

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
 Data File : VU046654.D
 Acq On : 30 Dec 2021 17:24
 Operator : SY/MD
 Sample : M5221-06MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Dec 31 07:27:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Dec 30 12:44:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	21477	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	7486	0.980	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	8017	0.970	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	79342	9.636	ug/l	100
3) Chloromethane	1.523	50	67249	9.239	ug/l	99
4) Vinyl Chloride	1.607	62	74980	9.584	ug/l	99
5) Bromomethane	1.864	94	42728	10.458	ug/l	100
6) Chloroethane	1.938	64	43065	9.277	ug/l	98
7) Trichlorofluoromethane	2.144	101	106367	9.703	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	60524	9.922	ug/l	96
9) 1,1-Dichloroethene	2.584	96	54079	9.442	ug/l	97
10) Iodomethane	2.729	142	65456	10.938	ug/l	# 86
11) Allyl Chloride	2.928	41	72668	10.060	ug/l	94
12) Acrylonitrile	3.337	53	29796	19.492	ug/l	95
13) Acetone	2.665	43	58287	42.364	ug/l	99
14) Carbon Disulfide	2.800	76	168158	9.187	ug/l	100
15) Methylene Chloride	3.051	84	62836	9.913	ug/l	96
16) trans-1,2-Dichloroethene	3.359	96	59338	9.917	ug/l	97
17) 1,1-Dichloroethane	3.877	63	109199	9.784	ug/l	99
18) 2-Butanone	4.729	43	95555	46.478	ug/l	100
19) Cyclohexane	5.395	56	79190	10.832	ug/l	# 82
20) Methylcyclohexane	6.768	83	94789	10.975	ug/l	98
21) 2,2-Dichloropropane	4.668	77	92299	9.701	ug/l	99
22) cis-1,2-Dichloroethene	4.671	96	66527	10.389	ug/l	96
23) Diethyl Ether	2.382	59	40629	9.499	ug/l	95
24) tert-Butyl Alcohol	3.289	59	11127	25.117	ug/l	# 1
25) Methyl tert-Butyl Ether	3.369	73	146447	10.578	ug/l	97
26) Bromochloromethane	4.980	128	31102	9.816	ug/l	93
27) Chloroform	5.096	83	116503	9.407	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	104722	9.800	ug/l	97
29) 1,1-Dichloropropene	5.530	75	87797	10.439	ug/l	99
30) Carbon Tetrachloride	5.530	117	93940	9.636	ug/l	99
31) Isopropyl Ether	3.996	45	150295	10.816	ug/l	97
32) Ethyl-t-butyl ether	4.507	59	144625	10.529	ug/l	93
33) Tert-Amyl methyl ether	5.944	73	144943	10.950	ug/l	98
34) Propionitrile	4.819	54	31887	52.340	ug/l	# 71
35) Benzene	5.777	78	242144	10.077	ug/l	100
36) 1,2-Dichloroethane	5.797	62	80005	9.709	ug/l	100
37) Trichloroethene	6.546	130	64367	10.485	ug/l	97
38) 1,2-Dichloropropane	6.793	63	65380	10.278	ug/l	99
39) Methacrylonitrile	4.980	41	21261	10.420	ug/l	98
40) Methyl acrylate	4.851	55	38539	10.773	ug/l	# 98
41) Tetrahydrofuran	5.073	42	23456	22.646	ug/l	96
42) 1-Chlorobutane	5.462	56	115074	10.417	ug/l	97
43) Dibromomethane	6.922	93	36459	9.683	ug/l	98
44) Bromodichloromethane	7.108	83	90817	9.691	ug/l	99

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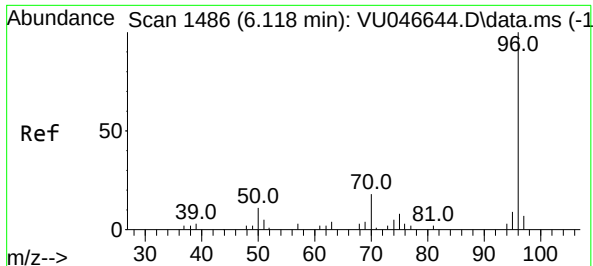
Manual Integrations
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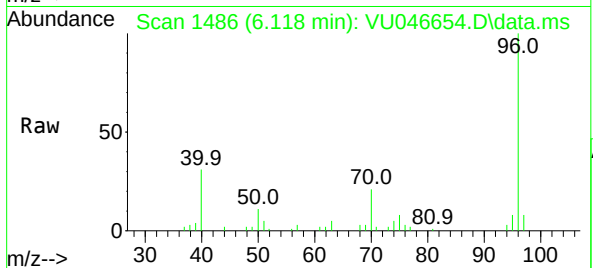
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	215577	53.536	ug/l	98
46) t-1,4-Dichloro-2-butene	10.832	75	48990m	22.574	ug/l	
47) Methyl methacrylate	6.964	69	67816	22.143	ug/l	91
48) Ethyl methacrylate	8.337	69	61233	11.217	ug/l	93
49) Toluene	7.973	92	154114	10.961	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	84527	10.472	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	91904	10.340	ug/l	92
52) 1,1,2-Trichloroethane	8.404	97	50577	9.660	ug/l	99
53) 1,3-Dichloropropane	8.578	76	88446	9.892	ug/l	98
54) 2-Hexanone	8.687	43	157830	53.638	ug/l	100
55) Dibromochloromethane	8.812	129	62751	9.583	ug/l	98
56) 1,2-Dibromoethane	8.925	107	48419	9.710	ug/l	98
58) Tetrachloroethene	8.555	164	56577	10.425	ug/l	96
59) Chlorobenzene	9.449	112	157028	10.348	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	62276	9.774	ug/l	98
61) Pentachloroethane	11.430	117	54617	10.282	ug/l	92
62) Hexachloroethane	12.478	117	53718	10.085	ug/l	95
63) Ethyl Benzene	9.571	91	282728	11.353	ug/l	100
64) m/p-Xylenes	9.697	106	227360	22.992	ug/l	100
65) o-Xylene	10.105	106	104948	11.223	ug/l	99
66) Styrene	10.115	104	189942	11.623	ug/l	98
67) Bromoform	10.292	173	37997	9.677	ug/l #	98
69) Isopropylbenzene	10.488	105	280192	11.376	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.783	83	66301	9.458	ug/l	96
71) 1,2,3-Trichloropropane	10.828	75	49001m	10.936	ug/l	
72) Bromobenzene	10.783	156	66243	10.117	ug/l	93
73) n-propylbenzene	10.909	120	78721	11.200	ug/l	98
74) 2-Chlorotoluene	10.989	126	66732	10.983	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	248077	9.711	ug/l	98
76) 4-Chlorotoluene	11.099	126	70749	10.960	ug/l	97
77) tert-Butylbenzene	11.423	119	238401	11.389	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	253157	9.677	ug/l	99
79) sec-Butylbenzene	11.645	105	323726	11.408	ug/l	100
80) Nitrobenzene	13.208	77	19569	53.699	ug/l #	99
81) p-Isopropyltoluene	11.796	119	271117	9.516	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	133505	9.943	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	136935	10.203	ug/l	99
84) n-Butylbenzene	12.211	91	249991	11.191	ug/l	99
85) 1,2-Dichlorobenzene	12.214	146	129427	10.057	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	13371	10.358	ug/l	98
87) 1,2,4-Trichlorobenzene	13.841	180	83521	10.702	ug/l	99
88) Hexachlorobutadiene	14.021	225	46102	9.591	ug/l	98
89) Naphthalene	14.089	128	178028	10.133	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	84553	11.116	ug/l	99

(#) = 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: VU046654.D
Acq: 30 Dec 2021 17:24

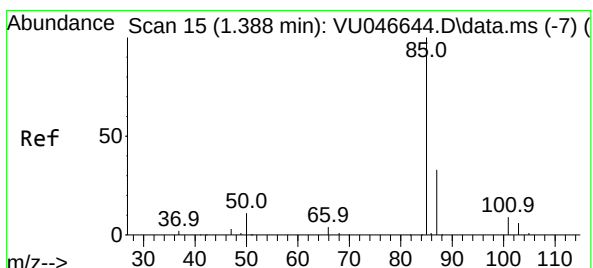
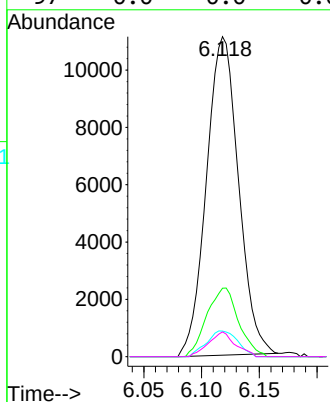
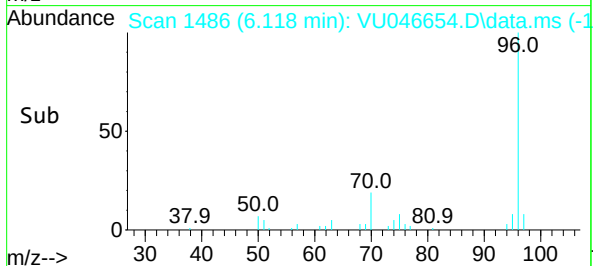
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



Tgt Ion: 96 Resp: 2147
Ion Ratio Lower Upper
96 100
70 21.3 16.8 25.2
95 7.8 7.3 10.9
97 0.0 0.0 0.0

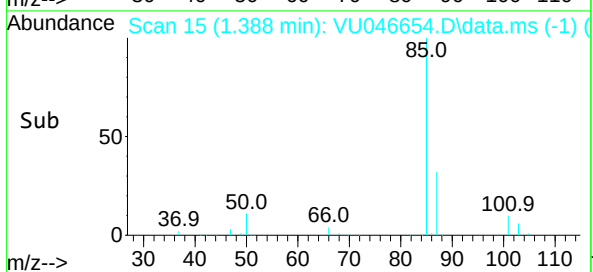
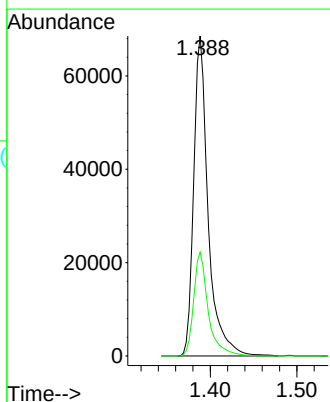
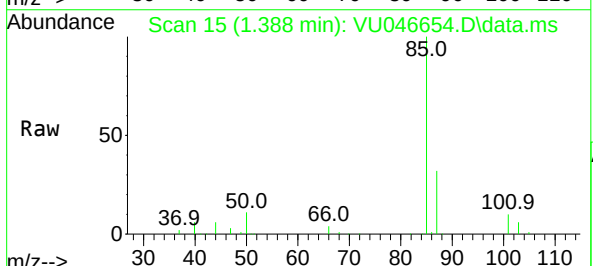
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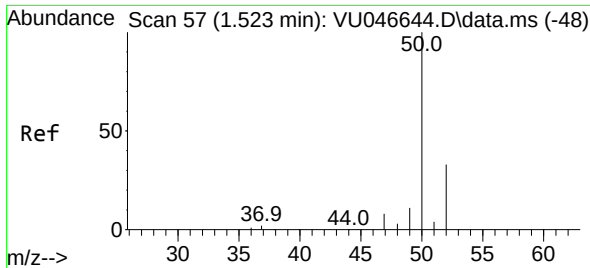
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#2
Dichlorodifluoromethane
Concen: 9.636 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

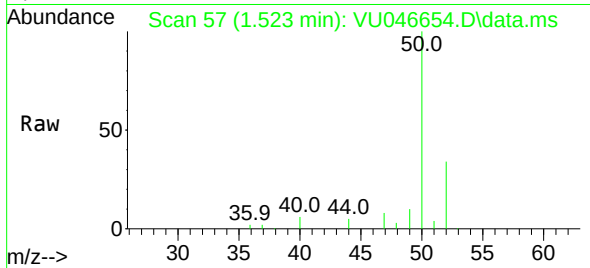
Tgt Ion: 85 Resp: 79342
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3
Chloromethane
Concen: 9.239 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

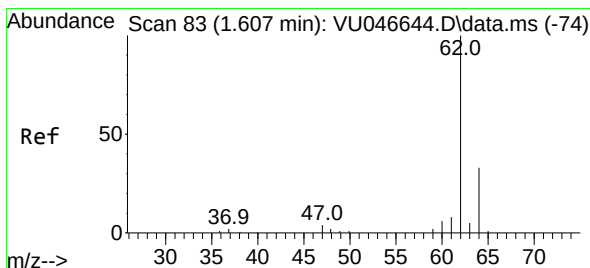
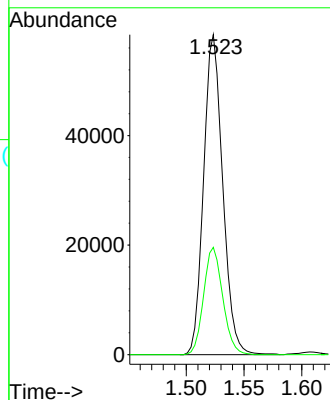
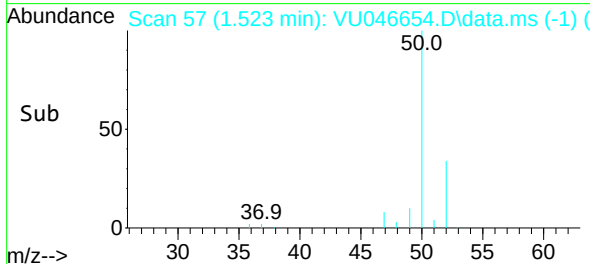
Instrument :
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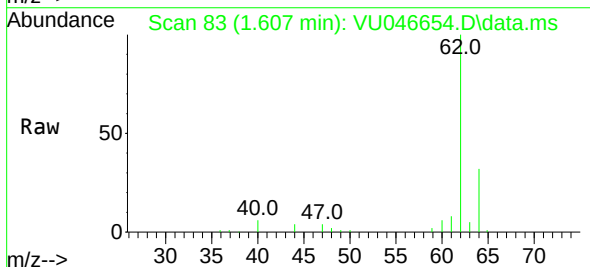
Tgt Ion: 50 Resp: 67249
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.4

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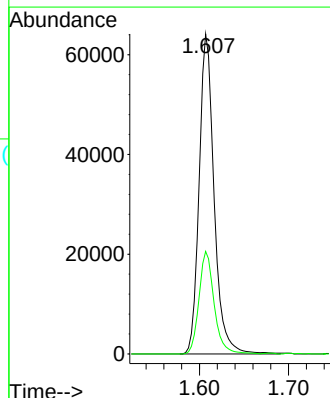
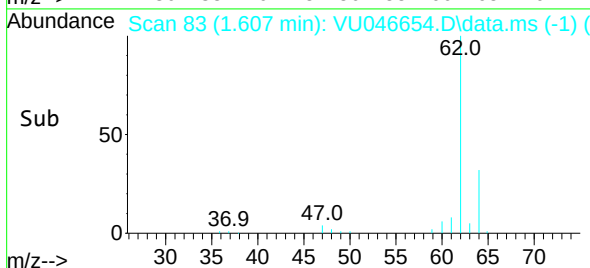
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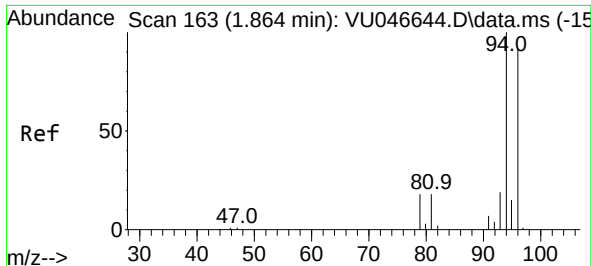


#4
Vinyl Chloride
Concen: 9.584 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24



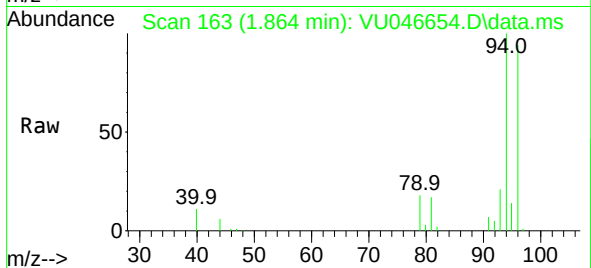
Tgt Ion: 62 Resp: 74980
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0





#5
Bromomethane
Concen: 10.458 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

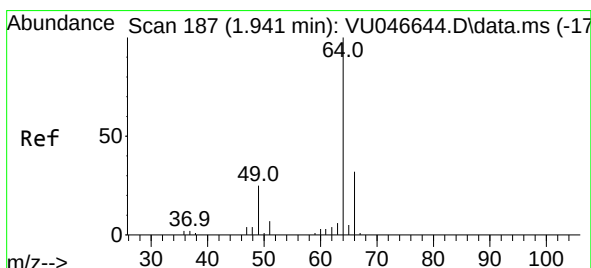
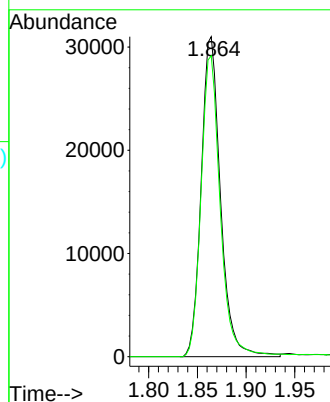
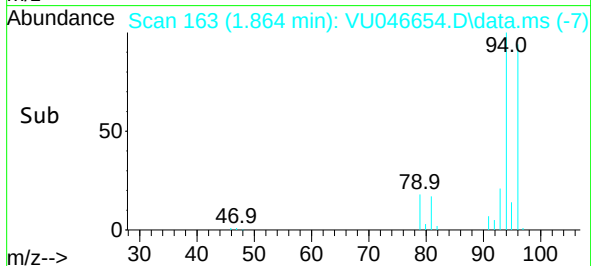
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



Tgt Ion: 94 Resp: 42728
Ion Ratio Lower Upper
94 100
96 94.1 75.0 112.4

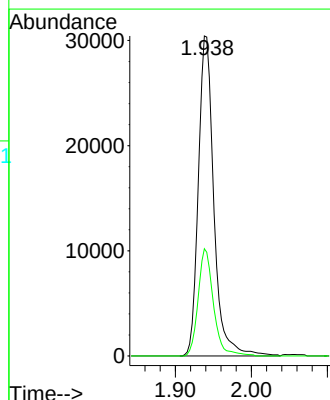
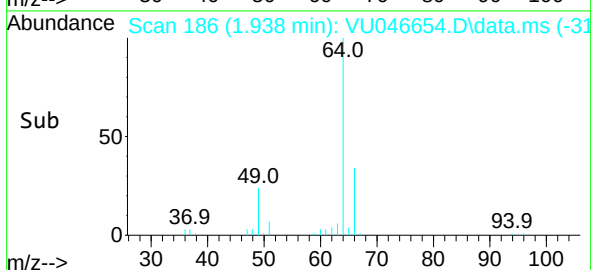
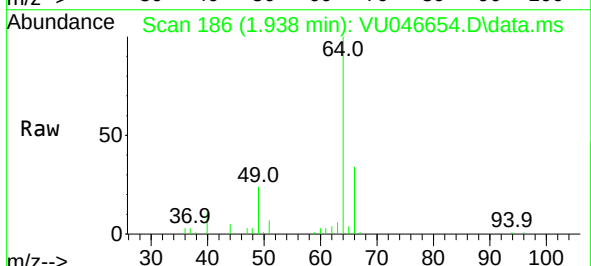
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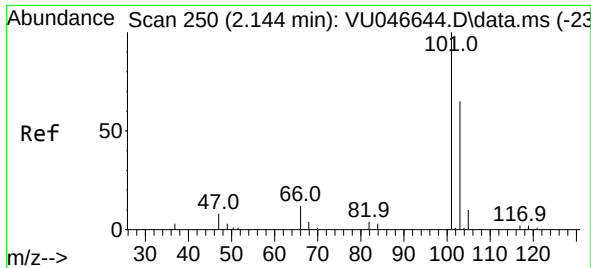
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#6
Chloroethane
Concen: 9.277 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

Tgt Ion: 64 Resp: 43065
Ion Ratio Lower Upper
64 100
66 33.5 25.8 38.8





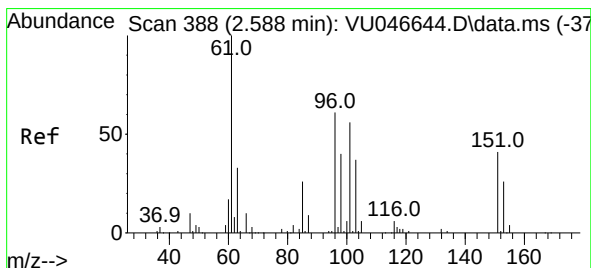
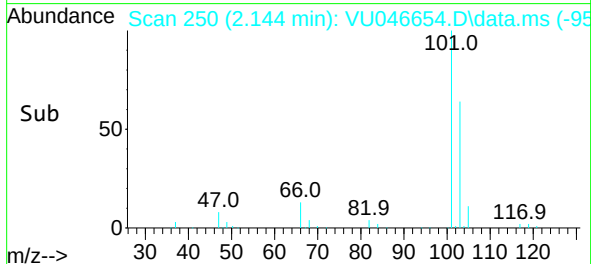
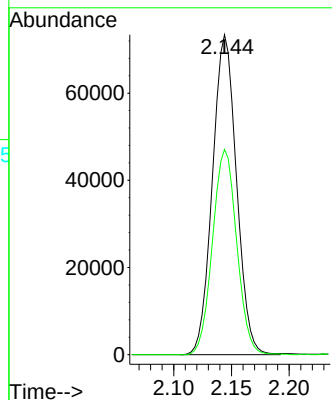
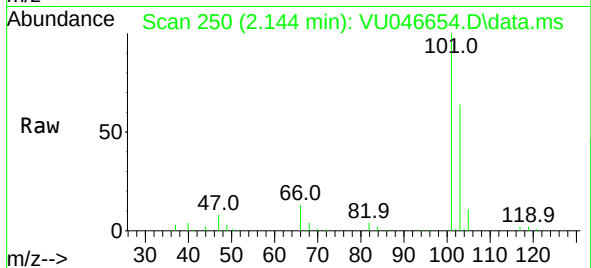
#7
Trichlorofluoromethane
Concen: 9.703 ug/l
RT: 2.144 min Scan# 210
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

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

Tgt Ion:101 Resp: 10636
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.2

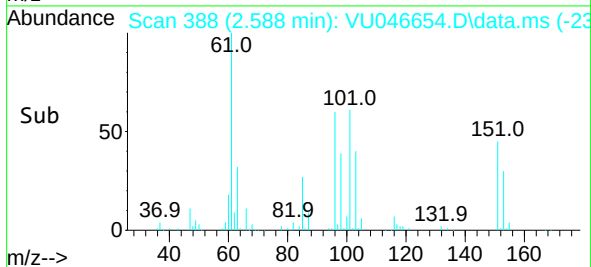
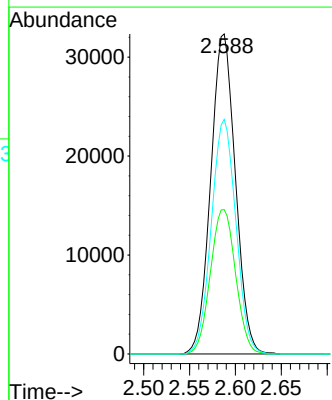
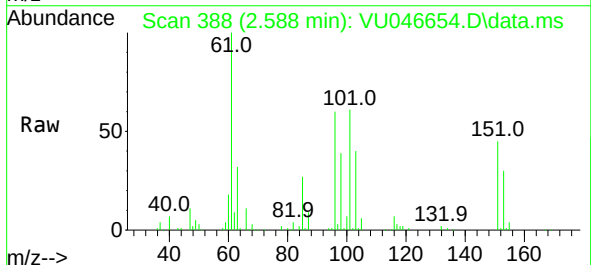
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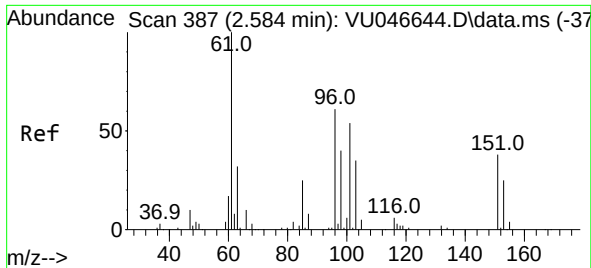
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.922 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

Tgt Ion:101 Resp: 60524
Ion Ratio Lower Upper
101 100
85 46.1 35.8 53.6
151 73.1 54.6 81.8





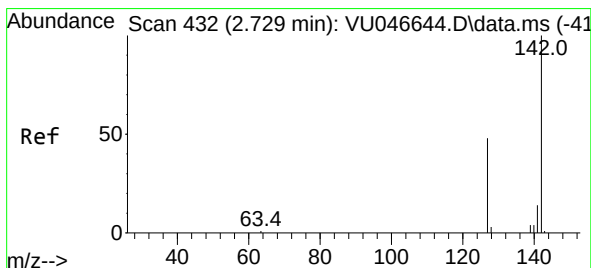
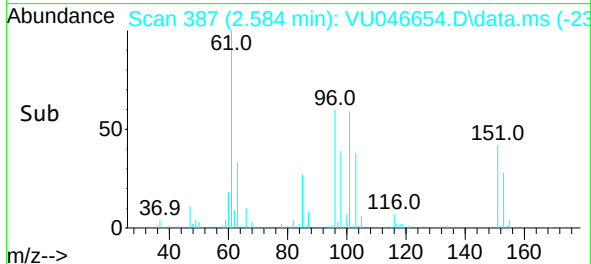
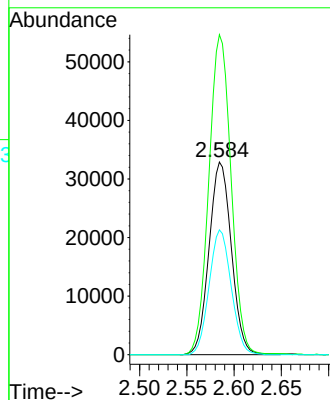
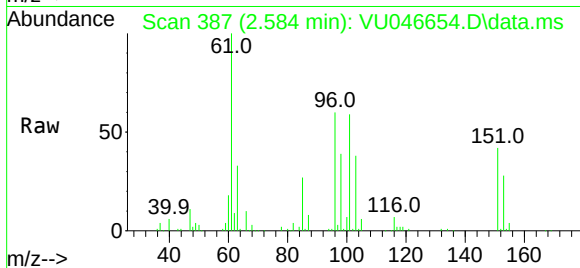
#9
1,1-Dichloroethene
Concen: 9.442 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

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

Tgt Ion: 96 Resp: 54079
Ion Ratio Lower Upper
96 100
61 166.2 0.0 514.2
98 64.8 0.0 126.4

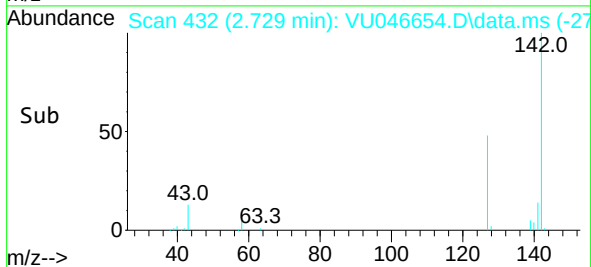
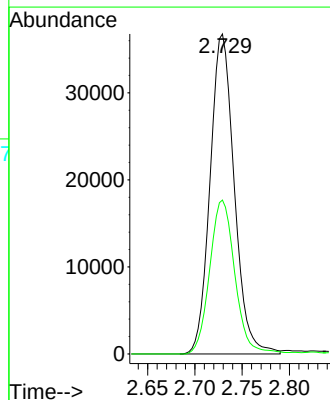
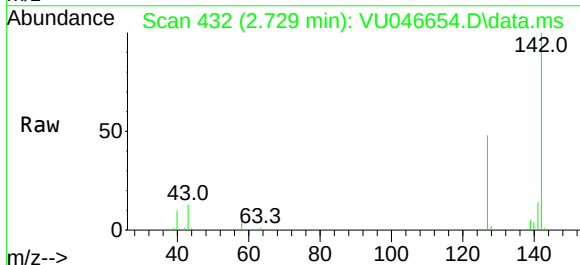
Manual Integrations
APPROVED

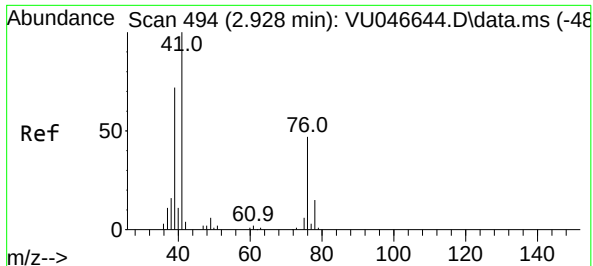
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#10
Iodomethane
Concen: 10.938 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

Tgt Ion:142 Resp: 65456
Ion Ratio Lower Upper
142 100
127 50.0 33.2 49.8#





#11

Allyl Chloride

Concen: 10.060 ug/l

RT: 2.928 min Scan# 494

Delta R.T. 0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MSD

Tgt Ion: 41 Resp: 7266

Ion Ratio Lower Upper

41 100

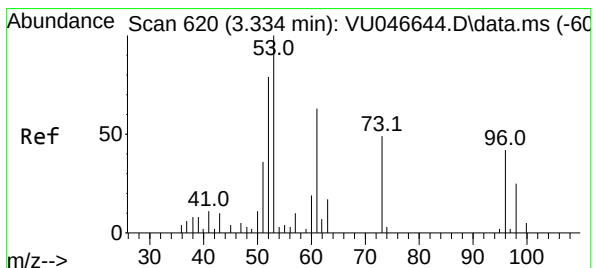
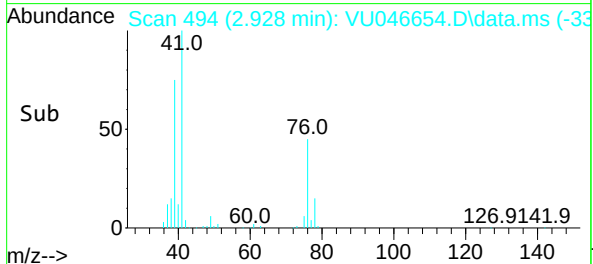
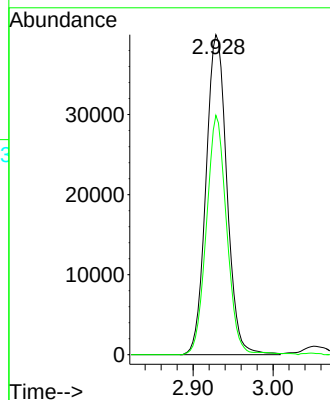
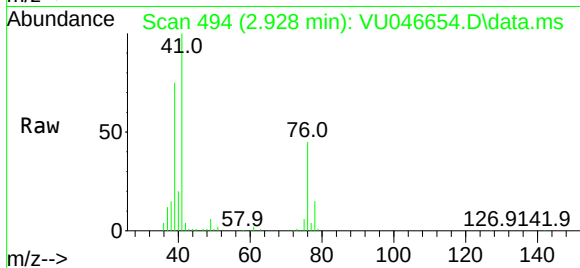
39 72.6 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#12

Acrylonitrile

Concen: 19.492 ug/l

RT: 3.337 min Scan# 621

Delta R.T. 0.003 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

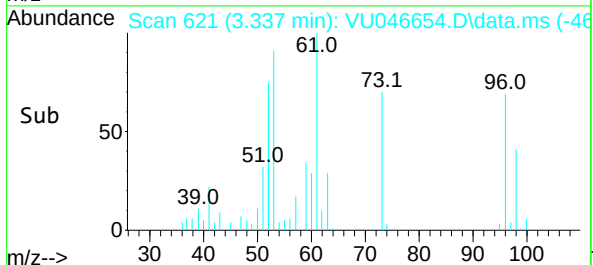
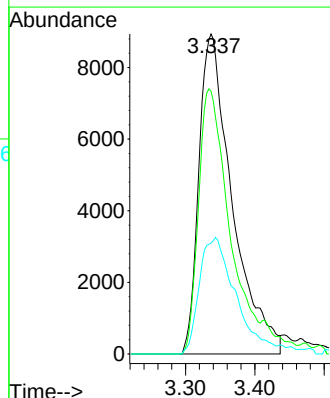
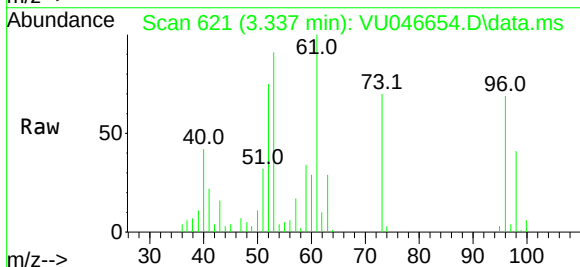
Tgt Ion: 53 Resp: 29796

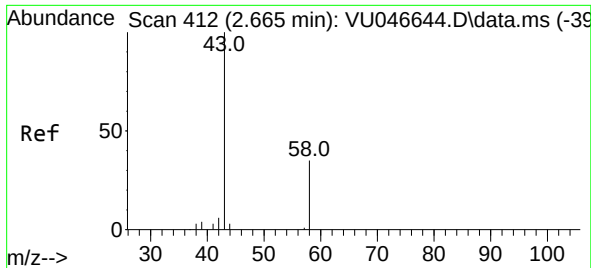
Ion Ratio Lower Upper

53 100

52 76.2 56.7 85.1

51 39.5 30.3 45.5





#13

Acetone

Concen: 42.364 ug/l

RT: 2.665 min Scan# 412

Delta R.T. -0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MSD

Tgt Ion: 43 Resp: 5828

Ion Ratio Lower Upper

43 100

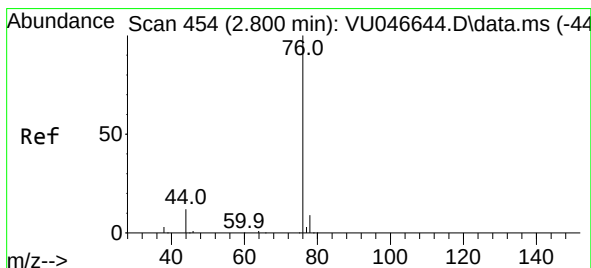
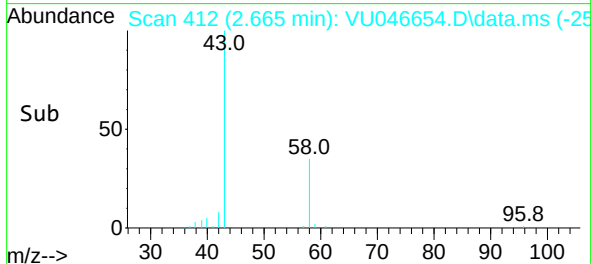
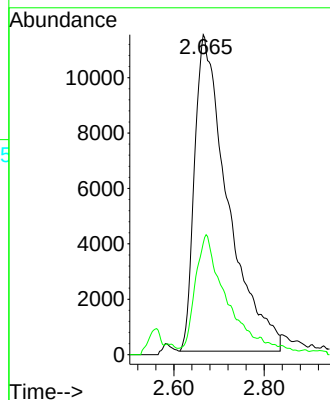
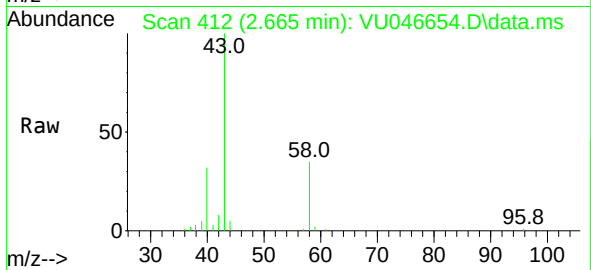
58 33.2 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#14

Carbon Disulfide

Concen: 9.187 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046654.D

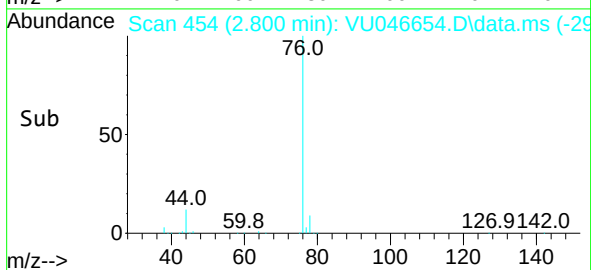
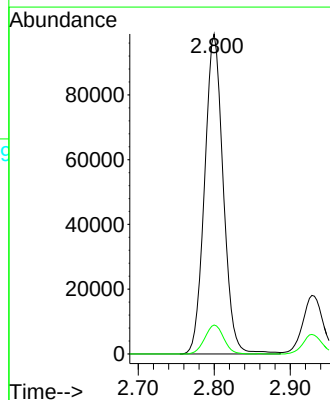
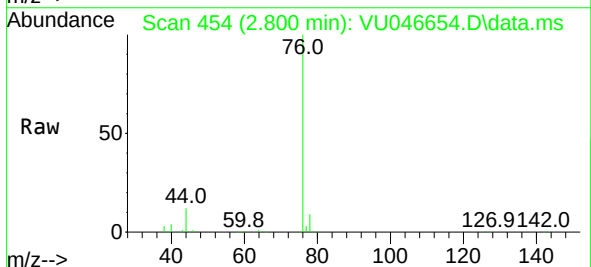
Acq: 30 Dec 2021 17:24

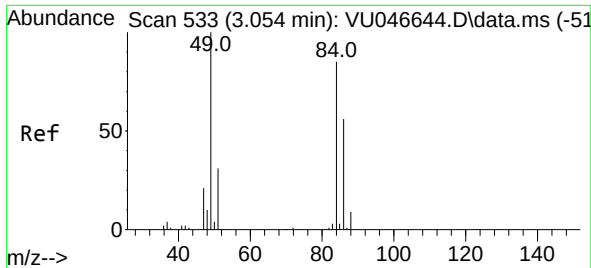
Tgt Ion: 76 Resp: 168158

Ion Ratio Lower Upper

76 100

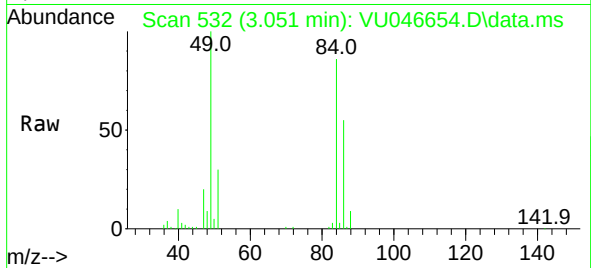
78 9.0 7.1 10.7





#15
Methylene Chloride
Concen: 9.913 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

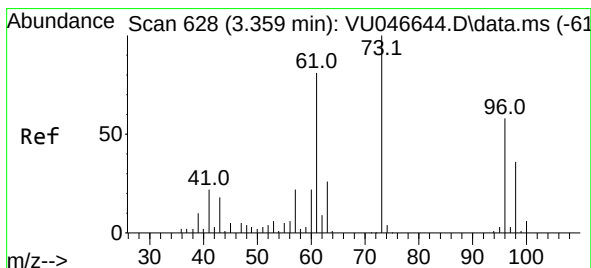
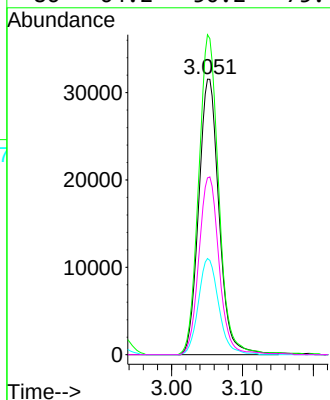
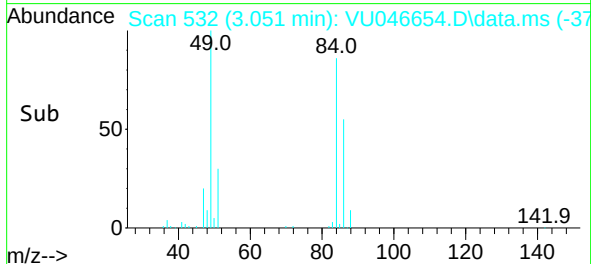
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



Tgt Ion: 84 Resp: 62830
Ion Ratio Lower Upper
84 100
49 116.1 97.2 145.8
51 34.9 0.0 73.4
86 64.2 50.2 75.4

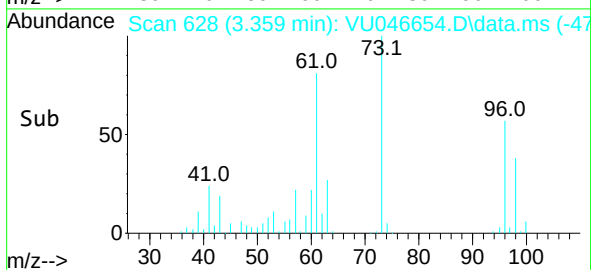
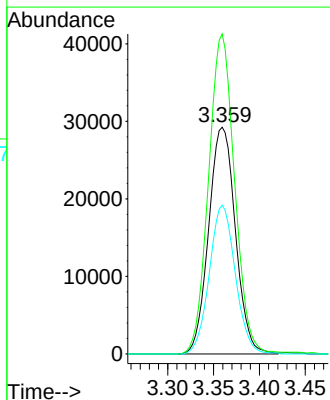
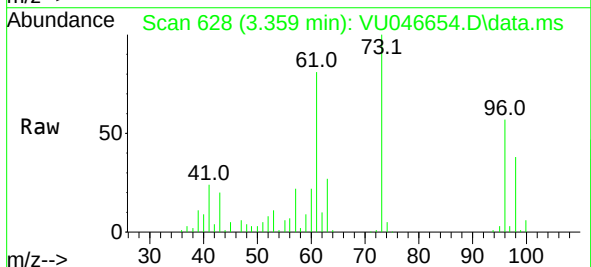
Manual Integrations
APPROVED

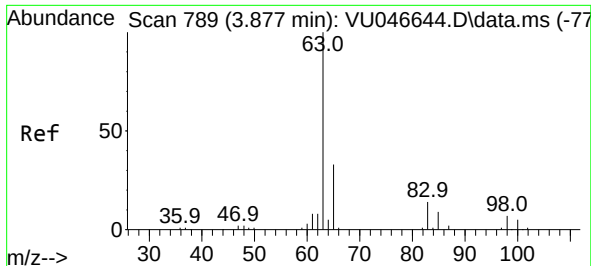
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#16
trans-1,2-Dichloroethene
Concen: 9.917 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

Tgt Ion: 96 Resp: 59338
Ion Ratio Lower Upper
96 100
61 141.1 115.8 173.6
98 65.7 51.1 76.7





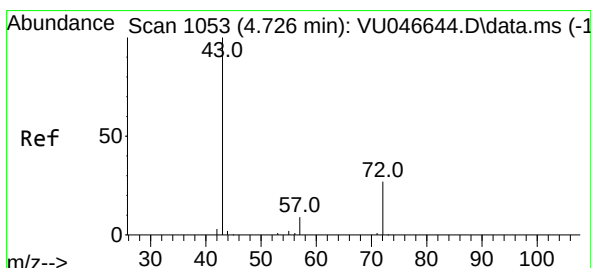
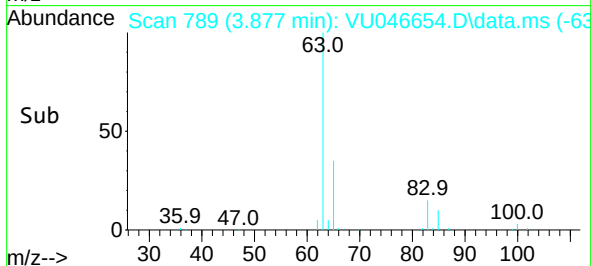
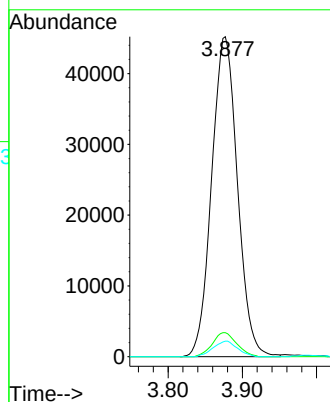
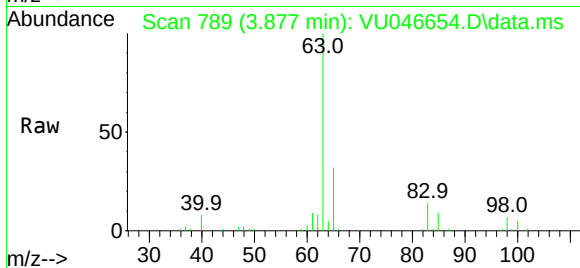
#17
1,1-Dichloroethane
Concen: 9.784 ug/l
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

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

Tgt Ion: 63 Resp: 109199
Ion Ratio Lower Upper
63 100
98 7.5 3.6 10.8
100 4.9 2.1 6.5

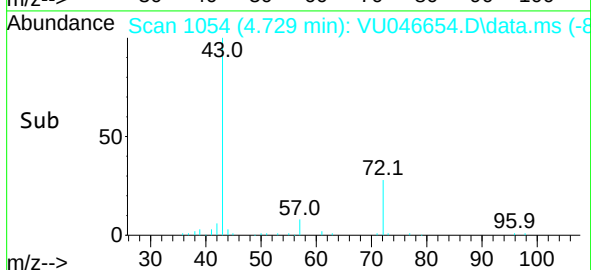
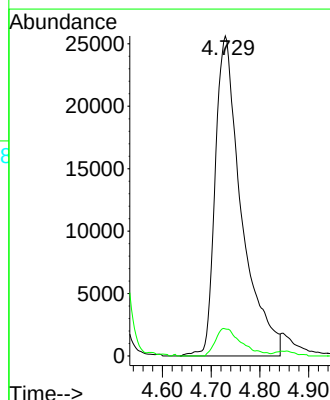
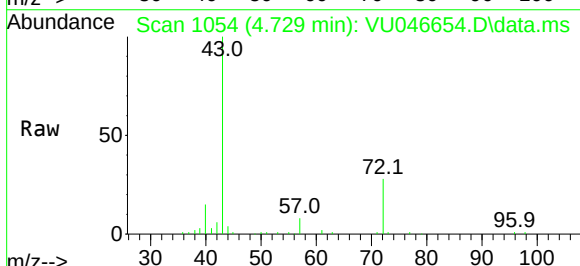
Manual Integrations
APPROVED

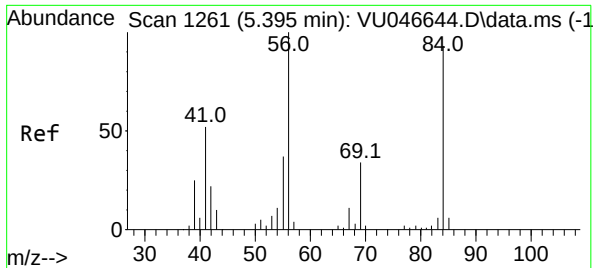
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#18
2-Butanone
Concen: 46.478 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.003 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

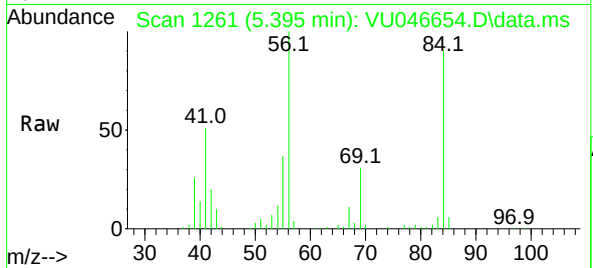
Tgt Ion: 43 Resp: 95555
Ion Ratio Lower Upper
43 100
57 8.4 0.0 16.6





#19
Cyclohexane
Concen: 10.832 ug/l
RT: 5.395 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

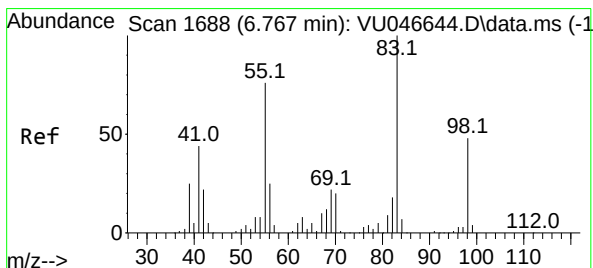
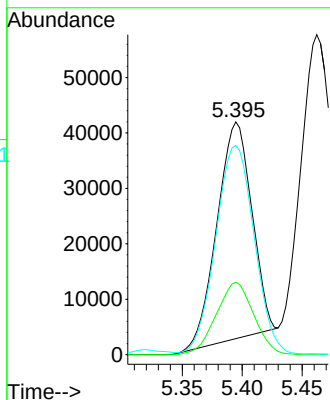
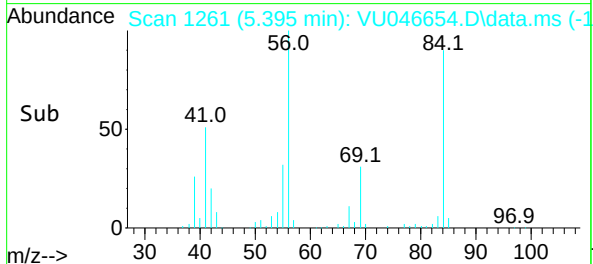
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



Tgt Ion: 56 Resp: 79190
Ion Ratio Lower Upper
56 100
69 35.8 24.7 37.1
84 105.1 68.8 103.2

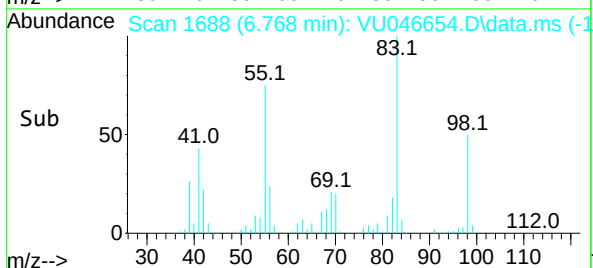
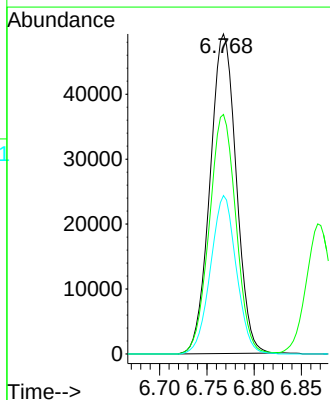
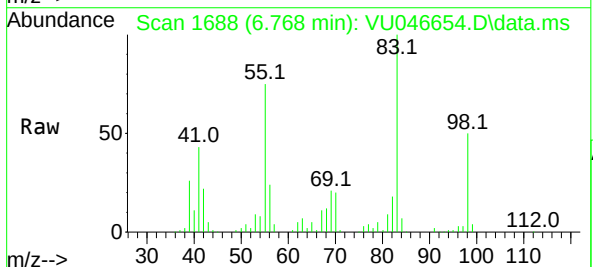
Manual Integrations
APPROVED

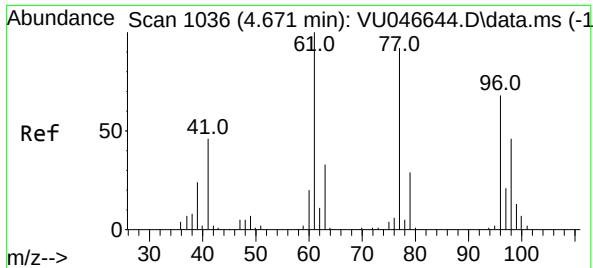
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#20
Methylcyclohexane
Concen: 10.975 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. 0.001 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

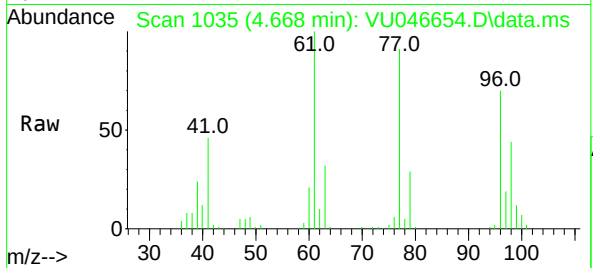
Tgt Ion: 83 Resp: 94789
Ion Ratio Lower Upper
83 100
55 75.8 61.9 92.9
98 48.8 37.4 56.2





#21
2,2-Dichloropropane
Concen: 9.701 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

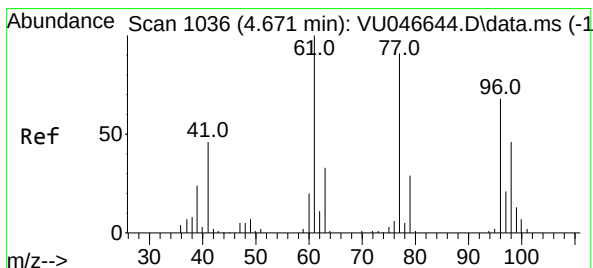
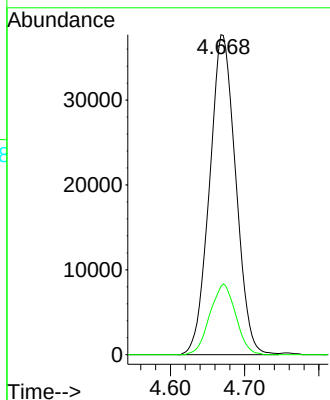
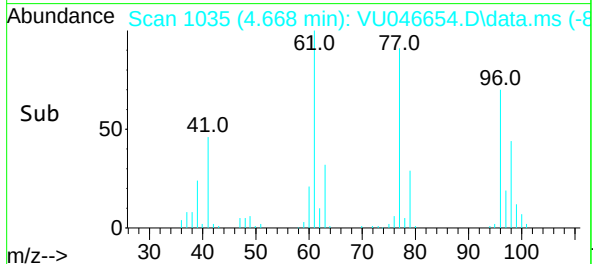
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



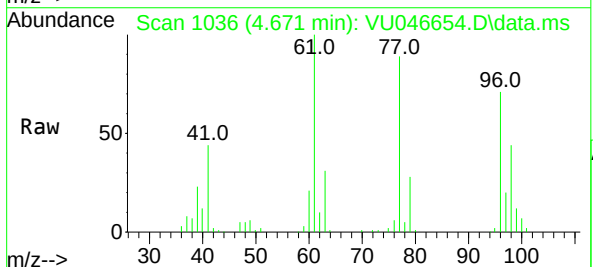
Tgt Ion: 77 Resp: 92299
Ion Ratio Lower Upper
77 100
97 21.8 17.2 25.8

Manual Integrations
APPROVED

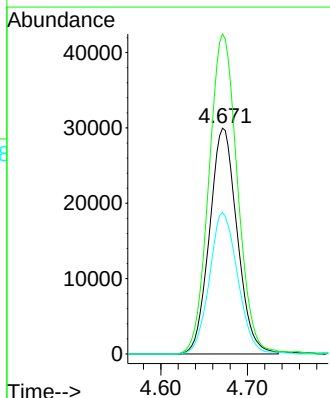
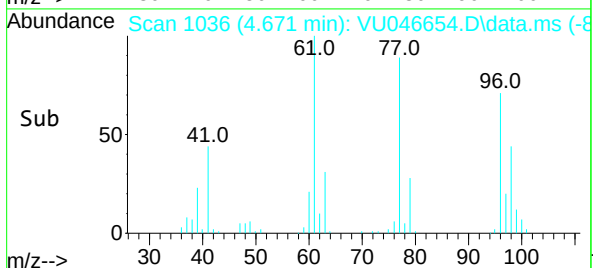
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

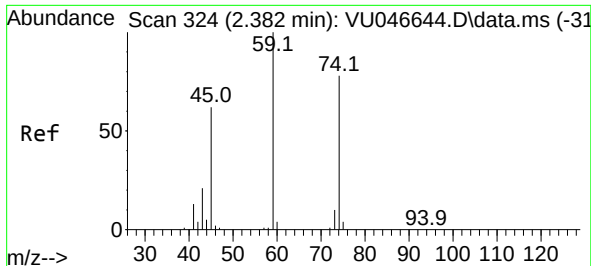


#22
cis-1,2-Dichloroethene
Concen: 10.389 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24



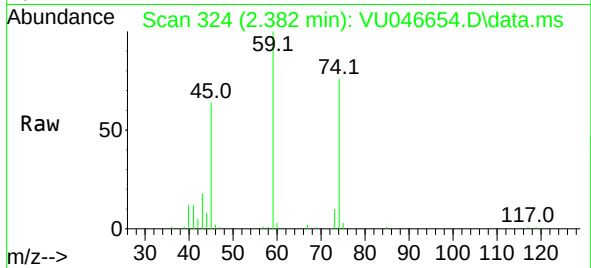
Tgt Ion: 96 Resp: 66527
Ion Ratio Lower Upper
96 100
61 146.3 0.0 385.3
98 64.1 32.1 96.3





#23
Diethyl Ether
Concen: 9.499 ug/l
RT: 2.382 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

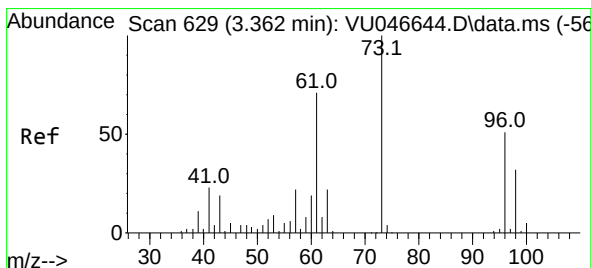
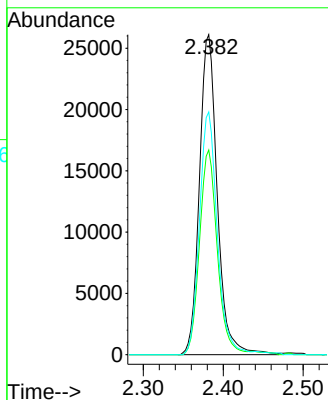
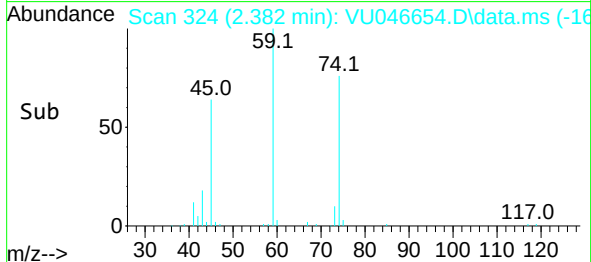
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



Tgt Ion: 59 Resp: 40629
Ion Ratio Lower Upper
59 100
45 63.7 55.6 83.4
74 75.7 58.1 87.1

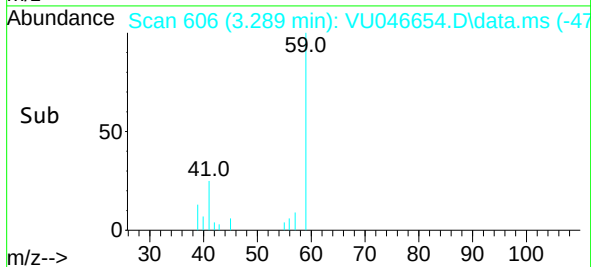
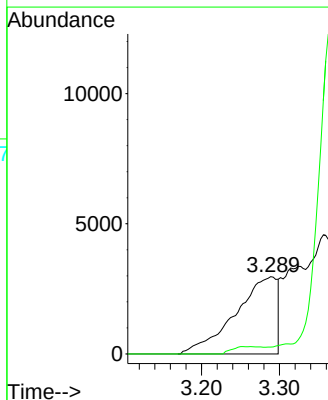
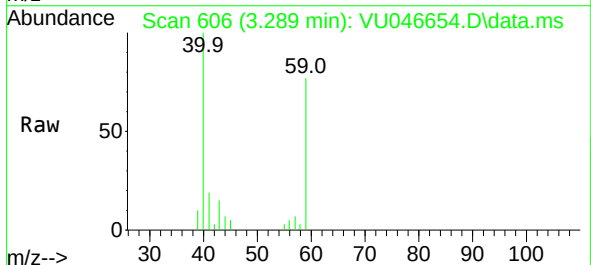
Manual Integrations
APPROVED

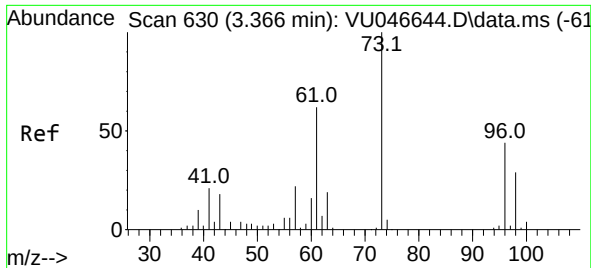
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#24
tert-Butyl Alcohol
Concen: 25.117 ug/l
RT: 3.289 min Scan# 606
Delta R.T. -0.073 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

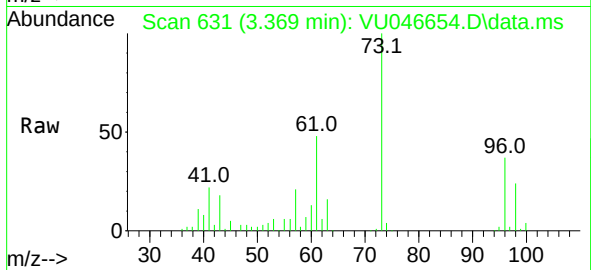
Tgt Ion: 59 Resp: 11127
Ion Ratio Lower Upper
59 100
57 274.8 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 10.578 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

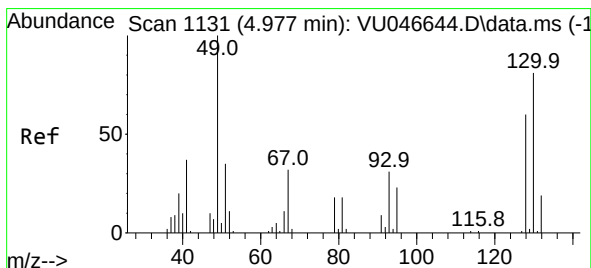
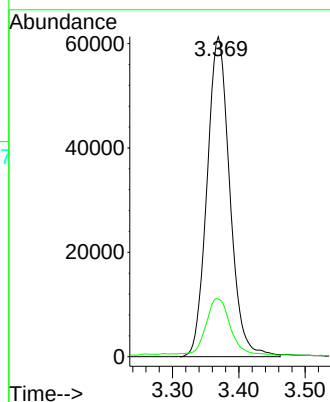
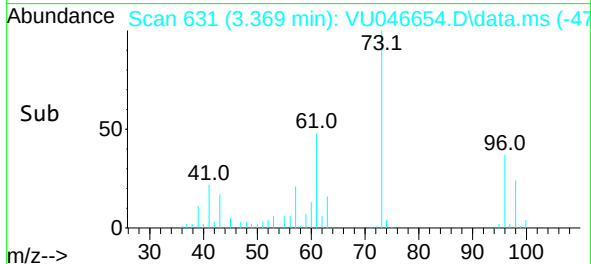
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



Tgt Ion: 73 Resp: 14644
Ion Ratio Lower Upper
73 100
43 18.9 16.3 24.5

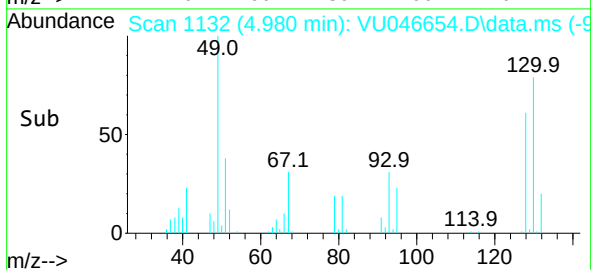
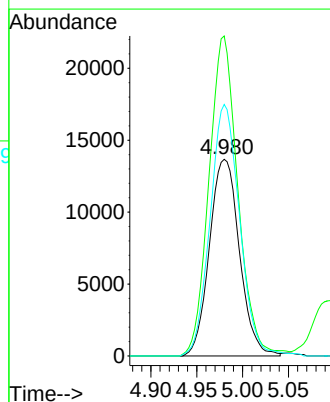
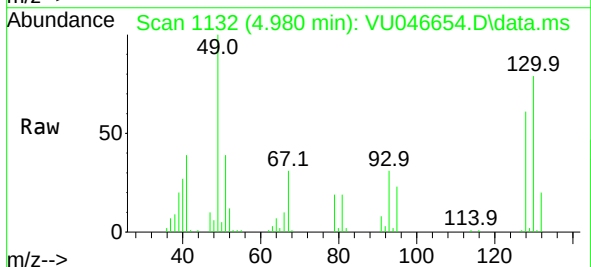
Manual Integrations
APPROVED

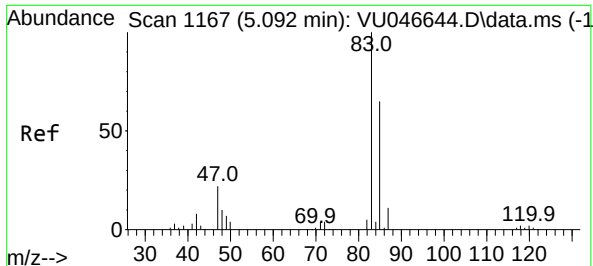
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#26
Bromochloromethane
Concen: 9.816 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

Tgt Ion:128 Resp: 31102
Ion Ratio Lower Upper
128 100
49 156.7 0.0 347.4
130 126.5 101.5 152.3





#27

Chloroform

Concen: 9.407 ug/l

RT: 5.096 min Scan# 11650

Delta R.T. 0.004 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MSD

Tgt Ion: 83 Resp: 11650

Ion Ratio Lower Upper

83 100

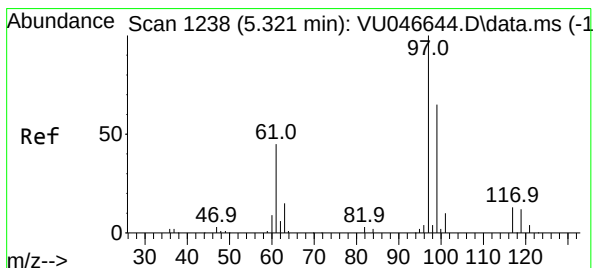
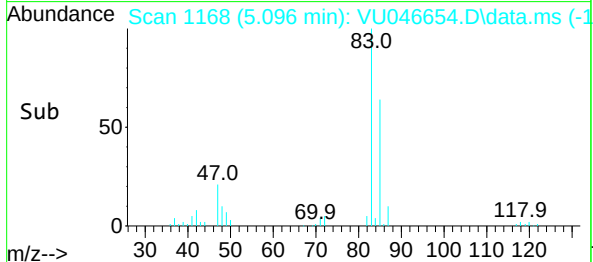
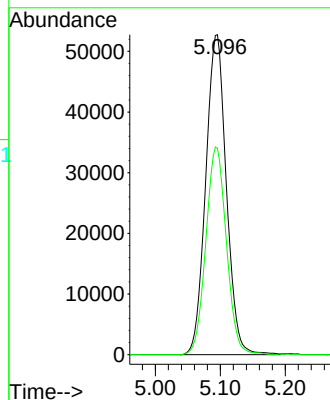
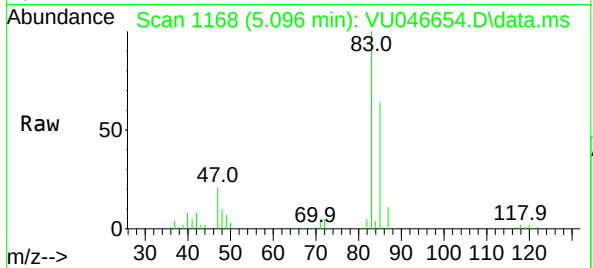
85 64.4 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#28

1,1,1-Trichloroethane

Concen: 9.800 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

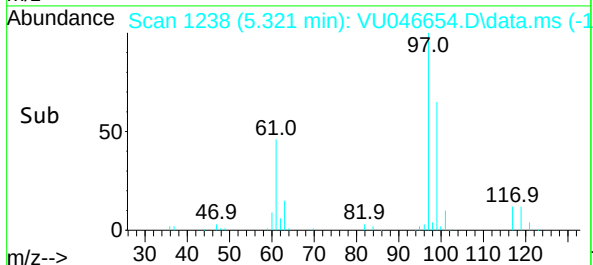
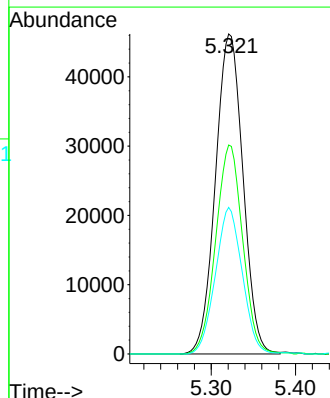
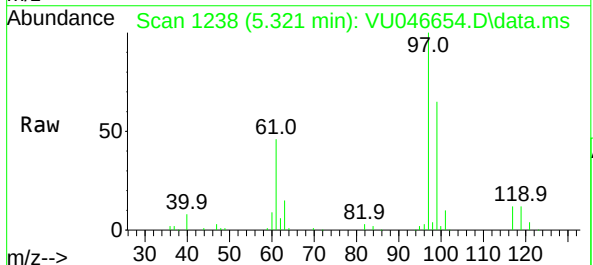
Tgt Ion: 97 Resp: 104722

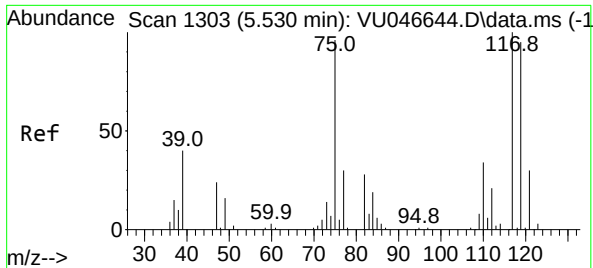
Ion Ratio Lower Upper

97 100

99 64.0 32.2 96.6

61 44.6 24.5 73.5





#29

1,1-Dichloropropene

Concen: 10.439 ug/l

RT: 5.530 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

Instrument :

MSVOA_U

ClientSampleId :

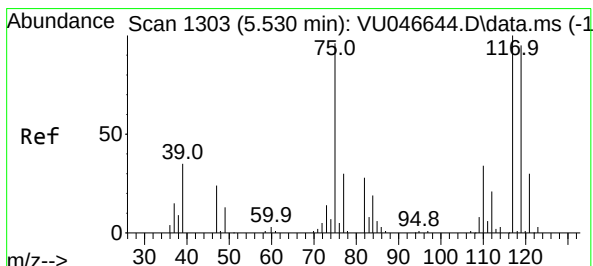
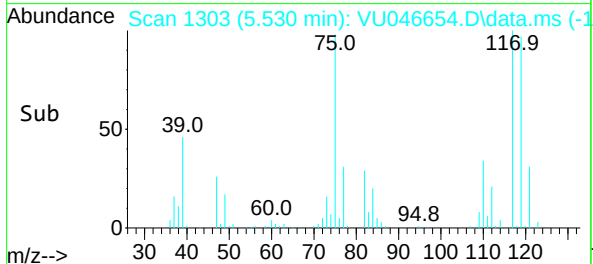
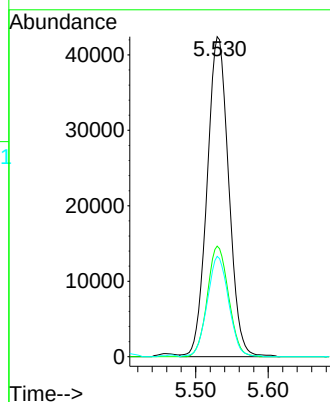
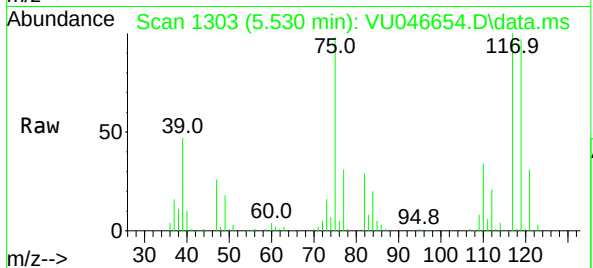
PW-B6-L10-122221MSD

Tgt Ion: 75	Resp: 8779
Ion Ratio	Lower Upper
75	100
110	34.0 16.8 50.3
77	31.1 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: 9.636 ug/l

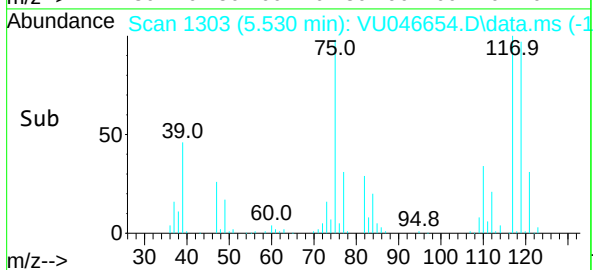
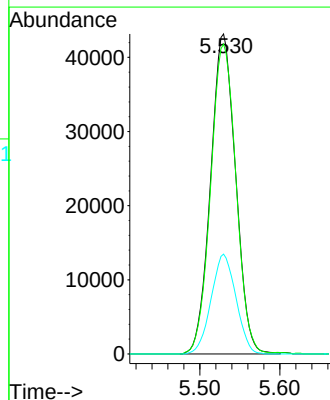
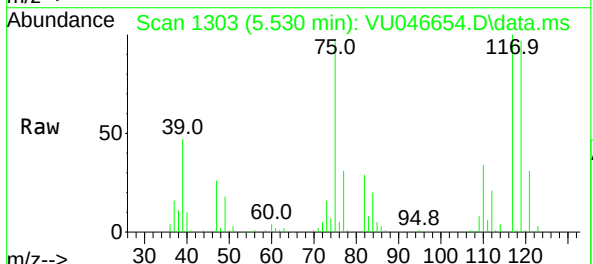
RT: 5.530 min Scan# 1303

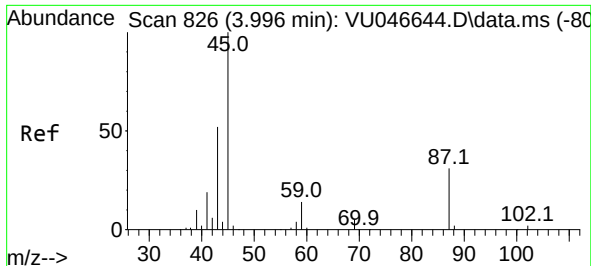
Delta R.T. -0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

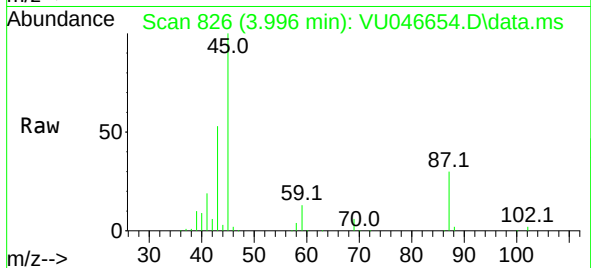
Tgt Ion: 117	Resp: 93940
Ion Ratio	Lower Upper
117	100
119	96.9 76.8 115.2
121	31.2 24.6 37.0





#31
Isopropyl Ether
Concen: 10.816 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

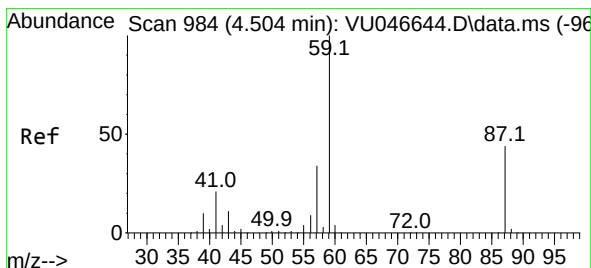
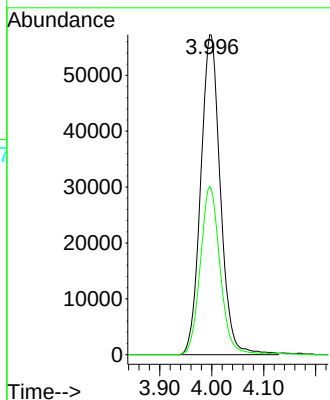
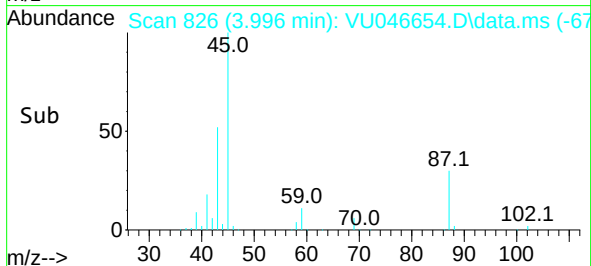
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



Tgt Ion: 45 Resp: 15029
Ion Ratio Lower Upper
45 100
43 52.7 25.3 75.8

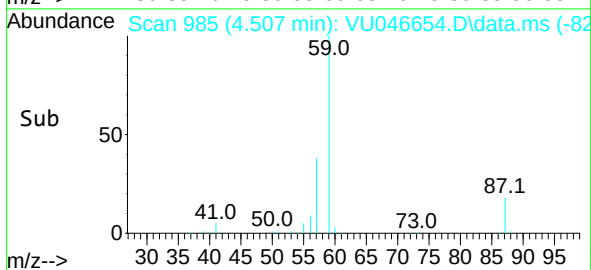
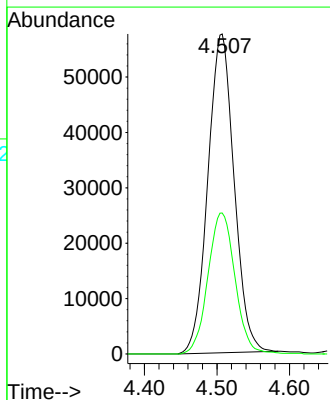
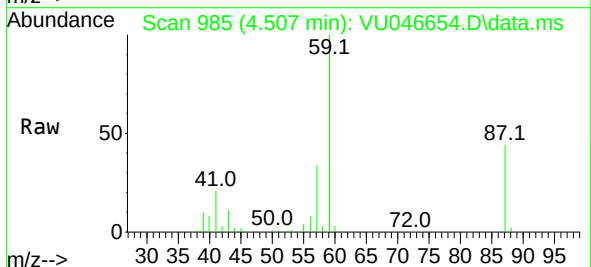
Manual Integrations
APPROVED

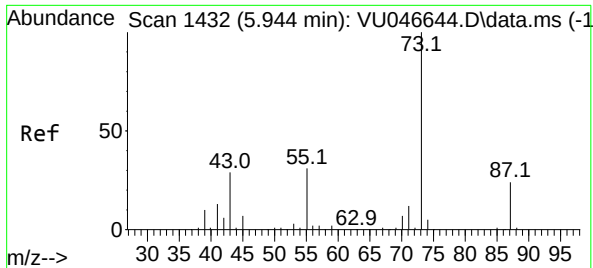
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#32
Ethyl-t-butyl ether
Concen: 10.529 ug/l
RT: 4.507 min Scan# 985
Delta R.T. 0.003 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

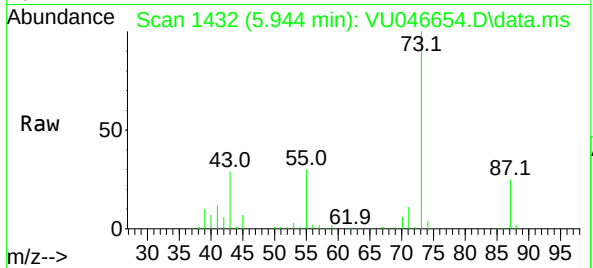
Tgt Ion: 59 Resp: 144625
Ion Ratio Lower Upper
59 100
87 45.4 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 10.950 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

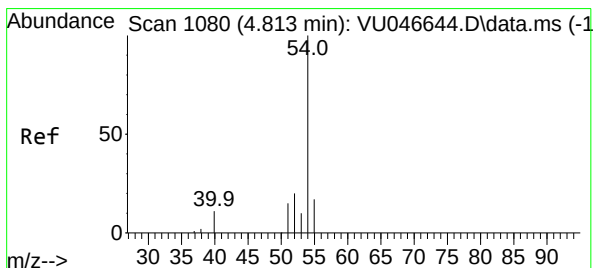
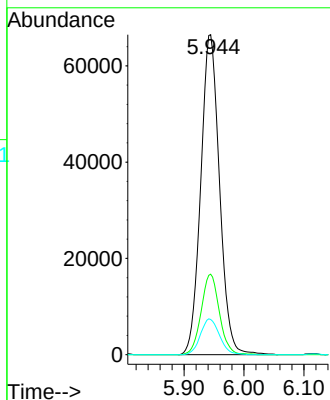
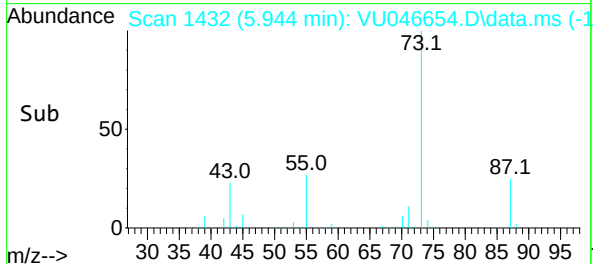
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



Tgt Ion: 73 Resp: 14494
Ion Ratio Lower Upper
73 100
87 24.5 18.6 28.0
71 11.4 9.0 13.6

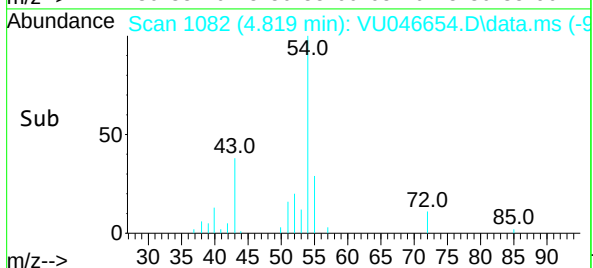
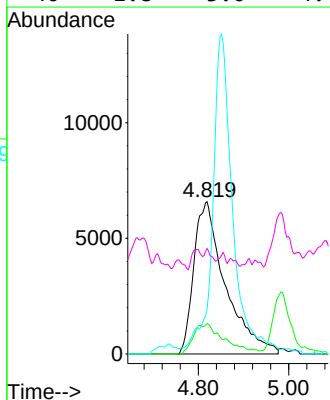
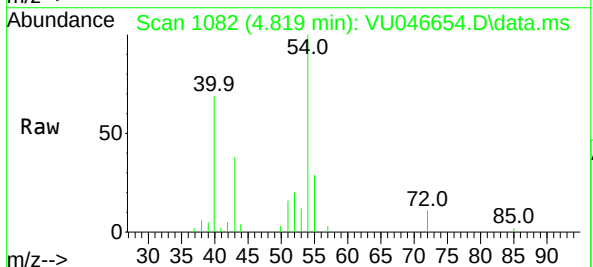
Manual Integrations
APPROVED

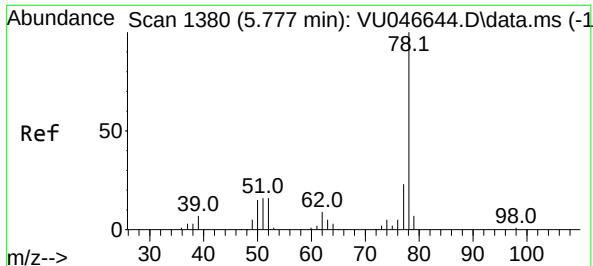
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#34
Propionitrile
Concen: 52.340 ug/l
RT: 4.819 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

Tgt Ion: 54 Resp: 31887
Ion Ratio Lower Upper
54 100
52 0.0 11.9 17.9#
55 0.0 8.0 12.0#
40 1.8 3.0 4.4#





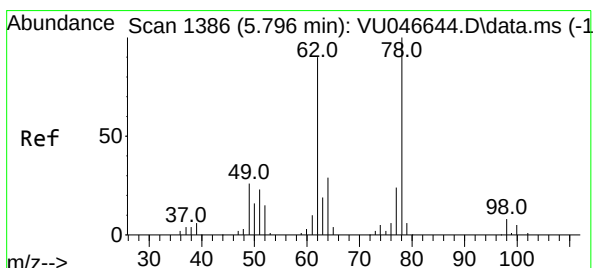
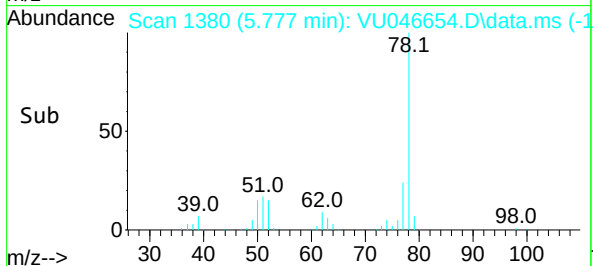
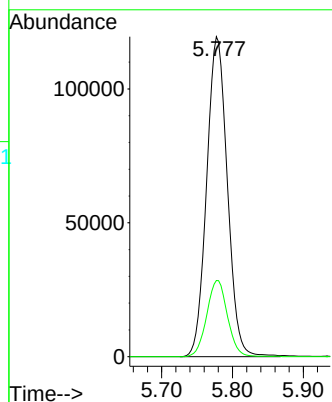
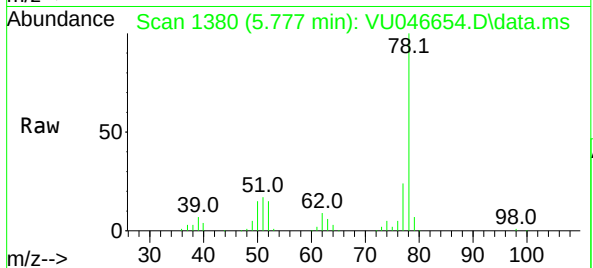
#35
Benzene
Concen: 10.077 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

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

Tgt Ion: 78 Resp: 242144
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

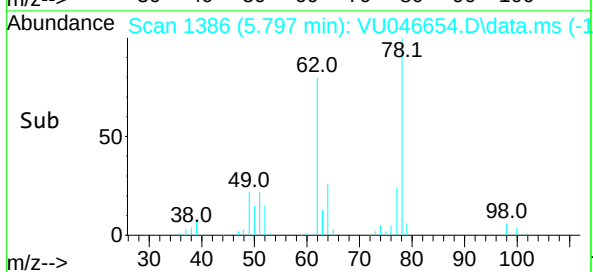
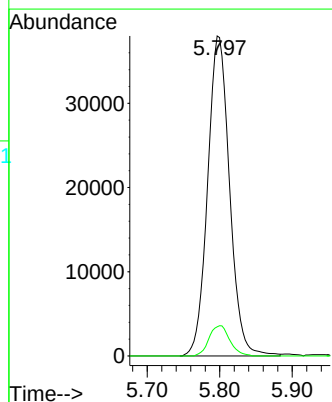
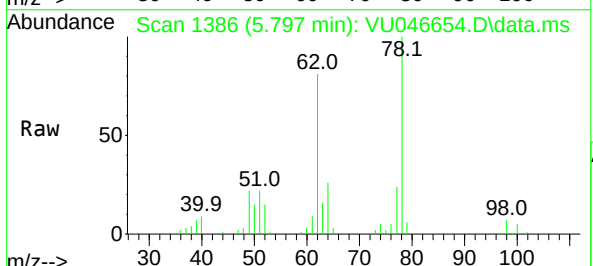
Manual Integrations
APPROVED

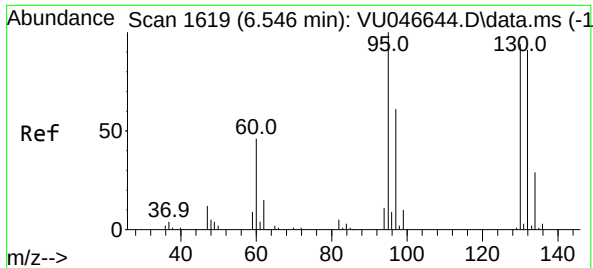
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#36
1,2-Dichloroethane
Concen: 9.709 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.001 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

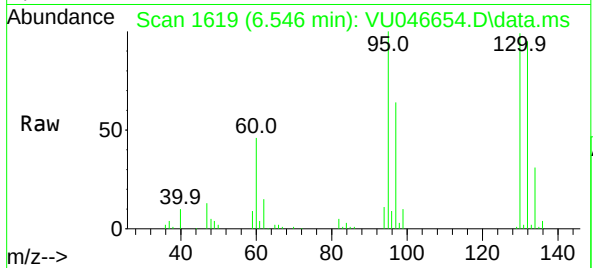
Tgt Ion: 62 Resp: 80005
Ion Ratio Lower Upper
62 100
98 8.9 7.3 10.9





#37
Trichloroethene
Concen: 10.485 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

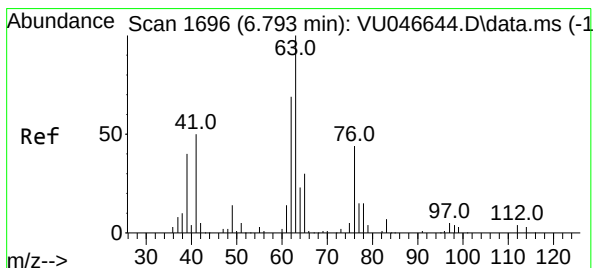
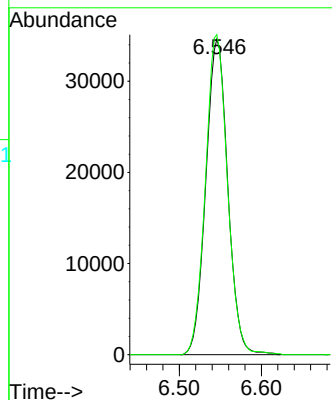
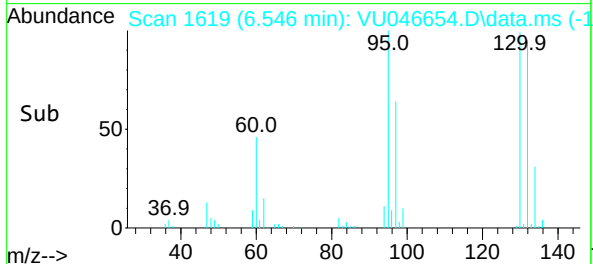
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



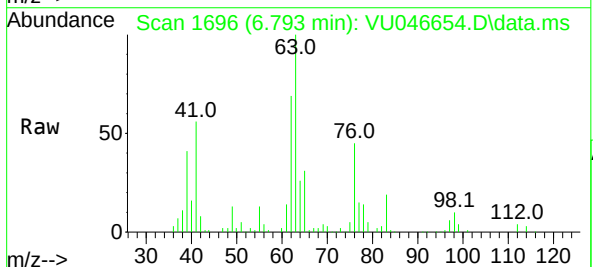
Tgt Ion:130 Resp: 6436
Ion Ratio Lower Upper
130 100
95 101.4 83.8 125.8

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APPROVED

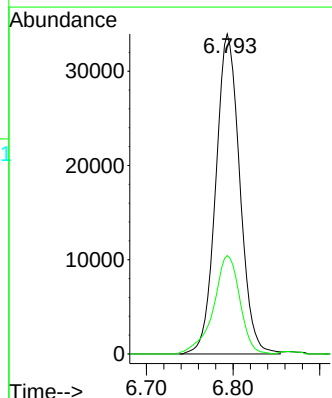
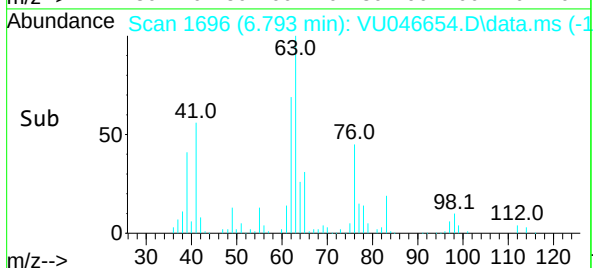
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

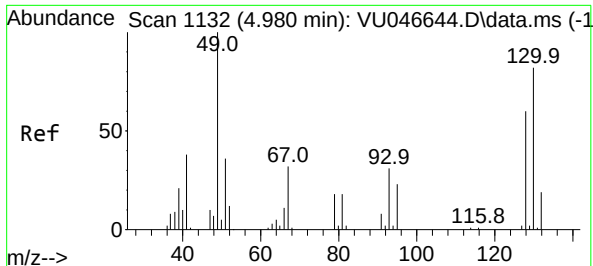


#38
1,2-Dichloropropane
Concen: 10.278 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24



Tgt Ion: 63 Resp: 65380
Ion Ratio Lower Upper
63 100
65 30.3 24.7 37.1





#39

Methacrylonitrile

Concen: 10.420 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

Instrument :

MSVOA_U

ClientSampleId :

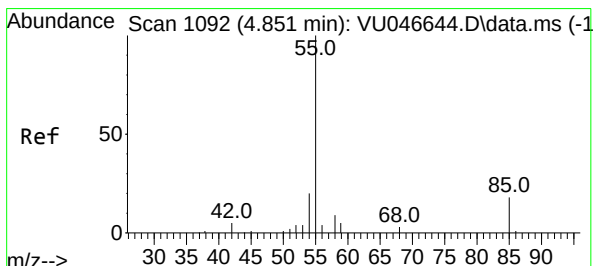
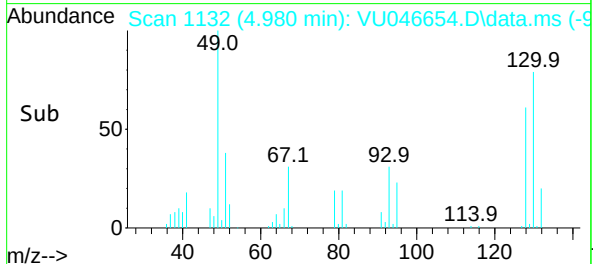
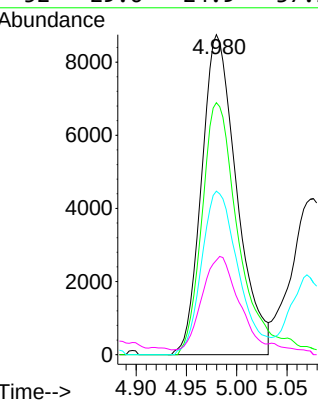
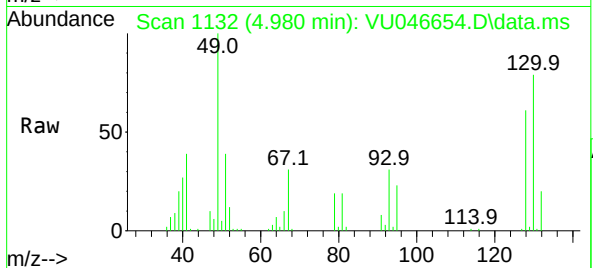
PW-B6-L10-122221MSD

Tgt Ion: 41	Resp: 2126
Ion Ratio	Lower Upper
41 100	
67 83.5	65.2 97.8
39 53.5	43.0 64.6
52 29.6	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: 10.773 ug/l

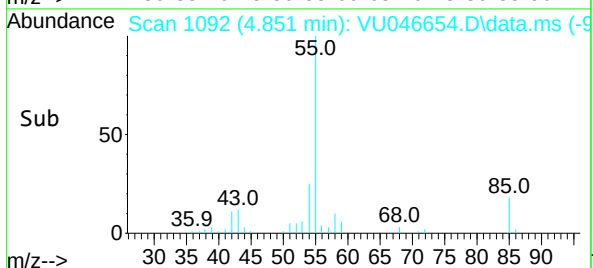
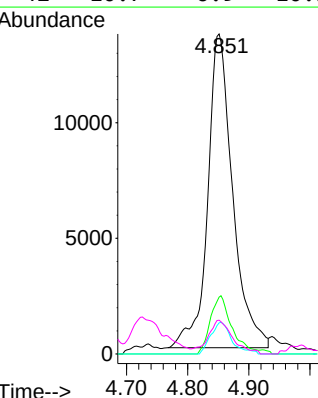
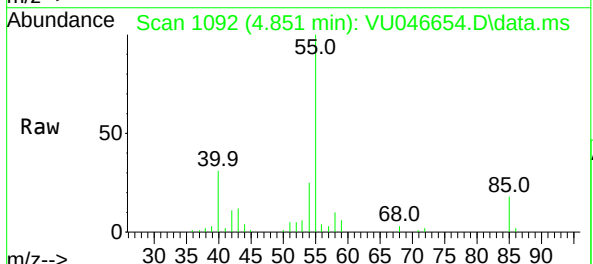
RT: 4.851 min Scan# 1092

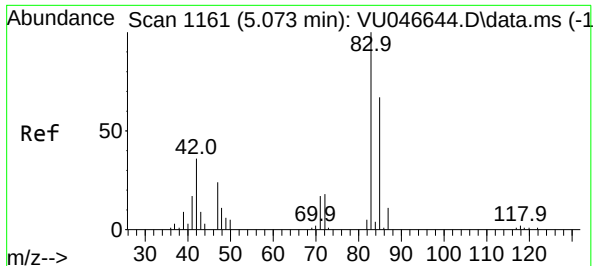
Delta R.T. 0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

Tgt Ion: 55	Resp: 38539
Ion Ratio	Lower Upper
55 100	
85 15.9	12.2 18.2
58 8.5	6.7 10.1
42 10.7	6.9 10.3





#41

Tetrahydrofuran

Concen: 22.646 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. 0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

Instrument :

MSVOA_U

ClientSampleId :

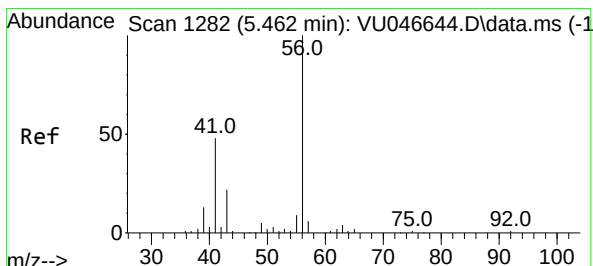
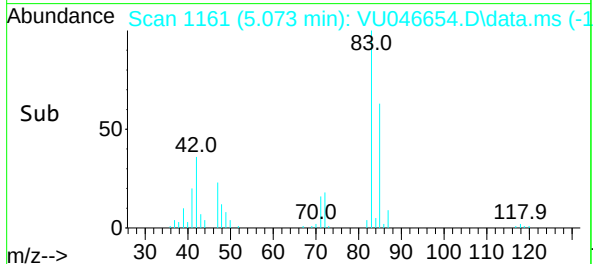
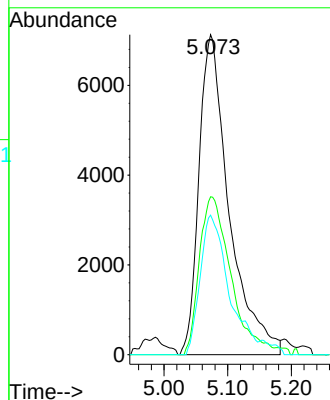
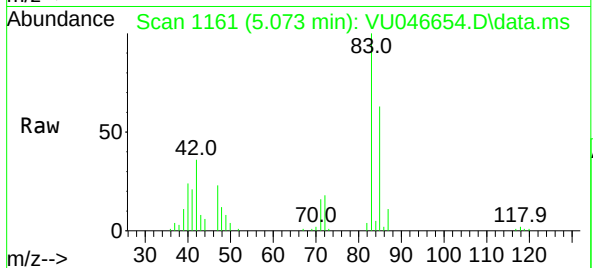
PW-B6-L10-122221MSD

Tgt Ion:	42	Resp:	2345
Ion Ratio	Lower	Upper	
42	100		
72	51.6	42.4	63.6
71	41.3	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: 10.417 ug/l

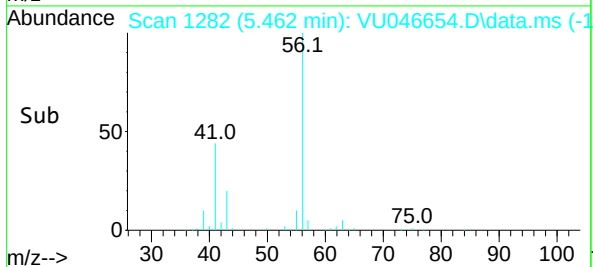
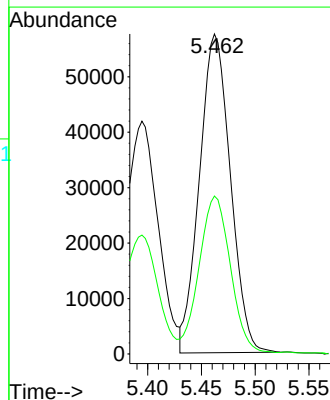
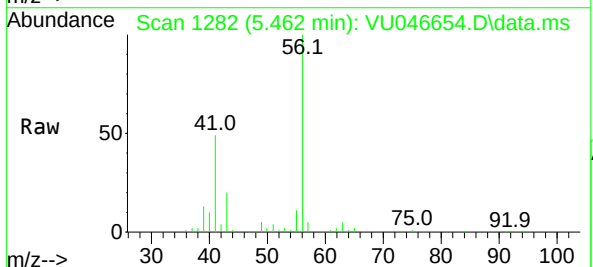
RT: 5.462 min Scan# 1282

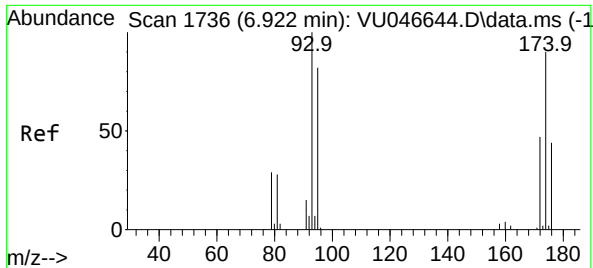
Delta R.T. 0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

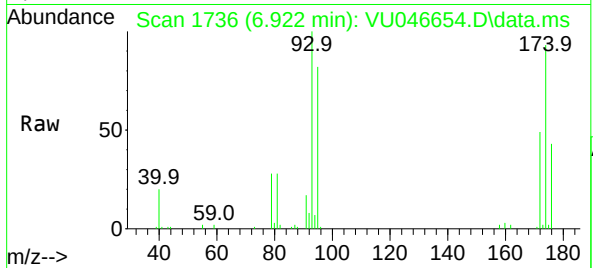
Tgt Ion:	56	Resp:	115074
Ion Ratio	Lower	Upper	
56	100		
41	50.0	26.0	78.0





#43
Dibromomethane
Concen: 9.683 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

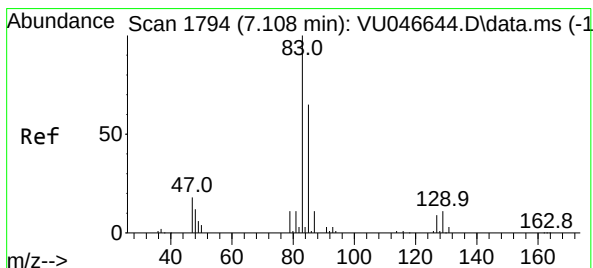
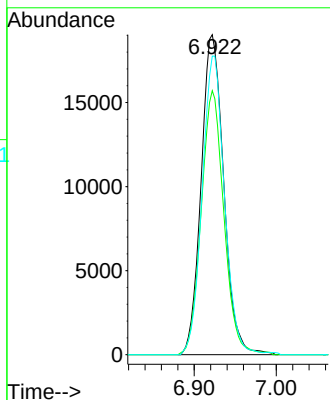
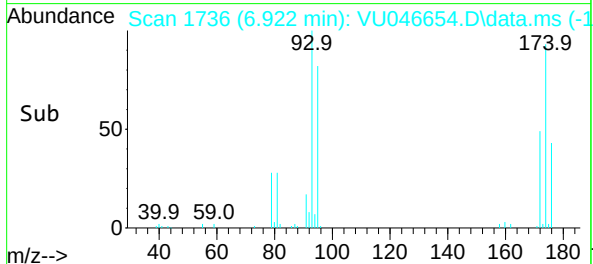
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-122221MSD



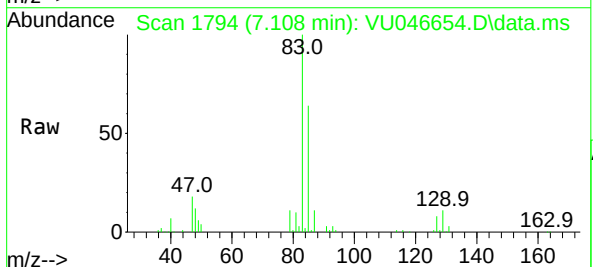
Tgt Ion: 93 Resp: 36459
Ion Ratio Lower Upper
93 100
95 82.5 66.2 99.2
174 92.1 70.7 106.1

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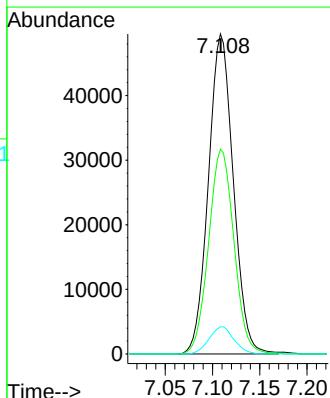
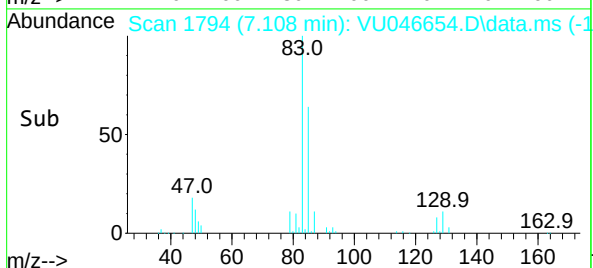
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

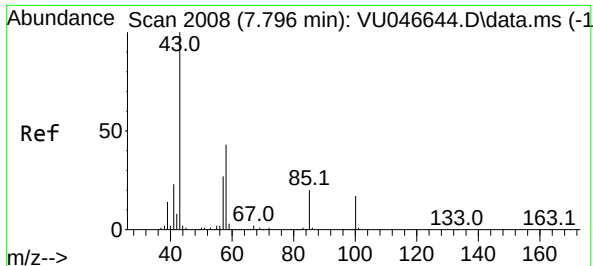


#44
Bromodichloromethane
Concen: 9.691 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24



Tgt Ion: 83 Resp: 90817
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 8.5 6.0 9.0





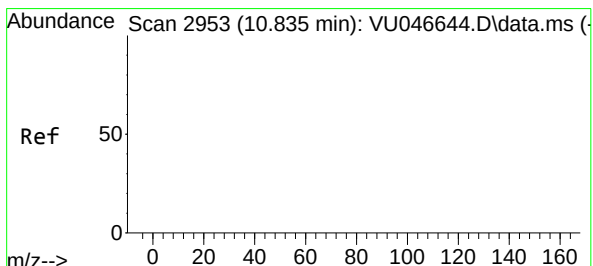
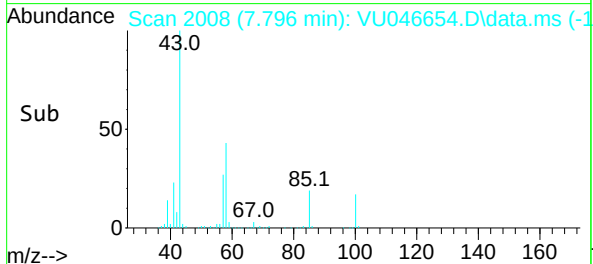
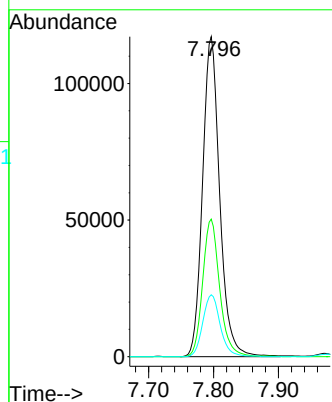
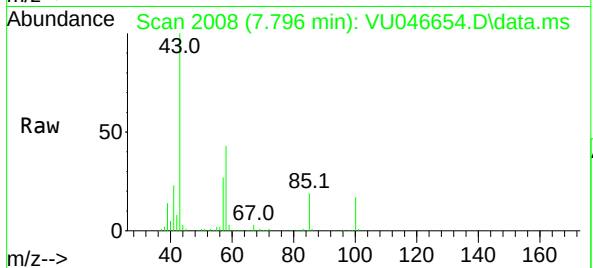
#45
4-Methyl-2-Pentanone
Concen: 53.536 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

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

Tgt Ion: 43 Resp: 21557
Ion Ratio Lower Upper
43 100
58 42.6 21.0 63.0
85 19.7 14.8 22.2

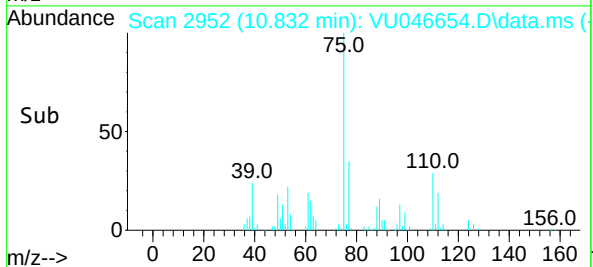
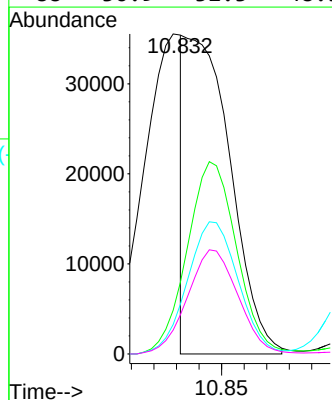
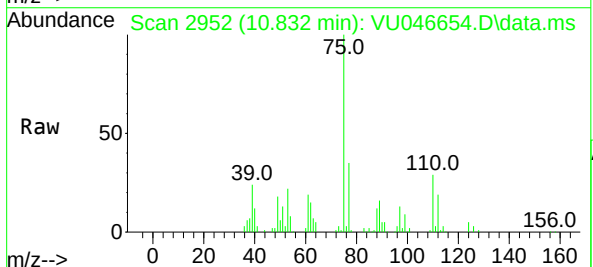
Manual Integrations
APPROVED

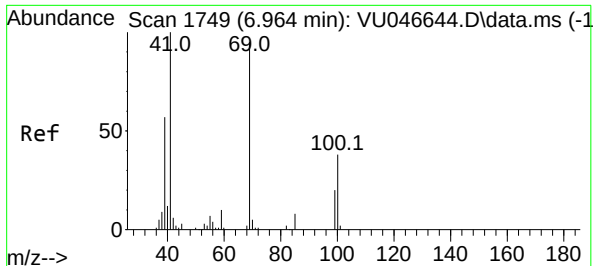
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#46
t-1,4-Dichloro-2-butene
Concen: 22.574 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

Tgt Ion: 75 Resp: 48990
Ion Ratio Lower Upper
75 100
53 66.8 66.8 100.2
89 46.9 41.7 62.5
88 36.9 32.3 48.5





#47

Methyl methacrylate

Concen: 22.143 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MSD

Tgt Ion: 69 Resp: 67810

Ion Ratio Lower Upper

69 100

41 104.3 0.0 230.0

39 59.8 55.1 82.7

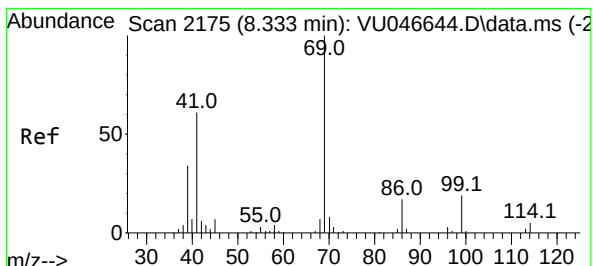
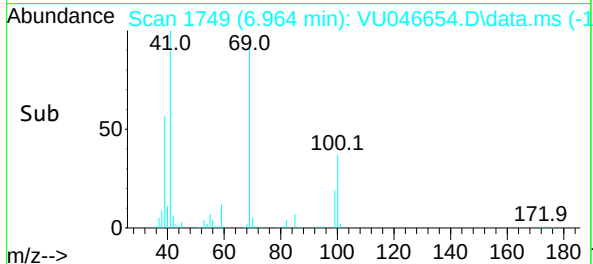
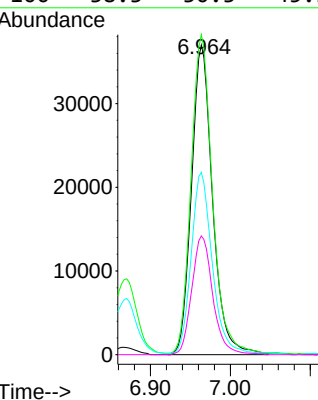
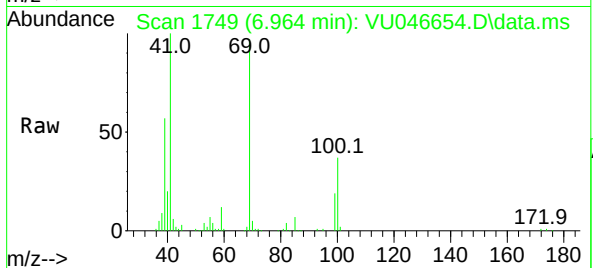
100 38.3 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#48

Ethyl methacrylate

Concen: 11.217 ug/l

RT: 8.337 min Scan# 2176

Delta R.T. 0.004 min

Lab File: VU046654.D

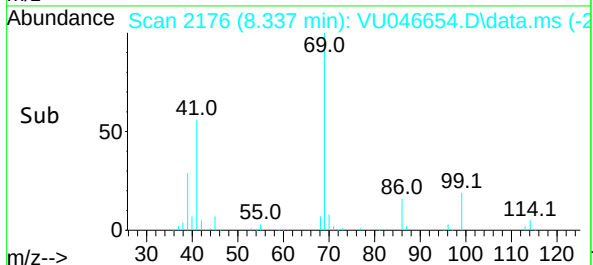
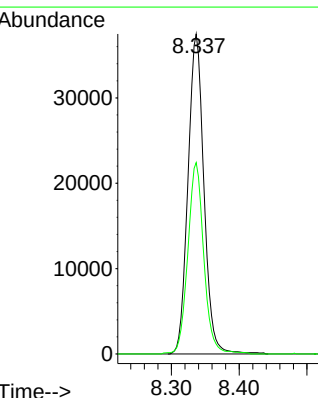
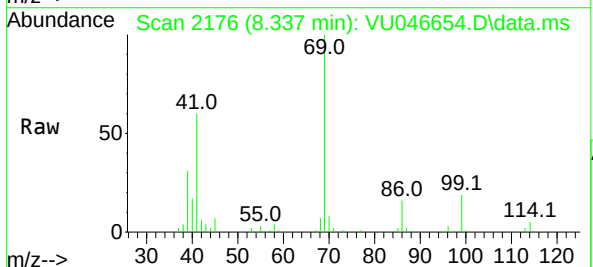
Acq: 30 Dec 2021 17:24

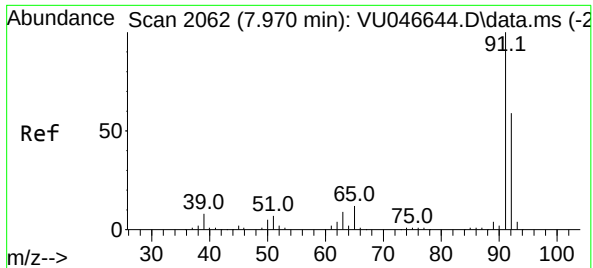
Tgt Ion: 69 Resp: 61233

Ion Ratio Lower Upper

69 100

41 60.1 32.6 98.0





#49

Toluene

Concen: 10.961 ug/l

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MSD

Tgt Ion: 92 Resp: 154114

Ion Ratio Lower Upper

92 100

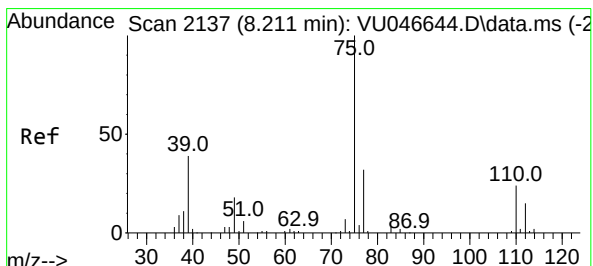
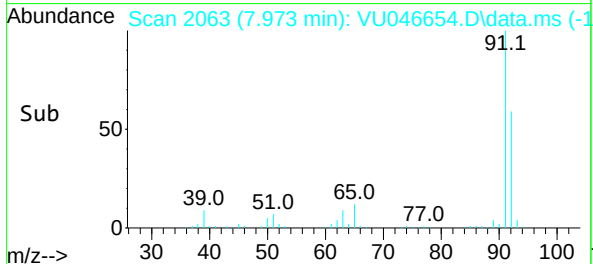
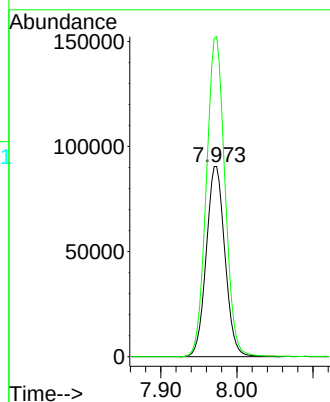
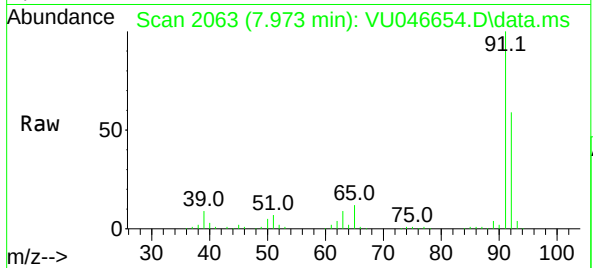
91 167.2 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#50

t-1,3-Dichloropropene

Concen: 10.472 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU046654.D

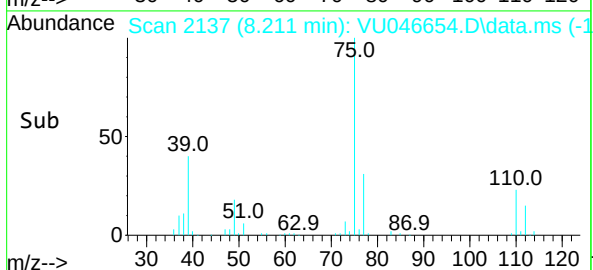
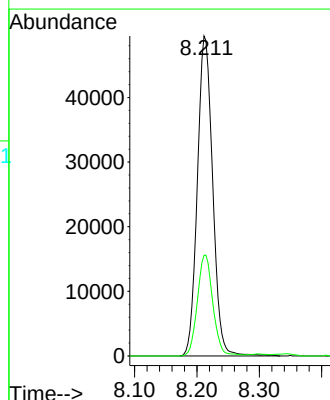
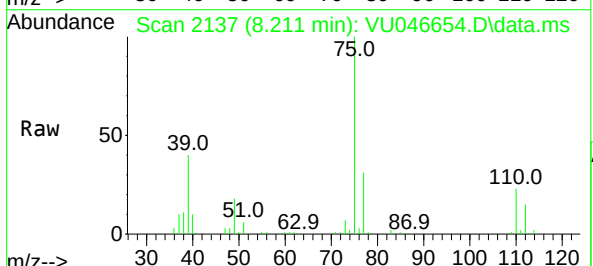
Acq: 30 Dec 2021 17:24

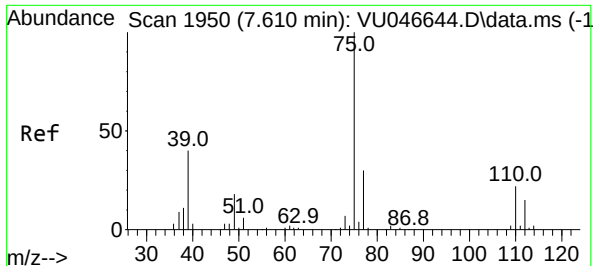
Tgt Ion: 75 Resp: 84527

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4





#51

cis-1,3-Dichloropropene

Concen: 10.340 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

Instrument :

MSVOA_U

ClientSampleId :

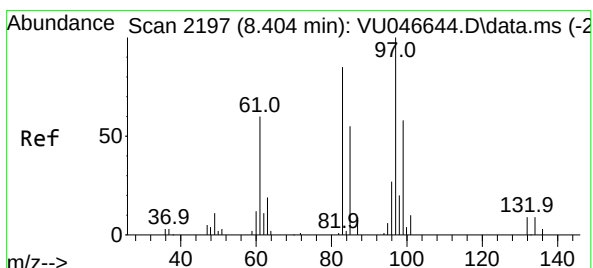
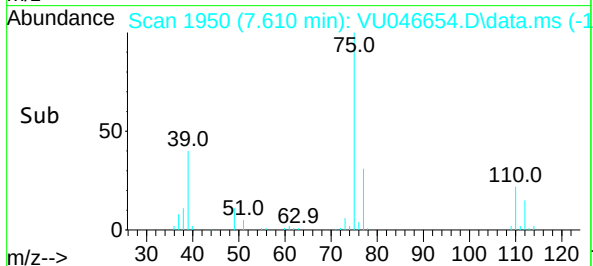
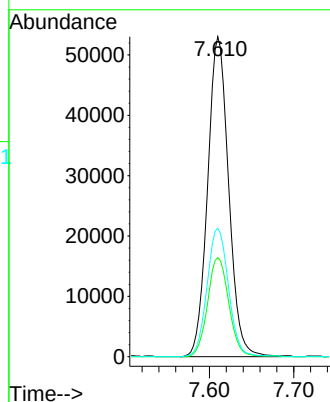
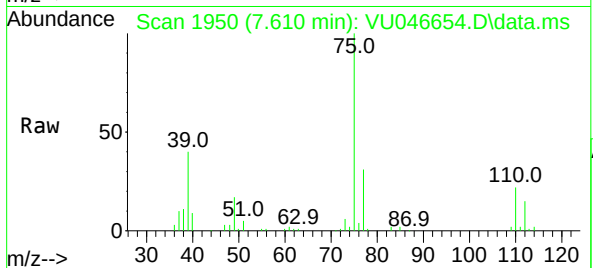
PW-B6-L10-122221MSD

Tgt Ion:	75	Resp:	91904
Ion Ratio	Lower	Upper	
75	100		
77	30.9	25.2	37.8
39	40.2	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: 9.660 ug/l

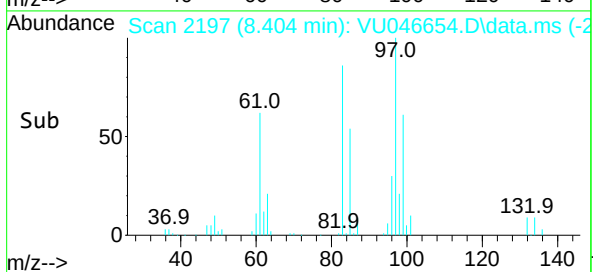
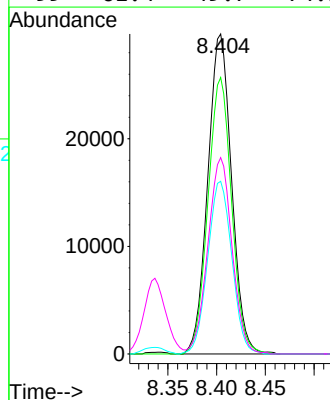
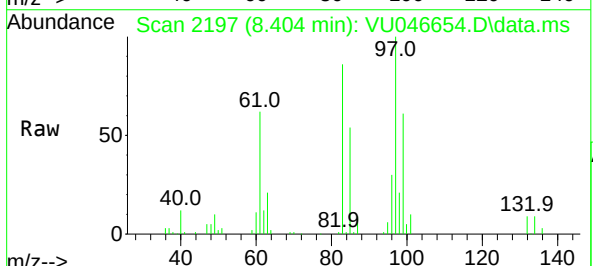
RT: 8.404 min Scan# 2197

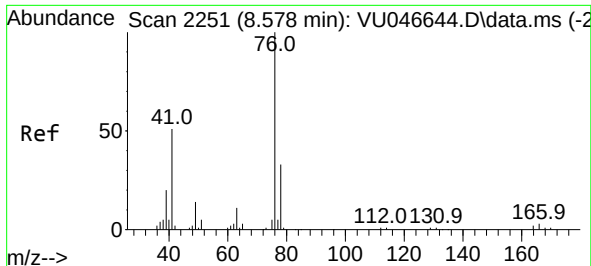
Delta R.T. 0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

Tgt Ion:	97	Resp:	50577
Ion Ratio	Lower	Upper	
97	100		
83	86.4	69.8	104.8
85	53.9	44.2	66.4
99	61.4	49.7	74.5





#53

1,3-Dichloropropane

Concen: 9.892 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. -0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MSD

Tgt Ion: 76 Resp: 8844

Ion Ratio Lower Upper

76 100

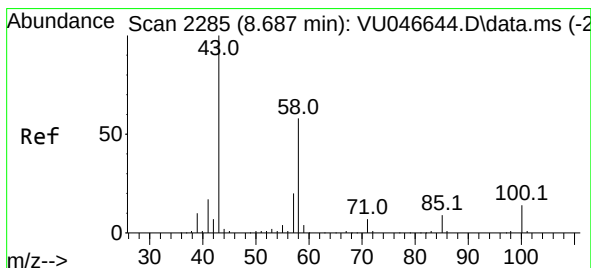
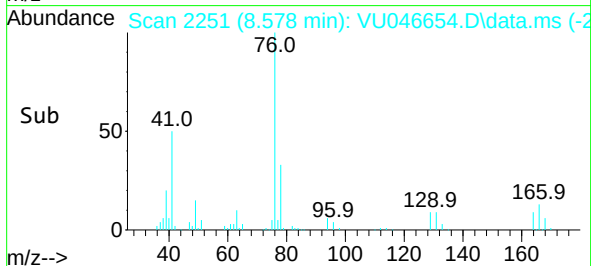
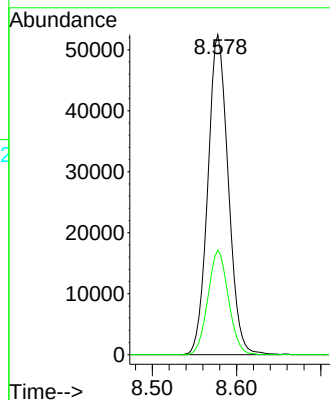
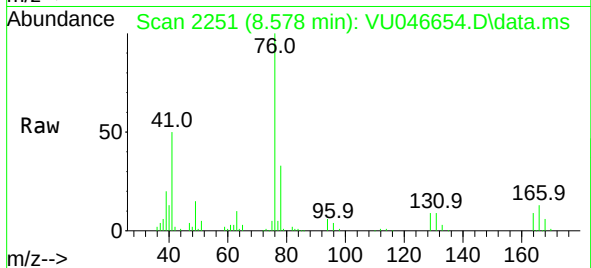
78 32.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#54

2-Hexanone

Concen: 53.638 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

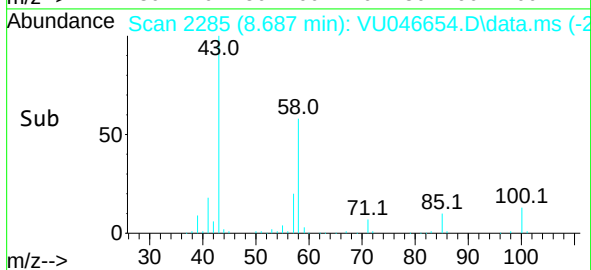
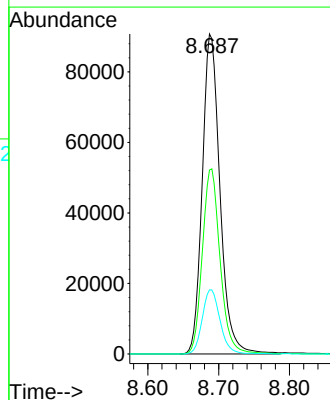
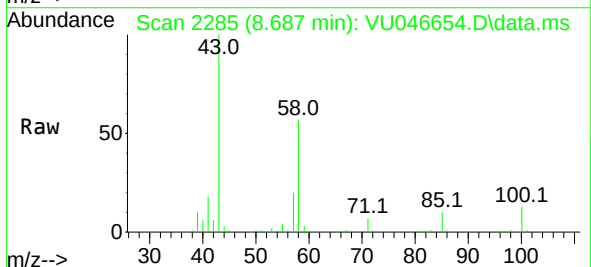
Tgt Ion: 43 Resp: 157830

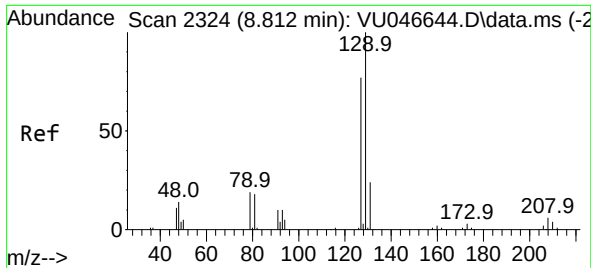
Ion Ratio Lower Upper

43 100

58 57.9 37.7 77.7

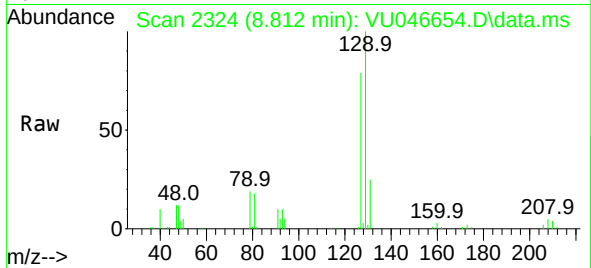
57 20.2 0.5 40.5





#55
Dibromochloromethane
Concen: 9.583 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

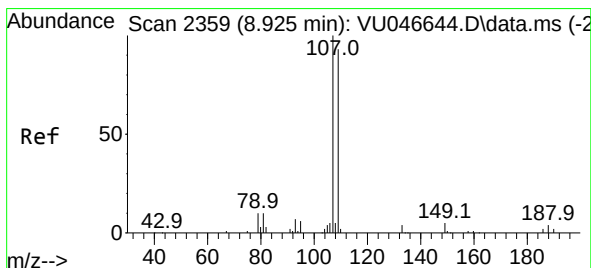
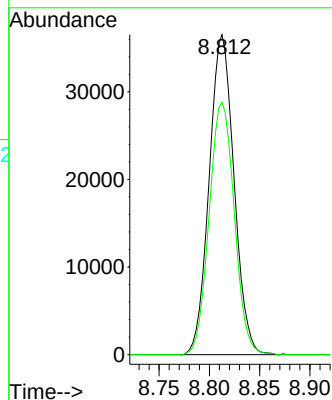
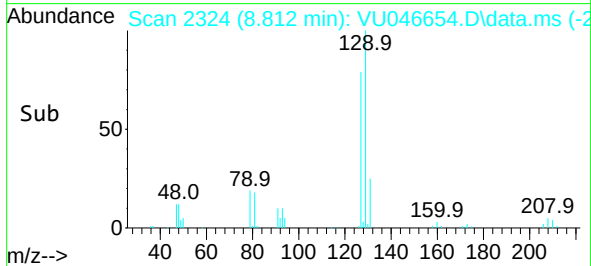
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



Tgt Ion:129 Resp: 6275
Ion Ratio Lower Upper
129 100
127 80.0 62.2 93.4

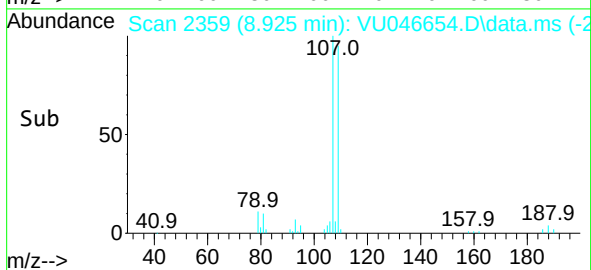
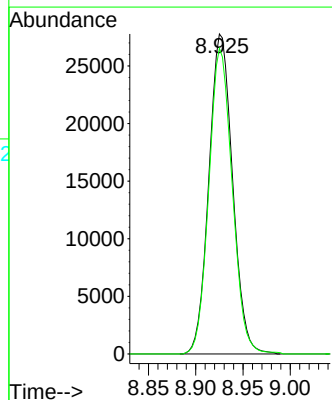
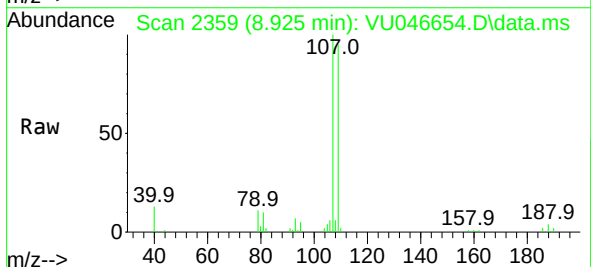
Manual Integrations
APPROVED

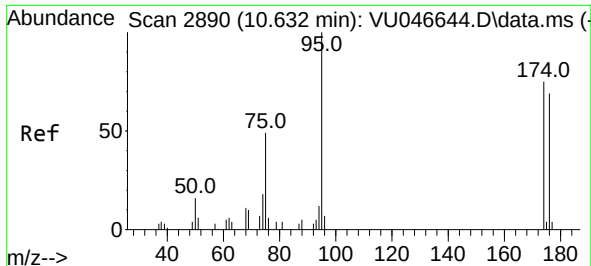
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#56
1,2-Dibromoethane
Concen: 9.710 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

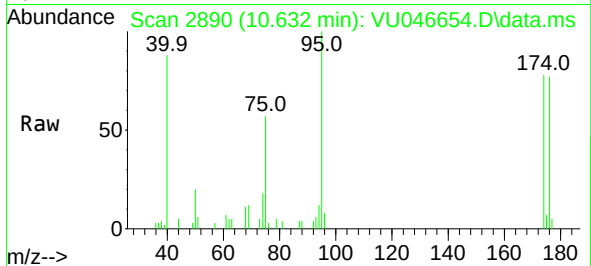
Tgt Ion:107 Resp: 48419
Ion Ratio Lower Upper
107 100
109 94.3 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.980 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

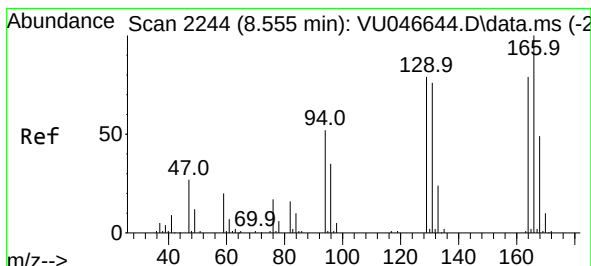
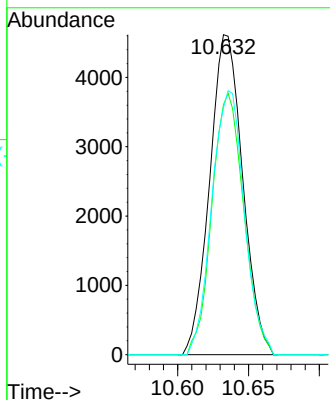
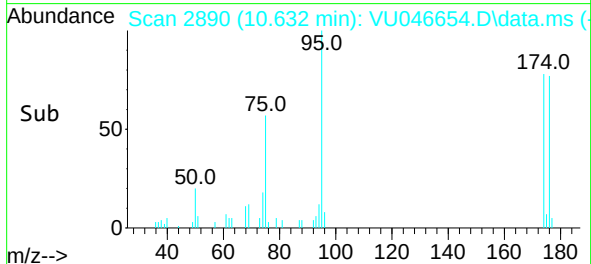
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



Tgt Ion: 95 Resp: 7480
Ion Ratio Lower Upper
95 100
174 78.5 56.6 84.8
176 81.0 54.3 81.5

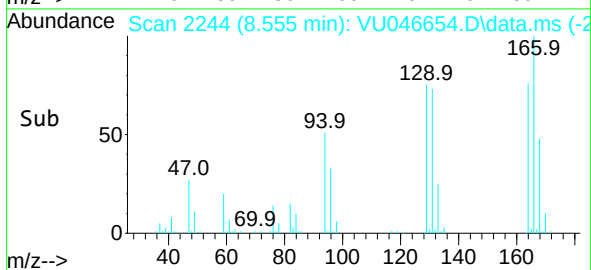
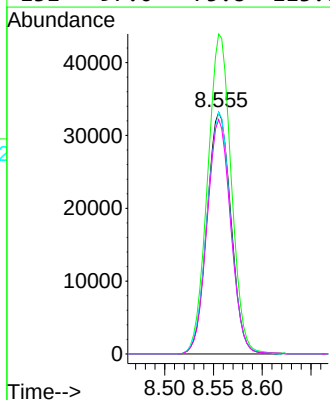
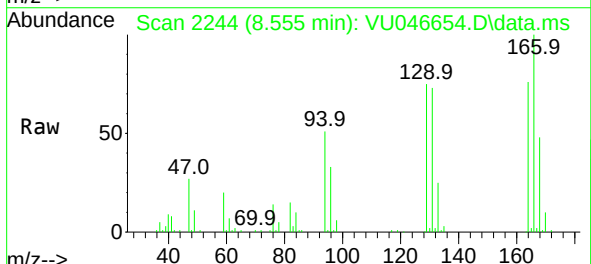
Manual Integrations
APPROVED

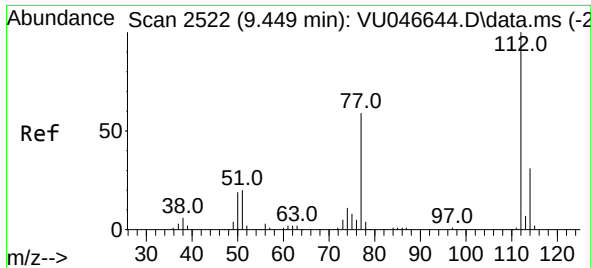
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#58
Tetrachloroethene
Concen: 10.425 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

Tgt Ion:164 Resp: 56577
Ion Ratio Lower Upper
164 100
166 132.4 102.0 153.0
129 100.0 77.1 115.7
131 97.0 75.8 113.6





#59

Chlorobenzene

Concen: 10.348 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

Instrument :

MSVOA_U

ClientSampleId :

PW-B6-L10-122221MSD

Tgt Ion:112 Resp: 157028

Ion Ratio Lower Upper

112 100

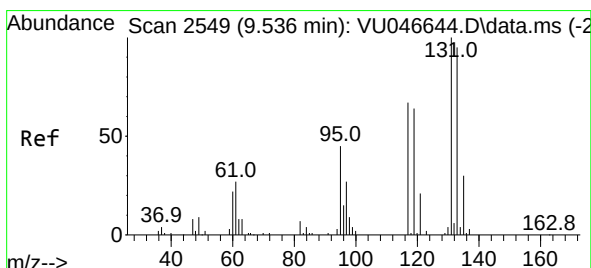
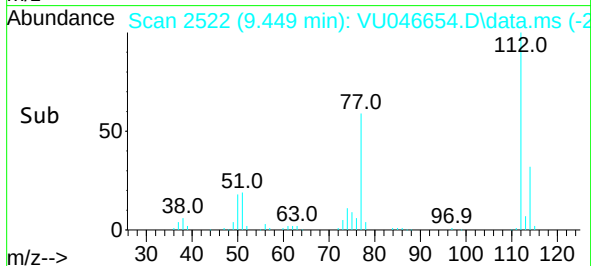
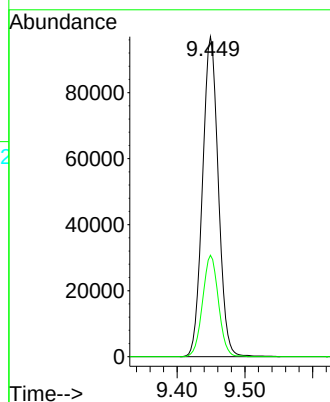
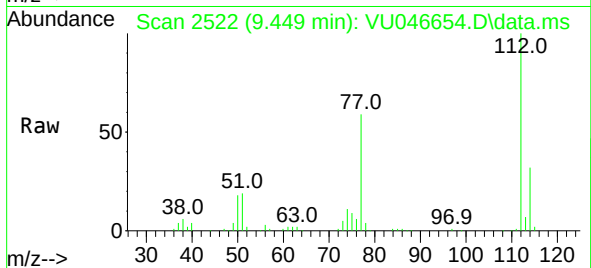
114 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 9.774 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. -0.000 min

Lab File: VU046654.D

Acq: 30 Dec 2021 17:24

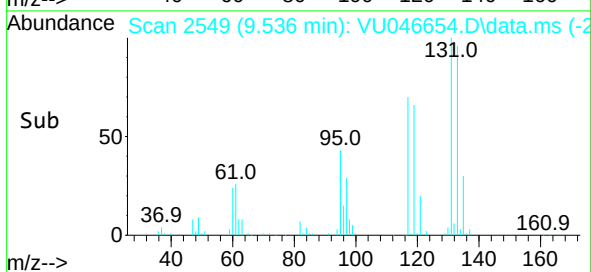
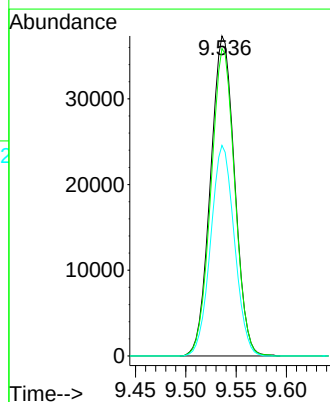
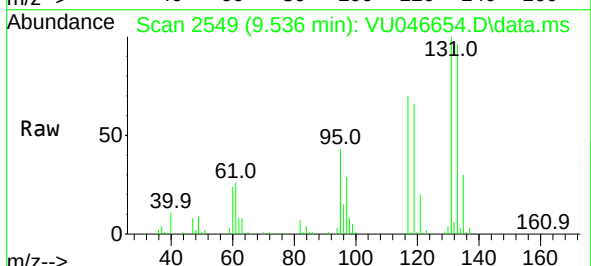
Tgt Ion:131 Resp: 62276

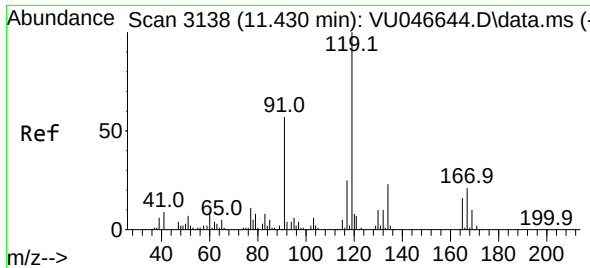
Ion Ratio Lower Upper

131 100

133 94.7 76.0 114.0

119 64.7 54.9 82.3





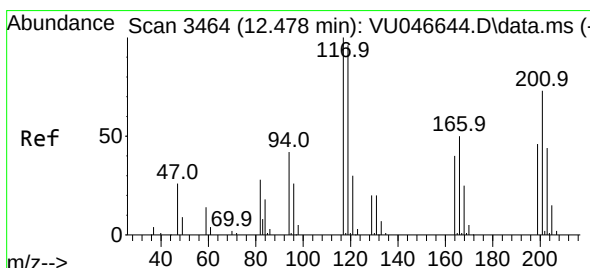
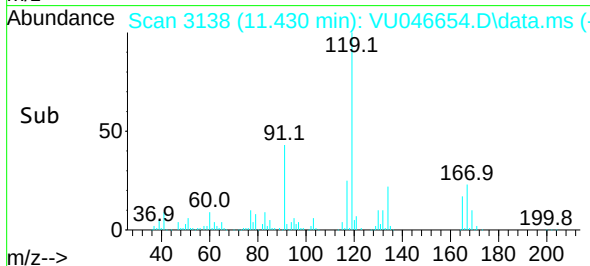
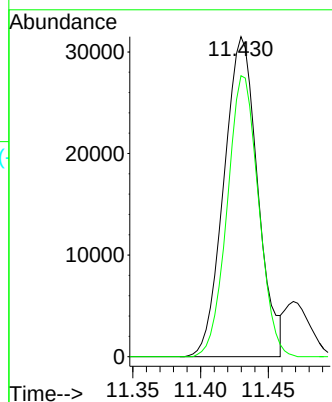
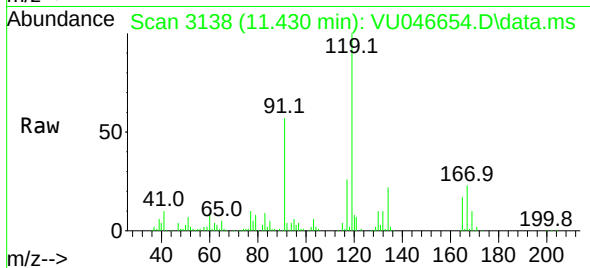
#61
Pentachloroethane
Concen: 10.282 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

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

Tgt Ion:117 Resp: 5461
Ion Ratio Lower Upper
117 100
167 81.3 59.7 89.5

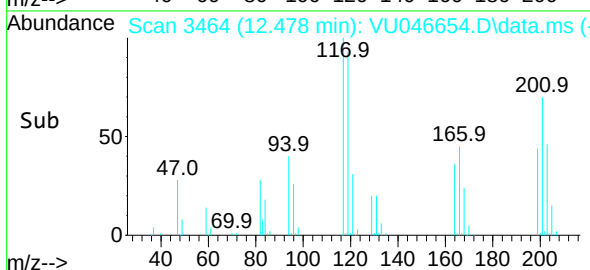
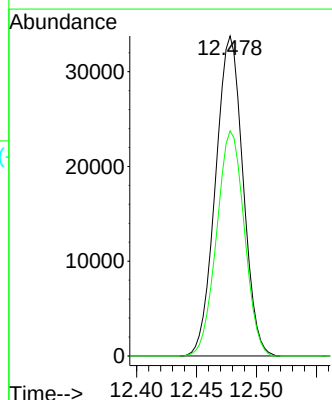
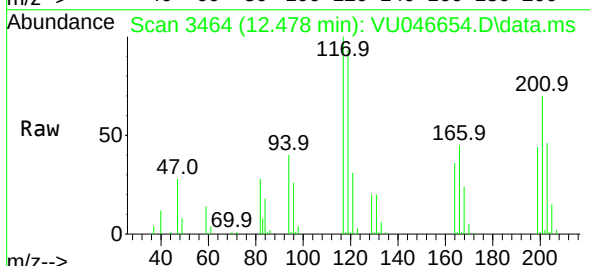
Manual Integrations
APPROVED

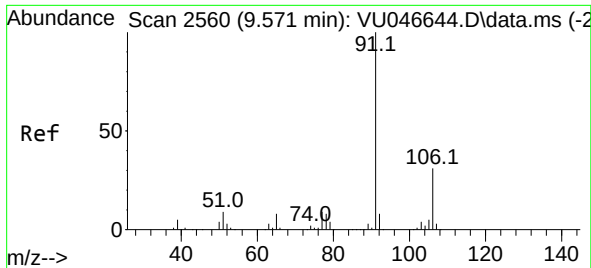
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#62
Hexachloroethane
Concen: 10.085 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

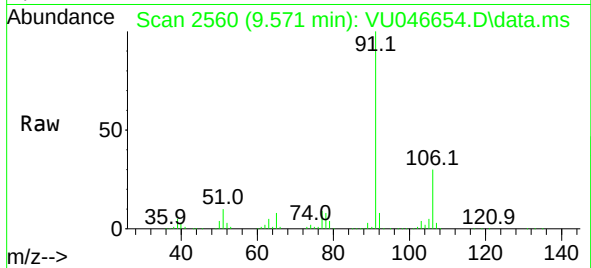
Tgt Ion:117 Resp: 53718
Ion Ratio Lower Upper
117 100
201 70.9 53.6 80.4





#63
Ethyl Benzene
Concen: 11.353 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

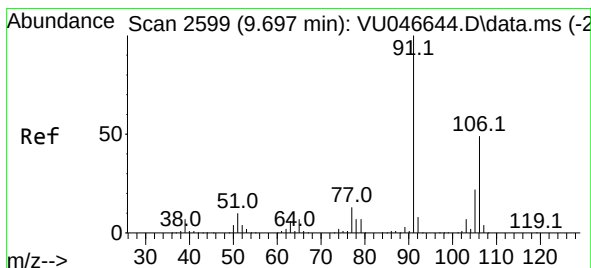
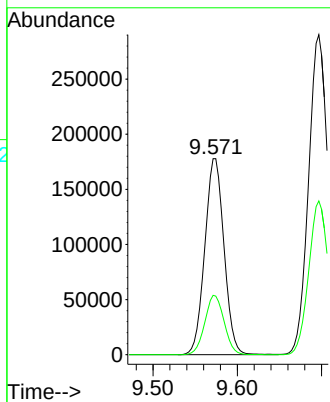
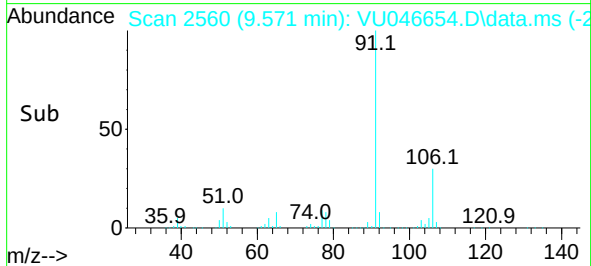
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



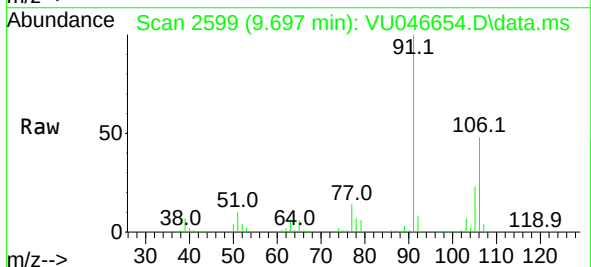
Tgt Ion: 91 Resp: 282728
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6

Manual Integrations
APPROVED

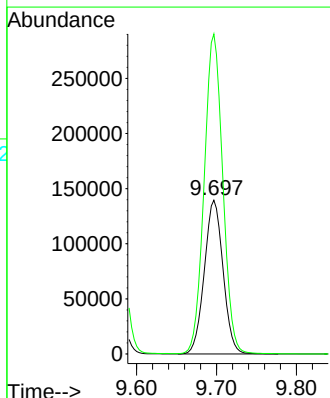
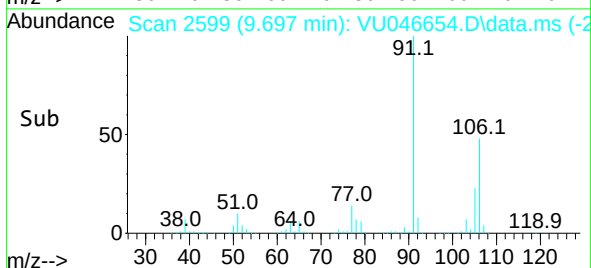
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

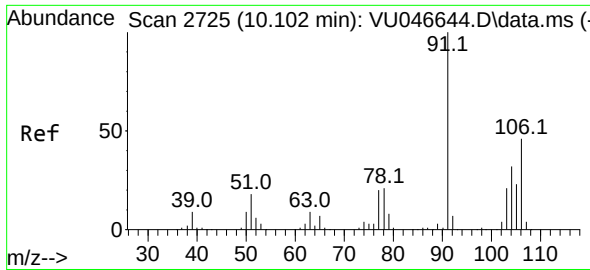


#64
m/p-Xylenes
Concen: 22.992 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24



Tgt Ion:106 Resp: 227360
Ion Ratio Lower Upper
106 100
91 206.9 165.5 248.3





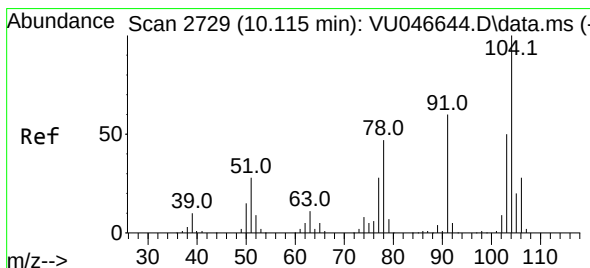
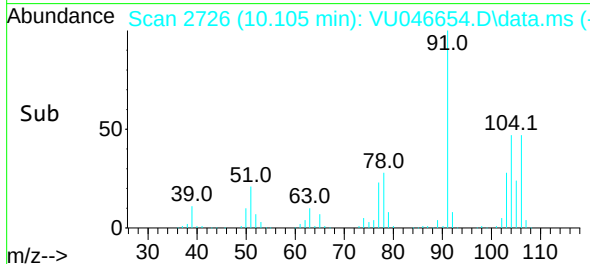
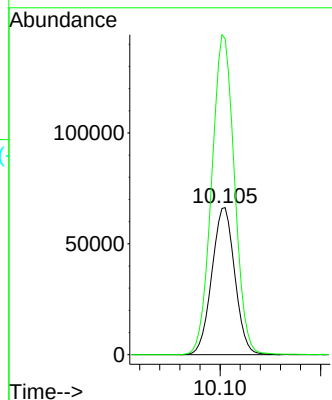
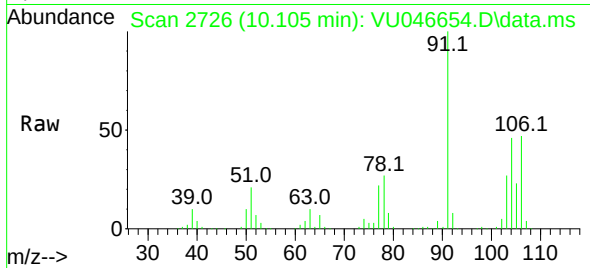
#65
o-Xylene
Concen: 11.223 ug/l
RT: 10.105 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

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

Tgt Ion:106 Resp: 104948
Ion Ratio Lower Upper
106 100
91 216.8 109.4 328.2

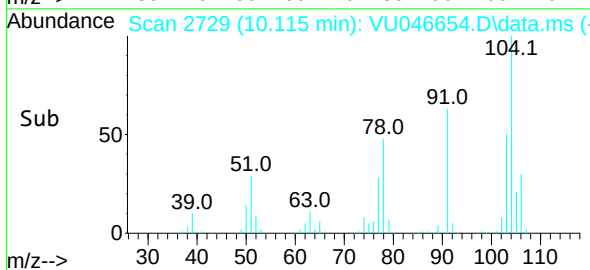
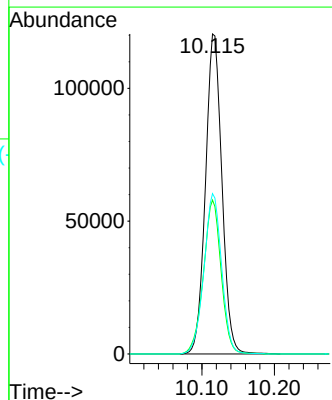
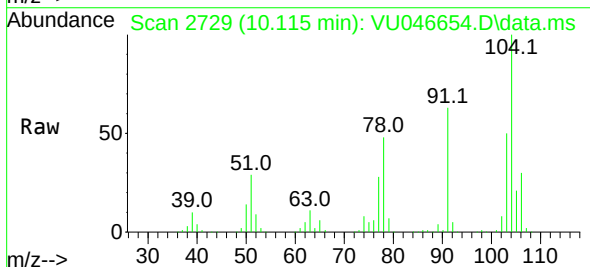
Manual Integrations
APPROVED

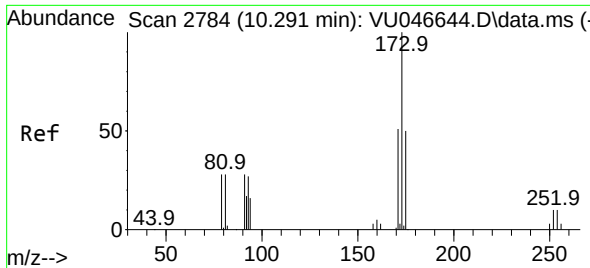
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#66
Styrene
Concen: 11.623 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

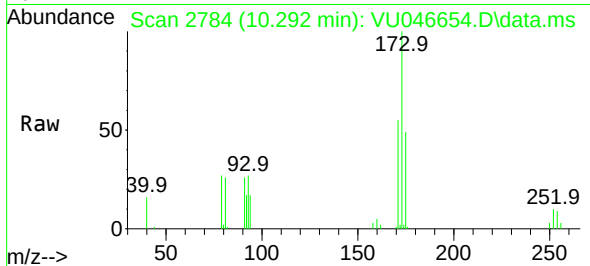
Tgt Ion:104 Resp: 189942
Ion Ratio Lower Upper
104 100
78 51.6 42.4 63.6
103 53.9 44.2 66.4





#67
Bromoform
Concen: 9.677 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

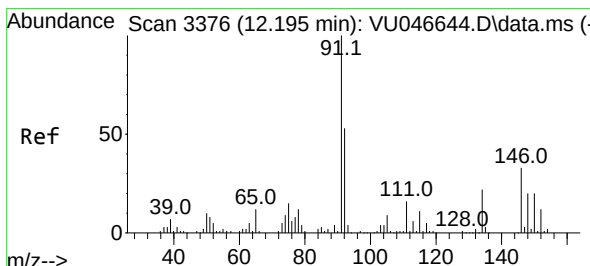
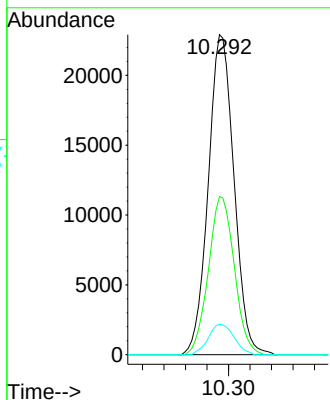
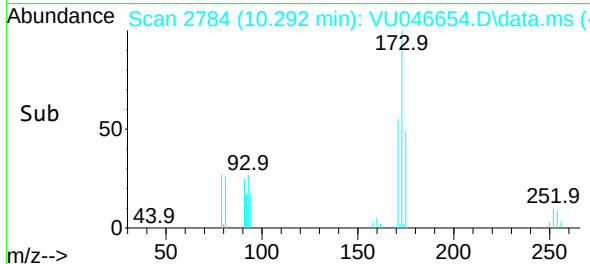
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



Tgt Ion:173 Resp: 3799
Ion Ratio Lower Upper
173 100
175 49.7 39.0 58.4
254 9.5 5.5 8.3

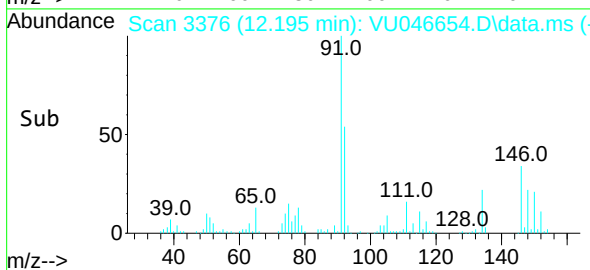
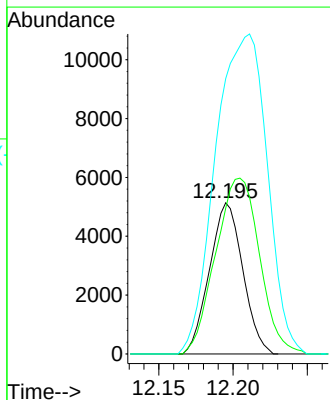
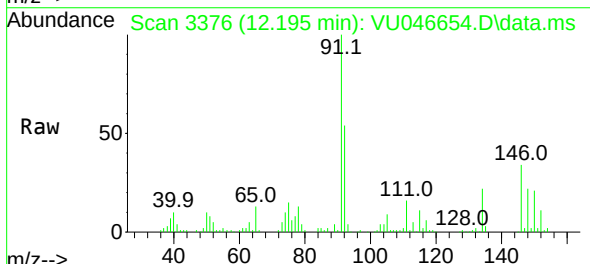
Manual Integrations
APPROVED

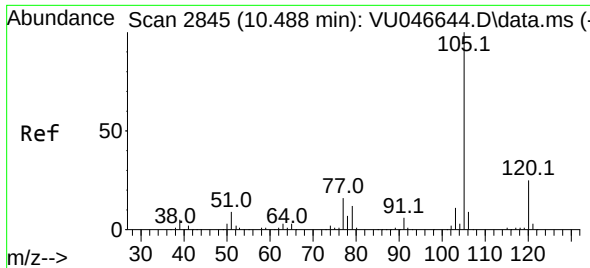
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#68
1,2-Dichlorobenzene-d4
Concen: 0.970 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

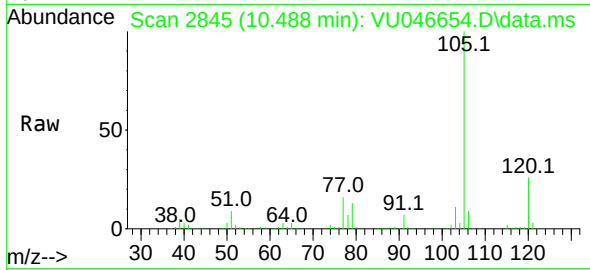
Tgt Ion:152 Resp: 8017
Ion Ratio Lower Upper
152 100
115 153.6 0.0 251.0
150 328.2 0.0 613.8





#69
Isopropylbenzene
Concen: 11.376 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

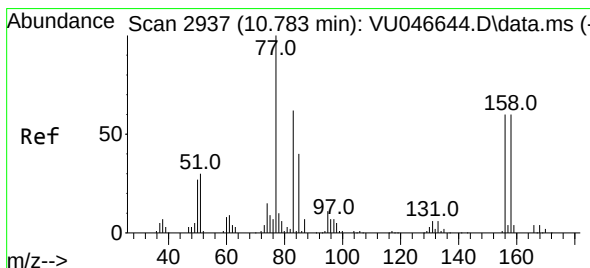
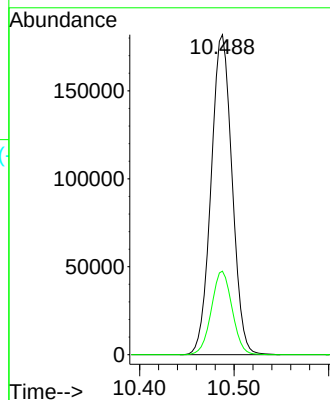
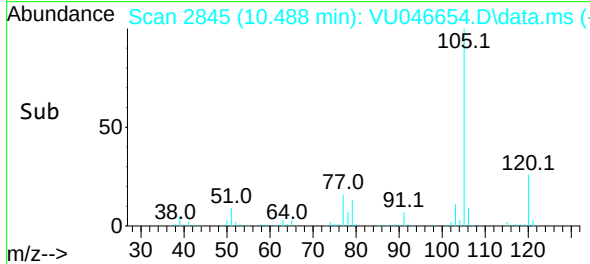
Instrument : MSVOA_U
ClientSampleId : PW-B6-L10-122221MSD



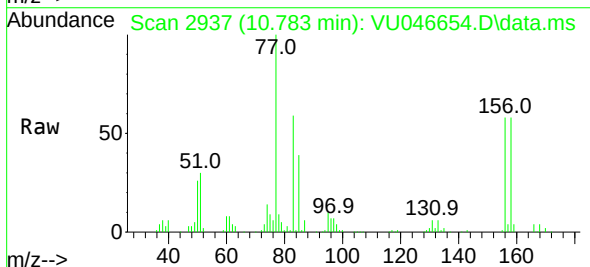
Tgt Ion:105 Resp: 280192
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

Manual Integrations
APPROVED

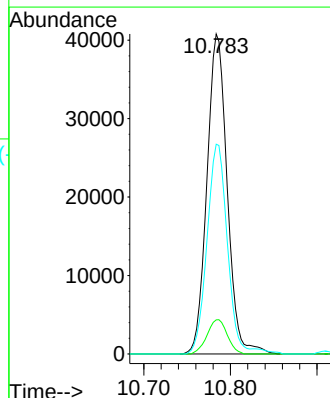
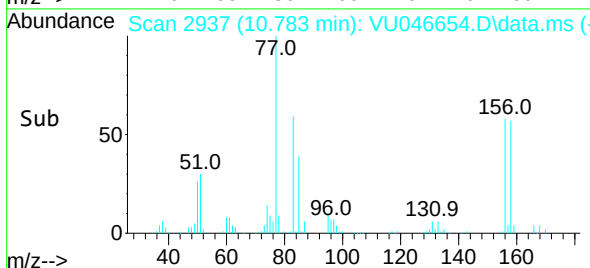
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

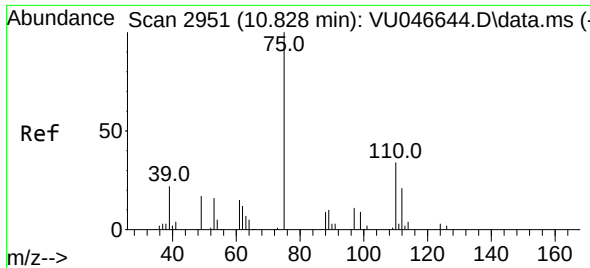


#70
1,1,2,2-Tetrachloroethane
Concen: 9.458 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24



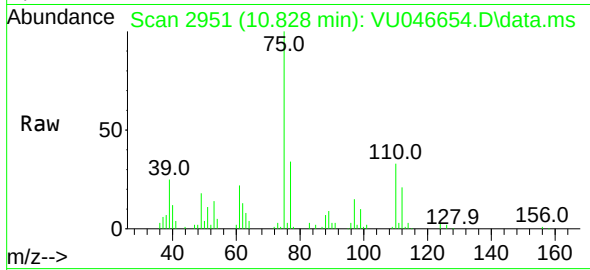
Tgt Ion: 83 Resp: 66301
Ion Ratio Lower Upper
83 100
131 10.7 7.6 11.4
85 66.4 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 10.936 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

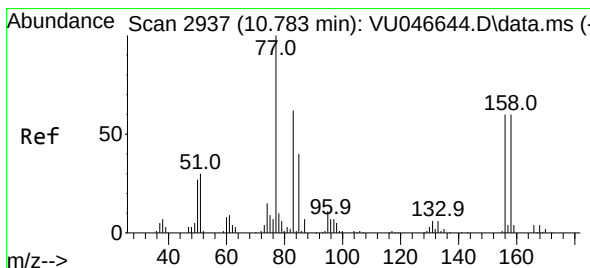
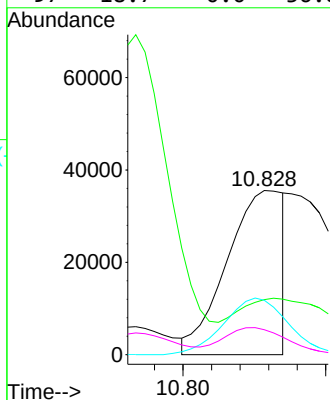
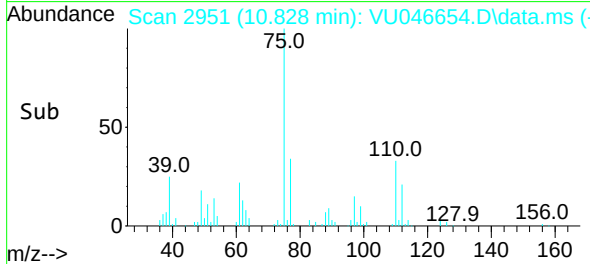
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



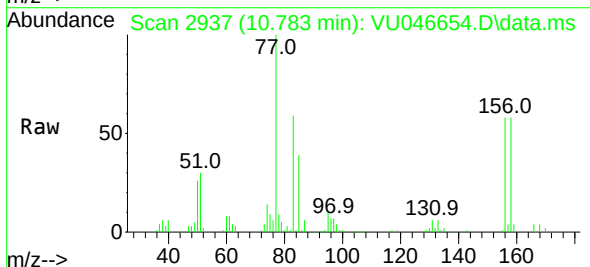
Tgt Ion: 75 Resp: 4900
Ion Ratio Lower Upper
75 100
77 58.7 0.0 105.6
110 39.5 0.0 71.2
97 18.7 0.0 36.8

Manual Integrations
APPROVED

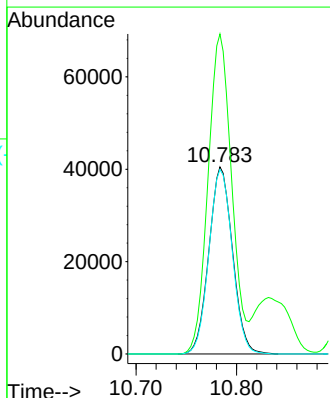
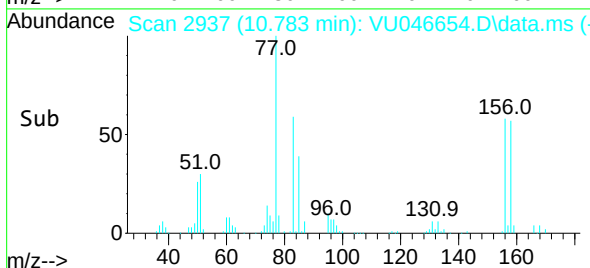
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

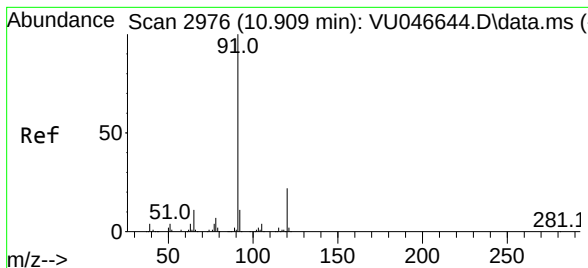


#72
Bromobenzene
Concen: 10.117 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24



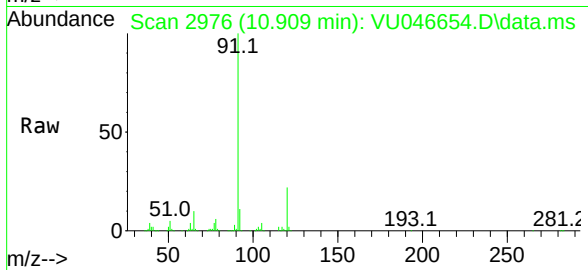
Tgt Ion:156 Resp: 66243
Ion Ratio Lower Upper
156 100
77 171.1 0.0 370.6
158 97.6 0.0 193.4





#73
n-propylbenzene
Concen: 11.200 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

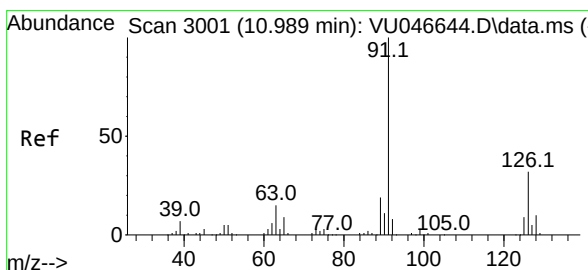
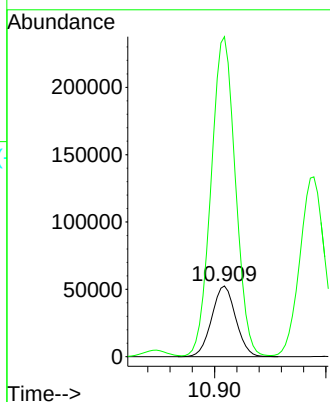
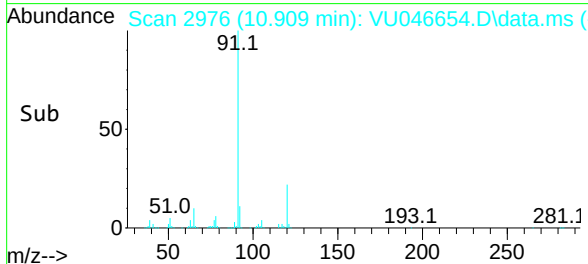
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



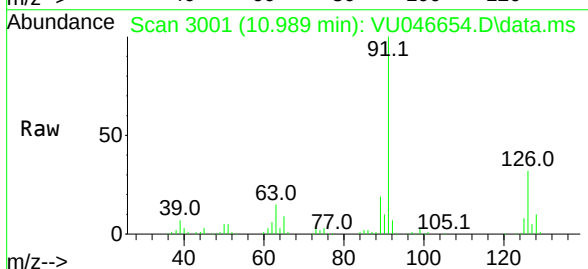
Tgt Ion:120 Resp: 7872
Ion Ratio Lower Upper
120 100
91 458.9 370.7 556.1

Manual Integrations
APPROVED

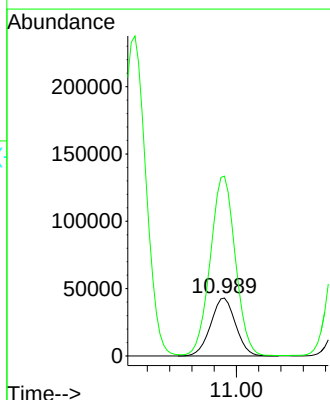
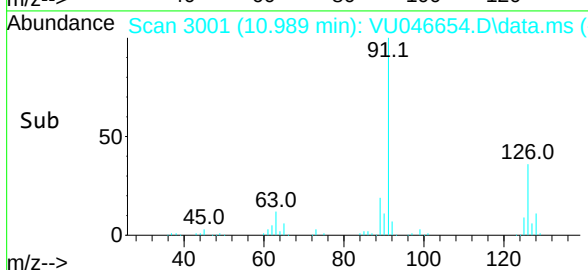
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

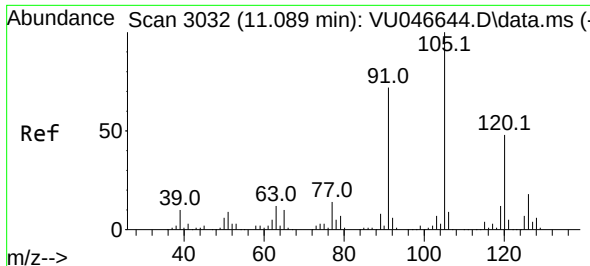


#74
2-Chlorotoluene
Concen: 10.983 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24



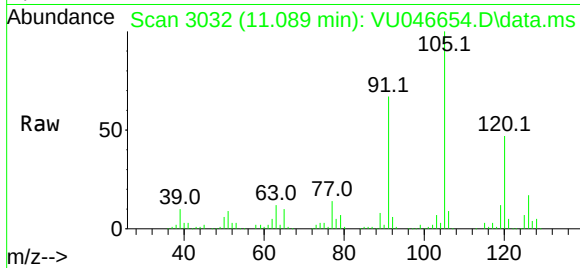
Tgt Ion:126 Resp: 66732
Ion Ratio Lower Upper
126 100
91 313.6 0.0 639.6





#75
1,3,5-Trimethylbenzene
Concen: 9.711 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

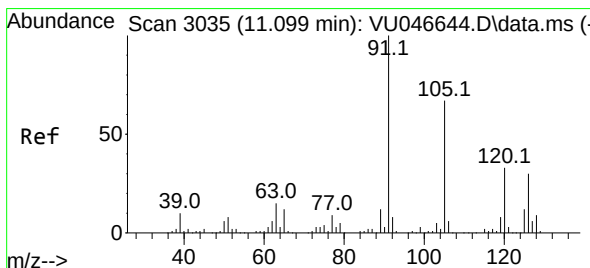
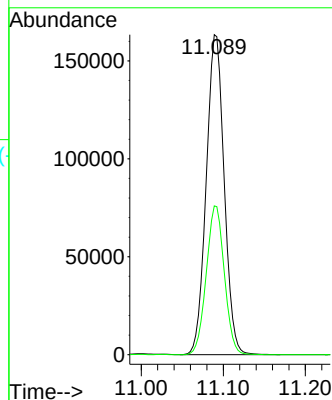
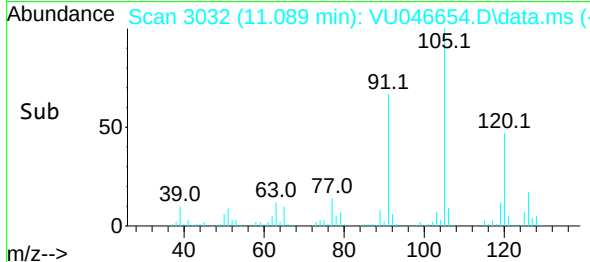
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



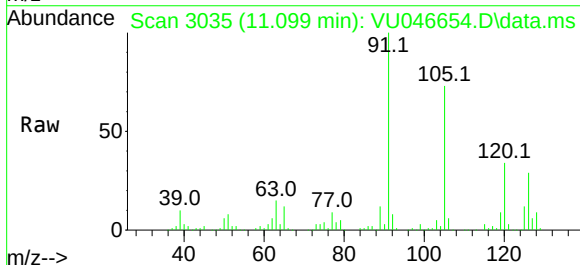
Tgt Ion:105 Resp: 24807
Ion Ratio Lower Upper
105 100
120 46.8 38.6 58.0

Manual Integrations
APPROVED

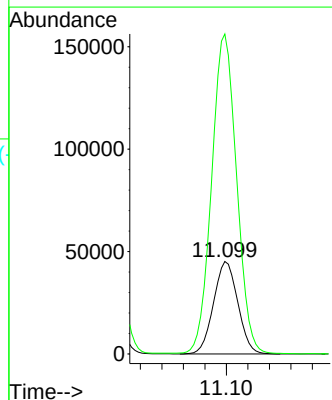
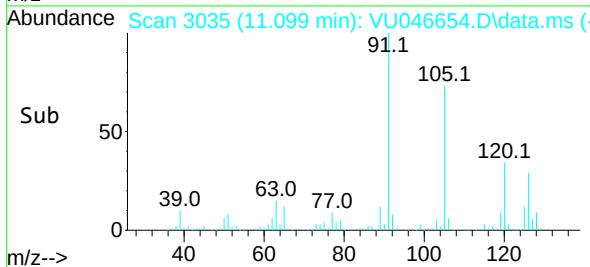
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

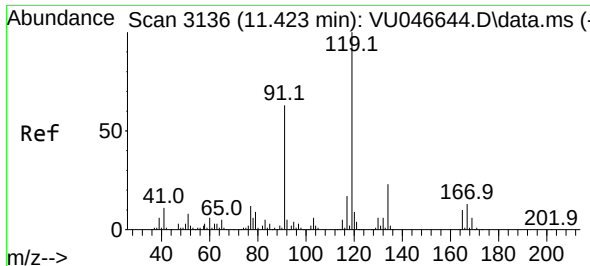


#76
4-Chlorotoluene
Concen: 10.960 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24



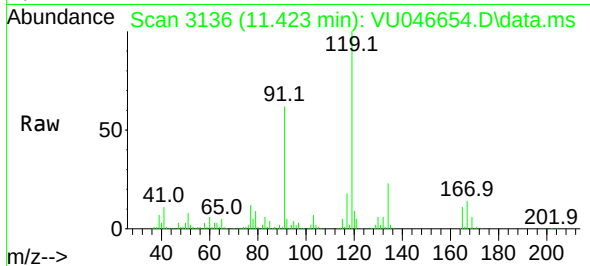
Tgt Ion:126 Resp: 70749
Ion Ratio Lower Upper
126 100
91 356.9 0.0 728.0





#77
tert-Butylbenzene
Concen: 11.389 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

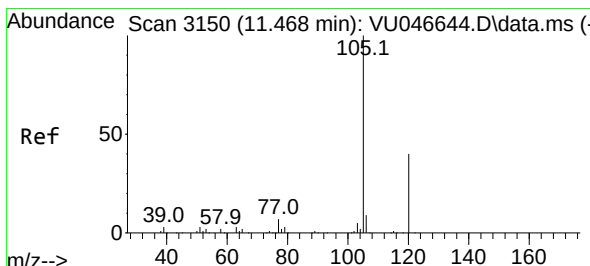
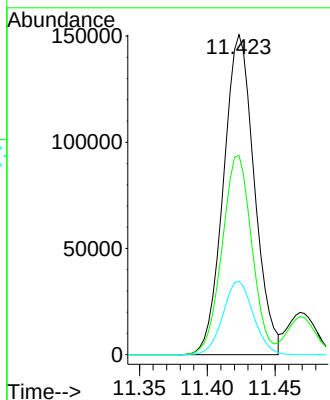
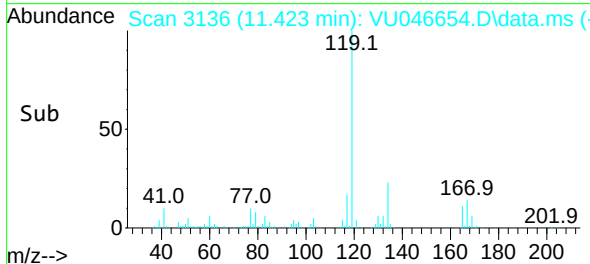
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



Tgt Ion:119 Resp: 23840
Ion Ratio Lower Upper
119 100
91 60.1 31.4 94.3
134 22.7 18.5 27.7

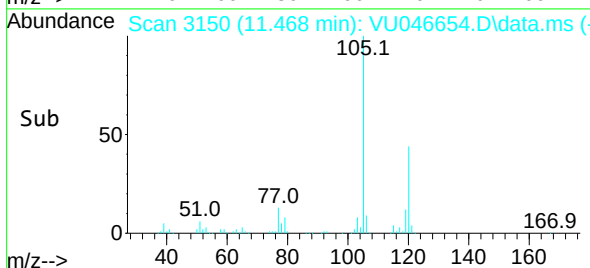
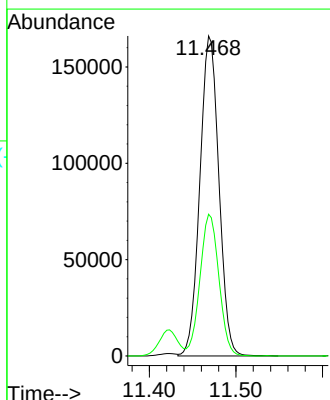
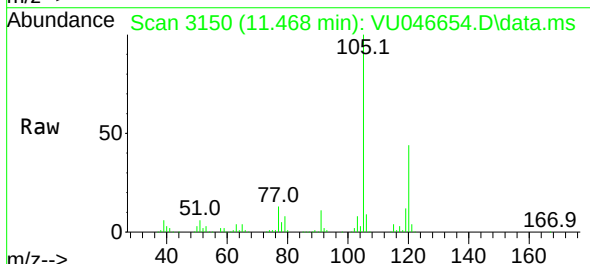
Manual Integrations
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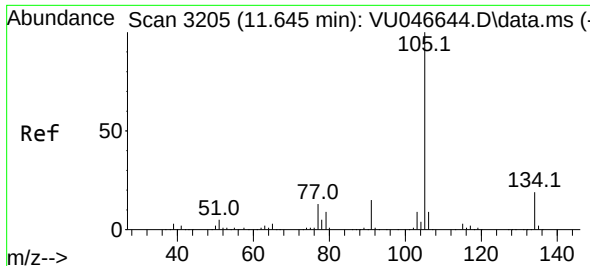
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#78
1,2,4-Trimethylbenzene
Concen: 9.677 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

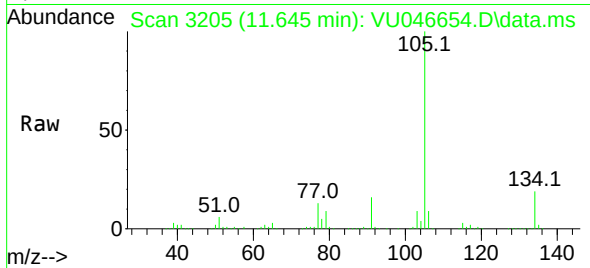
Tgt Ion:105 Resp: 253157
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 11.408 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU046654.D
 Acq: 30 Dec 2021 17:24

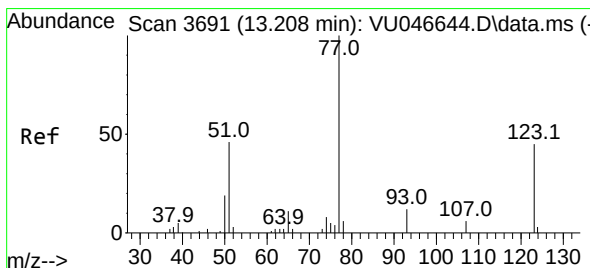
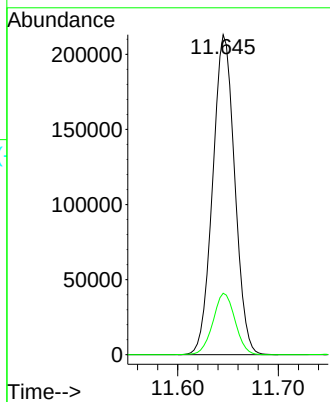
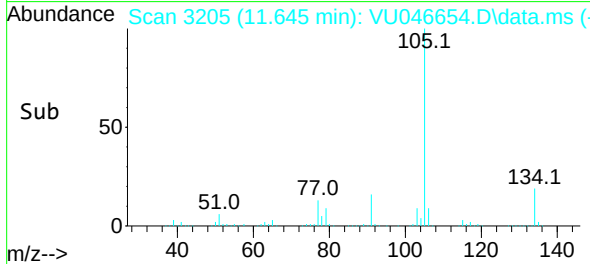
Instrument :
 MSVOA_U
 ClientSampleId :
 PW-B6-L10-122221MSD



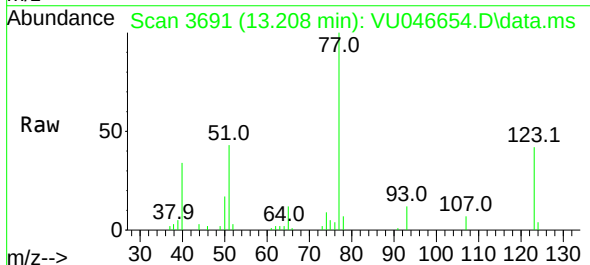
Tgt Ion:105 Resp: 323720
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.4 23.0

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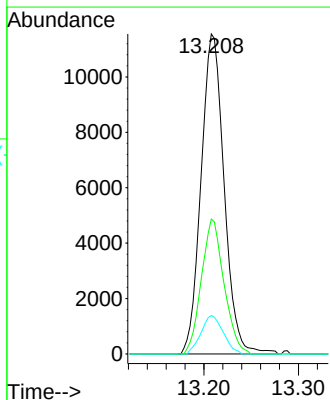
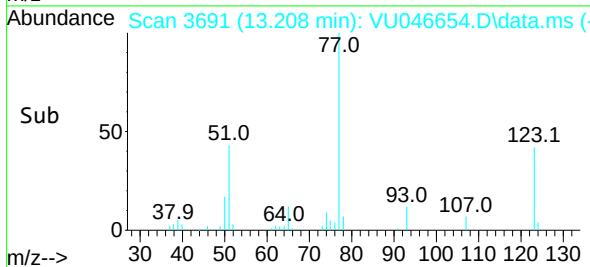
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022

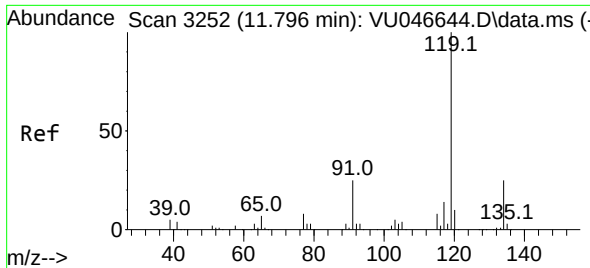


#80
 Nitrobenzene
 Concen: 53.699 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.000 min
 Lab File: VU046654.D
 Acq: 30 Dec 2021 17:24



Tgt Ion: 77 Resp: 19569
 Ion Ratio Lower Upper
 77 100
 123 41.2 18.2 64.4
 65 11.6 12.0 15.2#





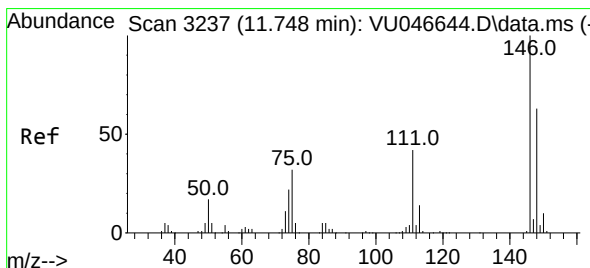
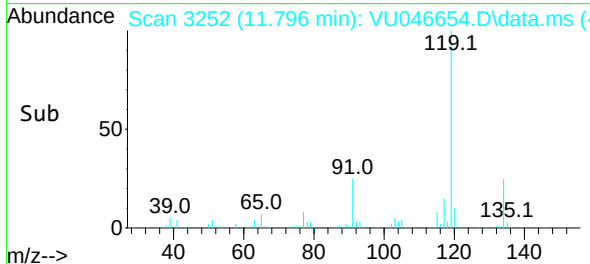
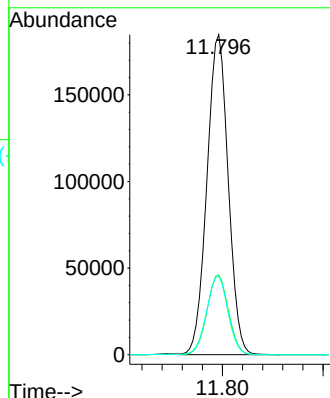
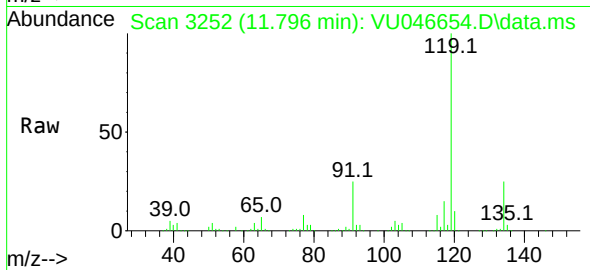
#81
p-Isopropyltoluene
Concen: 9.516 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

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

Tgt Ion:119 Resp: 271117
Ion Ratio Lower Upper
119 100
134 25.0 20.2 30.4
91 24.7 19.9 29.9

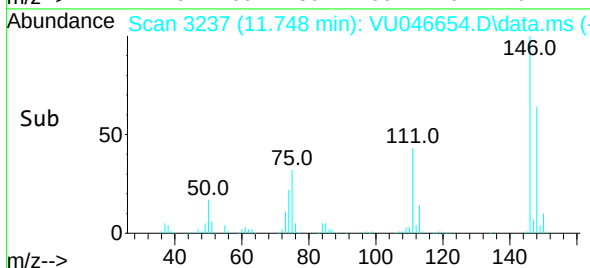
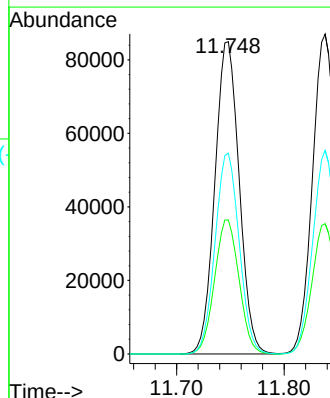
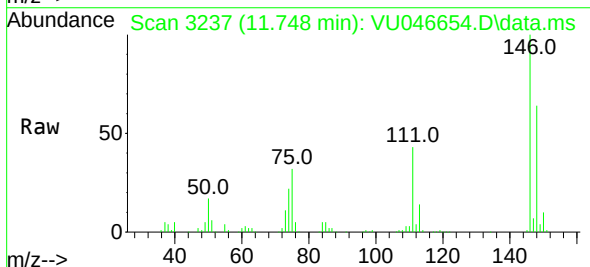
Manual Integrations
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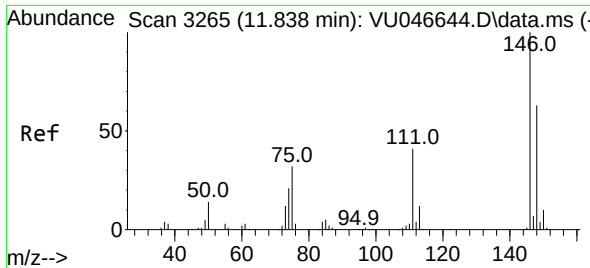
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#82
1,3-Dichlorobenzene
Concen: 9.943 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

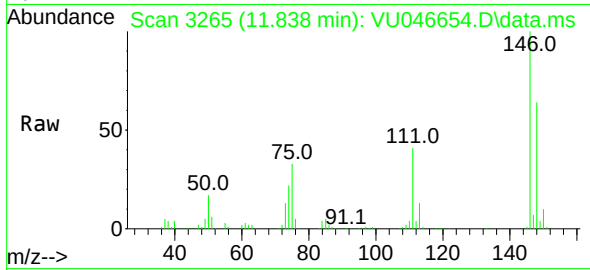
Tgt Ion:146 Resp: 133505
Ion Ratio Lower Upper
146 100
111 43.2 33.9 50.9
148 63.8 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 10.203 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

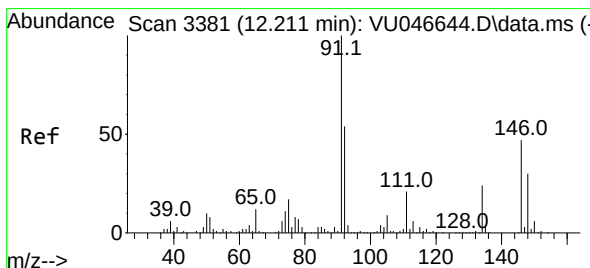
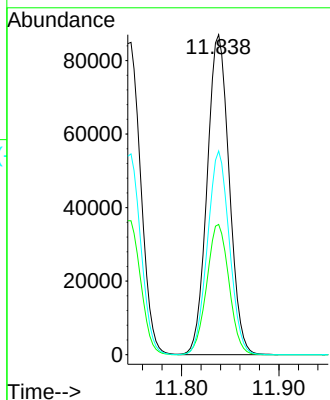
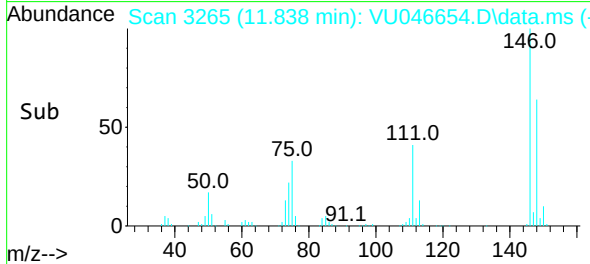
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



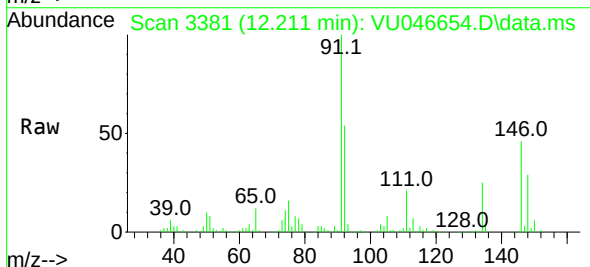
Tgt Ion:146 Resp: 136938
Ion Ratio Lower Upper
146 100
111 41.1 32.7 49.1
148 63.4 51.4 77.0

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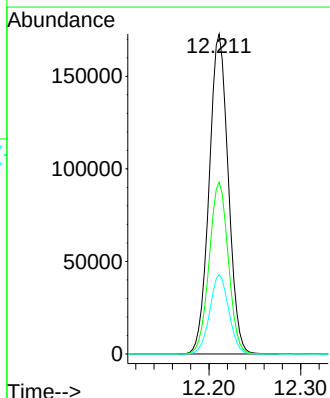
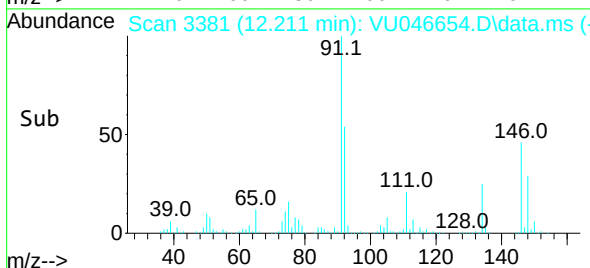
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

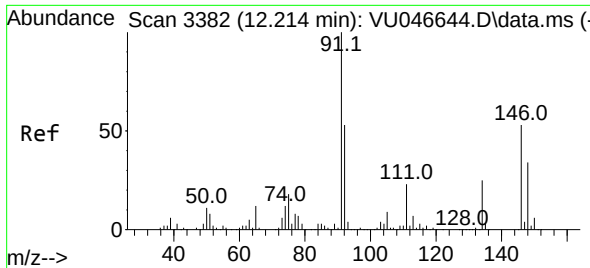


#84
n-Butylbenzene
Concen: 11.191 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24



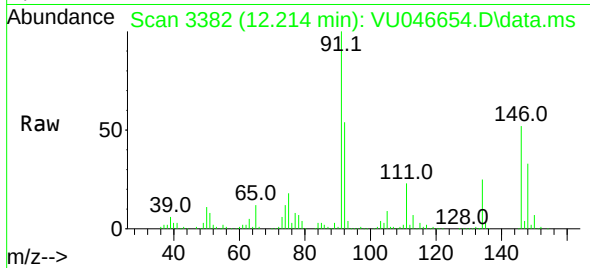
Tgt Ion: 91 Resp: 249991
Ion Ratio Lower Upper
91 100
92 53.7 43.5 65.3
134 24.6 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 10.057 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

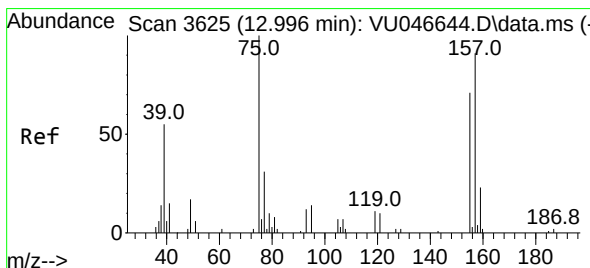
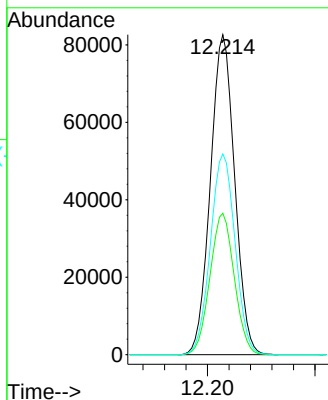
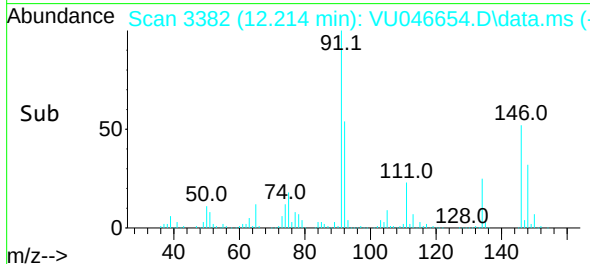
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



Tgt Ion:146 Resp: 12942
Ion Ratio Lower Upper
146 100
111 44.3 22.1 66.1
148 64.0 31.6 94.7

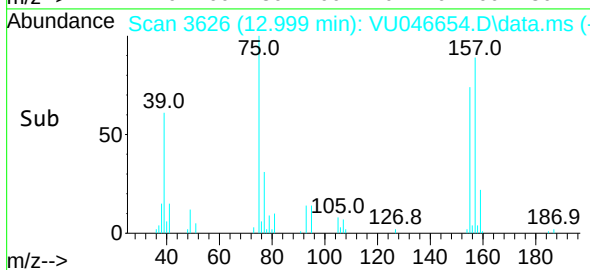
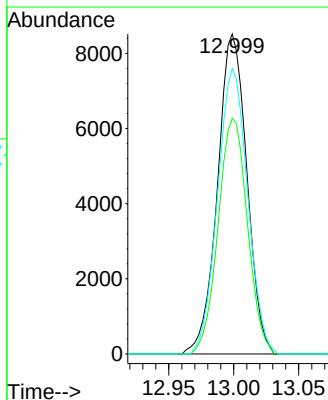
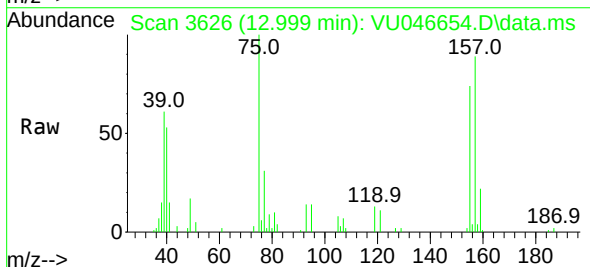
Manual Integrations
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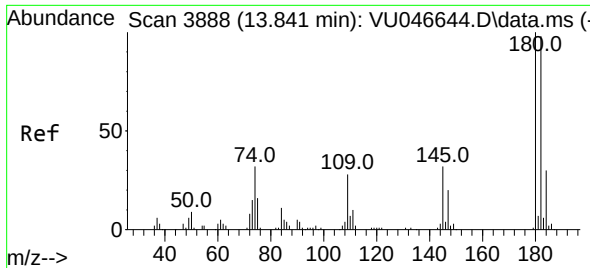
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.358 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

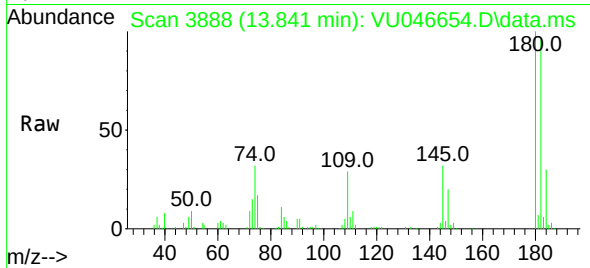
Tgt Ion: 75 Resp: 13371
Ion Ratio Lower Upper
75 100
155 73.4 57.8 86.8
157 91.5 75.1 112.7





#87
1,2,4-Trichlorobenzene
Concen: 10.702 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

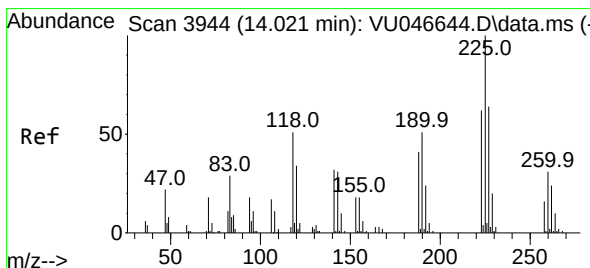
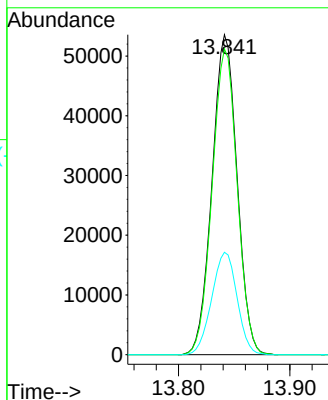
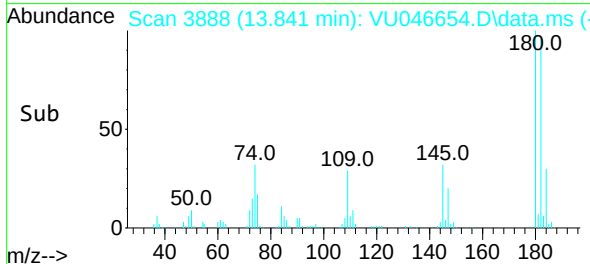
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



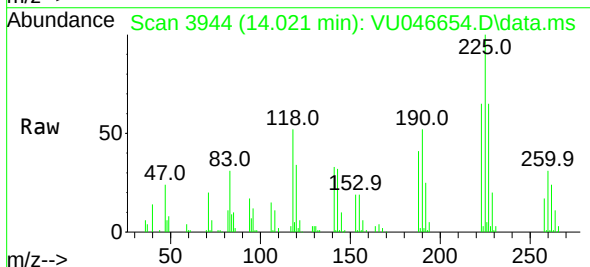
Tgt Ion:180 Resp: 8352
Ion Ratio Lower Upper
180 100
182 95.8 75.8 113.8
145 32.4 25.3 37.9

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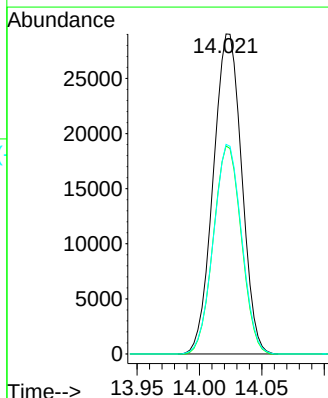
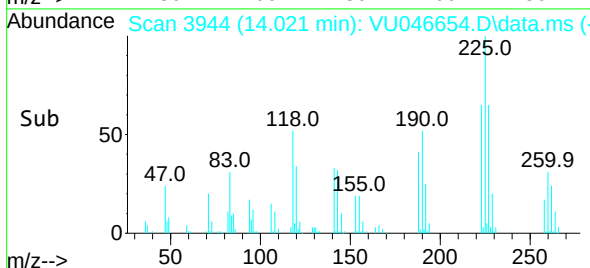
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

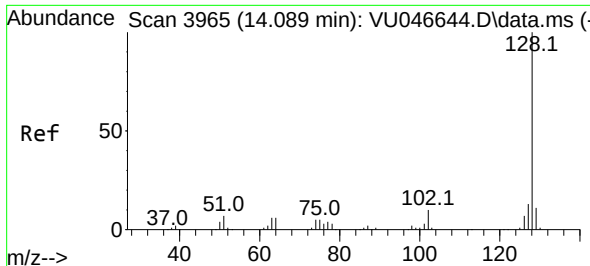


#88
Hexachlorobutadiene
Concen: 9.591 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24



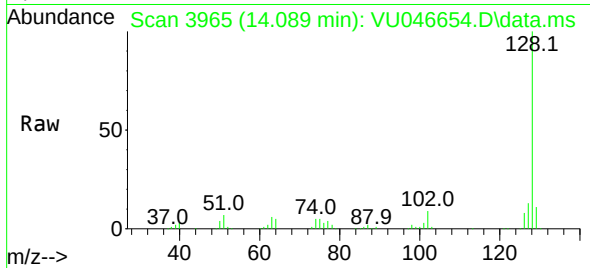
Tgt Ion:225 Resp: 46102
Ion Ratio Lower Upper
225 100
223 64.0 51.1 76.7
227 65.0 49.9 74.9





#89
Naphthalene
Concen: 10.133 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

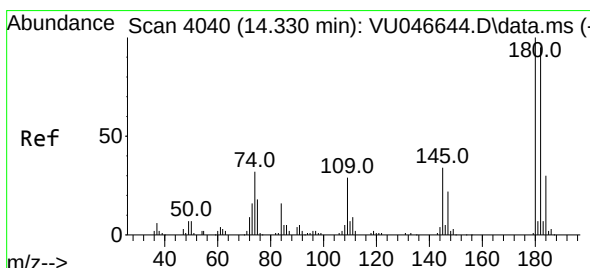
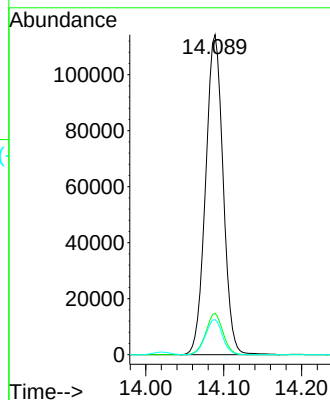
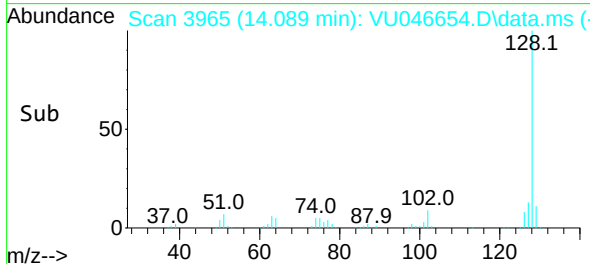
Instrument :
MSVOA_U
ClientSampleId :
PW-B6-L10-122221MSD



Tgt Ion:128 Resp: 178028
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 11.116 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046654.D
Acq: 30 Dec 2021 17:24

Tgt Ion:180 Resp: 84553
Ion Ratio Lower Upper
180 100
182 95.4 75.4 113.0
145 34.8 27.0 40.4

