

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
 Data File : VU046653.D
 Acq On : 30 Dec 2021 17:00
 Operator : SY/MD
 Sample : M5221-05MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PW-B6-L10-122221MS

Quant Time: Dec 31 07:26:50 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Fluorobenzene	6.118	96	20655	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	7202	0.980	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	8161	1.026	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	77303	9.762	ug/l	99
3) Chloromethane	1.523	50	67638	9.663	ug/l	99
4) Vinyl Chloride	1.607	62	72958	9.697	ug/l	100
5) Bromomethane	1.864	94	40293	10.255	ug/l	100
6) Chloroethane	1.938	64	42791	9.585	ug/l	99
7) Trichlorofluoromethane	2.144	101	101393	9.617	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	59223	10.095	ug/l	96
9) 1,1-Dichloroethene	2.584	96	51393	9.330	ug/l	96
10) Iodomethane	2.729	142	62145	10.806	ug/l	# 86
11) Allyl Chloride	2.929	41	68598	9.875	ug/l	94
12) Acrylonitrile	3.330	53	29908	20.344	ug/l	94
13) Acetone	2.662	43	55470	41.921	ug/l	99
14) Carbon Disulfide	2.800	76	165360	9.394	ug/l	99
15) Methylene Chloride	3.051	84	60143	9.865	ug/l	96
16) trans-1,2-Dichloroethene	3.359	96	56134	9.755	ug/l	98
17) 1,1-Dichloroethane	3.874	63	104829	9.767	ug/l	100
18) 2-Butanone	4.723	43	95922	48.513	ug/l	100
19) Cyclohexane	5.391	56	74472	10.592	ug/l	# 83
20) Methylcyclohexane	6.768	83	91008	10.956	ug/l	99
21) 2,2-Dichloropropane	4.668	77	87619	9.575	ug/l	100
22) cis-1,2-Dichloroethene	4.671	96	63625	10.332	ug/l	96
23) Diethyl Ether	2.382	59	38889	9.454	ug/l	95
24) tert-Butyl Alcohol	3.276	59	12019	27.876	ug/l	# 1
25) Methyl tert-Butyl Ether	3.369	73	136187	10.229	ug/l	95
26) Bromochloromethane	4.980	128	29615	9.719	ug/l	94
27) Chloroform	5.092	83	112595	9.453	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	99641	9.695	ug/l	97
29) 1,1-Dichloropropene	5.530	75	84774	10.481	ug/l	100
30) Carbon Tetrachloride	5.530	117	90726	9.676	ug/l	99
31) Isopropyl Ether	3.996	45	138052	10.330	ug/l	95
32) Ethyl-t-butyl ether	4.504	59	133566	10.111	ug/l	96
33) Tert-Amyl methyl ether	5.941	73	132979	10.446	ug/l	98
34) Propionitrile	4.809	54	30896	52.732	ug/l	# 1
35) Benzene	5.777	78	232549	10.063	ug/l	100
36) 1,2-Dichloroethane	5.797	62	77098	9.729	ug/l	99
37) Trichloroethene	6.546	130	59942	10.152	ug/l	100
38) 1,2-Dichloropropane	6.793	63	61772	10.097	ug/l	99
39) Methacrylonitrile	4.980	41	20035	10.210	ug/l	95
40) Methyl acrylate	4.851	55	37147	10.797	ug/l	98
41) Tetrahydrofuran	5.070	42	22451	22.538	ug/l	98
42) 1-Chlorobutane	5.462	56	112891	10.626	ug/l	96
43) Dibromomethane	6.922	93	35729	9.867	ug/l	98
44) Bromodichloromethane	7.108	83	87074	9.661	ug/l	99

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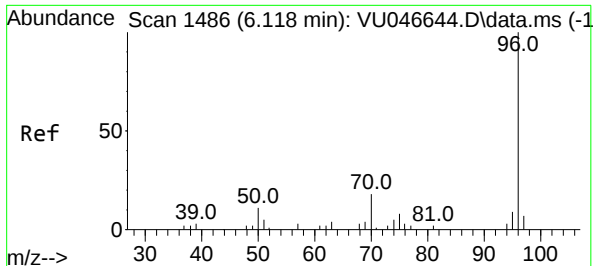
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
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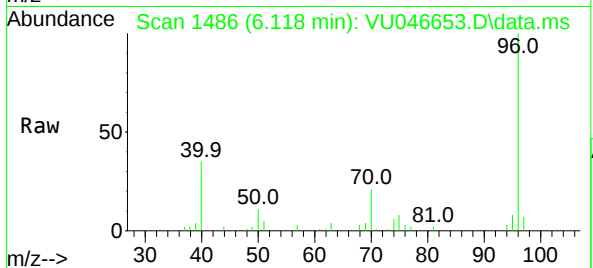
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	208967	53.959	ug/l	99
46) t-1,4-Dichloro-2-butene	10.838	75	40645m	19.474	ug/l	
47) Methyl methacrylate	6.964	69	64510	21.902	ug/l	91
48) Ethyl methacrylate	8.337	69	56649	10.790	ug/l	95
49) Toluene	7.973	92	146870	10.862	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	78781	10.148	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	86246	10.089	ug/l	91
52) 1,1,2-Trichloroethane	8.404	97	48769	9.686	ug/l	99
53) 1,3-Dichloropropane	8.578	76	85819	9.980	ug/l	99
54) 2-Hexanone	8.687	43	151624	53.580	ug/l	99
55) Dibromochloromethane	8.813	129	60974	9.683	ug/l	99
56) 1,2-Dibromoethane	8.925	107	46834	9.766	ug/l	100
58) Tetrachloroethene	8.555	164	55888	10.708	ug/l	100
59) Chlorobenzene	9.449	112	149369	10.235	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	59132	9.650	ug/l	98
61) Pentachloroethane	11.430	117	53212	10.416	ug/l	95
62) Hexachloroethane	12.478	117	51689	10.090	ug/l	95
63) Ethyl Benzene	9.571	91	271947	11.355	ug/l	99
64) m/p-Xylenes	9.697	106	221969	23.340	ug/l	100
65) o-Xylene	10.102	106	99867	11.105	ug/l	100
66) Styrene	10.115	104	184077	11.712	ug/l	97
67) Bromoform	10.292	173	37391	9.901	ug/l #	99
69) Isopropylbenzene	10.488	105	267870	11.308	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	66068	9.800	ug/l	100
71) 1,2,3-Trichloropropane	10.832	75	42130m	9.776	ug/l	
72) Bromobenzene	10.783	156	65041	10.329	ug/l	92
73) n-propylbenzene	10.909	120	77706	11.496	ug/l	96
74) 2-Chlorotoluene	10.986	126	64799	11.089	ug/l	96
75) 1,3,5-Trimethylbenzene	11.089	105	240837	9.798	ug/l	99
76) 4-Chlorotoluene	11.099	126	70754	11.397	ug/l	95
77) tert-Butylbenzene	11.423	119	231754	11.512	ug/l	96
78) 1,2,4-Trimethylbenzene	11.468	105	248118	9.853	ug/l	99
79) sec-Butylbenzene	11.645	105	314247	11.515	ug/l	100
80) Nitrobenzene	13.208	77	17803	51.628	ug/l #	97
81) p-Isopropyltoluene	11.796	119	266691	9.721	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	132232	10.240	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	136223	10.554	ug/l	99
84) n-Butylbenzene	12.211	91	250565	11.663	ug/l	98
85) 1,2-Dichlorobenzene	12.214	146	128274	10.365	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	12730	10.254	ug/l	99
87) 1,2,4-Trichlorobenzene	13.841	180	79654	10.613	ug/l	100
88) Hexachlorobutadiene	14.021	225	45116	9.759	ug/l	98
89) Naphthalene	14.089	128	163531	9.793	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	80304	10.977	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: VU046653.D
Acq: 30 Dec 2021 17:00

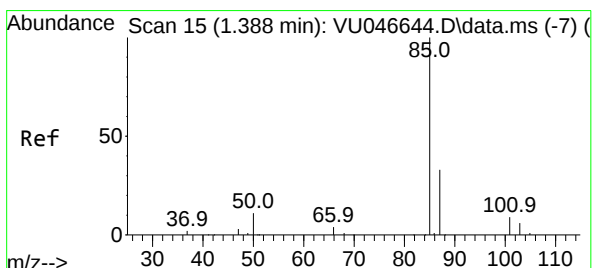
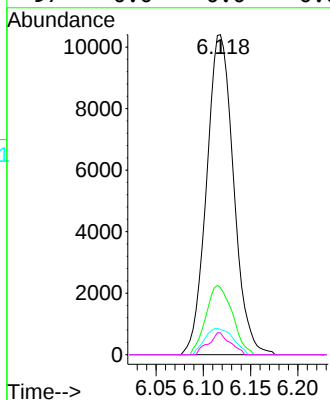
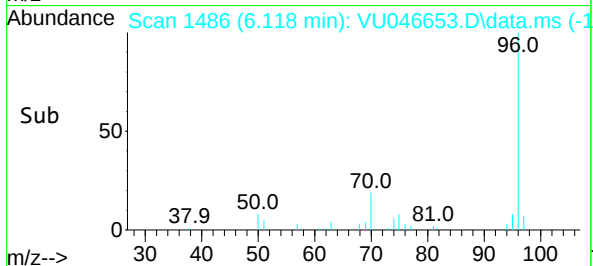
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



Tgt Ion: 96 Resp: 2065
Ion Ratio Lower Upper
96 100
70 21.1 16.8 25.2
95 8.6 7.3 10.9
97 0.0 0.0 0.0

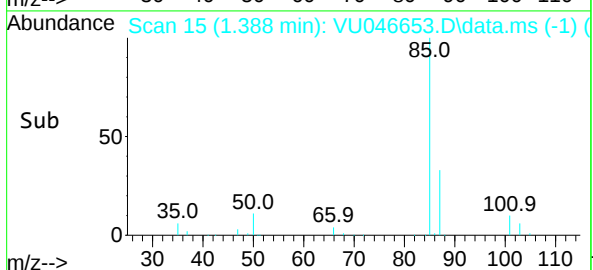
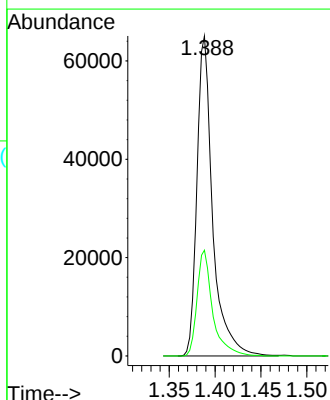
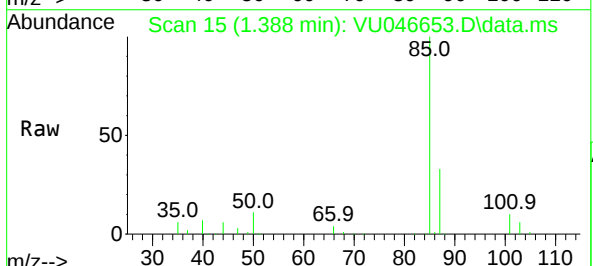
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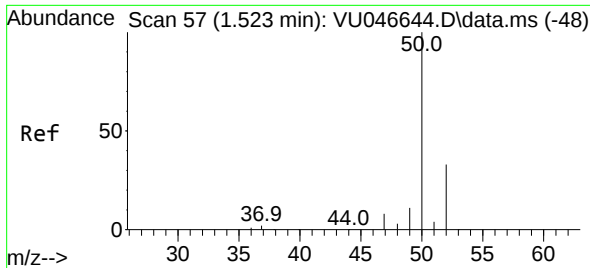
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#2
Dichlorodifluoromethane
Concen: 9.762 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Tgt Ion: 85 Resp: 77303
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6





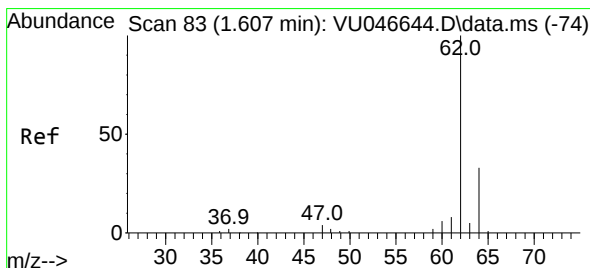
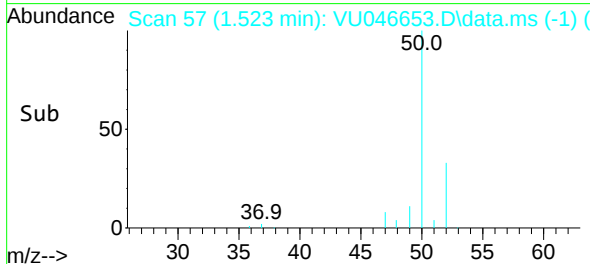
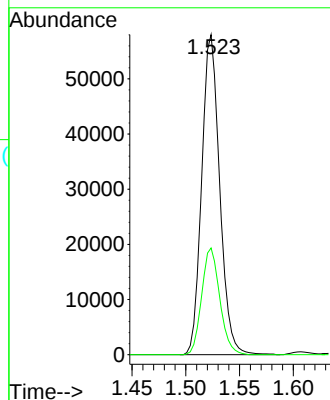
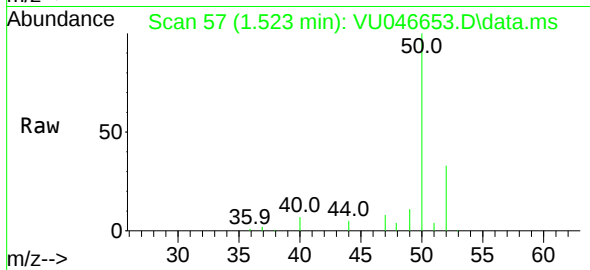
#3
Chloromethane
Concen: 9.663 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS

Tgt Ion: 50 Resp: 67638
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.4

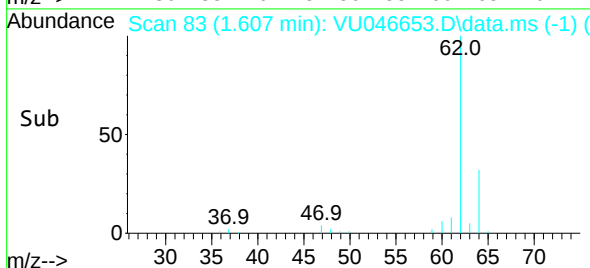
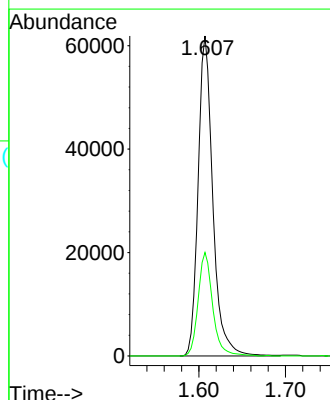
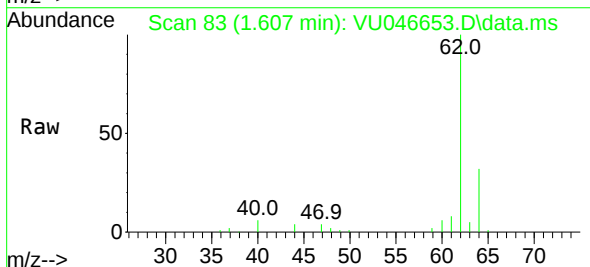
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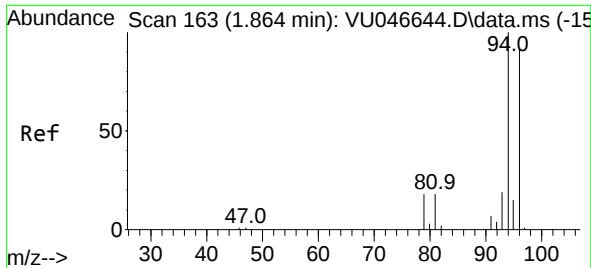
Reviewed By :Semsettin Yesilyurt 12/31/2021
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#4
Vinyl Chloride
Concen: 9.697 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

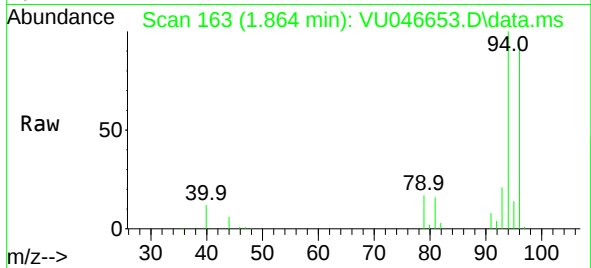
Tgt Ion: 62 Resp: 72958
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0





#5
Bromomethane
Concen: 10.255 ug/l
RT: 1.864 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

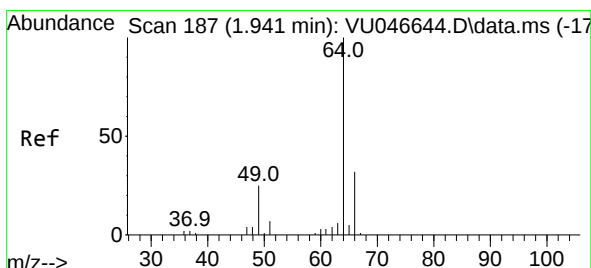
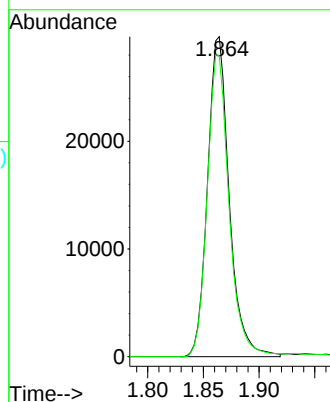
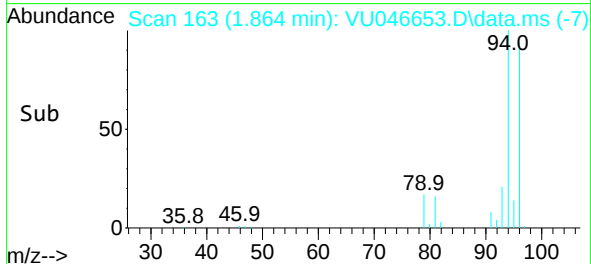
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



Tgt Ion: 94 Resp: 4029
Ion Ratio Lower Upper
94 100
96 94.0 75.0 112.4

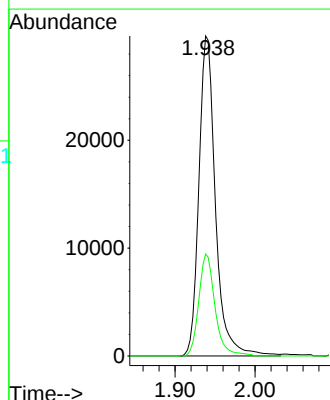
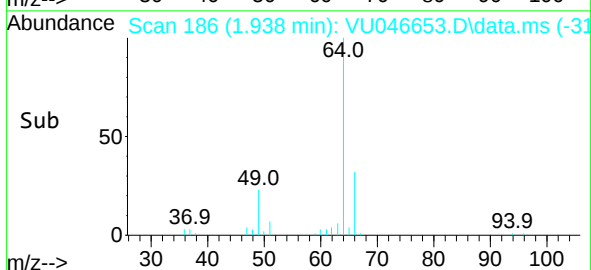
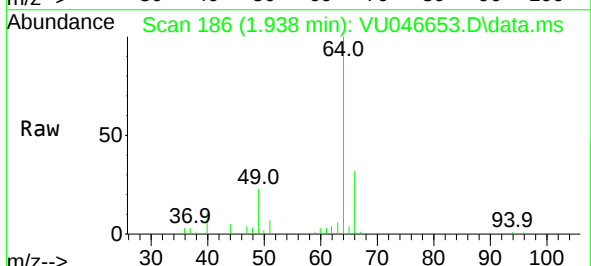
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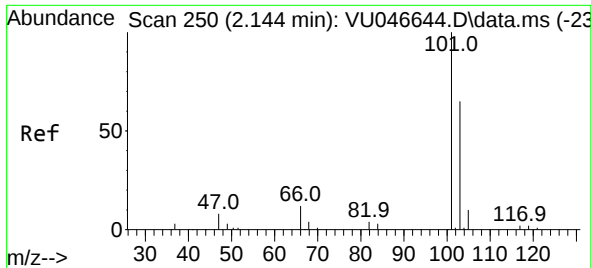
Reviewed By :Semsettin Yesilyurt 12/31/2021
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#6
Chloroethane
Concen: 9.585 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Tgt Ion: 64 Resp: 42791
Ion Ratio Lower Upper
64 100
66 31.8 25.8 38.8





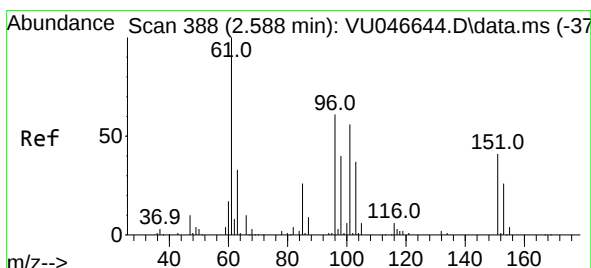
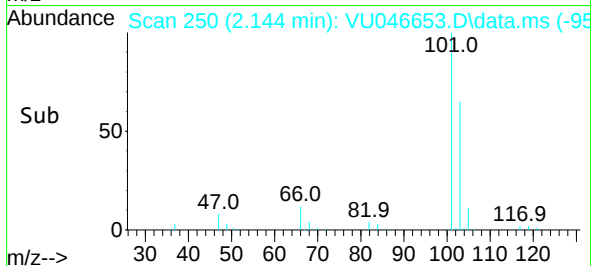
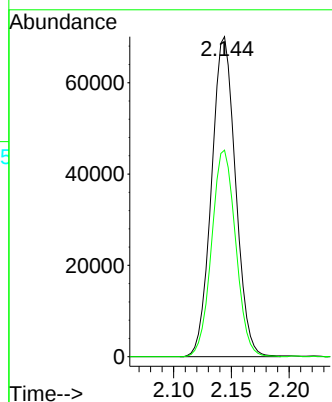
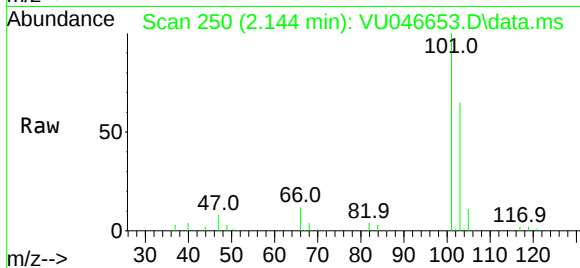
#7
Trichlorofluoromethane
Concen: 9.617 ug/l
RT: 2.144 min Scan# 210
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS

Tgt Ion:101 Resp: 10139
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2

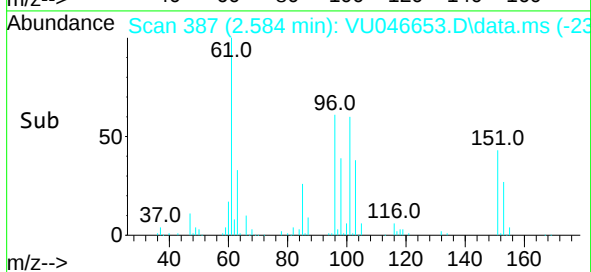
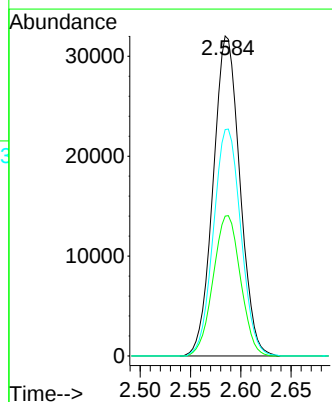
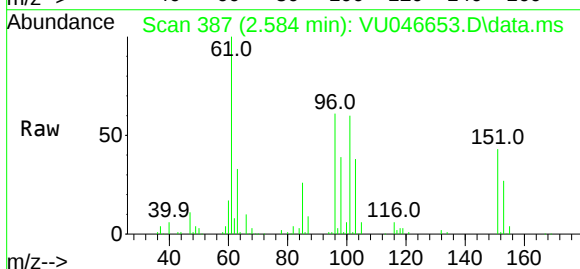
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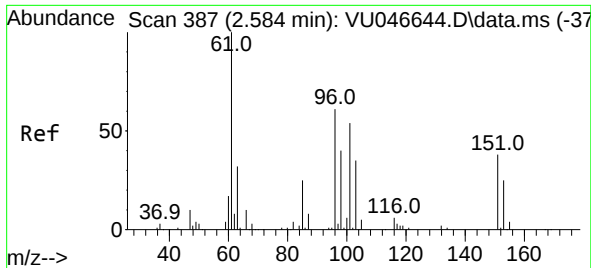
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.095 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.004 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Tgt Ion:101 Resp: 59223
Ion Ratio Lower Upper
101 100
85 44.8 35.8 53.6
151 72.8 54.6 81.8





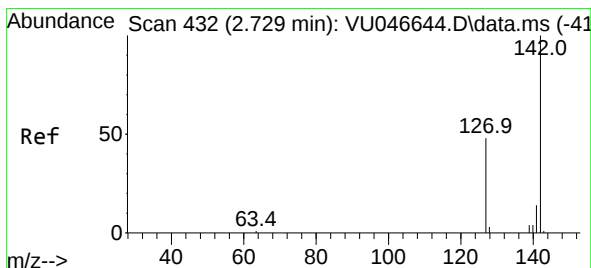
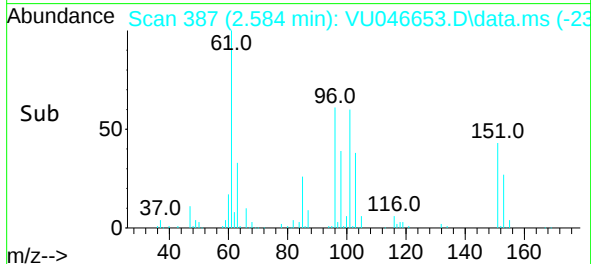
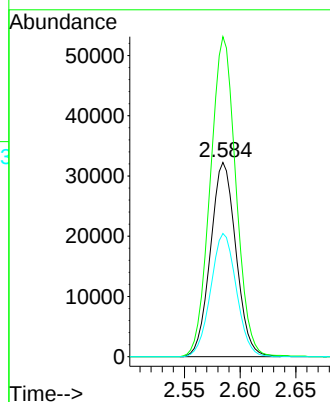
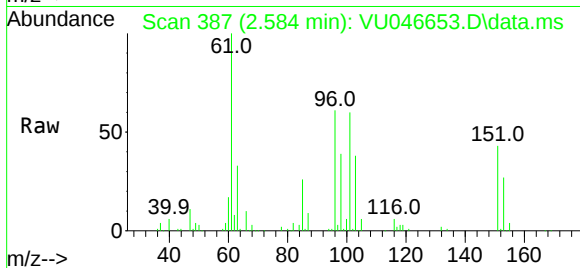
#9
1,1-Dichloroethene
Concen: 9.330 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS

Tgt Ion: 96 Resp: 5139
Ion Ratio Lower Upper
96 100
61 164.7 0.0 514.2
98 63.4 0.0 126.4

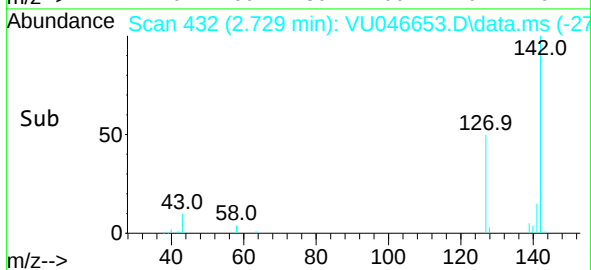
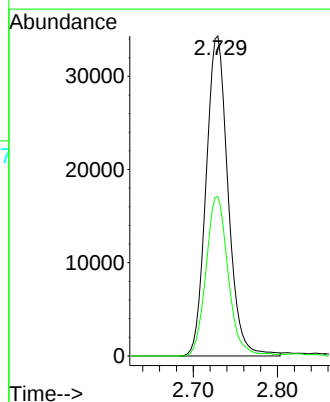
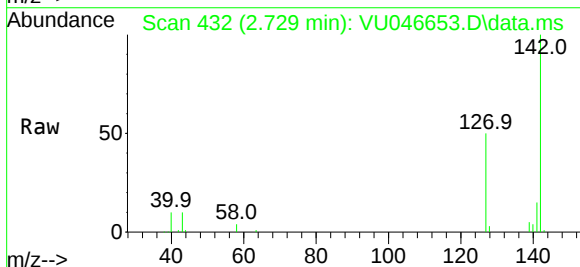
Manual Integrations
APPROVED

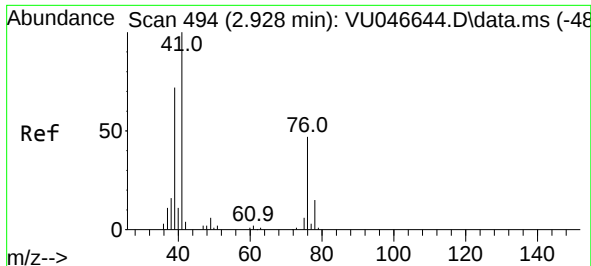
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#10
Iodomethane
Concen: 10.806 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

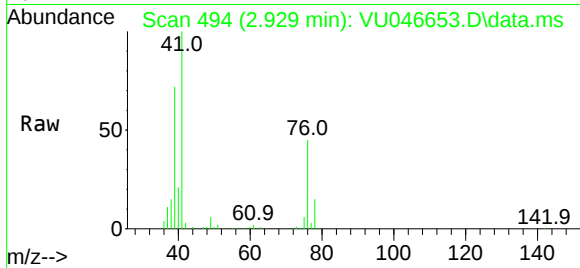
Tgt Ion:142 Resp: 62145
Ion Ratio Lower Upper
142 100
127 50.5 33.2 49.8#





#11
 Allyl Chloride
 Concen: 9.875 ug/l
 RT: 2.929 min Scan# 494
 Delta R.T. 0.001 min
 Lab File: VU046653.D
 Acq: 30 Dec 2021 17:00

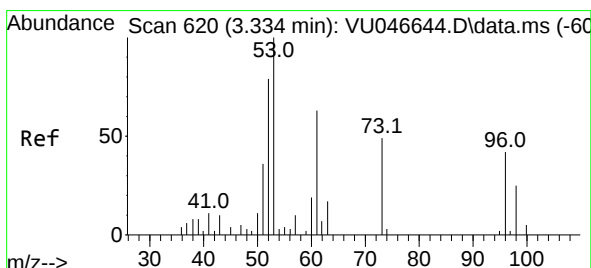
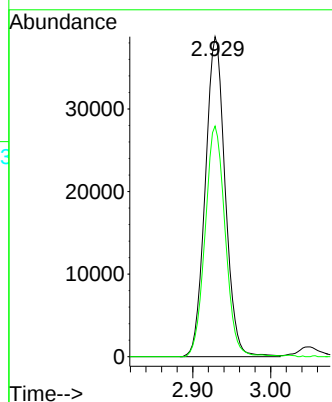
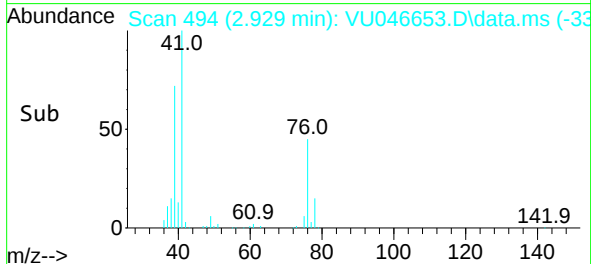
Instrument :
 MSVOA_U
 ClientSampleId :
 PW-B6-L10-122221MS



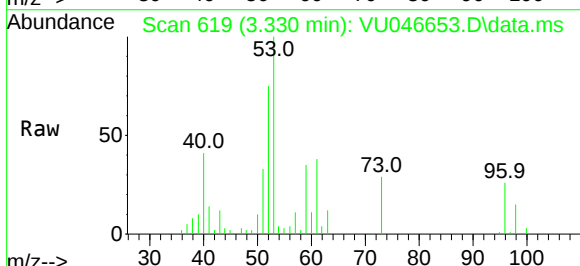
Tgt Ion: 41 Resp: 68598
 Ion Ratio Lower Upper
 41 100
 39 73.0 62.4 93.6

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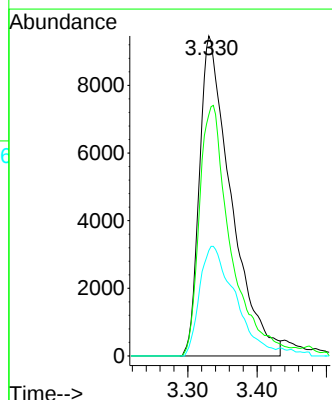
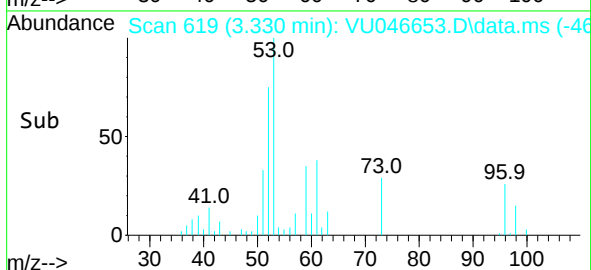
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022

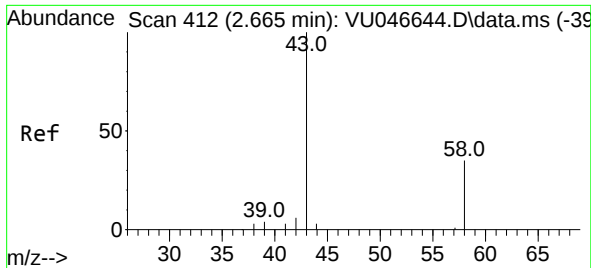


#12
 Acrylonitrile
 Concen: 20.344 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. -0.004 min
 Lab File: VU046653.D
 Acq: 30 Dec 2021 17:00



Tgt Ion: 53 Resp: 29908
 Ion Ratio Lower Upper
 53 100
 52 77.6 56.7 85.1
 51 38.5 30.3 45.5





#13

Acetone

Concen: 41.921 ug/l

RT: 2.662 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MS

Tgt Ion: 43 Resp: 55470

Ion Ratio Lower Upper

43 100

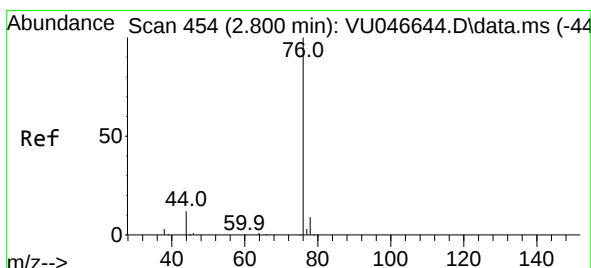
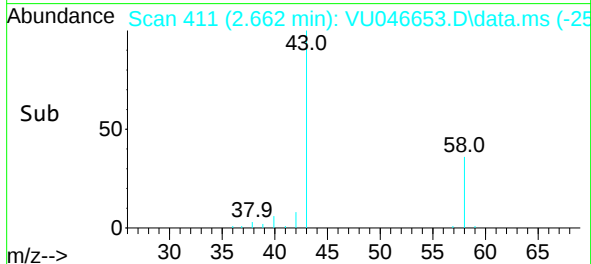
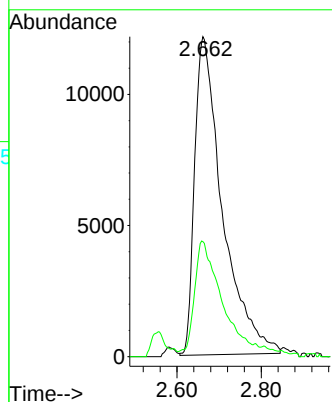
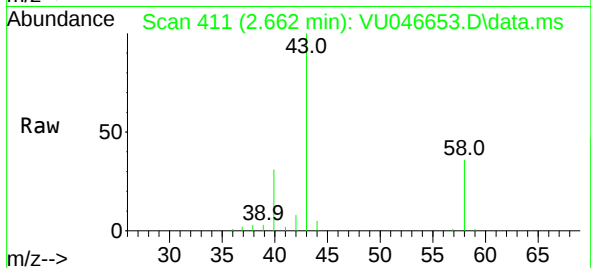
58 34.5 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#14

Carbon Disulfide

Concen: 9.394 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046653.D

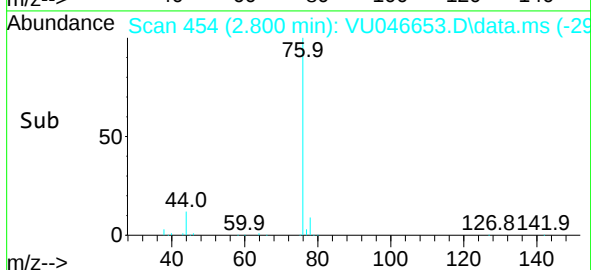
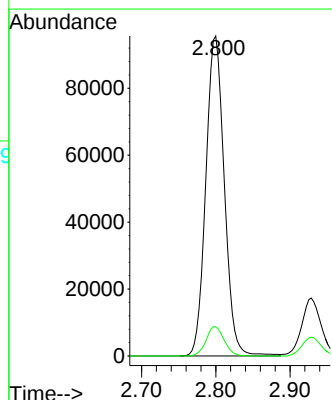
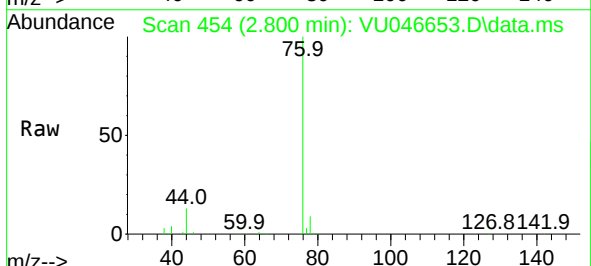
Acq: 30 Dec 2021 17:00

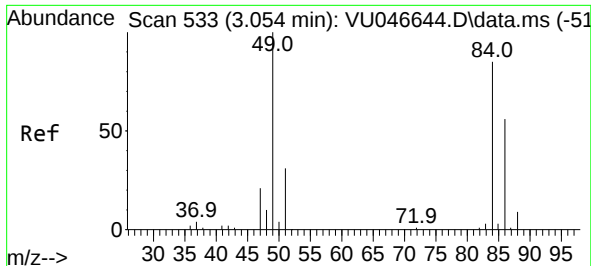
Tgt Ion: 76 Resp: 165360

Ion Ratio Lower Upper

76 100

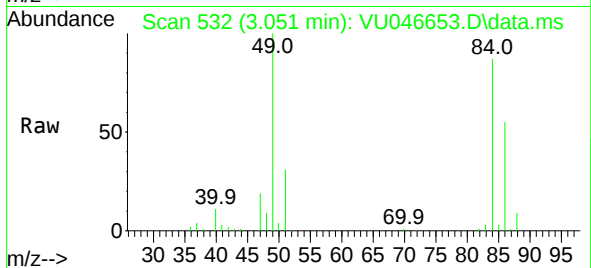
78 9.1 7.1 10.7





#15
Methylene Chloride
Concen: 9.865 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

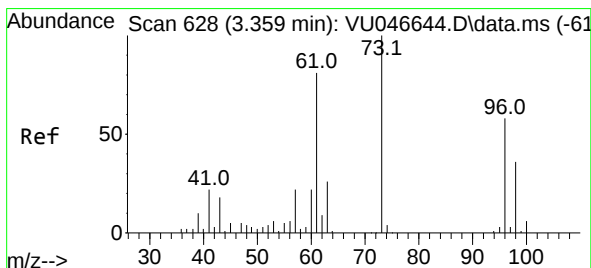
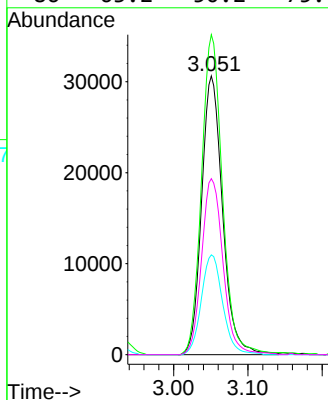
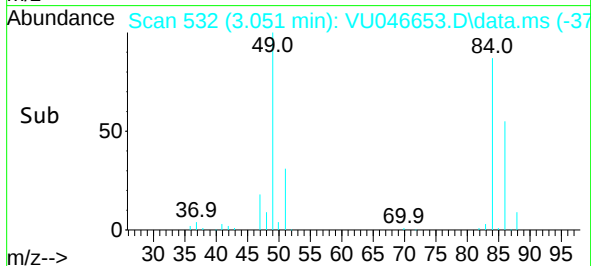
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



Tgt Ion: 84 Resp: 6014
Ion Ratio Lower Upper
84 100
49 114.8 97.2 145.8
51 35.8 0.0 73.4
86 63.2 50.2 75.4

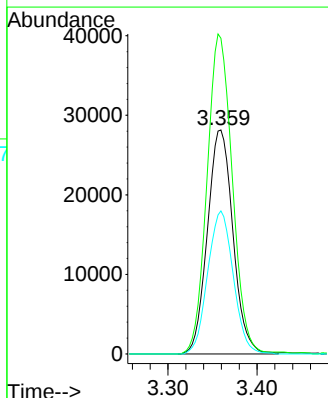
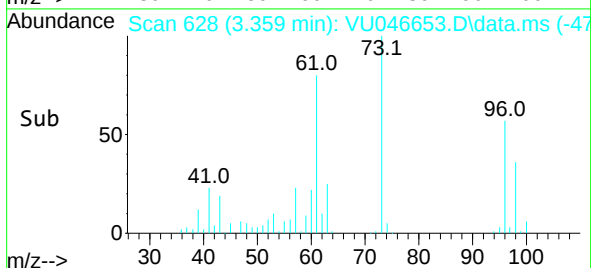
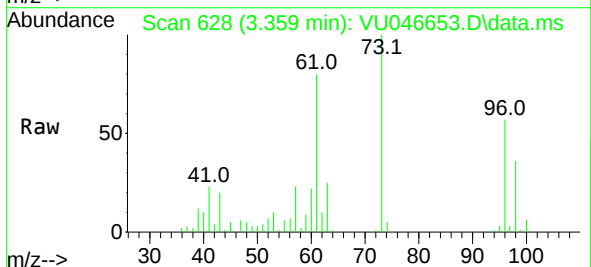
Manual Integrations
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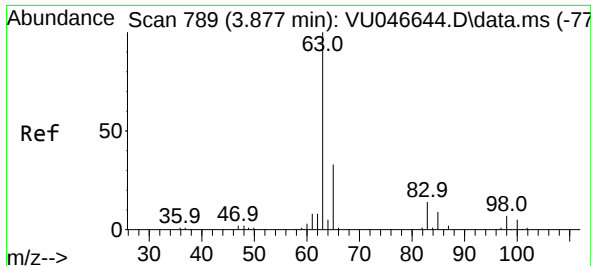
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#16
trans-1,2-Dichloroethene
Concen: 9.755 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

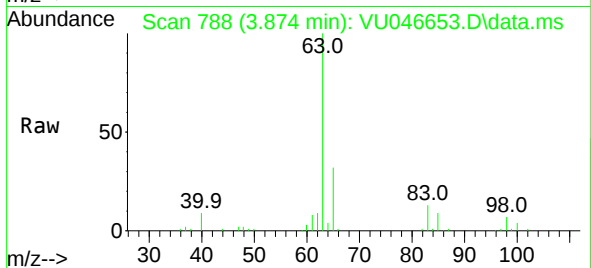
Tgt Ion: 96 Resp: 56134
Ion Ratio Lower Upper
96 100
61 140.9 115.8 173.6
98 63.8 51.1 76.7





#17
1,1-Dichloroethane
Concen: 9.767 ug/l
RT: 3.874 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

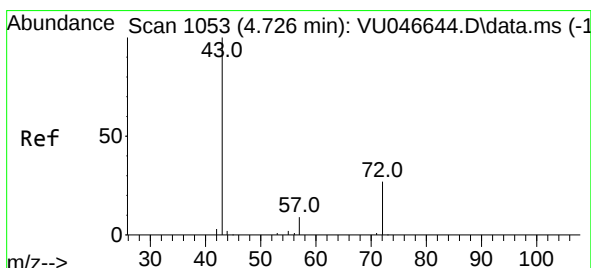
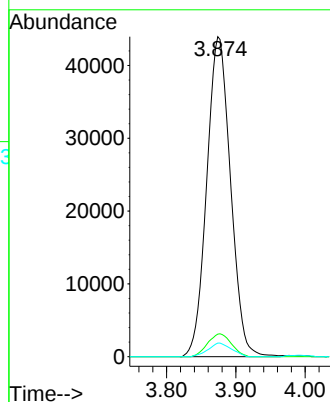
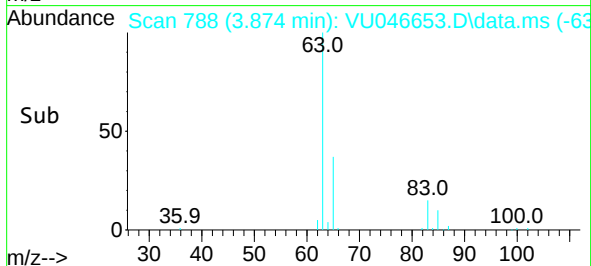
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



Tgt Ion: 63 Resp: 104829
Ion Ratio Lower Upper
63 100
98 7.0 3.6 10.8
100 4.2 2.1 6.5

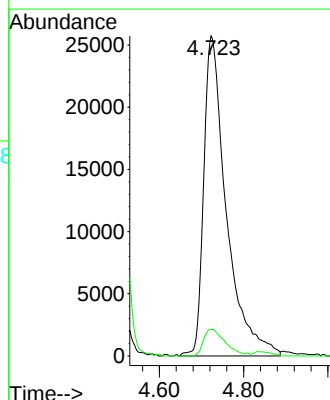
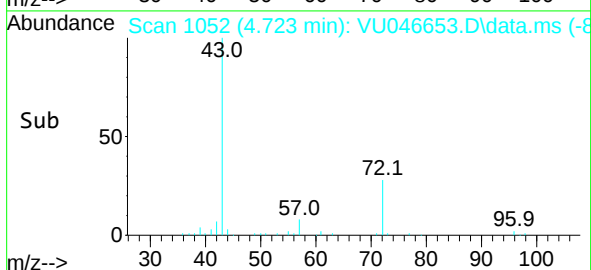
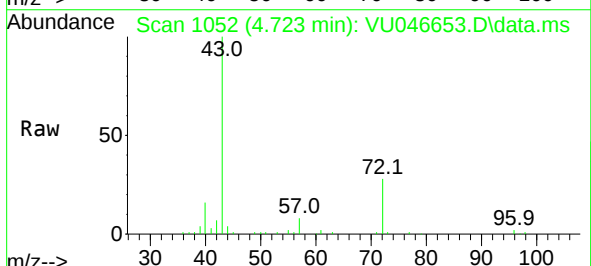
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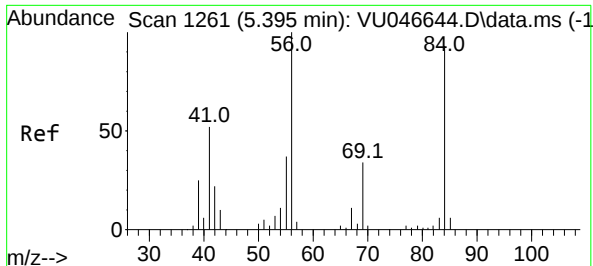
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#18
2-Butanone
Concen: 48.513 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. -0.003 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Tgt Ion: 43 Resp: 95922
Ion Ratio Lower Upper
43 100
57 8.2 0.0 16.6





#19

Cyclohexane

Concen: 10.592 ug/l

RT: 5.391 min Scan# 1261

Delta R.T. -0.004 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

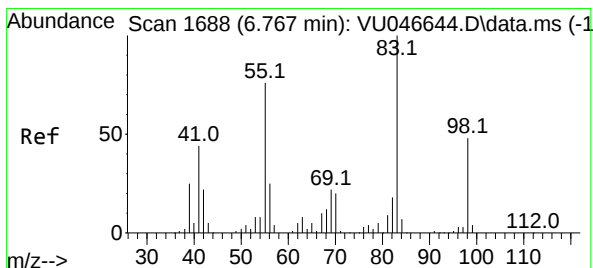
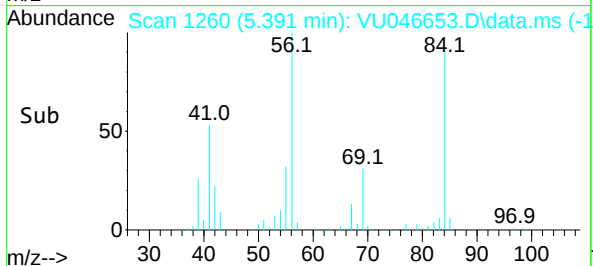
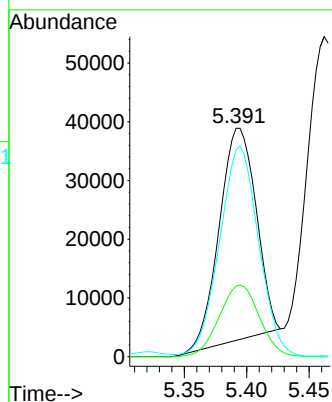
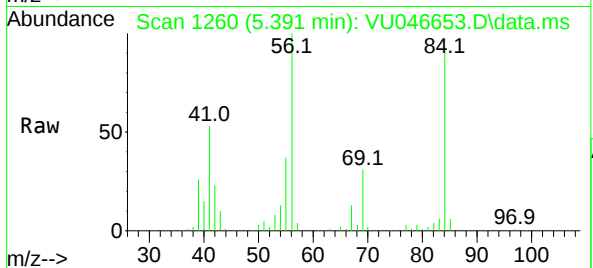
PW-B6-L10-122221MS

Tgt Ion: 56	Resp: 7447
Ion Ratio	Lower Upper
56	100
69	36.7 24.7 37.1
84	103.2 68.8 103.2

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



#20

Methylcyclohexane

Concen: 10.956 ug/l

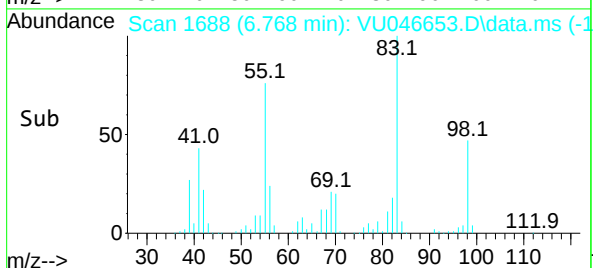
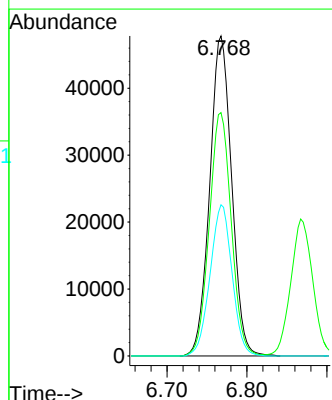
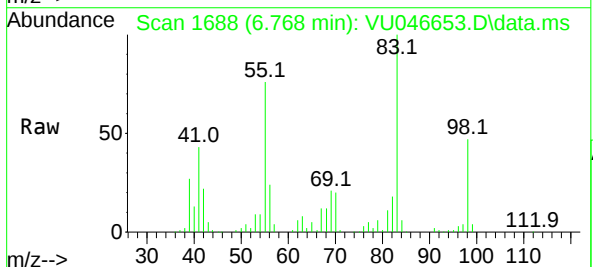
RT: 6.768 min Scan# 1688

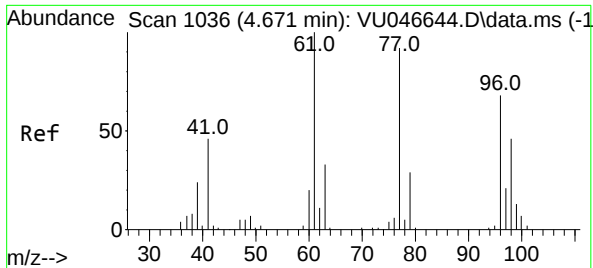
Delta R.T. 0.001 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

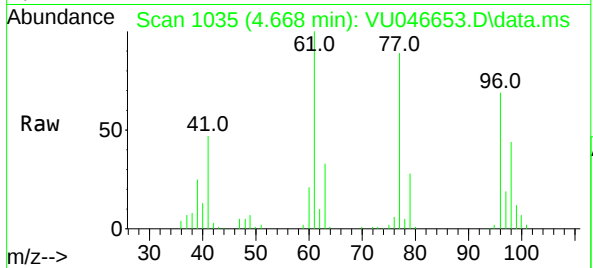
Tgt Ion: 83	Resp: 91008
Ion Ratio	Lower Upper
83	100
55	75.8 61.9 92.9
98	47.4 37.4 56.2





#21
2,2-Dichloropropane
Concen: 9.575 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

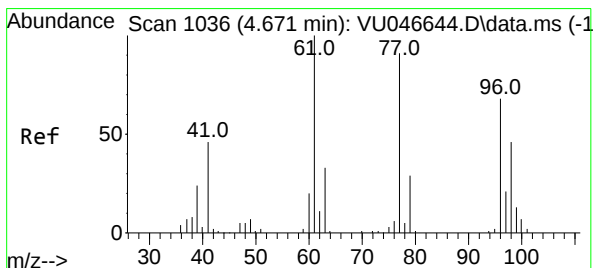
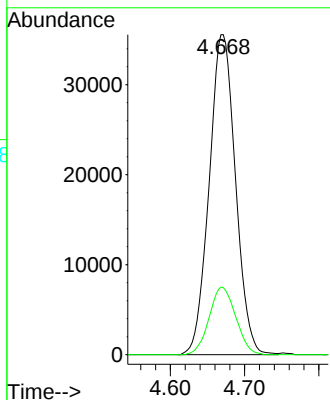
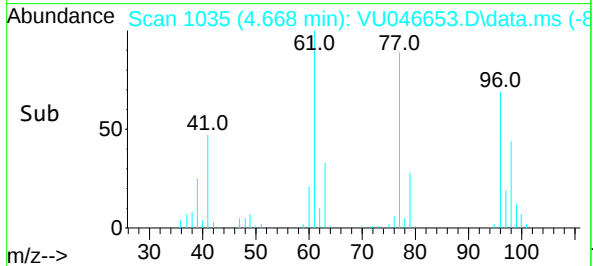
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



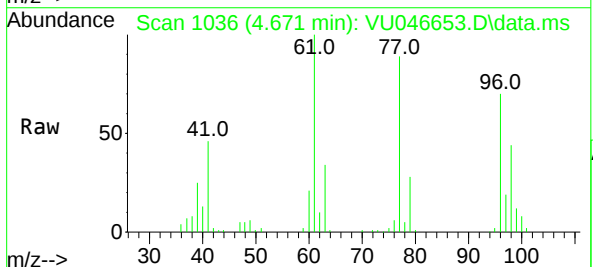
Tgt Ion: 77 Resp: 87619
Ion Ratio Lower Upper
77 100
97 21.3 17.2 25.8

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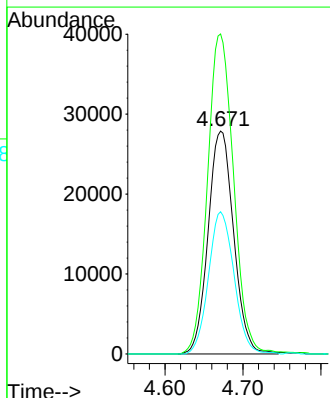
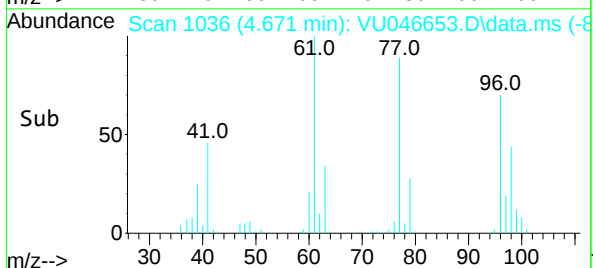
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

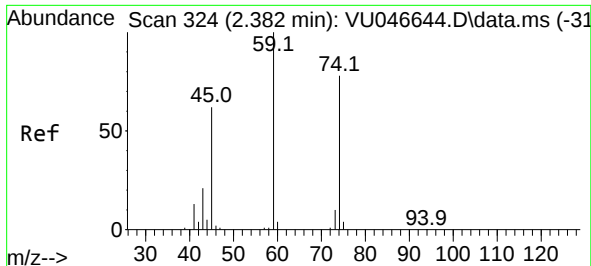


#22
cis-1,2-Dichloroethene
Concen: 10.332 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00



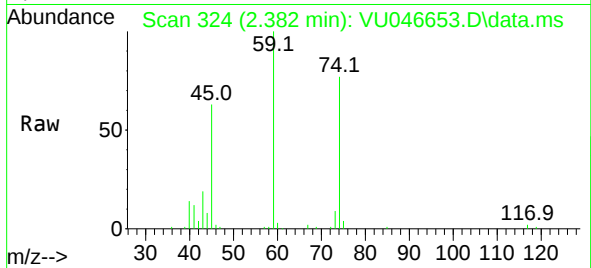
Tgt Ion: 96 Resp: 63625
Ion Ratio Lower Upper
96 100
61 146.7 0.0 385.3
98 63.7 32.1 96.3





#23
Diethyl Ether
Concen: 9.454 ug/l
RT: 2.382 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

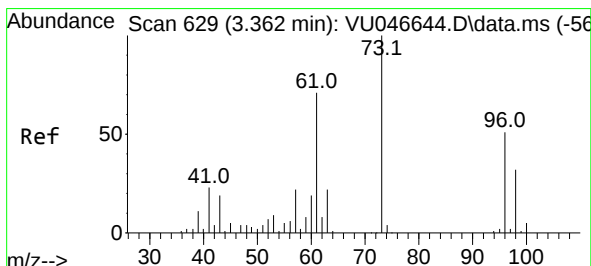
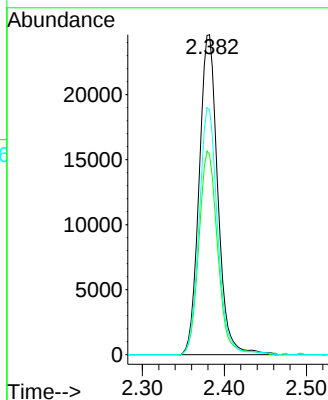
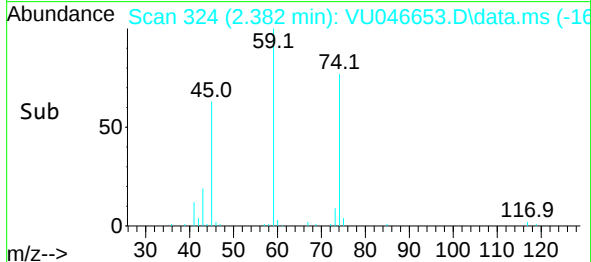
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



Tgt Ion: 59 Resp: 3888
Ion Ratio Lower Upper
59 100
45 64.4 55.6 83.4
74 76.0 58.1 87.1

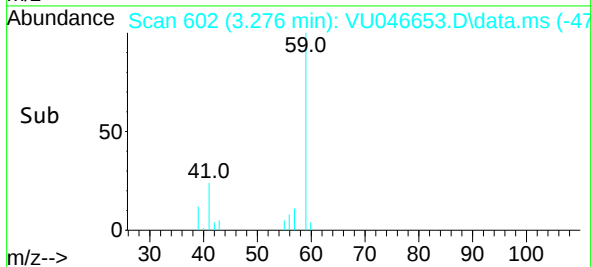
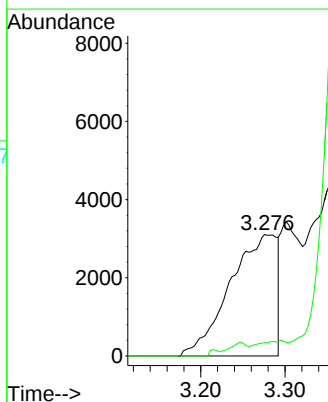
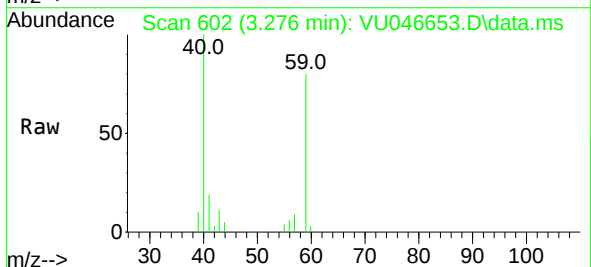
Manual Integrations
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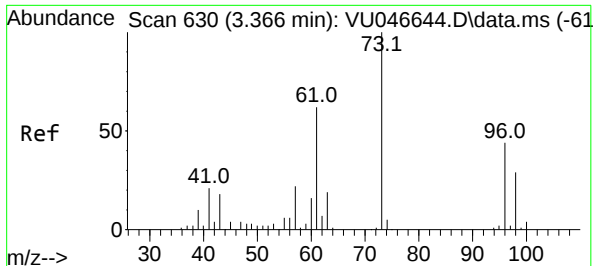
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#24
tert-Butyl Alcohol
Concen: 27.876 ug/l
RT: 3.276 min Scan# 602
Delta R.T. -0.086 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

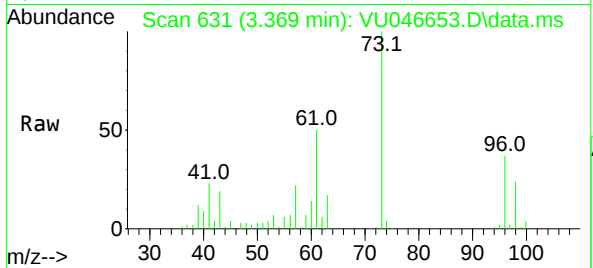
Tgt Ion: 59 Resp: 12019
Ion Ratio Lower Upper
59 100
57 243.1 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 10.229 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

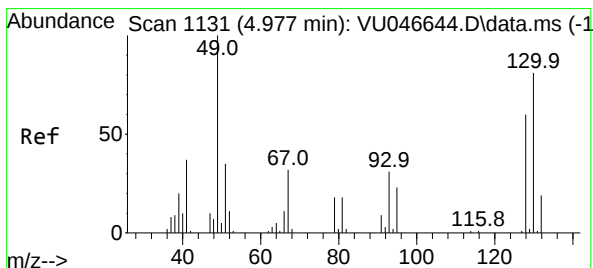
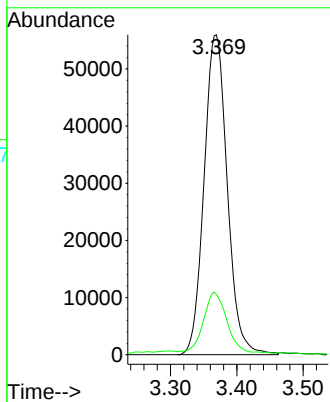
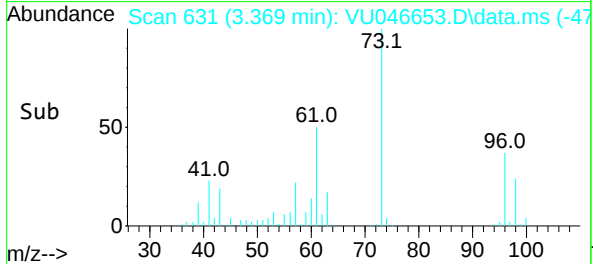
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



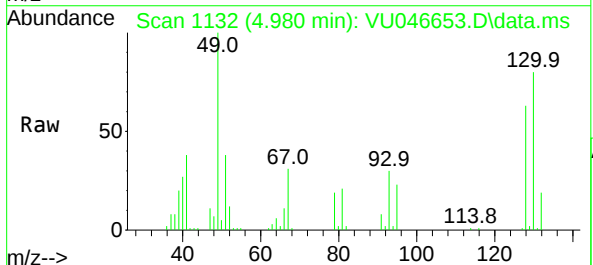
Tgt Ion: 73 Resp: 13618
Ion Ratio Lower Upper
73 100
43 18.2 16.3 24.5

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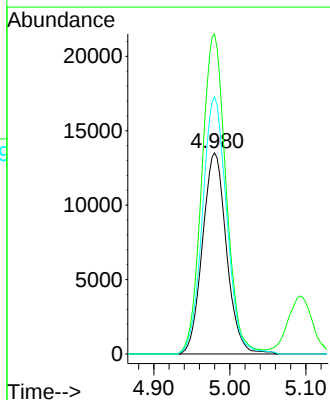
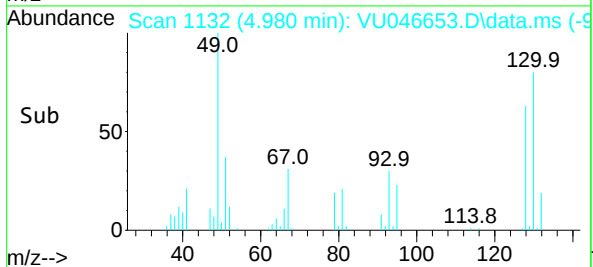
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

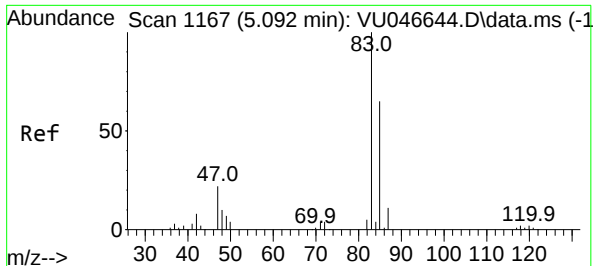


#26
Bromochloromethane
Concen: 9.719 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00



Tgt Ion:128 Resp: 29615
Ion Ratio Lower Upper
128 100
49 160.4 0.0 347.4
130 129.4 101.5 152.3





#27

Chloroform

Concen: 9.453 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MS

Tgt Ion: 83 Resp: 11259

Ion Ratio Lower Upper

83 100

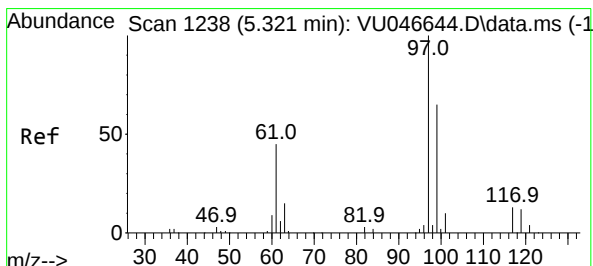
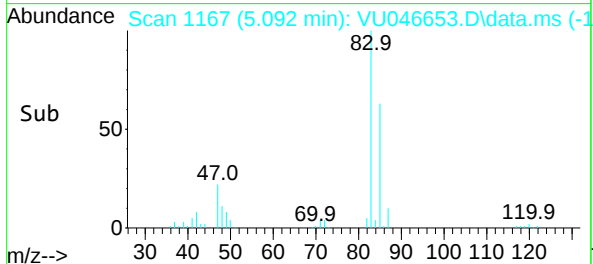
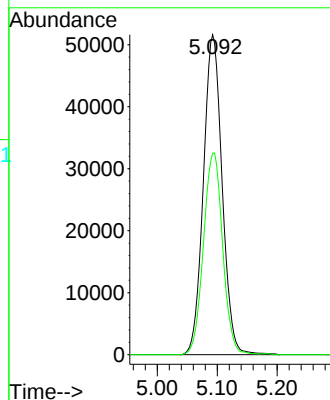
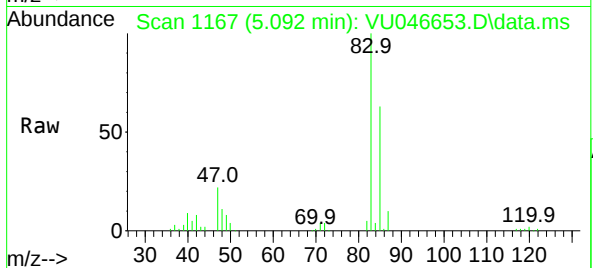
85 62.9 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#28

1,1,1-Trichloroethane

Concen: 9.695 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

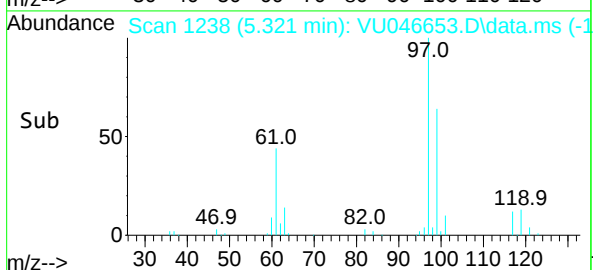
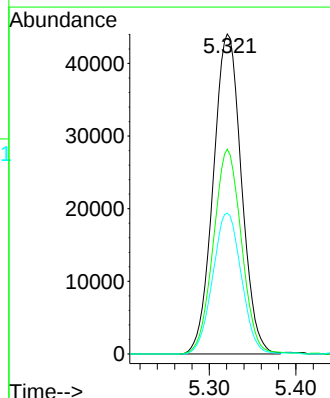
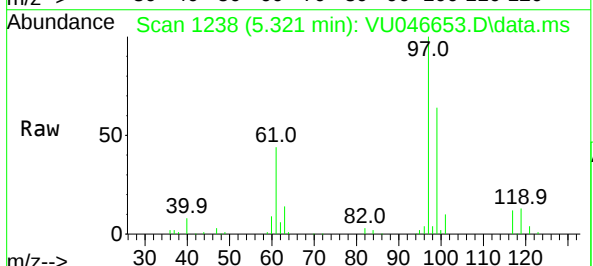
Tgt Ion: 97 Resp: 99641

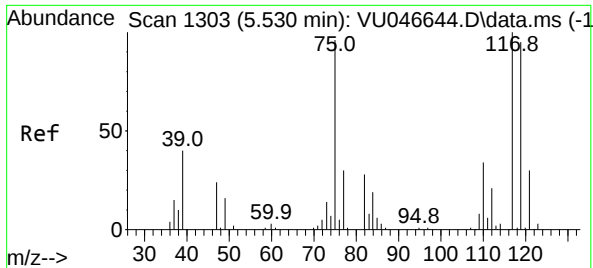
Ion Ratio Lower Upper

97 100

99 63.7 32.2 96.6

61 44.6 24.5 73.5





#29

1,1-Dichloropropene

Concen: 10.481 ug/l

RT: 5.530 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MS

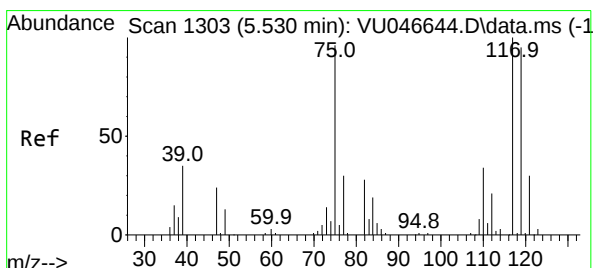
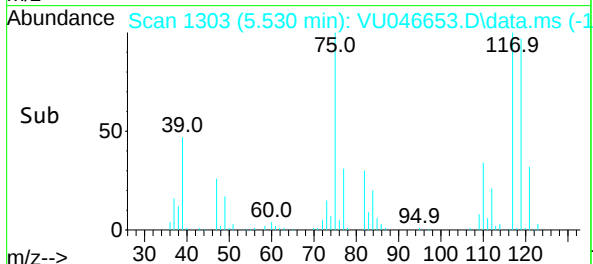
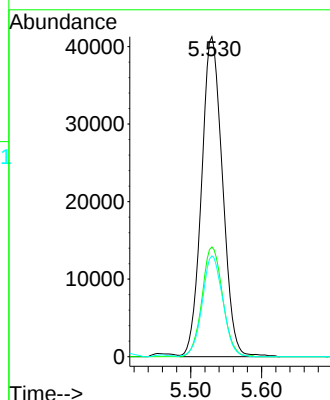
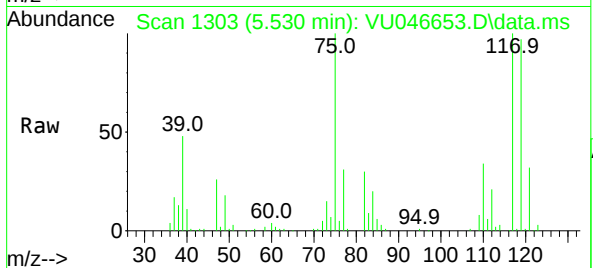
Tgt Ion: 75 Resp: 84774

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.8	50.3
77	31.0	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: 9.676 ug/l

RT: 5.530 min Scan# 1303

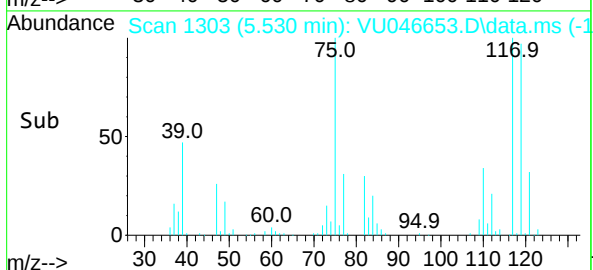
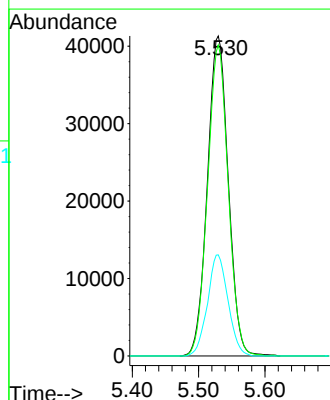
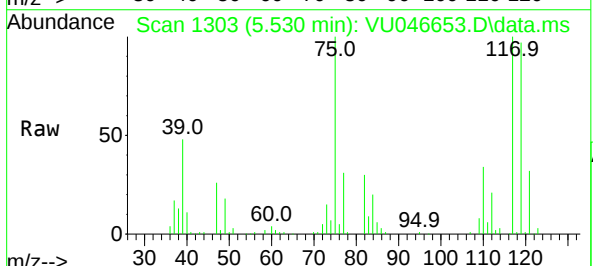
Delta R.T. -0.000 min

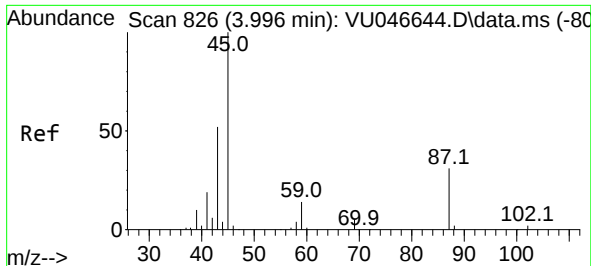
Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Tgt Ion:117 Resp: 90726

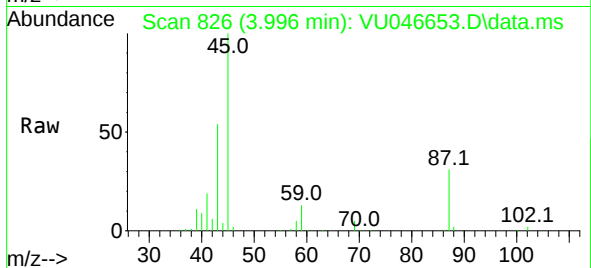
Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.8	115.2
121	31.6	24.6	37.0





#31
Isopropyl Ether
Concen: 10.330 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

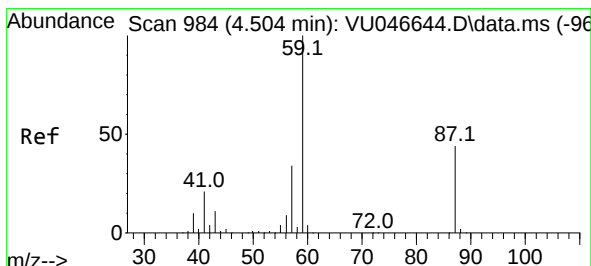
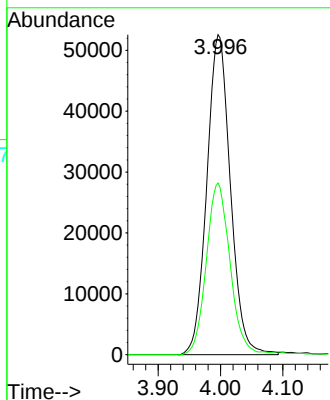
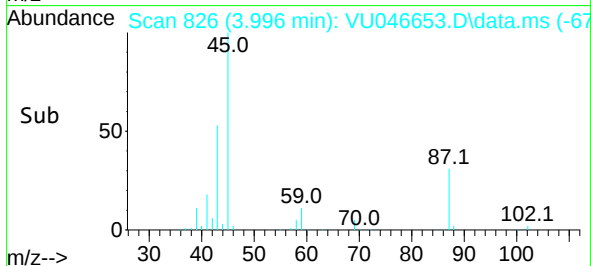
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



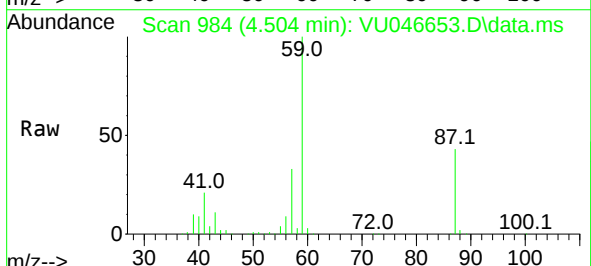
Tgt Ion: 45 Resp: 138052
Ion Ratio Lower Upper
45 100
43 53.7 25.3 75.8

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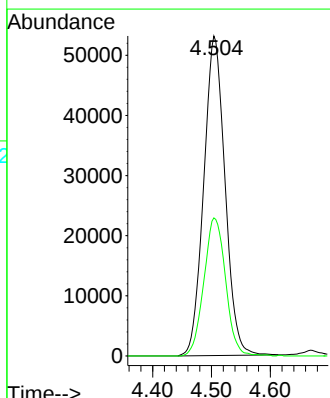
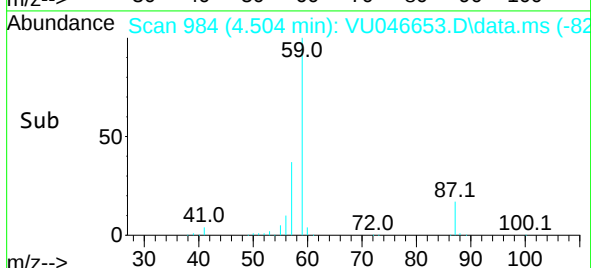
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

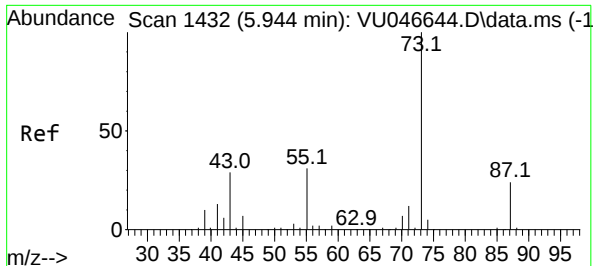


#32
Ethyl-t-butyl ether
Concen: 10.111 ug/l
RT: 4.504 min Scan# 984
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00



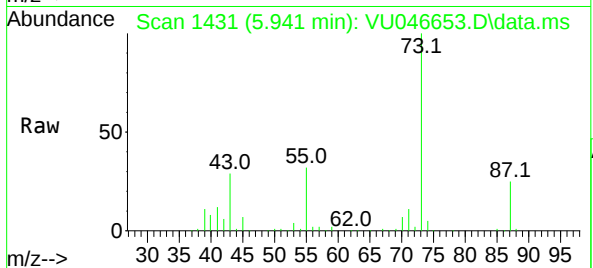
Tgt Ion: 59 Resp: 133566
Ion Ratio Lower Upper
59 100
87 43.6 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 10.446 ug/l
RT: 5.941 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

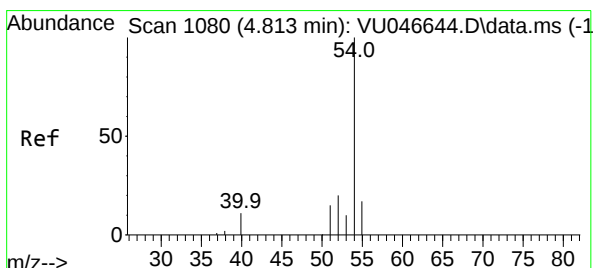
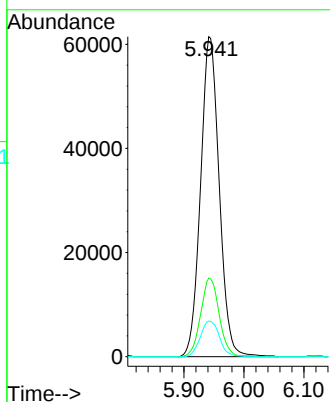
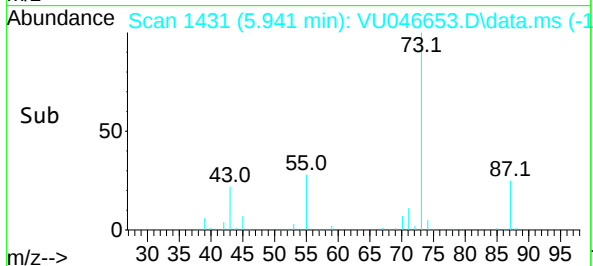
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



Tgt Ion: 73 Resp: 132979
Ion Ratio Lower Upper
73 100
87 24.5 18.6 28.0
71 11.4 9.0 13.6

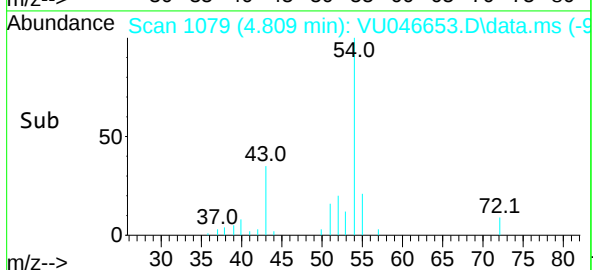
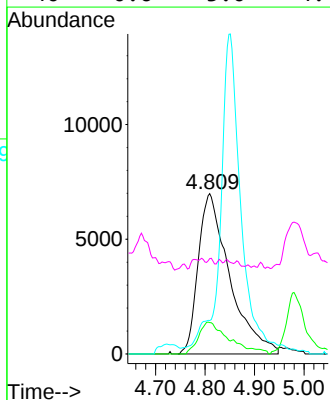
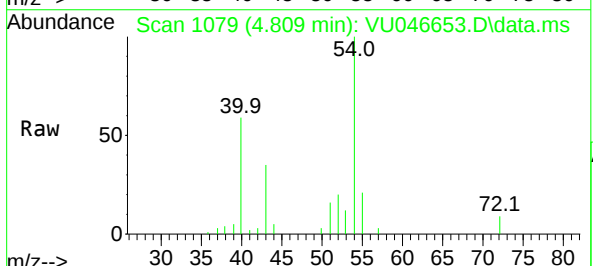
Manual Integrations
APPROVED

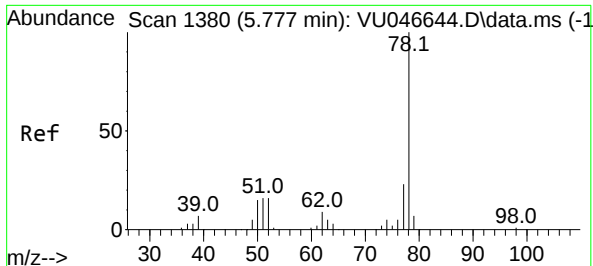
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#34
Propionitrile
Concen: 52.732 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. -0.004 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Tgt Ion: 54 Resp: 30896
Ion Ratio Lower Upper
54 100
52 14.9 11.9 17.9
55 120.2 8.0 12.0#
40 0.6 3.0 4.4#





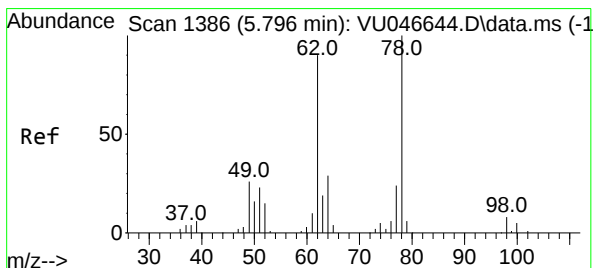
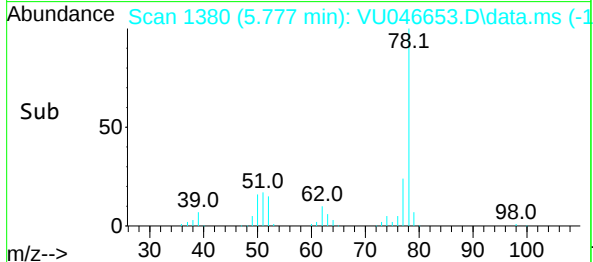
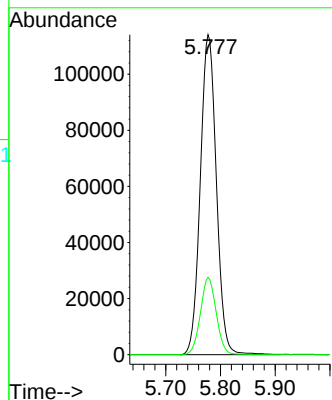
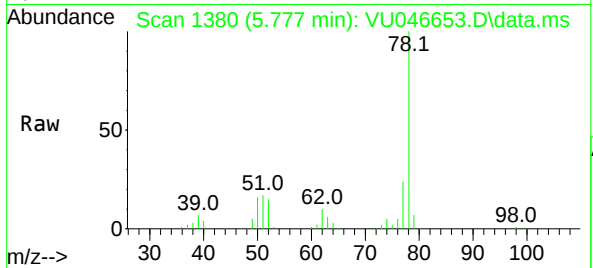
#35
Benzene
Concen: 10.063 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS

Tgt Ion: 78 Resp: 232549
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

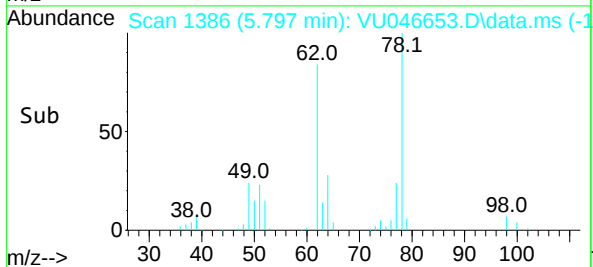
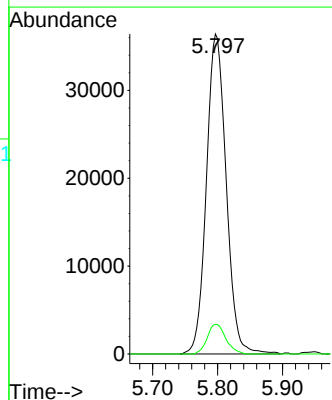
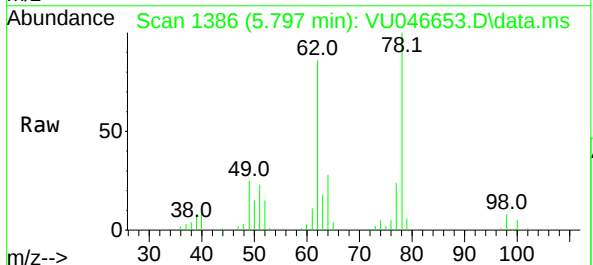
Manual Integrations
APPROVED

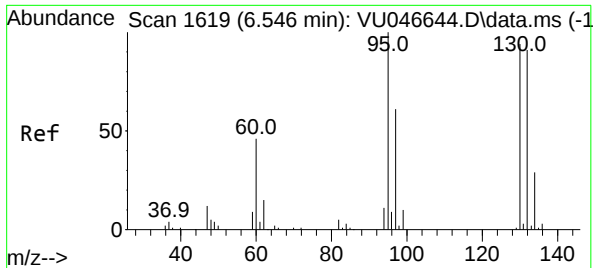
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#36
1,2-Dichloroethane
Concen: 9.729 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.001 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

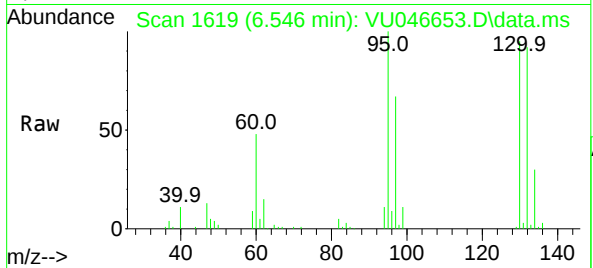
Tgt Ion: 62 Resp: 77098
Ion Ratio Lower Upper
62 100
98 8.7 7.3 10.9





#37
Trichloroethene
Concen: 10.152 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

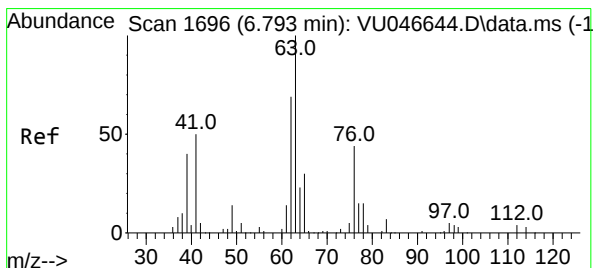
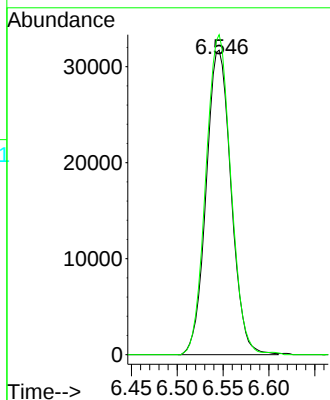
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



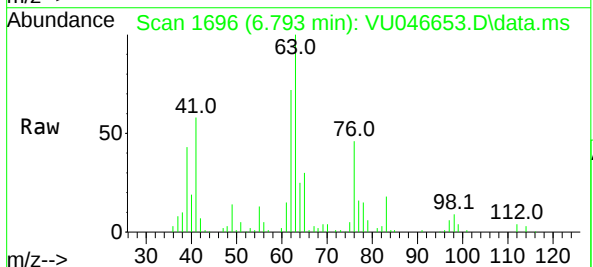
Tgt Ion:130 Resp: 5994
Ion Ratio Lower Upper
130 100
95 105.1 83.8 125.8

Manual Integrations
APPROVED

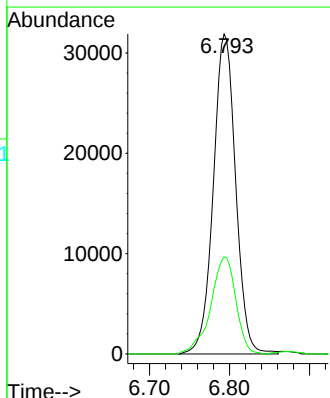
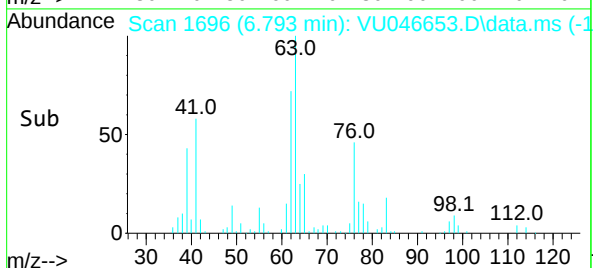
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

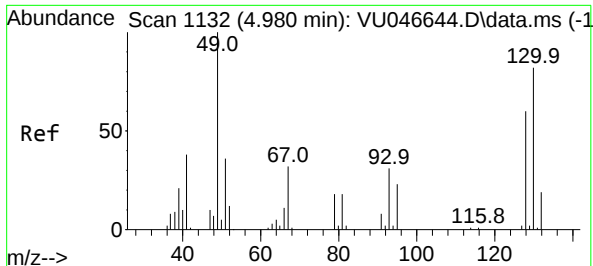


#38
1,2-Dichloropropane
Concen: 10.097 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00



Tgt Ion: 63 Resp: 61772
Ion Ratio Lower Upper
63 100
65 30.4 24.7 37.1





#39

Methacrylonitrile

Concen: 10.210 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

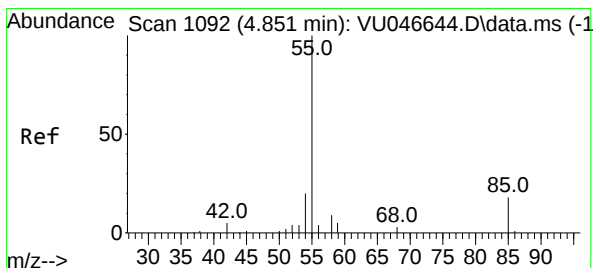
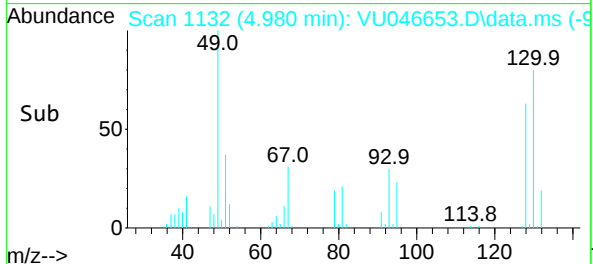
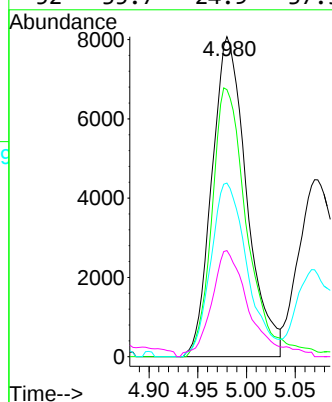
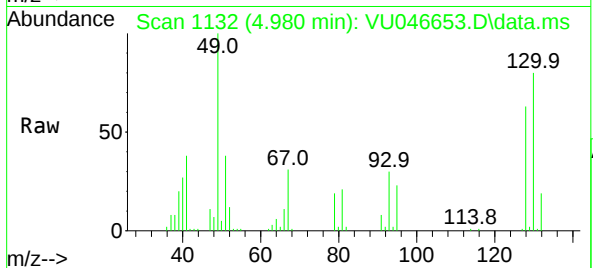
PW-B6-L10-122221MS

Tgt Ion: 41	Resp: 2003
Ion Ratio	Lower Upper
41 100	
67 85.0	65.2 97.8
39 57.1	43.0 64.6
52 35.7	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: 10.797 ug/l

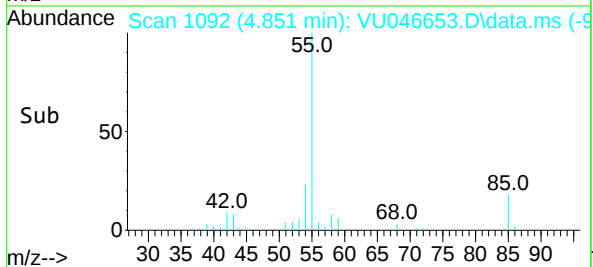
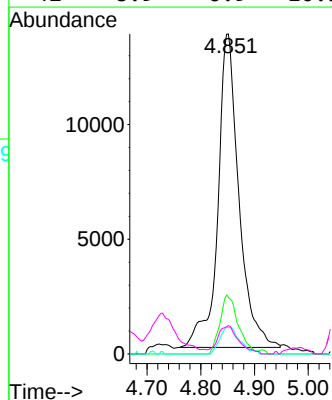
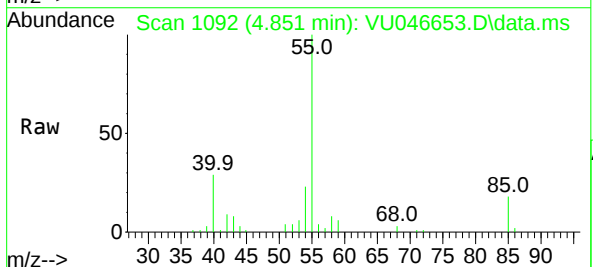
RT: 4.851 min Scan# 1092

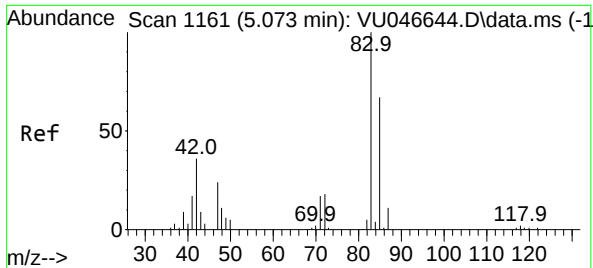
Delta R.T. 0.000 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Tgt Ion: 55	Resp: 37147
Ion Ratio	Lower Upper
55 100	
85 16.3	12.2 18.2
58 8.0	6.7 10.1
42 8.9	6.9 10.3





#41

Tetrahydrofuran

Concen: 22.538 ug/l

RT: 5.070 min Scan# 1161

Delta R.T. -0.003 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

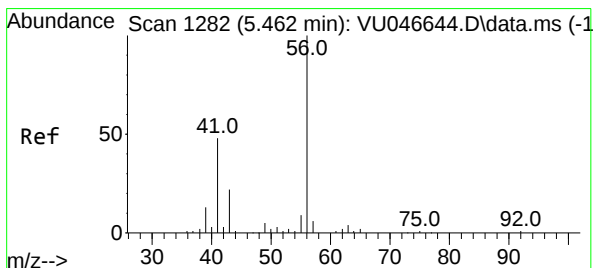
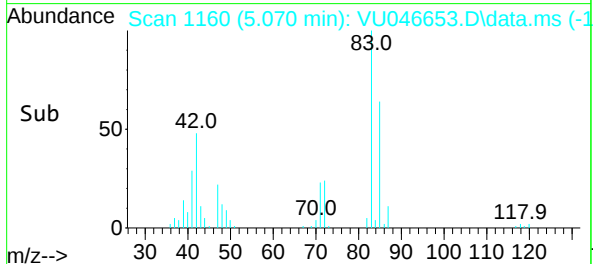
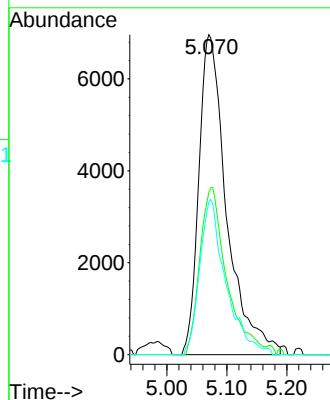
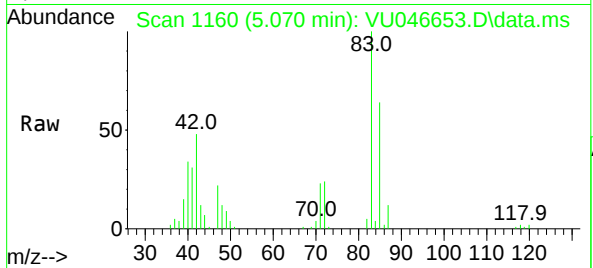
PW-B6-L10-122221MS

Tgt Ion:	42	Resp:	2245
Ion Ratio	Lower	Upper	
42	100		
72	50.5	42.4	63.6
71	45.7	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: 10.626 ug/l

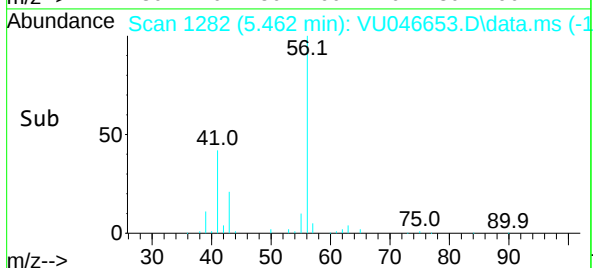
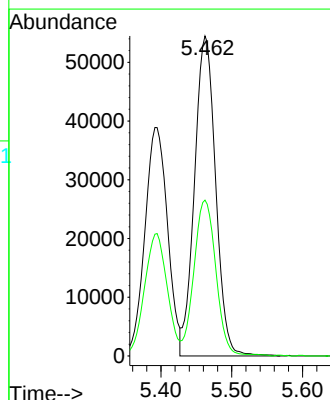
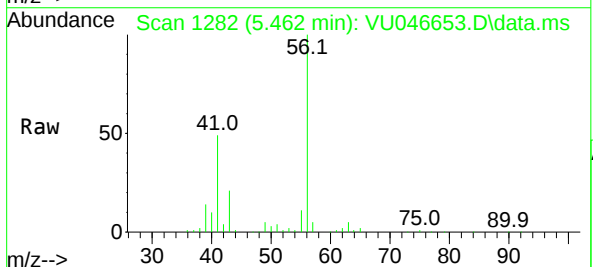
RT: 5.462 min Scan# 1282

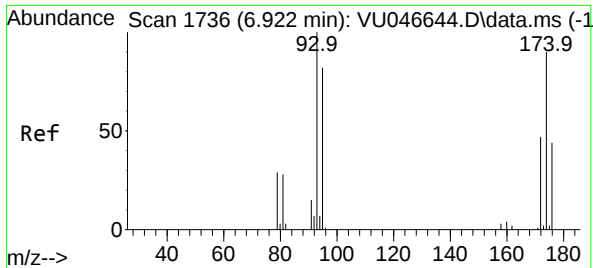
Delta R.T. 0.000 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

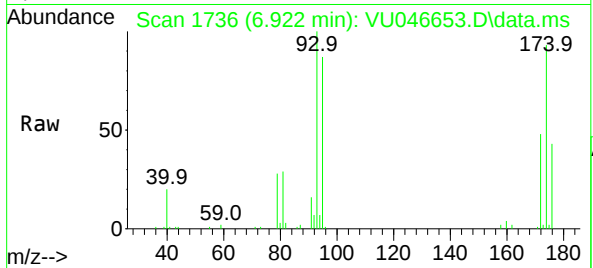
Tgt Ion:	56	Resp:	112891
Ion Ratio	Lower	Upper	
56	100		
41	49.5	26.0	78.0





#43
Dibromomethane
Concen: 9.867 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

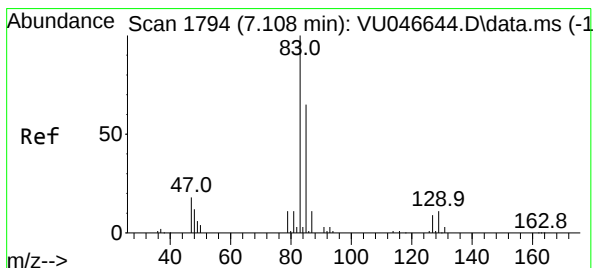
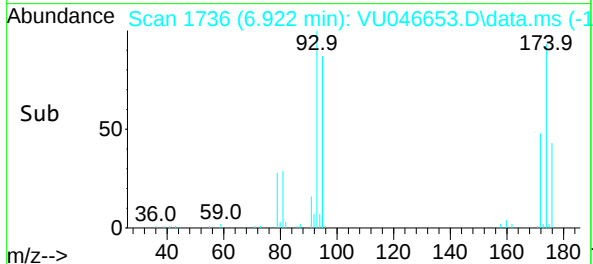
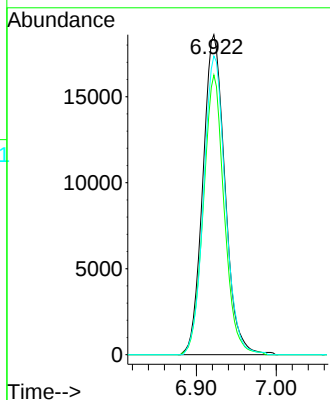
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



Tgt Ion: 93 Resp: 35729
Ion Ratio Lower Upper
93 100
95 82.4 66.2 99.2
174 91.8 70.7 106.1

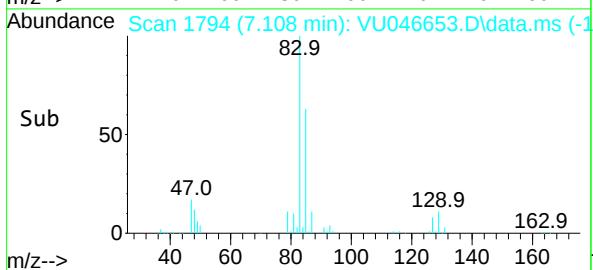
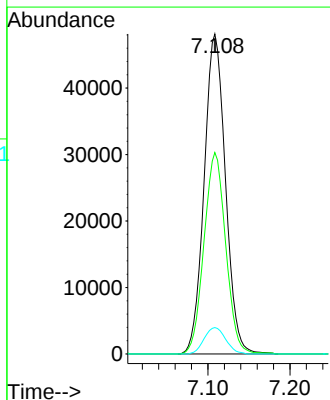
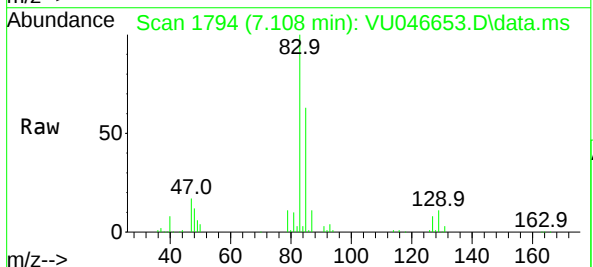
Manual Integrations
APPROVED

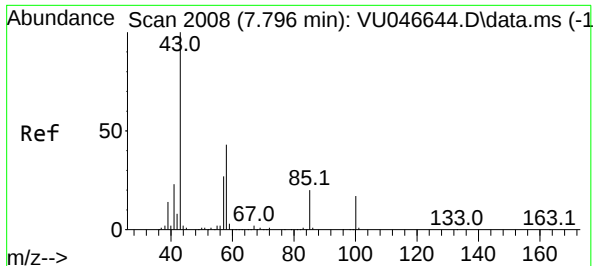
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#44
Bromodichloromethane
Concen: 9.661 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Tgt Ion: 83 Resp: 87074
Ion Ratio Lower Upper
83 100
85 63.0 50.9 76.3
127 8.2 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 53.959 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

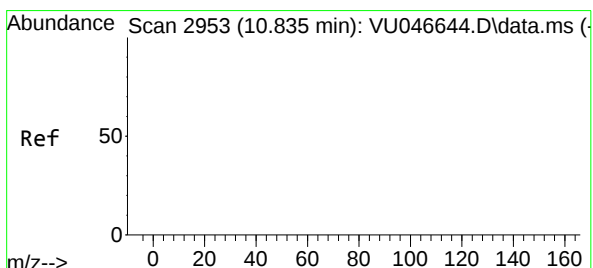
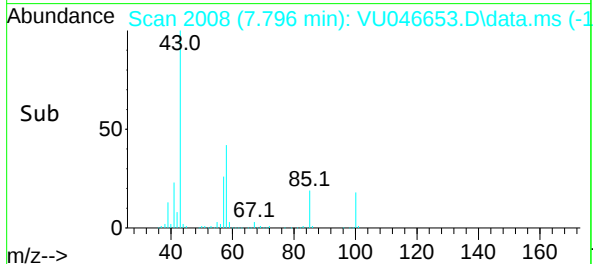
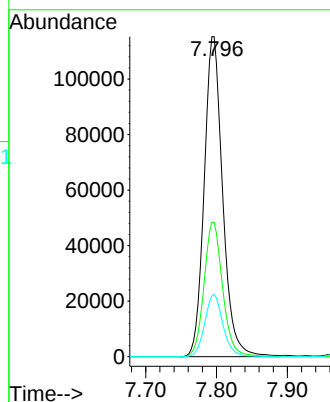
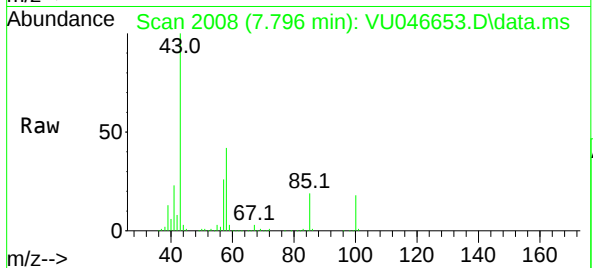
PW-B6-L10-122221MS

Tgt Ion: 43	Resp: 20896
Ion Ratio	Lower Upper
43 100	
58 42.2	21.0 63.0
85 19.2	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: 19.474 ug/l m

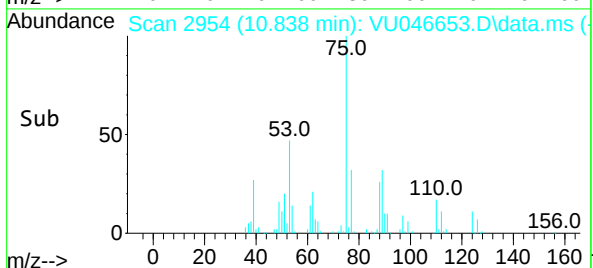
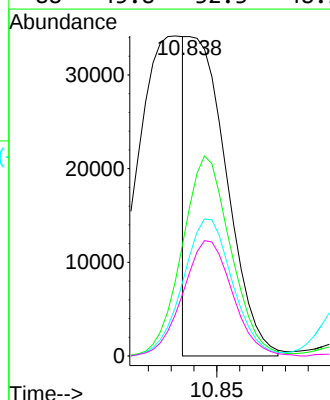
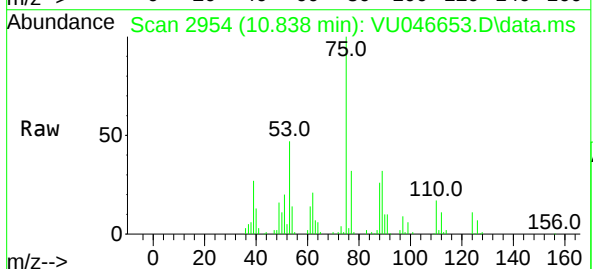
RT: 10.838 min Scan# 2954

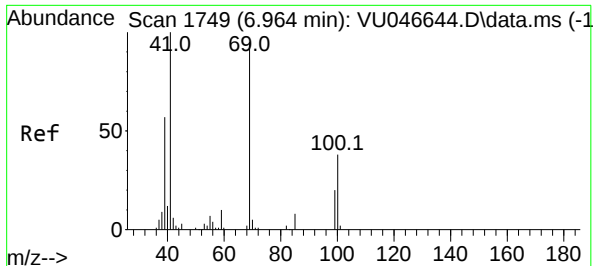
Delta R.T. 0.003 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Tgt Ion: 75	Resp: 40645
Ion Ratio	Lower Upper
75 100	
53 77.9	66.8 100.2
89 54.6	41.7 62.5
88 45.8	32.3 48.5





#47

Methyl methacrylate

Concen: 21.902 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU046653.D

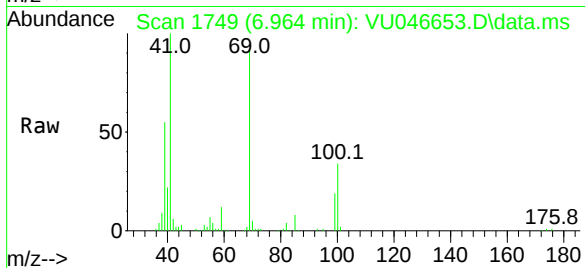
Acq: 30 Dec 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MS



Tgt Ion: 69 Resp: 64510

Ion Ratio Lower Upper

69 100

41 104.1 0.0 230.0

39 60.3 55.1 82.7

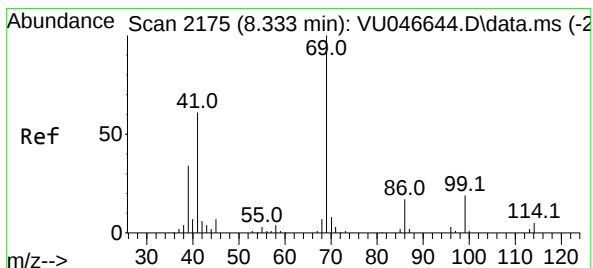
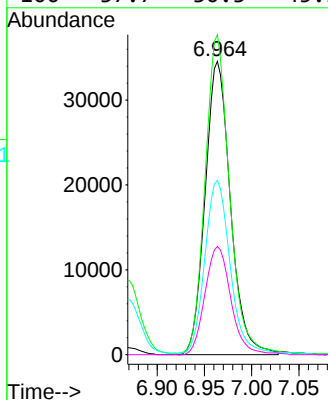
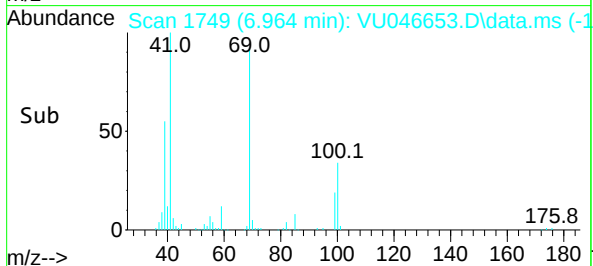
100 37.7 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#48

Ethyl methacrylate

Concen: 10.790 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.004 min

Lab File: VU046653.D

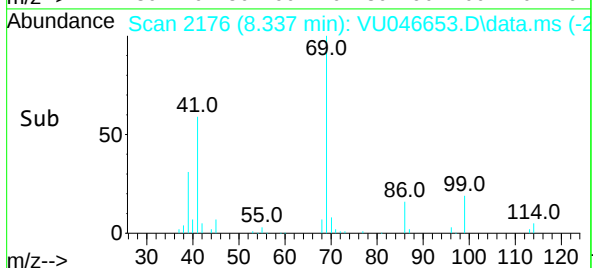
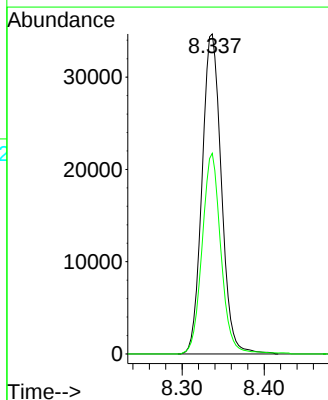
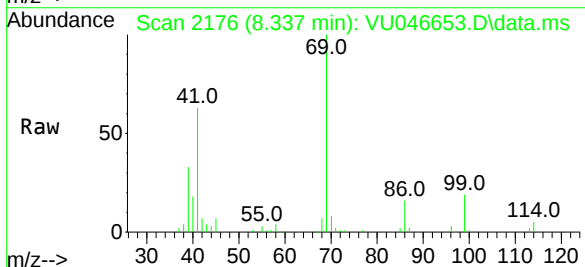
Acq: 30 Dec 2021 17:00

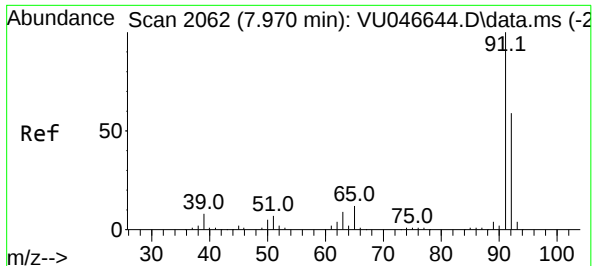
Tgt Ion: 69 Resp: 56649

Ion Ratio Lower Upper

69 100

41 61.2 32.6 98.0





#49

Toluene

Concen: 10.862 ug/l

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MS

Tgt Ion: 92 Resp: 146870

Ion Ratio Lower Upper

92 100

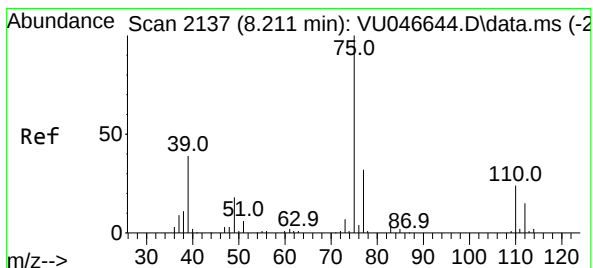
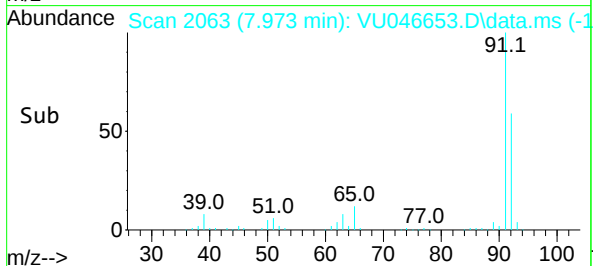
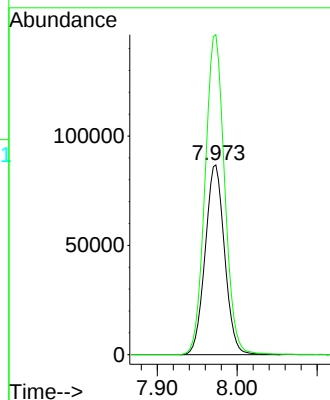
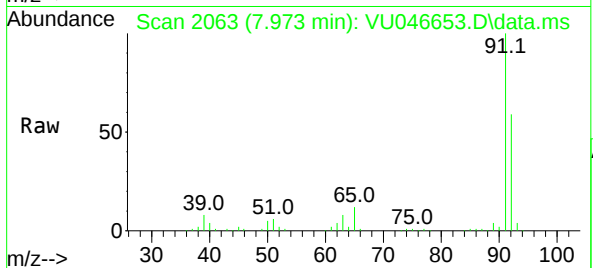
91 170.0 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#50

t-1,3-Dichloropropene

Concen: 10.148 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU046653.D

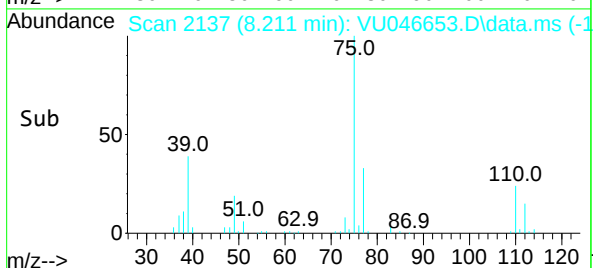
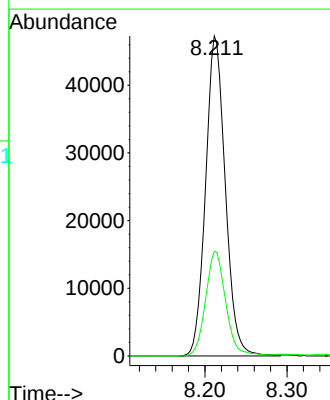
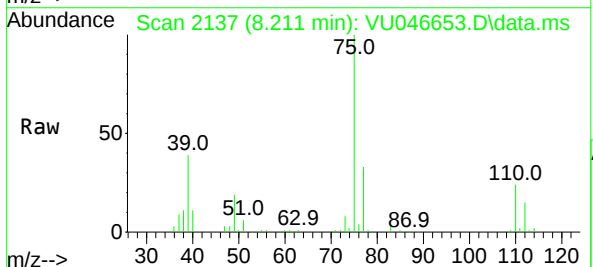
Acq: 30 Dec 2021 17:00

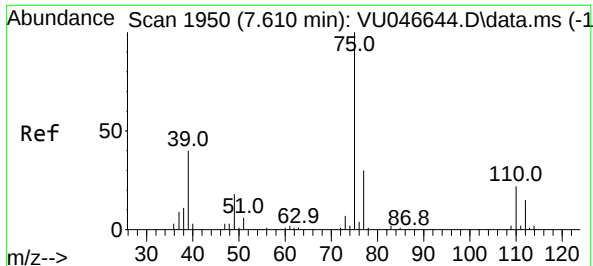
Tgt Ion: 75 Resp: 78781

Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4





#51

cis-1,3-Dichloropropene

Concen: 10.089 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MS

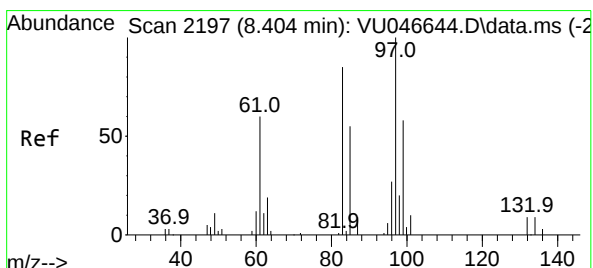
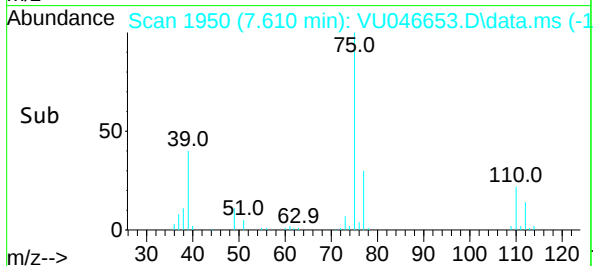
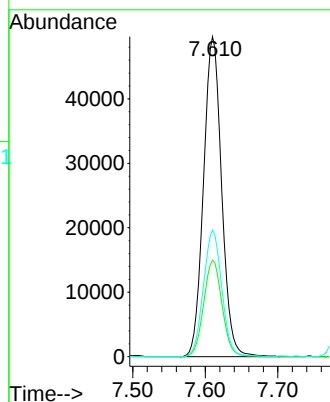
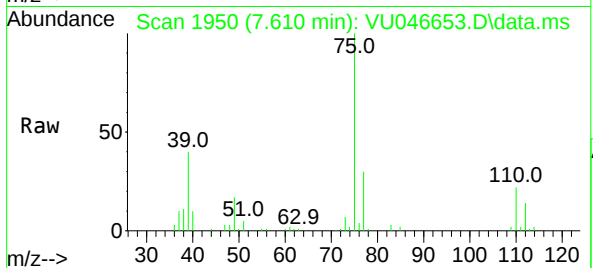
Tgt Ion: 75 Resp: 86240

Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.2	37.8
39	39.6	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: 9.686 ug/l

RT: 8.404 min Scan# 2197

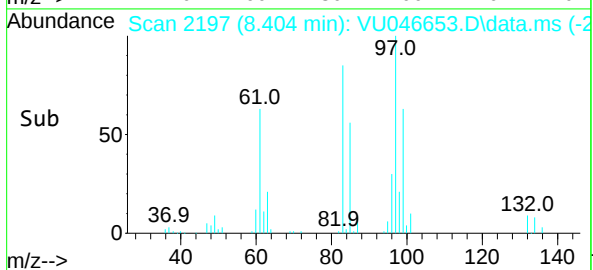
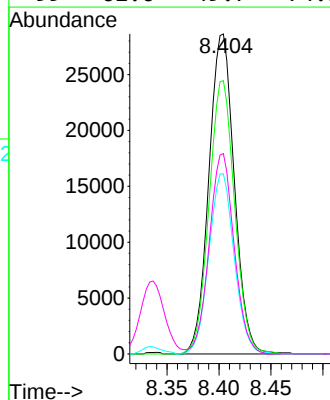
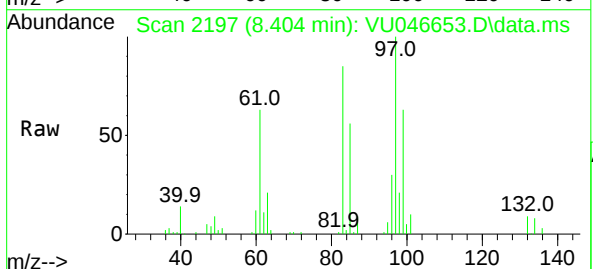
Delta R.T. 0.000 min

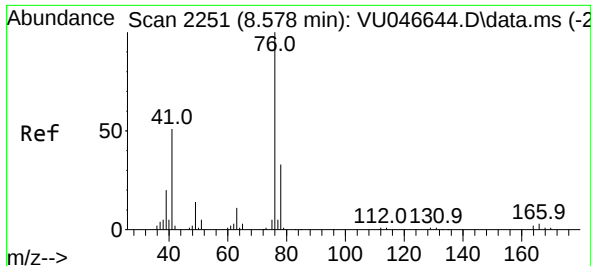
Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Tgt Ion: 97 Resp: 48769

Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.8	104.8
85	56.3	44.2	66.4
99	62.6	49.7	74.5





#53

1,3-Dichloropropane

Concen: 9.980 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. -0.000 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MS

Tgt Ion: 76 Resp: 85819

Ion Ratio Lower Upper

76 100

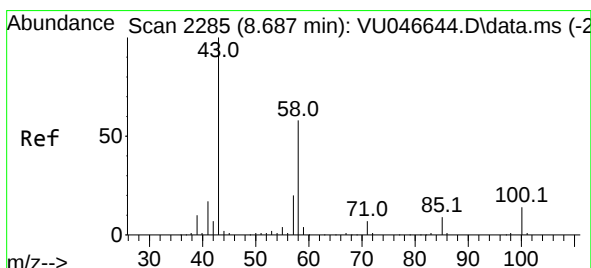
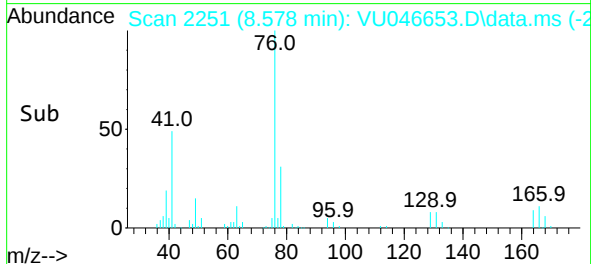
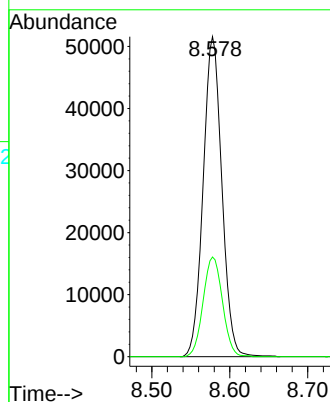
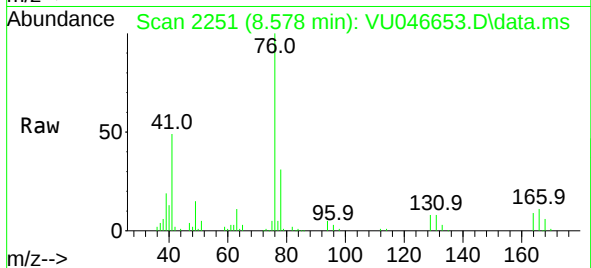
78 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#54

2-Hexanone

Concen: 53.580 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

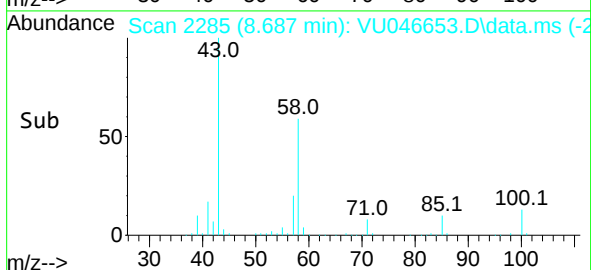
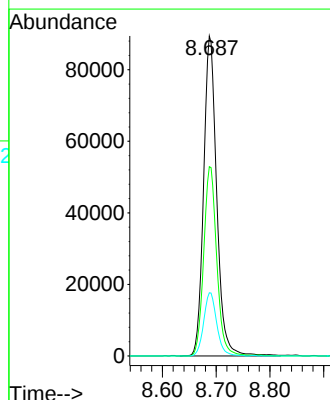
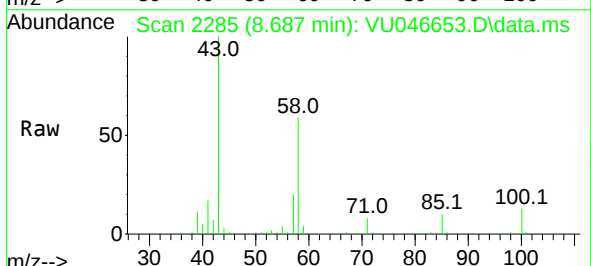
Tgt Ion: 43 Resp: 151624

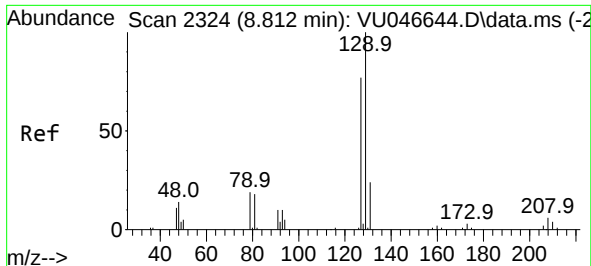
Ion Ratio Lower Upper

43 100

58 58.7 37.7 77.7

57 19.7 0.5 40.5





#55

Dibromochloromethane

Concen: 9.683 ug/l

RT: 8.813 min Scan# 21

Delta R.T. 0.001 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MS

Tgt Ion:129 Resp: 60974

Ion Ratio Lower Upper

129 100

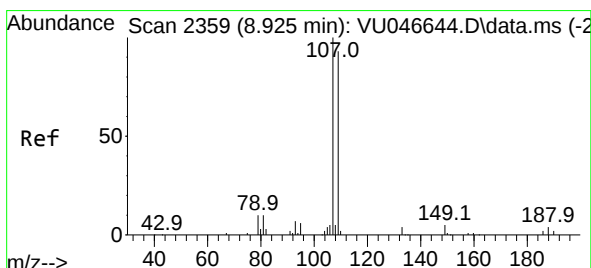
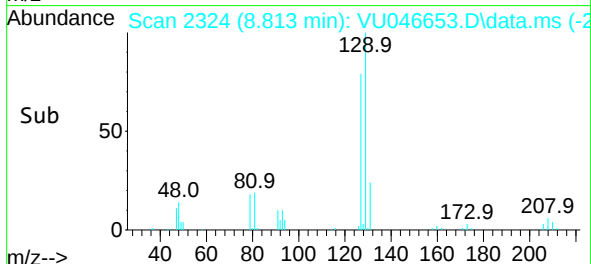
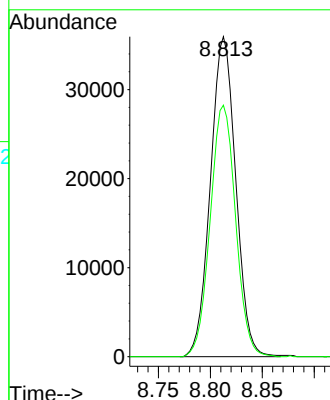
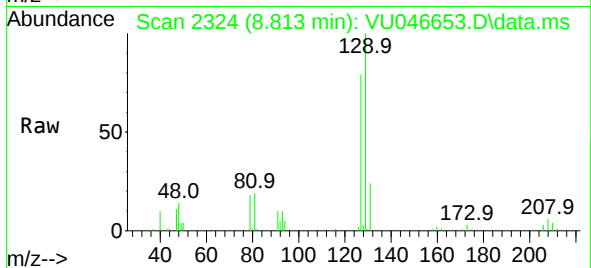
127 78.7 62.2 93.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#56

1,2-Dibromoethane

Concen: 9.766 ug/l

RT: 8.925 min Scan# 2359

Delta R.T. 0.000 min

Lab File: VU046653.D

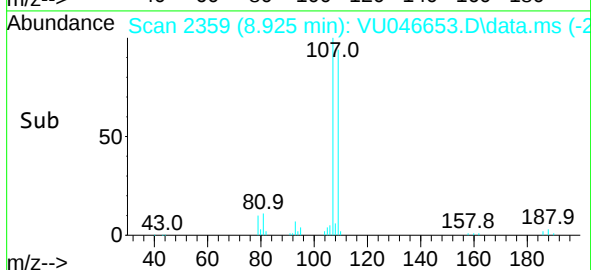
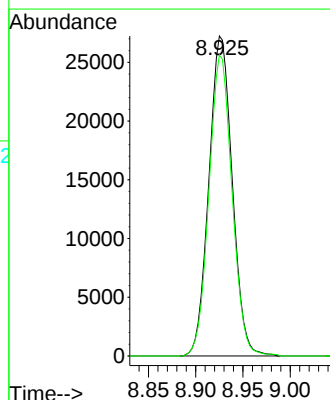
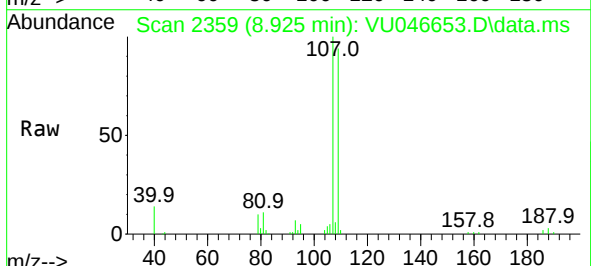
Acq: 30 Dec 2021 17:00

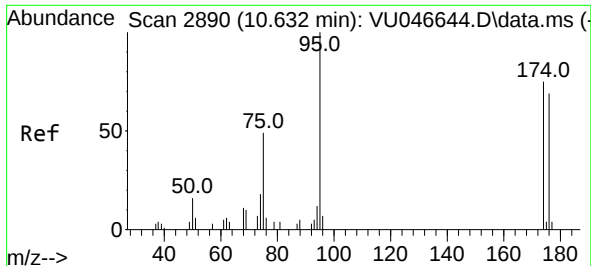
Tgt Ion:107 Resp: 46834

Ion Ratio Lower Upper

107 100

109 93.0 0.0 185.0





#57

4-Bromofluorobenzene

Concen: 0.980 ug/l

RT: 10.636 min Scan# 2890

Delta R.T. 0.004 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MS

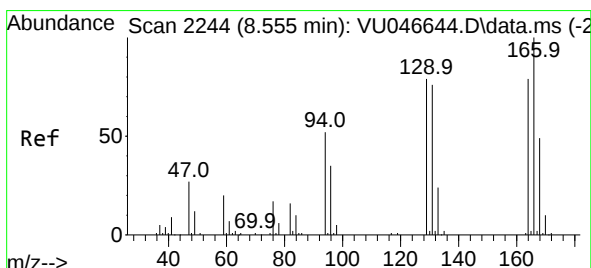
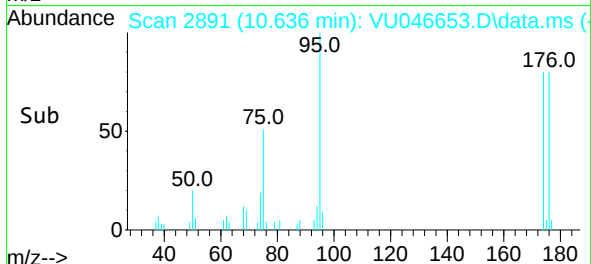
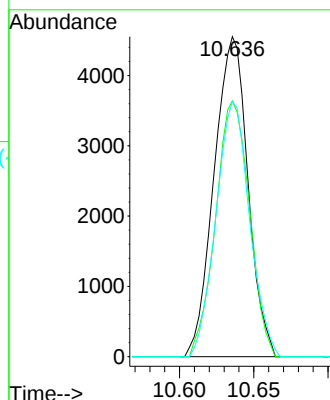
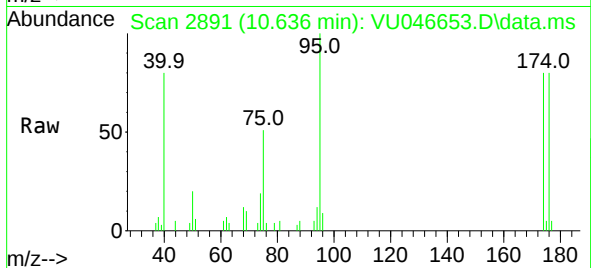
Tgt Ion: 95 Resp: 720

Ion	Ratio	Lower	Upper
95	100		
174	80.0	56.6	84.8
176	79.4	54.3	81.5

Manual Integrations

APPROVED

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



#58

Tetrachloroethene

Concen: 10.708 ug/l

RT: 8.555 min Scan# 2244

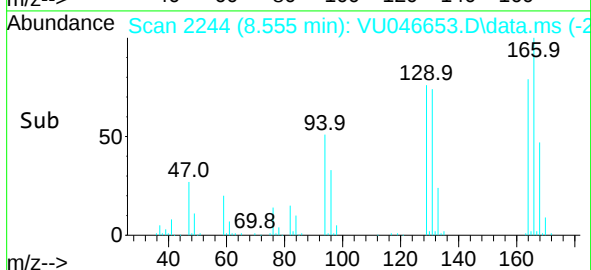
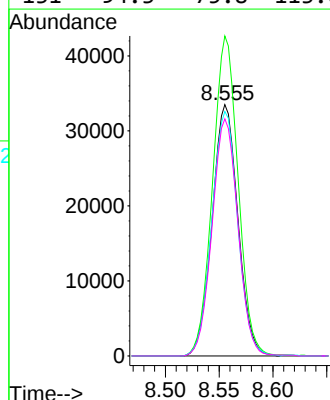
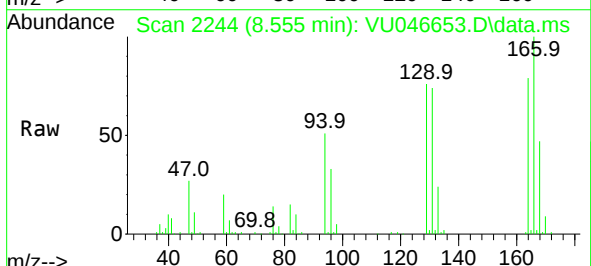
Delta R.T. 0.000 min

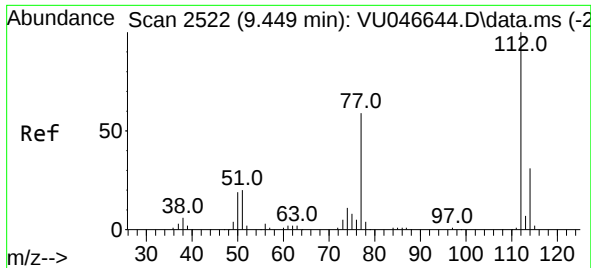
Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Tgt Ion:164 Resp: 55888

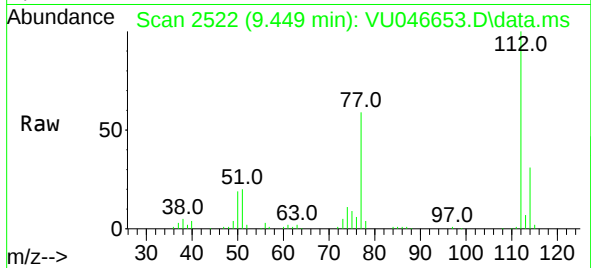
Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.0	153.0
129	97.3	77.1	115.7
131	94.3	75.8	113.6





#59
Chlorobenzene
Concen: 10.235 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

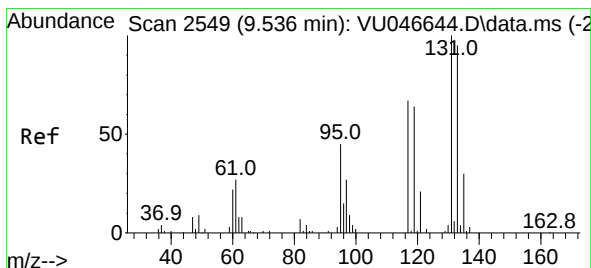
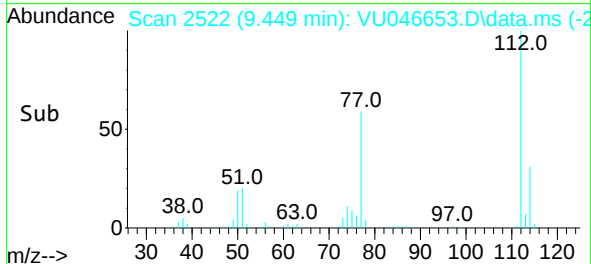
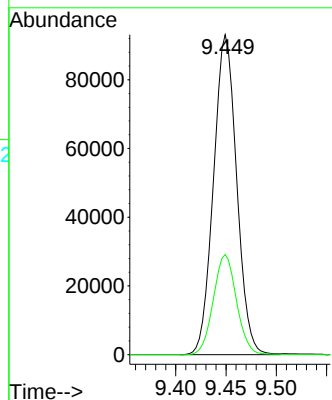
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



Tgt Ion:112 Resp: 149369
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0

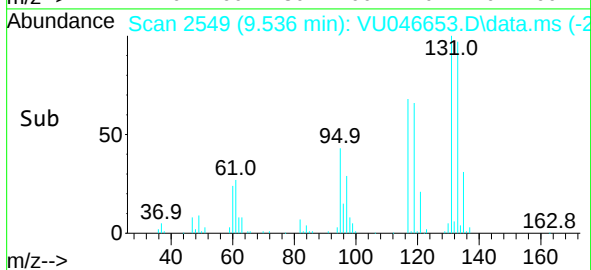
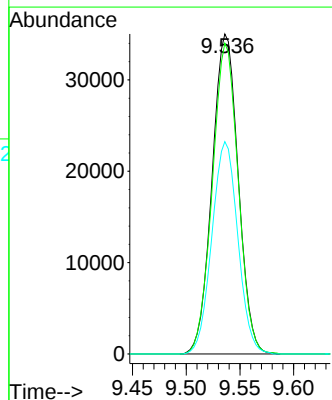
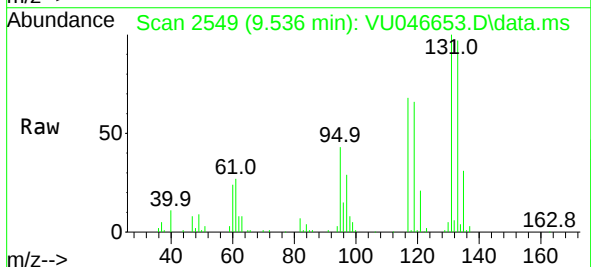
Manual Integrations
APPROVED

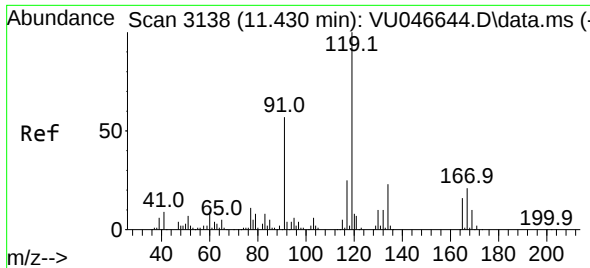
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 9.650 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Tgt Ion:131 Resp: 59132
Ion Ratio Lower Upper
131 100
133 96.4 76.0 114.0
119 65.9 54.9 82.3





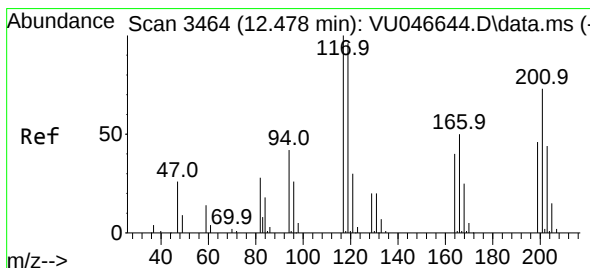
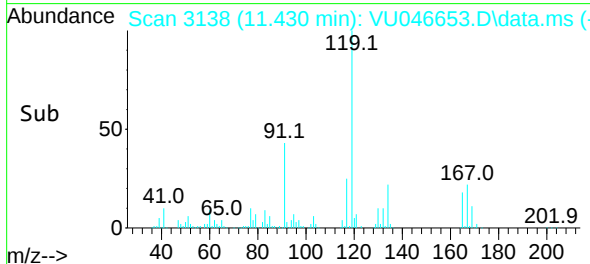
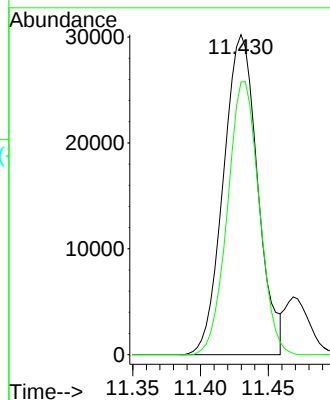
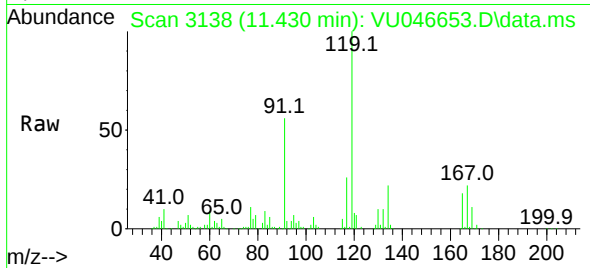
#61
Pentachloroethane
Concen: 10.416 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS

Tgt Ion:117 Resp: 5321
Ion Ratio Lower Upper
117 100
167 78.8 59.7 89.5

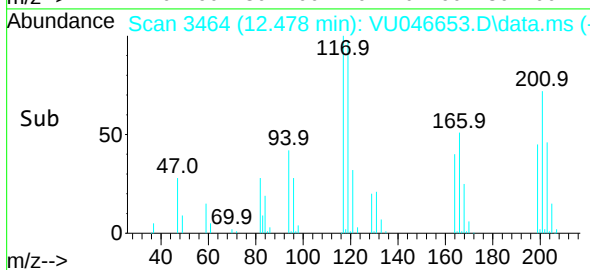
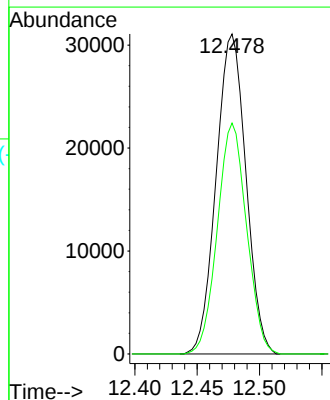
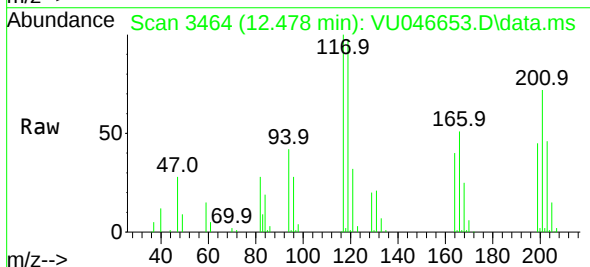
Manual Integrations
APPROVED

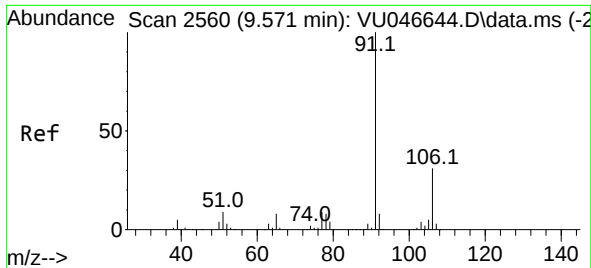
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#62
Hexachloroethane
Concen: 10.090 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

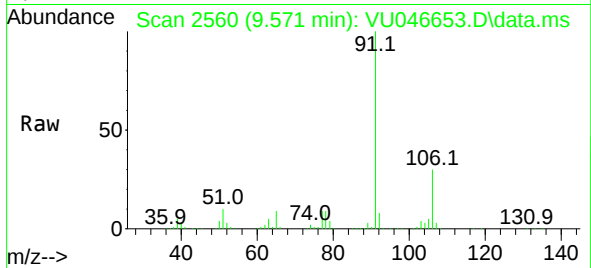
Tgt Ion:117 Resp: 51689
Ion Ratio Lower Upper
117 100
201 70.8 53.6 80.4





#63
Ethyl Benzene
Concen: 11.355 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

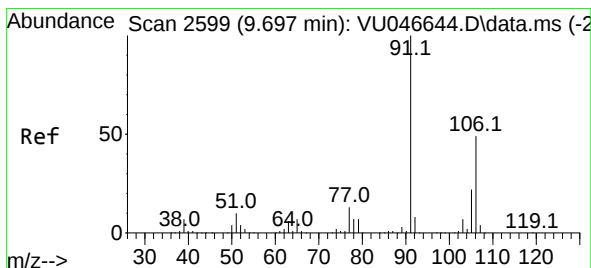
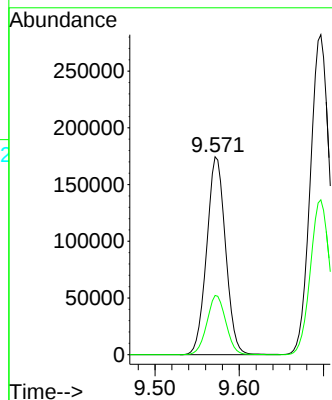
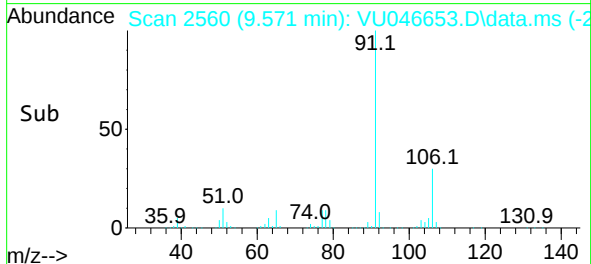
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



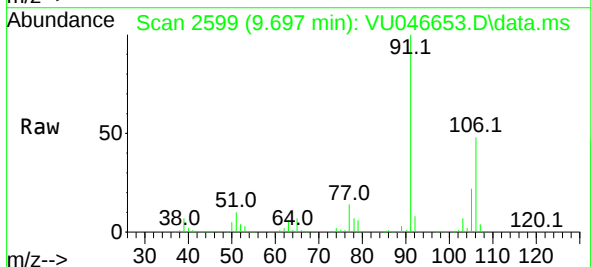
Tgt Ion: 91 Resp: 27194
Ion Ratio Lower Upper
91 100
106 29.9 24.4 36.6

Manual Integrations
APPROVED

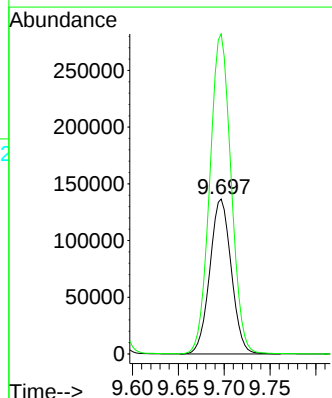
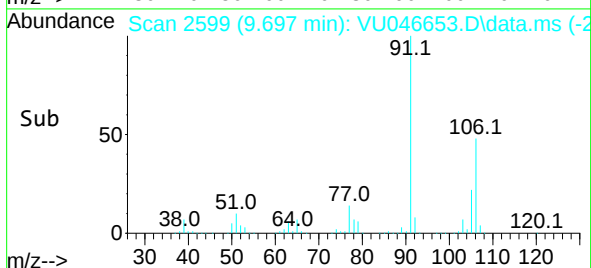
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

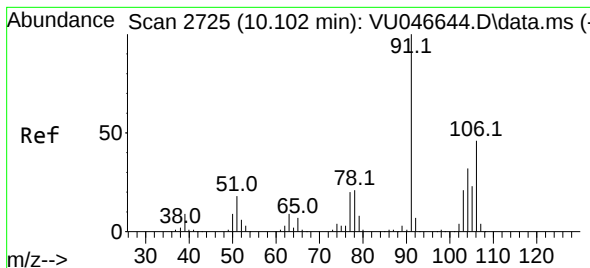


#64
m/p-Xylenes
Concen: 23.340 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00



Tgt Ion:106 Resp: 221969
Ion Ratio Lower Upper
106 100
91 206.2 165.5 248.3





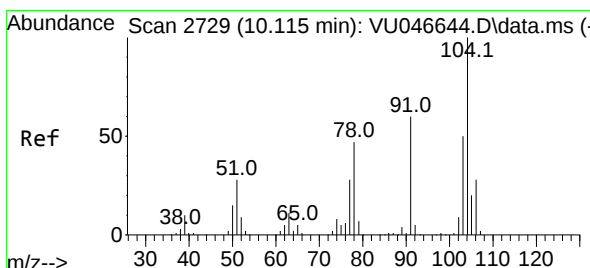
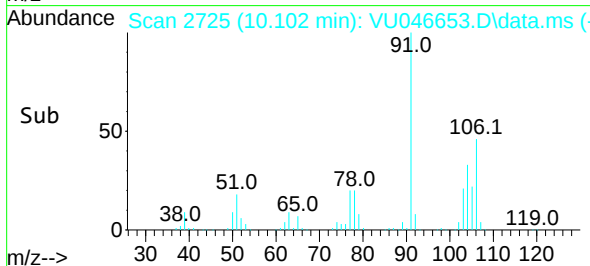
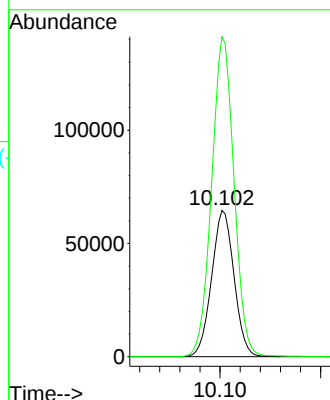
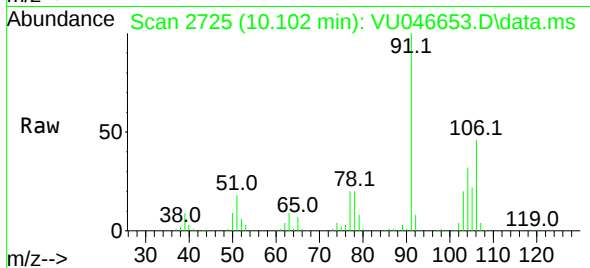
#65
o-Xylene
Concen: 11.105 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS

Tgt Ion:106 Resp: 9986
Ion Ratio Lower Upper
106 100
91 218.8 109.4 328.2

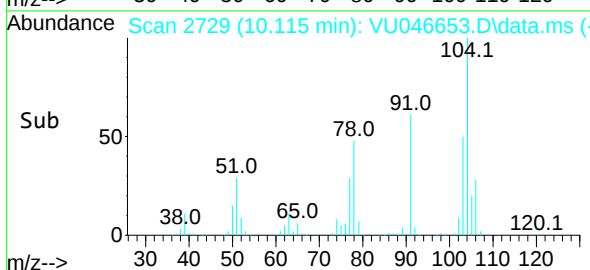
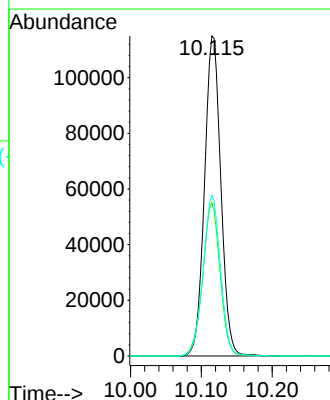
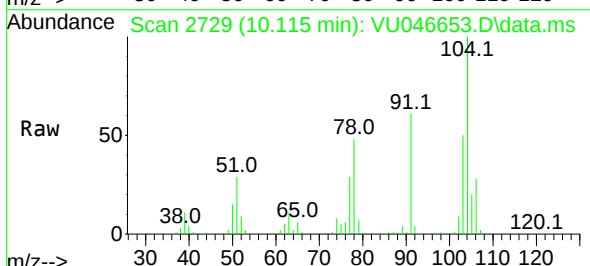
Manual Integrations
APPROVED

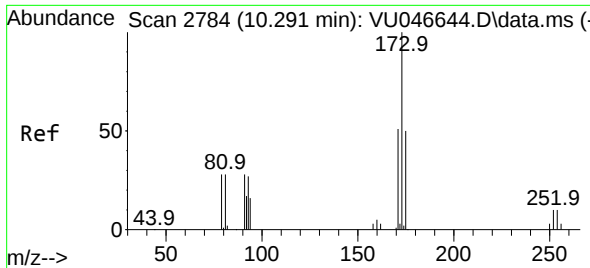
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#66
Styrene
Concen: 11.712 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

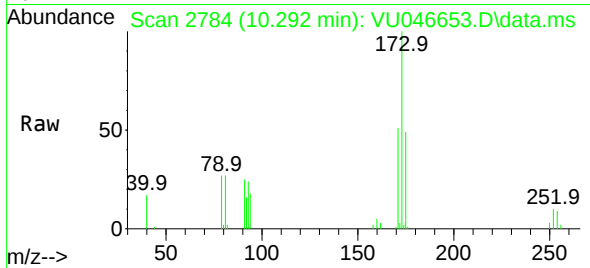
Tgt Ion:104 Resp: 184077
Ion Ratio Lower Upper
104 100
78 50.8 42.4 63.6
103 53.2 44.2 66.4





#67
Bromoform
Concen: 9.901 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

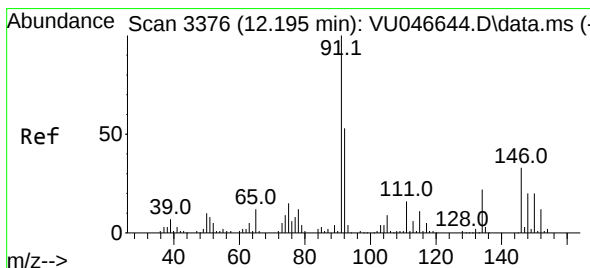
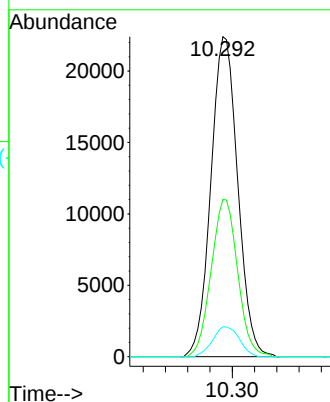
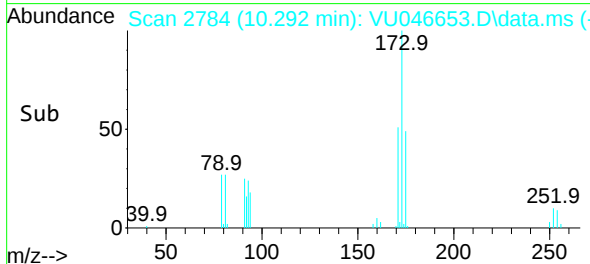
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



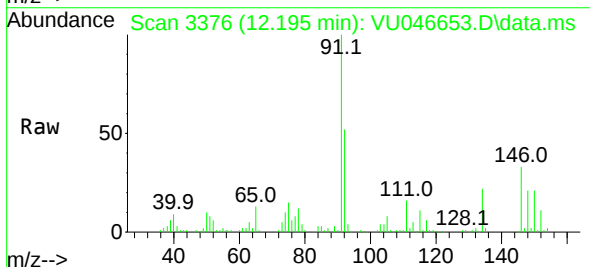
Tgt Ion:173 Resp: 3739
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.4
254 9.3 5.5 8.3

Manual Integrations
APPROVED

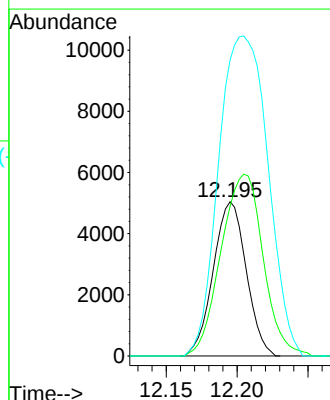
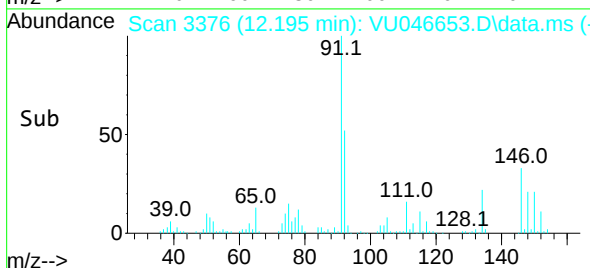
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

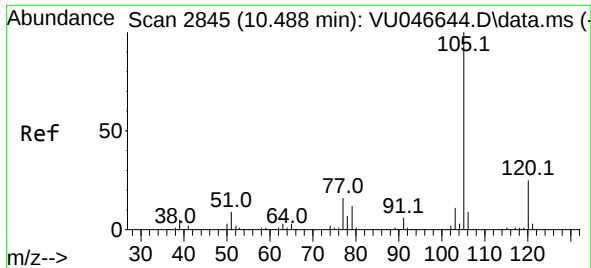


#68
1,2-Dichlorobenzene-d4
Concen: 1.026 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00



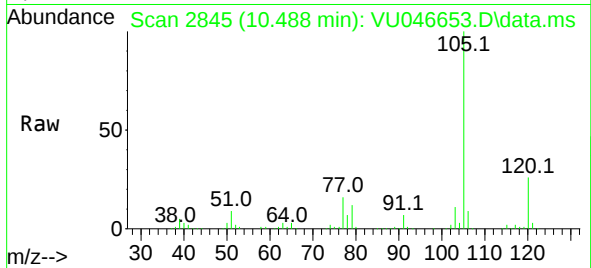
Tgt Ion:152 Resp: 8161
Ion Ratio Lower Upper
152 100
115 150.9 0.0 251.0
150 309.8 0.0 613.8





#69
Isopropylbenzene
Concen: 11.308 ug/l
RT: 10.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

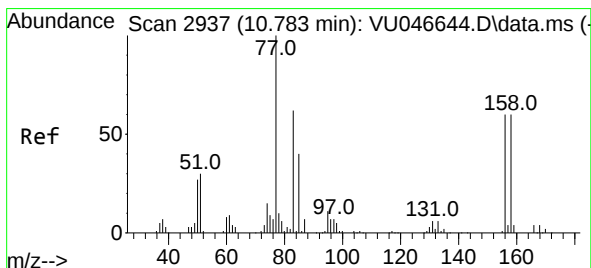
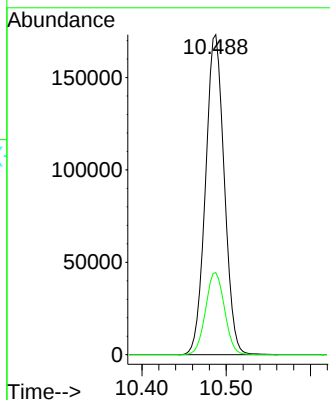
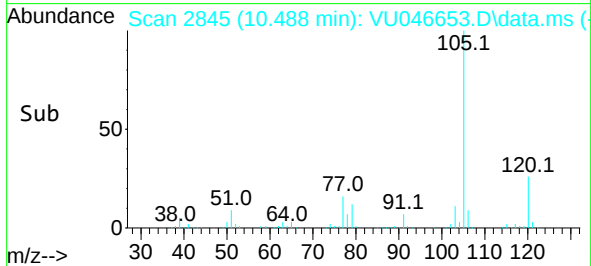
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



Tgt Ion:105 Resp: 267870
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.4

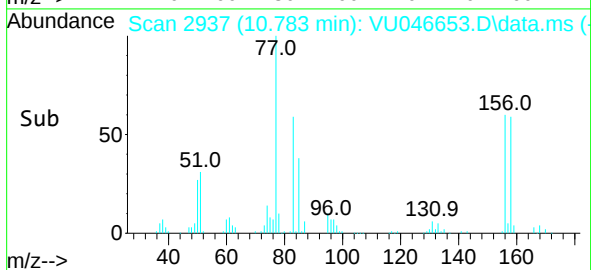
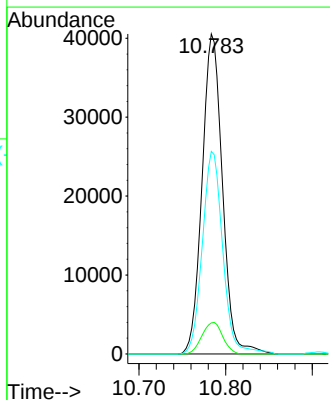
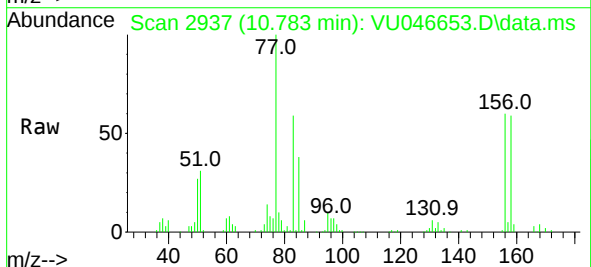
Manual Integrations
APPROVED

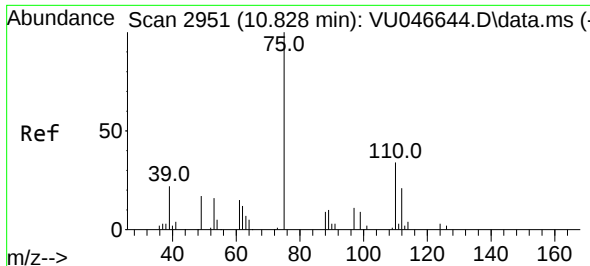
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 9.800 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

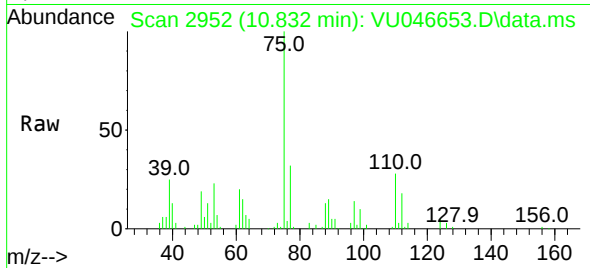
Tgt Ion: 83 Resp: 66068
Ion Ratio Lower Upper
83 100
131 10.0 7.6 11.4
85 63.6 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 9.776 ug/l m
RT: 10.832 min Scan# 2951
Delta R.T. 0.004 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

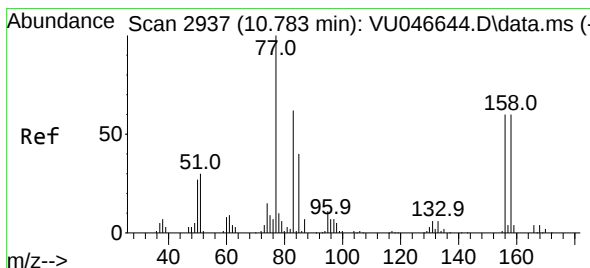
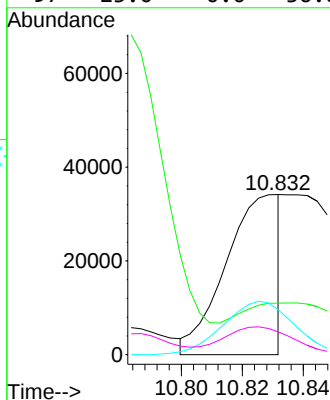
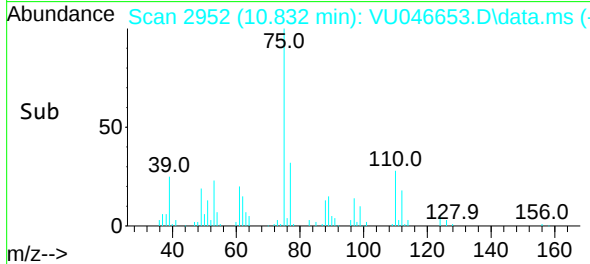
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



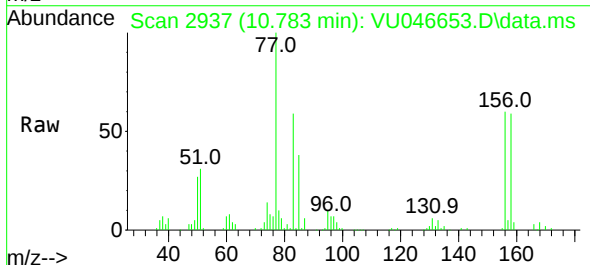
Tgt Ion: 75 Resp: 42130
Ion Ratio Lower Upper
75 100
77 62.9 0.0 105.6
110 44.0 0.0 71.2
97 23.0 0.0 36.8

Manual Integrations
APPROVED

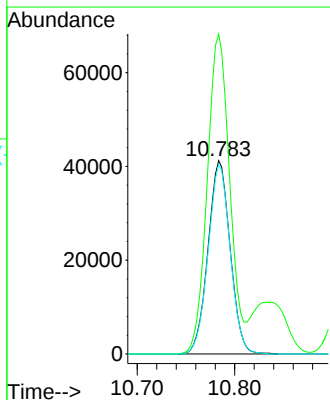
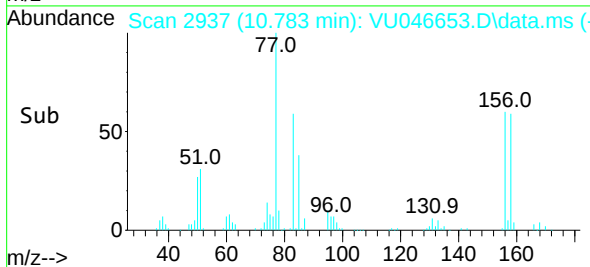
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

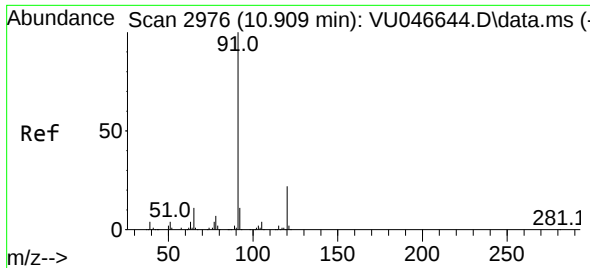


#72
Bromobenzene
Concen: 10.329 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00



Tgt Ion:156 Resp: 65041
Ion Ratio Lower Upper
156 100
77 168.6 0.0 370.6
158 97.5 0.0 193.4





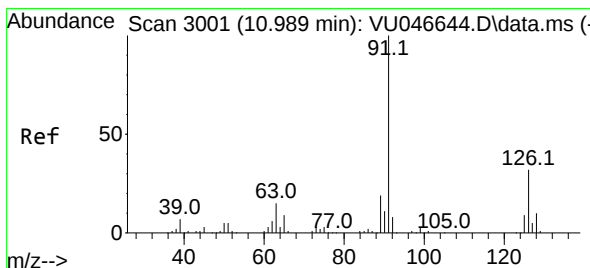
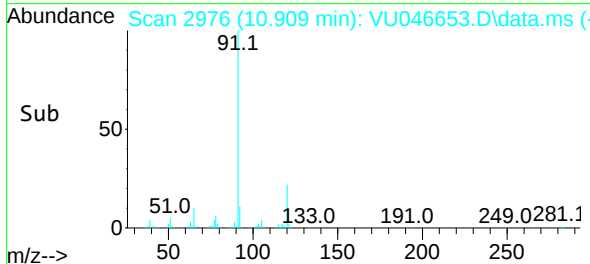
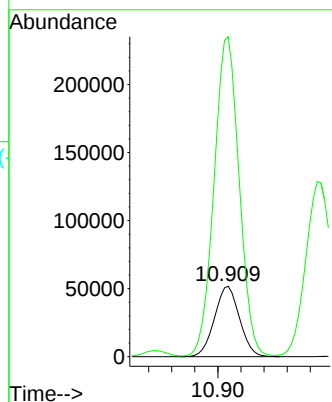
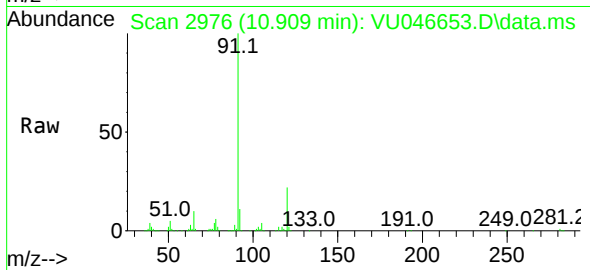
#73
n-propylbenzene
Concen: 11.496 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS

Tgt Ion:120 Resp: 77700
Ion Ratio Lower Upper
120 100
91 453.7 370.7 556.1

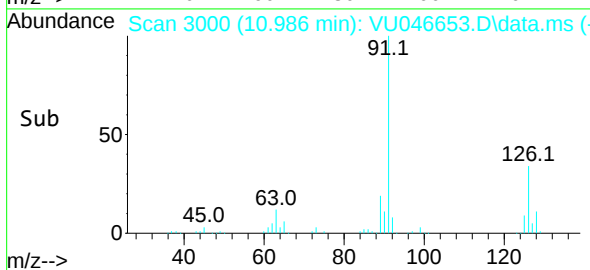
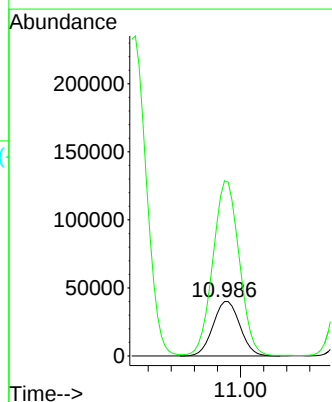
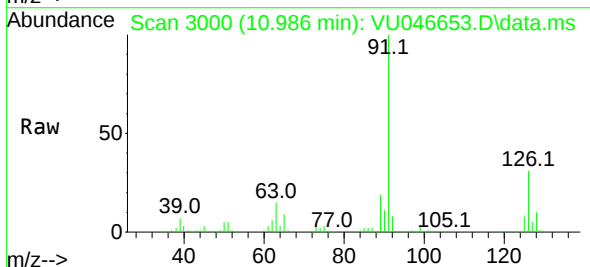
Manual Integrations
APPROVED

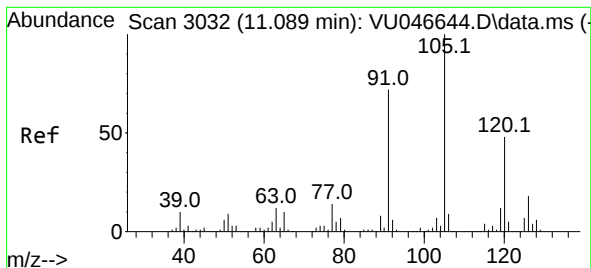
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#74
2-Chlorotoluene
Concen: 11.089 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Tgt Ion:126 Resp: 64799
Ion Ratio Lower Upper
126 100
91 312.5 0.0 639.6





#75

1,3,5-Trimethylbenzene

Concen: 9.798 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU046653.D

Acq: 30 Dec 2021 17:00

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MS

Tgt Ion:105 Resp: 24083

Ion Ratio Lower Upper

105 100

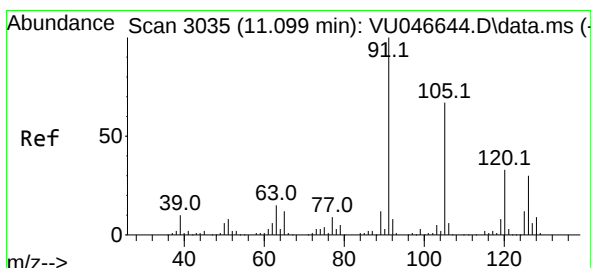
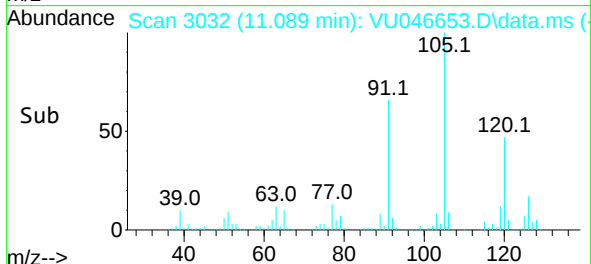
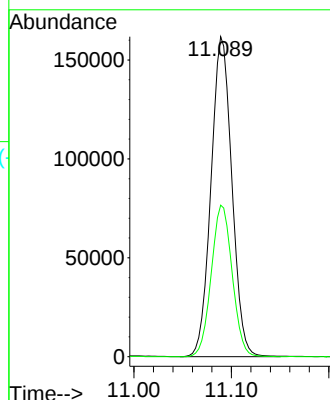
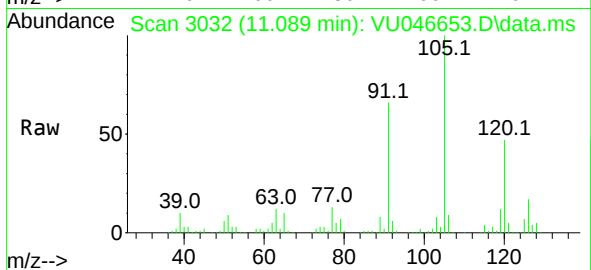
120 47.5 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#76

4-Chlorotoluene

Concen: 11.397 ug/l

RT: 11.099 min Scan# 3035

Delta R.T. -0.000 min

Lab File: VU046653.D

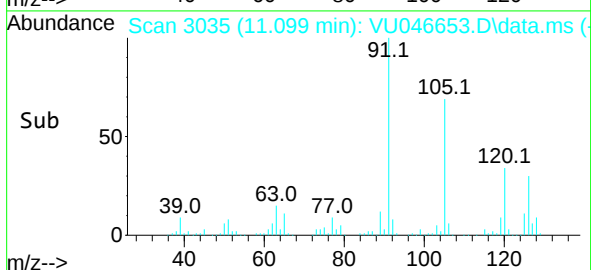
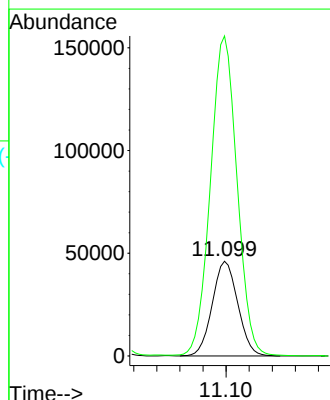
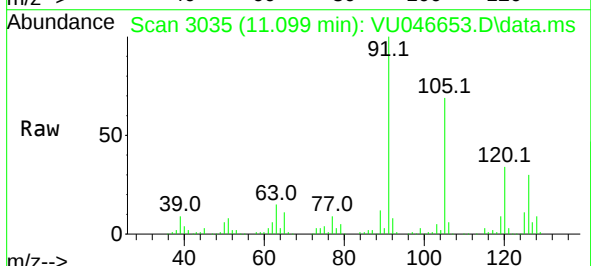
Acq: 30 Dec 2021 17:00

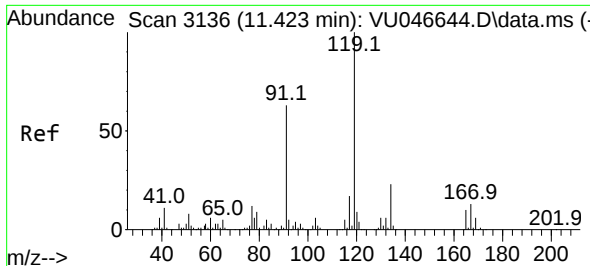
Tgt Ion:126 Resp: 70754

Ion Ratio Lower Upper

126 100

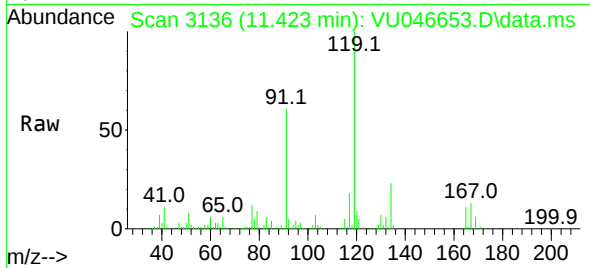
91 352.5 0.0 728.0





#77
tert-Butylbenzene
Concen: 11.512 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

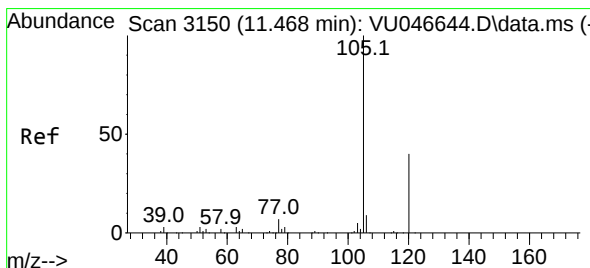
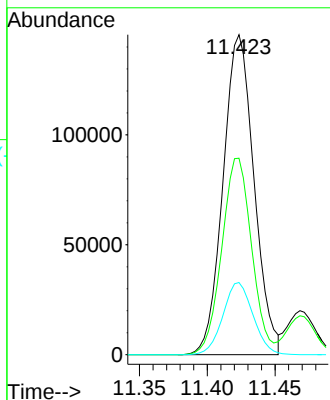
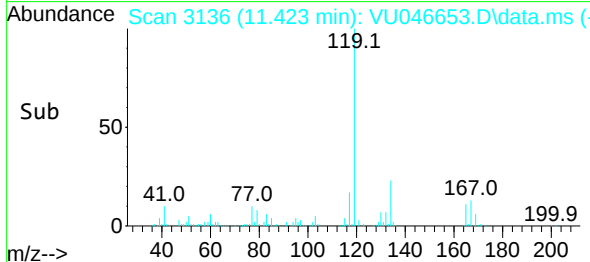
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



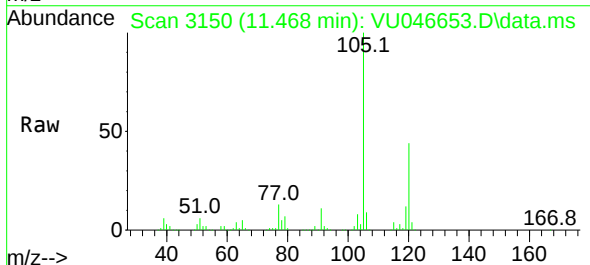
Tgt Ion:119 Resp: 231754
Ion Ratio Lower Upper
119 100
91 59.2 31.4 94.3
134 21.9 18.5 27.7

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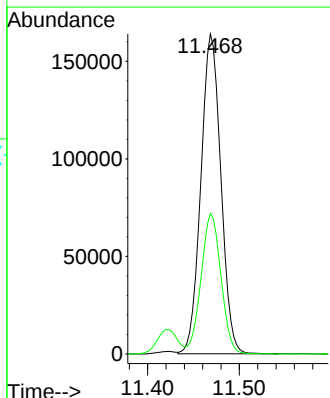
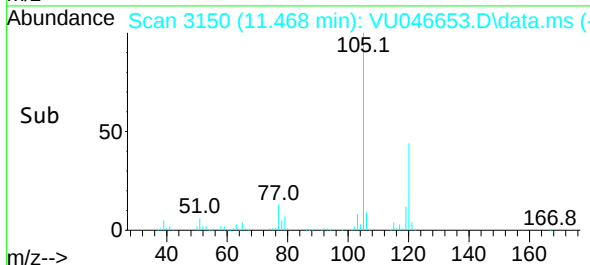
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

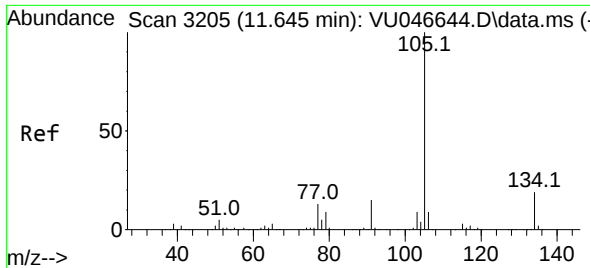


#78
1,2,4-Trimethylbenzene
Concen: 9.853 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00



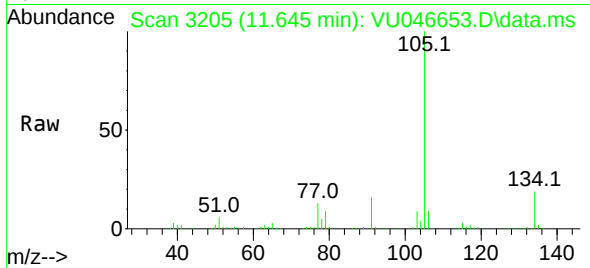
Tgt Ion:105 Resp: 248118
Ion Ratio Lower Upper
105 100
120 43.7 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 11.515 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU046653.D
 Acq: 30 Dec 2021 17:00

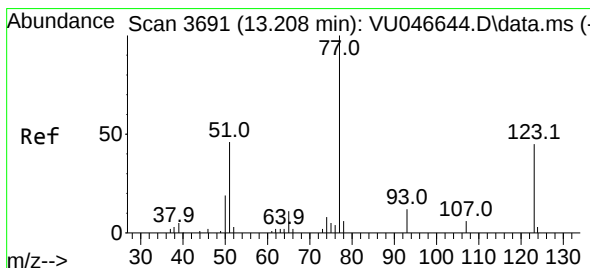
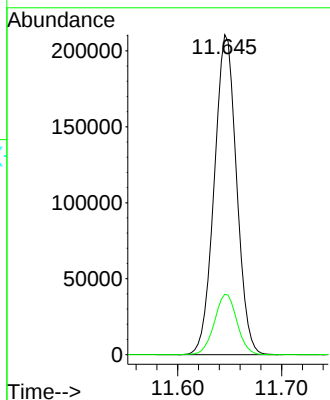
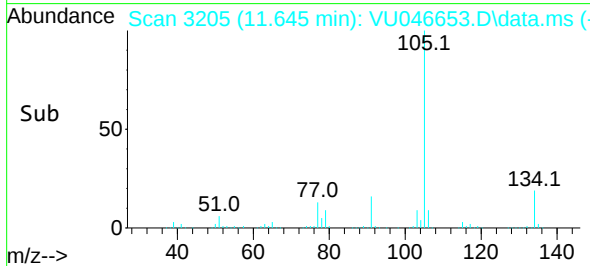
Instrument :
 MSVOA_U
 ClientSampleId :
 PW-B6-L10-122221MS



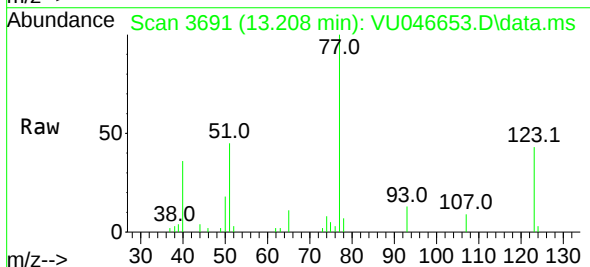
Tgt Ion:105 Resp: 31424
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0

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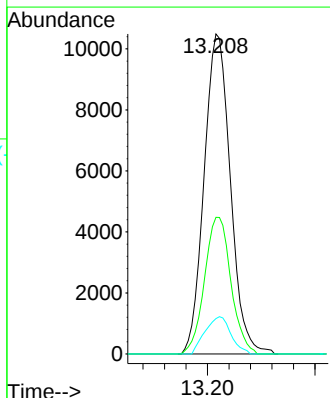
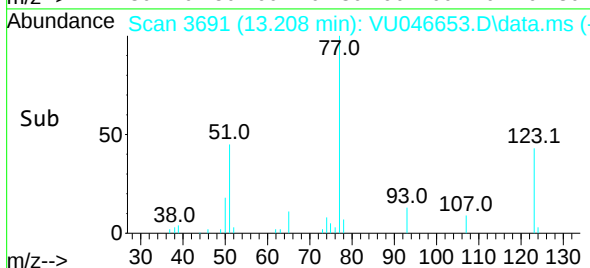
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022

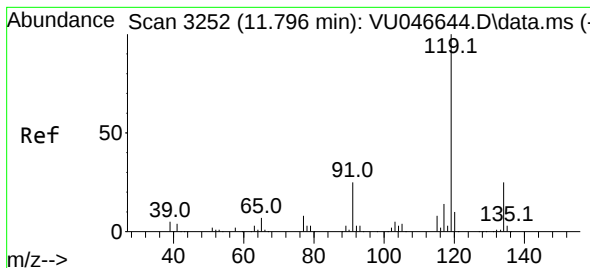


#80
 Nitrobenzene
 Concen: 51.628 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.000 min
 Lab File: VU046653.D
 Acq: 30 Dec 2021 17:00



Tgt Ion: 77 Resp: 17803
 Ion Ratio Lower Upper
 77 100
 123 42.9 18.2 64.4
 65 11.4 12.0 15.2#





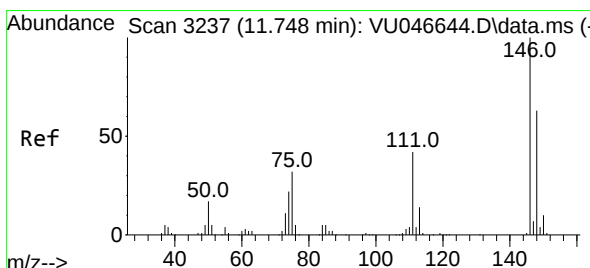
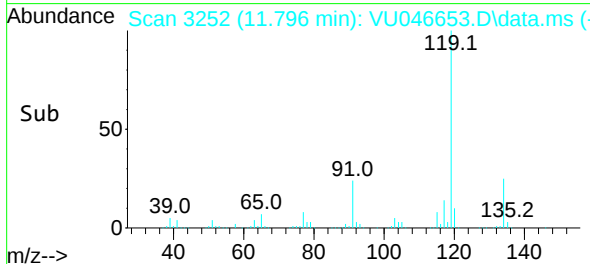
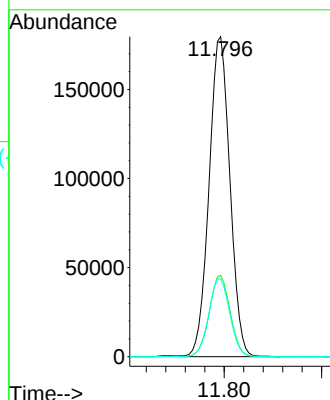
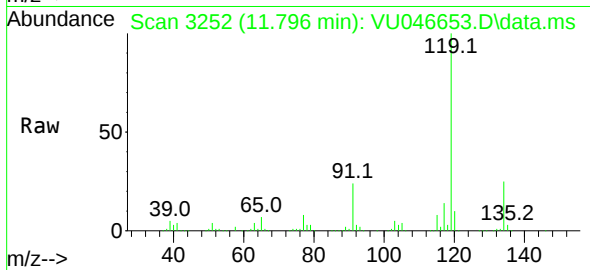
#81
p-Isopropyltoluene
Concen: 9.721 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-122221MS

Tgt Ion:119 Resp: 26669
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.4
91 24.6 19.9 29.9

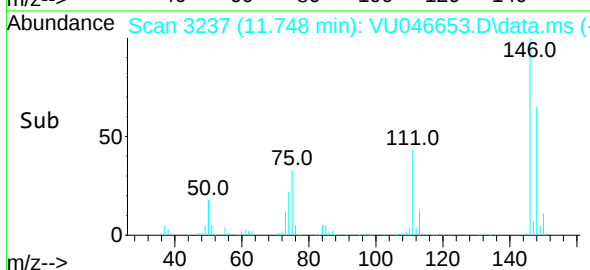
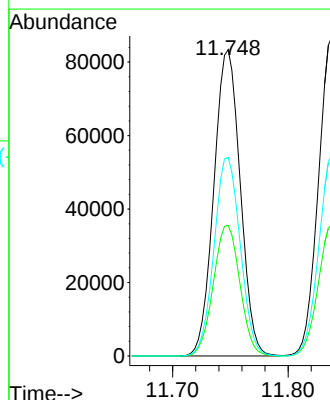
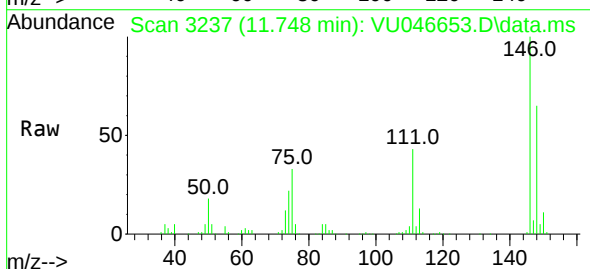
Manual Integrations
APPROVED

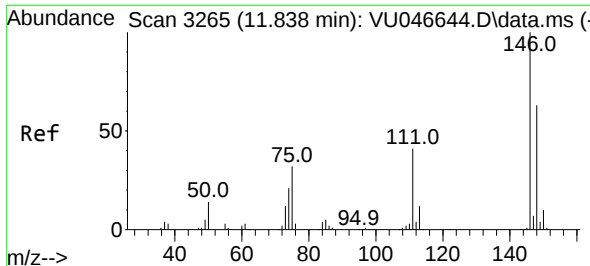
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#82
1,3-Dichlorobenzene
Concen: 10.240 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

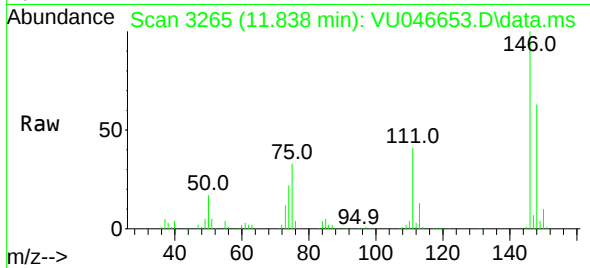
Tgt Ion:146 Resp: 132232
Ion Ratio Lower Upper
146 100
111 42.9 33.9 50.9
148 64.6 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 10.554 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

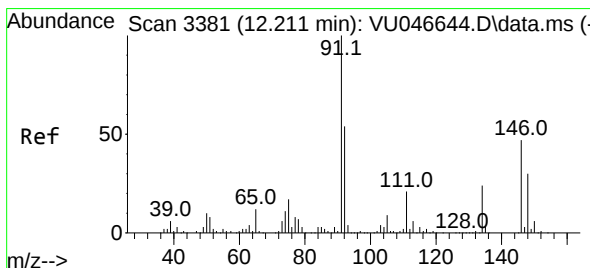
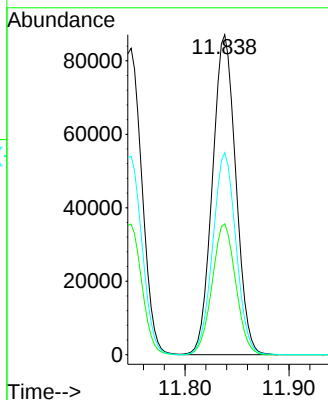
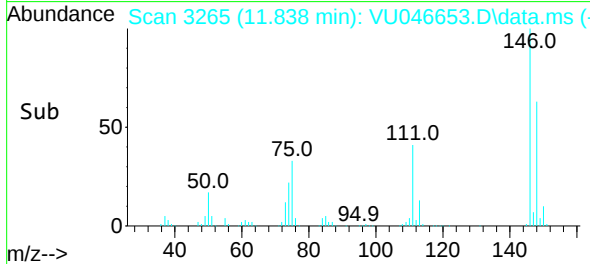
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



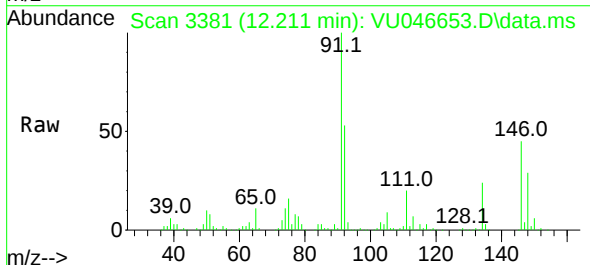
Tgt Ion:146 Resp: 136223
Ion Ratio Lower Upper
146 100
111 41.2 32.7 49.1
148 62.8 51.4 77.0

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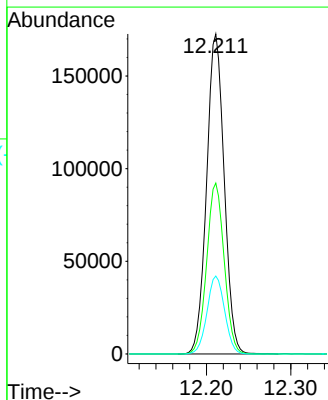
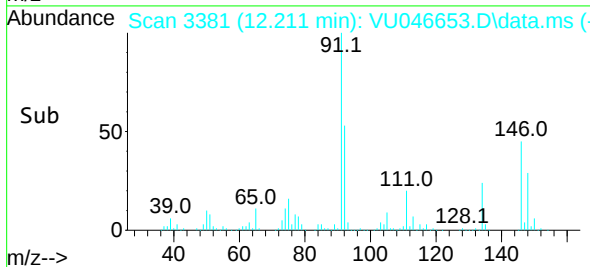
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

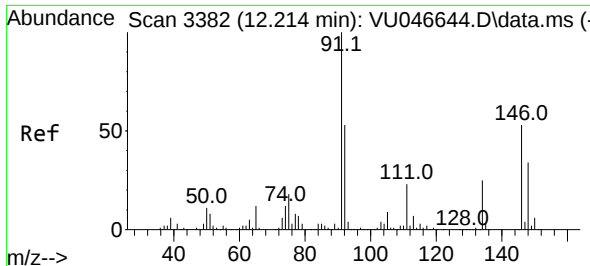


#84
n-Butylbenzene
Concen: 11.663 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00



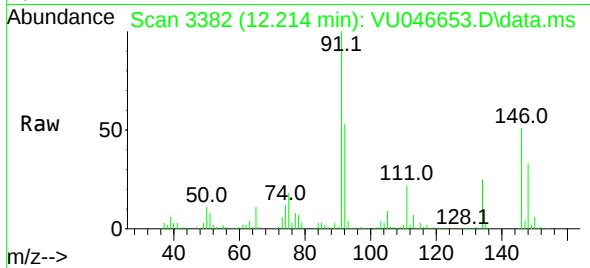
Tgt Ion: 91 Resp: 250565
Ion Ratio Lower Upper
91 100
92 53.0 43.5 65.3
134 24.4 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 10.365 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

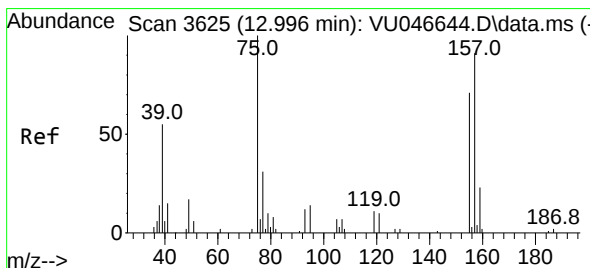
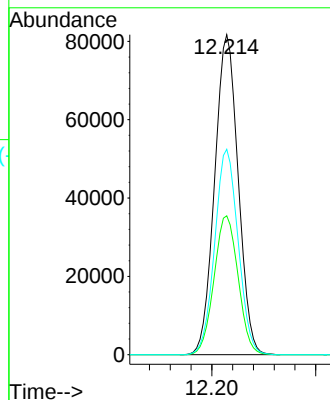
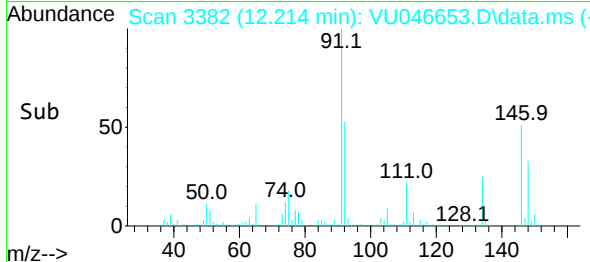
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



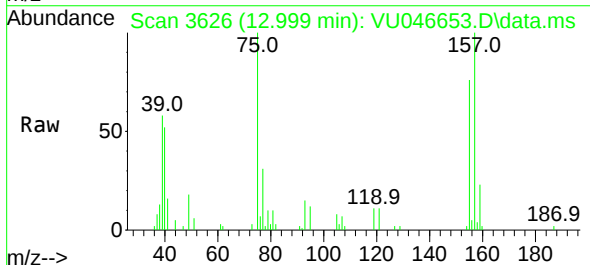
Tgt Ion:146 Resp: 128274
Ion Ratio Lower Upper
146 100
111 44.5 22.1 66.1
148 64.0 31.6 94.7

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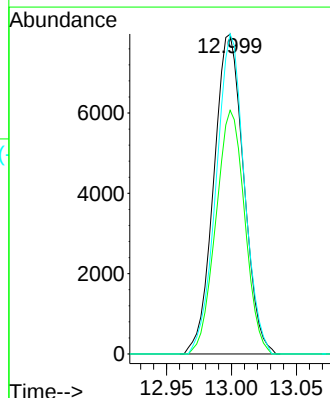
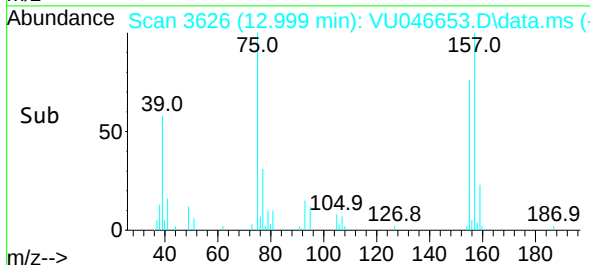
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

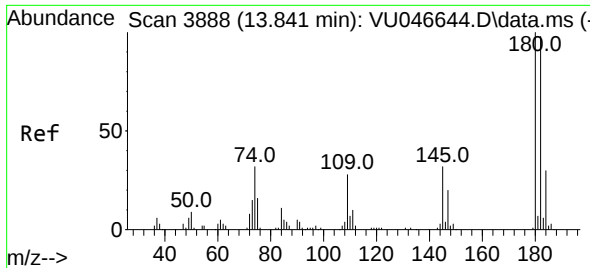


#86
1,2-Dibromo-3-Chloropropane
Concen: 10.254 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00



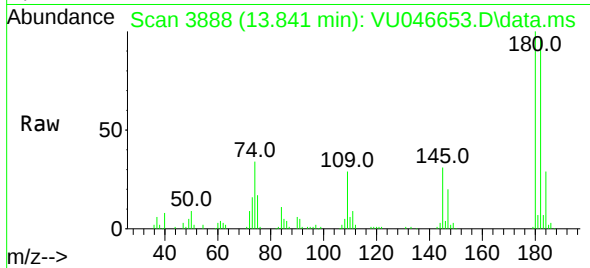
Tgt Ion: 75 Resp: 12730
Ion Ratio Lower Upper
75 100
155 73.5 57.8 86.8
157 94.2 75.1 112.7





#87
1,2,4-Trichlorobenzene
Concen: 10.613 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

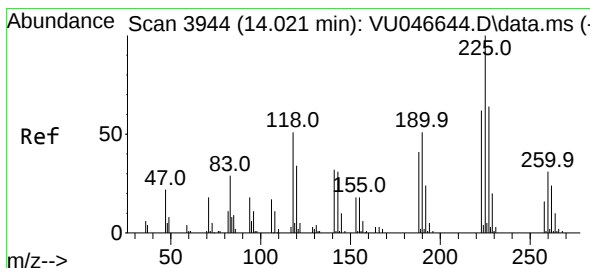
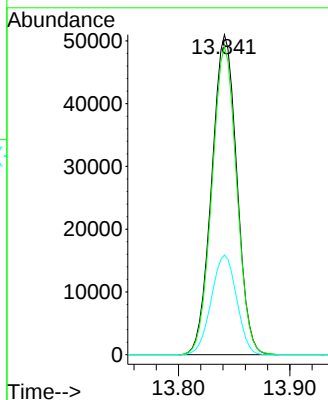
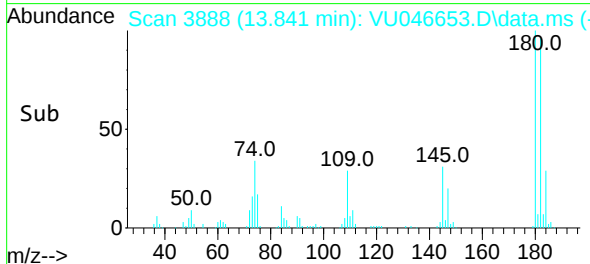
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



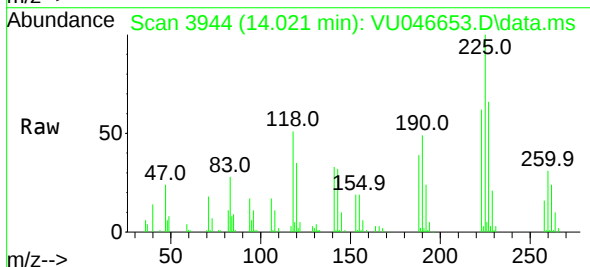
Tgt Ion:180 Resp: 79654
Ion Ratio Lower Upper
180 100
182 95.0 75.8 113.8
145 31.5 25.3 37.9

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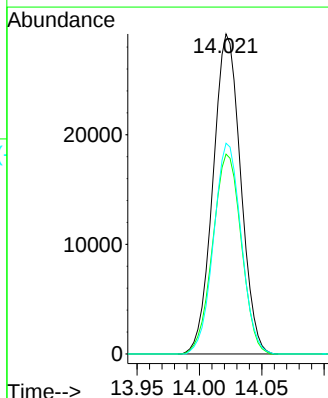
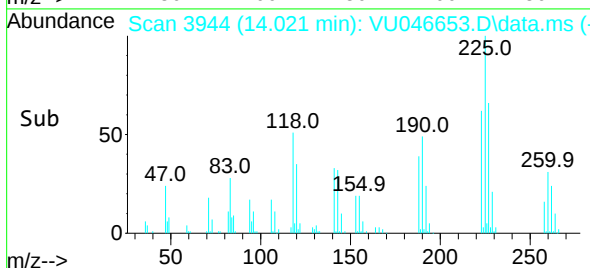
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

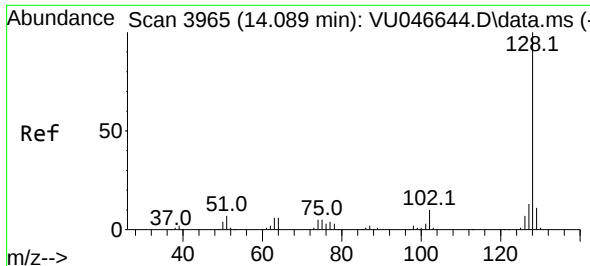


#88
Hexachlorobutadiene
Concen: 9.759 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00



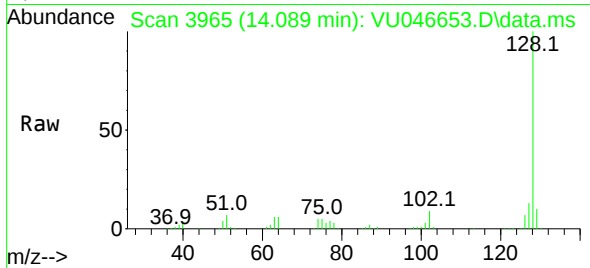
Tgt Ion:225 Resp: 45116
Ion Ratio Lower Upper
225 100
223 64.5 51.1 76.7
227 65.6 49.9 74.9





#89
Naphthalene
Concen: 9.793 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00

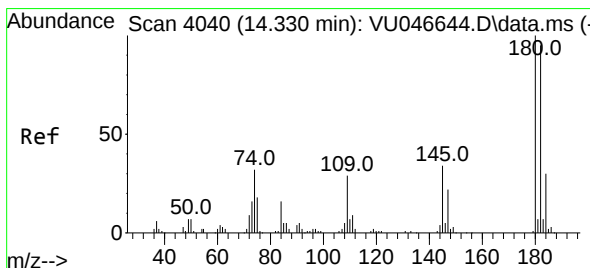
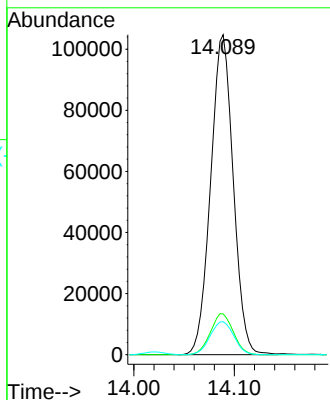
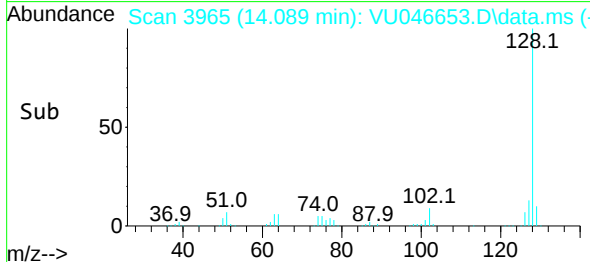
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MS



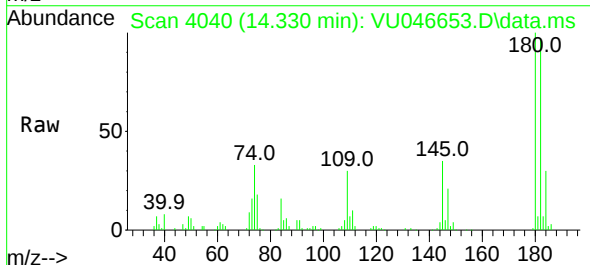
Tgt Ion:128 Resp: 16353
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.8 8.6 13.0

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



#90
1,2,3-Trichlorobenzene
Concen: 10.977 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046653.D
Acq: 30 Dec 2021 17:00



Tgt Ion:180 Resp: 80304
Ion Ratio Lower Upper
180 100
182 96.5 75.4 113.0
145 34.5 27.0 40.4

