgt Ion:106 Resp: 14024
Ion Ratio Lower Upper
106 100
91 218.5 153.6 285.3

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

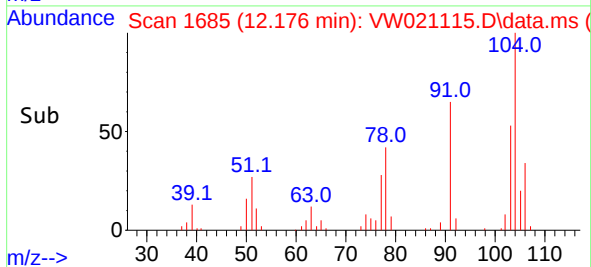
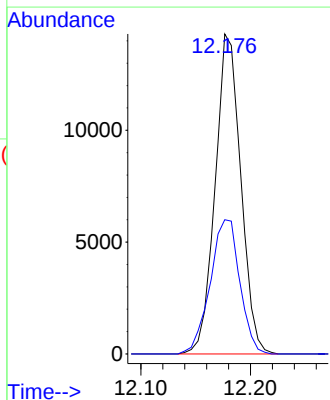
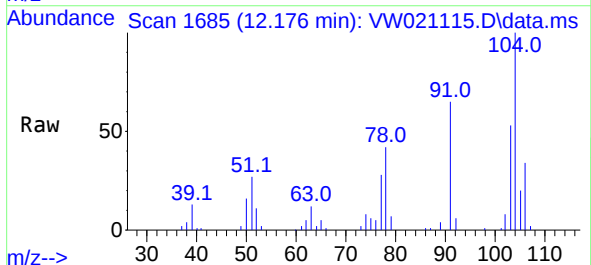
12/07/2021
Supervised By :Mahesh
Dadoda

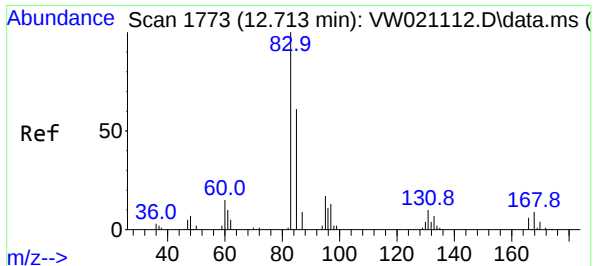
12/08/2021



#55
Styrene
Concen: 19.584 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion:104 Resp: 23261
Ion Ratio Lower Upper
104 100
78 42.0 34.4 64.0





#57
1,1,2,2-Tetrachloroethane
Concen: 21.306 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS

Tgt Ion: 83 Resp: 6750

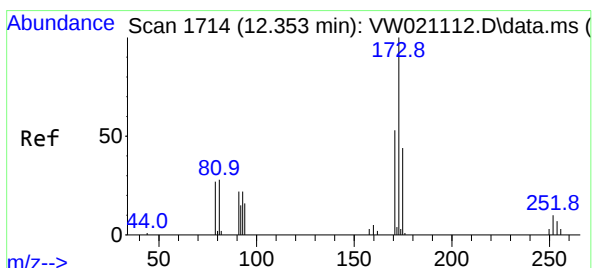
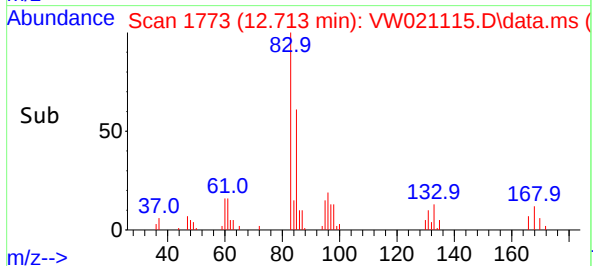
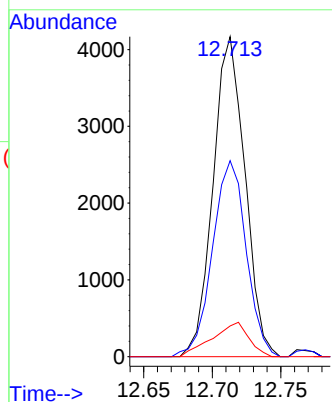
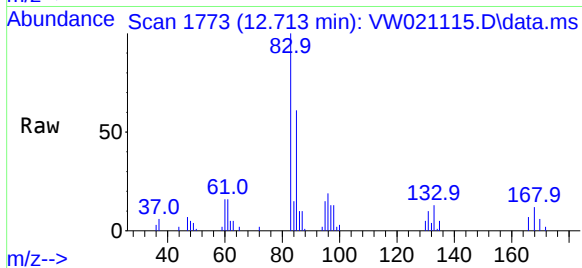
Ion	Ratio	Lower	Upper
83	100		
85	61.3	44.0	81.6
131	9.6	6.9	10.3

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

12/07/2021
Supervised By :Mahesh
Dadoda

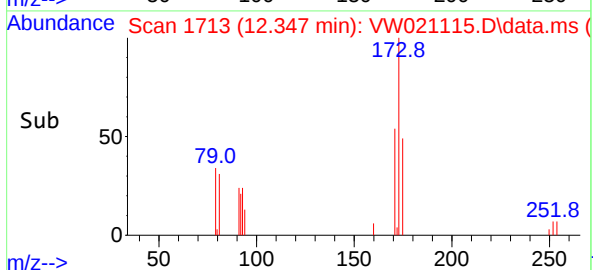
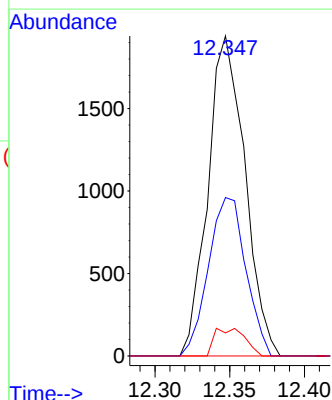
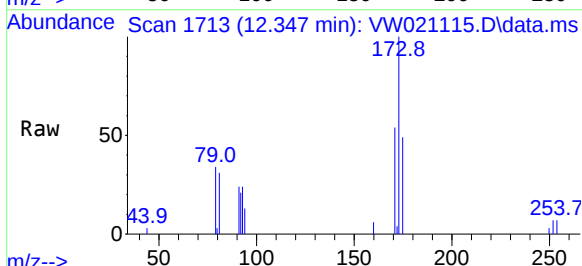
12/08/2021

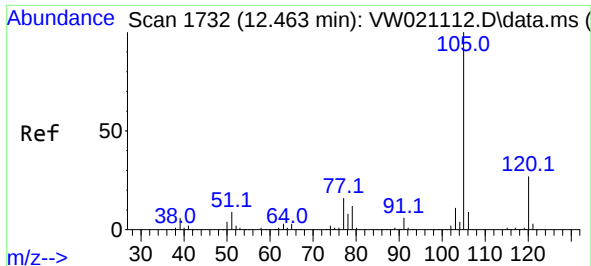


#59
Bromoform
Concen: 17.879 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion:173 Resp: 3337

Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.6	59.4
254	7.1	7.4	11.0





#60
Isopropylbenzene
Concen: 20.752 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS

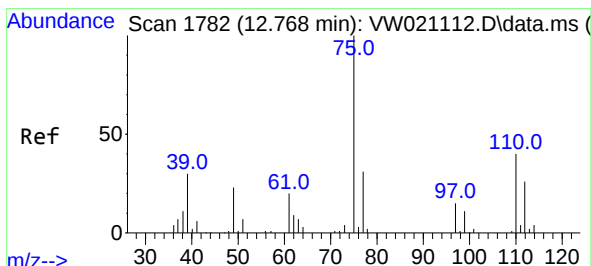
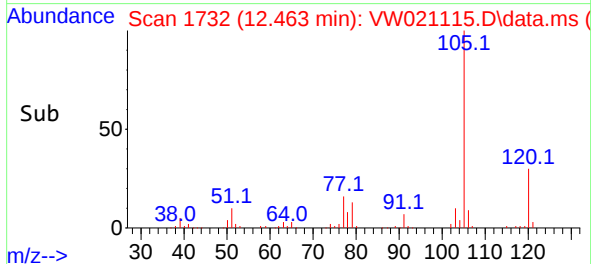
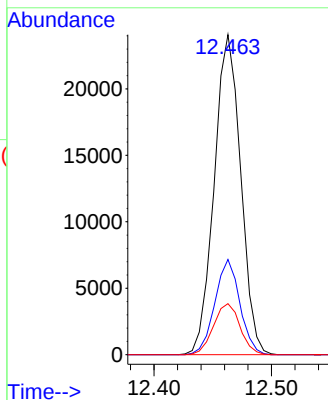
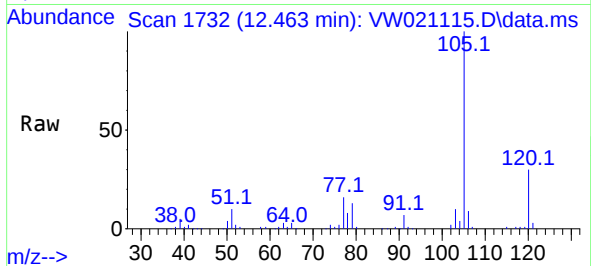
Tgt Ion:105 Resp: 3774
Ion Ratio Lower Upper
105 100
120 28.1 20.1 30.1
77 16.0 13.8 20.8

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

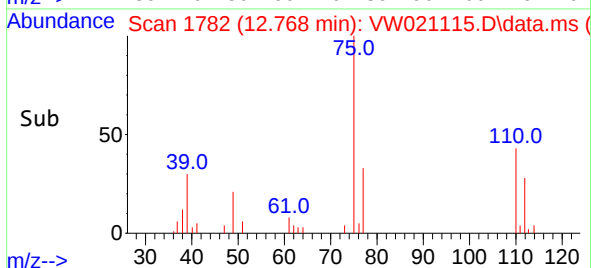
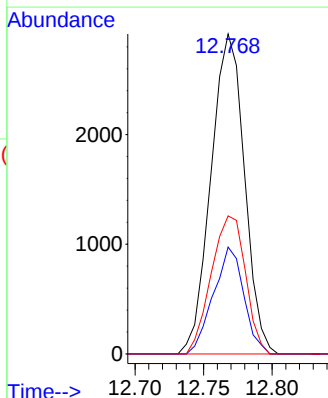
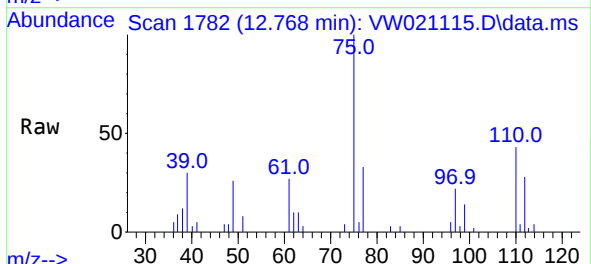
12/07/2021
Supervised By :Mahesh
Dadoda

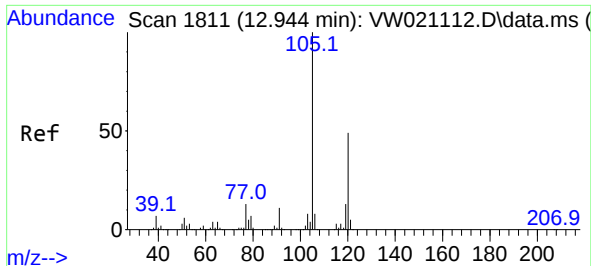
12/08/2021



#61
1,2,3-Trichloropropane
Concen: 22.628 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion: 75 Resp: 4961
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.8
110 44.0 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 20.389 ug/L

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

ClientSampleId :

EW9M4MS

Tgt Ion:105 Resp: 31058

Ion Ratio Lower Upper

105 100

120 51.0 37.4 56.2

Manual Integrations

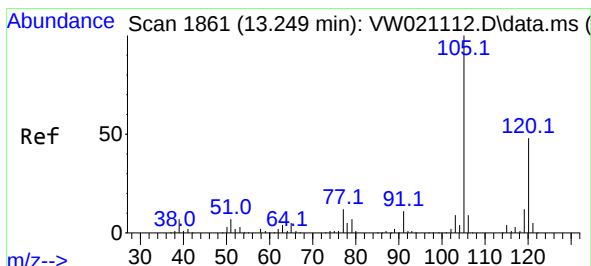
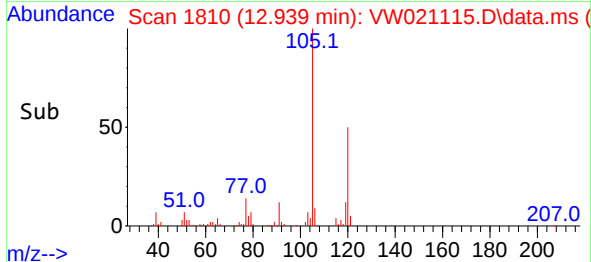
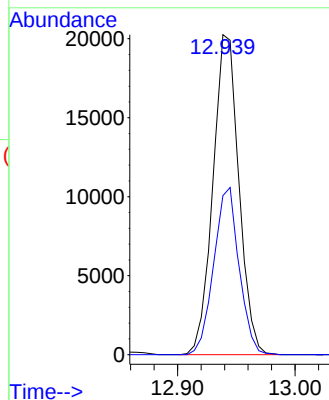
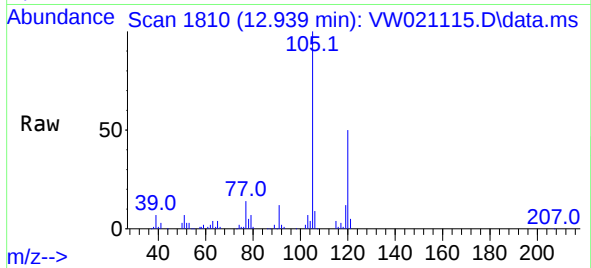
APPROVED

Reviewed By :Semsettin
Yesilyurt

12/07/2021

Supervised By :Mahesh
Dadoda

12/08/2021



#63

1,2,4-Trimethylbenzene

Concen: 20.117 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021115.D

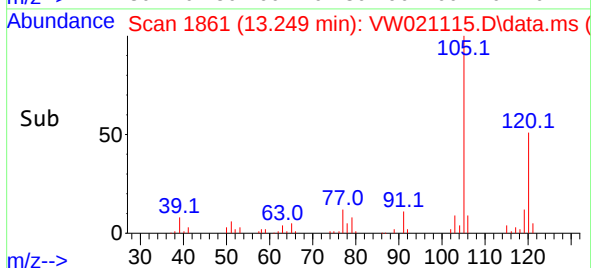
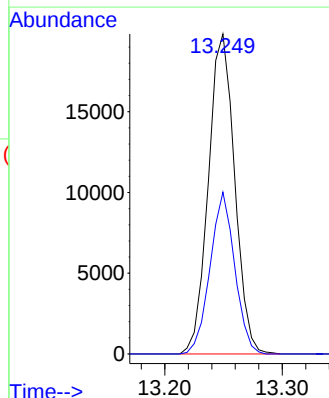
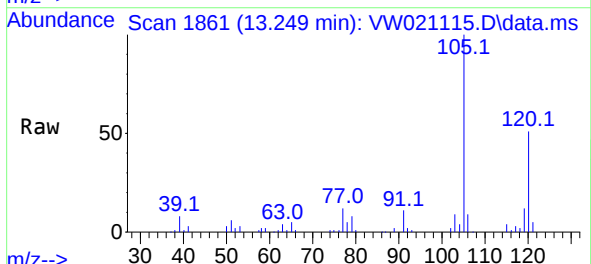
Acq: 04 Dec 2021 13:48

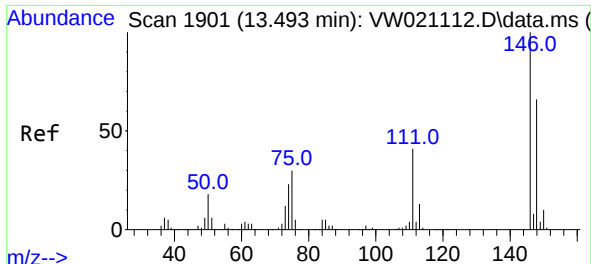
Tgt Ion:105 Resp: 30819

Ion Ratio Lower Upper

105 100

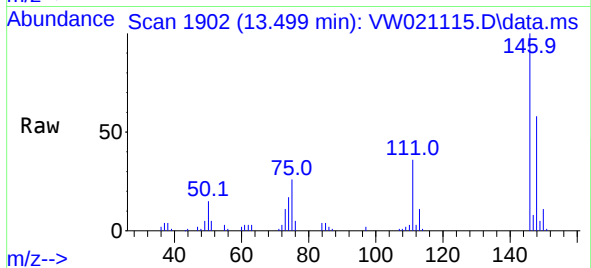
120 47.2 35.0 52.6





#64
1,3-Dichlorobenzene
Concen: 21.468 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS



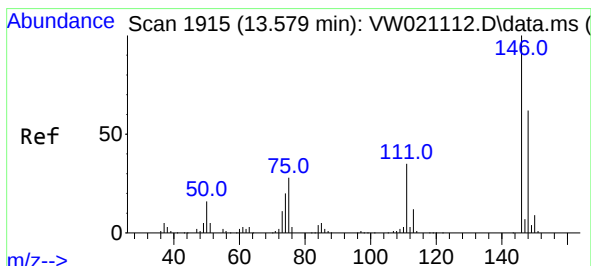
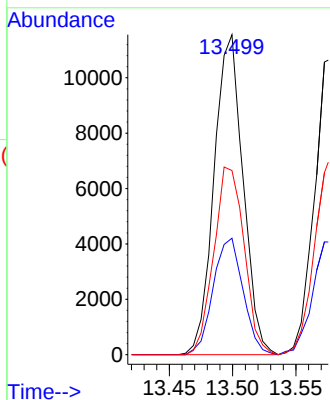
Tgt Ion:146 Resp: 18380
Ion Ratio Lower Upper
146 100
111 36.4 29.8 55.3
148 57.6 46.2 85.8

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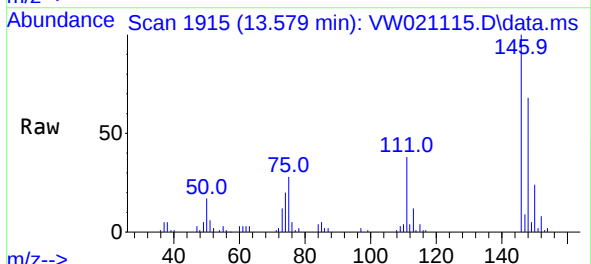
Reviewed By :Semsettin
Yesilyurt

12/07/2021
Supervised By :Mahesh
Dadoda

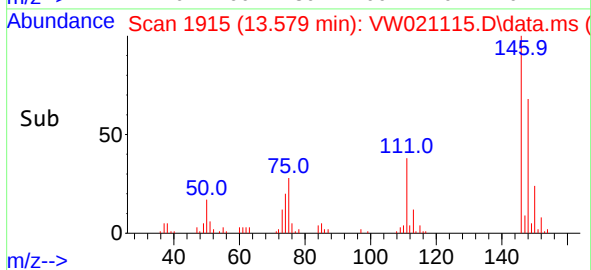
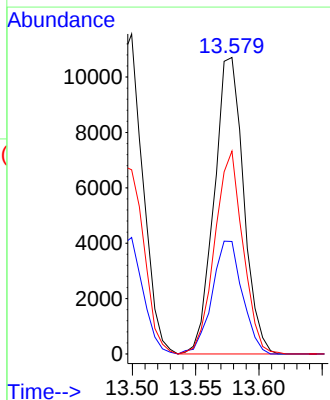
12/08/2021

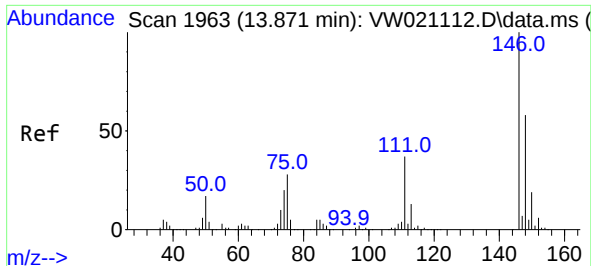


#65
1,4-Dichlorobenzene
Concen: 19.978 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48



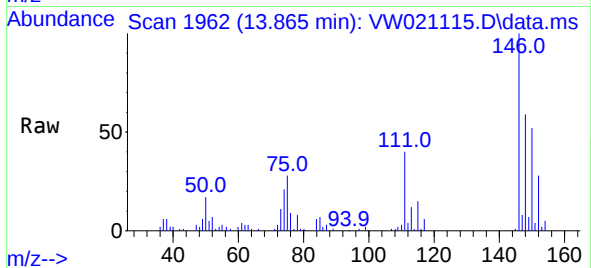
Tgt Ion:146 Resp: 17293
Ion Ratio Lower Upper
146 100
111 38.0 29.0 53.9
148 68.4 46.9 87.1





#67
1,2-Dichlorobenzene
Concen: 21.472 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS



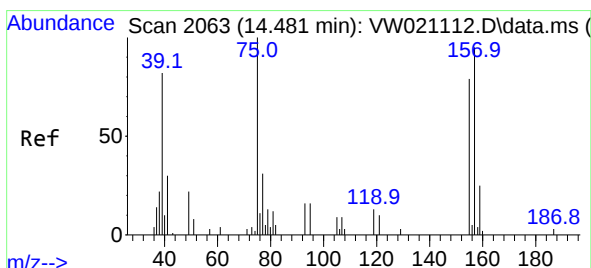
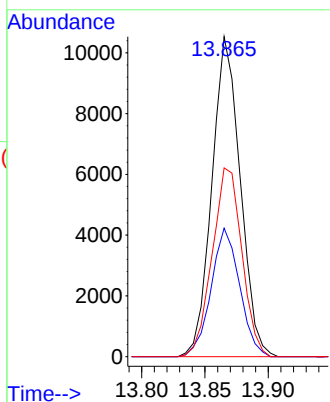
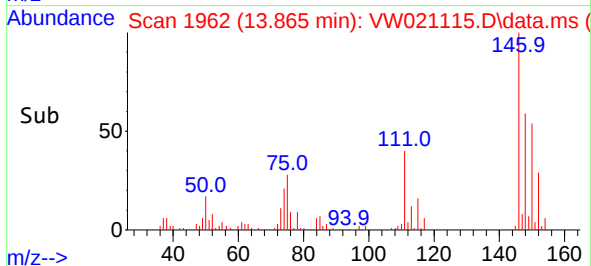
Tgt Ion:146 Resp: 16374
Ion Ratio Lower Upper
146 100
111 40.1 33.1 49.7
148 59.0 47.4 71.2

Manual Integrations
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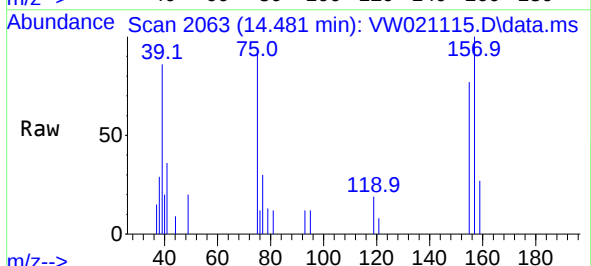
Reviewed By :Semsettin
Yesilyurt

12/07/2021
Supervised By :Mahesh
Dadoda

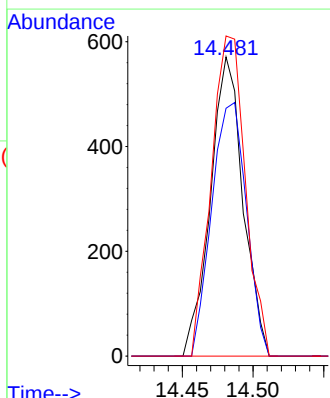
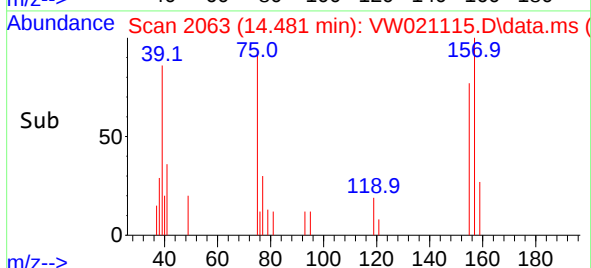
12/08/2021

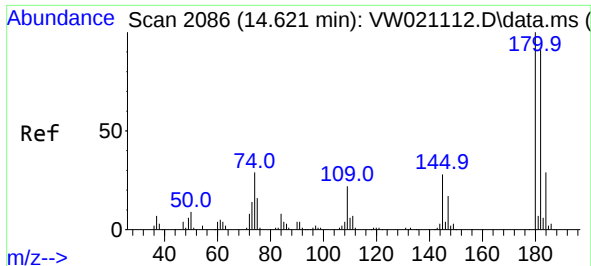


#68
1,2-Dibromo-3-chloropropane
Concen: 18.543 ug/L m
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48



Tgt Ion: 75 Resp: 918
Ion Ratio Lower Upper
75 100
155 82.8 54.2 81.2#
157 107.0 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 19.095 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

Instrument :

MSVOA_W

ClientSampleId :

EW9M4MS

Tgt Ion:180 Resp: 12019

Ion Ratio Lower Upper

180 100

182 97.5 75.4 113.0

184 31.8 23.8 35.8

145 30.5 23.8 35.8

Manual Integrations

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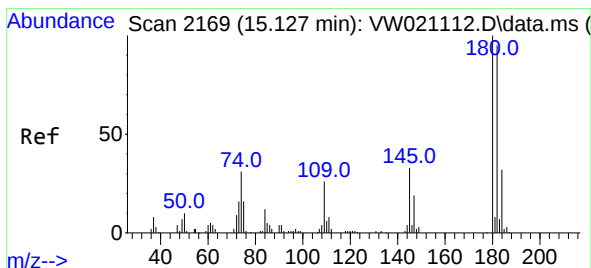
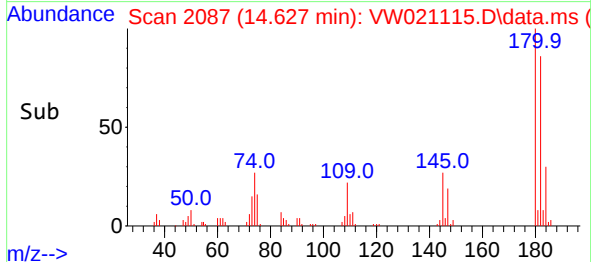
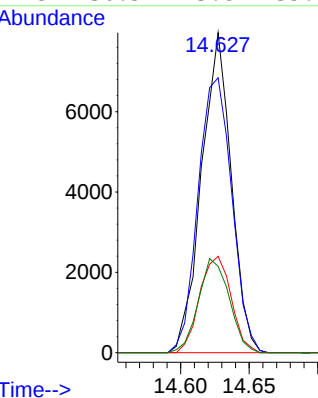
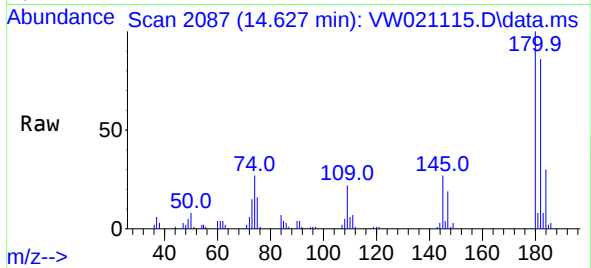
Reviewed By :Semsettin

Yesilyurt

12/07/2021

Supervised By :Mahesh
Dadoda

12/08/2021



#70

1,2,4-trichlorobenzene

Concen: 20.067 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021115.D

Acq: 04 Dec 2021 13:48

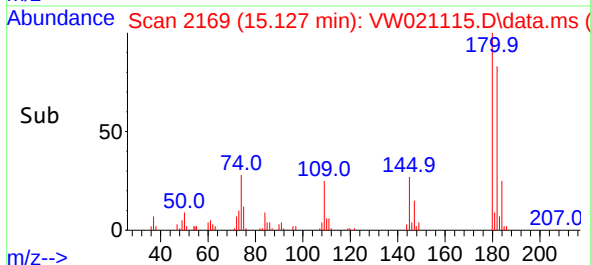
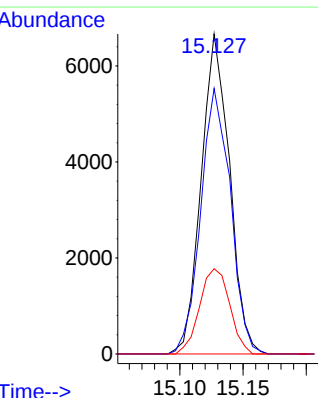
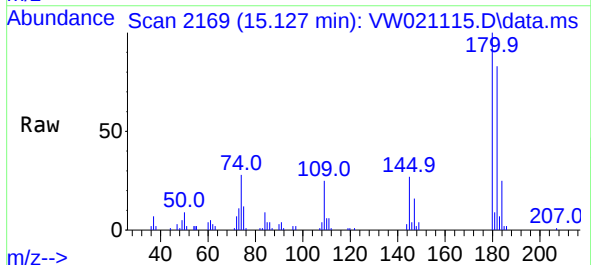
Tgt Ion:180 Resp: 10379

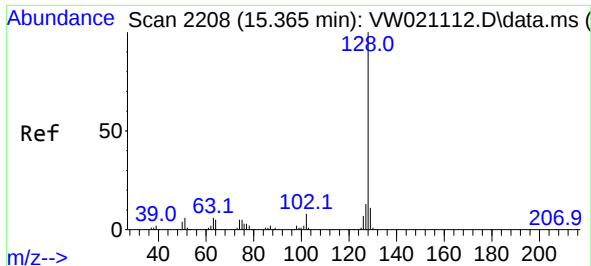
Ion Ratio Lower Upper

180 100

182 87.0 79.0 118.6

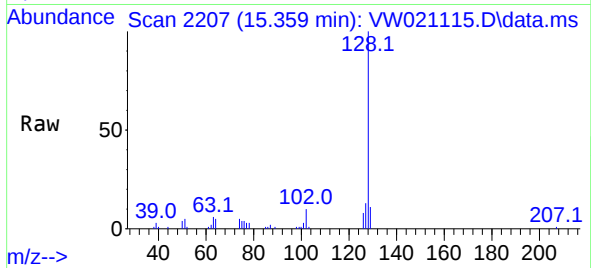
145 28.3 26.0 39.0





#71
Naphthalene
Concen: 17.641 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS



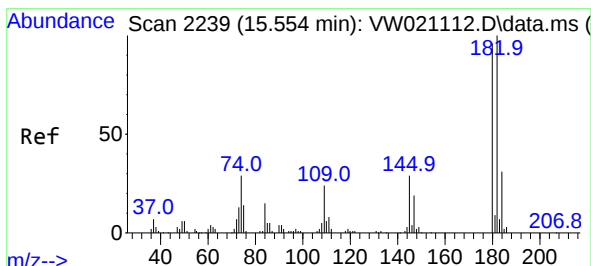
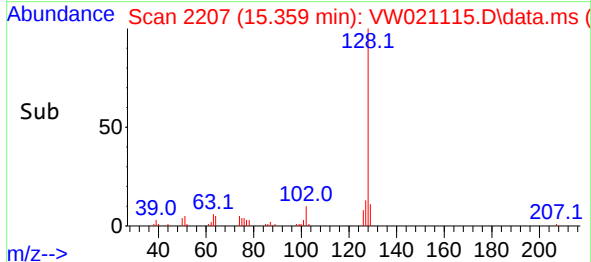
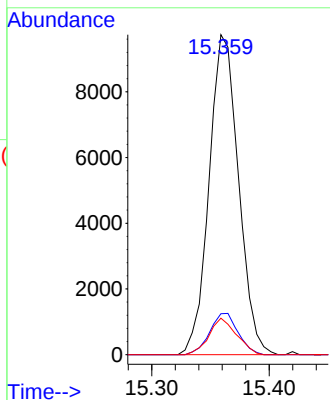
Tgt Ion:128 Resp: 1696
Ion Ratio Lower Upper
128 100
127 12.5 10.7 16.1
129 10.7 8.6 12.8

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

12/07/2021
Supervised By :Mahesh
Dadoda

12/08/2021



#72
1,2,3-Trichlorobenzene
Concen: 17.506 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW021115.D
Acq: 04 Dec 2021 13:48

Tgt Ion:180 Resp: 7902
Ion Ratio Lower Upper
180 100
182 100.9 76.6 114.8
145 33.7 27.4 41.0

