

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
 Data File : VU046648.D
 Acq On : 30 Dec 2021 14:59
 Operator : SY/MD
 Sample : VU1230WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1230WBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/31/2021
 Supervised By : Mahesh Dadoda 01/03/2022

Quant Time: Dec 31 07:24:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Dec 30 12:44:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	19556	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	6972	1.002	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	7423	0.986	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	13930	1.858	ug/l	99
3) Chloromethane	1.523	50	12301	1.856	ug/l	98
4) Vinyl Chloride	1.607	62	12569	1.764	ug/l	100
5) Bromomethane	1.864	94	6898	1.854	ug/l	99
6) Chloroethane	1.938	64	7916	1.873	ug/l	95
7) Trichlorofluoromethane	2.144	101	18173	1.821	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	10311	1.856	ug/l	97
9) 1,1-Dichloroethene	2.587	96	9307	1.785	ug/l	97
10) Iodomethane	2.729	142	8283	2.073	ug/l	# 86
11) Allyl Chloride	2.928	41	11739	1.785	ug/l	94
12) Acrylonitrile	3.343	53	4602	3.306	ug/l	89
13) Acetone	2.661	43	11121m	8.877	ug/l	
14) Carbon Disulfide	2.800	76	30786	1.847	ug/l	98
15) Methylene Chloride	3.050	84	12051	1.928	ug/l	95
16) trans-1,2-Dichloroethene	3.362	96	9701	1.781	ug/l	95
17) 1,1-Dichloroethane	3.877	63	18569	1.827	ug/l	97
18) 2-Butanone	4.726	43	15013	8.020	ug/l	97
19) Cyclohexane	5.394	56	10991	1.651	ug/l	# 81
20) Methylcyclohexane	6.767	83	12865	1.636	ug/l	99
21) 2,2-Dichloropropane	4.671	77	15280	1.764	ug/l	98
22) cis-1,2-Dichloroethene	4.674	96	9901	1.698	ug/l	99
23) Diethyl Ether	2.382	59	6857	1.761	ug/l	93
24) tert-Butyl Alcohol	3.359	59	7027m	18.252	ug/l	
25) Methyl tert-Butyl Ether	3.369	73	21205	1.682	ug/l	99
26) Bromochloromethane	4.976	128	5210	1.806	ug/l	93
27) Chloroform	5.092	83	20281	1.798	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	17512	1.800	ug/l	96
29) 1,1-Dichloropropene	5.529	75	13461	1.758	ug/l	100
30) Carbon Tetrachloride	5.529	117	16217	1.827	ug/l	98
31) Isopropyl Ether	3.996	45	21561	1.704	ug/l	89
32) Ethyl-t-butyl ether	4.504	59	20837	1.666	ug/l	94
33) Tert-Amyl methyl ether	5.944	73	19625	1.628	ug/l	96
34) Propionitrile	4.812	54	4594	8.281	ug/l	# 94
35) Benzene	5.777	78	40175	1.836	ug/l	96
36) 1,2-Dichloroethane	5.800	62	13463	1.794	ug/l	99
37) Trichloroethene	6.549	130	10164	1.818	ug/l	94
38) 1,2-Dichloropropane	6.796	63	10404	1.796	ug/l	94
39) Methacrylonitrile	4.986	41	3195	1.720	ug/l	93
40) Methyl acrylate	4.854	55	6021	1.848	ug/l	# 92
41) Tetrahydrofuran	5.076	42	3375	3.578	ug/l	# 69
42) 1-Chlorobutane	5.462	56	17847	1.774	ug/l	98
43) Dibromomethane	6.925	93	6138	1.790	ug/l	96
44) Bromodichloromethane	7.108	83	15578	1.826	ug/l	100

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Instrument :
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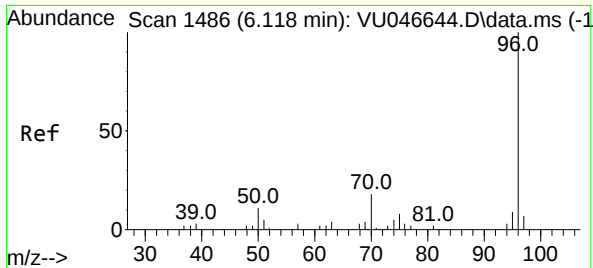
Manual Integrations
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 Supervised By :Mahesh Dadoda 01/03/2022

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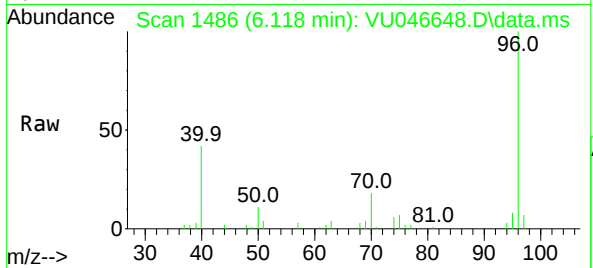
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	30109	8.212	ug/l	95
46) t-1,4-Dichloro-2-butene	10.828	75	8524m	4.314	ug/l	
47) Methyl methacrylate	6.967	69	9289	3.331	ug/l	91
48) Ethyl methacrylate	8.336	69	7894	1.588	ug/l	91
49) Toluene	7.973	92	22242	1.737	ug/l	100
50) t-1,3-Dichloropropene	8.214	75	12795	1.741	ug/l	97
51) cis-1,3-Dichloropropene	7.610	75	13988	1.728	ug/l	92
52) 1,1,2-Trichloroethane	8.404	97	8445	1.771	ug/l	99
53) 1,3-Dichloropropane	8.578	76	14126	1.735	ug/l	100
54) 2-Hexanone	8.690	43	21533	8.037	ug/l	95
55) Dibromochloromethane	8.812	129	11159	1.872	ug/l	97
56) 1,2-Dibromoethane	8.928	107	7833	1.725	ug/l	94
58) Tetrachloroethene	8.555	164	9177	1.857	ug/l	96
59) Chlorobenzene	9.449	112	24202	1.752	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	10631	1.832	ug/l	98
61) Pentachloroethane	11.430	117	8539	1.765	ug/l	100
62) Hexachloroethane	12.478	117	8970	1.849	ug/l	97
63) Ethyl Benzene	9.574	91	36514	1.610	ug/l	100
64) m/p-Xylenes	9.697	106	29303	3.254	ug/l	99
65) o-Xylene	10.105	106	14275	1.677	ug/l	96
66) Styrene	10.118	104	24854	1.670	ug/l	96
67) Bromoform	10.295	173	6396	1.789	ug/l	98
69) Isopropylbenzene	10.487	105	36655	1.634	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.787	83	11328	1.775	ug/l	98
71) 1,2,3-Trichloropropane	10.828	75	6840m	1.676	ug/l	
72) Bromobenzene	10.783	156	10887	1.826	ug/l	86
73) n-propylbenzene	10.909	120	10050	1.570	ug/l	94
74) 2-Chlorotoluene	10.989	126	9903	1.790	ug/l	97
75) 1,3,5-Trimethylbenzene	11.092	105	31814	1.777	ug/l	98
76) 4-Chlorotoluene	11.102	126	10822	1.841	ug/l	89
77) tert-Butylbenzene	11.423	119	32240	1.691	ug/l	96
78) 1,2,4-Trimethylbenzene	11.471	105	31887	1.749	ug/l	99
79) sec-Butylbenzene	11.648	105	45184	1.749	ug/l	100
80) Nitrobenzene	13.214	77	2258	10.112	ug/l #	92
81) p-Isopropyltoluene	11.796	119	34978	1.792	ug/l	98
82) 1,3-Dichlorobenzene	11.748	146	21906	1.792	ug/l	99
83) 1,4-Dichlorobenzene	11.841	146	22212	1.818	ug/l	99
84) n-Butylbenzene	12.211	91	33961	1.670	ug/l	96
85) 1,2-Dichlorobenzene	12.217	146	20928	1.786	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.002	75	1994	1.696	ug/l	90
87) 1,2,4-Trichlorobenzene	13.844	180	11933	1.679	ug/l	99
88) Hexachlorobutadiene	14.024	225	7593	1.735	ug/l	99
89) Naphthalene	14.089	128	19260	1.731	ug/l	97
90) 1,2,3-Trichlorobenzene	14.333	180	11816	1.706	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

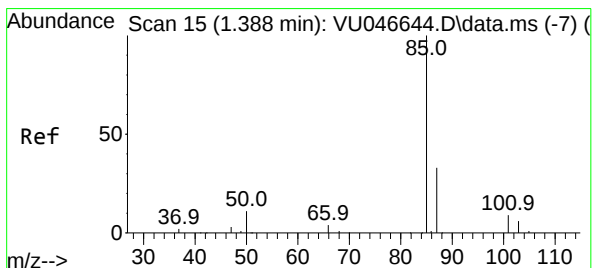
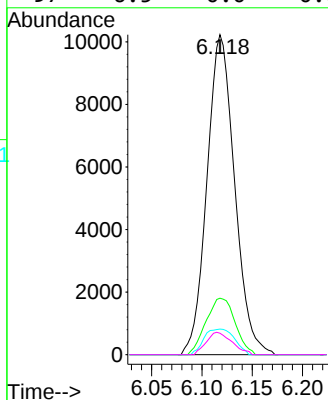
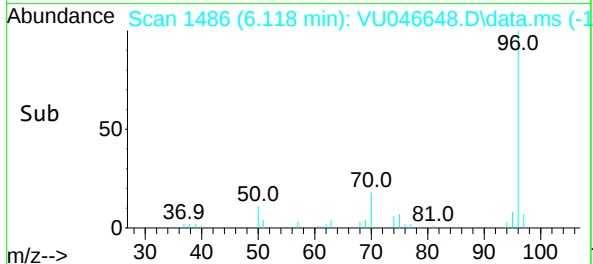
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



Tgt Ion: 96 Resp: 19550
Ion Ratio Lower Upper
96 100
70 18.6 16.8 25.2
95 8.8 7.3 10.9
97 6.5 0.0 0.0#

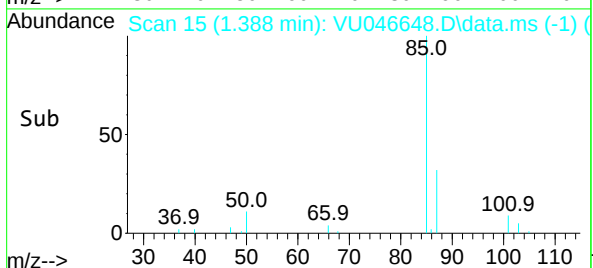
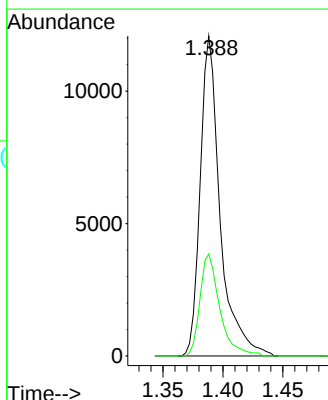
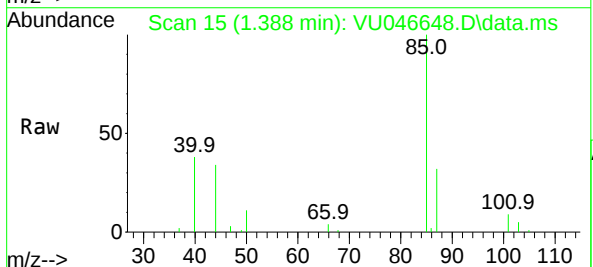
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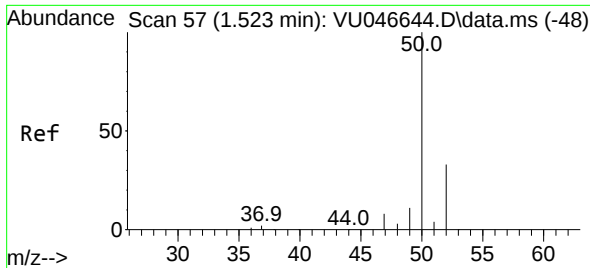
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#2
Dichlorodifluoromethane
Concen: 1.858 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

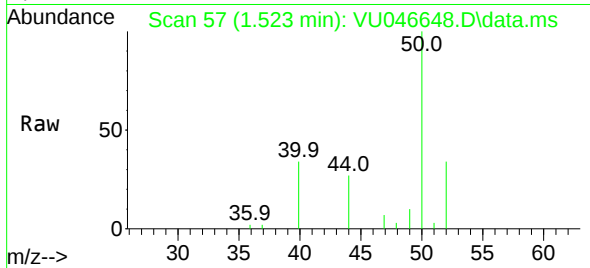
Tgt Ion: 85 Resp: 13930
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.6





#3
Chloromethane
Concen: 1.856 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

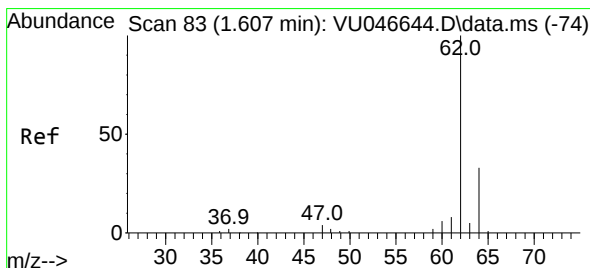
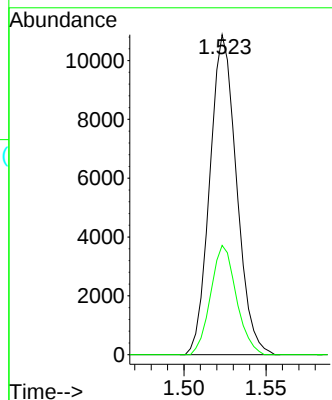
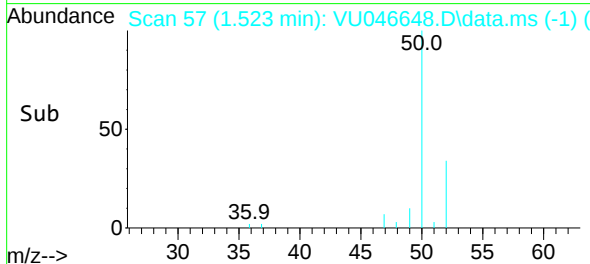
Instrument :
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ClientSampleId :
VU1230WBS01



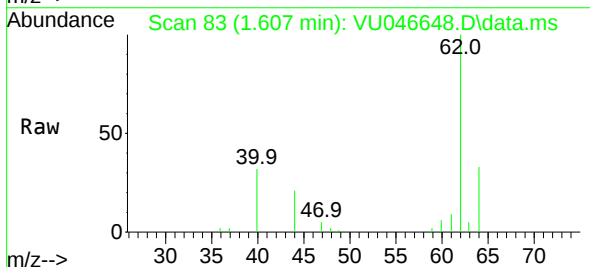
Tgt Ion: 50 Resp: 1230
Ion Ratio Lower Upper
50 100
52 34.2 26.2 39.4

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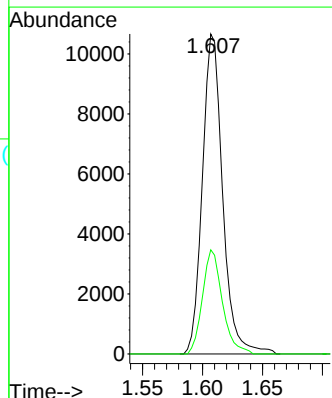
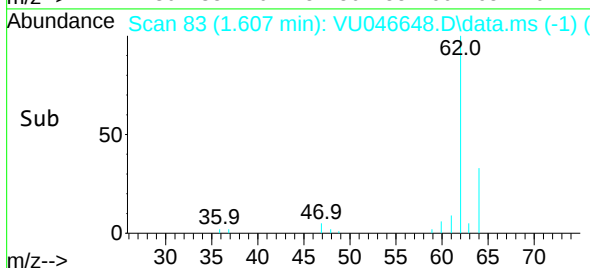
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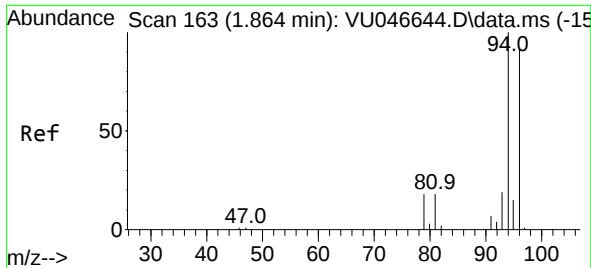


#4
Vinyl Chloride
Concen: 1.764 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



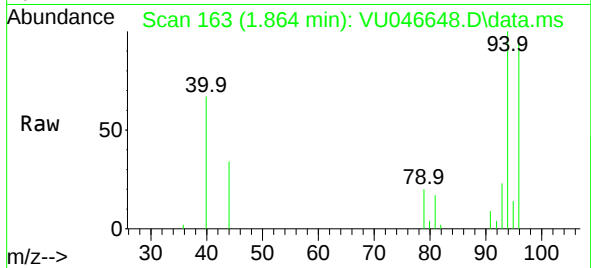
Tgt Ion: 62 Resp: 12569
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0





#5
Bromomethane
Concen: 1.854 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

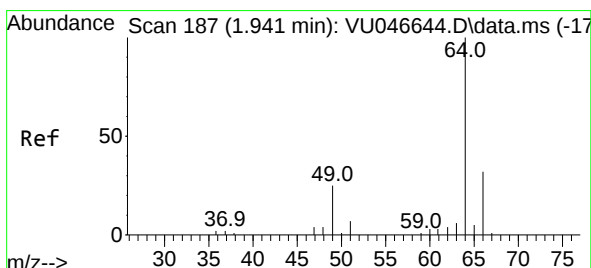
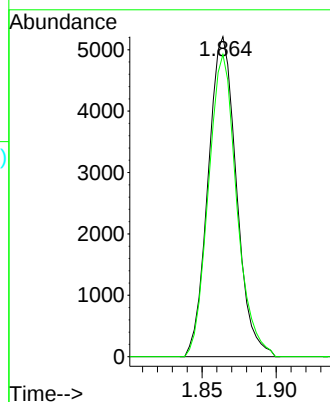
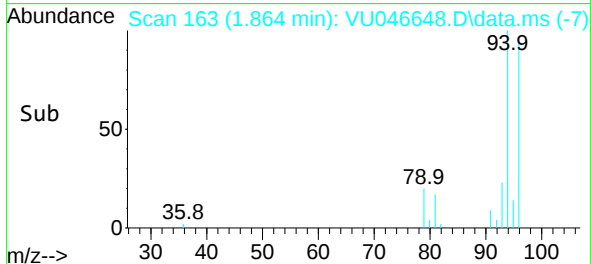
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



Tgt Ion: 94 Resp: 6898
Ion Ratio Lower Upper
94 100
96 94.5 75.0 112.4

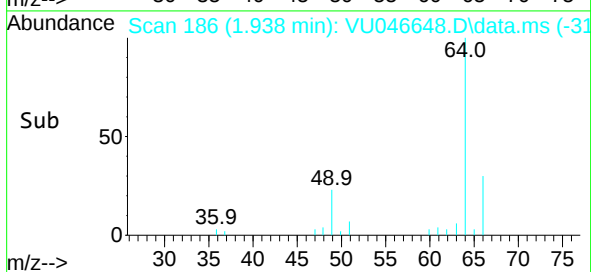
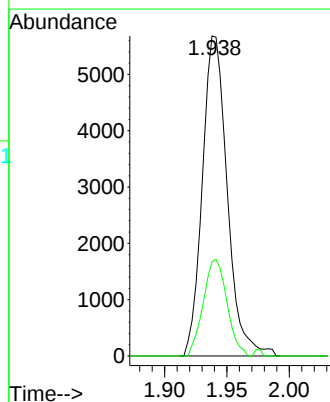
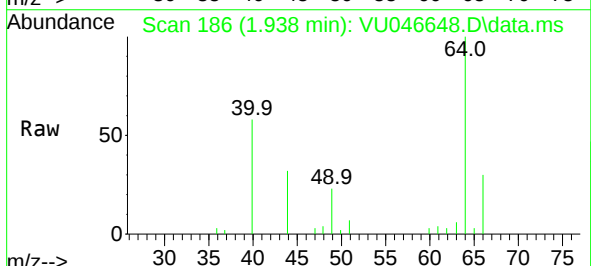
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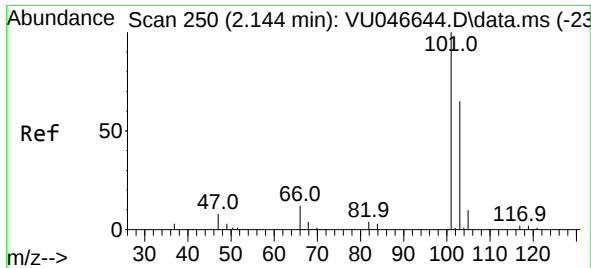
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#6
Chloroethane
Concen: 1.873 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

Tgt Ion: 64 Resp: 7916
Ion Ratio Lower Upper
64 100
66 29.5 25.8 38.8





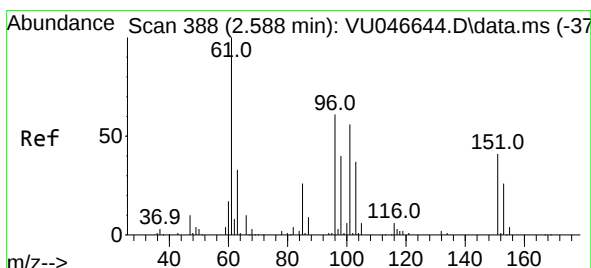
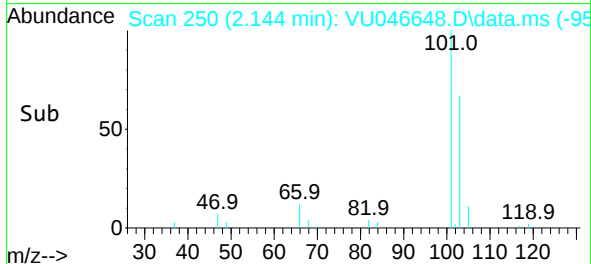
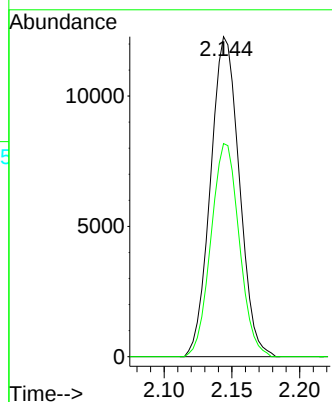
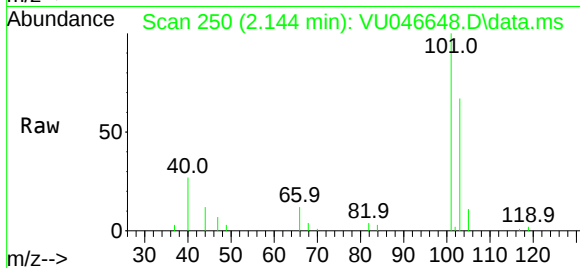
#7
Trichlorofluoromethane
Concen: 1.821 ug/l
RT: 2.144 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 1817
Ion Ratio Lower Upper
101 100
103 66.6 52.2 78.2

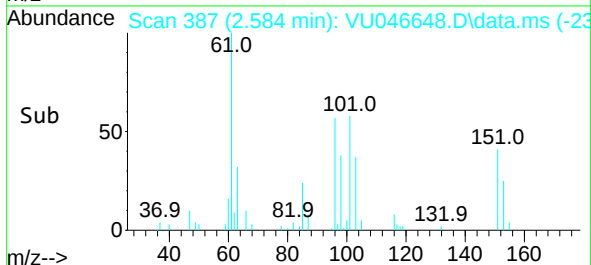
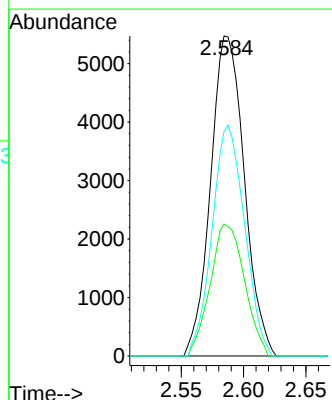
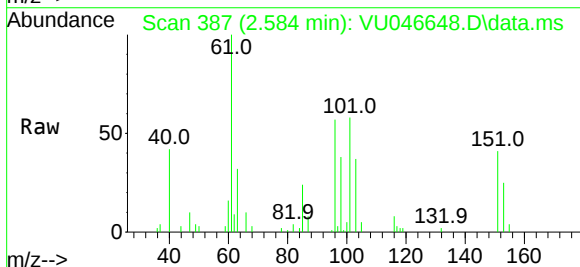
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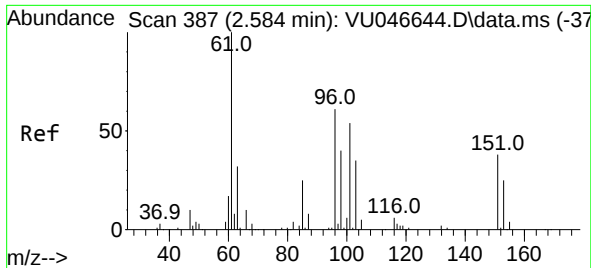
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.856 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.004 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

Tgt Ion:101 Resp: 10311
Ion Ratio Lower Upper
101 100
85 41.9 35.8 53.6
151 69.5 54.6 81.8





#9

1,1-Dichloroethene

Concen: 1.785 ug/l

RT: 2.587 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

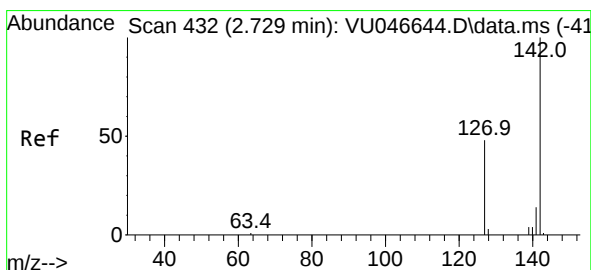
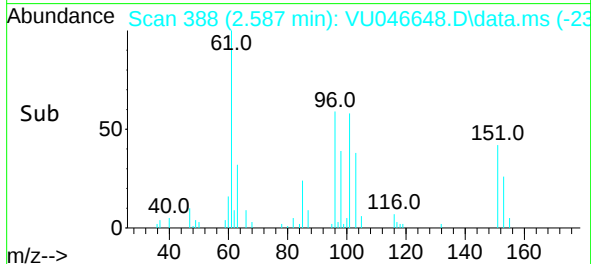
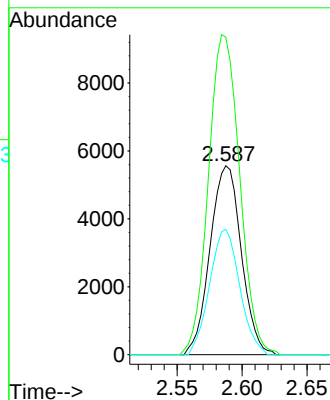
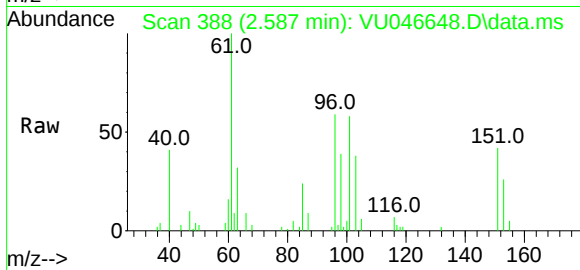
VU1230WBS01

Tgt Ion:	96	Resp:	930
Ion Ratio	Lower	Upper	
96	100		
61	168.1	0.0	514.2
98	66.4	0.0	126.4

Manual Integrations

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#10

Iodomethane

Concen: 2.073 ug/l

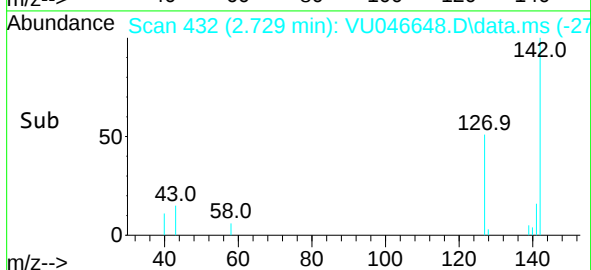
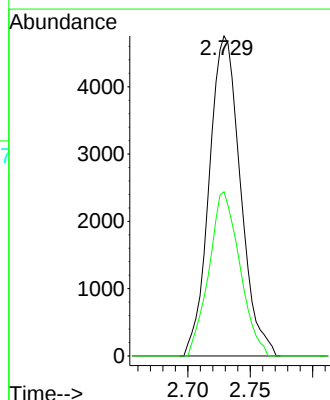
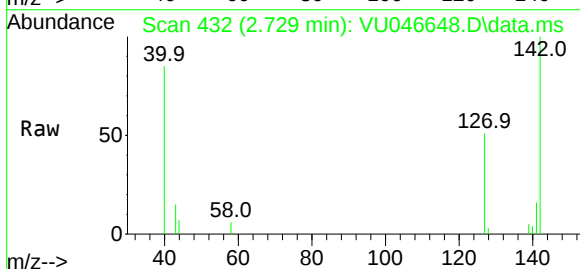
RT: 2.729 min Scan# 432

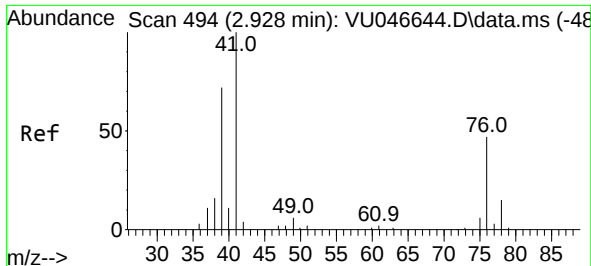
Delta R.T. -0.000 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Tgt Ion:	142	Resp:	8283
Ion Ratio	Lower	Upper	
142	100		
127	50.6	33.2	49.8





#11

Allyl Chloride

Concen: 1.785 ug/l

RT: 2.928 min Scan# 494

Delta R.T. 0.000 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBS01

Tgt Ion: 41 Resp: 11739

Ion Ratio Lower Upper

41 100

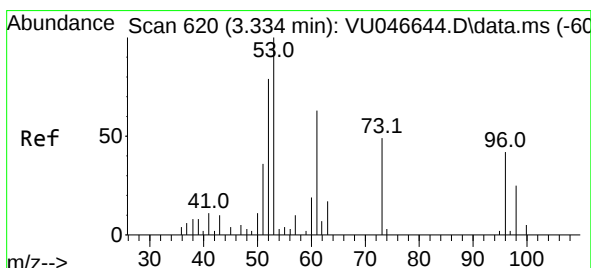
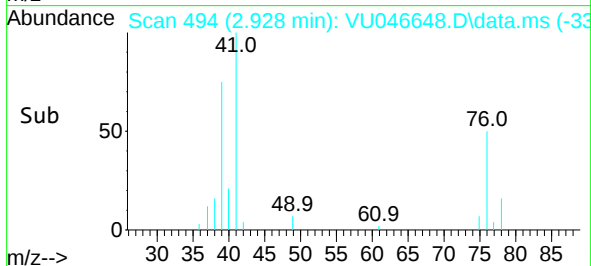
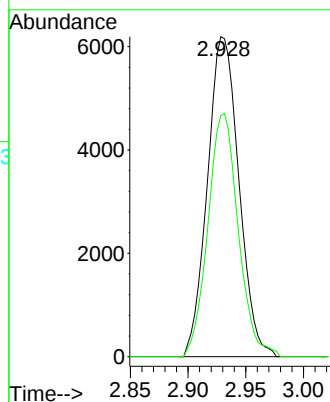
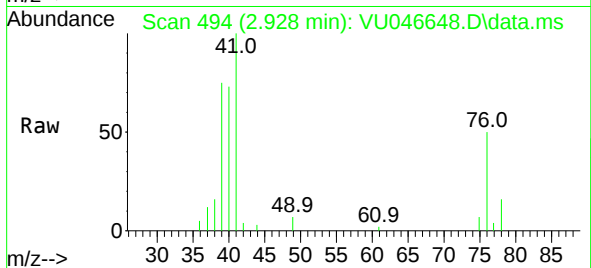
39 73.2 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#12

Acrylonitrile

Concen: 3.306 ug/l

RT: 3.343 min Scan# 623

Delta R.T. 0.009 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

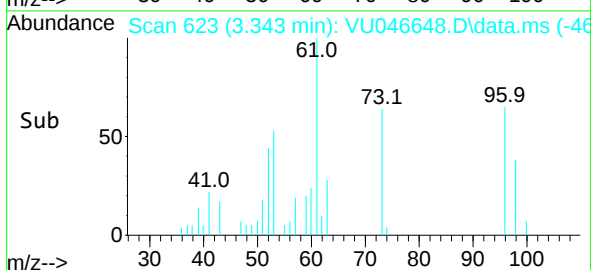
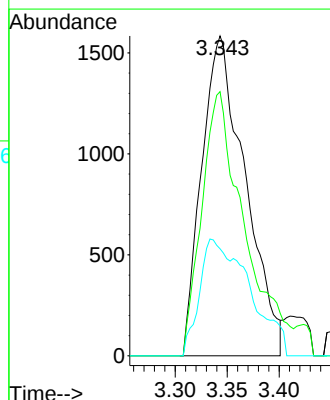
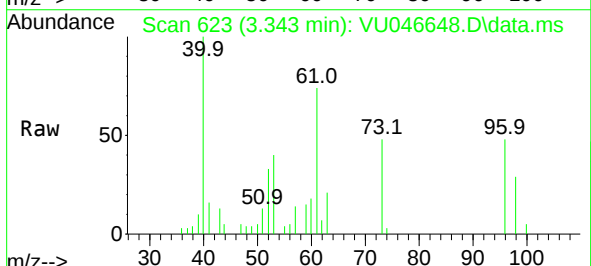
Tgt Ion: 53 Resp: 4602

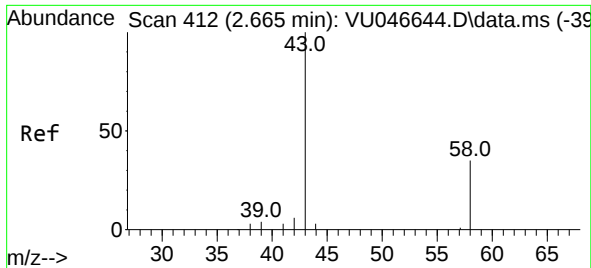
Ion Ratio Lower Upper

53 100

52 81.4 56.7 85.1

51 42.1 30.3 45.5





#13

Acetone

Concen: 8.877 ug/l m

RT: 2.661 min Scan# 41

Delta R.T. -0.004 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBS01

Tgt Ion: 43 Resp: 1112

Ion Ratio Lower Upper

43 100

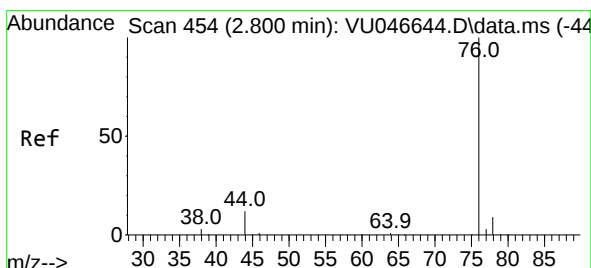
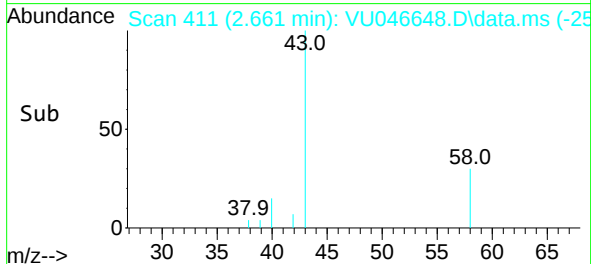
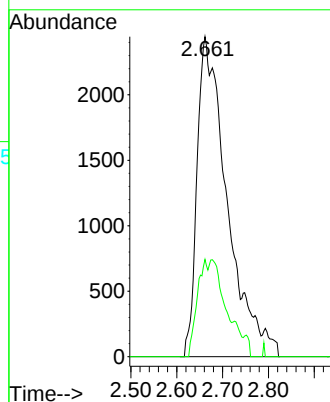
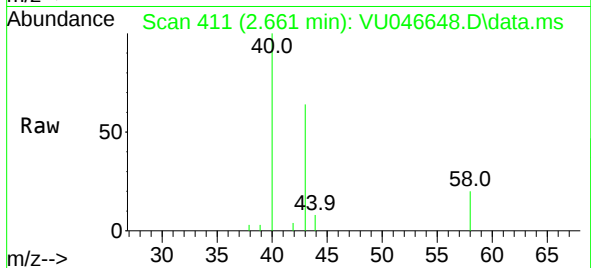
58 30.4 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#14

Carbon Disulfide

Concen: 1.847 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046648.D

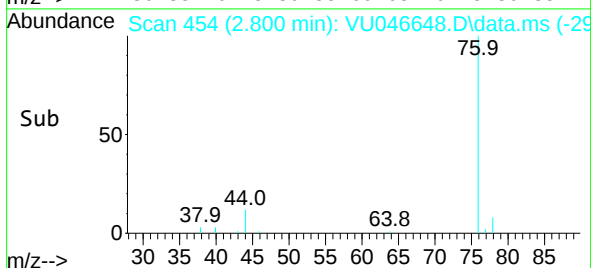
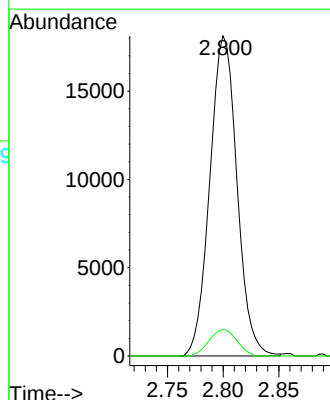
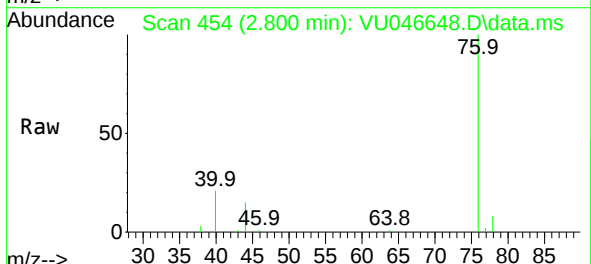
Acq: 30 Dec 2021 14:59

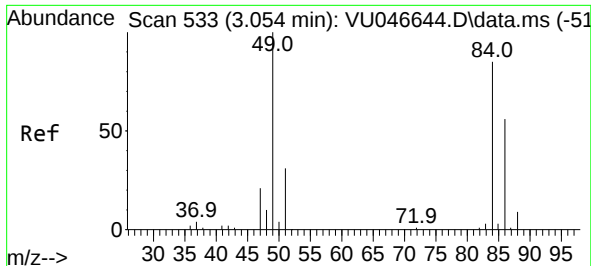
Tgt Ion: 76 Resp: 30786

Ion Ratio Lower Upper

76 100

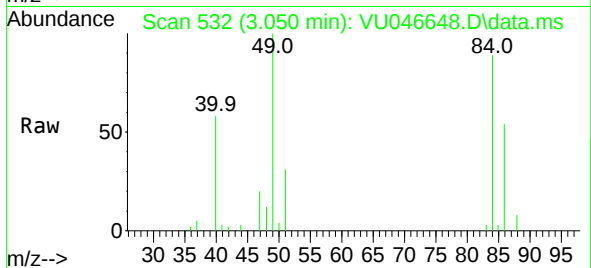
78 8.3 7.1 10.7





#15
Methylene Chloride
Concen: 1.928 ug/l
RT: 3.050 min Scan# 51
Delta R.T. -0.004 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

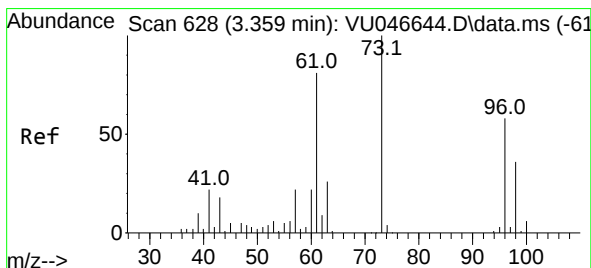
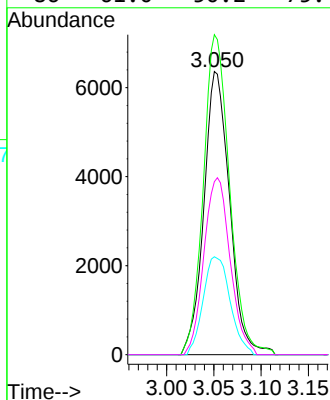
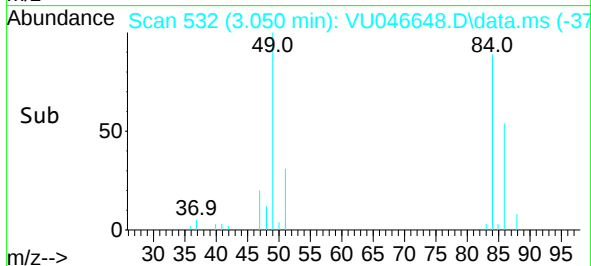
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



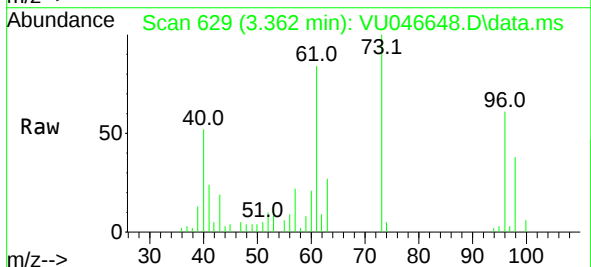
Tgt Ion: 84	Resp: 1205
Ion Ratio	Lower Upper
84 100	
49 113.0	97.2 145.8
51 34.5	0.0 73.4
86 61.0	50.2 75.4

Manual Integrations
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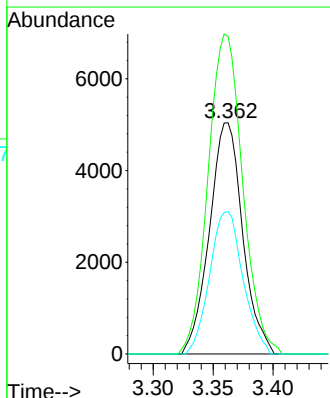
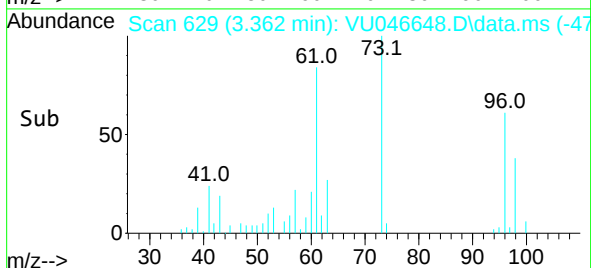
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

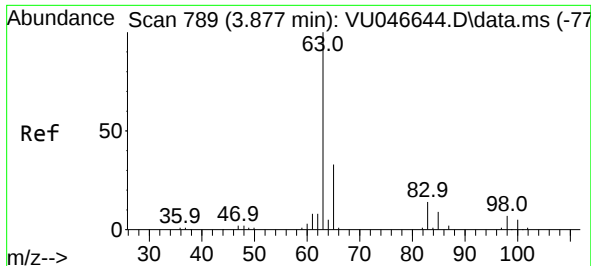


#16
trans-1,2-Dichloroethene
Concen: 1.781 ug/l
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



Tgt Ion: 96	Resp: 9701
Ion Ratio	Lower Upper
96 100	
61 137.3	115.8 173.6
98 61.6	51.1 76.7





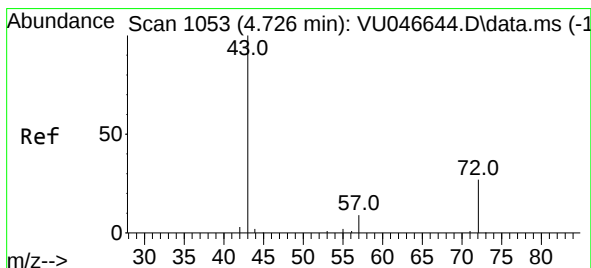
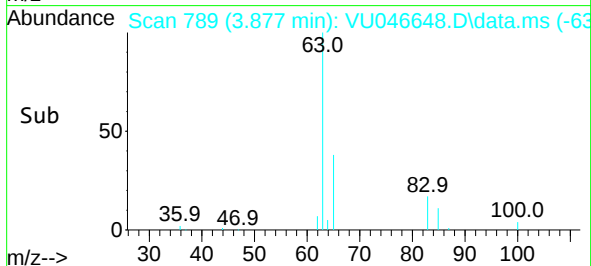
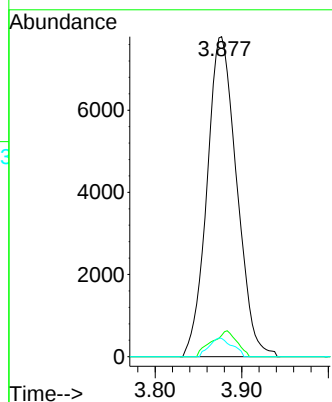
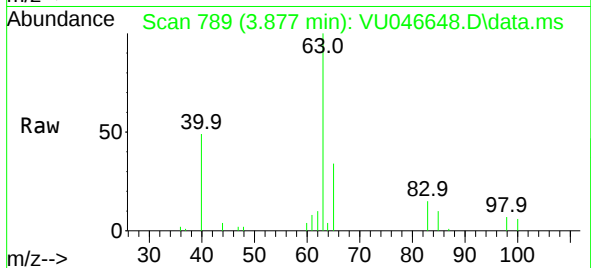
#17
1,1-Dichloroethane
Concen: 1.827 ug/l
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01

Tgt Ion: 63 Resp: 18569
Ion Ratio Lower Upper
63 100
98 6.6 3.6 10.8
100 5.7 2.1 6.5

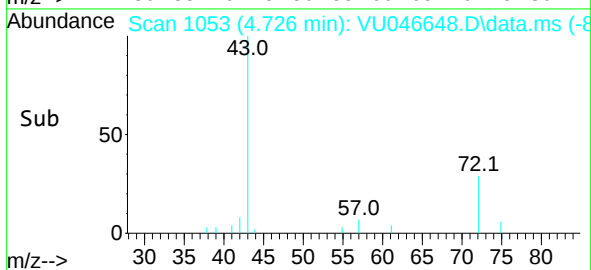
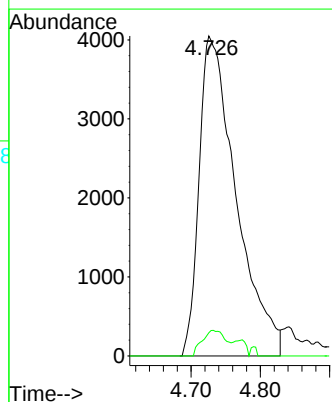
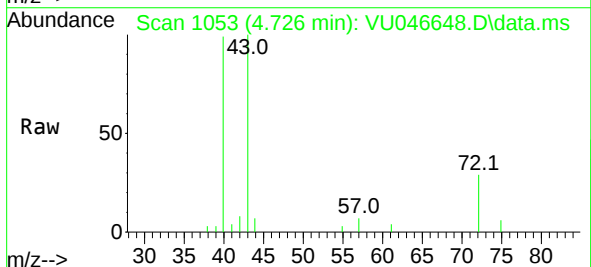
Manual Integrations
APPROVED

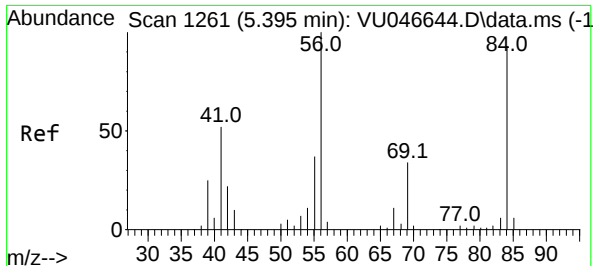
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#18
2-Butanone
Concen: 8.020 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

Tgt Ion: 43 Resp: 15013
Ion Ratio Lower Upper
43 100
57 7.2 0.0 16.6





#19

Cyclohexane

Concen: 1.651 ug/l

RT: 5.394 min Scan# 1261

Delta R.T. -0.001 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBS01

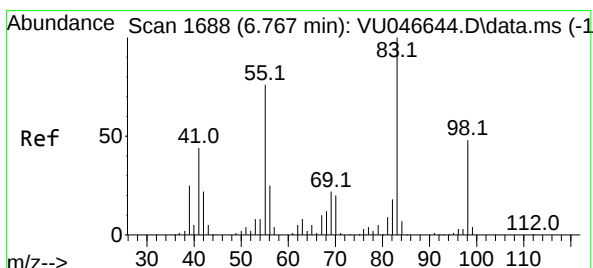
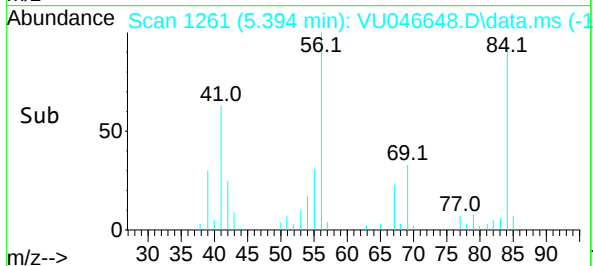
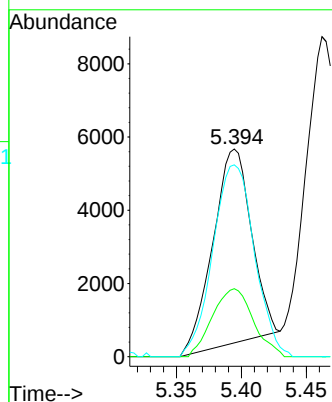
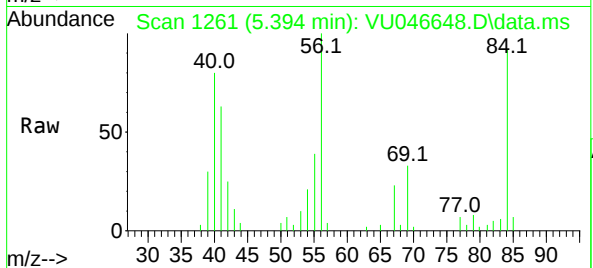
Tgt Ion: 56 Resp: 1099

Ion	Ratio	Lower	Upper
56	100		
69	37.0	24.7	37.1
84	106.3	68.8	103.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#20

Methylcyclohexane

Concen: 1.636 ug/l

RT: 6.767 min Scan# 1688

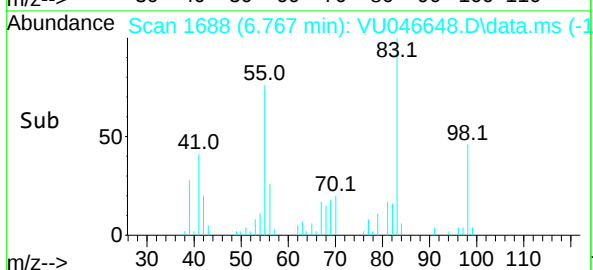
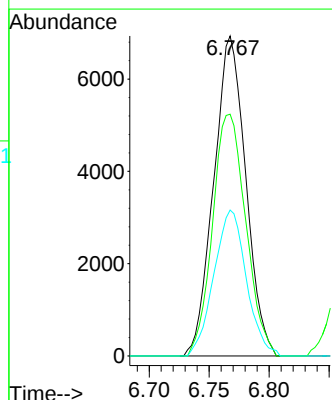
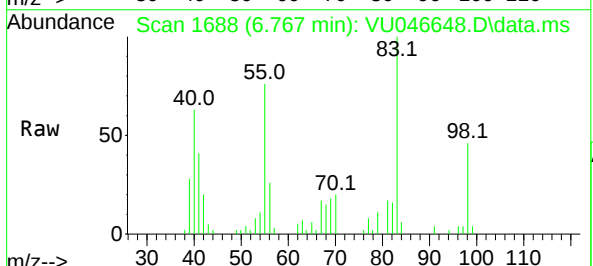
Delta R.T. 0.000 min

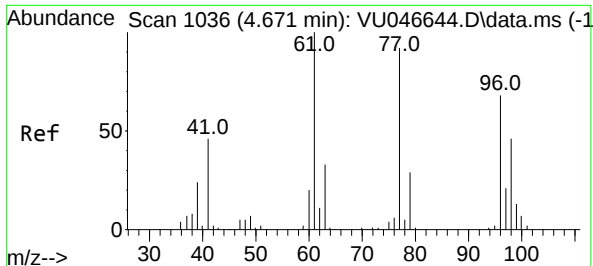
Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Tgt Ion: 83 Resp: 12865

Ion	Ratio	Lower	Upper
83	100		
55	78.5	61.9	92.9
98	46.3	37.4	56.2





#21

2,2-Dichloropropane

Concen: 1.764 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBS01

Tgt Ion: 77 Resp: 15280

Ion Ratio Lower Upper

77 100

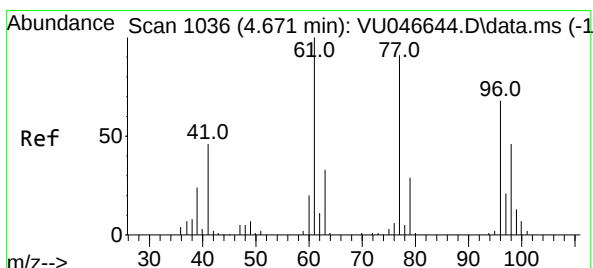
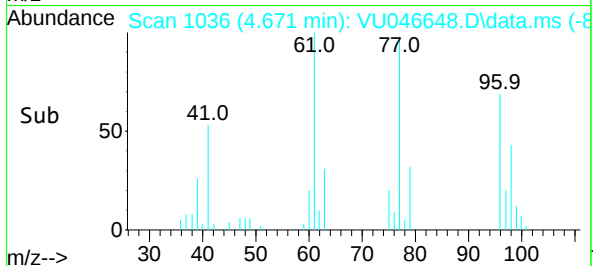
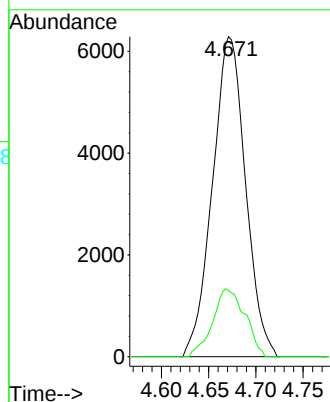
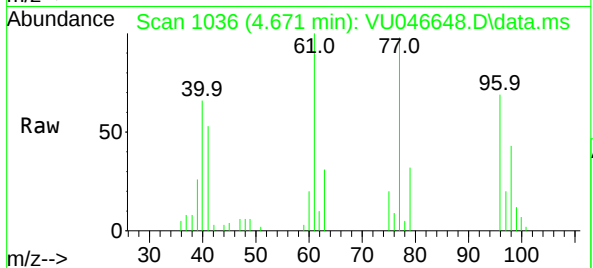
97 20.8 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#22

cis-1,2-Dichloroethene

Concen: 1.698 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

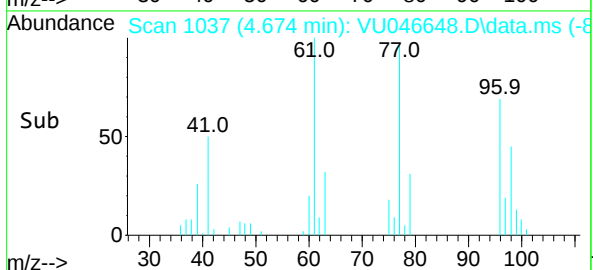
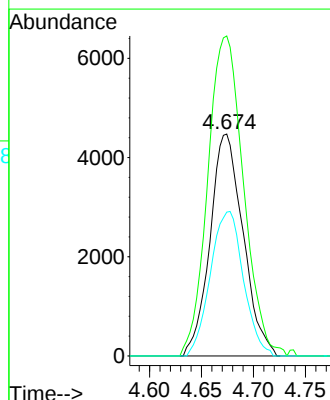
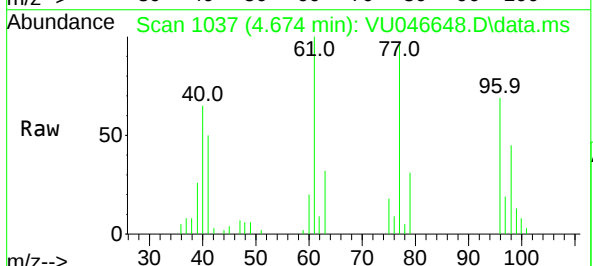
Tgt Ion: 96 Resp: 9901

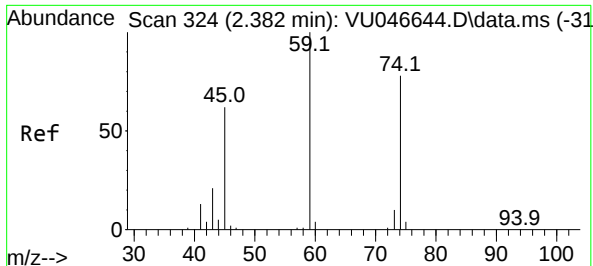
Ion Ratio Lower Upper

96 100

61 155.5 0.0 385.3

98 65.0 32.1 96.3





#23

Diethyl Ether

Concen: 1.761 ug/l

RT: 2.382 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBS01

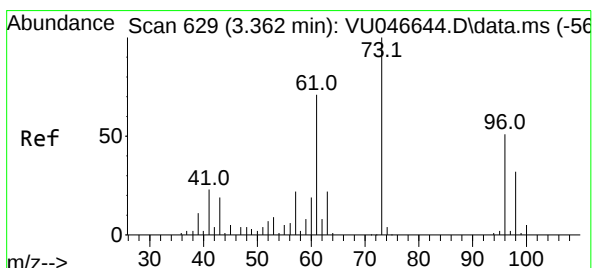
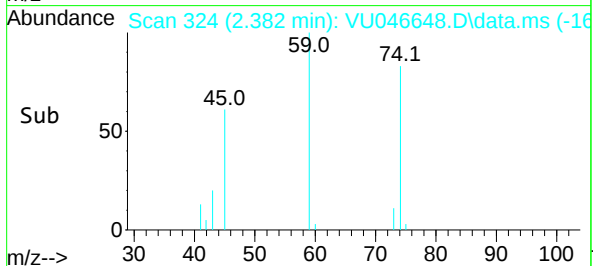
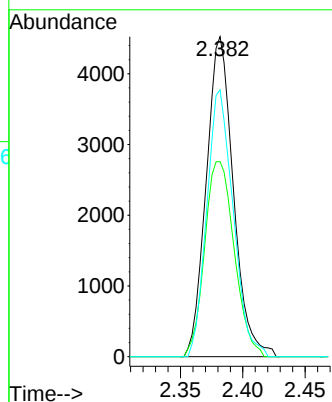
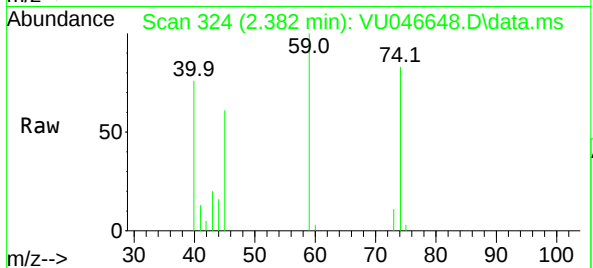
Tgt Ion: 59 Resp: 685

Ion	Ratio	Lower	Upper
59	100		
45	66.4	55.6	83.4
74	81.2	58.1	87.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#24

tert-Butyl Alcohol

Concen: 18.252 ug/l m

RT: 3.359 min Scan# 628

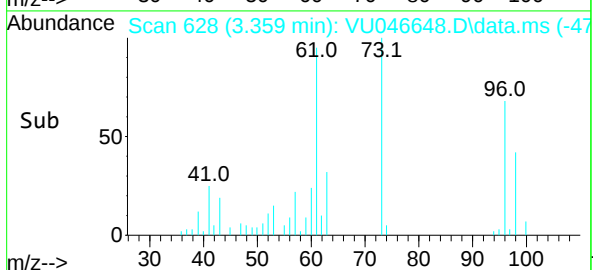
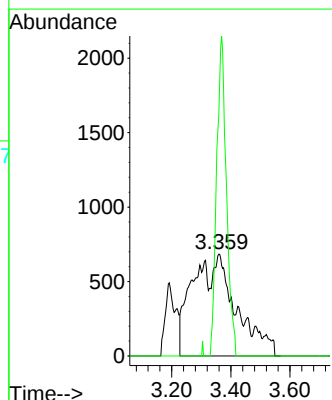
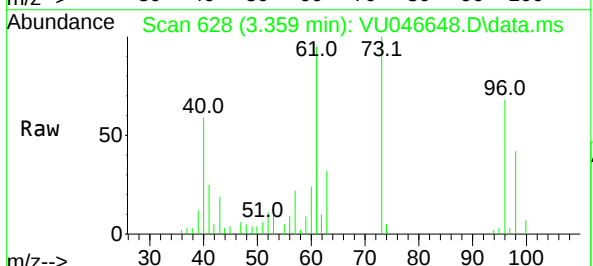
Delta R.T. -0.003 min

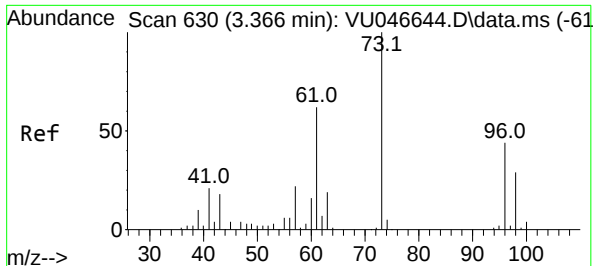
Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Tgt Ion: 59 Resp: 7027

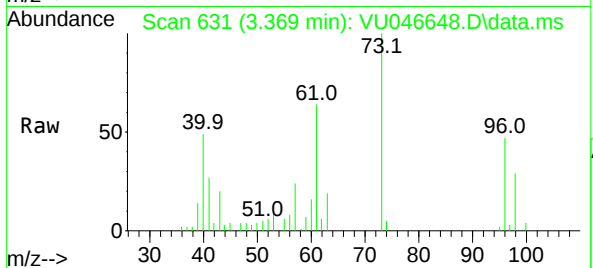
Ion	Ratio	Lower	Upper
59	100		
57	69.9	6.5	9.7#





#25
Methyl tert-Butyl Ether
Concen: 1.682 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

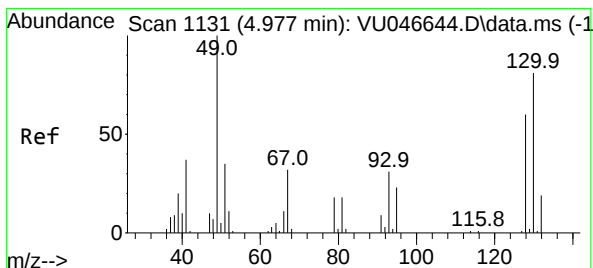
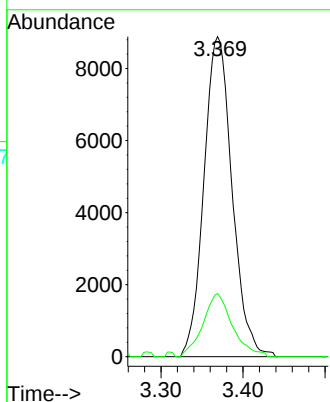
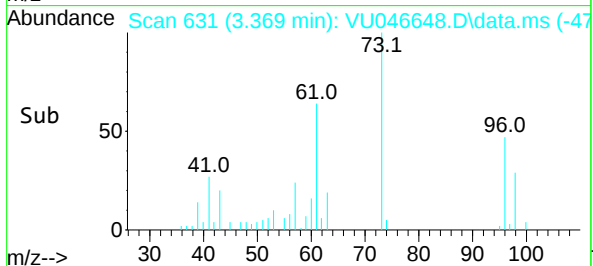
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



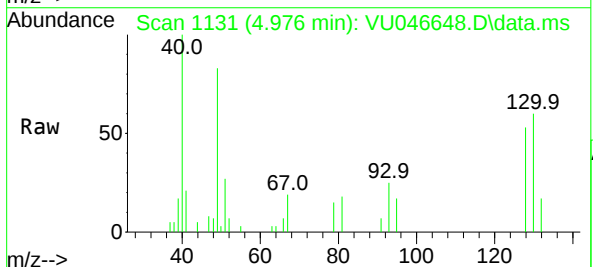
Tgt Ion: 73 Resp: 2120
Ion Ratio Lower Upper
73 100
43 20.7 16.3 24.5

Manual Integrations
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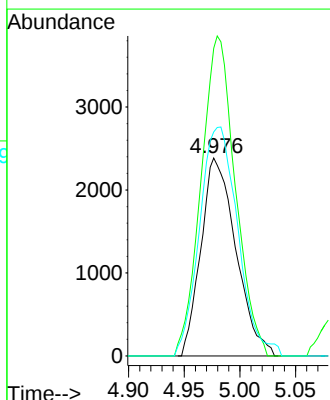
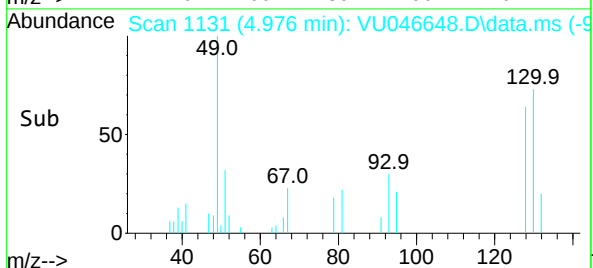
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

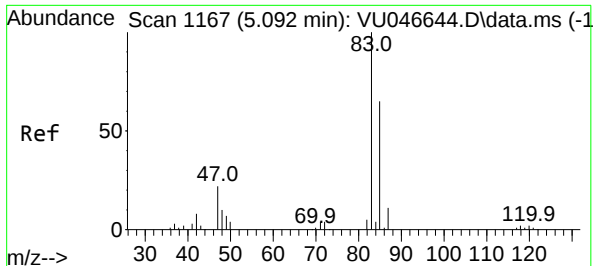


#26
Bromochloromethane
Concen: 1.806 ug/l
RT: 4.976 min Scan# 1131
Delta R.T. -0.001 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



Tgt Ion:128 Resp: 5210
Ion Ratio Lower Upper
128 100
49 157.9 0.0 347.4
130 126.5 101.5 152.3





#27

Chloroform

Concen: 1.798 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBS01

Tgt Ion: 83 Resp: 2028

Ion Ratio Lower Upper

83 100

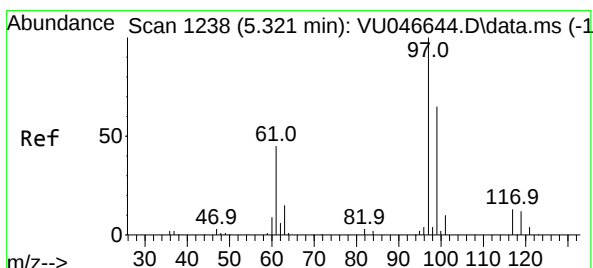
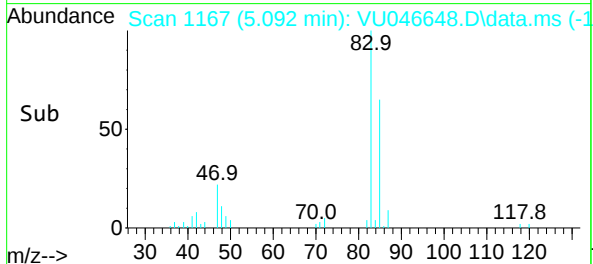
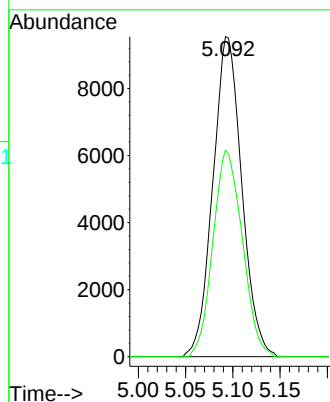
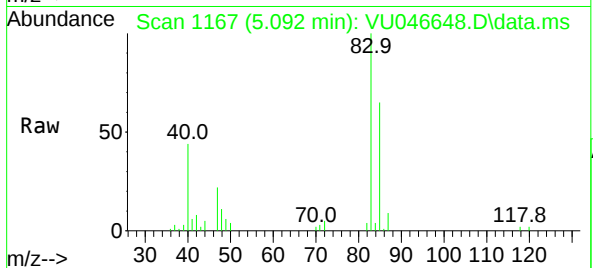
85 64.6 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#28

1,1,1-Trichloroethane

Concen: 1.800 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

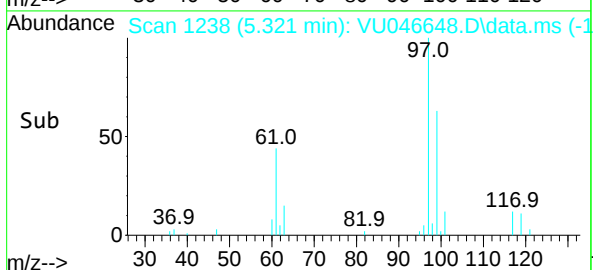
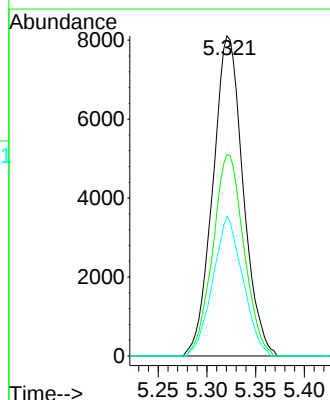
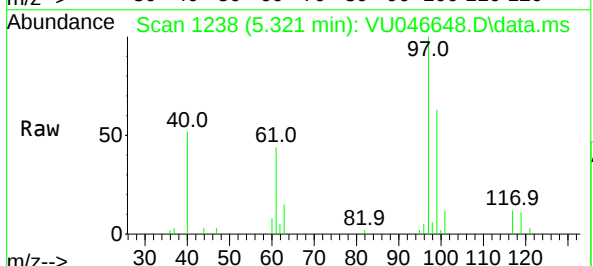
Tgt Ion: 97 Resp: 17512

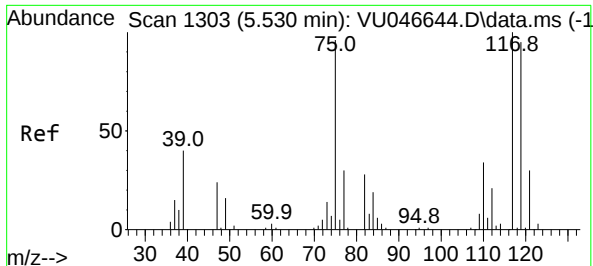
Ion Ratio Lower Upper

97 100

99 64.4 32.2 96.6

61 43.2 24.5 73.5





#29

1,1-Dichloropropene

Concen: 1.758 ug/l

RT: 5.529 min Scan# 1303

Delta R.T. -0.001 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBS01

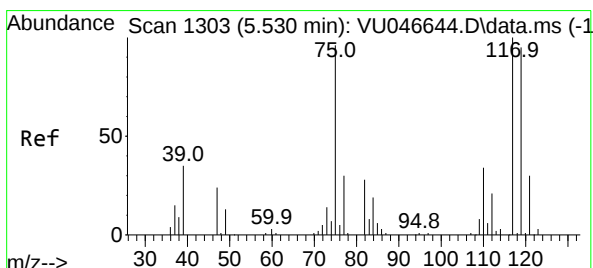
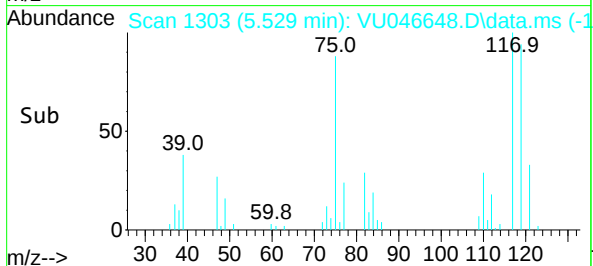
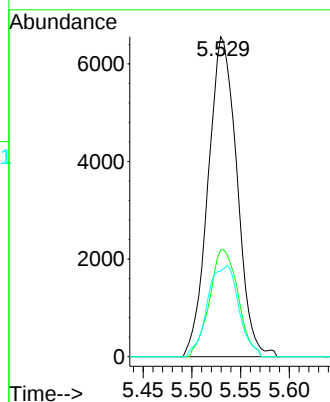
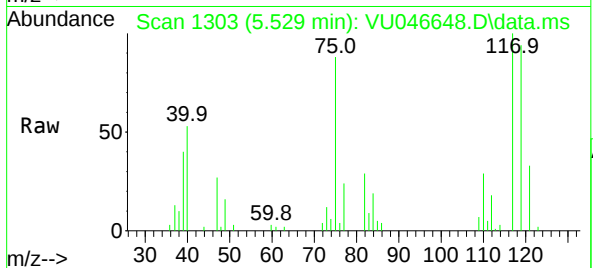
Tgt Ion: 75 Resp: 1346

Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.8	50.3
77	30.8	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#30

Carbon Tetrachloride

Concen: 1.827 ug/l

RT: 5.529 min Scan# 1303

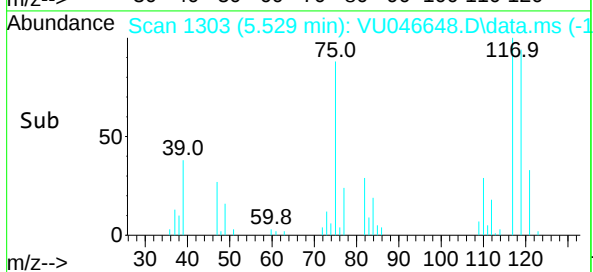
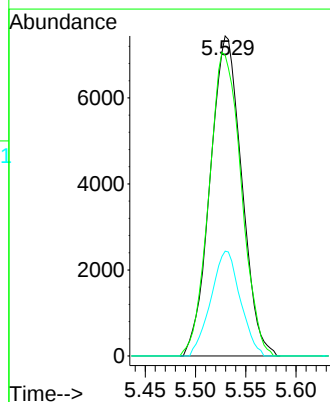
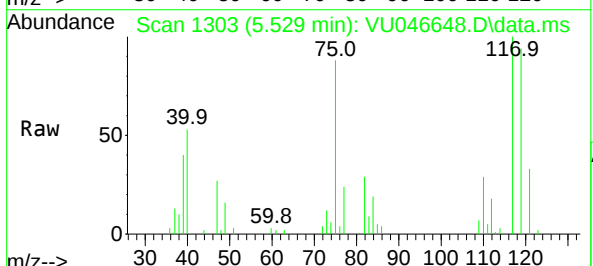
Delta R.T. -0.001 min

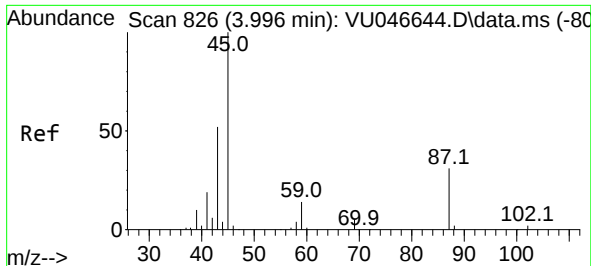
Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Tgt Ion:117 Resp: 16217

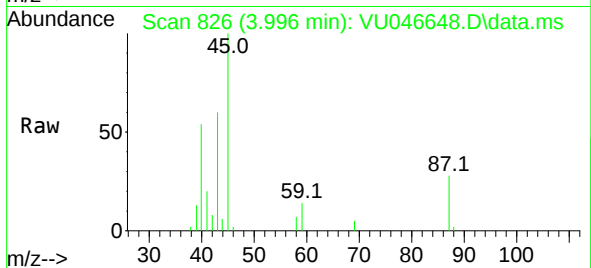
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.8	115.2
121	32.8	24.6	37.0





#31
Isopropyl Ether
Concen: 1.704 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

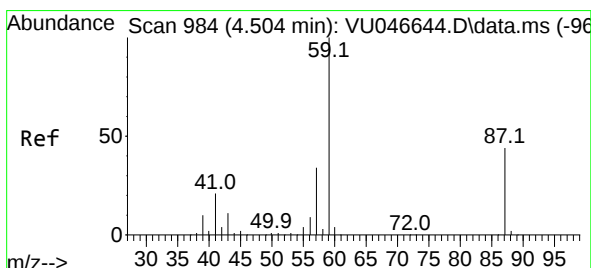
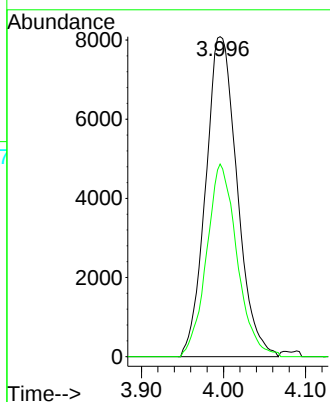
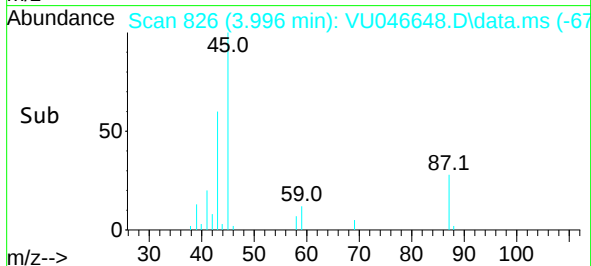
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



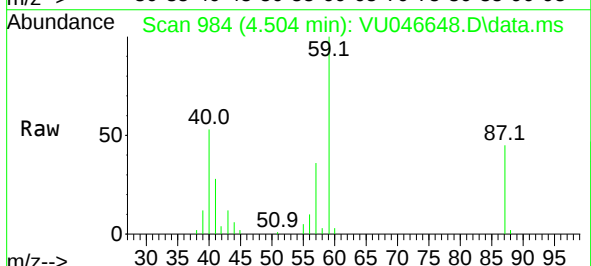
Tgt Ion: 45 Resp: 2156
Ion Ratio Lower Upper
45 100
43 58.3 25.3 75.8

Manual Integrations
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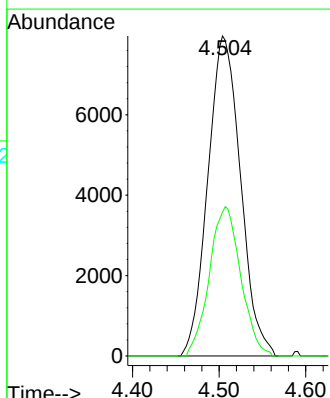
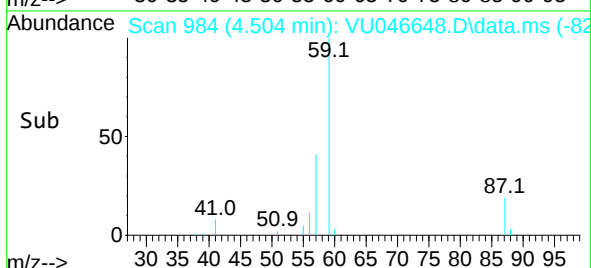
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

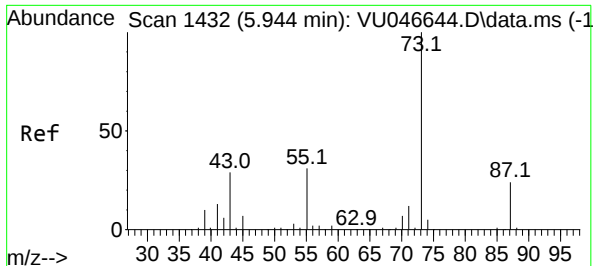


#32
Ethyl-t-butyl ether
Concen: 1.666 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



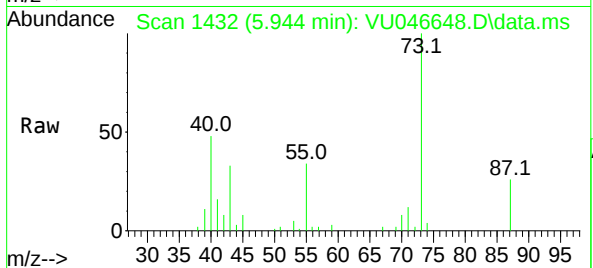
Tgt Ion: 59 Resp: 20837
Ion Ratio Lower Upper
59 100
87 44.8 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 1.628 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

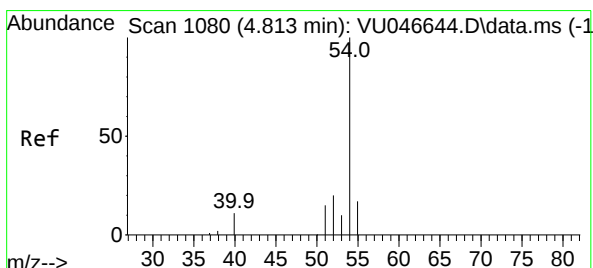
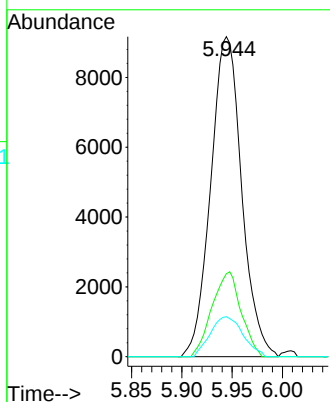
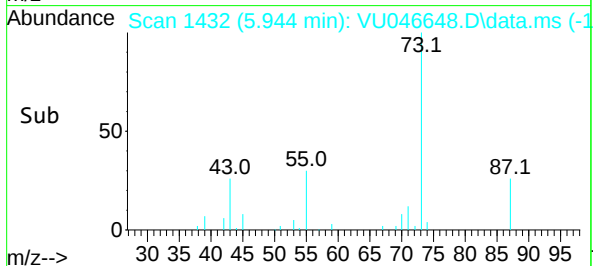
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



Tgt Ion: 73 Resp: 1962
Ion Ratio Lower Upper
73 100
87 24.8 18.6 28.0
71 13.1 9.0 13.6

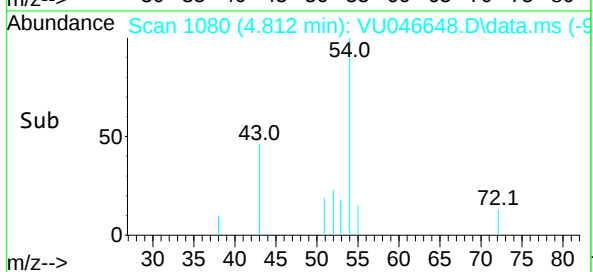
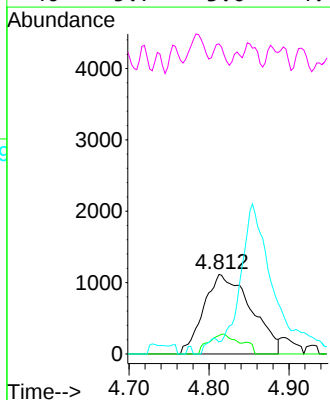
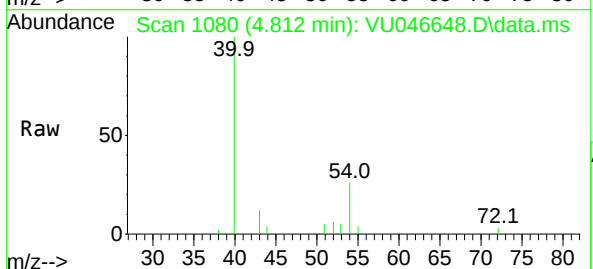
Manual Integrations
APPROVED

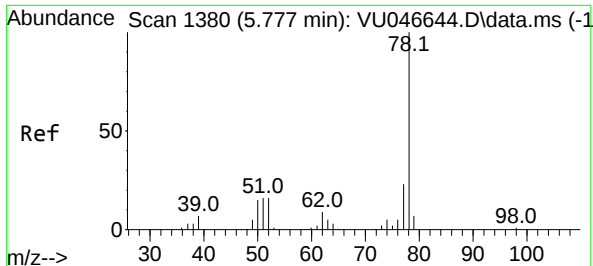
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#34
Propionitrile
Concen: 8.281 ug/l
RT: 4.812 min Scan# 1080
Delta R.T. -0.001 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

Tgt Ion: 54 Resp: 4594
Ion Ratio Lower Upper
54 100
52 14.2 11.9 17.9
55 5.1 8.0 12.0#
40 5.7 3.0 4.4#





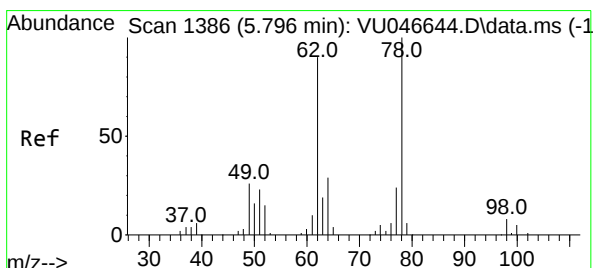
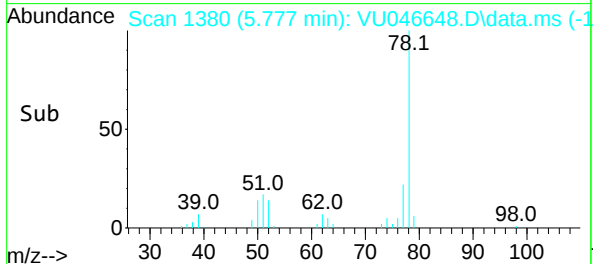
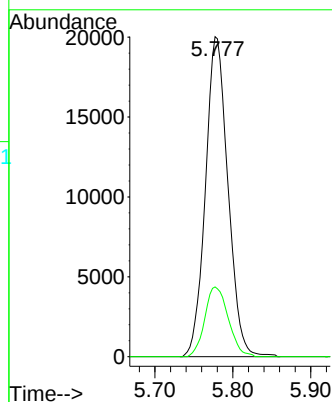
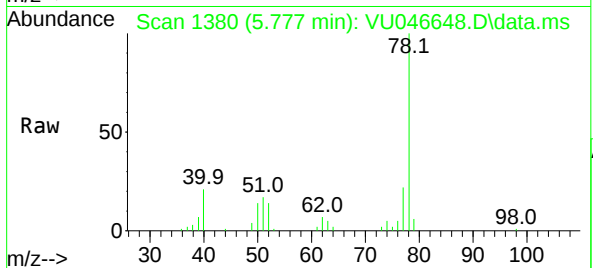
#35
Benzene
Concen: 1.836 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01

Tgt Ion: 78 Resp: 40175
Ion Ratio Lower Upper
78 100
77 21.8 19.1 28.7

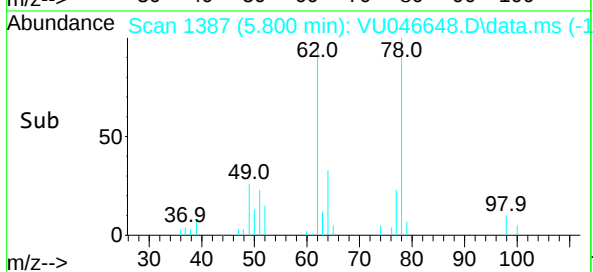
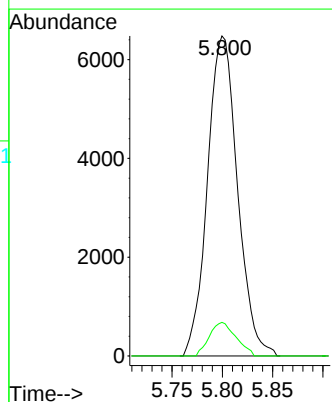
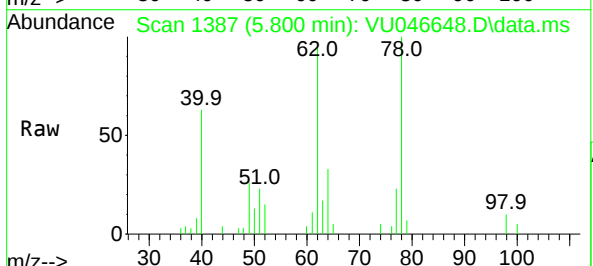
Manual Integrations
APPROVED

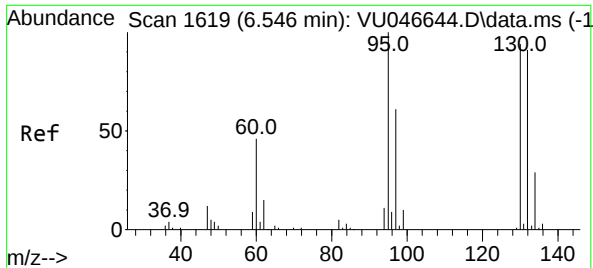
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#36
1,2-Dichloroethane
Concen: 1.794 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

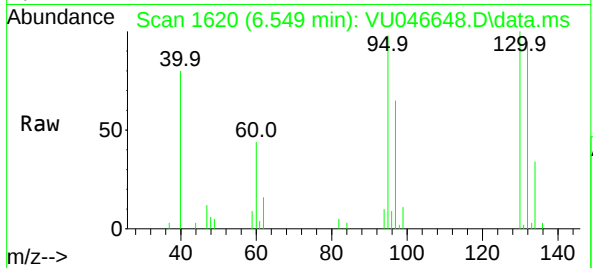
Tgt Ion: 62 Resp: 13463
Ion Ratio Lower Upper
62 100
98 9.3 7.3 10.9





#37
Trichloroethene
Concen: 1.818 ug/l
RT: 6.549 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

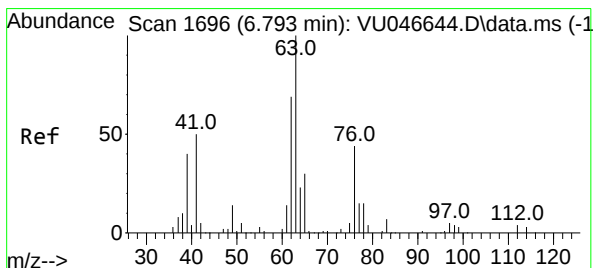
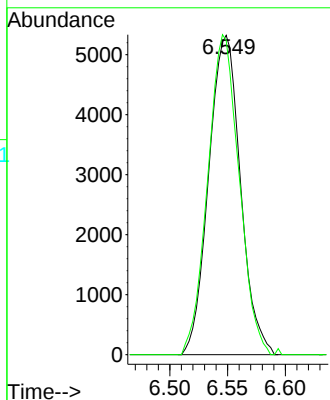
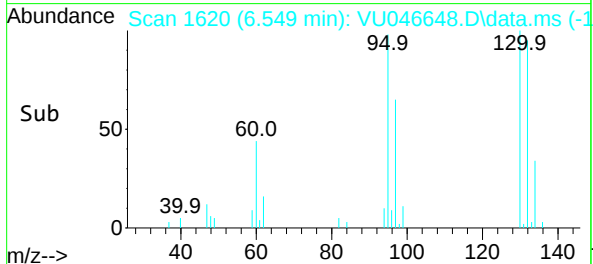
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



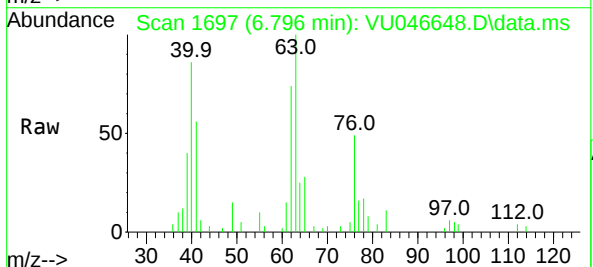
Tgt Ion:130 Resp: 10164
Ion Ratio Lower Upper
130 100
95 98.4 83.8 125.8

Manual Integrations
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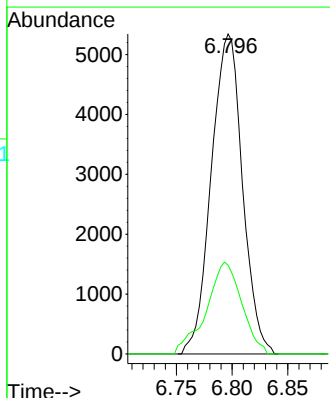
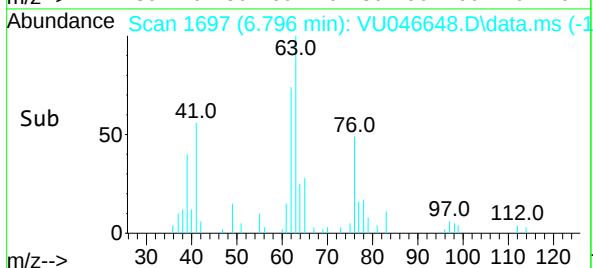
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

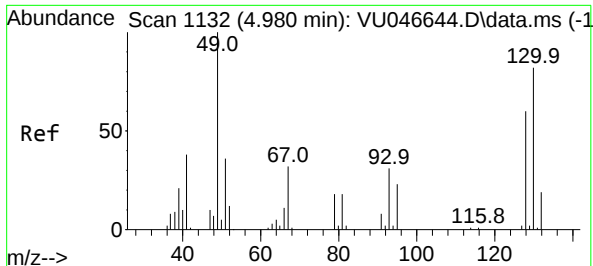


#38
1,2-Dichloropropane
Concen: 1.796 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



Tgt Ion: 63 Resp: 10404
Ion Ratio Lower Upper
63 100
65 27.8 24.7 37.1





#39

Methacrylonitrile

Concen: 1.720 ug/l

RT: 4.986 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

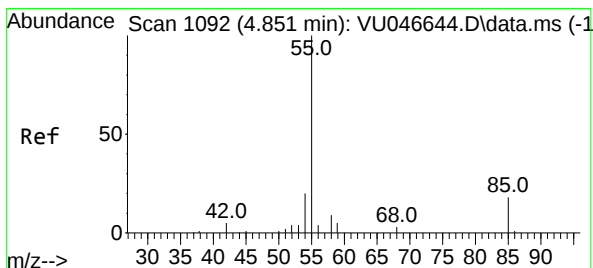
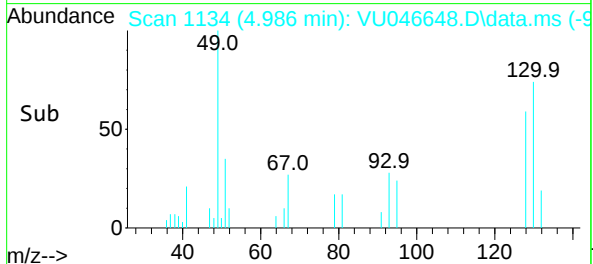
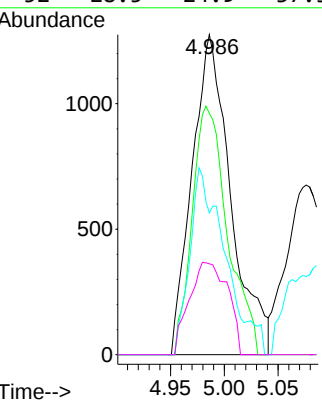
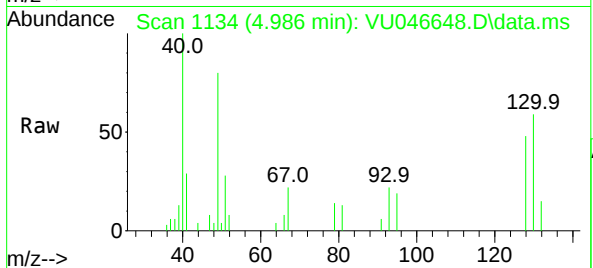
VU1230WBS01

Tgt Ion: 41	Resp: 319
Ion Ratio	Lower Upper
41 100	
67 70.9	65.2 97.8
39 53.4	43.0 64.6
52 28.5	24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#40

Methyl acrylate

Concen: 1.848 ug/l

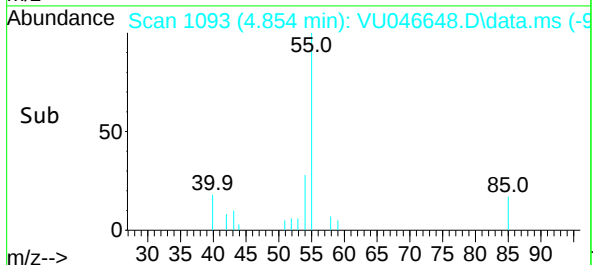
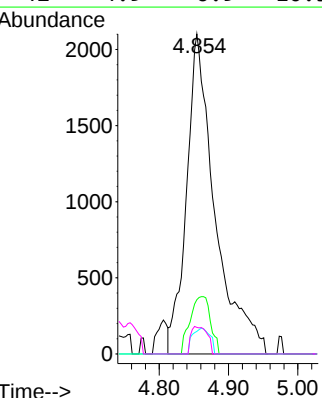
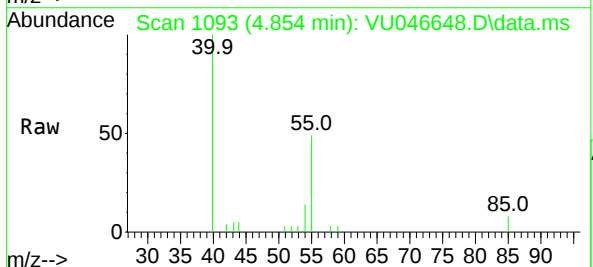
RT: 4.854 min Scan# 1093

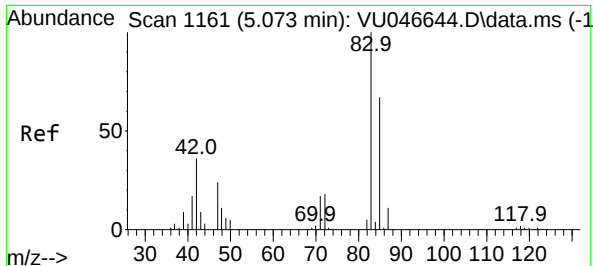
Delta R.T. 0.003 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Tgt Ion: 55	Resp: 6021
Ion Ratio	Lower Upper
55 100	
85 12.8	12.2 18.2
58 4.9	6.7 10.1#
42 4.9	6.9 10.3#





#41

Tetrahydrofuran

Concen: 3.578 ug/l

RT: 5.076 min Scan# 1161

Delta R.T. 0.003 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBS01

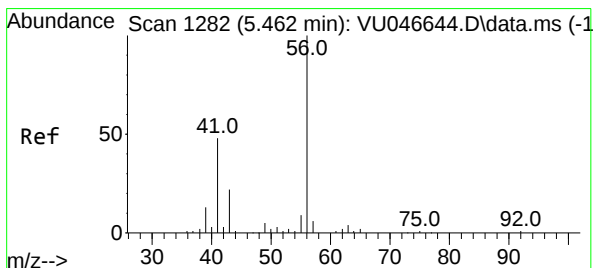
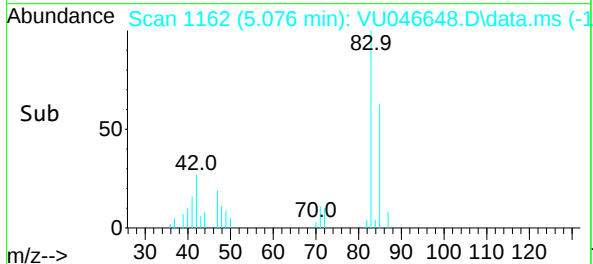
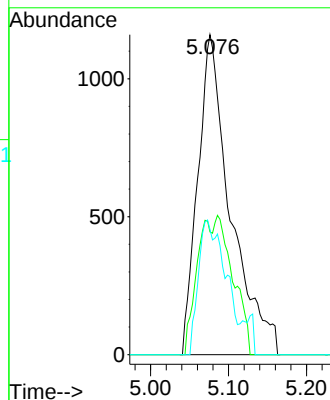
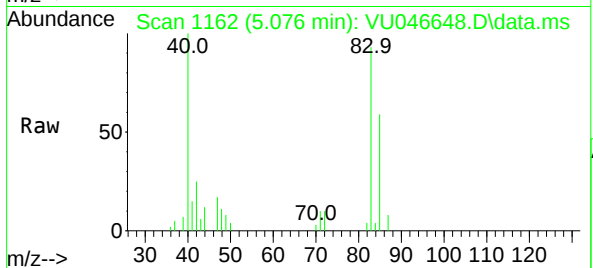
Tgt Ion: 42 Resp: 3375

Ion	Ratio	Lower	Upper
42	100		
72	21.3	42.4	63.6
71	35.2	36.4	54.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#42

1-Chlorobutane

Concen: 1.774 ug/l

RT: 5.462 min Scan# 1282

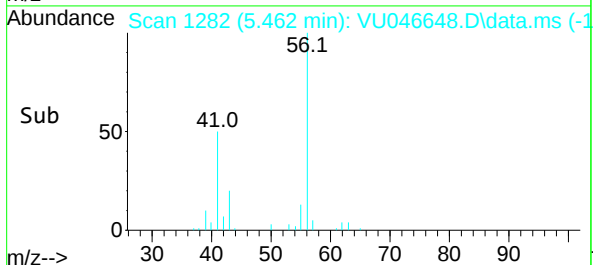
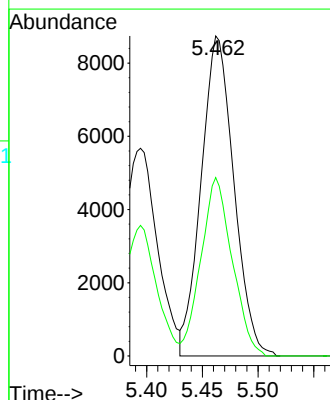
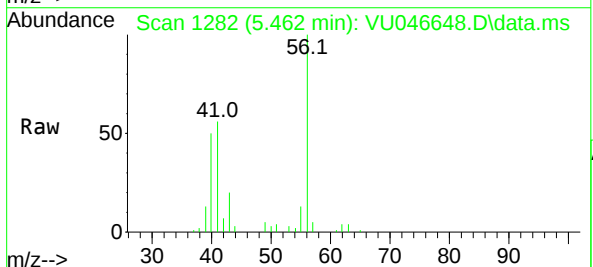
Delta R.T. -0.000 min

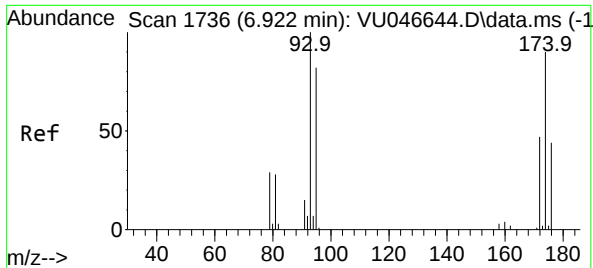
Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Tgt Ion: 56 Resp: 17847

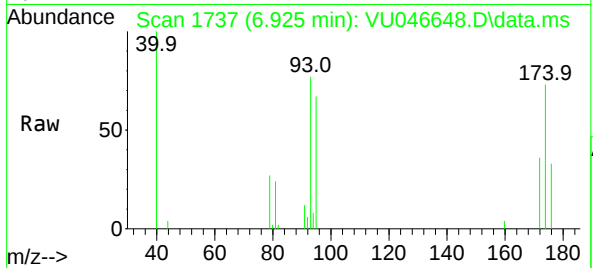
Ion	Ratio	Lower	Upper
56	100		
41	53.4	26.0	78.0





#43
Dibromomethane
Concen: 1.790 ug/l
RT: 6.925 min Scan# 1737
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

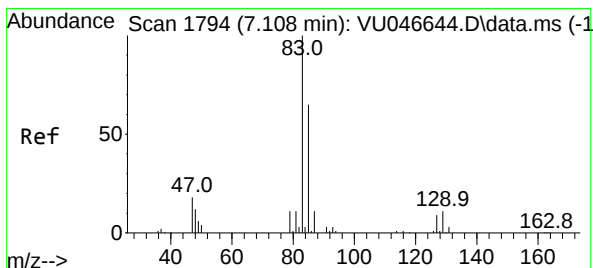
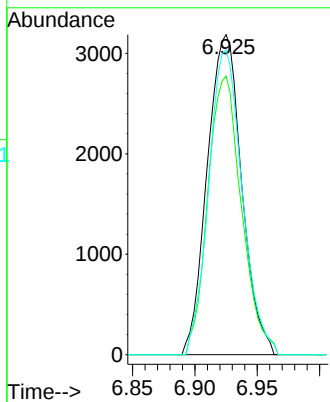
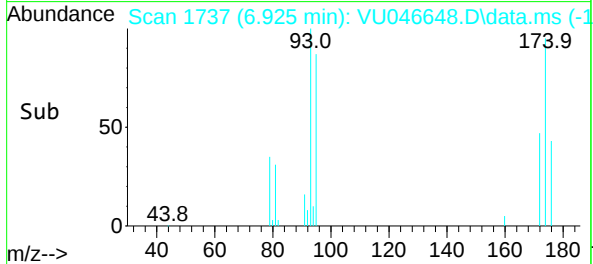
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



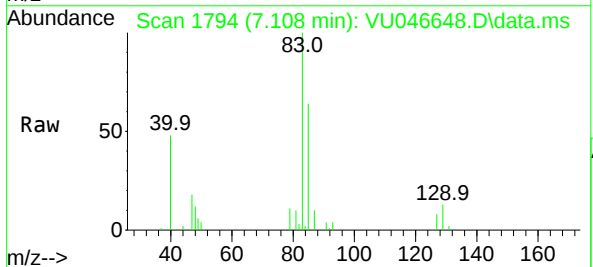
Tgt Ion: 93 Resp: 6138
Ion Ratio Lower Upper
93 100
95 85.0 66.2 99.2
174 92.7 70.7 106.1

Manual Integrations
APPROVED

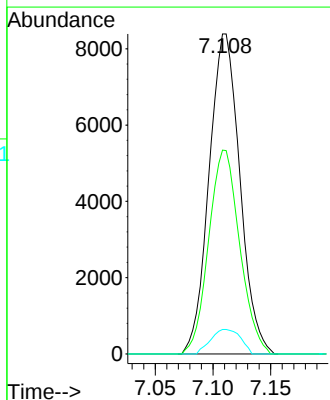
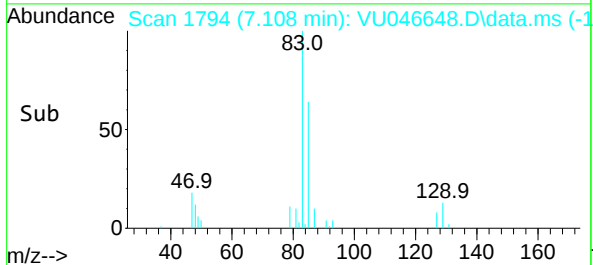
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

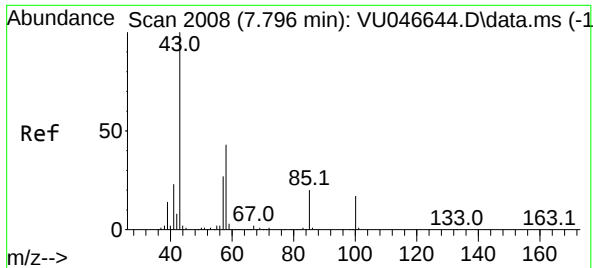


#44
Bromodichloromethane
Concen: 1.826 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



Tgt Ion: 83 Resp: 15578
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 7.7 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 8.212 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBS01

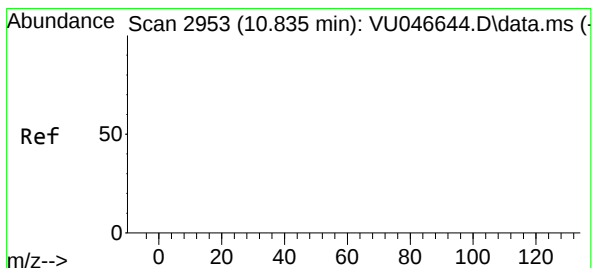
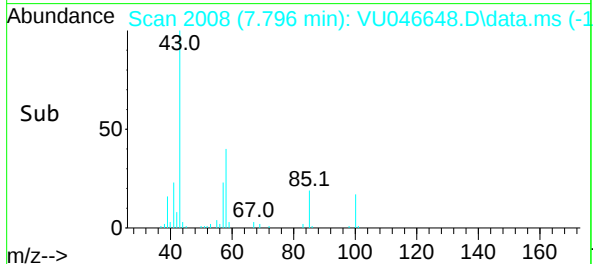
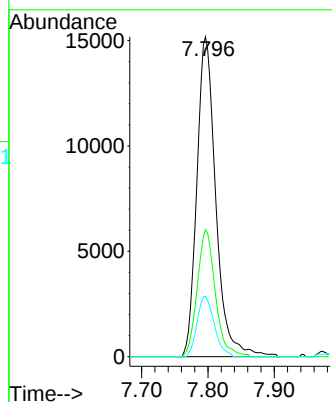
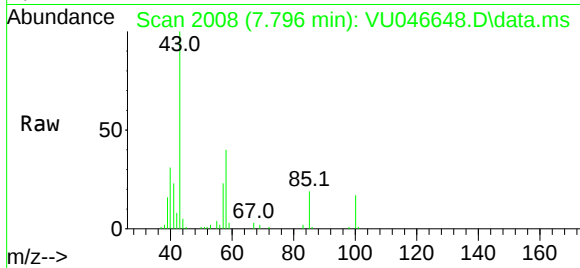
Tgt Ion: 43 Resp: 30109

Ion	Ratio	Lower	Upper
43	100		
58	38.0	21.0	63.0
85	17.1	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#46

t-1,4-Dichloro-2-butene

Concen: 4.314 ug/l m

RT: 10.828 min Scan# 2951

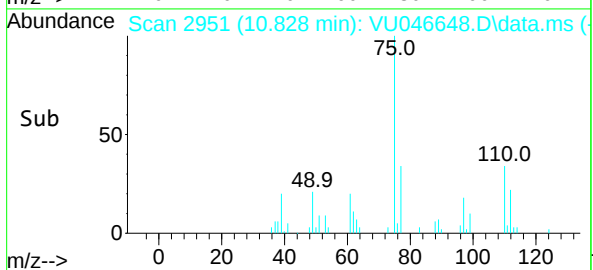
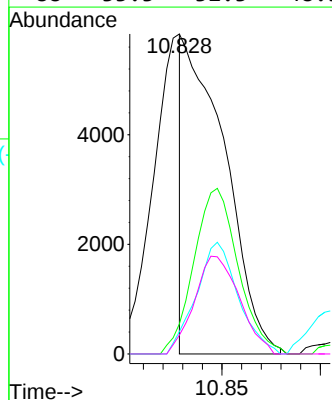
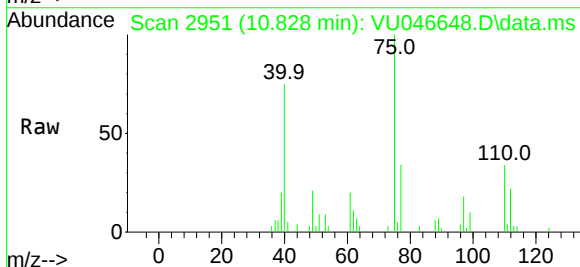
Delta R.T. -0.007 min

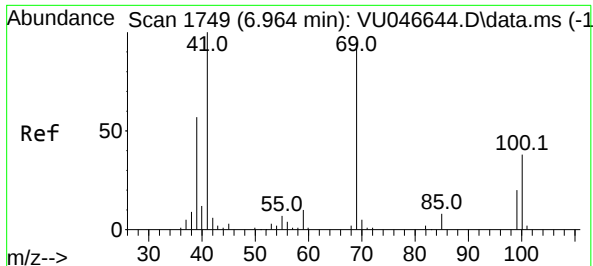
Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Tgt Ion: 75 Resp: 8524

Ion	Ratio	Lower	Upper
75	100		
53	55.5	66.8	100.2#
89	35.6	41.7	62.5#
88	33.3	32.3	48.5





#47

Methyl methacrylate

Concen: 3.331 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU046648.D

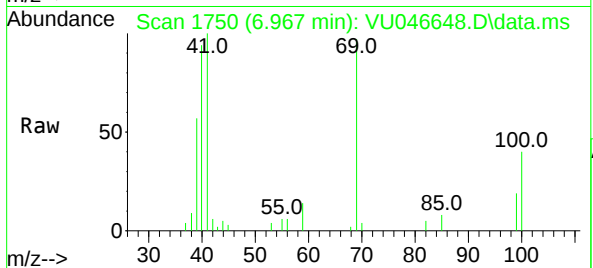
Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBS01



Tgt Ion: 69 Resp: 9289

Ion Ratio Lower Upper

69 100

41 104.3 0.0 230.0

39 59.7 55.1 82.7

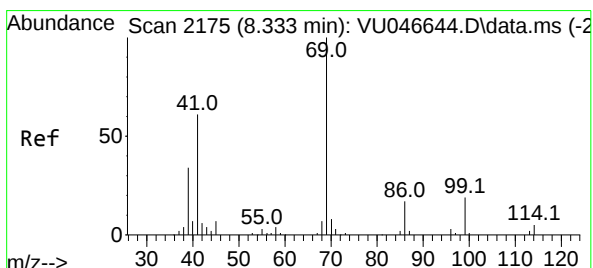
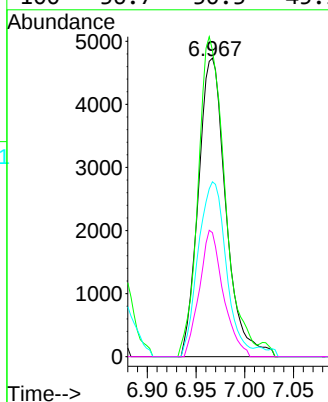
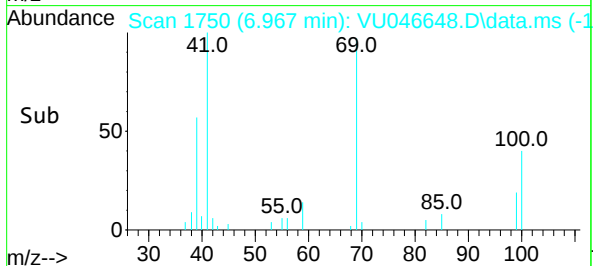
100 36.7 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#48

Ethyl methacrylate

Concen: 1.588 ug/l

RT: 8.336 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU046648.D

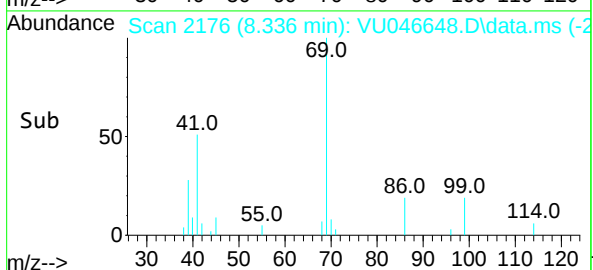
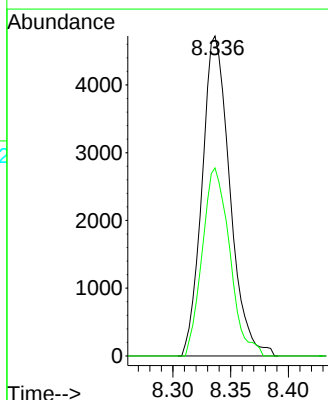
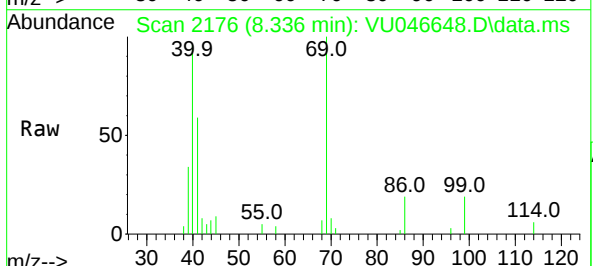
Acq: 30 Dec 2021 14:59

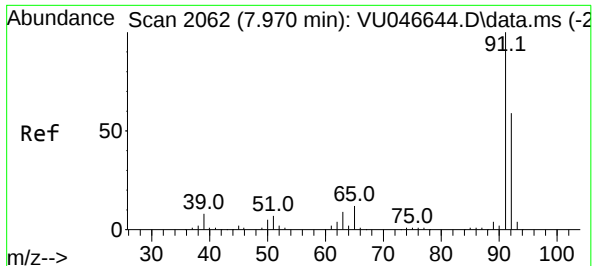
Tgt Ion: 69 Resp: 7894

Ion Ratio Lower Upper

69 100

41 58.1 32.6 98.0





#49

Toluene

Concen: 1.737 ug/l

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBS01

Tgt Ion: 92 Resp: 2224

Ion Ratio Lower Upper

92 100

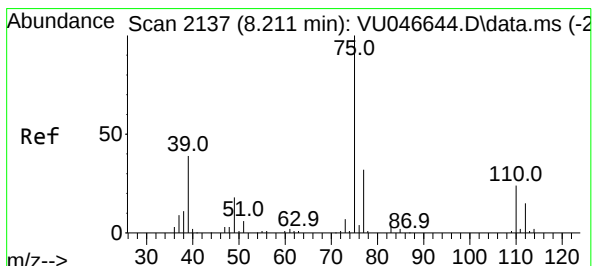
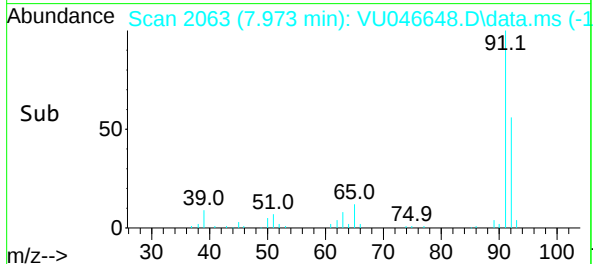
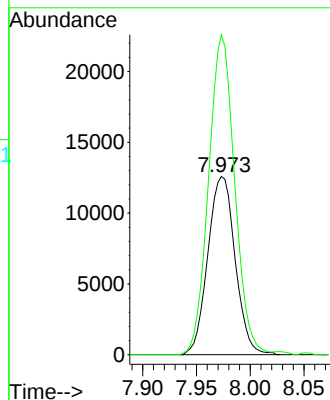
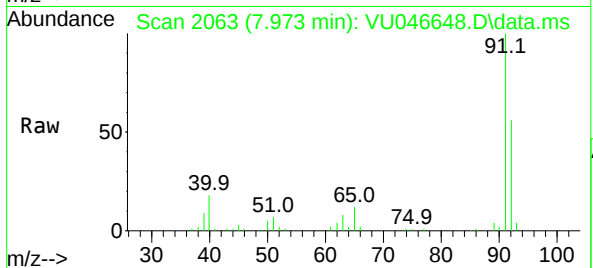
91 171.6 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#50

t-1,3-Dichloropropene

Concen: 1.741 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046648.D

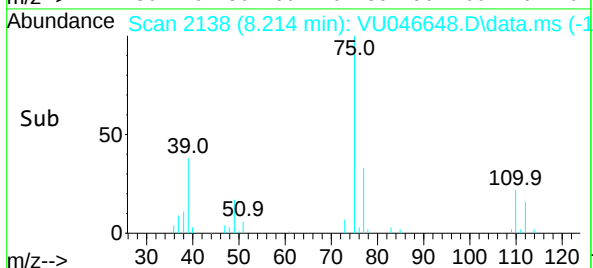
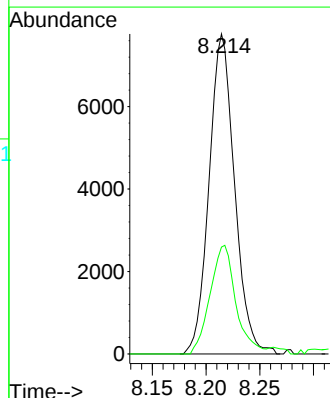
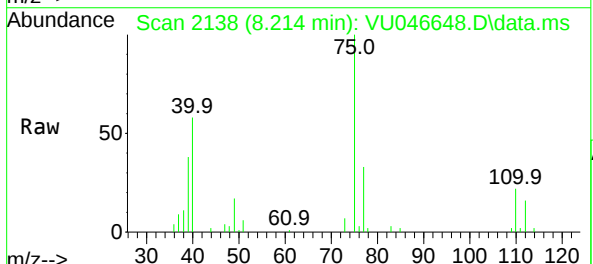
Acq: 30 Dec 2021 14:59

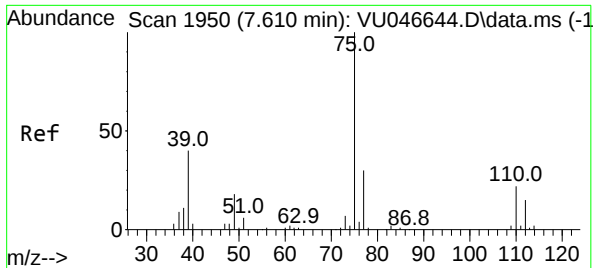
Tgt Ion: 75 Resp: 12795

Ion Ratio Lower Upper

75 100

77 33.4 25.6 38.4





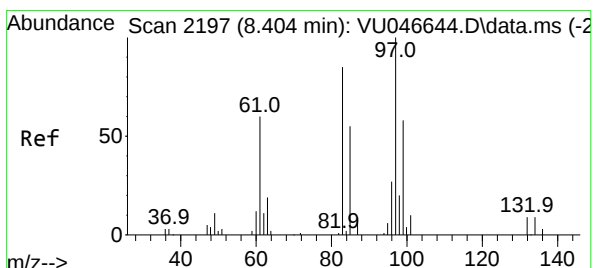
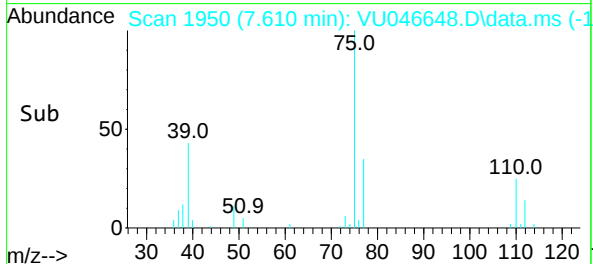
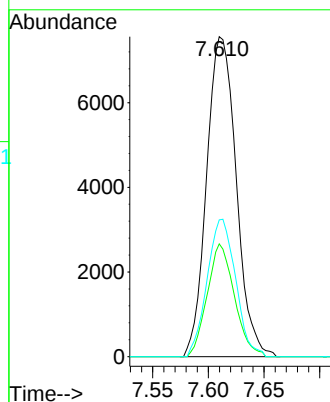
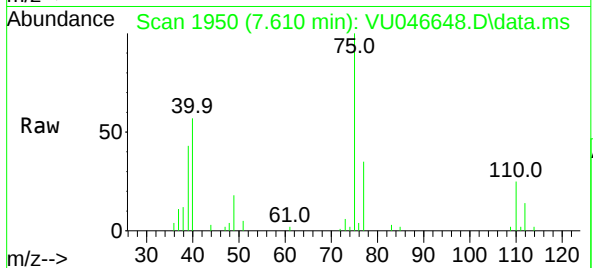
#51
cis-1,3-Dichloropropene
Concen: 1.728 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01

Tgt Ion: 75 Resp: 1398
Ion Ratio Lower Upper
75 100
77 35.3 25.2 37.8
39 42.7 38.6 57.8

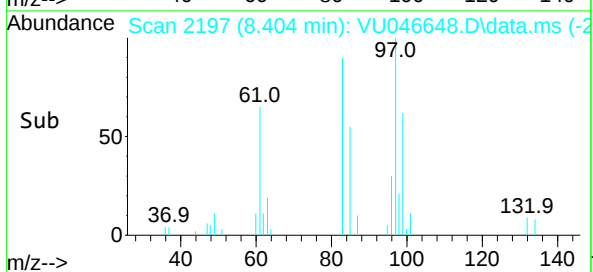
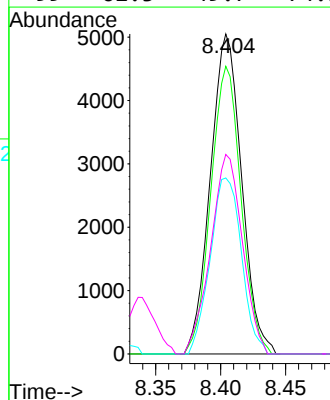
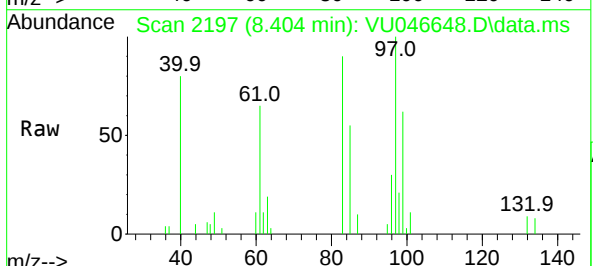
Manual Integrations
APPROVED

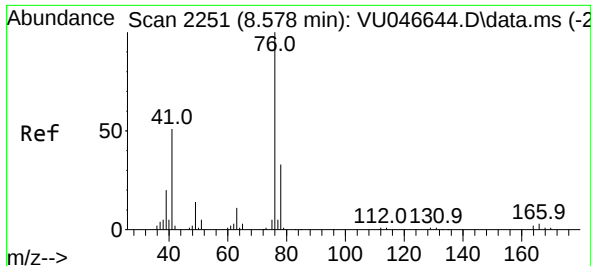
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#52
1,1,2-Trichloroethane
Concen: 1.771 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

Tgt Ion: 97 Resp: 8445
Ion Ratio Lower Upper
97 100
83 89.9 69.8 104.8
85 55.0 44.2 66.4
99 62.3 49.7 74.5





#53

1,3-Dichloropropane

Concen: 1.735 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. -0.000 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

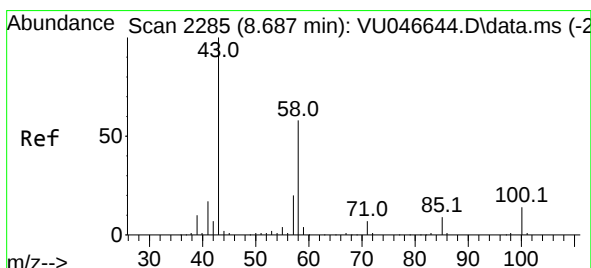
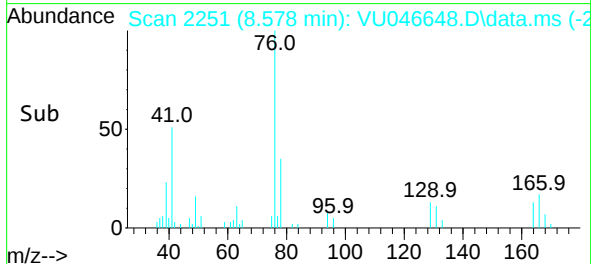
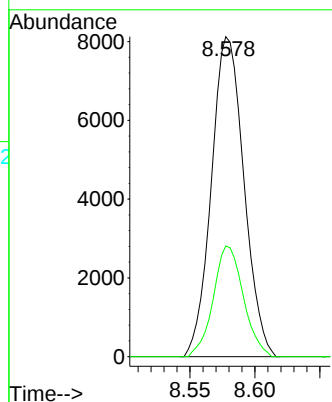
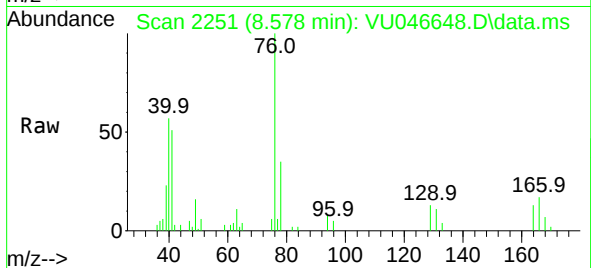
VU1230WBS01

Tgt Ion: 76	Resp: 14120
Ion Ratio	Lower Upper
76 100	
78 32.0	25.4 38.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#54

2-Hexanone

Concen: 8.037 ug/l

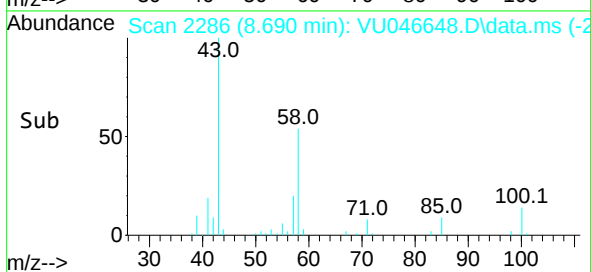
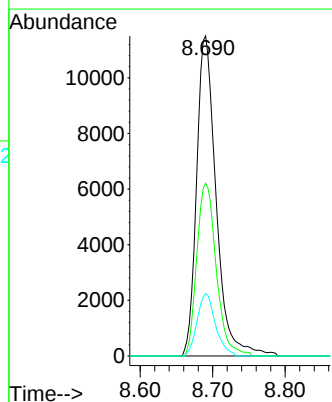
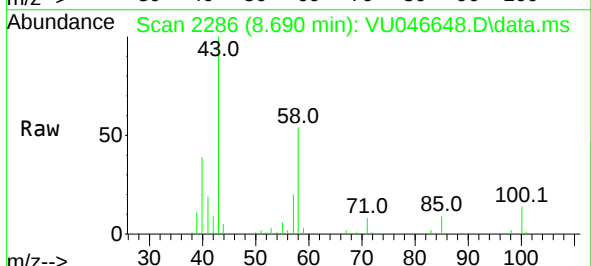
RT: 8.690 min Scan# 2286

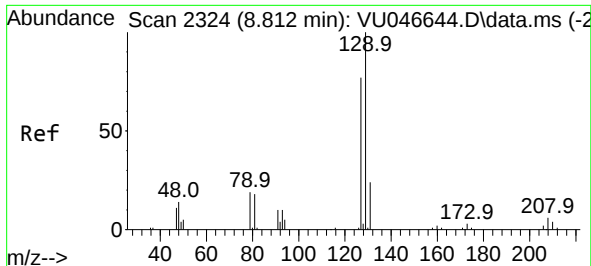
Delta R.T. 0.003 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Tgt Ion: 43	Resp: 21533
Ion Ratio	Lower Upper
43 100	
58 53.6	37.7 77.7
57 18.3	0.5 40.5





#55

Dibromochloromethane

Concen: 1.872 ug/l

RT: 8.812 min Scan# 2115

Delta R.T. 0.000 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBS01

Tgt Ion:129 Resp: 1115

Ion Ratio Lower Upper

129 100

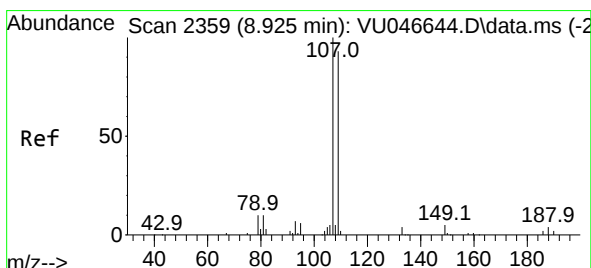
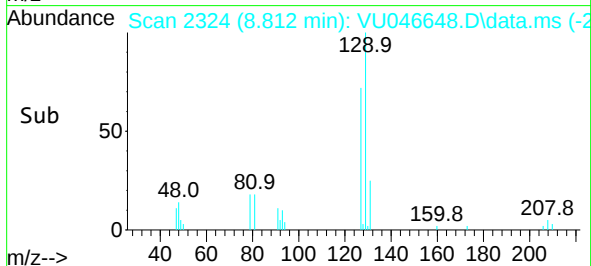
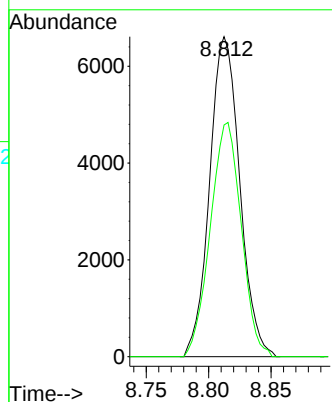
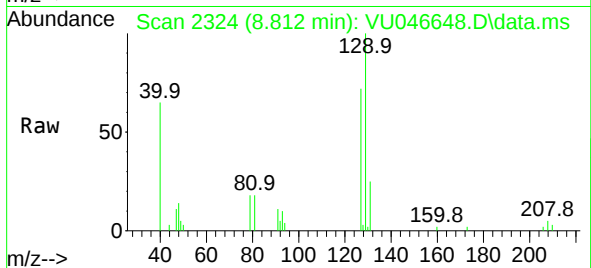
127 74.9 62.2 93.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#56

1,2-Dibromoethane

Concen: 1.725 ug/l

RT: 8.928 min Scan# 2360

Delta R.T. 0.003 min

Lab File: VU046648.D

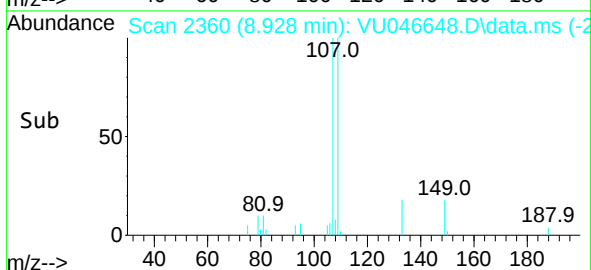
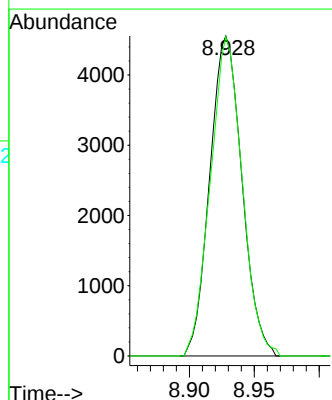
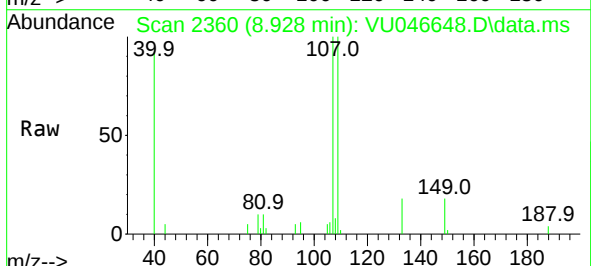
Acq: 30 Dec 2021 14:59

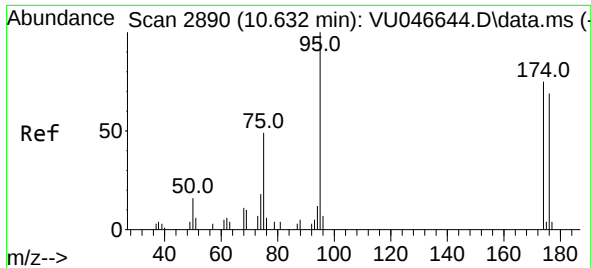
Tgt Ion:107 Resp: 7833

Ion Ratio Lower Upper

107 100

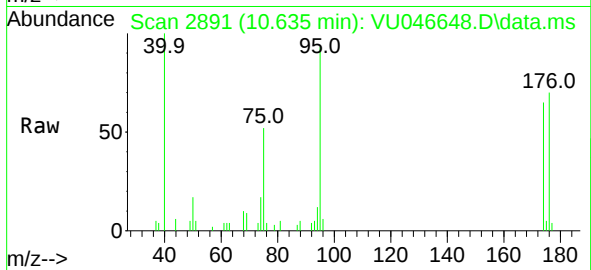
109 98.5 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.002 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

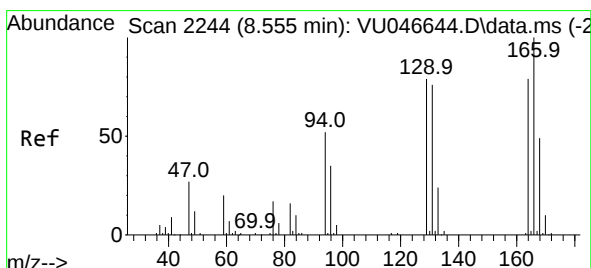
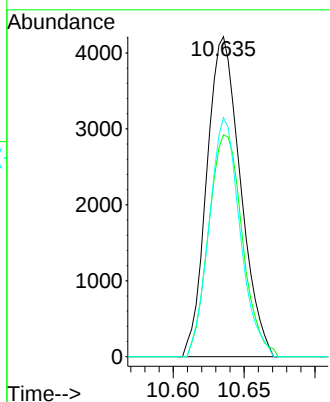
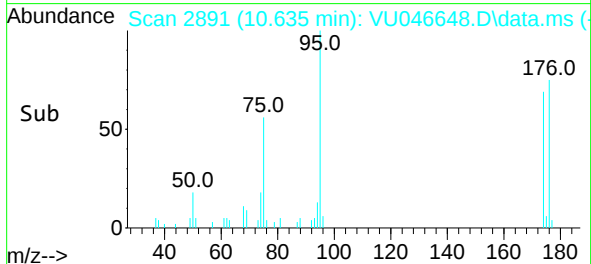
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



Tgt Ion: 95 Resp: 6972
Ion Ratio Lower Upper
95 100
174 69.4 56.6 84.8
176 68.6 54.3 81.5

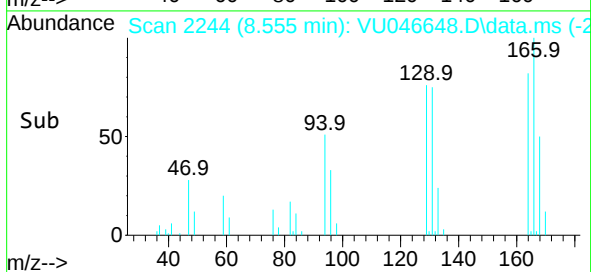
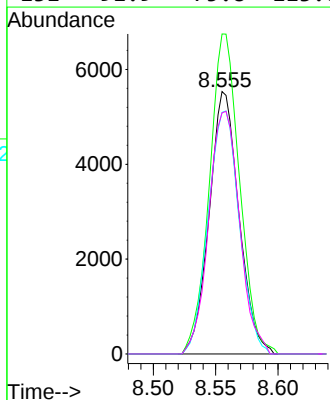
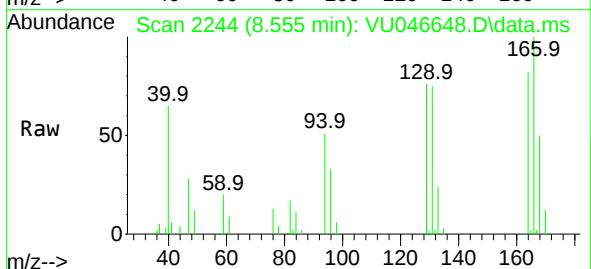
Manual Integrations
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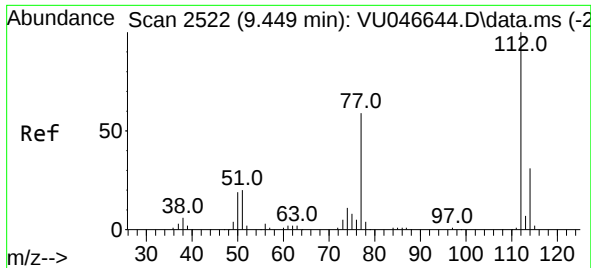
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#58
Tetrachloroethene
Concen: 1.857 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

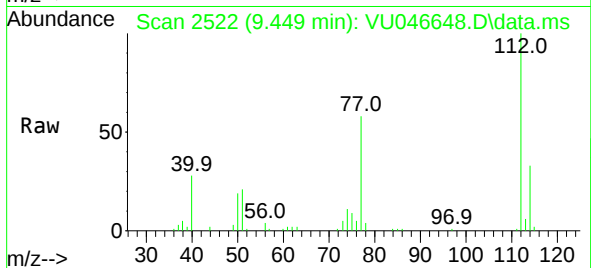
Tgt Ion:164 Resp: 9177
Ion Ratio Lower Upper
164 100
166 122.0 102.0 153.0
129 92.1 77.1 115.7
131 91.9 75.8 113.6





#59
Chlorobenzene
Concen: 1.752 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

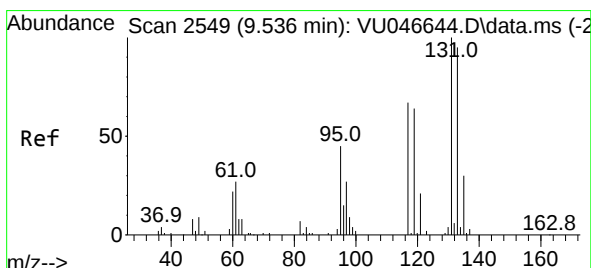
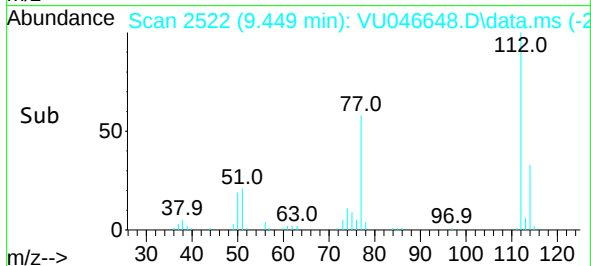
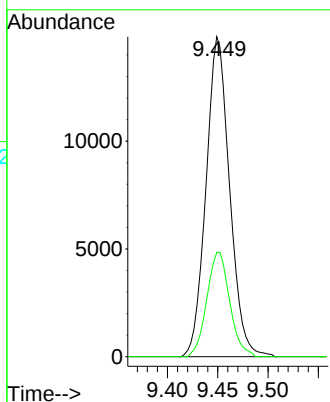
Instrument : MSVOA_U
ClientSampleId : VU1230WBS01



Tgt Ion:112 Resp: 2420
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0

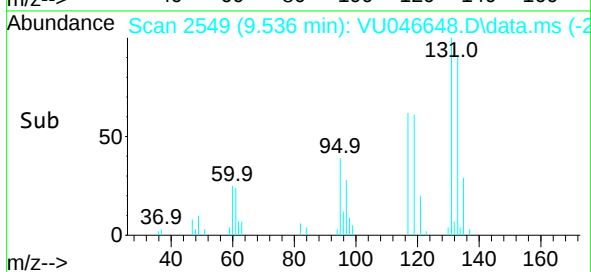
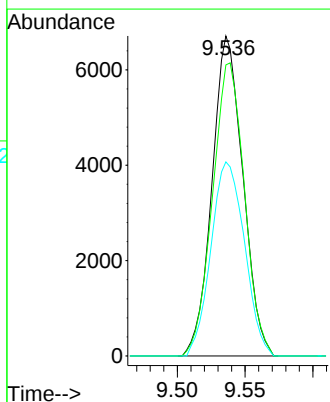
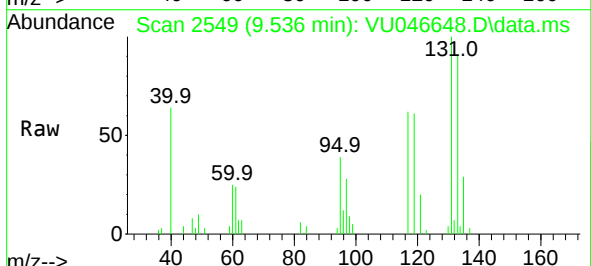
Manual Integrations
APPROVED

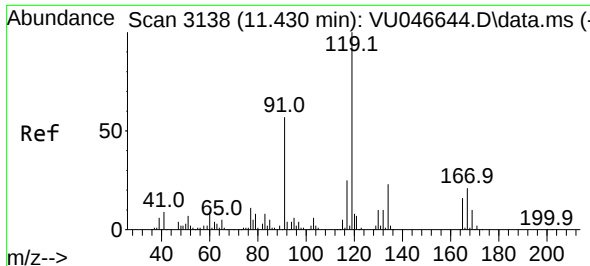
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 1.832 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

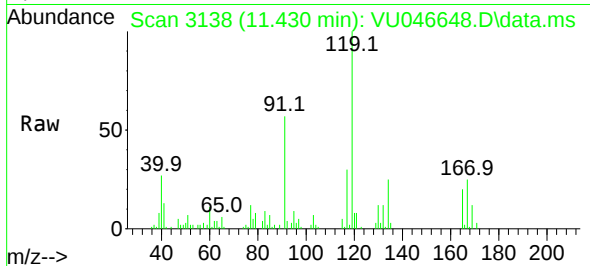
Tgt Ion:131 Resp: 10631
Ion Ratio Lower Upper
131 100
133 94.6 76.0 114.0
119 65.8 54.9 82.3





#61
Pentachloroethane
Concen: 1.765 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

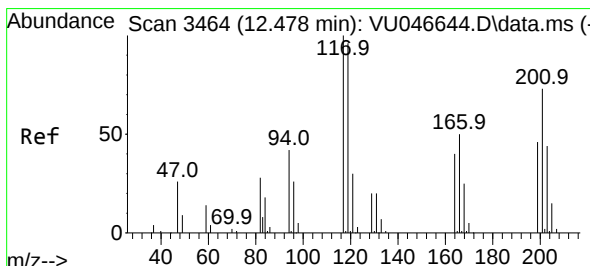
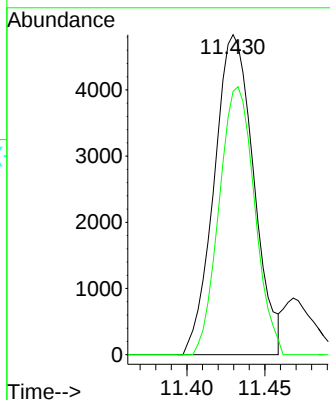
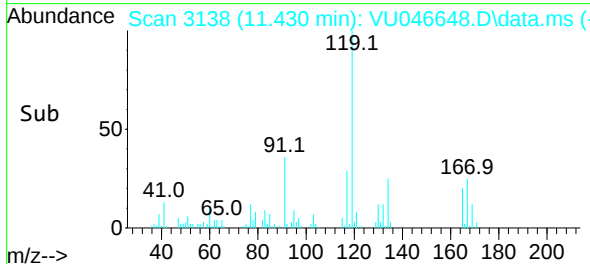
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



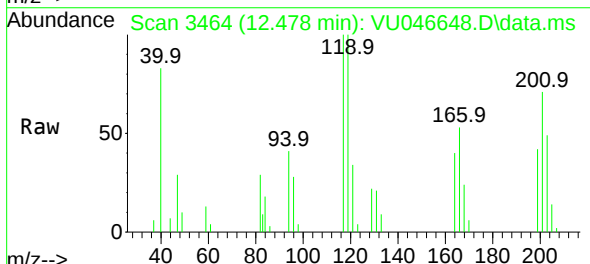
Tgt Ion:117 Resp: 8539
Ion Ratio Lower Upper
117 100
167 75.0 59.7 89.5

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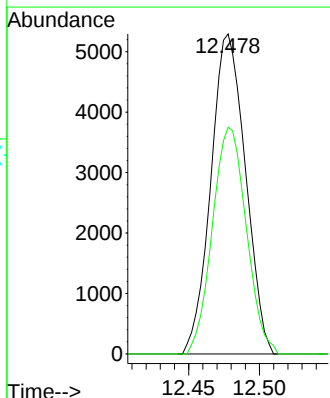
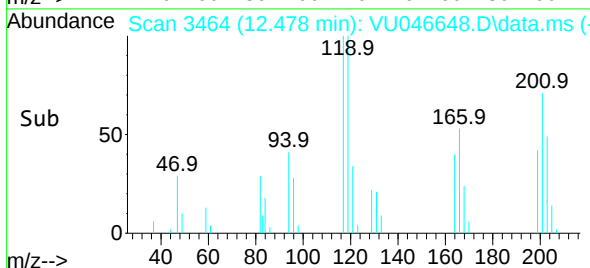
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

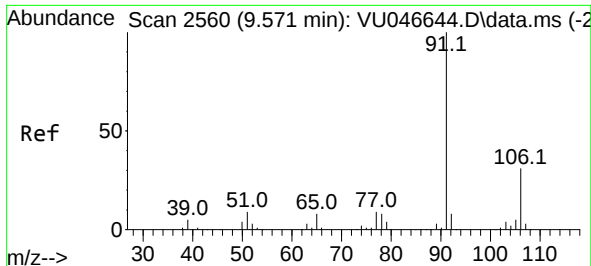


#62
Hexachloroethane
Concen: 1.849 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



Tgt Ion:117 Resp: 8970
Ion Ratio Lower Upper
117 100
201 69.5 53.6 80.4





#63

Ethyl Benzene

Concen: 1.610 ug/l

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU046648.D

Acq: 30 Dec 2021 14:59

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBS01

Tgt Ion: 91 Resp: 36514

Ion Ratio Lower Upper

91 100

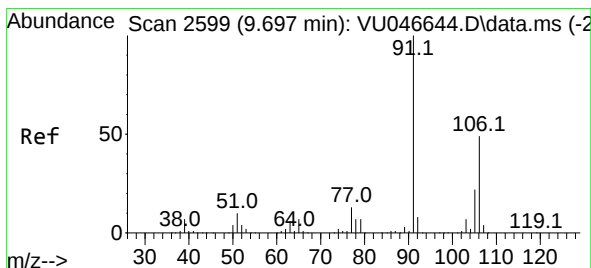
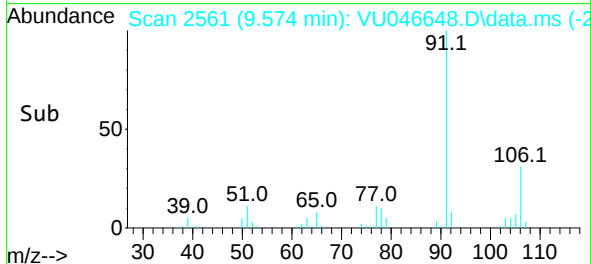
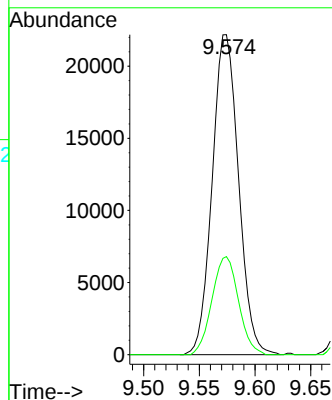
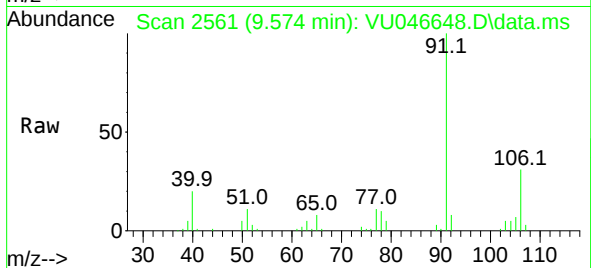
106 30.7 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#64

m/p-Xylenes

Concen: 3.254 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU046648.D

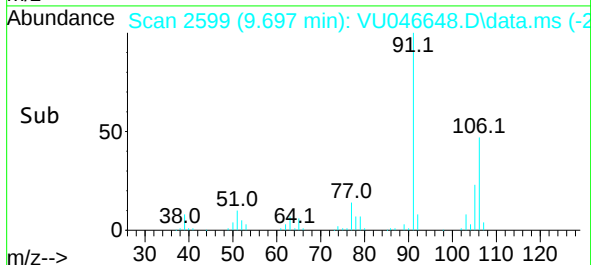
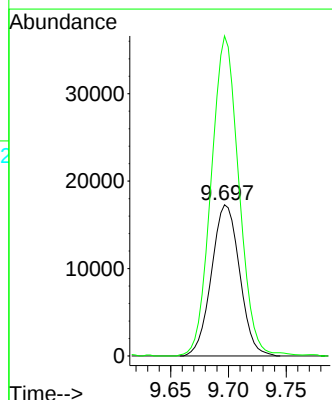
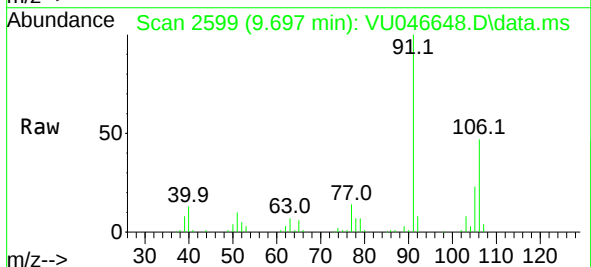
Acq: 30 Dec 2021 14:59

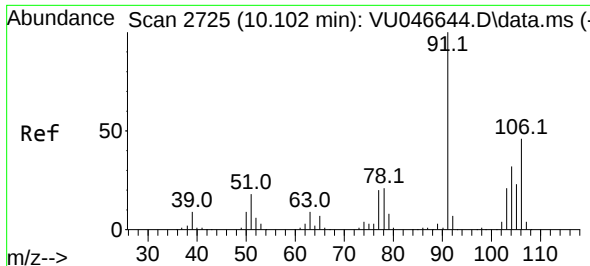
Tgt Ion:106 Resp: 29303

Ion Ratio Lower Upper

106 100

91 208.7 165.5 248.3





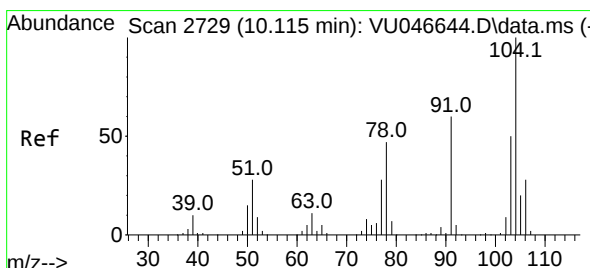
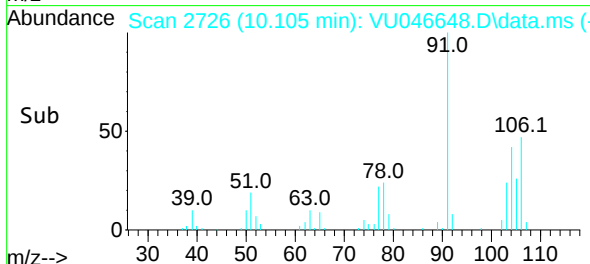
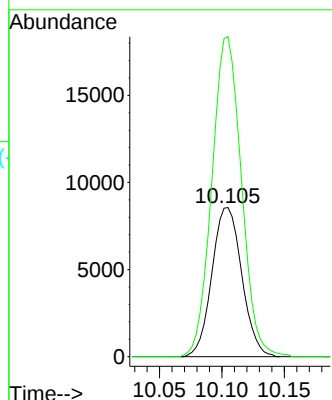
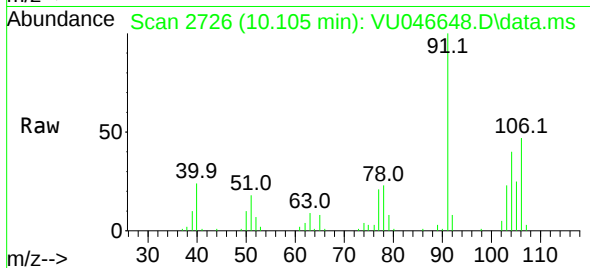
#65
o-Xylene
Concen: 1.677 ug/l
RT: 10.105 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01

Tgt Ion:106 Resp: 14275
Ion Ratio Lower Upper
106 100
91 212.5 109.4 328.2

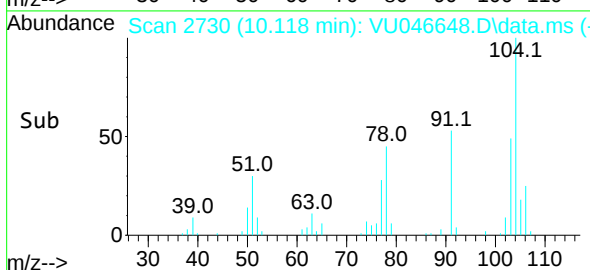
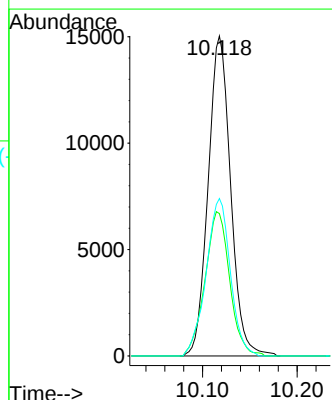
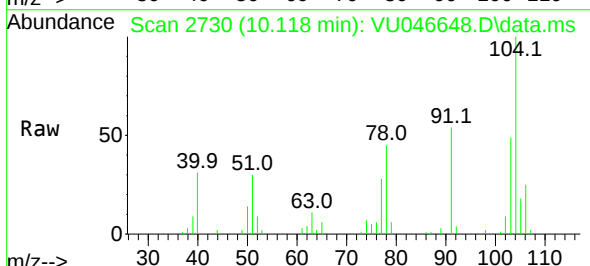
Manual Integrations
APPROVED

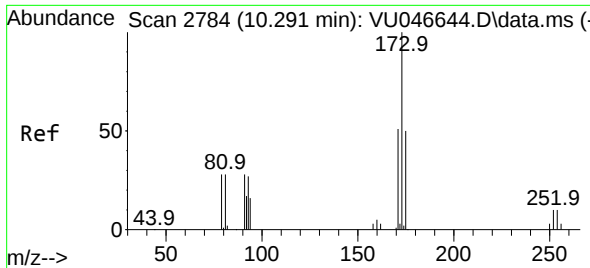
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#66
Styrene
Concen: 1.670 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

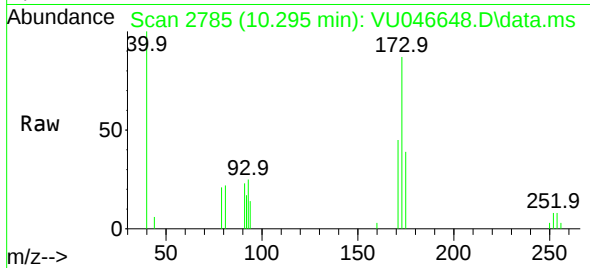
Tgt Ion:104 Resp: 24854
Ion Ratio Lower Upper
104 100
78 49.4 42.4 63.6
103 53.0 44.2 66.4





#67
Bromoform
Concen: 1.789 ug/l
RT: 10.295 min Scan# 2785
Delta R.T. 0.004 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

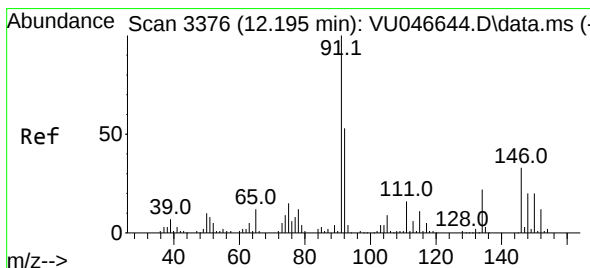
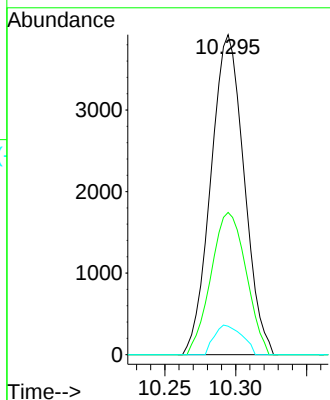
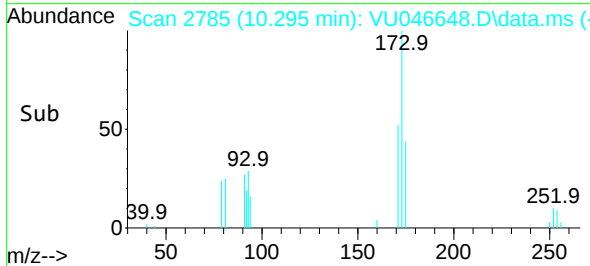
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



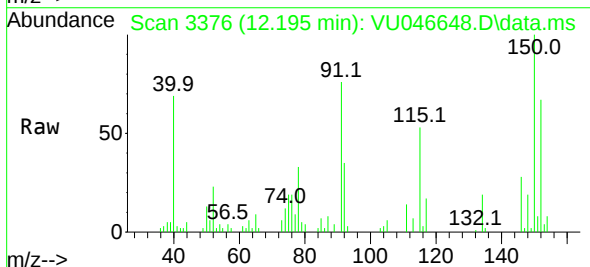
Tgt Ion:173 Resp: 6390
Ion Ratio Lower Upper
173 100
175 47.0 39.0 58.4
254 7.7 5.5 8.3

Manual Integrations
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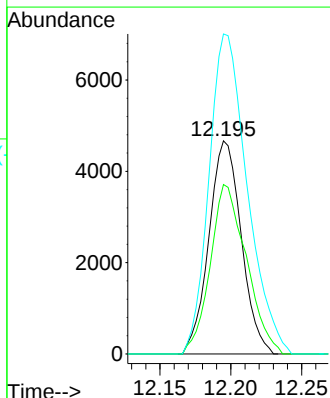
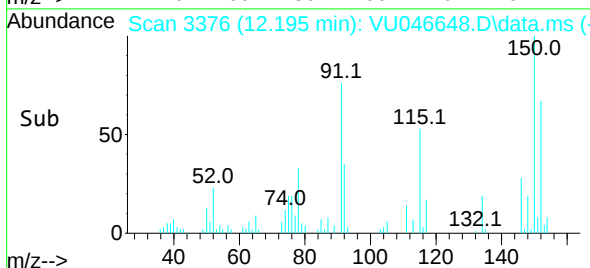
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

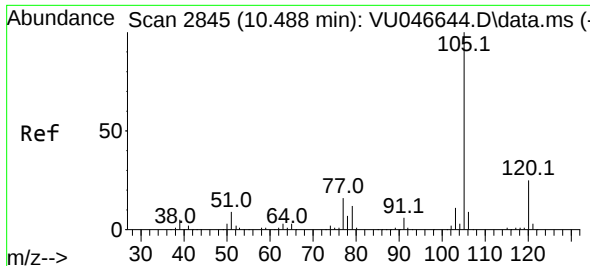


#68
1,2-Dichlorobenzene-d4
Concen: 0.986 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



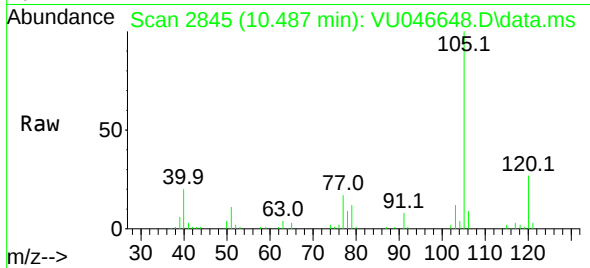
Tgt Ion:152 Resp: 7423
Ion Ratio Lower Upper
152 100
115 88.4 0.0 251.0
150 177.1 0.0 613.8





#69
Isopropylbenzene
Concen: 1.634 ug/l
RT: 10.487 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

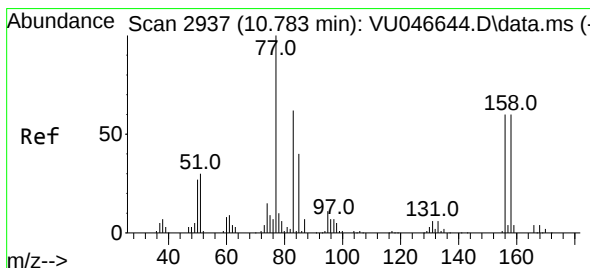
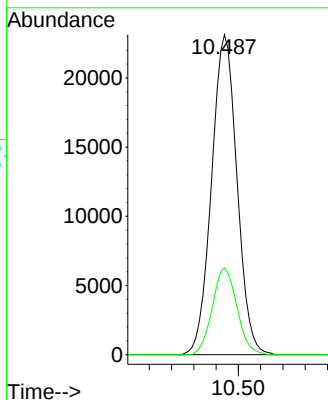
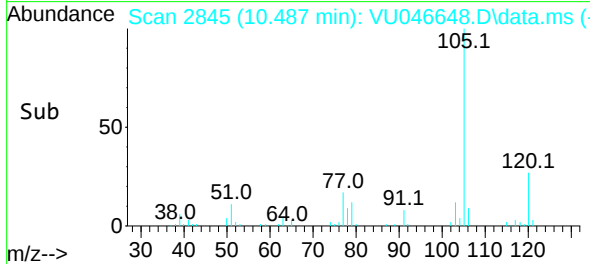
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



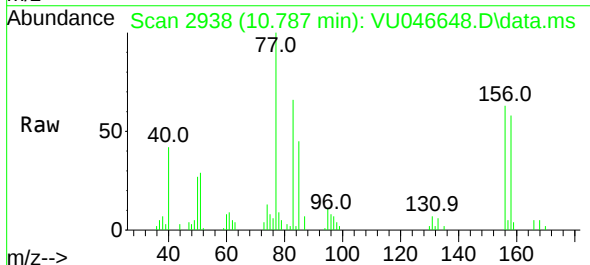
Tgt Ion:105 Resp: 3665
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4

Manual Integrations
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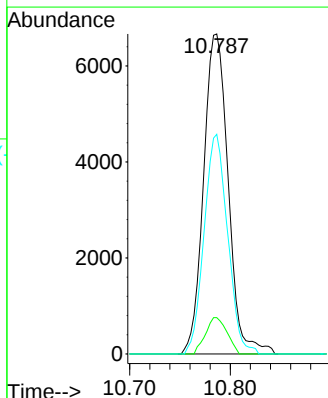
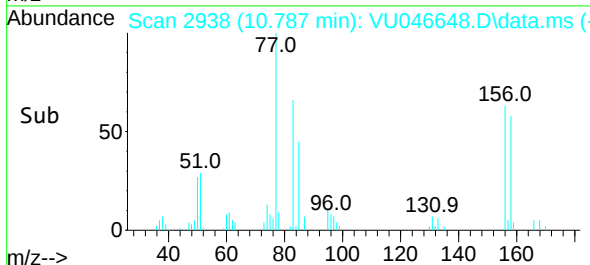
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

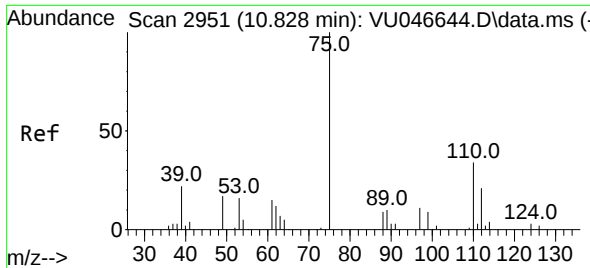


#70
1,1,2,2-Tetrachloroethane
Concen: 1.775 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.004 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



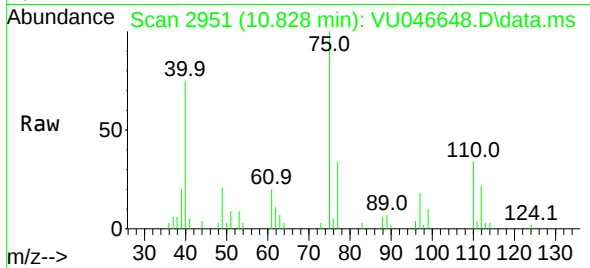
Tgt Ion: 83 Resp: 11328
Ion Ratio Lower Upper
83 100
131 9.9 7.6 11.4
85 65.7 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.676 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

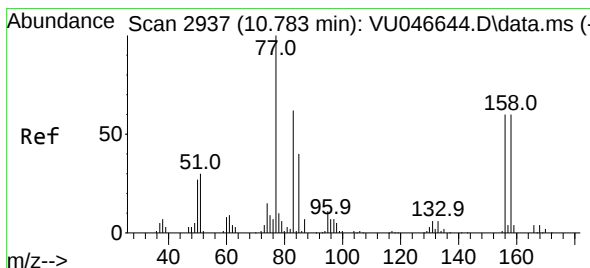
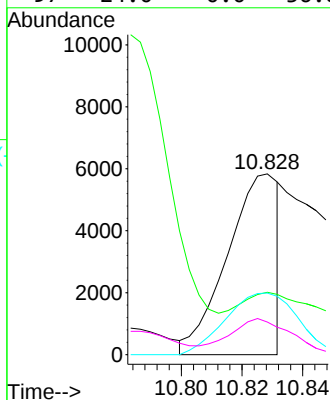
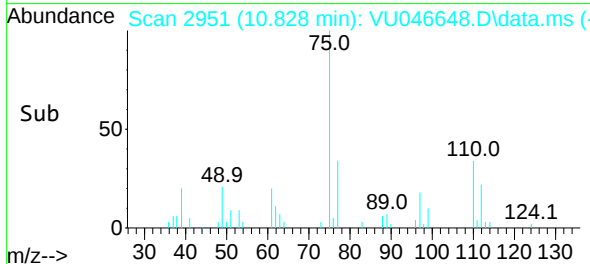
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



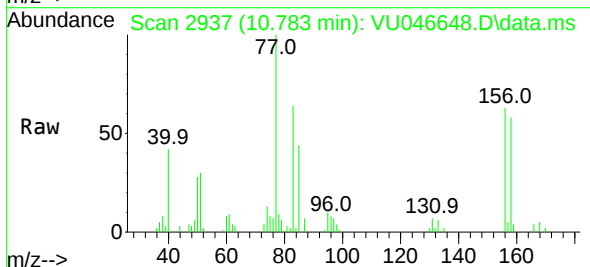
Tgt Ion: 75 Resp: 6840
Ion Ratio Lower Upper
75 100
77 62.5 0.0 105.6
110 48.1 0.0 71.2
97 24.0 0.0 36.8

Manual Integrations
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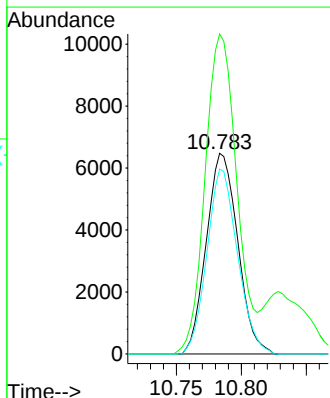
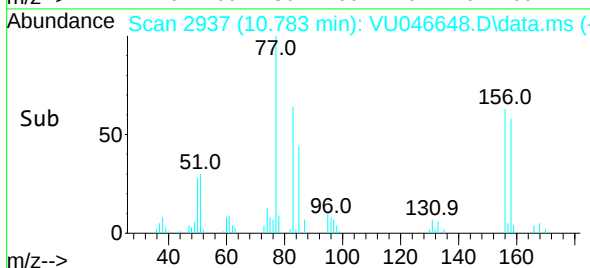
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

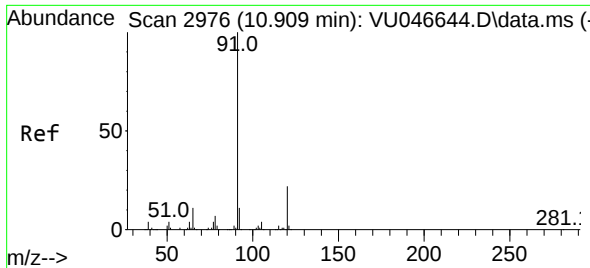


#72
Bromobenzene
Concen: 1.826 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



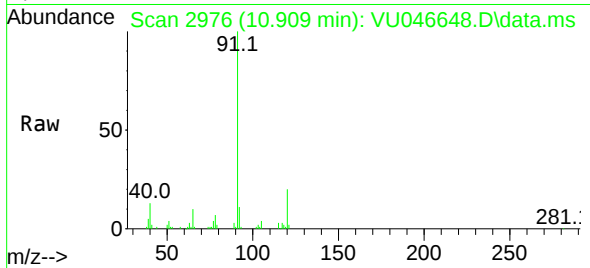
Tgt Ion:156 Resp: 10887
Ion Ratio Lower Upper
156 100
77 160.5 0.0 370.6
158 89.8 0.0 193.4





#73
n-propylbenzene
Concen: 1.570 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

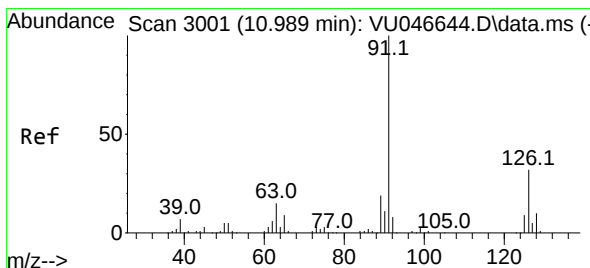
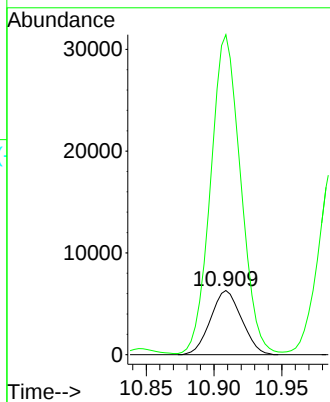
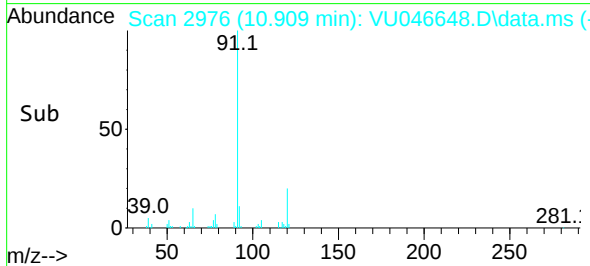
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



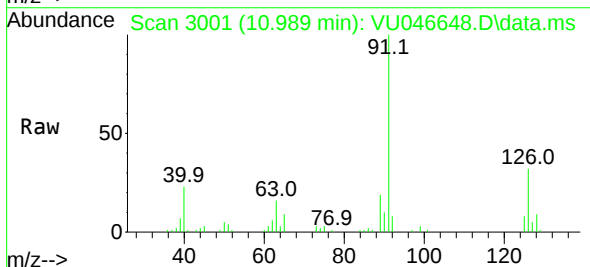
Tgt Ion:120 Resp: 10050
Ion Ratio Lower Upper
120 100
91 478.0 370.7 556.1

Manual Integrations
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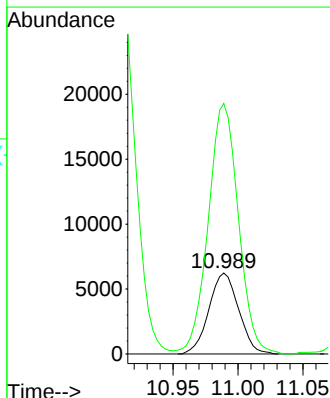
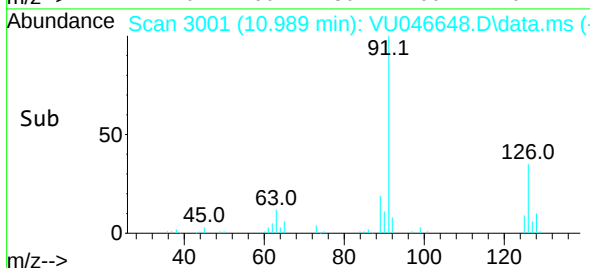
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

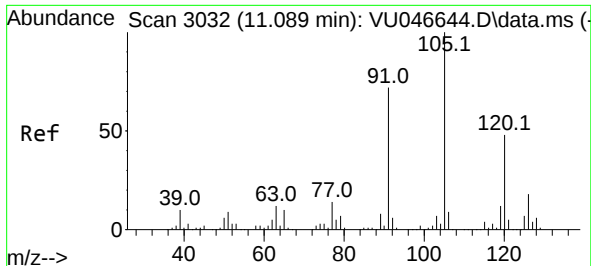


#74
2-Chlorotoluene
Concen: 1.790 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



Tgt Ion:126 Resp: 9903
Ion Ratio Lower Upper
126 100
91 314.2 0.0 639.6





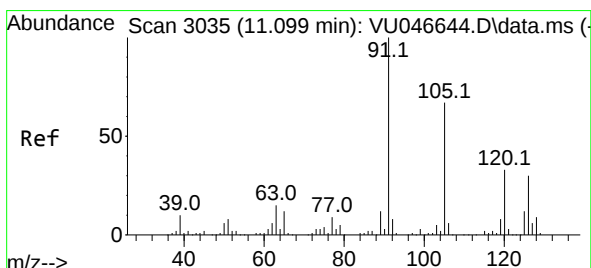
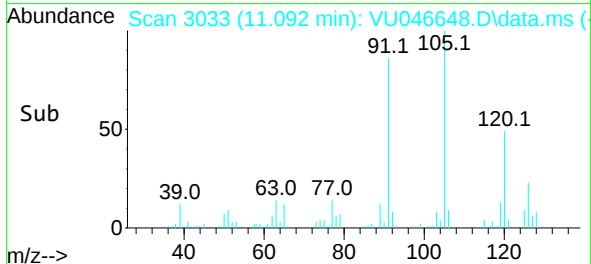
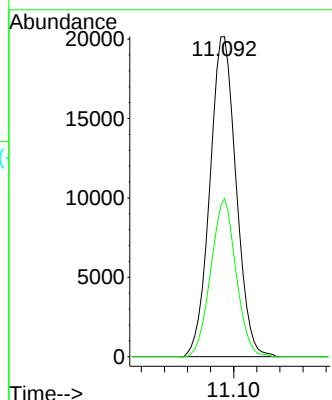
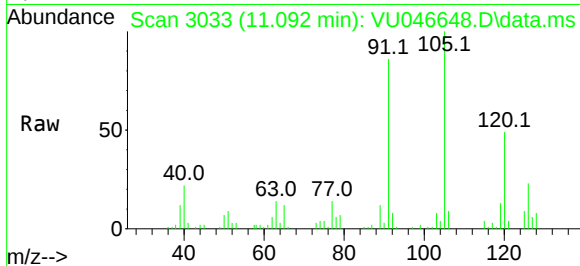
#75
1,3,5-Trimethylbenzene
Concen: 1.777 ug/l
RT: 11.092 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01

Tgt Ion:105 Resp: 31814
Ion Ratio Lower Upper
105 100
120 47.3 38.6 58.0

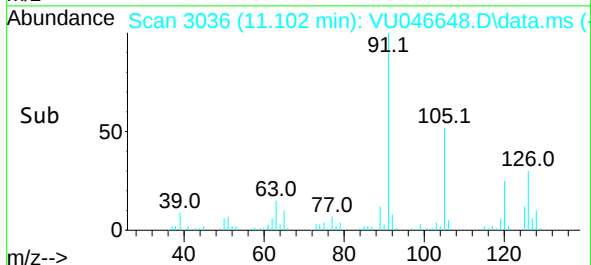
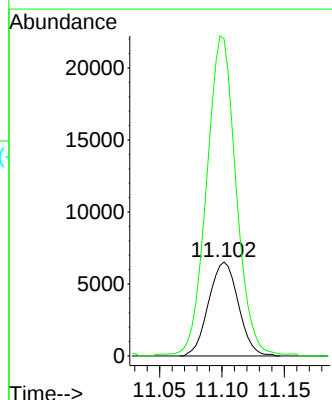
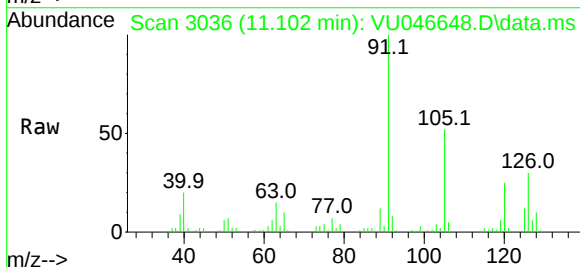
Manual Integrations
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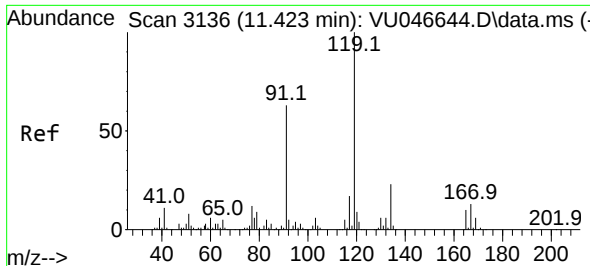
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#76
4-Chlorotoluene
Concen: 1.841 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

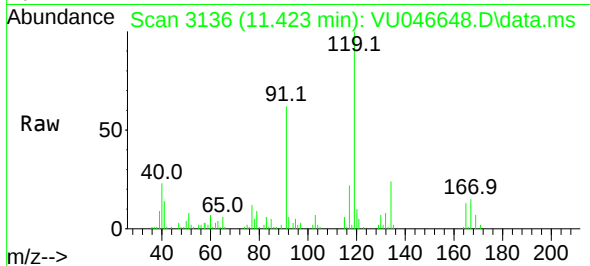
Tgt Ion:126 Resp: 10822
Ion Ratio Lower Upper
126 100
91 339.2 0.0 728.0





#77
tert-Butylbenzene
Concen: 1.691 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

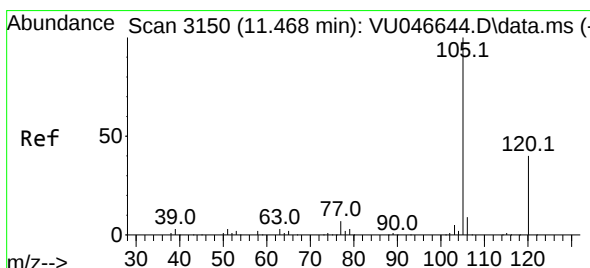
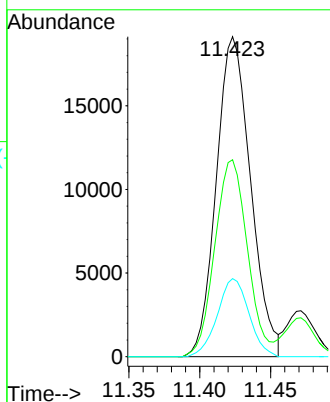
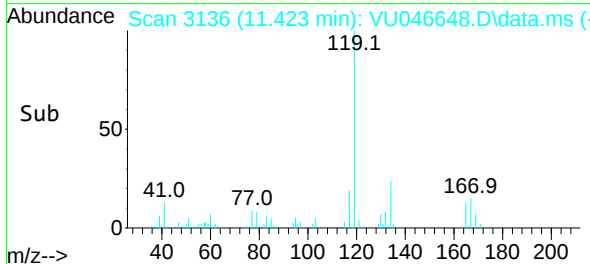
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



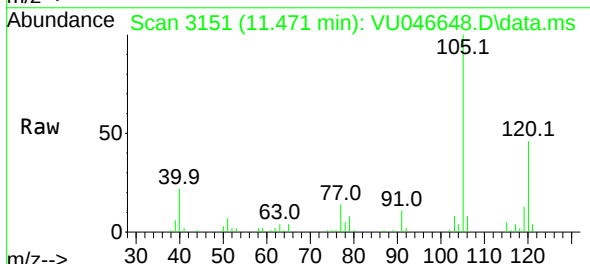
Tgt Ion:119 Resp: 32240
Ion Ratio Lower Upper
119 100
91 58.7 31.4 94.3
134 22.5 18.5 27.7

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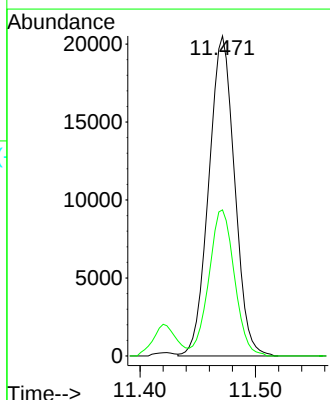
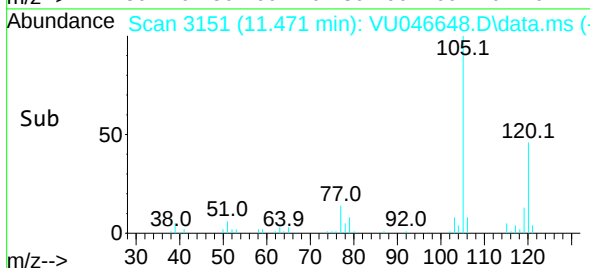
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

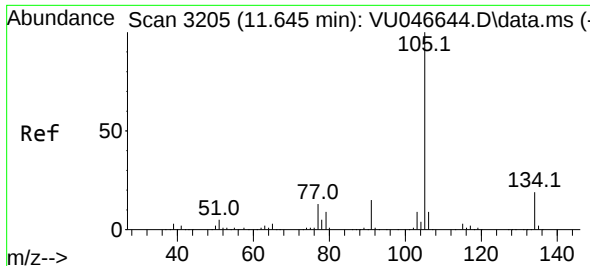


#78
1,2,4-Trimethylbenzene
Concen: 1.749 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



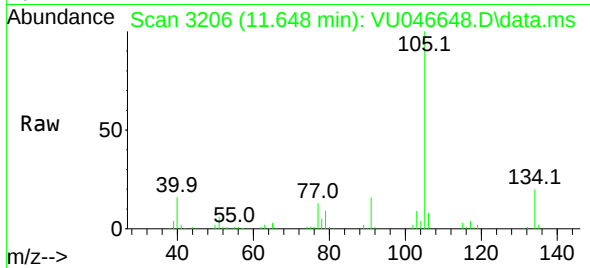
Tgt Ion:105 Resp: 31887
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 1.749 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU046648.D
 Acq: 30 Dec 2021 14:59

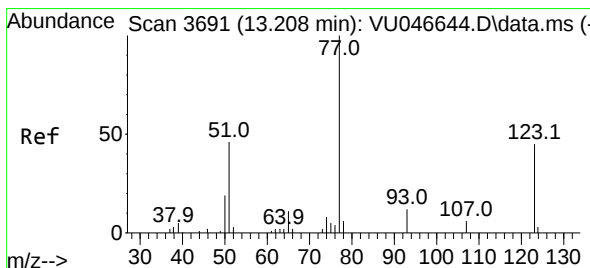
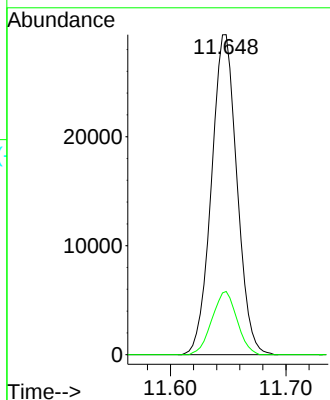
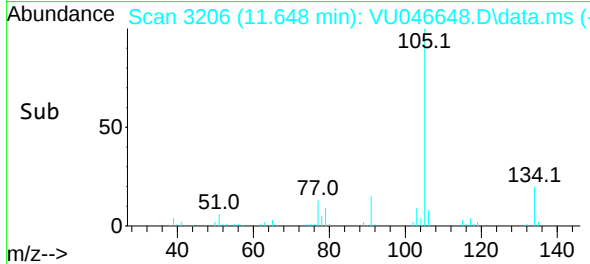
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1230WBS01



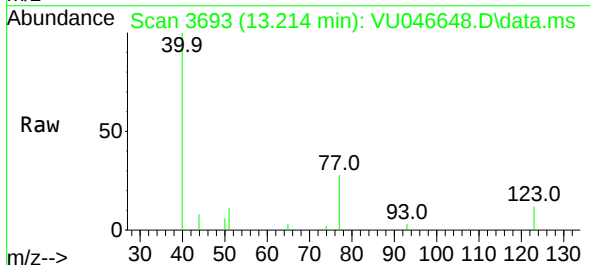
Tgt Ion:105 Resp: 45184
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.4 23.0

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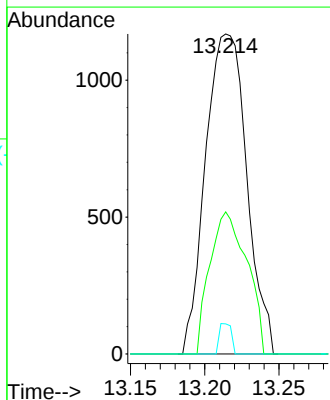
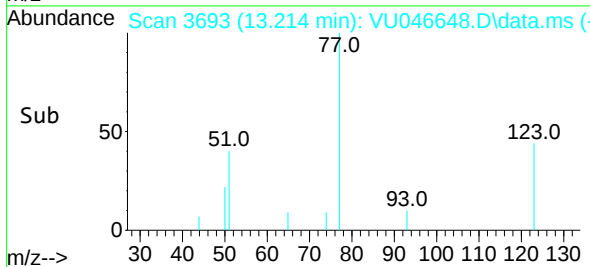
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022

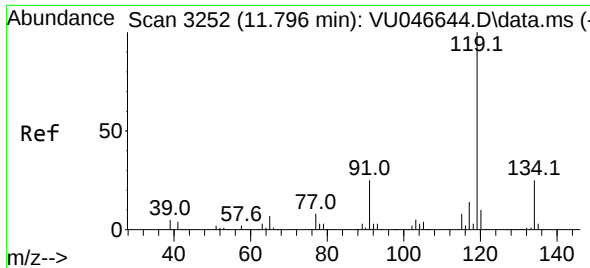


#80
 Nitrobenzene
 Concen: 10.112 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.006 min
 Lab File: VU046648.D
 Acq: 30 Dec 2021 14:59



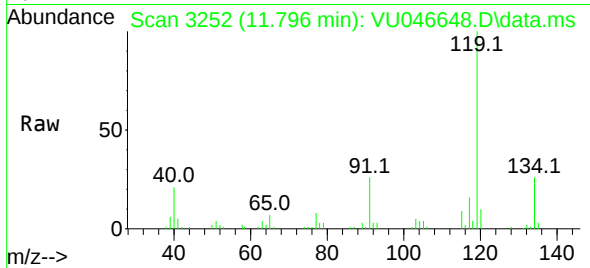
Tgt Ion: 77 Resp: 2258
 Ion Ratio Lower Upper
 77 100
 123 39.9 18.2 64.4
 65 2.8 12.0 15.2#





#81
p-Isopropyltoluene
Concen: 1.792 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

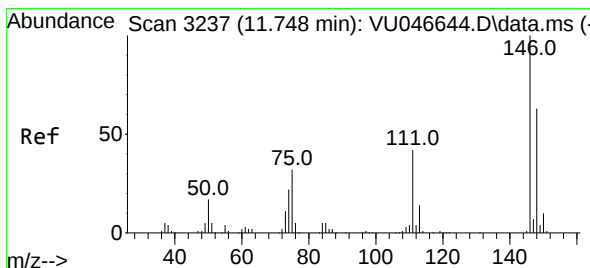
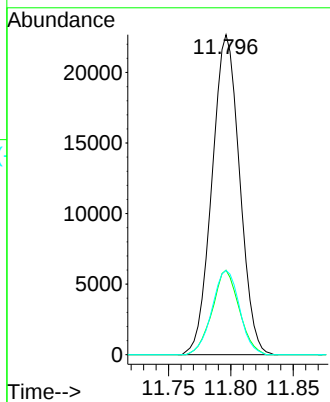
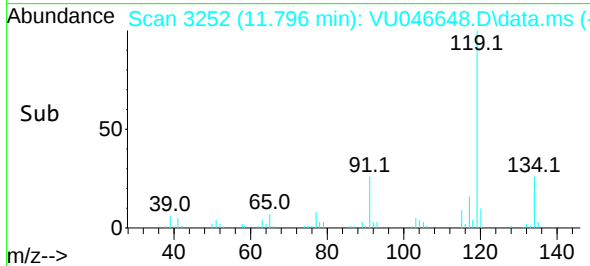
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



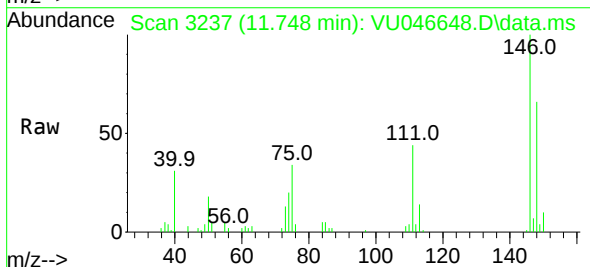
Tgt Ion:119 Resp: 34978
Ion Ratio Lower Upper
119 100
134 25.7 20.2 30.4
91 26.1 19.9 29.9

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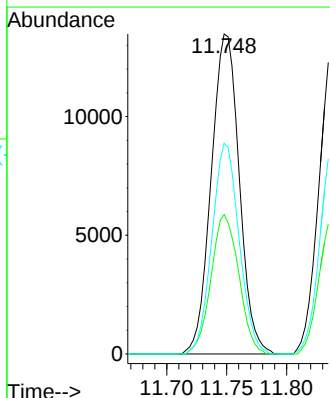
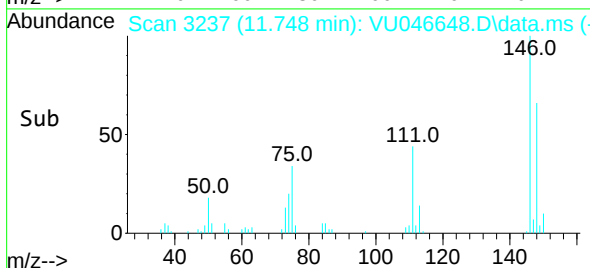
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

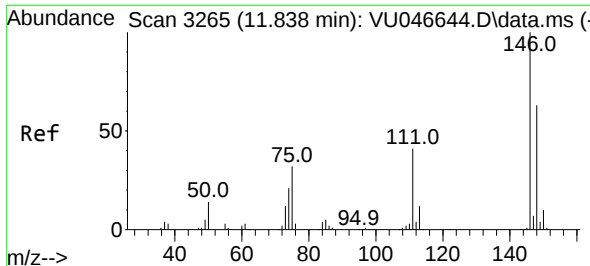


#82
1,3-Dichlorobenzene
Concen: 1.792 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



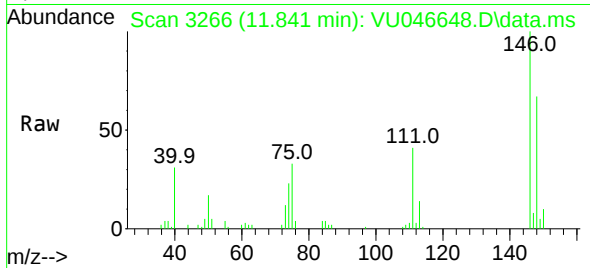
Tgt Ion:146 Resp: 21906
Ion Ratio Lower Upper
146 100
111 43.1 33.9 50.9
148 63.8 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 1.818 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

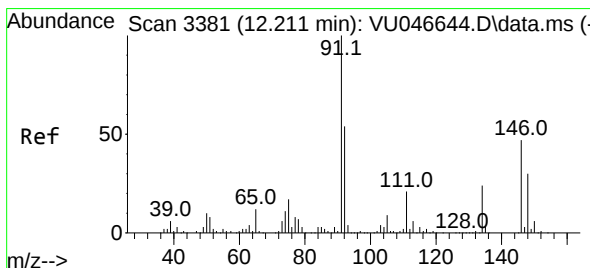
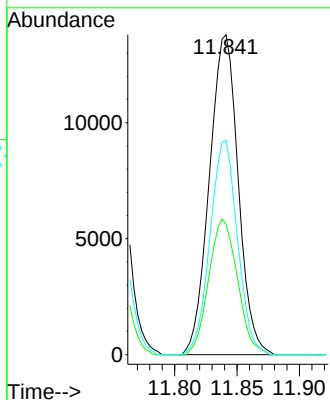
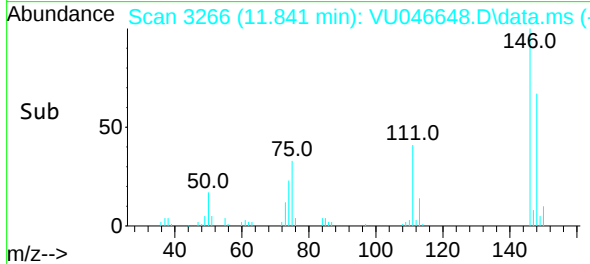
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



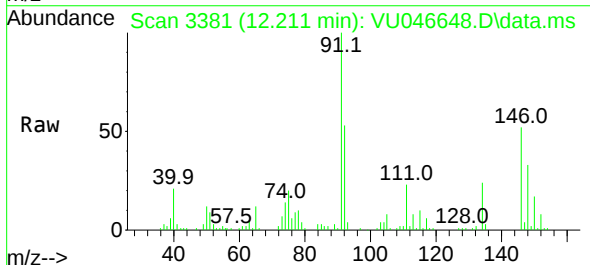
Tgt Ion:146 Resp: 2221
Ion Ratio Lower Upper
146 100
111 42.1 32.7 49.1
148 63.8 51.4 77.0

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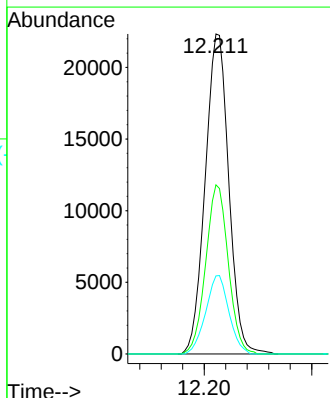
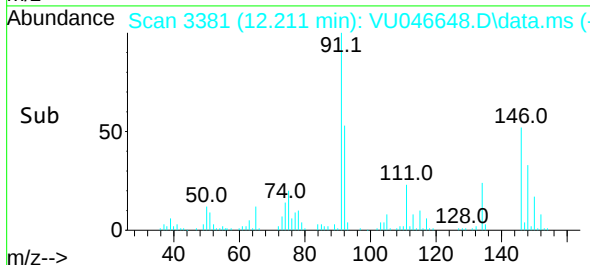
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

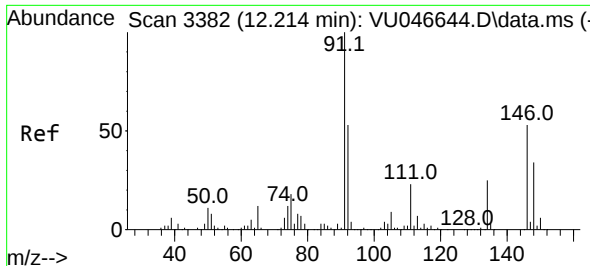


#84
n-Butylbenzene
Concen: 1.670 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



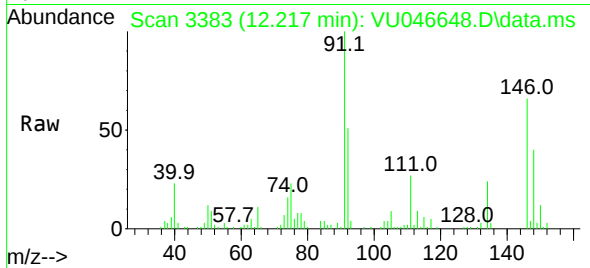
Tgt Ion: 91 Resp: 33961
Ion Ratio Lower Upper
91 100
92 50.6 43.5 65.3
134 24.1 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 1.786 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

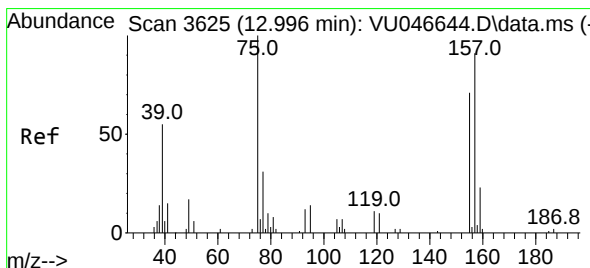
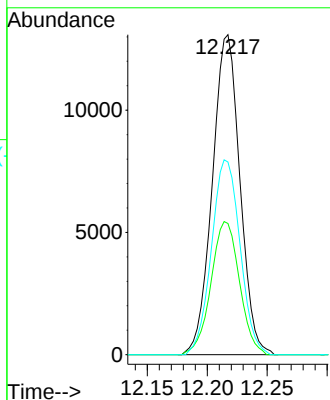
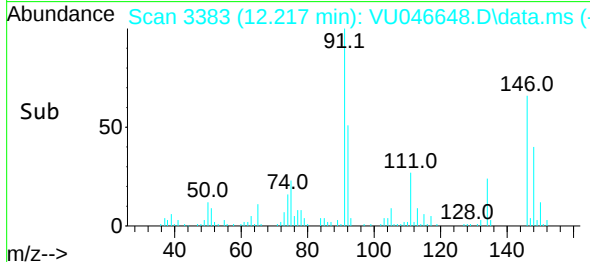
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



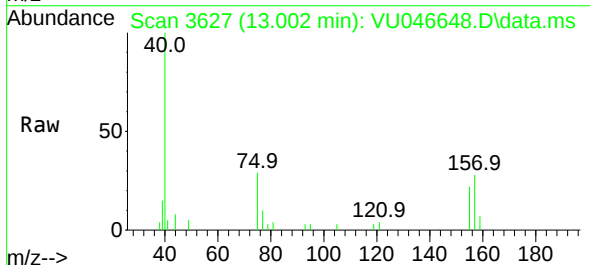
Tgt Ion:146 Resp: 20928
Ion Ratio Lower Upper
146 100
111 42.9 22.1 66.1
148 63.2 31.6 94.7

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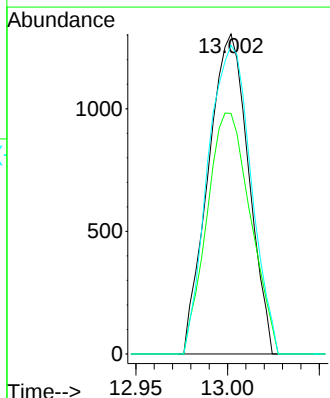
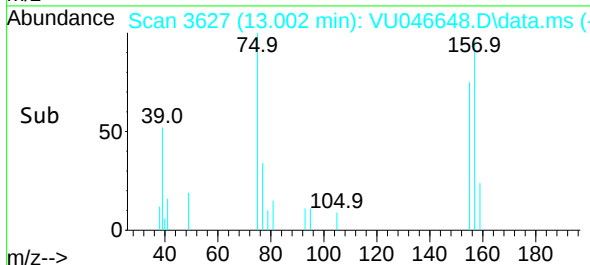
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

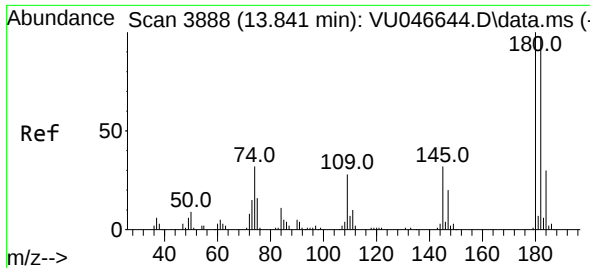


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.696 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.006 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



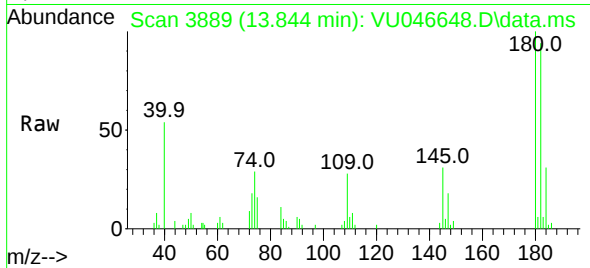
Tgt Ion: 75 Resp: 1994
Ion Ratio Lower Upper
75 100
155 81.3 57.8 86.8
157 103.1 75.1 112.7





#87
1,2,4-Trichlorobenzene
Concen: 1.679 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

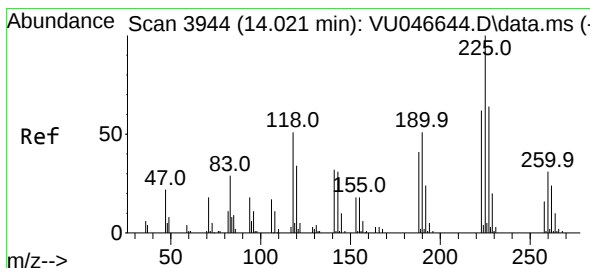
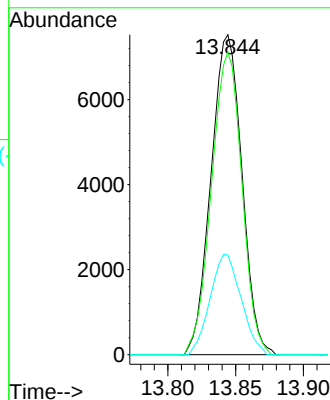
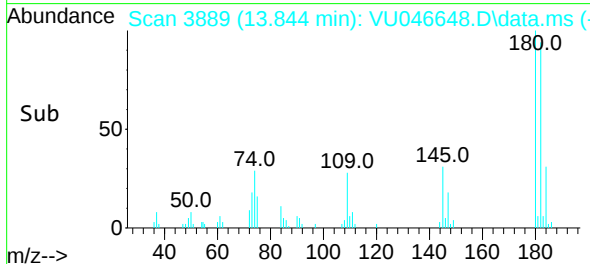
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



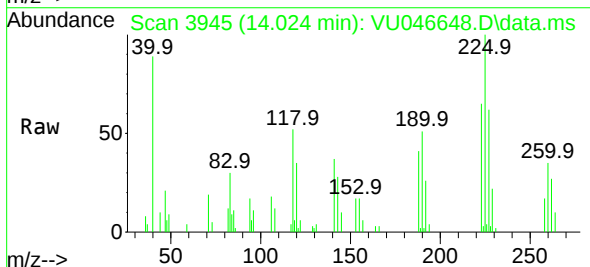
Tgt Ion:180 Resp: 1193
Ion Ratio Lower Upper
180 100
182 93.1 75.8 113.8
145 31.4 25.3 37.9

Manual Integrations
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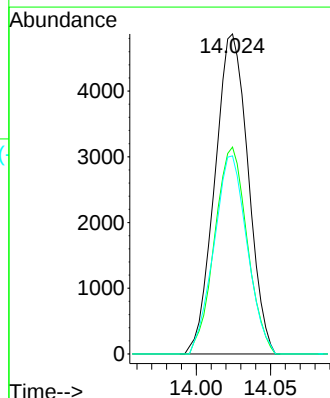
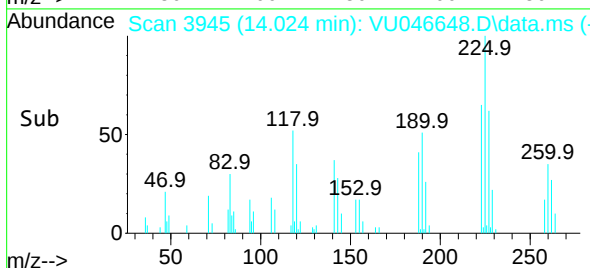
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

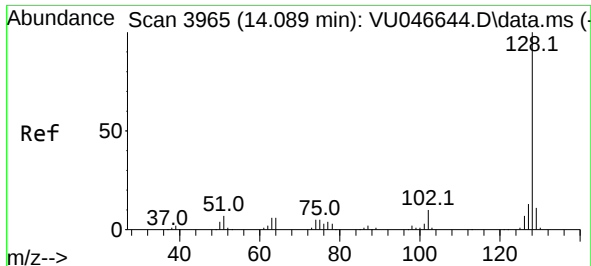


#88
Hexachlorobutadiene
Concen: 1.735 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



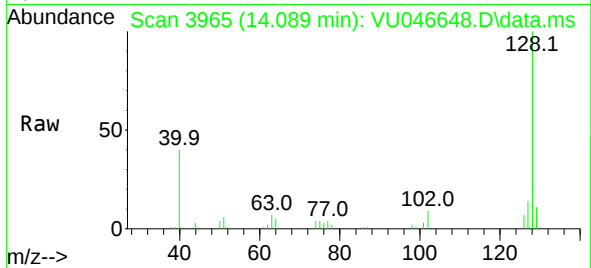
Tgt Ion:225 Resp: 7593
Ion Ratio Lower Upper
225 100
223 63.1 51.1 76.7
227 61.6 49.9 74.9





#89
Naphthalene
Concen: 1.731 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59

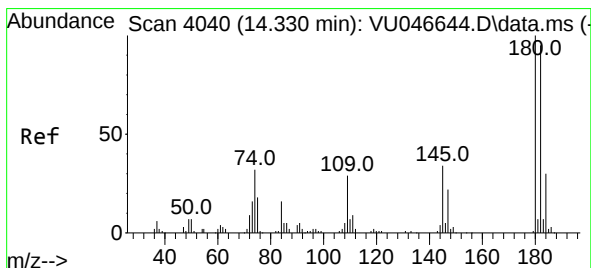
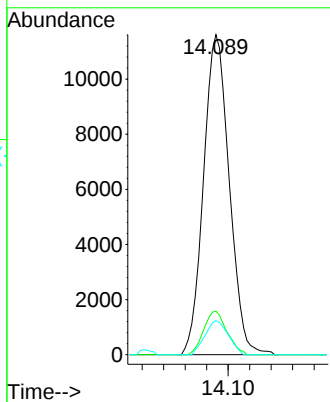
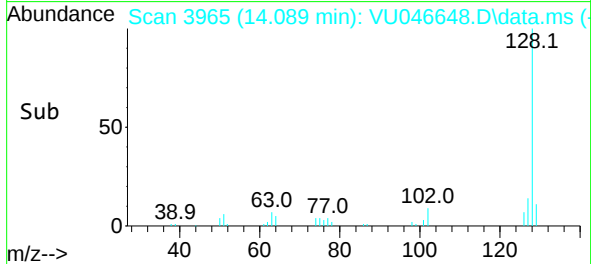
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBS01



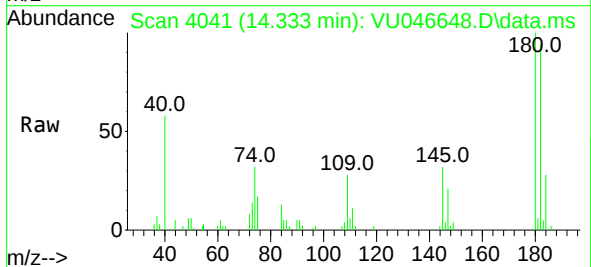
Tgt Ion:128 Resp: 19260
Ion Ratio Lower Upper
128 100
127 12.3 10.6 16.0
129 9.6 8.6 13.0

Manual Integrations
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Supervised By :Mahesh Dadoda 01/03/2022



#90
1,2,3-Trichlorobenzene
Concen: 1.706 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU046648.D
Acq: 30 Dec 2021 14:59



Tgt Ion:180 Resp: 11816
Ion Ratio Lower Upper
180 100
182 95.0 75.4 113.0
145 31.1 27.0 40.4

