

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
 Data File : VU046642.D
 Acq On : 30 Dec 2021 09:46
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Manual Integrations
 APPROVED

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

Quant Time: Dec 30 11:00:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Dec 30 10:57:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	19509	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	6881	0.972	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	7524	1.108	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	14021	1.909	ug/l	98
3) Chloromethane	1.523	50	12438	1.652	ug/l	99
4) Vinyl Chloride	1.607	62	13082	1.671	ug/l	98
5) Bromomethane	1.864	94	6827	1.591	ug/l	100
6) Chloroethane	1.941	64	7742	1.539	ug/l	96
7) Trichlorofluoromethane	2.144	101	19275	2.061	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	10356	1.935	ug/l	96
9) 1,1-Dichloroethene	2.588	96	9508	1.891	ug/l	95
10) Iodomethane	2.729	142	6760	1.311	ug/l	# 78
11) Allyl Chloride	2.928	41	11852	1.642	ug/l	94
12) Acrylonitrile	3.343	53	4945	3.820	ug/l	# 76
13) Acetone	2.681	43	10944	7.449	ug/l	93
14) Carbon Disulfide	2.800	76	31009	2.010	ug/l	99
15) Methylene Chloride	3.051	84	11742	1.932	ug/l	94
16) trans-1,2-Dichloroethene	3.359	96	10238	1.893	ug/l	95
17) 1,1-Dichloroethane	3.877	63	18845	1.869	ug/l	98
18) 2-Butanone	4.732	43	17088	8.917	ug/l	98
19) Cyclohexane	5.391	56	11621	1.296	ug/l	# 81
20) Methylcyclohexane	6.767	83	13646	1.495	ug/l	99
21) 2,2-Dichloropropane	4.671	77	15570	1.812	ug/l	95
22) cis-1,2-Dichloroethene	4.671	96	10424	1.758	ug/l	97
23) Diethyl Ether	2.382	59	7444	1.617	ug/l	98
24) tert-Butyl Alcohol	3.362	59	8326m	21.194	ug/l	
25) Methyl tert-Butyl Ether	3.369	73	22680	1.632	ug/l	99
26) Bromochloromethane	4.980	128	5629	2.180	ug/l	93
27) Chloroform	5.092	83	20670	1.978	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	17568	2.036	ug/l	97
29) 1,1-Dichloropropene	5.530	75	13852	1.780	ug/l	99
30) Carbon Tetrachloride	5.530	117	16427	2.386	ug/l	99
31) Isopropyl Ether	3.996	45	22235	1.426	ug/l	91
32) Ethyl-t-butyl ether	4.504	59	21752	1.391	ug/l	98
33) Tert-Amyl methyl ether	5.944	73	20810	1.485	ug/l	97
34) Propionitrile	4.832	54	5423m	11.109	ug/l	
35) Benzene	5.777	78	39628	1.768	ug/l	100
36) 1,2-Dichloroethane	5.800	62	14222	1.967	ug/l	98
37) Trichloroethene	6.546	130	10246	1.878	ug/l	95
38) 1,2-Dichloropropane	6.796	63	10469	1.798	ug/l	96
39) Methacrylonitrile	4.983	41	3297	1.714	ug/l	98
40) Methyl acrylate	4.854	55	5521	1.701	ug/l	# 97
41) Tetrahydrofuran	5.076	42	3079	2.802	ug/l	95
42) 1-Chlorobutane	5.462	56	18237	1.648	ug/l	98
43) Dibromomethane	6.922	93	6518	2.196	ug/l	97
44) Bromodichloromethane	7.108	83	15799	2.149	ug/l	# 97

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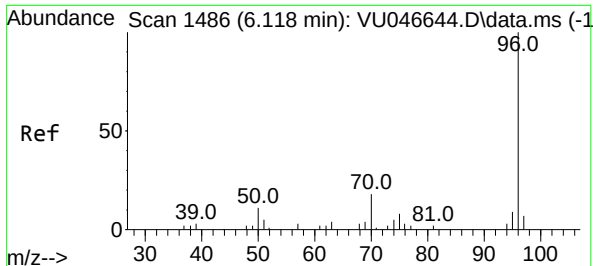
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022

Quant Time: Dec 30 11:00:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
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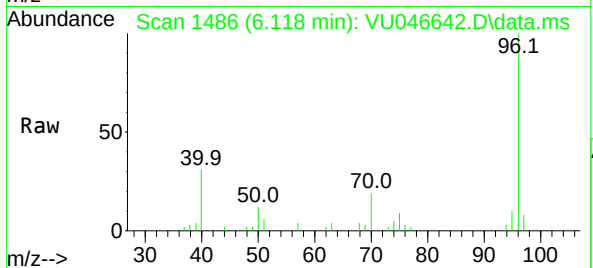
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	31447	7.975	ug/l	99
46) t-1,4-Dichloro-2-butene	10.835	75	6423m	4.431	ug/l	
47) Methyl methacrylate	6.967	69	9825	3.334	ug/l	93
48) Ethyl methacrylate	8.337	69	8540	1.498	ug/l	91
49) Toluene	7.970	92	23429	1.697	ug/l	99
50) t-1,3-Dichloropropene	8.214	75	13208	1.855	ug/l	100
51) cis-1,3-Dichloropropene	7.610	75	14437	1.751	ug/l #	90
52) 1,1,2-Trichloroethane	8.404	97	8917	2.101	ug/l	95
53) 1,3-Dichloropropane	8.578	76	14831	1.888	ug/l	99
54) 2-Hexanone	8.690	43	23119	7.613	ug/l	95
55) Dibromochloromethane	8.812	129	11215	2.446	ug/l	95
56) 1,2-Dibromoethane	8.925	107	8430	2.104	ug/l	100
58) Tetrachloroethene	8.555	164	9552	1.940	ug/l	95
59) Chlorobenzene	9.449	112	24891	1.743	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	10523	2.155	ug/l	98
61) Pentachloroethane	11.430	117	8730	2.427	ug/l	100
62) Hexachloroethane	12.478	117	9127	2.412	ug/l	97
63) Ethyl Benzene	9.571	91	39354	1.539	ug/l	100
64) m/p-Xylenes	9.697	106	31242	3.195	ug/l	98
65) o-Xylene	10.102	106	14869	1.565	ug/l	96
66) Styrene	10.118	104	24816	1.580	ug/l	99
67) Bromoform	10.295	173	6750	2.744	ug/l #	95
69) Isopropylbenzene	10.484	105	39382	1.583	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	12087	2.198	ug/l	99
71) 1,2,3-Trichloropropane	10.828	75	6675m	1.512	ug/l	
72) Bromobenzene	10.783	156	10837	1.931	ug/l	88
73) n-propylbenzene	10.909	120	10787	1.639	ug/l	100
74) 2-Chlorotoluene	10.986	126	10008	1.761	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	33155	1.585	ug/l	97
76) 4-Chlorotoluene	11.098	126	10871	1.856	ug/l	93
77) tert-Butylbenzene	11.423	119	33455	1.646	ug/l	96
78) 1,2,4-Trimethylbenzene	11.468	105	33523	1.569	ug/l	99
79) sec-Butylbenzene	11.645	105	46467	1.660	ug/l	98
80) Nitrobenzene	13.214	77	2116	11.957	ug/l #	93
81) p-Isopropyltoluene	11.793	119	36445	1.617	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	22959	2.043	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	22651	2.027	ug/l	100
84) n-Butylbenzene	12.211	91	34392	1.612	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	21417	2.000	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	2214	2.360	ug/l	98
87) 1,2,4-Trichlorobenzene	13.841	180	12496	1.893	ug/l	97
88) Hexachlorobutadiene	14.021	225	7870	2.457	ug/l	99
89) Naphthalene	14.085	128	20269	1.555	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	11898	1.908	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

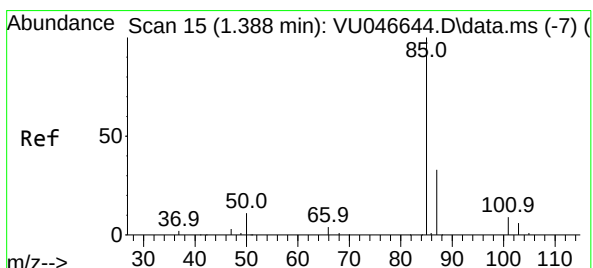
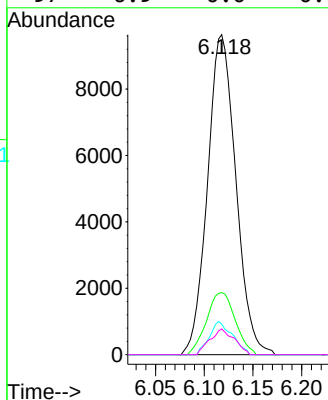
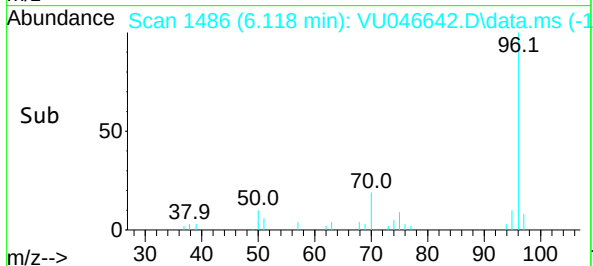
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 96 Resp: 19509
Ion Ratio Lower Upper
96 100
70 19.6 16.8 25.2
95 8.4 7.3 10.9
97 6.9 0.0 0.0#

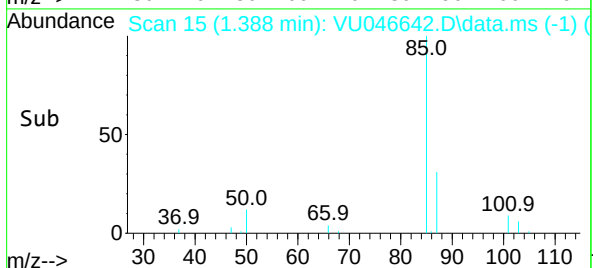
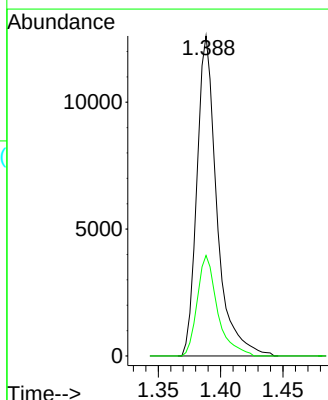
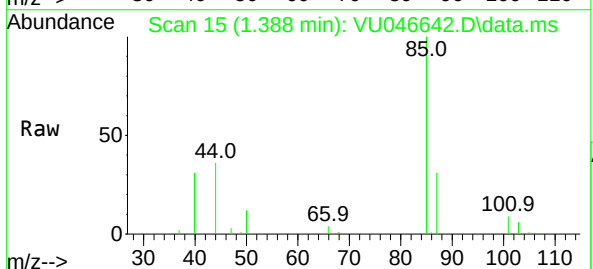
Manual Integrations
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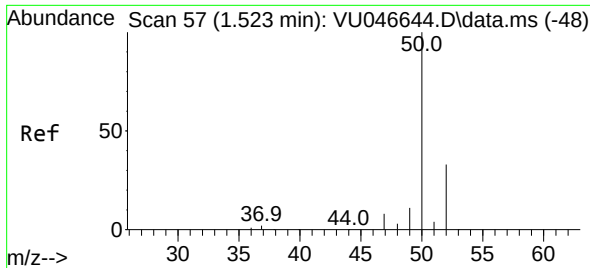
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#2
Dichlorodifluoromethane
Concen: 1.909 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

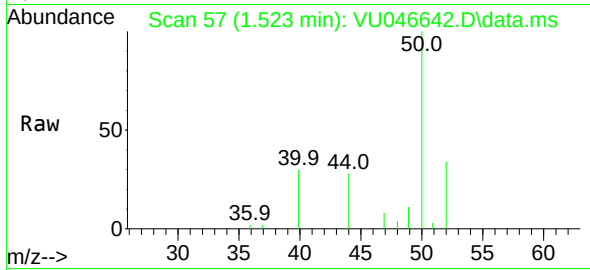
Tgt Ion: 85 Resp: 14021
Ion Ratio Lower Upper
85 100
87 31.4 16.2 48.6





#3
Chloromethane
Concen: 1.652 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

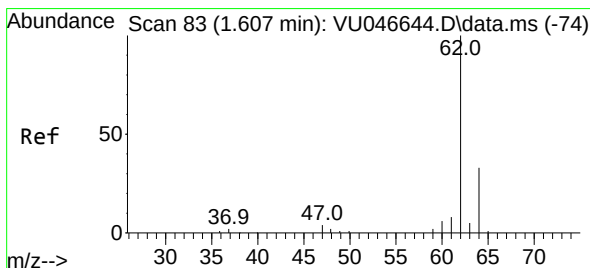
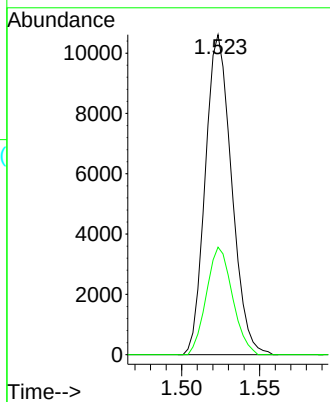
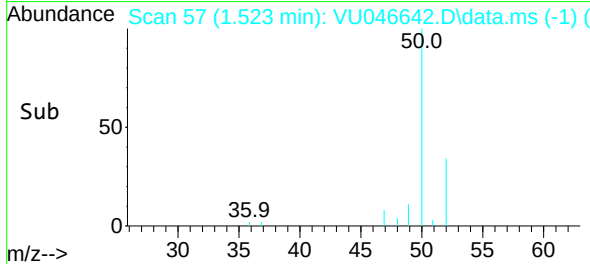
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



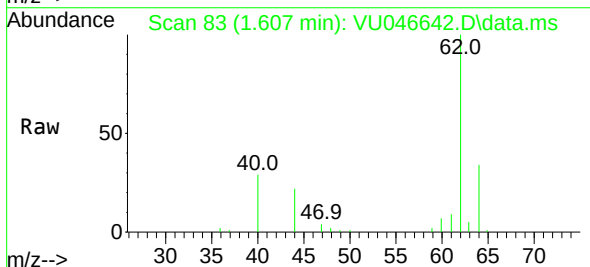
Tgt Ion: 50 Resp: 12438
Ion Ratio Lower Upper
50 100
52 33.6 26.2 39.4

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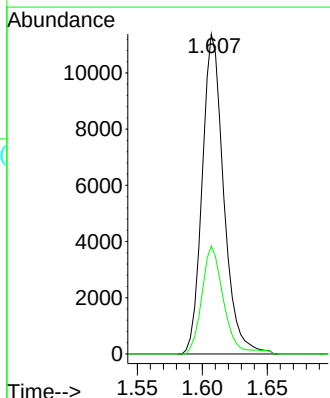
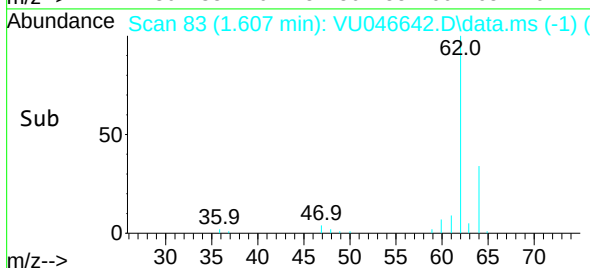
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

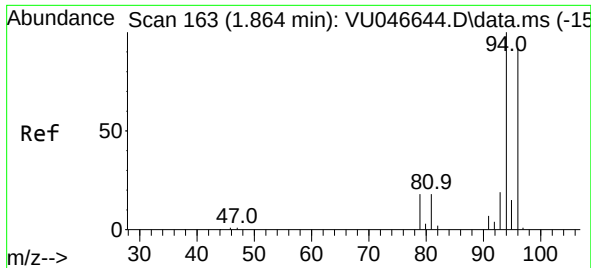


#4
Vinyl Chloride
Concen: 1.671 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46



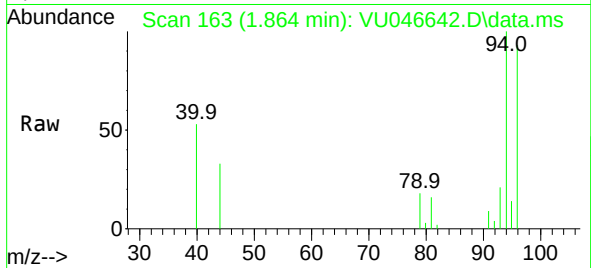
Tgt Ion: 62 Resp: 13082
Ion Ratio Lower Upper
62 100
64 33.7 26.0 39.0





#5
Bromomethane
Concen: 1.591 ug/l
RT: 1.864 min Scan# 163
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

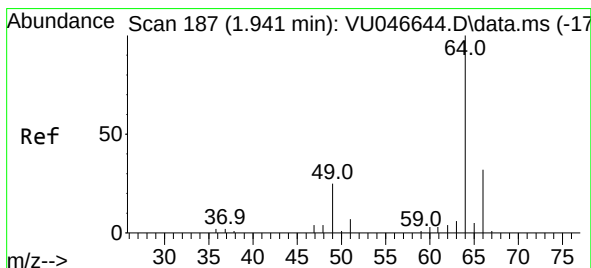
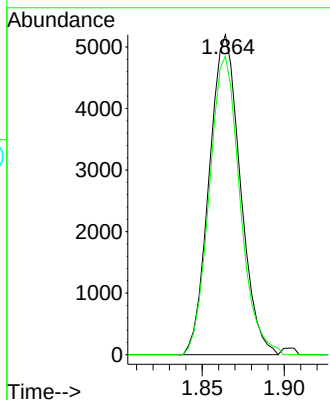
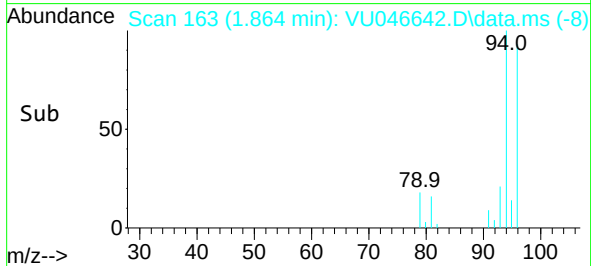
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



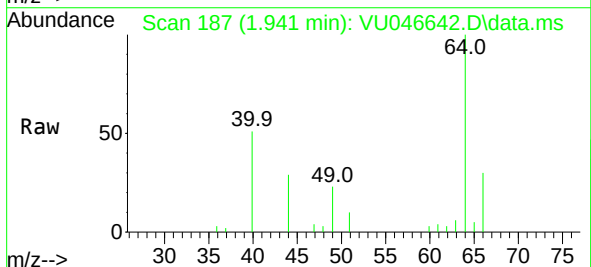
Tgt Ion: 94 Resp: 682
Ion Ratio Lower Upper
94 100
96 93.3 75.0 112.4

Manual Integrations
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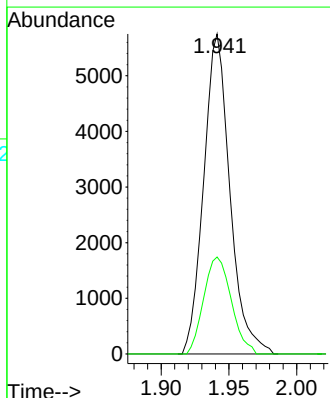
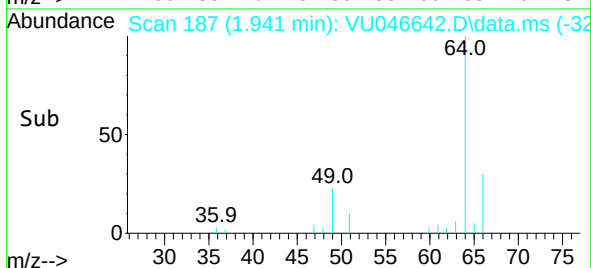
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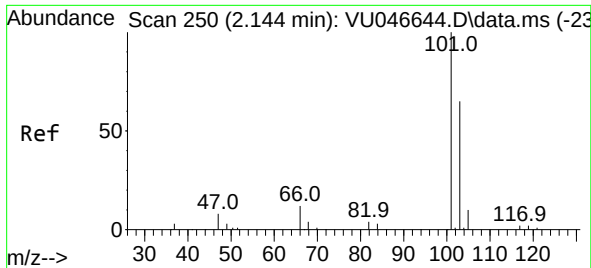


#6
Chloroethane
Concen: 1.539 ug/l
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46



Tgt Ion: 64 Resp: 7742
Ion Ratio Lower Upper
64 100
66 30.3 25.8 38.8





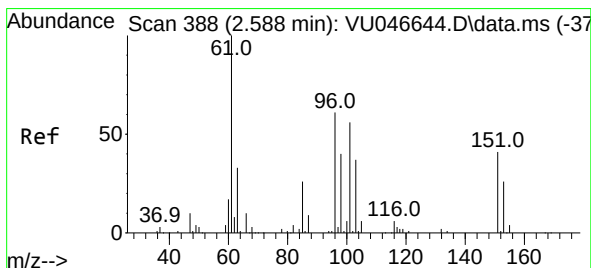
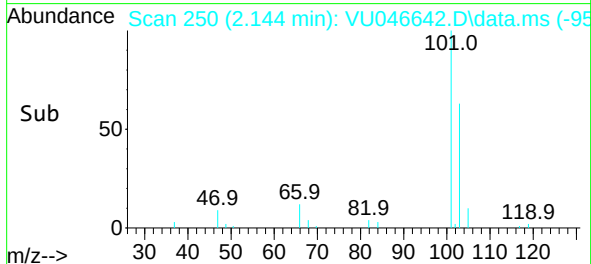
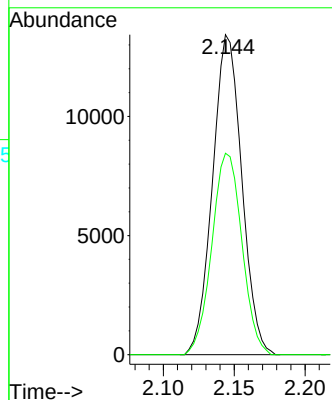
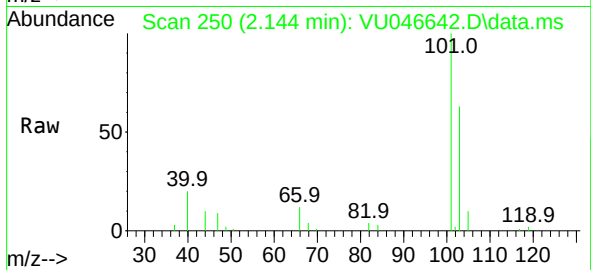
#7
 Trichlorofluoromethane
 Concen: 2.061 ug/l
 RT: 2.144 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU046642.D
 Acq: 30 Dec 2021 09:46

Instrument :
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Tgt Ion:101 Resp: 1927
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.2 78.2

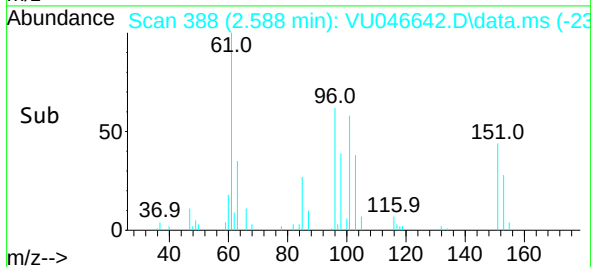
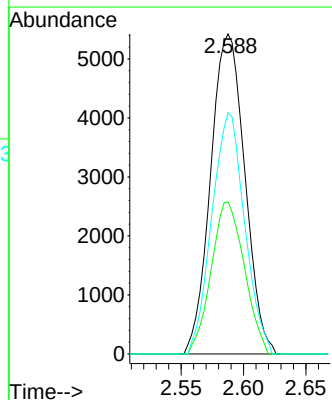
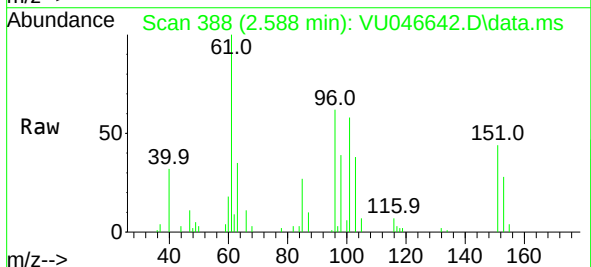
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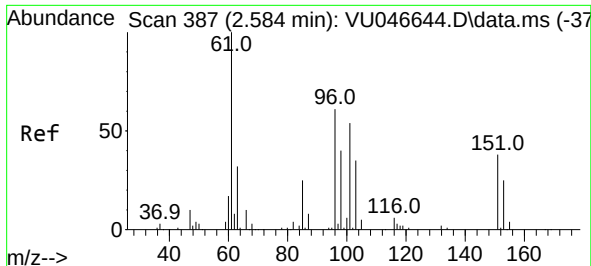
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.935 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046642.D
 Acq: 30 Dec 2021 09:46

Tgt Ion:101 Resp: 10356
 Ion Ratio Lower Upper
 101 100
 85 45.9 35.8 53.6
 151 72.3 54.6 81.8





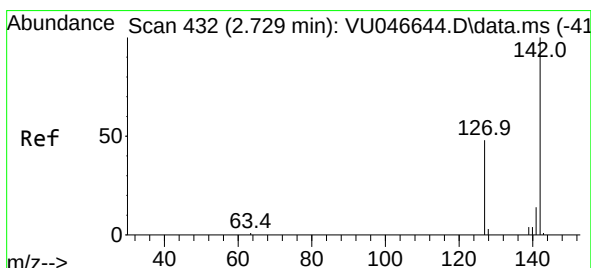
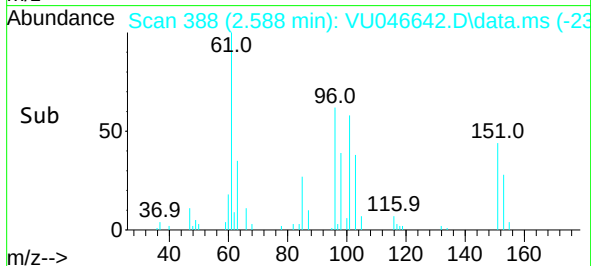
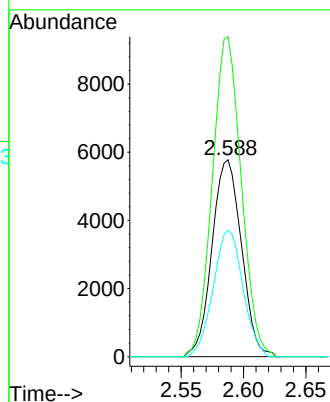
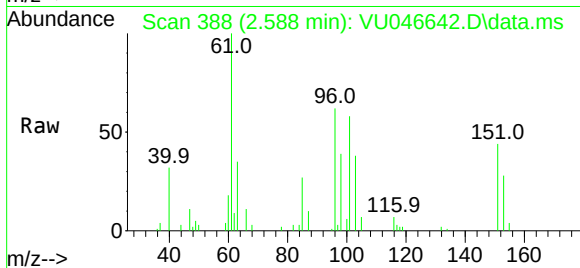
#9
1,1-Dichloroethene
Concen: 1.891 ug/l
RT: 2.588 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 96 Resp: 9508
Ion Ratio Lower Upper
96 100
61 162.5 0.0 514.2
98 64.1 0.0 126.4

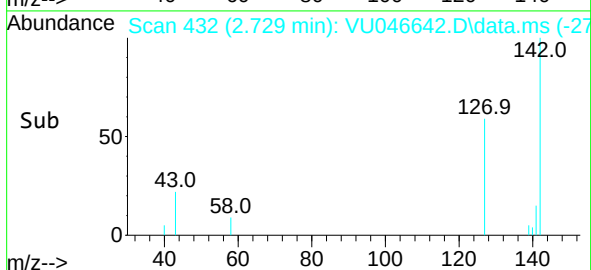
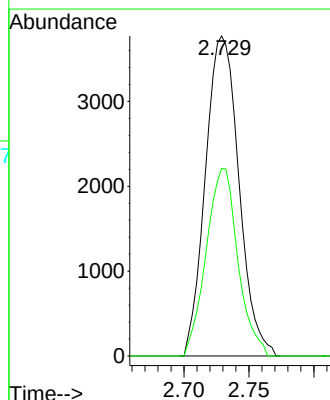
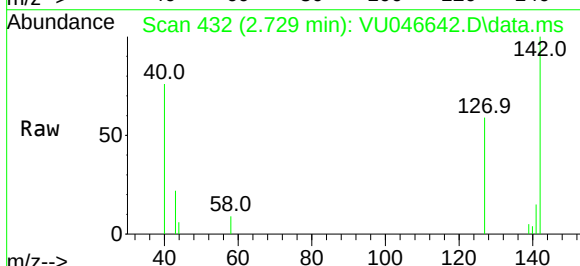
Manual Integrations
APPROVED

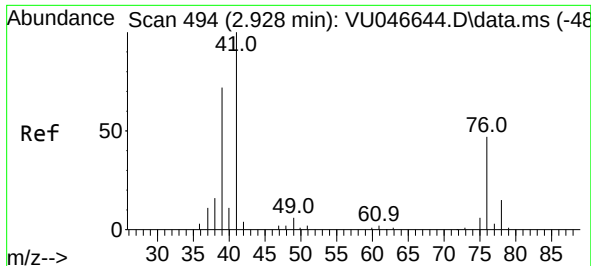
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#10
Iodomethane
Concen: 1.311 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

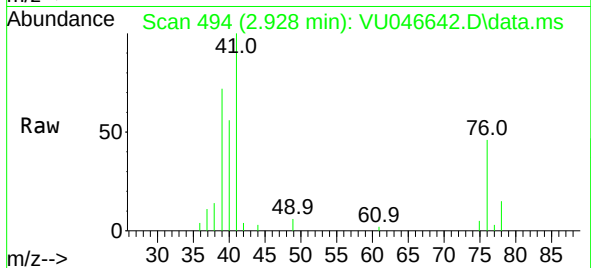
Tgt Ion:142 Resp: 6760
Ion Ratio Lower Upper
142 100
127 55.4 33.2 49.8#





#11
 Allyl Chloride
 Concen: 1.642 ug/l
 RT: 2.928 min Scan# 494
 Delta R.T. -0.000 min
 Lab File: VU046642.D
 Acq: 30 Dec 2021 09:46

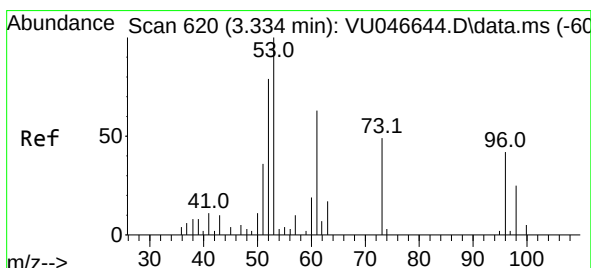
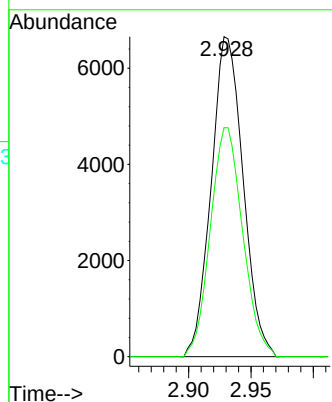
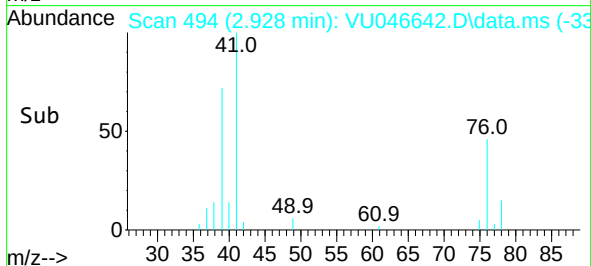
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



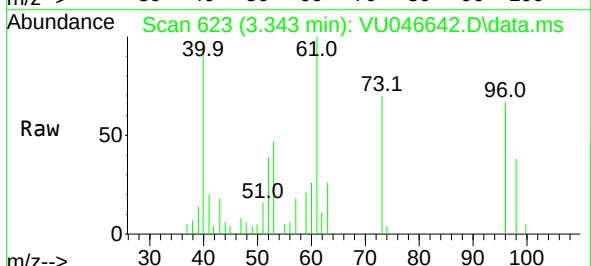
Tgt Ion: 41 Resp: 11852
 Ion Ratio Lower Upper
 41 100
 39 72.4 62.4 93.6

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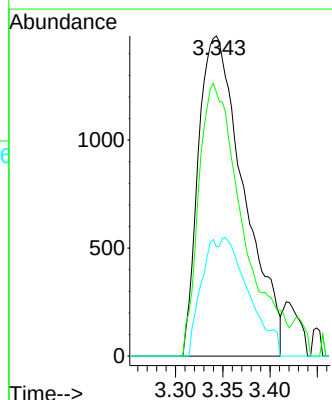
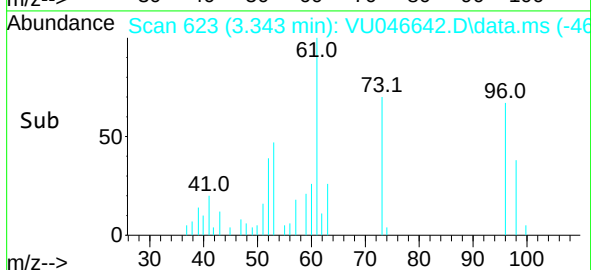
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022

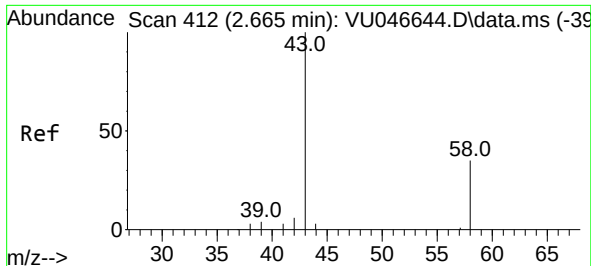


#12
 Acrylonitrile
 Concen: 3.820 ug/l
 RT: 3.343 min Scan# 623
 Delta R.T. 0.010 min
 Lab File: VU046642.D
 Acq: 30 Dec 2021 09:46



Tgt Ion: 53 Resp: 4945
 Ion Ratio Lower Upper
 53 100
 52 82.8 56.7 85.1
 51 13.1 30.3 45.5#





#13

Acetone

Concen: 7.449 ug/l

RT: 2.681 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 1094

Ion Ratio Lower Upper

43 100

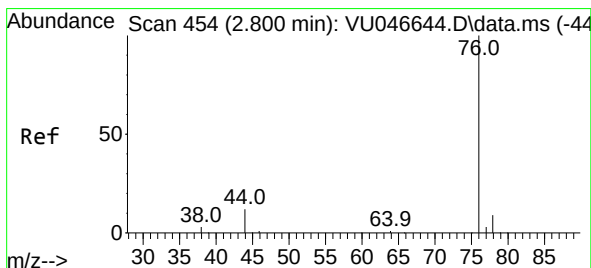
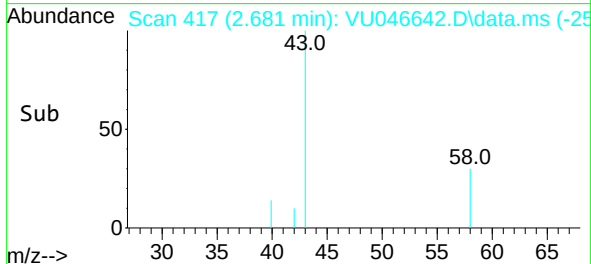
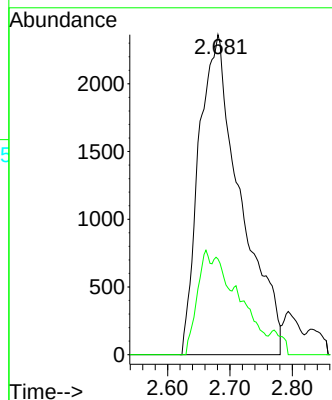
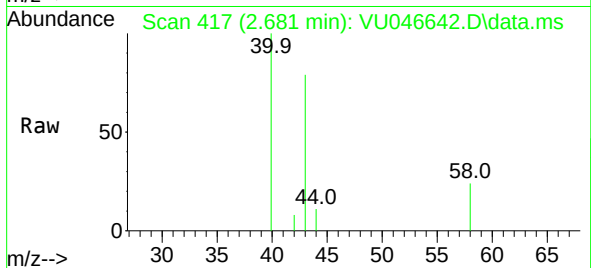
58 29.9 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#14

Carbon Disulfide

Concen: 2.010 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046642.D

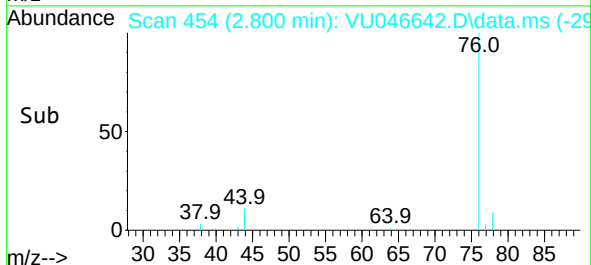
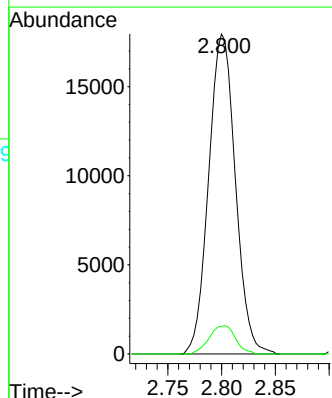
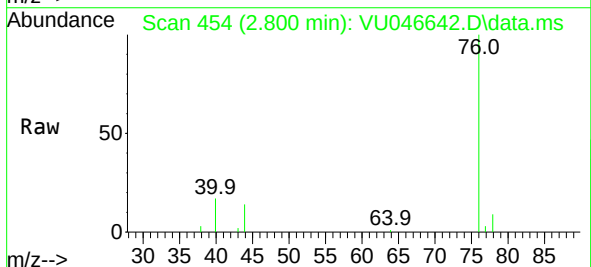
Acq: 30 Dec 2021 09:46

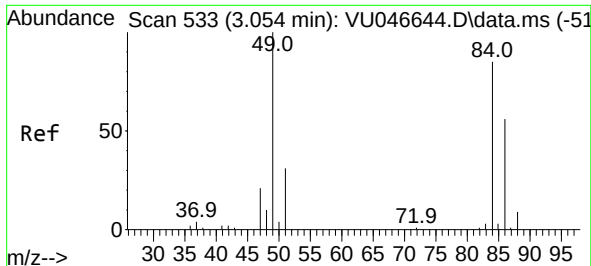
Tgt Ion: 76 Resp: 31009

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7





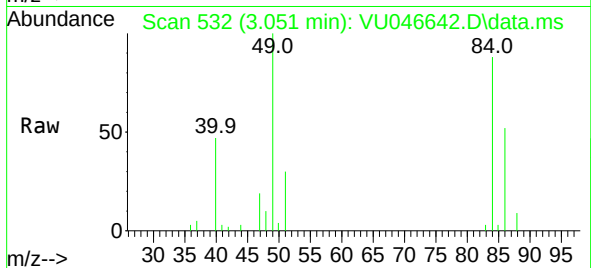
#15
Methylene Chloride
Concen: 1.932 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

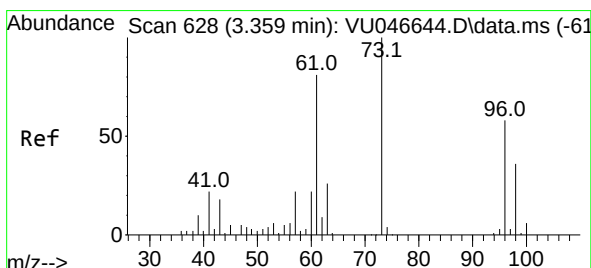
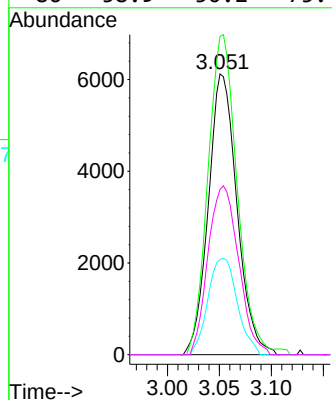
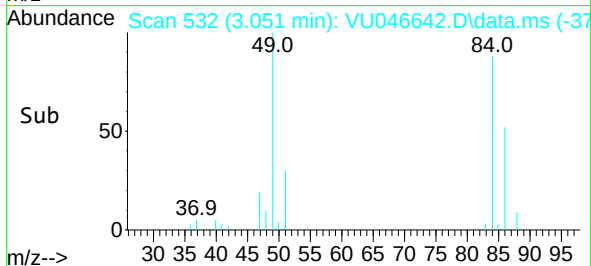


Tgt Ion: 84 Resp: 1174
Ion Ratio Lower Upper
84 100
49 113.4 97.2 145.8
51 33.9 0.0 73.4
86 58.9 50.2 75.4

Manual Integrations

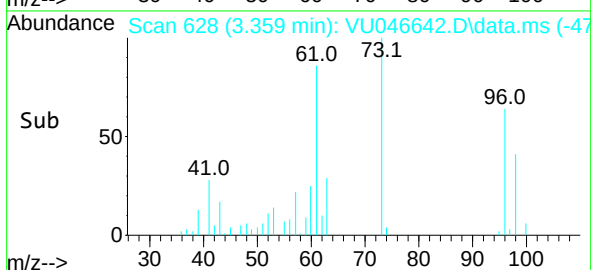
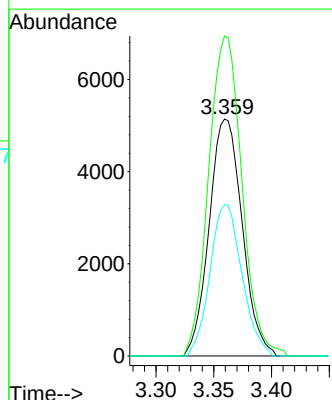
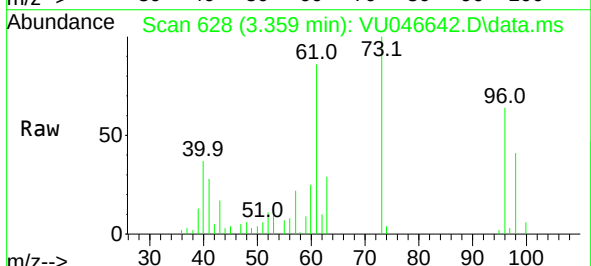
APPROVED

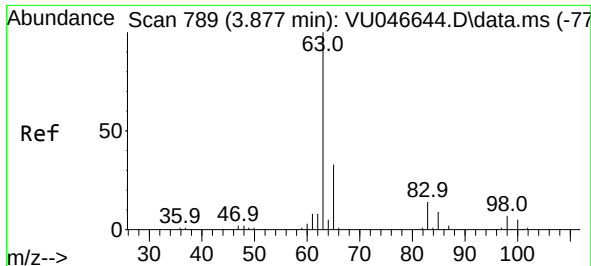
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#16
trans-1,2-Dichloroethene
Concen: 1.893 ug/l
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Tgt Ion: 96 Resp: 10238
Ion Ratio Lower Upper
96 100
61 135.0 115.8 173.6
98 63.8 51.1 76.7





#17
1,1-Dichloroethane
Concen: 1.869 ug/l
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

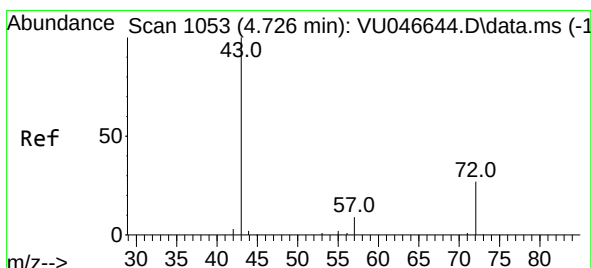
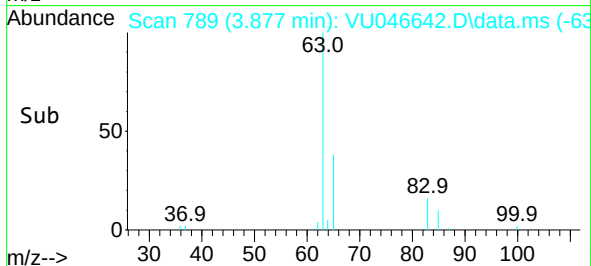
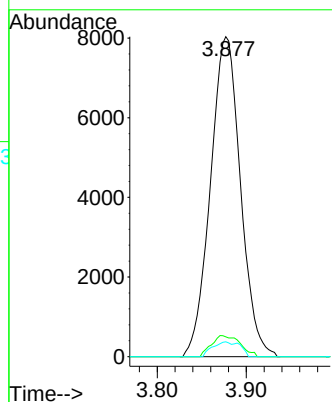
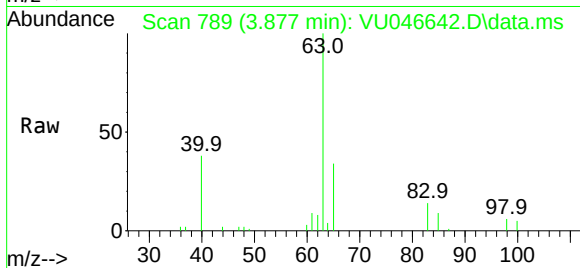
ClientSampleId :

VSTDIC002

Tgt Ion: 63 Resp: 1884
Ion Ratio Lower Upper
63 100
98 6.2 3.6 10.8
100 4.6 2.1 6.5

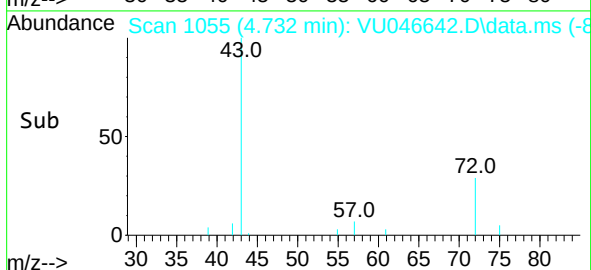
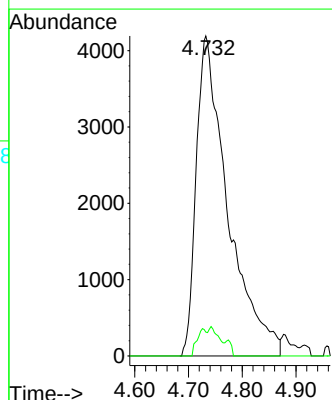
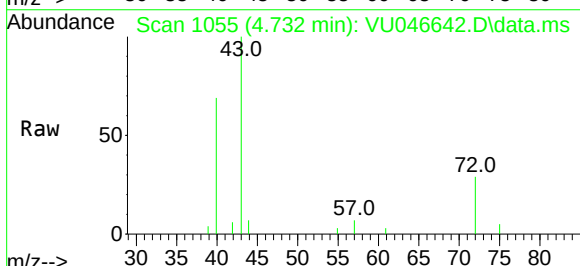
Manual Integrations
APPROVED

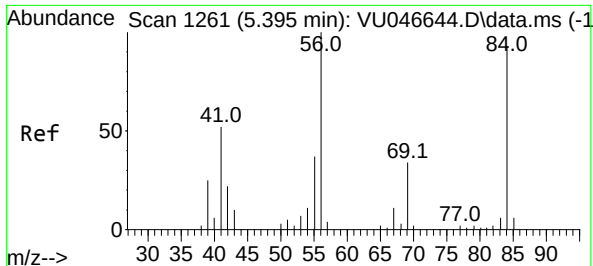
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#18
2-Butanone
Concen: 8.917 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Tgt Ion: 43 Resp: 17088
Ion Ratio Lower Upper
43 100
57 7.4 0.0 16.6





#19

Cyclohexane

Concen: 1.296 ug/l

RT: 5.391 min Scan# 1162

Delta R.T. -0.003 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

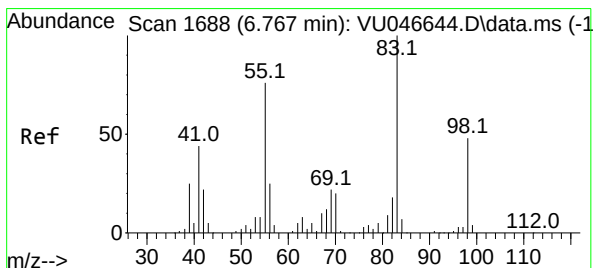
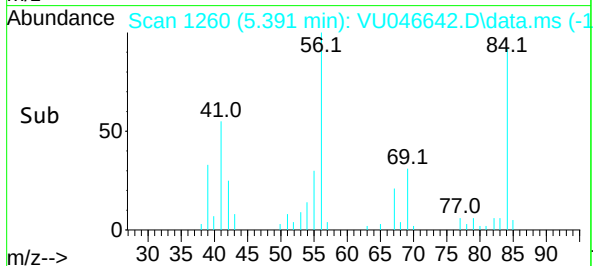
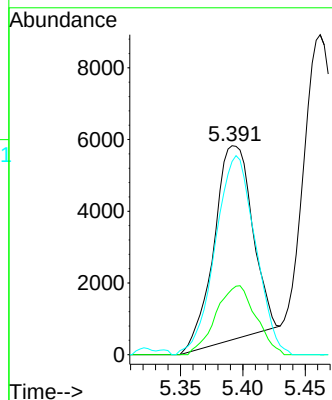
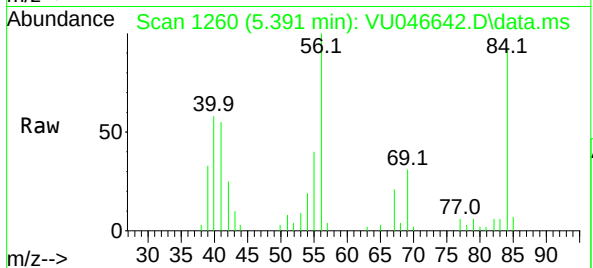
VSTDICC002

Tgt Ion: 56	Resp: 1162
Ion Ratio	Lower Upper
56 100	
69 36.9	24.7 37.1
84 106.6	68.8 103.2

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 1.495 ug/l

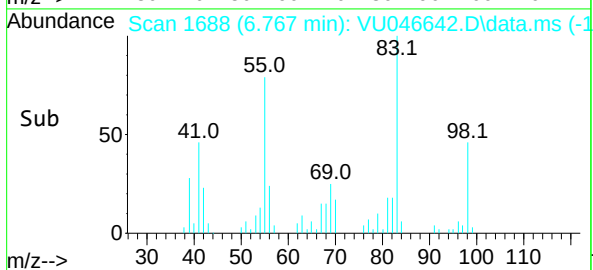
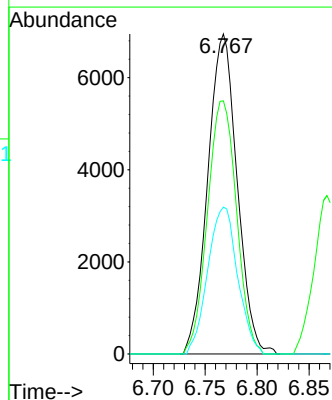
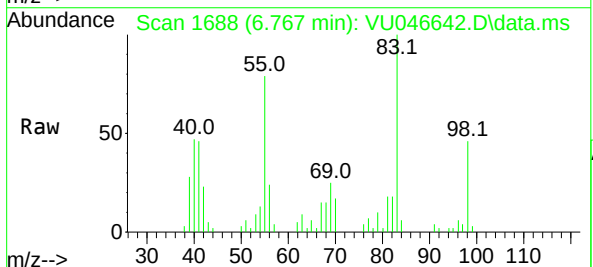
RT: 6.767 min Scan# 1688

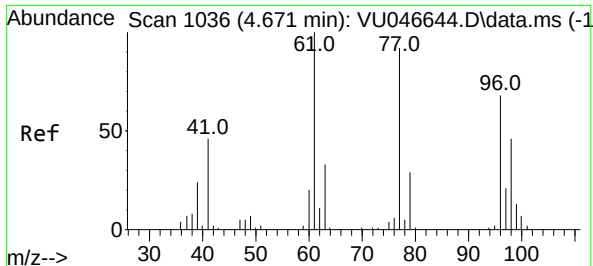
Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Tgt Ion: 83	Resp: 13646
Ion Ratio	Lower Upper
83 100	
55 78.3	61.9 92.9
98 46.6	37.4 56.2





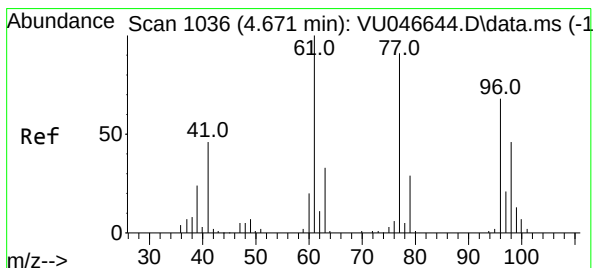
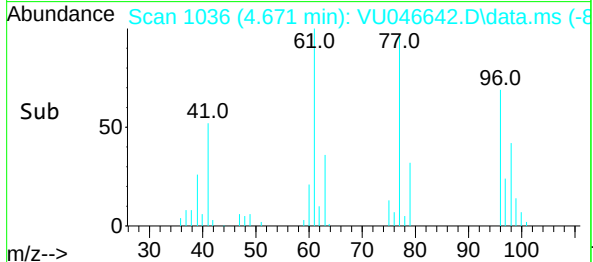
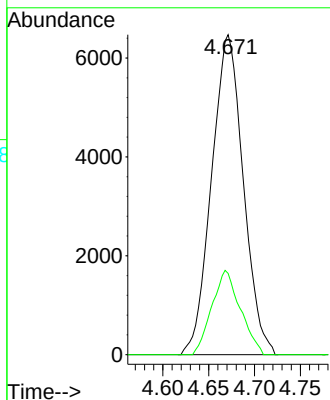
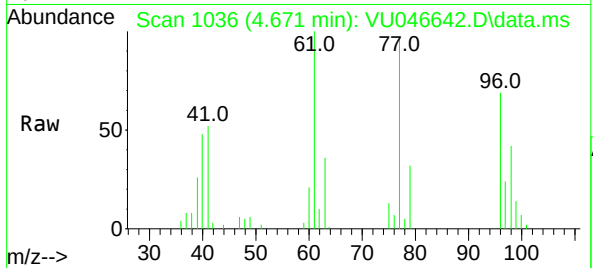
#21
2,2-Dichloropropane
Concen: 1.812 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 77 Resp: 15570
Ion Ratio Lower Upper
77 100
97 23.7 17.2 25.8

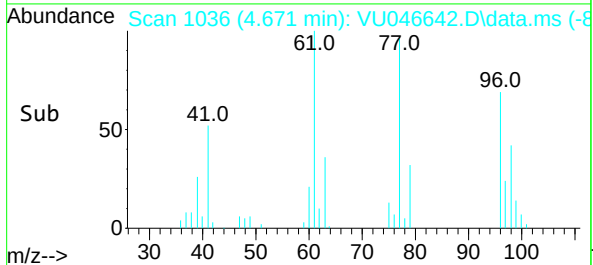
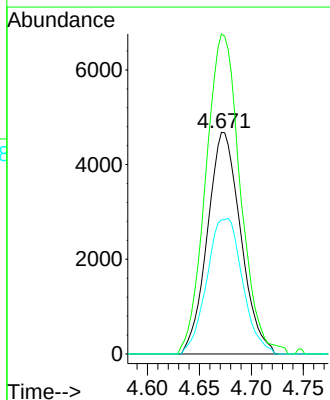
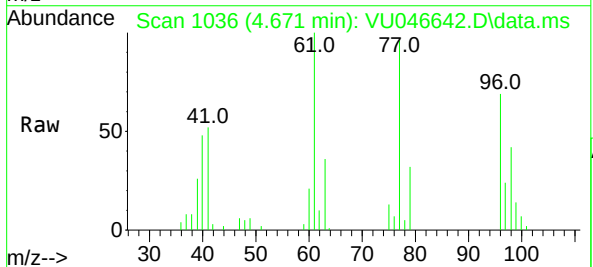
Manual Integrations
APPROVED

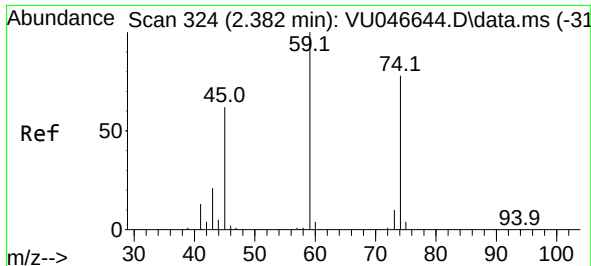
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#22
cis-1,2-Dichloroethene
Concen: 1.758 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Tgt Ion: 96 Resp: 10424
Ion Ratio Lower Upper
96 100
61 149.6 0.0 385.3
98 65.2 32.1 96.3





#23

Diethyl Ether

Concen: 1.617 ug/l

RT: 2.382 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

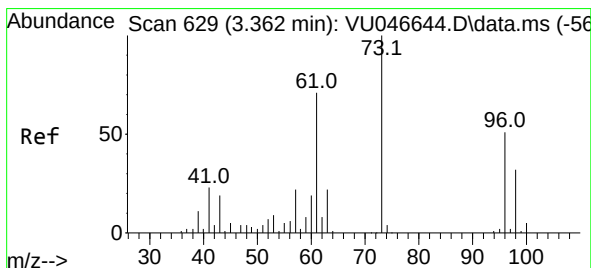
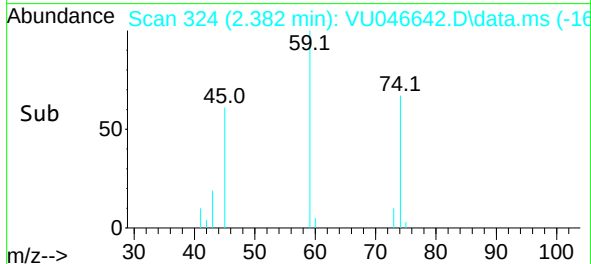
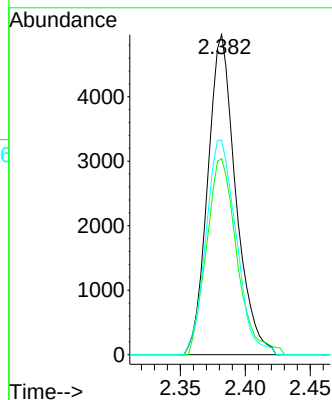
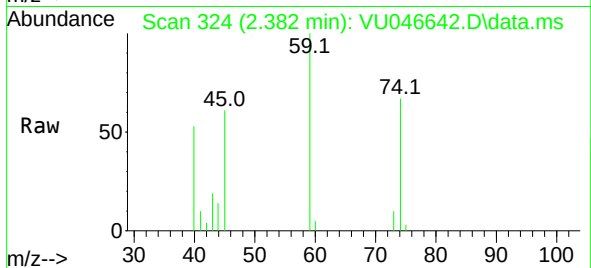
Tgt Ion: 59 Resp: 744

Ion	Ratio	Lower	Upper
59	100		
45	66.3	55.6	83.4
74	72.2	58.1	87.1

Manual Integrations

APPROVED

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



#24

tert-Butyl Alcohol

Concen: 21.194 ug/l m

RT: 3.362 min Scan# 629

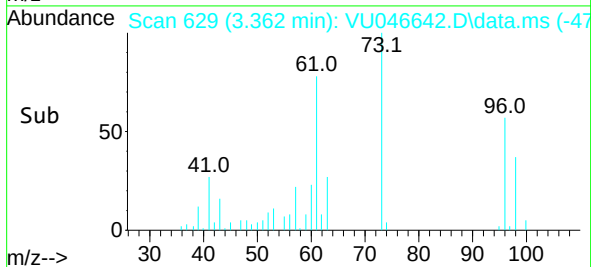
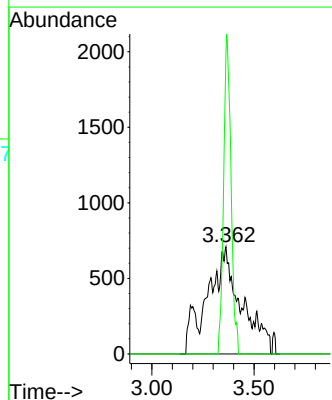
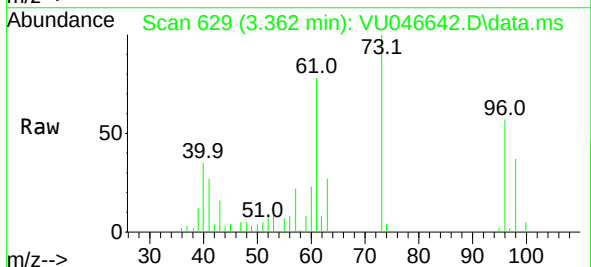
Delta R.T. -0.000 min

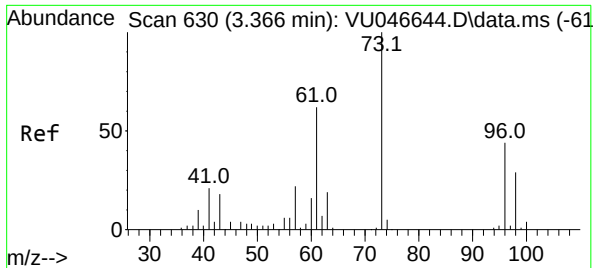
Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Tgt Ion: 59 Resp: 8326

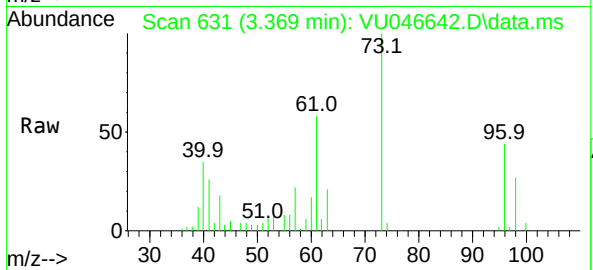
Ion	Ratio	Lower	Upper
59	100		
57	63.9	6.5	9.7#





#25
Methyl tert-Butyl Ether
Concen: 1.632 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

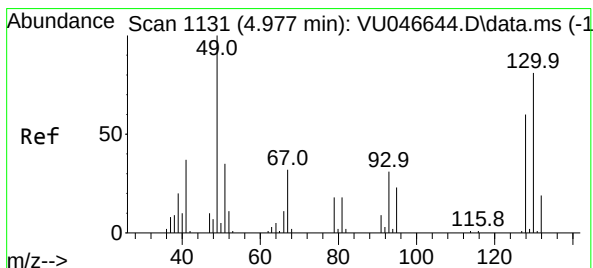
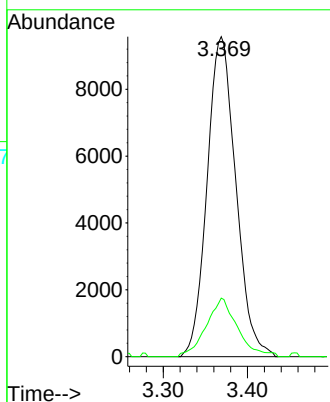
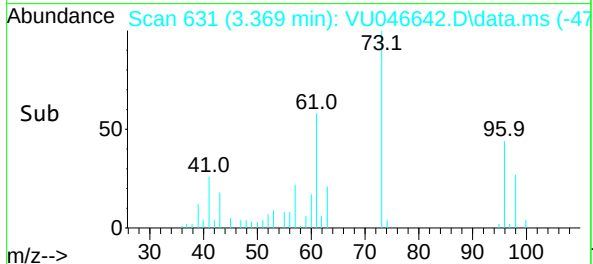
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



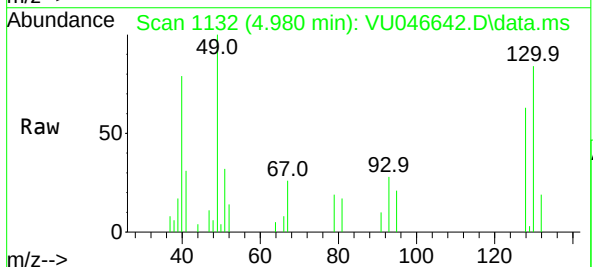
Tgt Ion: 73 Resp: 22680
Ion Ratio Lower Upper
73 100
43 19.8 16.3 24.5

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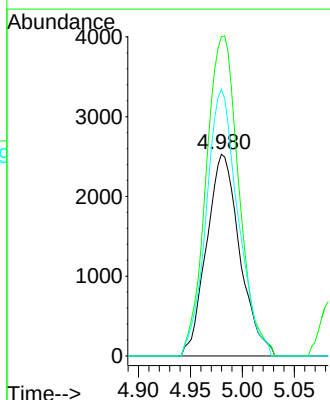
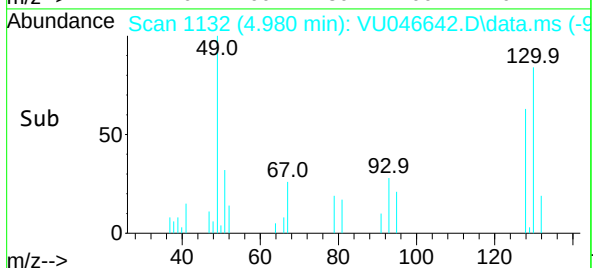
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

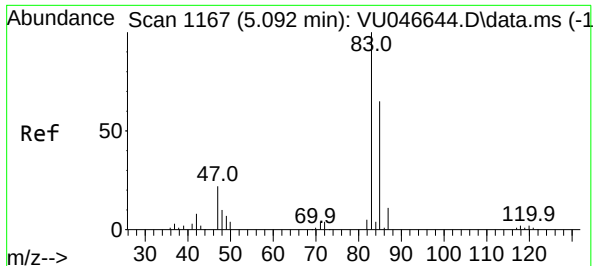


#26
Bromochloromethane
Concen: 2.180 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46



Tgt Ion:128 Resp: 5629
Ion Ratio Lower Upper
128 100
49 156.4 0.0 347.4
130 126.8 101.5 152.3





#27

Chloroform

Concen: 1.978 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 83 Resp: 20670

Ion Ratio Lower Upper

83 100

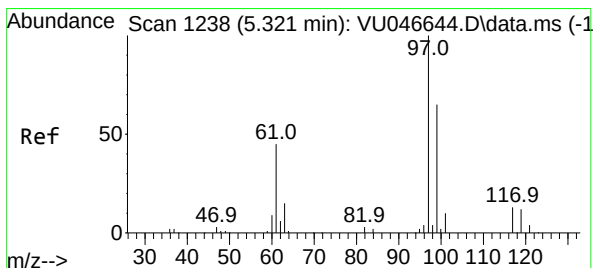
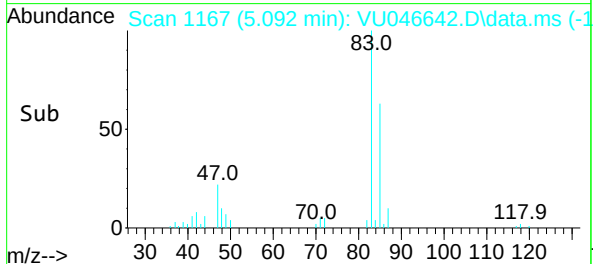
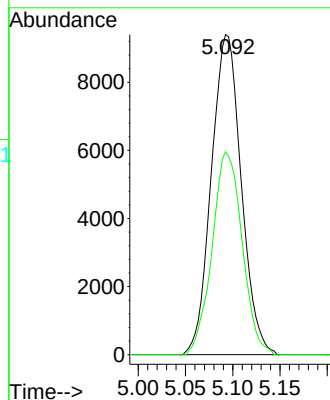
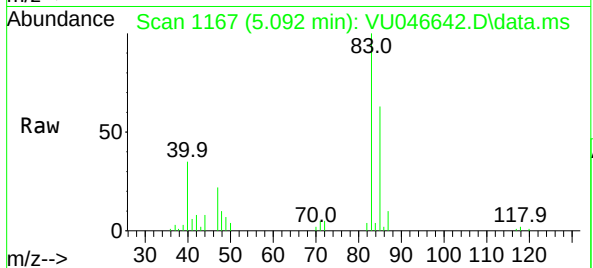
85 63.4 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#28

1,1,1-Trichloroethane

Concen: 2.036 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

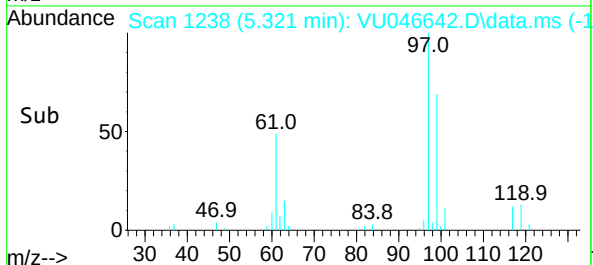
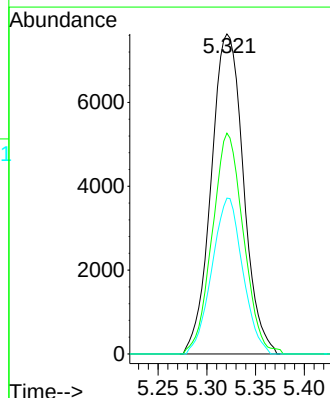
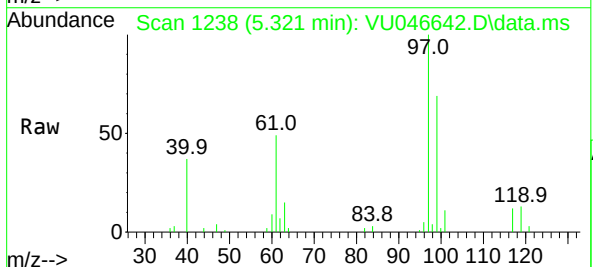
Tgt Ion: 97 Resp: 17568

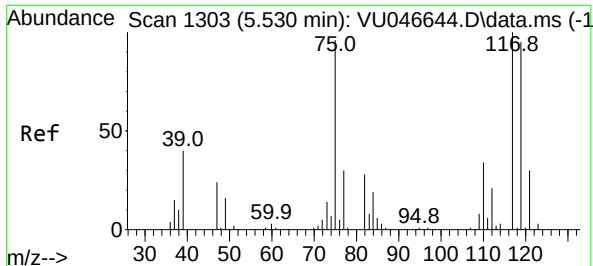
Ion Ratio Lower Upper

97 100

99 66.7 32.2 96.6

61 46.4 24.5 73.5





#29

1,1-Dichloropropene

Concen: 1.780 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

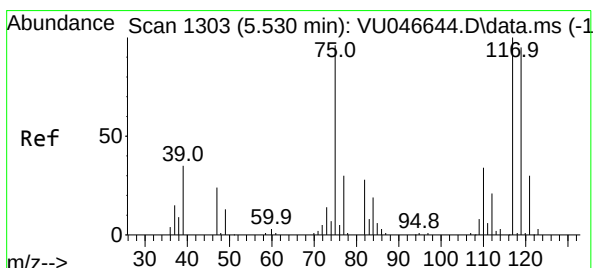
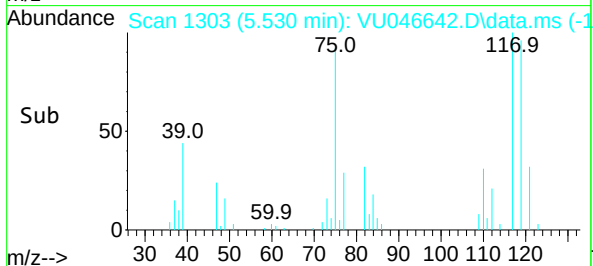
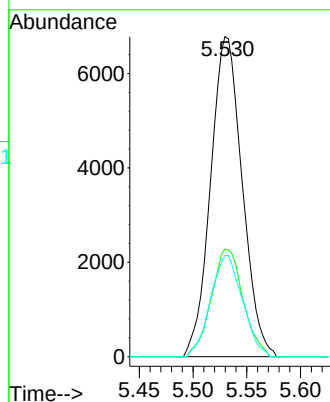
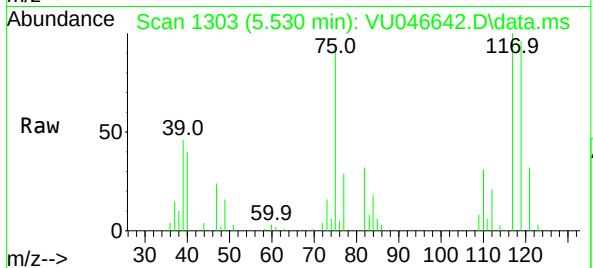
Tgt Ion: 75 Resp: 1385

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.8	50.3
77	32.0	24.7	37.1

Manual Integrations

APPROVED

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



#30

Carbon Tetrachloride

Concen: 2.386 ug/l

RT: 5.530 min Scan# 1303

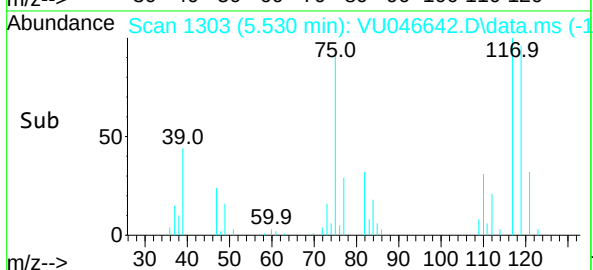
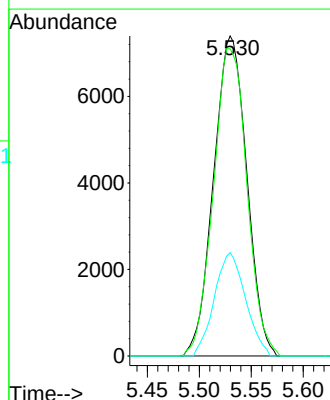
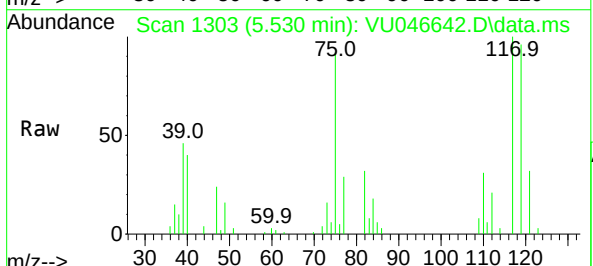
Delta R.T. -0.000 min

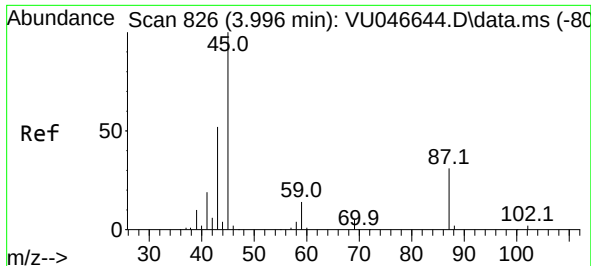
Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Tgt Ion:117 Resp: 16427

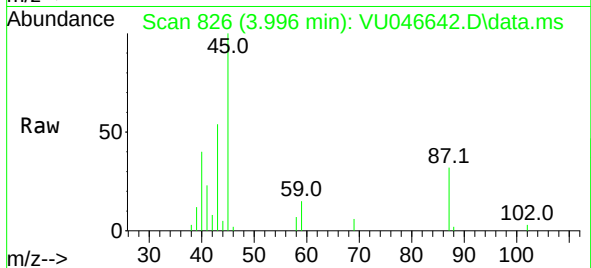
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.8	115.2
121	32.3	24.6	37.0





#31
Isopropyl Ether
Concen: 1.426 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

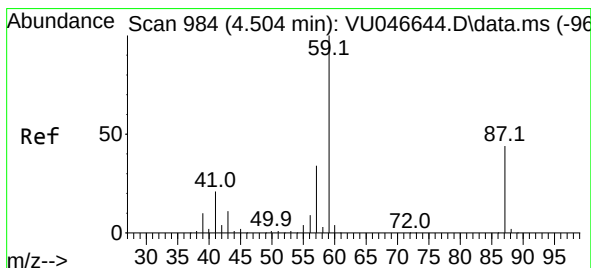
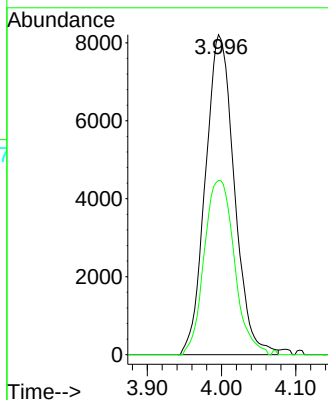
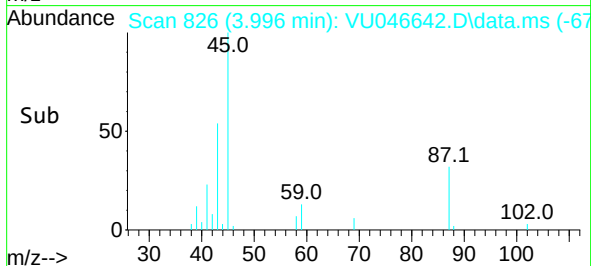
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



Tgt Ion: 45 Resp: 2223
Ion Ratio Lower Upper
45 100
43 56.9 25.3 75.8

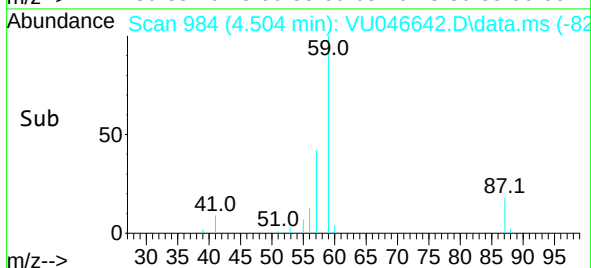
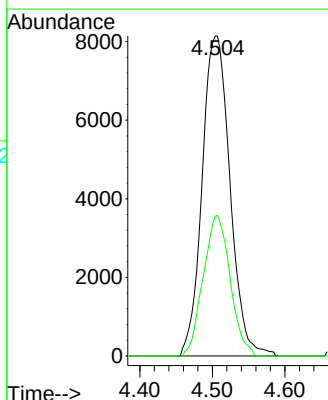
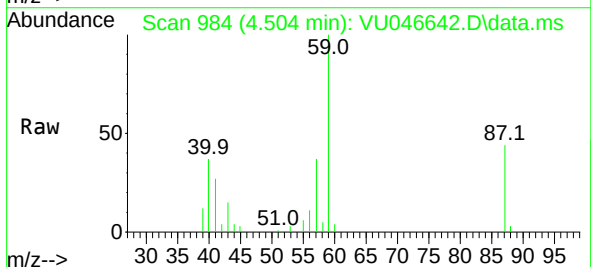
Manual Integrations
APPROVED

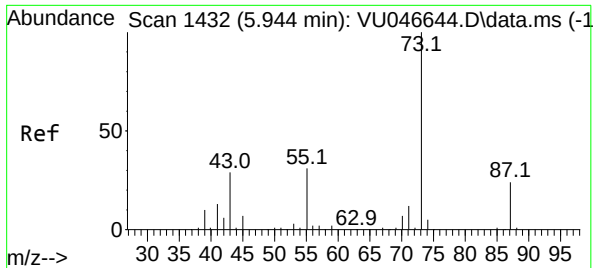
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#32
Ethyl-t-butyl ether
Concen: 1.391 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Tgt Ion: 59 Resp: 21752
Ion Ratio Lower Upper
59 100
87 42.4 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 1.485 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

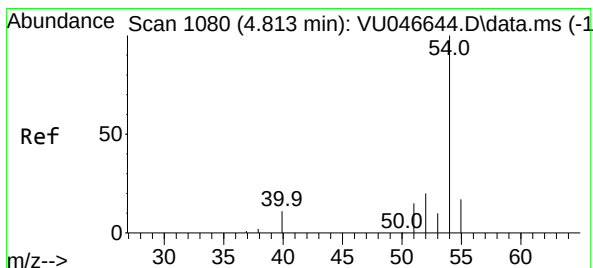
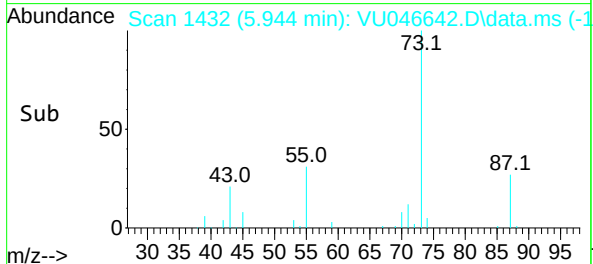
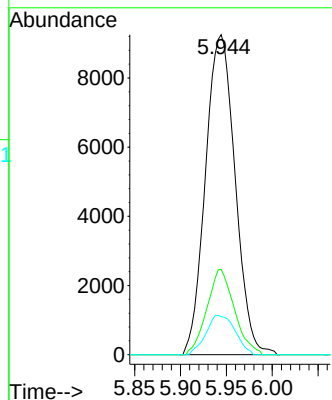
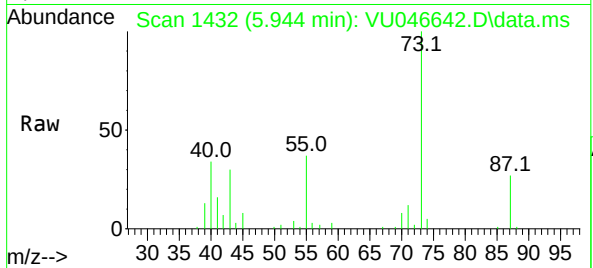
VSTDIC002

Tgt Ion: 73 Resp: 20810
Ion Ratio Lower Upper
73 100
87 24.7 18.6 28.0
71 12.1 9.0 13.6

Manual Integrations

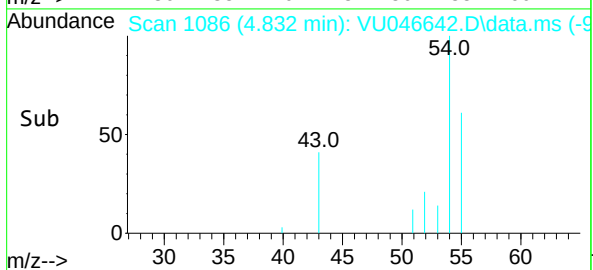
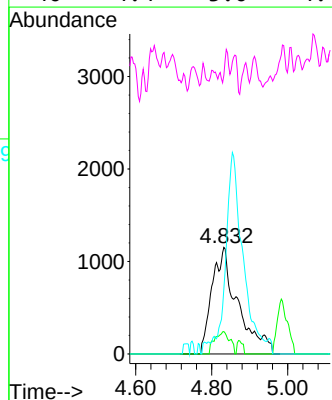
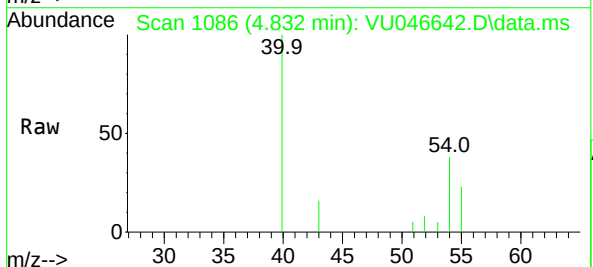
APPROVED

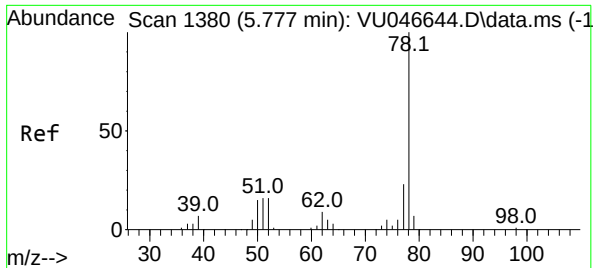
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#34
Propionitrile
Concen: 11.109 ug/l m
RT: 4.832 min Scan# 1086
Delta R.T. 0.019 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Tgt Ion: 54 Resp: 5423
Ion Ratio Lower Upper
54 100
52 0.0 11.9 17.9#
55 0.0 8.0 12.0#
40 4.4 3.0 4.4





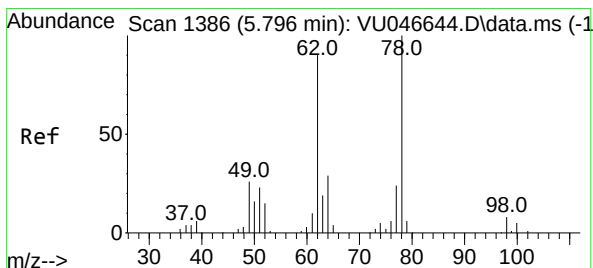
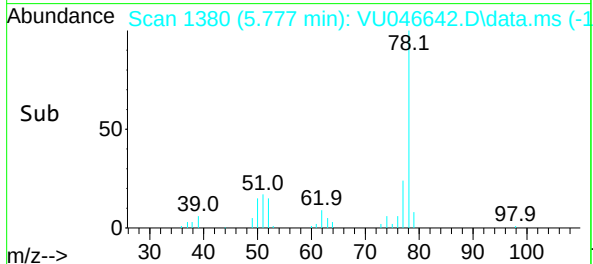
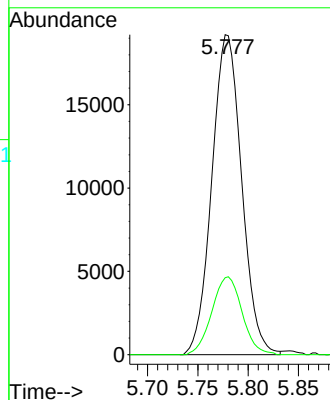
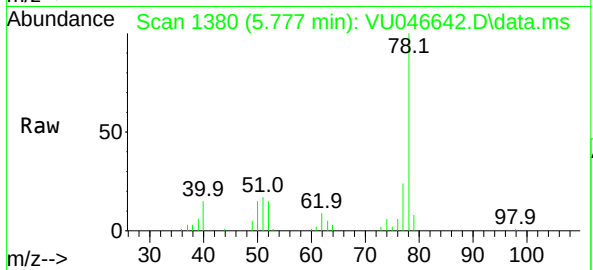
#35
Benzene
Concen: 1.768 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 78 Resp: 39628
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

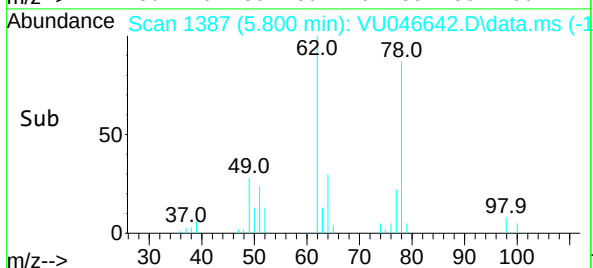
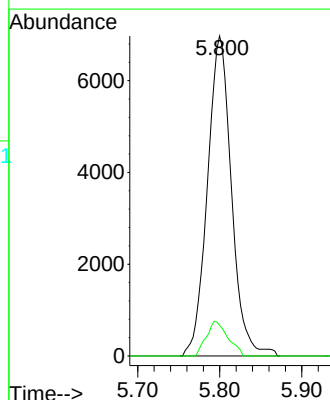
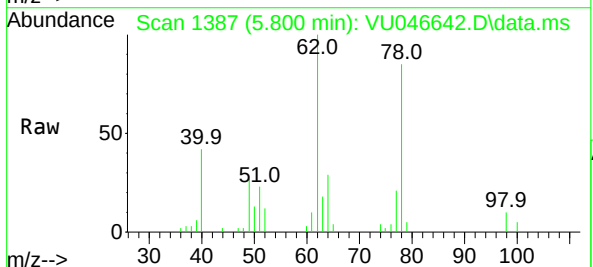
Manual Integrations
APPROVED

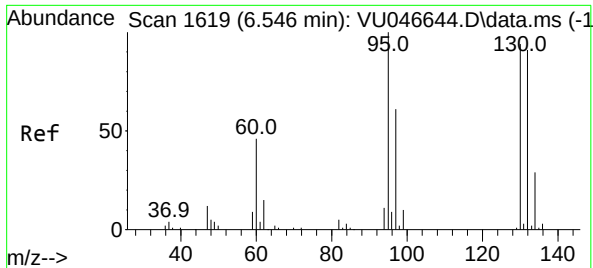
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#36
1,2-Dichloroethane
Concen: 1.967 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

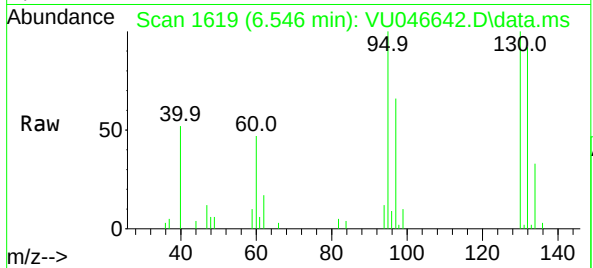
Tgt Ion: 62 Resp: 14222
Ion Ratio Lower Upper
62 100
98 9.6 7.3 10.9





#37
Trichloroethene
Concen: 1.878 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

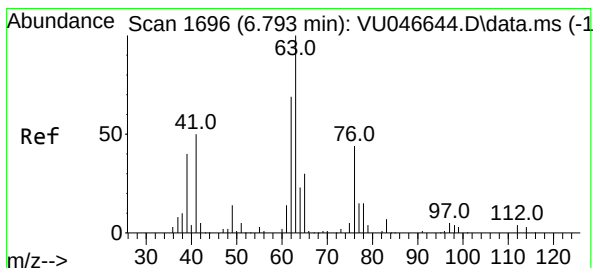
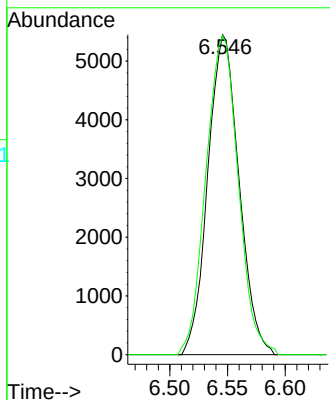
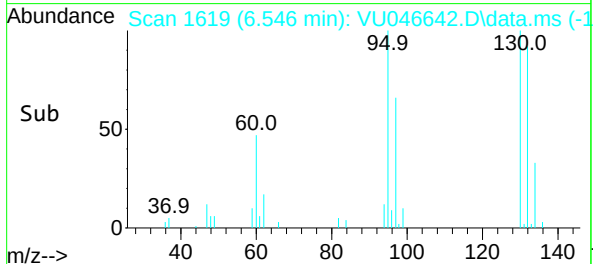
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



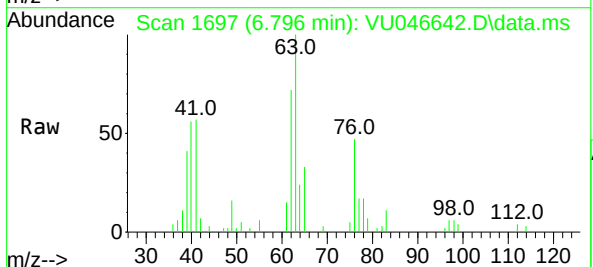
Tgt Ion:130 Resp: 10240
Ion Ratio Lower Upper
130 100
95 99.7 83.8 125.8

Manual Integrations
APPROVED

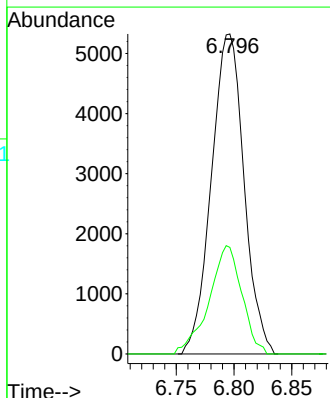
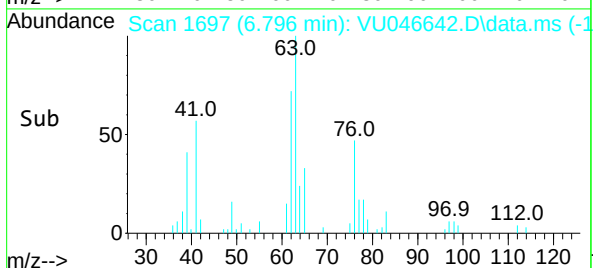
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

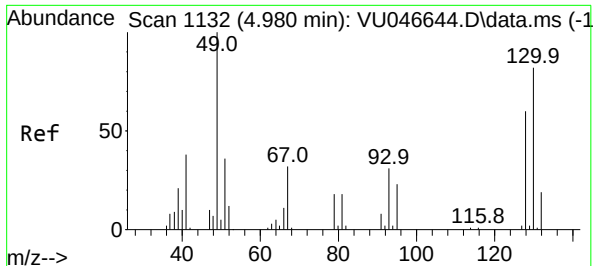


#38
1,2-Dichloropropane
Concen: 1.798 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46



Tgt Ion: 63 Resp: 10469
Ion Ratio Lower Upper
63 100
65 33.3 24.7 37.1





#39

Methacrylonitrile

Concen: 1.714 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

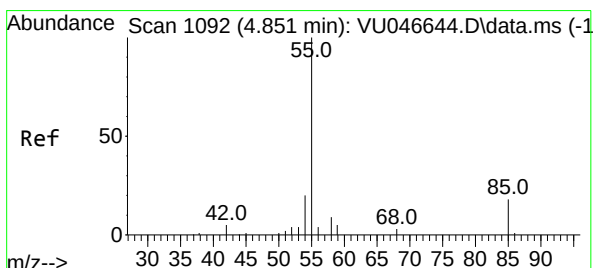
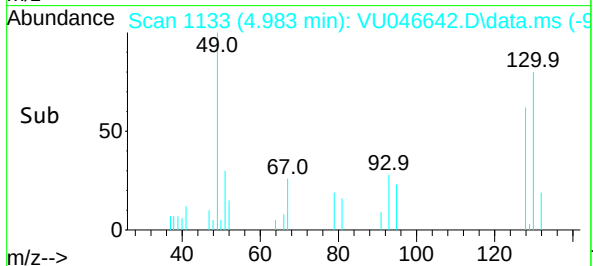
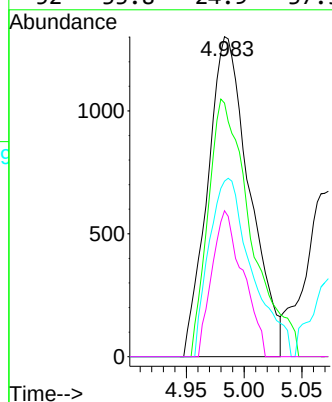
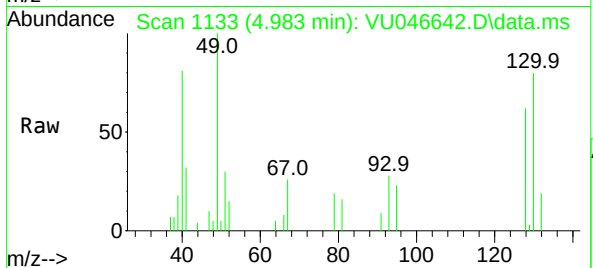
VSTDIC002

Tgt Ion: 41	Resp: 329
Ion Ratio	Lower Upper
41 100	
67 81.8	65.2 97.8
39 56.7	43.0 64.6
52 33.8	24.9 37.3

Manual Integrations

APPROVED

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



#40

Methyl acrylate

Concen: 1.701 ug/l

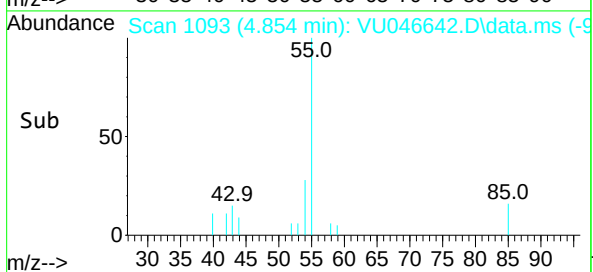
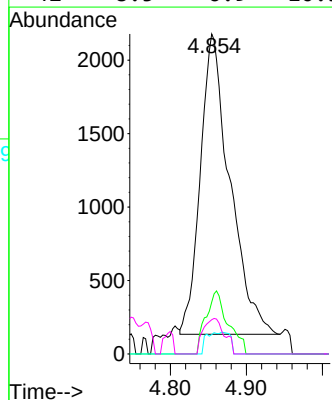
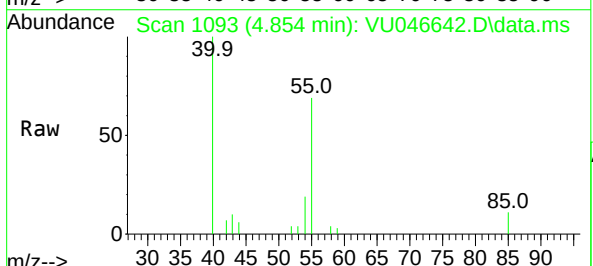
RT: 4.854 min Scan# 1093

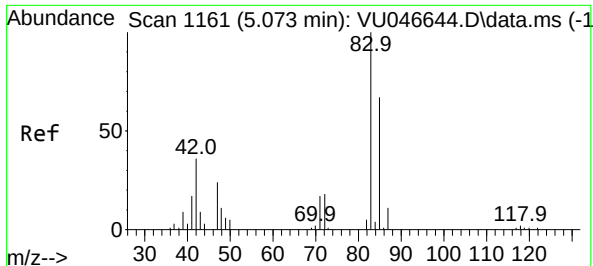
Delta R.T. 0.003 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Tgt Ion: 55	Resp: 5521
Ion Ratio	Lower Upper
55 100	
85 15.7	12.2 18.2
58 5.7	6.7 10.1#
42 8.5	6.9 10.3





#41

Tetrahydrofuran

Concen: 2.802 ug/l

RT: 5.076 min Scan# 1161

Delta R.T. 0.003 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

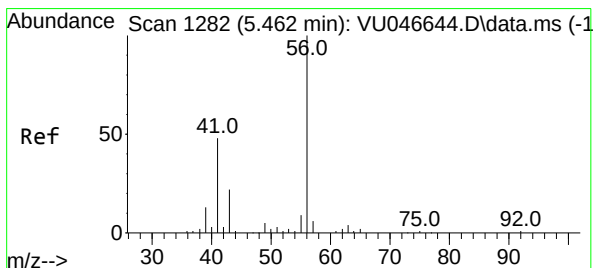
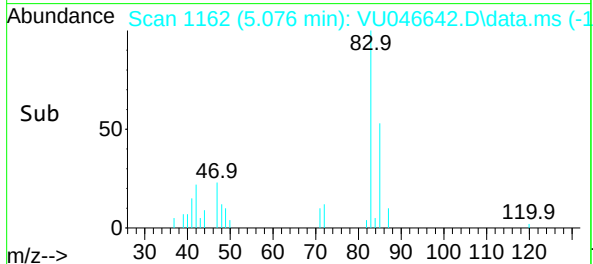
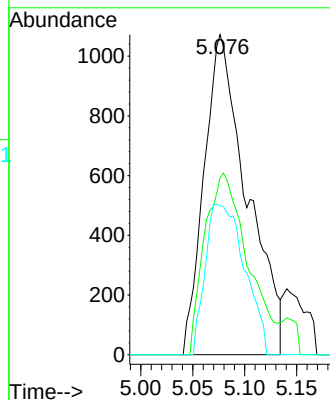
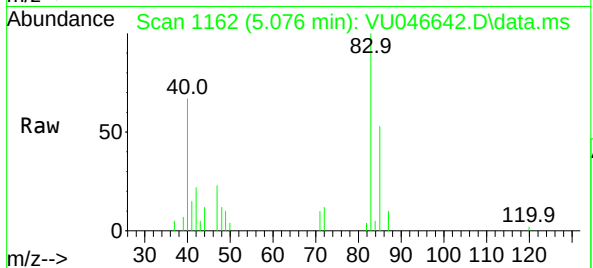
VSTDICC002

Tgt Ion:	42	Resp:	3079
Ion Ratio	Lower	Upper	
42	100		
72	56.9	42.4	63.6
71	43.0	36.4	54.6

Manual Integrations

APPROVED

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



#42

1-Chlorobutane

Concen: 1.648 ug/l

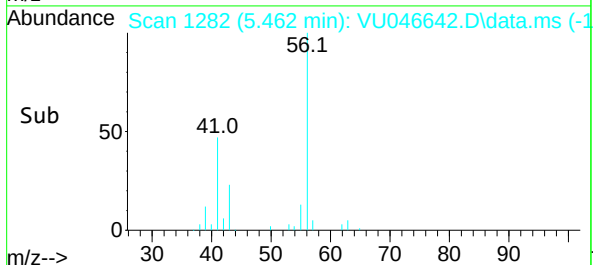
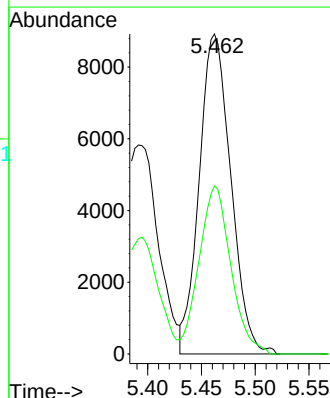
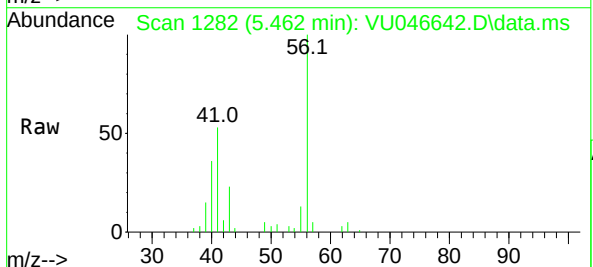
RT: 5.462 min Scan# 1282

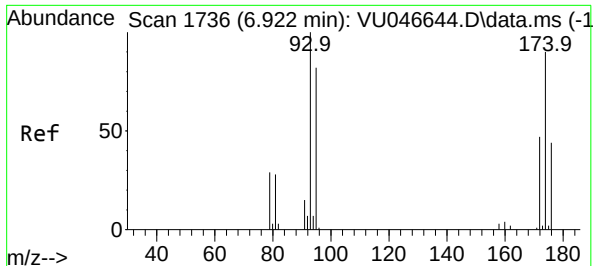
Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Tgt Ion:	56	Resp:	18237
Ion Ratio	Lower	Upper	
56	100		
41	53.2	26.0	78.0





#43

Dibromomethane

Concen: 2.196 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 93 Resp: 6518

Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.2

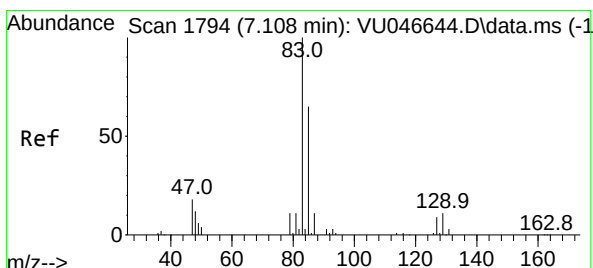
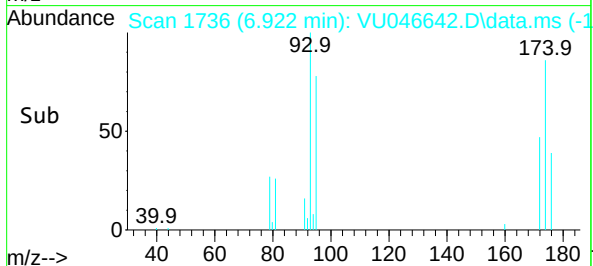
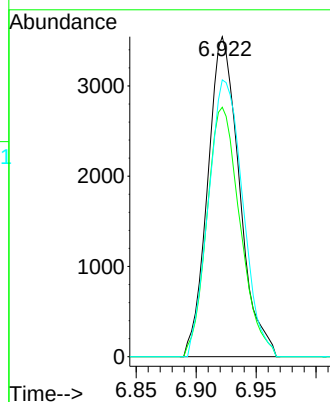
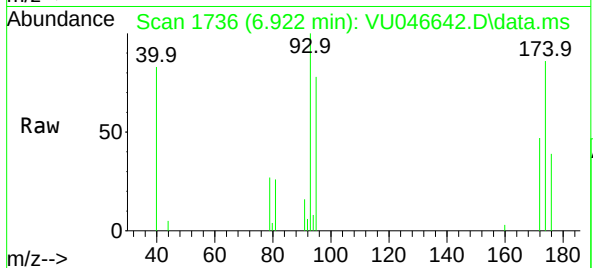
174 93.4 70.7 106.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#44

Bromodichloromethane

Concen: 2.149 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

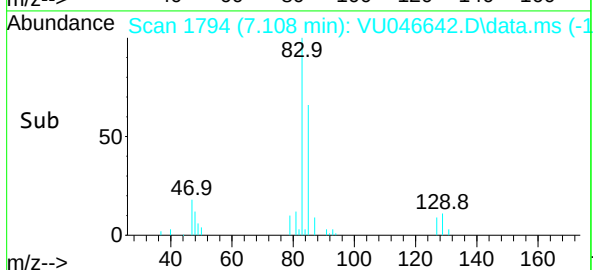
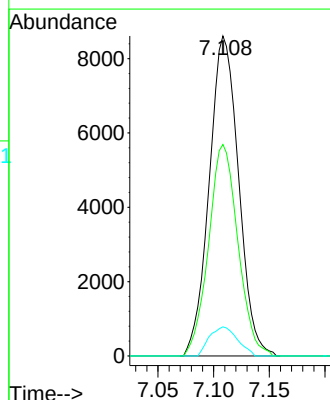
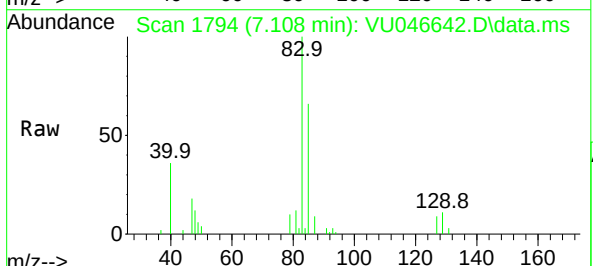
Tgt Ion: 83 Resp: 15799

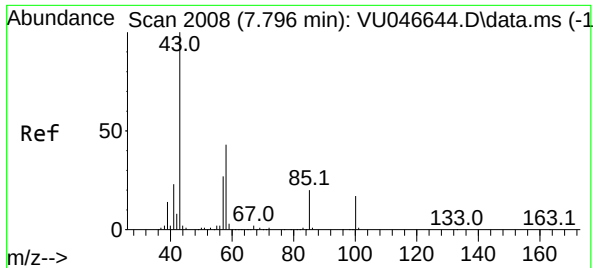
Ion Ratio Lower Upper

83 100

85 66.1 50.9 76.3

127 9.1 6.0 9.0#





#45

4-Methyl-2-Pentanone

Concen: 7.975 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

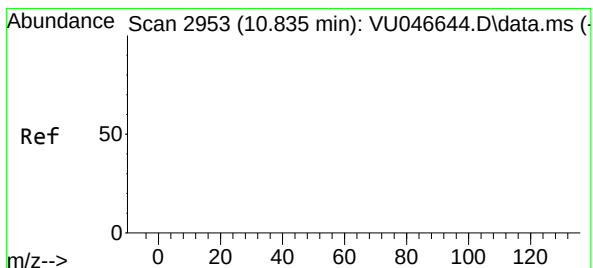
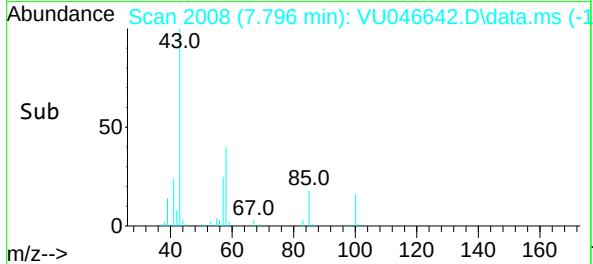
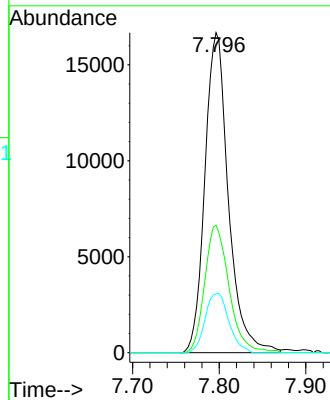
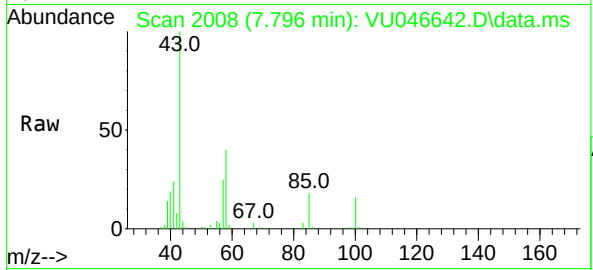
VSTDIC002

Tgt Ion: 43	Resp: 3144
Ion Ratio	Lower Upper
43 100	
58 41.3	21.0 63.0
85 18.7	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: 4.431 ug/l m

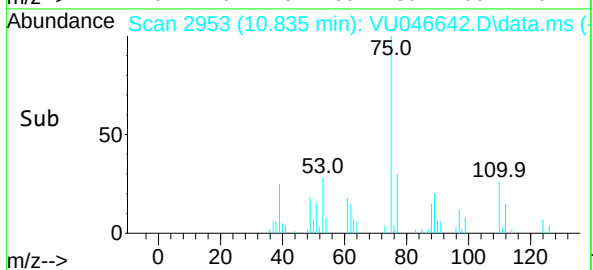
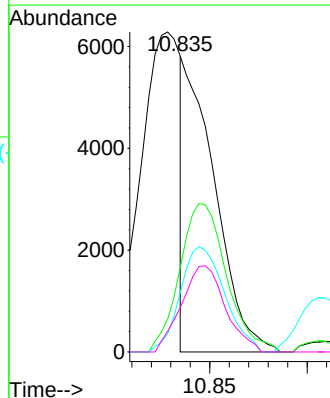
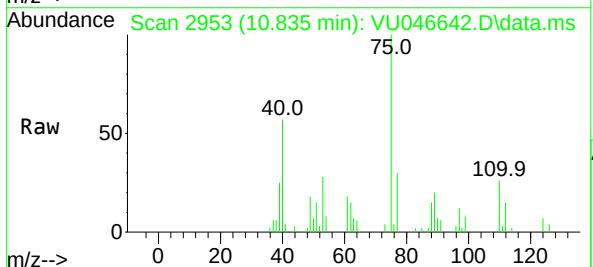
RT: 10.835 min Scan# 2953

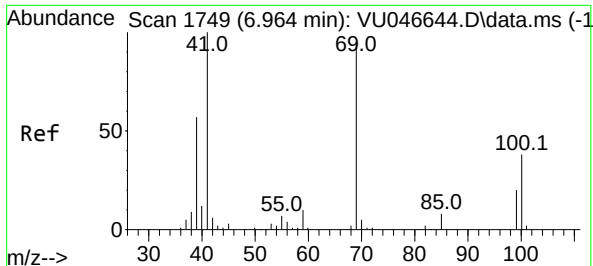
Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Tgt Ion: 75	Resp: 6423
Ion Ratio	Lower Upper
75 100	
53 75.6	66.8 100.2
89 51.0	41.7 62.5
88 41.3	32.3 48.5





#47

Methyl methacrylate

Concen: 3.334 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

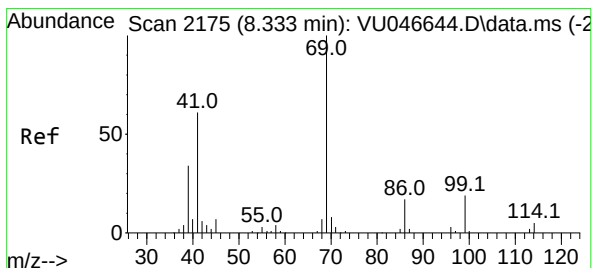
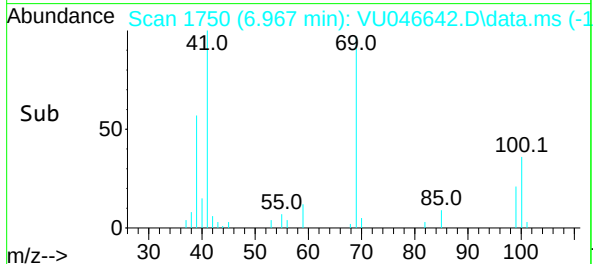
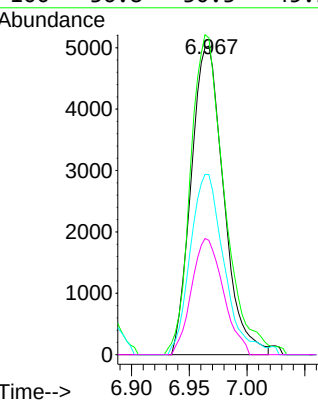
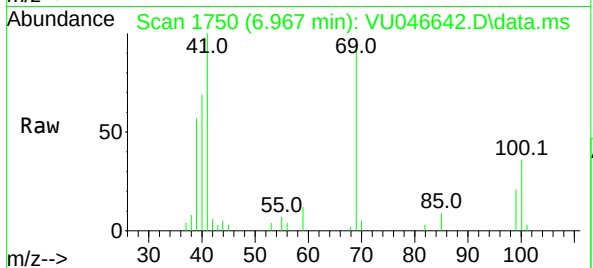
Tgt Ion:	69	Resp:	982
Ion	Ratio	Lower	Upper
69	100		
41	108.2	0.0	230.0
39	61.2	55.1	82.7
100	36.8	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#48

Ethyl methacrylate

Concen: 1.498 ug/l

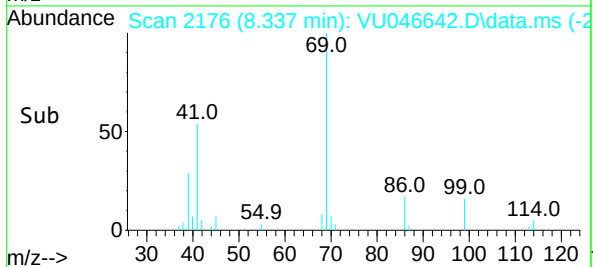
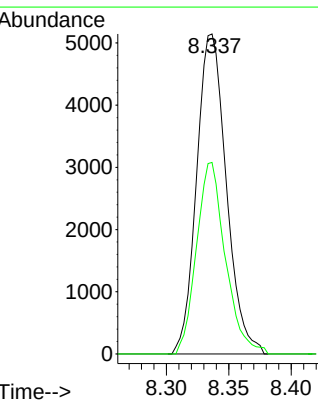
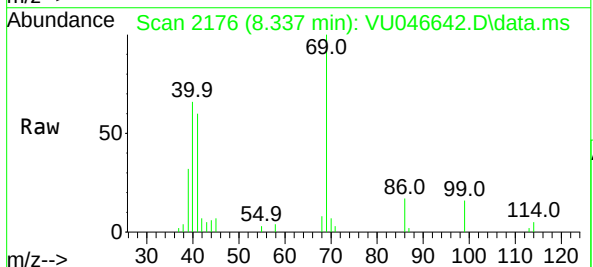
RT: 8.337 min Scan# 2176

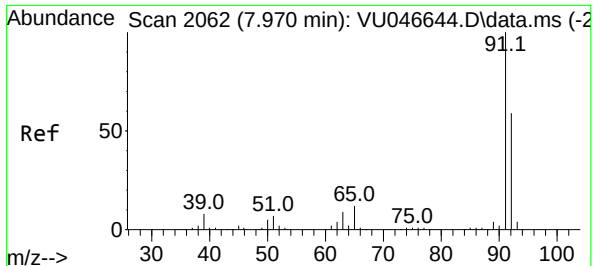
Delta R.T. 0.003 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Tgt Ion:	69	Resp:	8540
Ion	Ratio	Lower	Upper
69	100		
41	58.2	32.6	98.0





#49

Toluene

Concen: 1.697 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 92 Resp: 23429

Ion Ratio Lower Upper

92 100

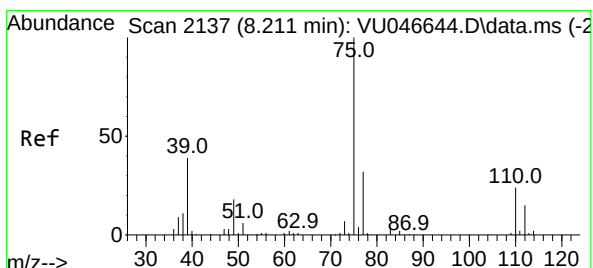
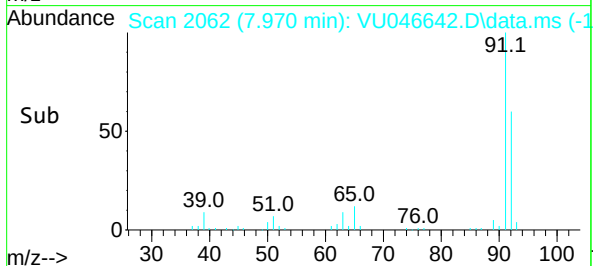
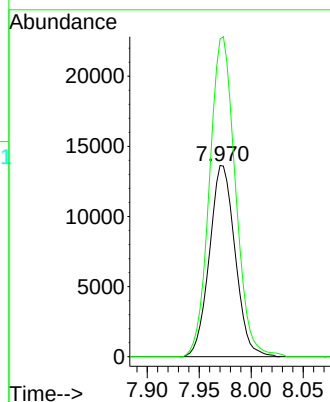
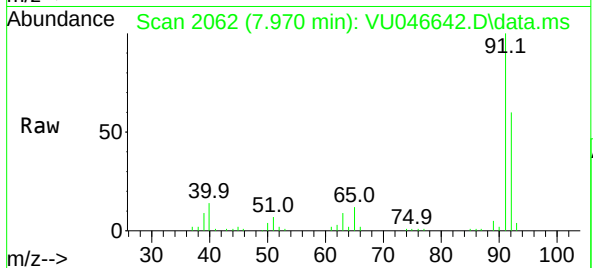
91 169.0 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#50

t-1,3-Dichloropropene

Concen: 1.855 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046642.D

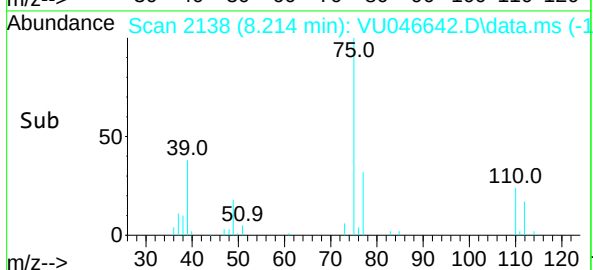
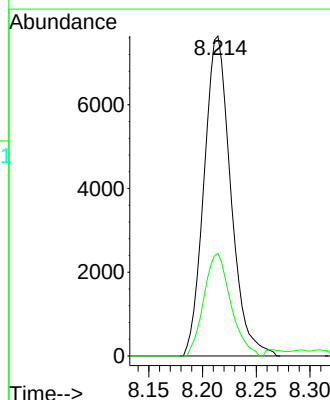
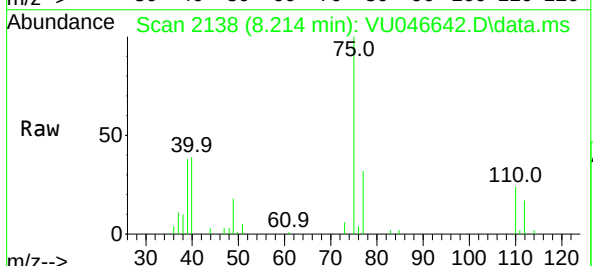
Acq: 30 Dec 2021 09:46

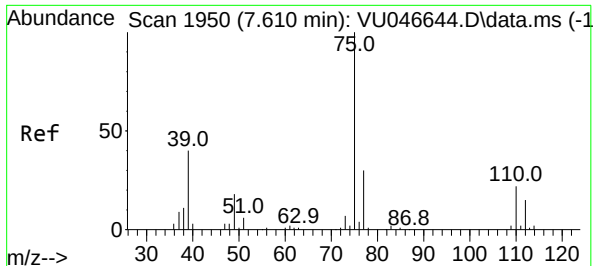
Tgt Ion: 75 Resp: 13208

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4





#51

cis-1,3-Dichloropropene

Concen: 1.751 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

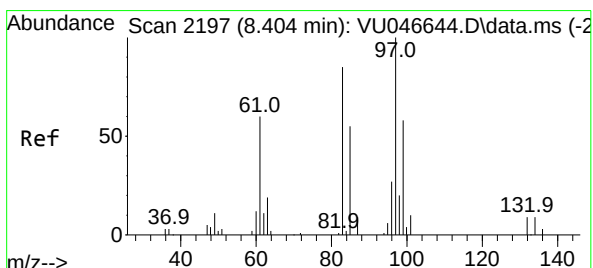
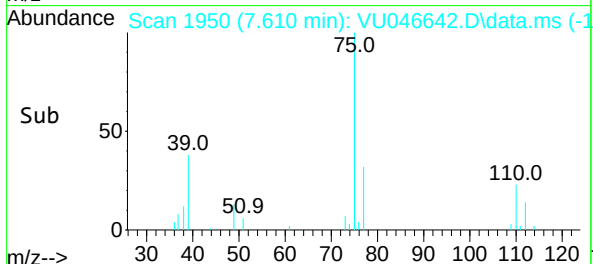
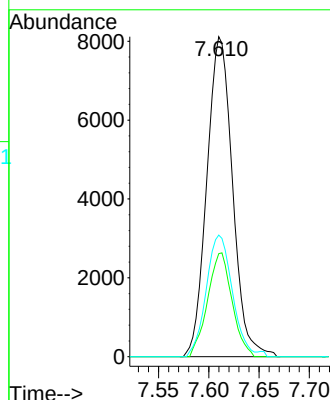
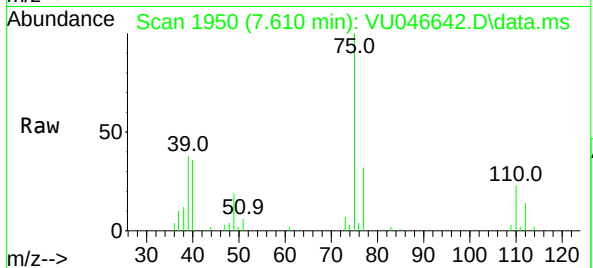
Tgt Ion: 75 Resp: 1443

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.2	37.8
39	38.0	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: 2.101 ug/l

RT: 8.404 min Scan# 2197

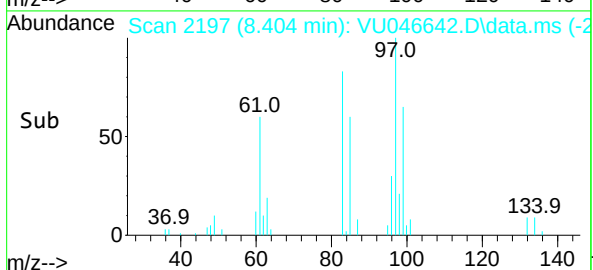
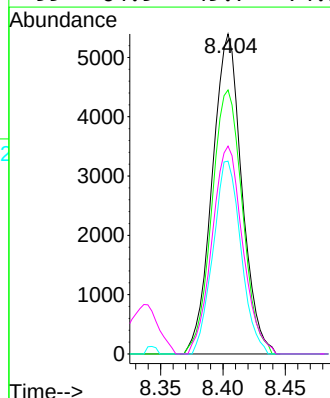
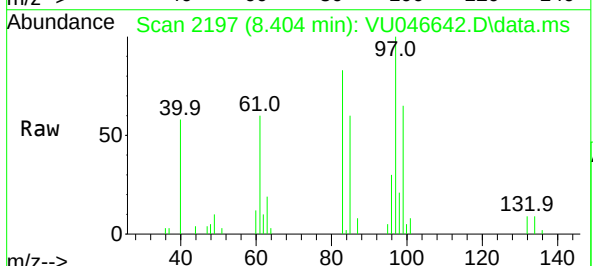
Delta R.T. -0.000 min

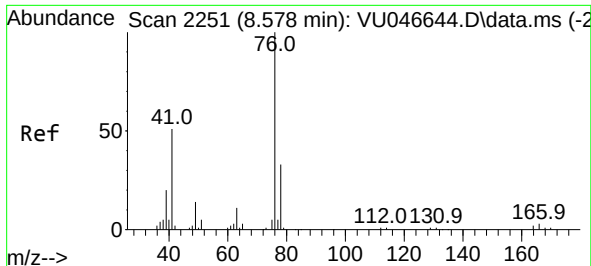
Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Tgt Ion: 97 Resp: 8917

Ion	Ratio	Lower	Upper
97	100		
83	82.5	69.8	104.8
85	60.2	44.2	66.4
99	64.9	49.7	74.5





#53

1,3-Dichloropropane

Concen: 1.888 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 76 Resp: 1483

Ion Ratio Lower Upper

76 100

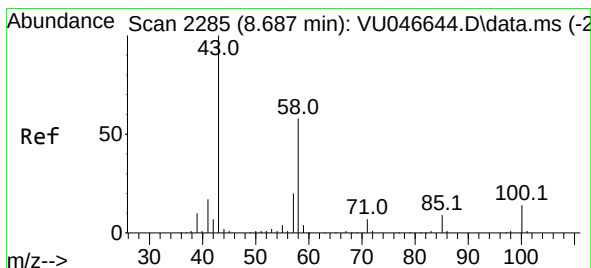
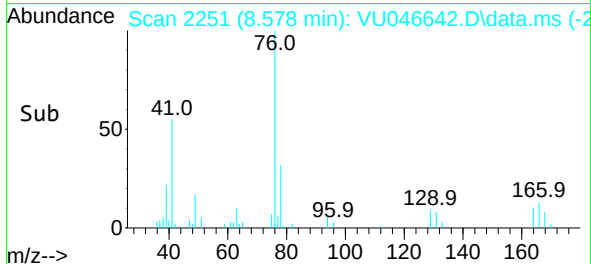
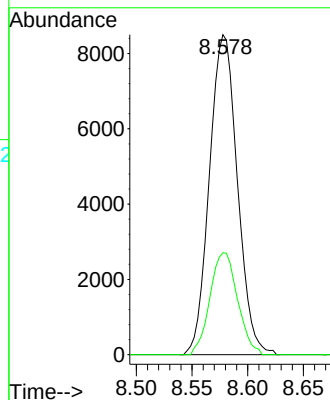
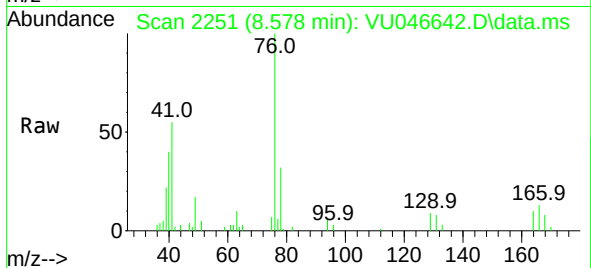
78 31.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#54

2-Hexanone

Concen: 7.613 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

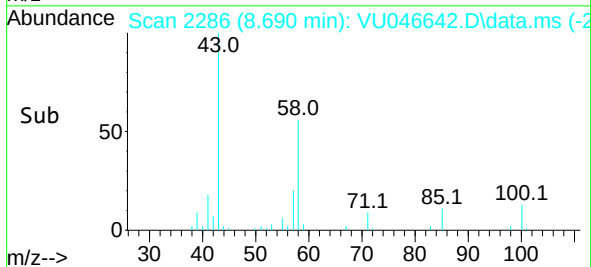
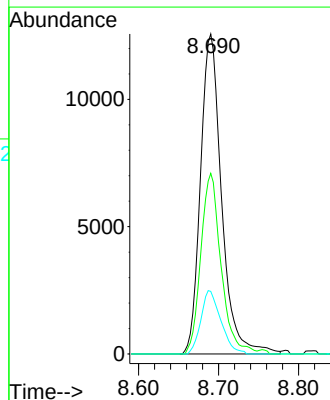
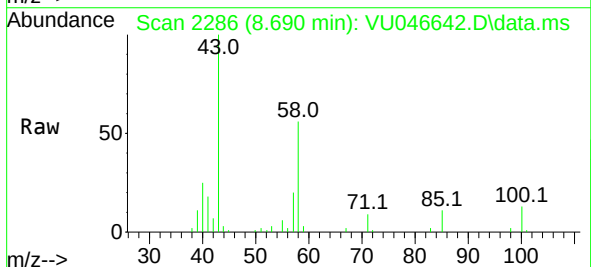
Tgt Ion: 43 Resp: 23119

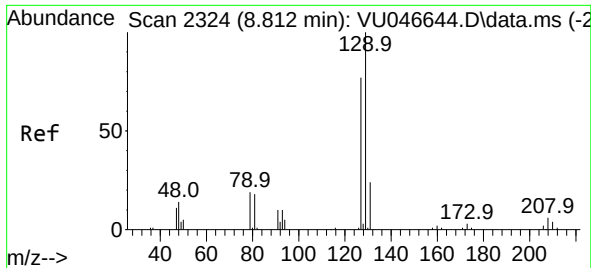
Ion Ratio Lower Upper

43 100

58 54.0 37.7 77.7

57 18.7 0.5 40.5





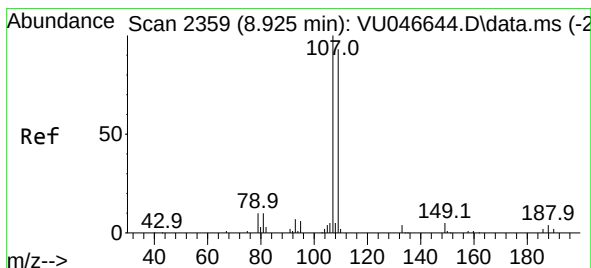
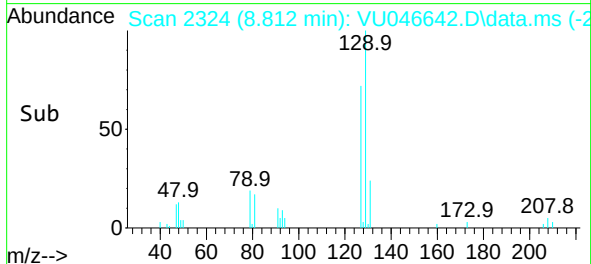
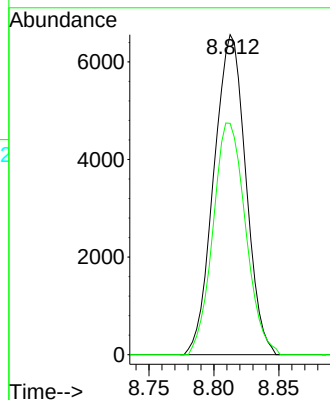
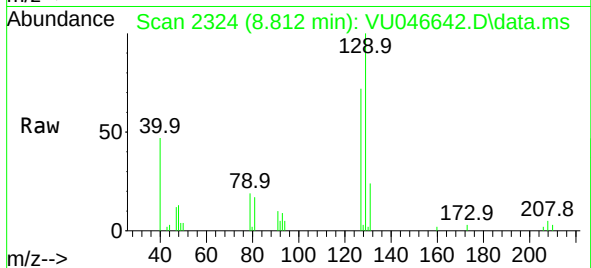
#55
Dibromochloromethane
Concen: 2.446 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:129 Resp: 11215
Ion Ratio Lower Upper
129 100
127 73.8 62.2 93.4

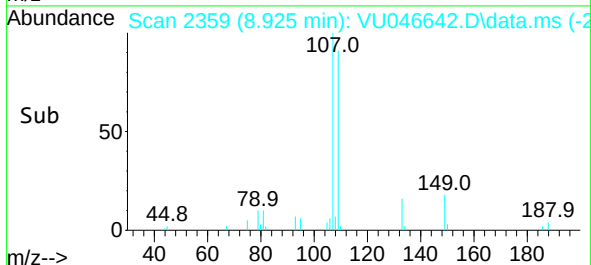
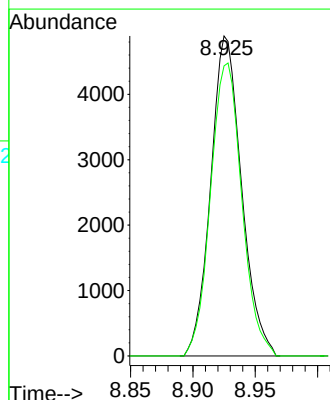
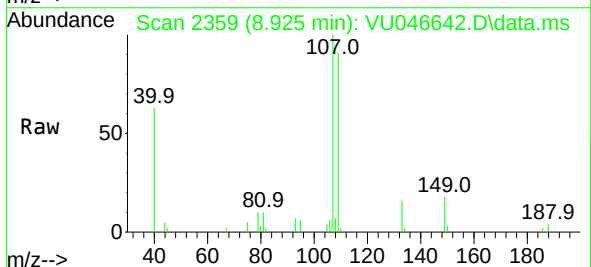
Manual Integrations
APPROVED

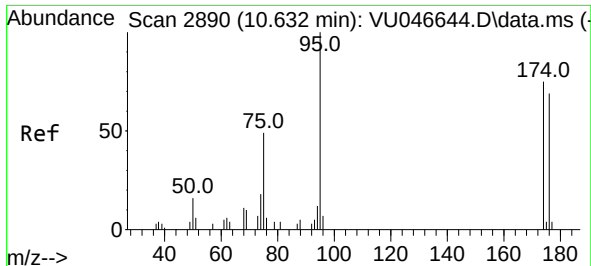
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#56
1,2-Dibromoethane
Concen: 2.104 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

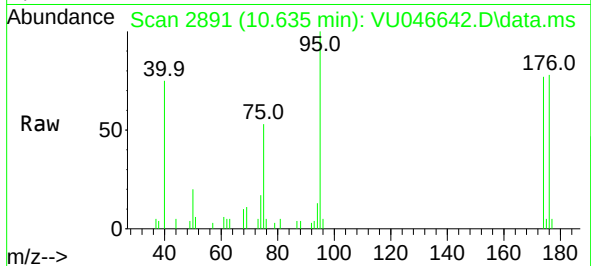
Tgt Ion:107 Resp: 8430
Ion Ratio Lower Upper
107 100
109 92.7 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.972 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

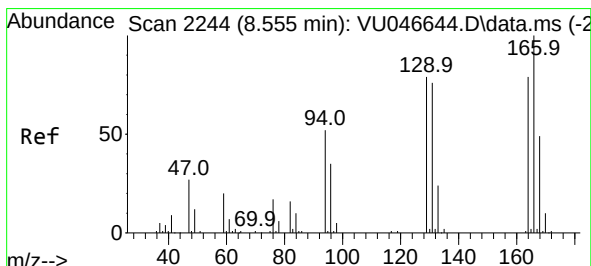
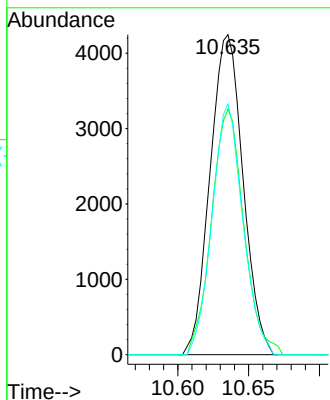
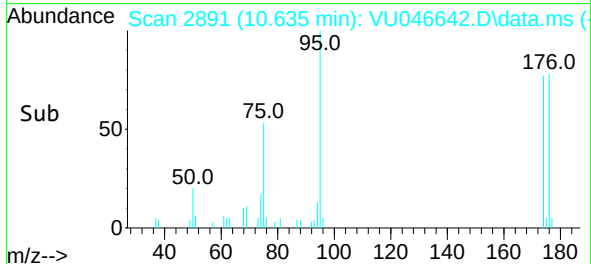
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



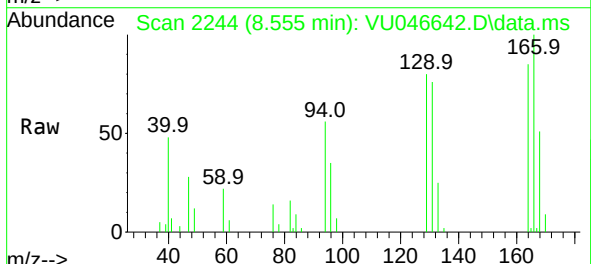
Tgt Ion: 95 Resp: 688
Ion Ratio Lower Upper
95 100
174 75.1 56.6 84.8
176 73.1 54.3 81.5

Manual Integrations
APPROVED

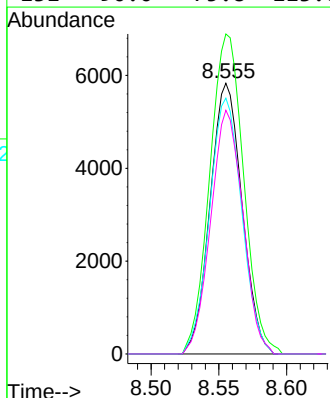
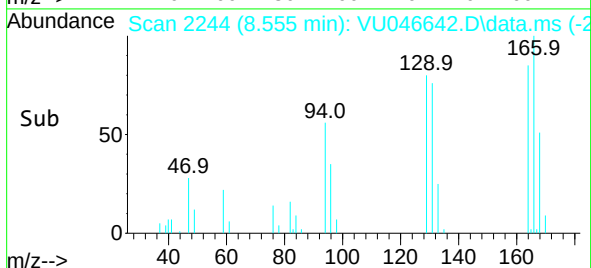
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

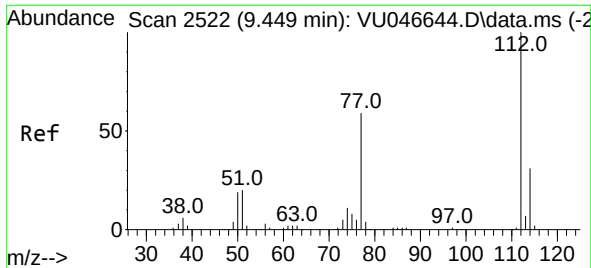


#58
Tetrachloroethene
Concen: 1.940 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46



Tgt Ion:164 Resp: 9552
Ion Ratio Lower Upper
164 100
166 118.2 102.0 153.0
129 94.5 77.1 115.7
131 90.0 75.8 113.6





#59

Chlorobenzene

Concen: 1.743 ug/l

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:112 Resp: 2489

Ion Ratio Lower Upper

112 100

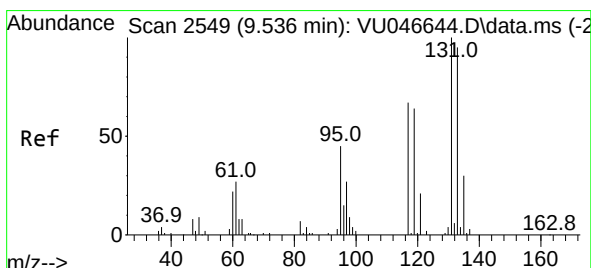
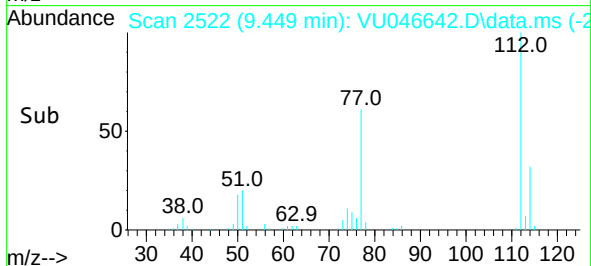
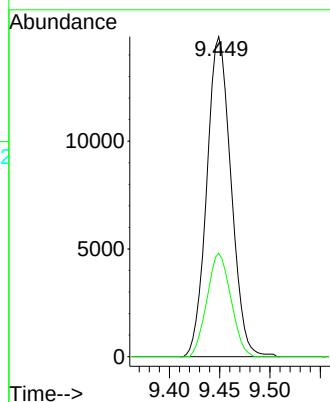
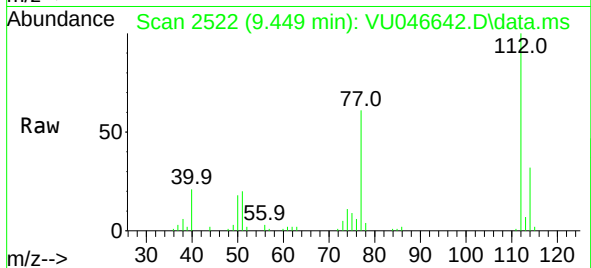
114 32.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#60

1,1,1,2-Tetrachloroethane

Concen: 2.155 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

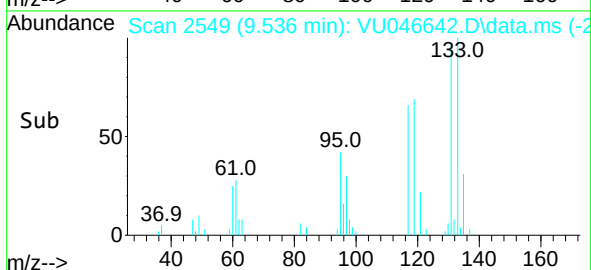
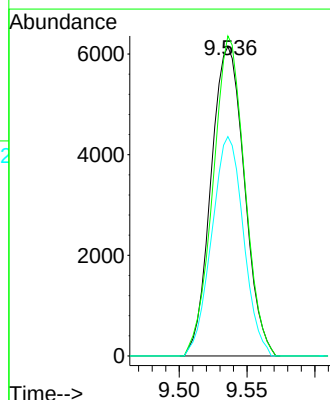
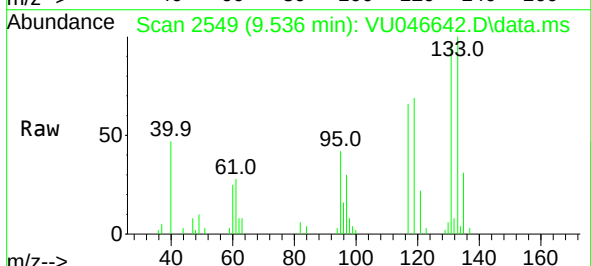
Tgt Ion:131 Resp: 10523

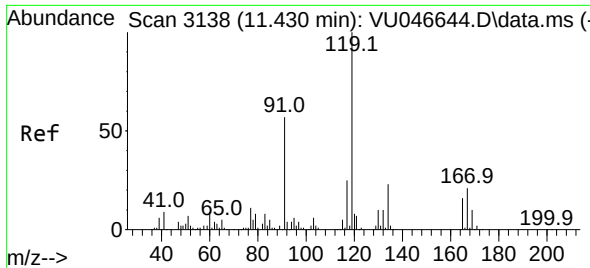
Ion Ratio Lower Upper

131 100

133 98.0 76.0 114.0

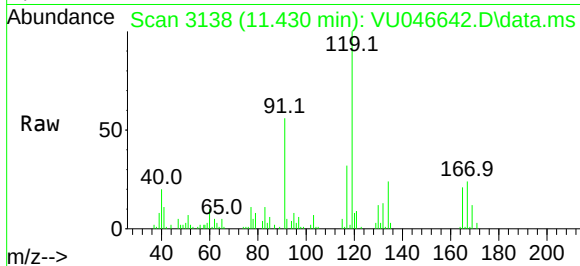
119 67.6 54.9 82.3





#61
Pentachloroethane
Concen: 2.427 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

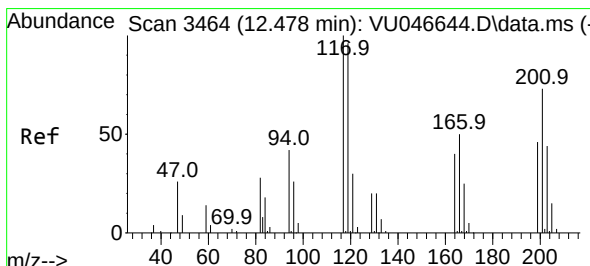
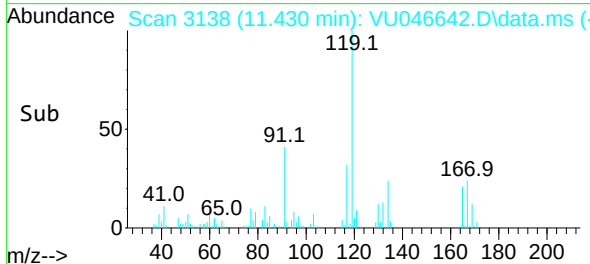
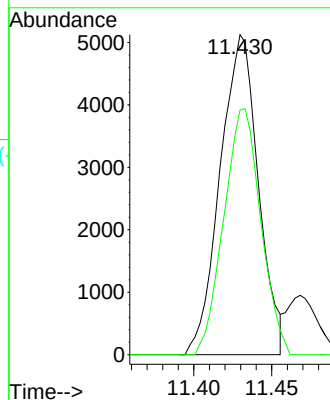
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion:117 Resp: 8730
Ion Ratio Lower Upper
117 100
167 74.3 59.7 89.5

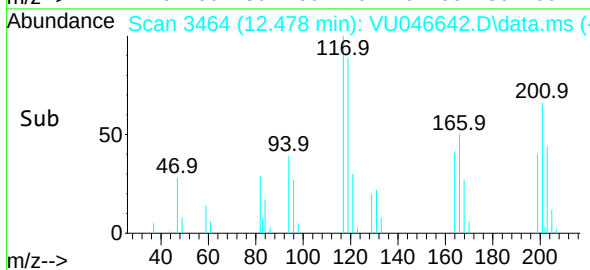
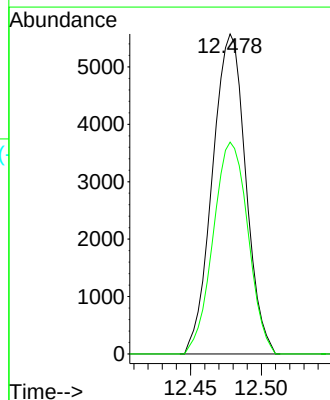
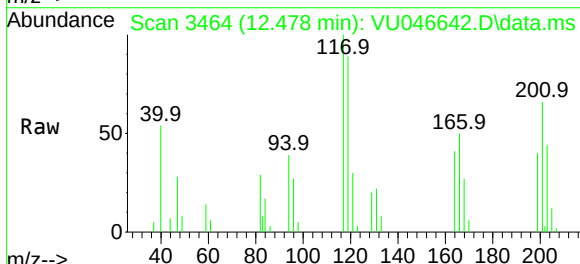
Manual Integrations
APPROVED

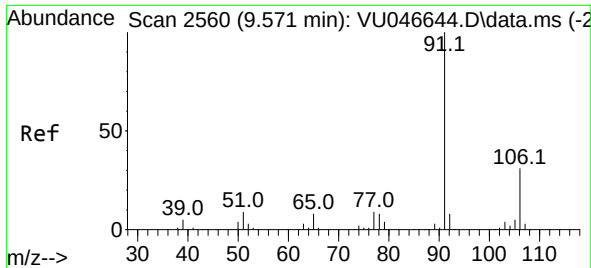
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#62
Hexachloroethane
Concen: 2.412 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Tgt Ion:117 Resp: 9127
Ion Ratio Lower Upper
117 100
201 69.2 53.6 80.4





#63
Ethyl Benzene
Concen: 1.539 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

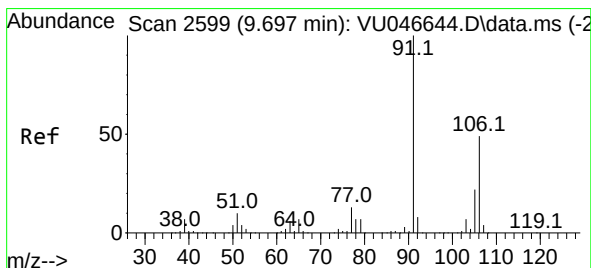
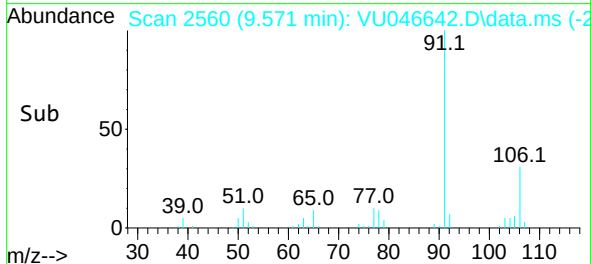
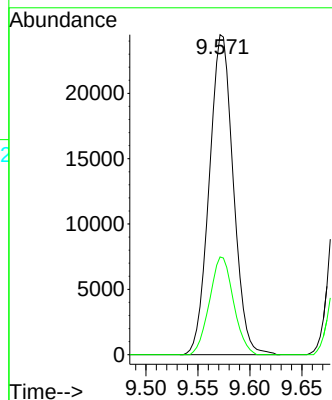
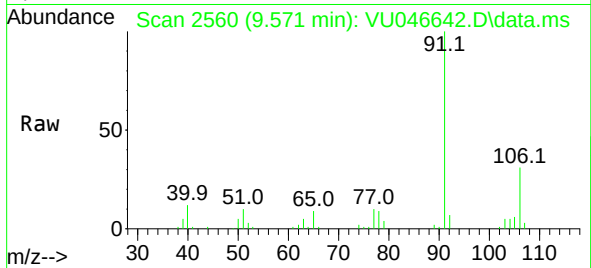
VSTDIC002

Tgt Ion: 91 Resp: 39354
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6

Manual Integrations

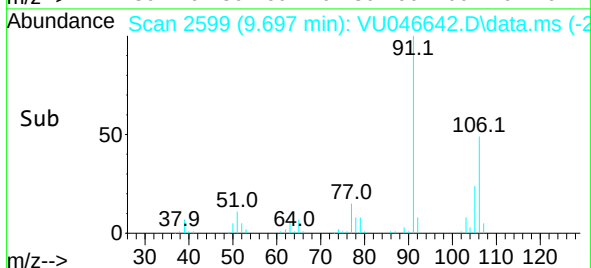
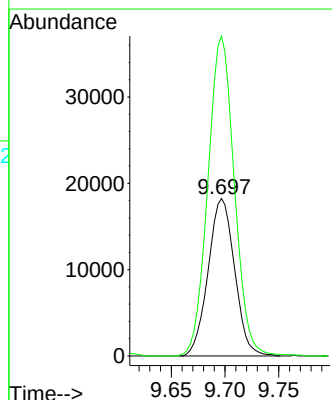
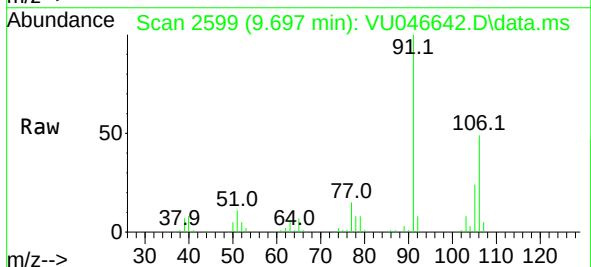
APPROVED

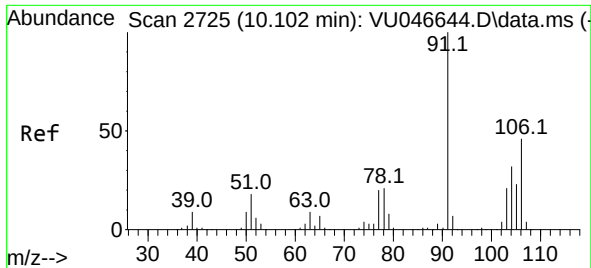
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#64
m/p-Xylenes
Concen: 3.195 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Tgt Ion:106 Resp: 31242
Ion Ratio Lower Upper
106 100
91 203.3 165.5 248.3





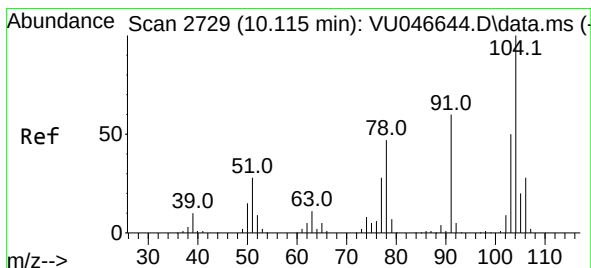
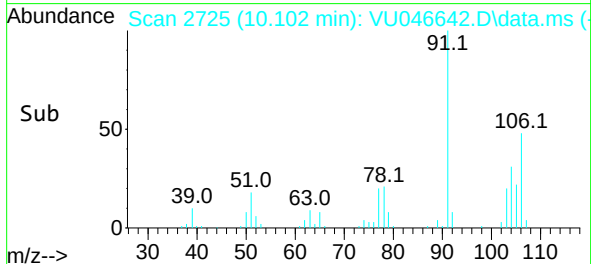
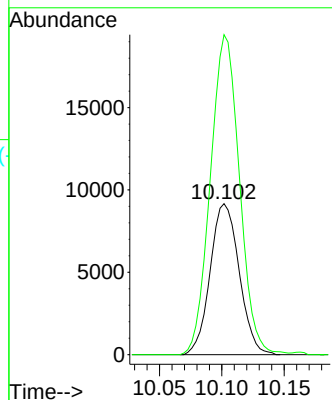
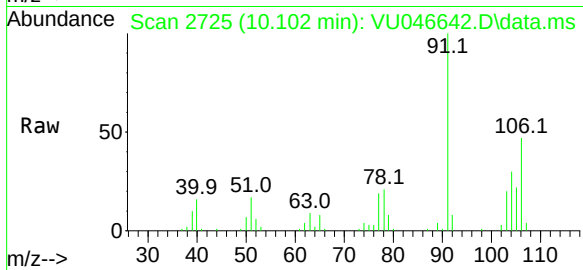
#65
o-Xylene
Concen: 1.565 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:106 Resp: 14869
Ion Ratio Lower Upper
106 100
91 212.5 109.4 328.2

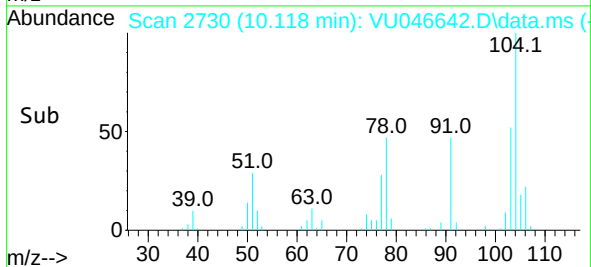
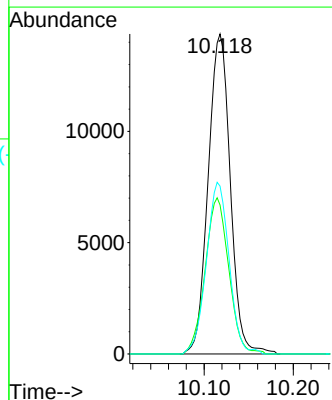
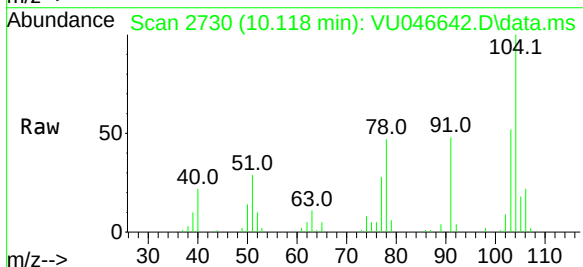
Manual Integrations
APPROVED

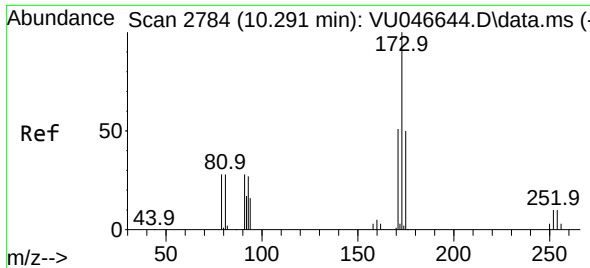
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#66
Styrene
Concen: 1.580 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

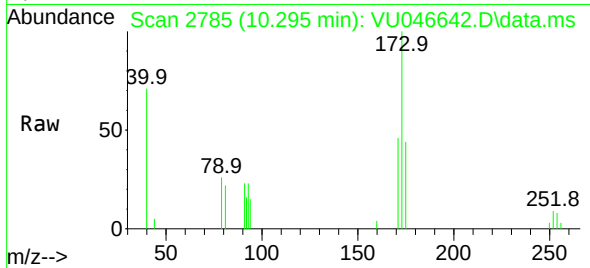
Tgt Ion:104 Resp: 24816
Ion Ratio Lower Upper
104 100
78 52.1 42.4 63.6
103 55.1 44.2 66.4





#67
Bromoform
Concen: 2.744 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

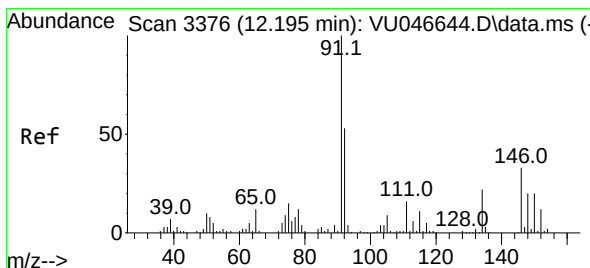
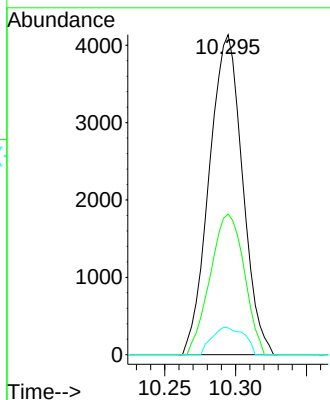
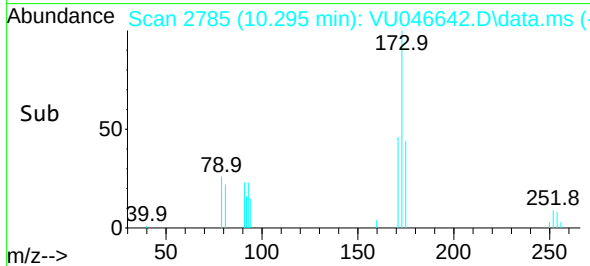
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



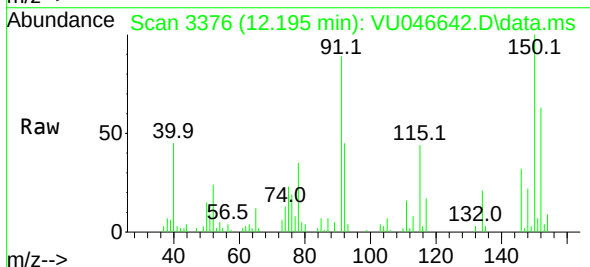
Tgt Ion:173 Resp: 6750
Ion Ratio Lower Upper
173 100
175 44.9 39.0 58.4
254 8.3 5.5 8.3

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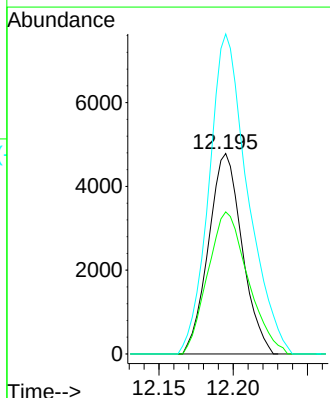
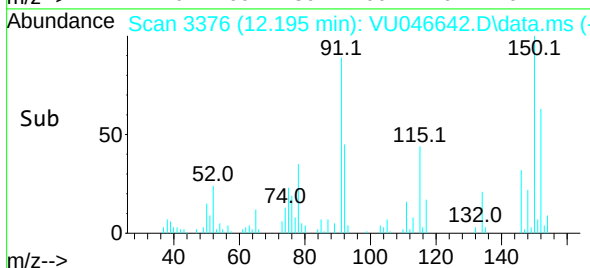
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

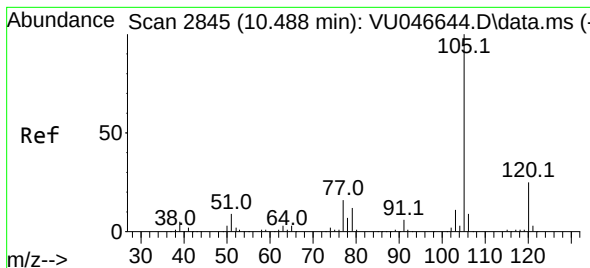


#68
1,2-Dichlorobenzene-d4
Concen: 1.108 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46



Tgt Ion:152 Resp: 7524
Ion Ratio Lower Upper
152 100
115 84.7 0.0 251.0
150 183.7 0.0 613.8





#69

Isopropylbenzene

Concen: 1.583 ug/l

RT: 10.484 min Scan# 2845

Delta R.T. -0.003 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:105 Resp: 3938

Ion Ratio Lower Upper

105 100

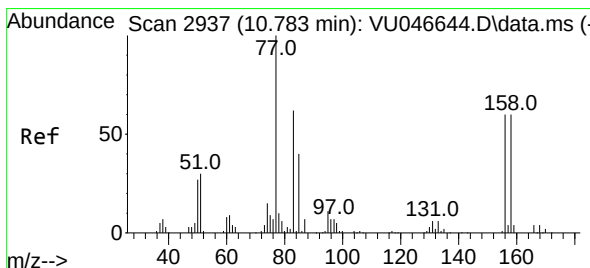
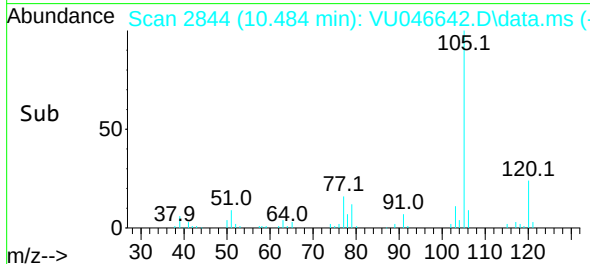
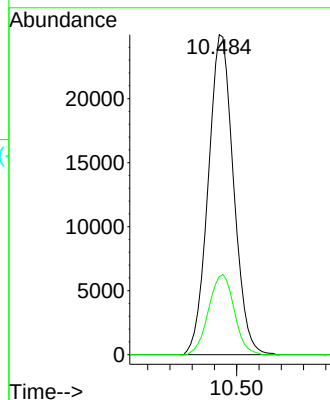
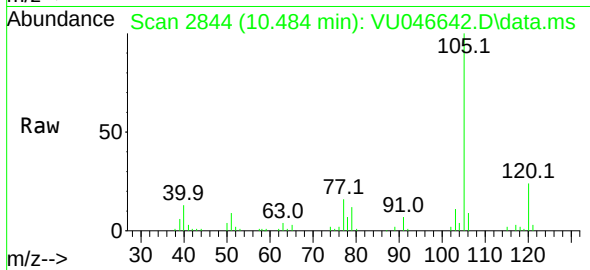
120 25.3 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#70

1,1,2,2-Tetrachloroethane

Concen: 2.198 ug/l

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU046642.D

Acq: 30 Dec 2021 09:46

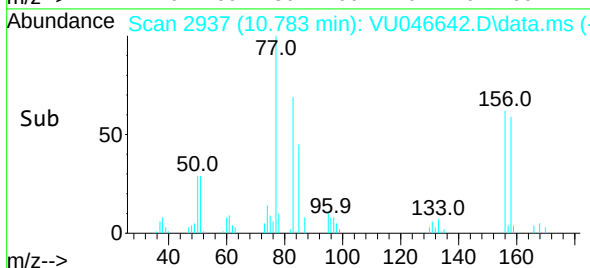
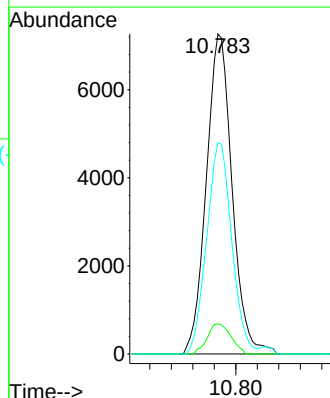
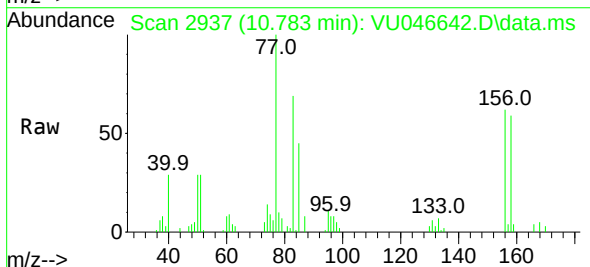
Tgt Ion: 83 Resp: 12087

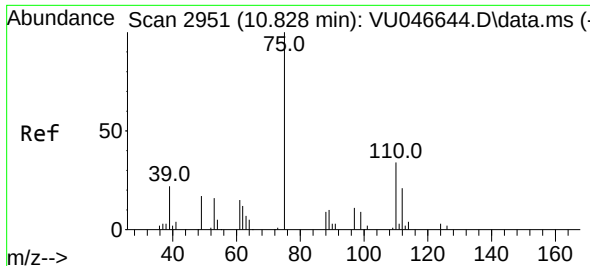
Ion Ratio Lower Upper

83 100

131 8.6 7.6 11.4

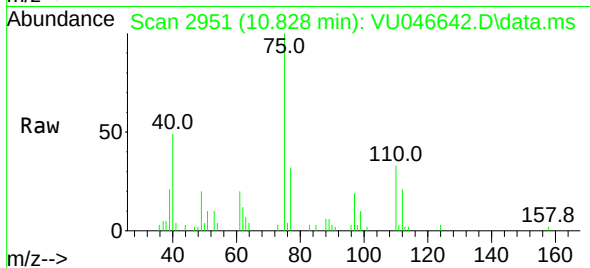
85 64.1 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.512 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

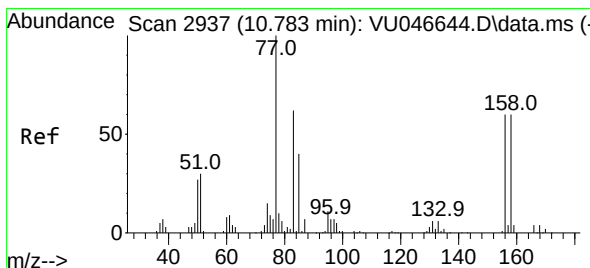
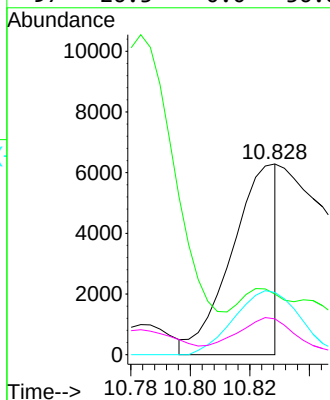
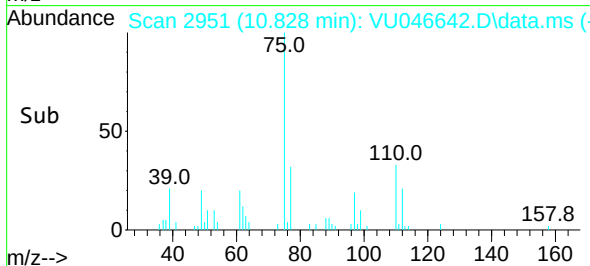


Tgt Ion: 75 Resp: 6679

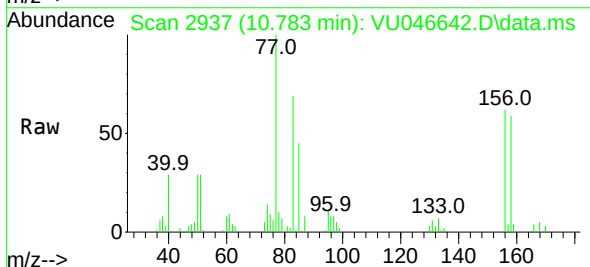
Ion	Ratio	Lower	Upper
75	100		
77	69.1	0.0	105.6
110	48.9	0.0	71.2
97	26.3	0.0	36.8

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

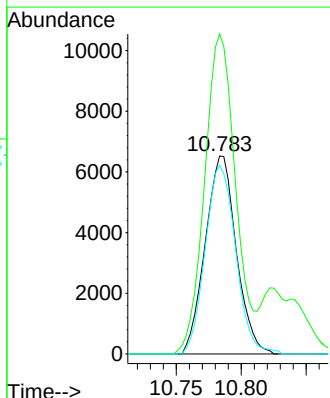
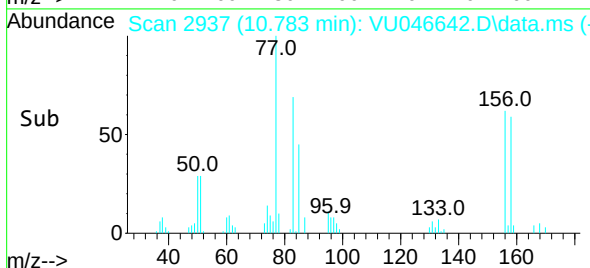


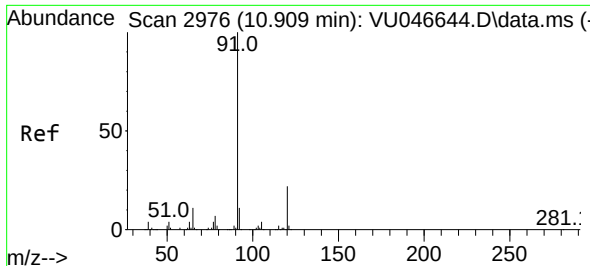
#72
Bromobenzene
Concen: 1.931 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46



Tgt Ion:156 Resp: 10837

Ion	Ratio	Lower	Upper
156	100		
77	161.9	0.0	370.6
158	93.5	0.0	193.4





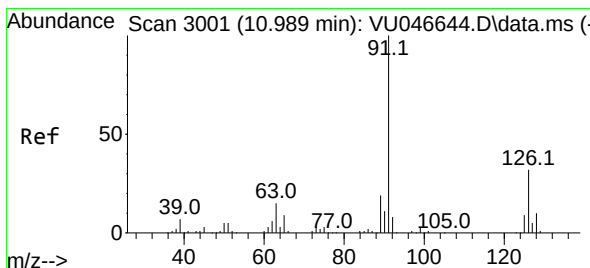
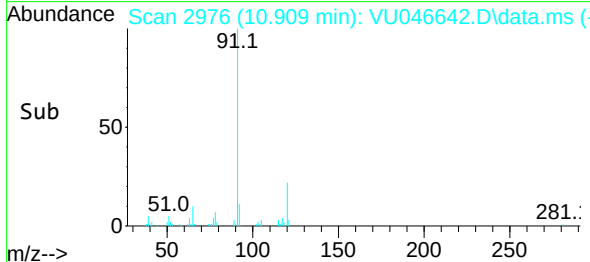
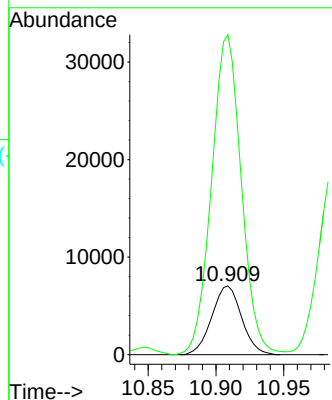
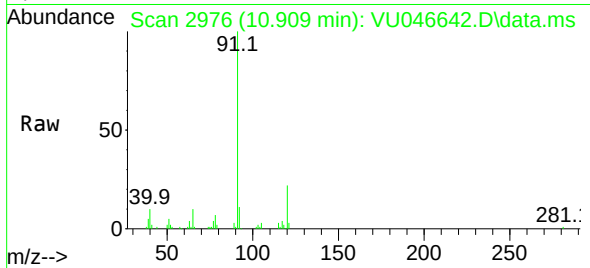
#73
n-propylbenzene
Concen: 1.639 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:120 Resp: 1078
Ion Ratio Lower Upper
120 100
91 463.7 370.7 556.1

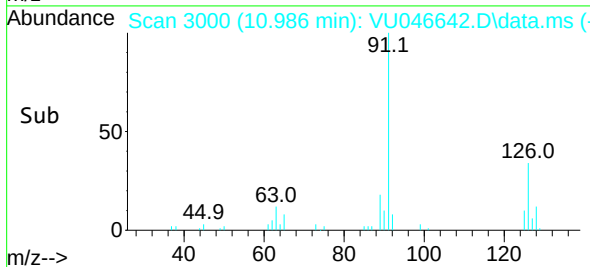
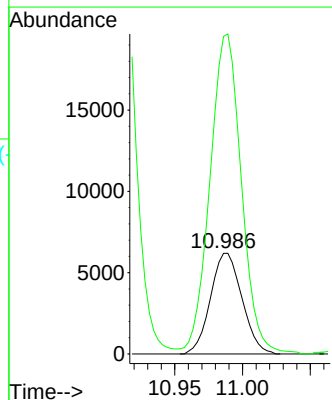
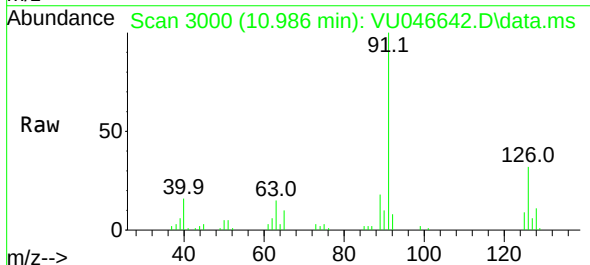
Manual Integrations
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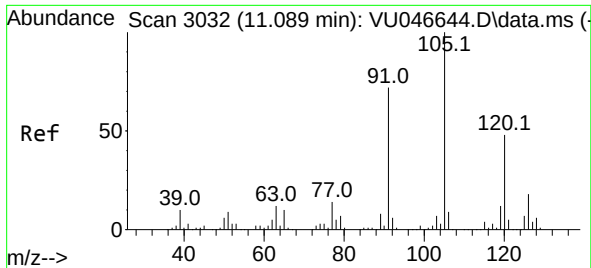
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#74
2-Chlorotoluene
Concen: 1.761 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Tgt Ion:126 Resp: 10008
Ion Ratio Lower Upper
126 100
91 317.8 0.0 639.6





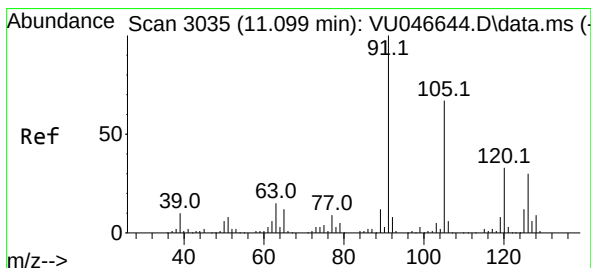
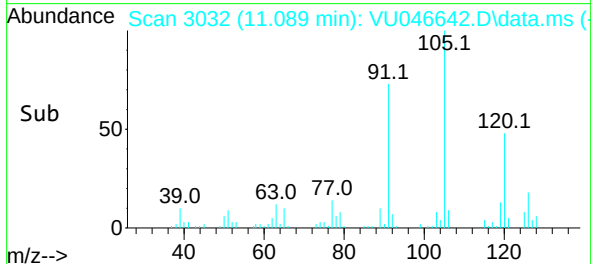
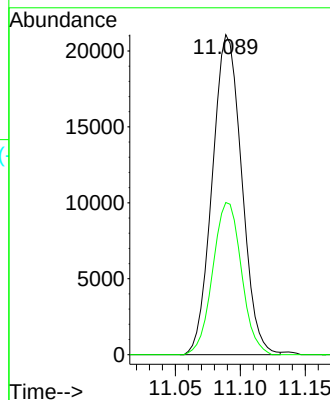
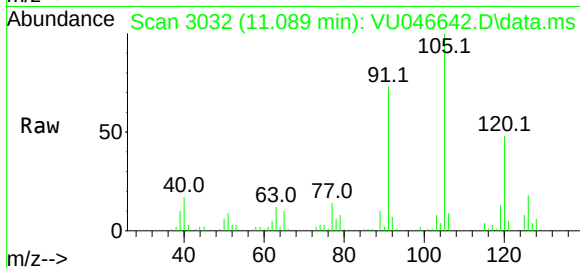
#75
1,3,5-Trimethylbenzene
Concen: 1.585 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:105 Resp: 3315
Ion Ratio Lower Upper
105 100
120 46.4 38.6 58.0

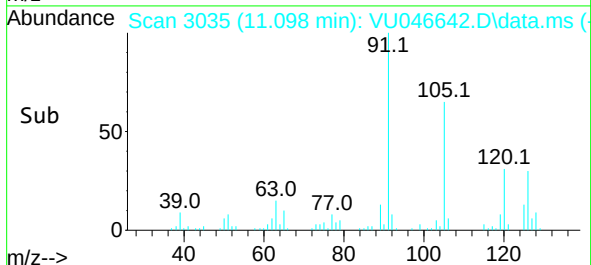
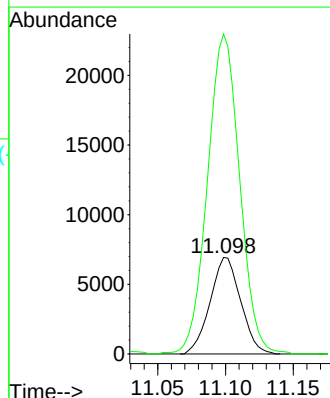
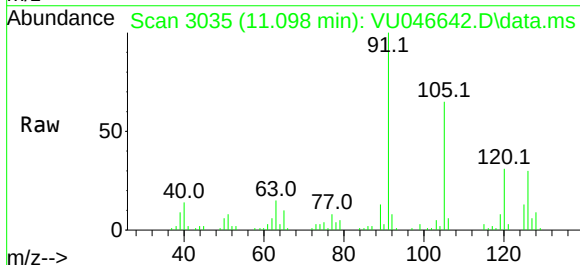
Manual Integrations
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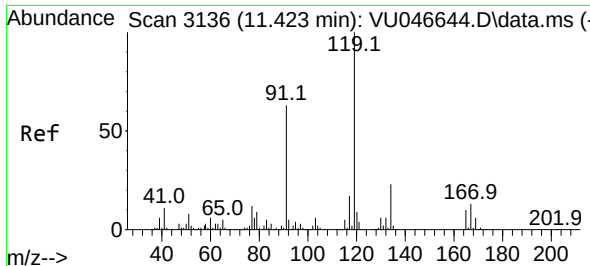
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#76
4-Chlorotoluene
Concen: 1.856 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

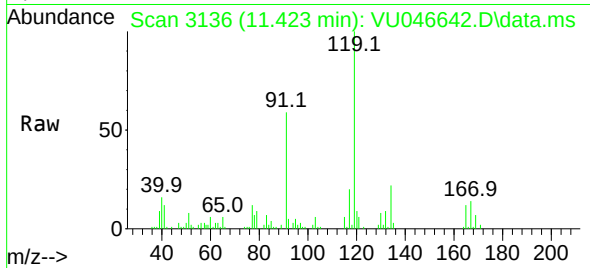
Tgt Ion:126 Resp: 10871
Ion Ratio Lower Upper
126 100
91 348.7 0.0 728.0





#77
tert-Butylbenzene
Concen: 1.646 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

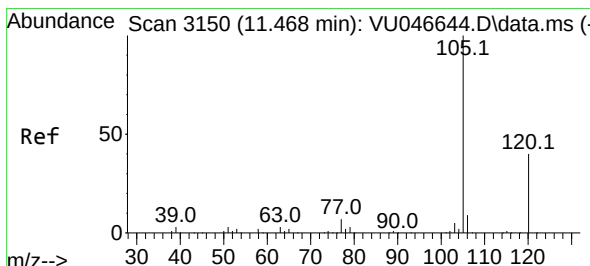
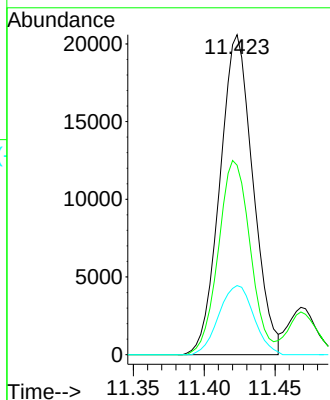
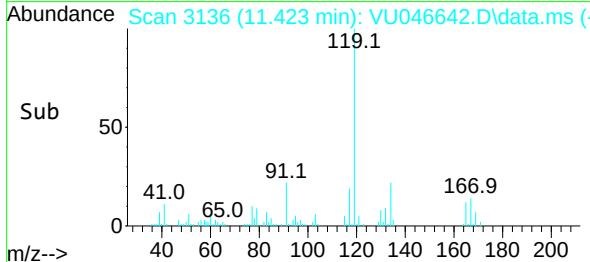
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



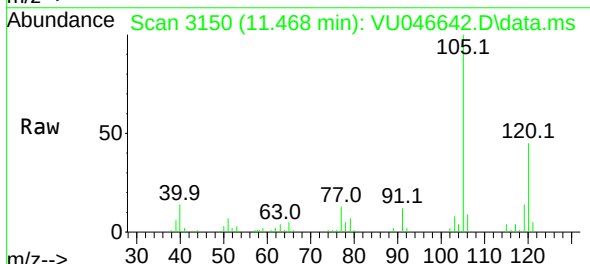
Tgt Ion:119 Resp: 33458
Ion Ratio Lower Upper
119 100
91 58.5 31.4 94.3
134 22.8 18.5 27.7

Manual Integrations
APPROVED

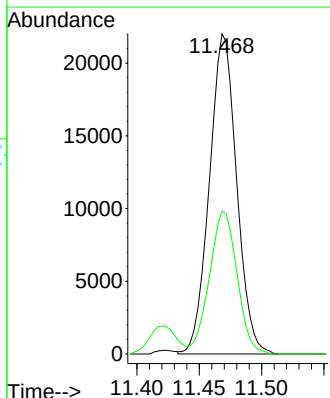
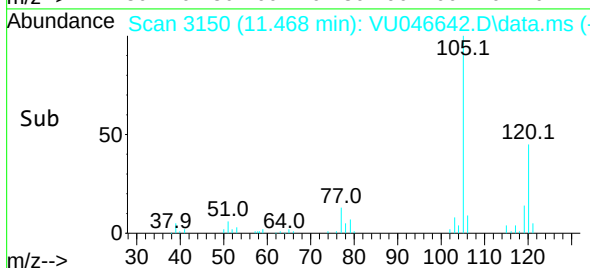
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

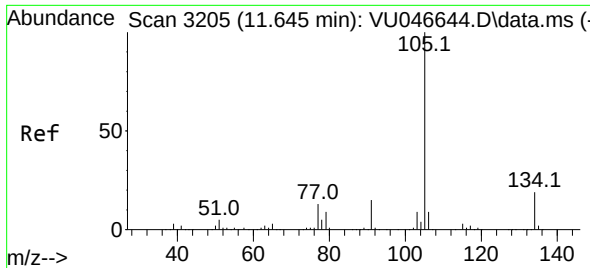


#78
1,2,4-Trimethylbenzene
Concen: 1.569 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46



Tgt Ion:105 Resp: 33523
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 1.660 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU046642.D
 Acq: 30 Dec 2021 09:46

Instrument :

MSVOA_U

ClientSampleId :

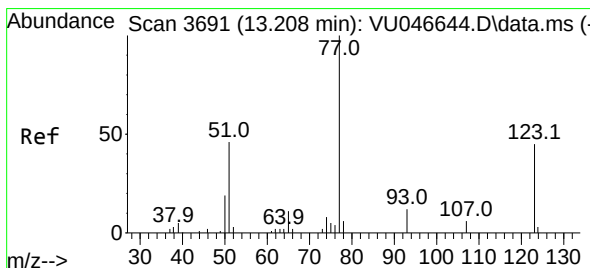
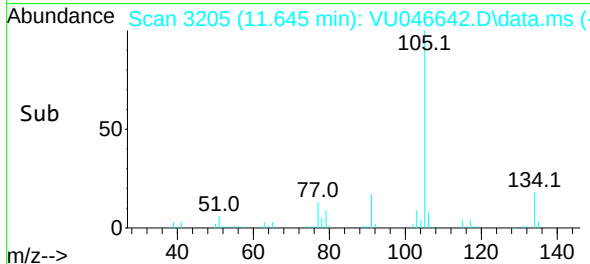
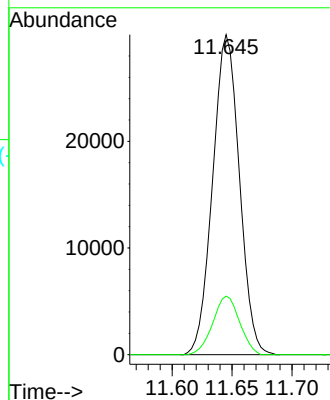
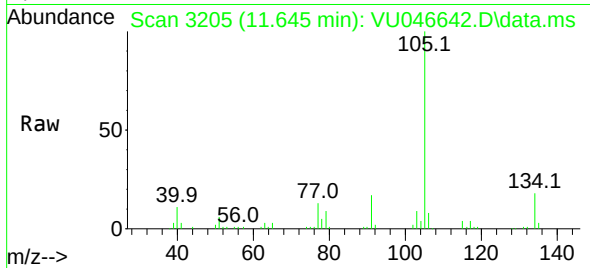
VSTDICC002

Tgt Ion:105 Resp: 4646
 Ion Ratio Lower Upper
 105 100
 134 18.3 15.4 23.0

Manual Integrations

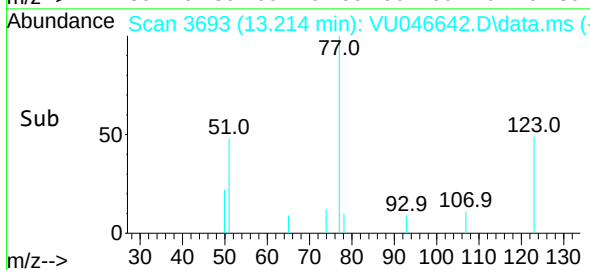
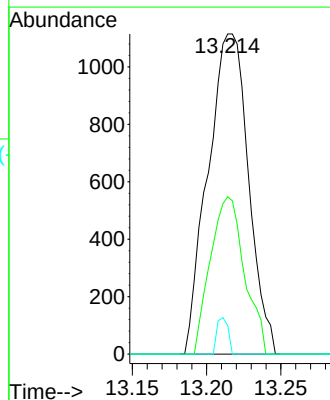
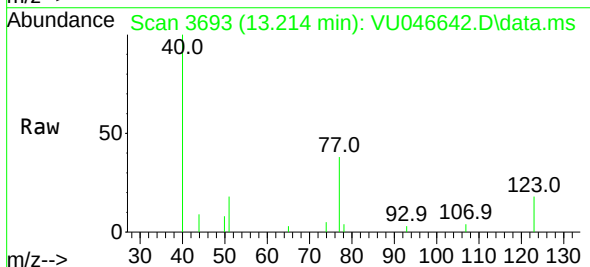
APPROVED

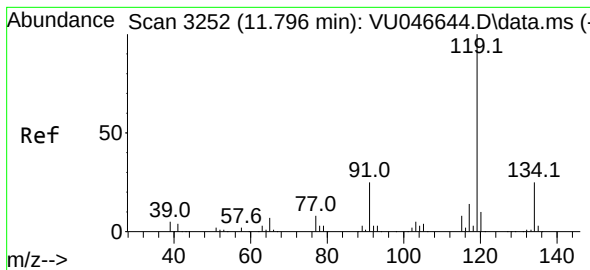
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022



#80
 Nitrobenzene
 Concen: 11.957 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.006 min
 Lab File: VU046642.D
 Acq: 30 Dec 2021 09:46

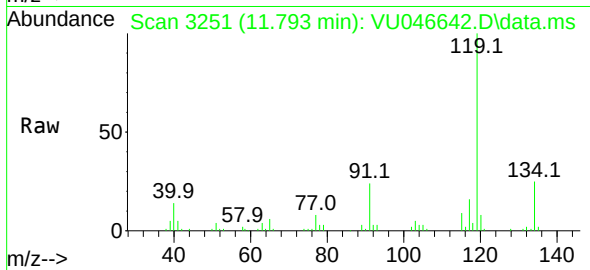
Tgt Ion: 77 Resp: 2116
 Ion Ratio Lower Upper
 77 100
 123 41.4 18.2 64.4
 65 3.1 12.0 15.2#





#81
p-Isopropyltoluene
Concen: 1.617 ug/l
RT: 11.793 min Scan# 3119
Delta R.T. -0.003 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

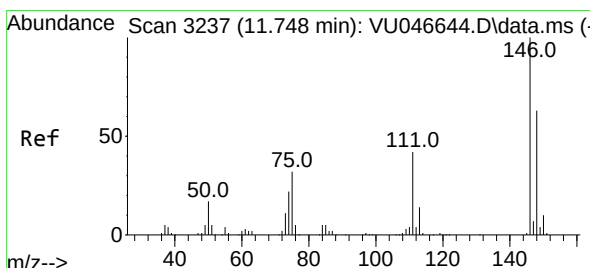
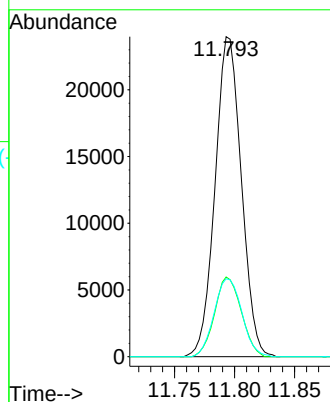
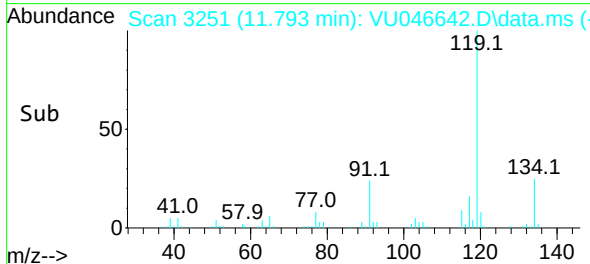
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



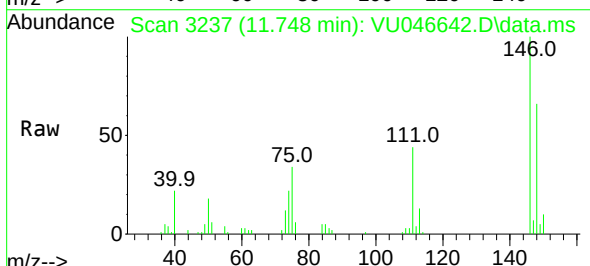
Tgt Ion:119 Resp: 3644
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.4
91 25.7 19.9 29.9

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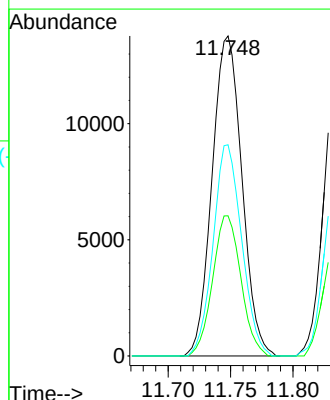
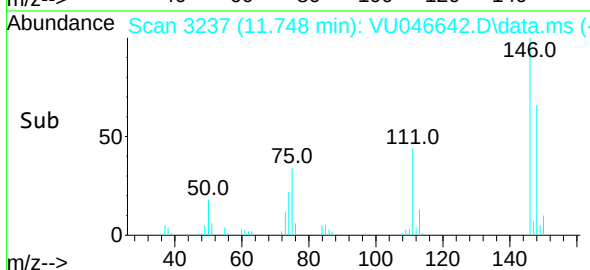
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

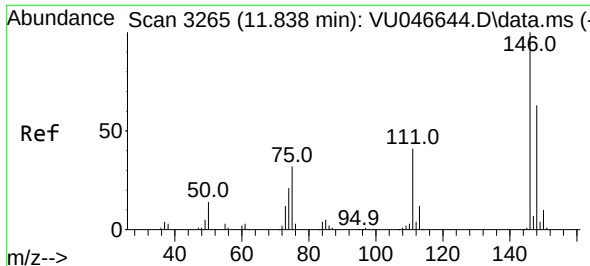


#82
1,3-Dichlorobenzene
Concen: 2.043 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46



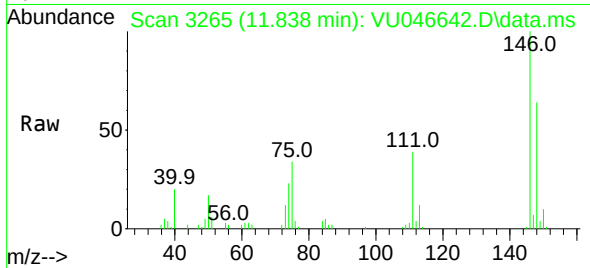
Tgt Ion:146 Resp: 22959
Ion Ratio Lower Upper
146 100
111 41.5 33.9 50.9
148 63.2 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 2.027 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

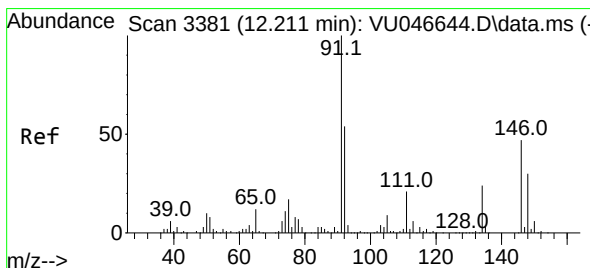
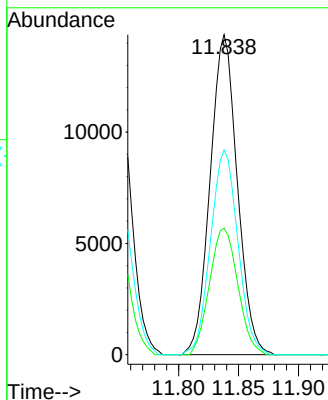
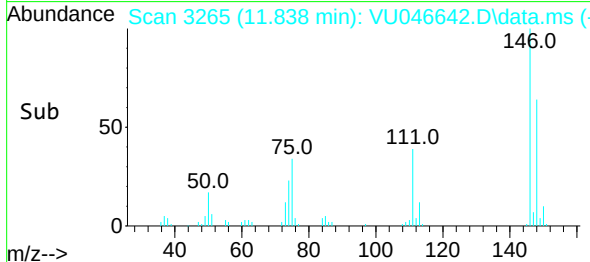
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



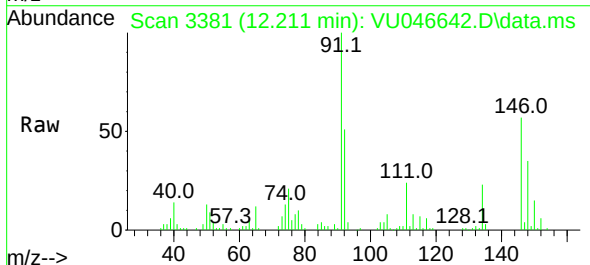
Tgt Ion:146 Resp: 2265
Ion Ratio Lower Upper
146 100
111 41.1 32.7 49.1
148 64.5 51.4 77.0

Manual Integrations
APPROVED

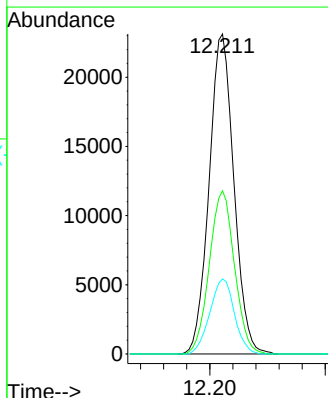
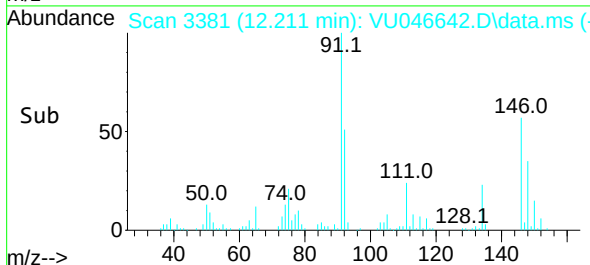
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

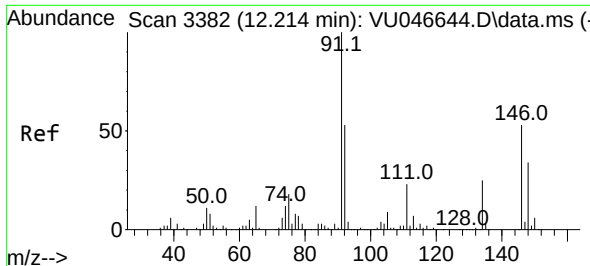


#84
n-Butylbenzene
Concen: 1.612 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46



Tgt Ion: 91 Resp: 34392
Ion Ratio Lower Upper
91 100
92 51.7 43.5 65.3
134 23.3 19.0 28.4





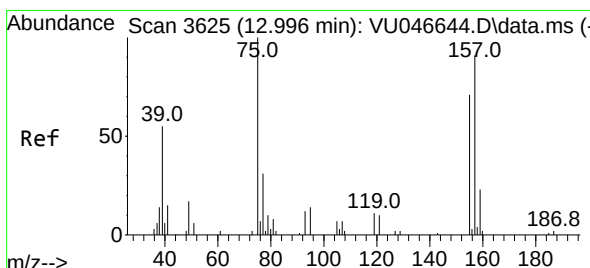
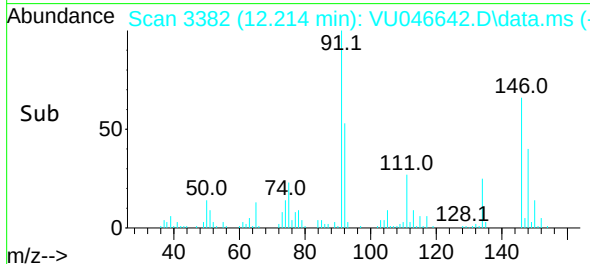
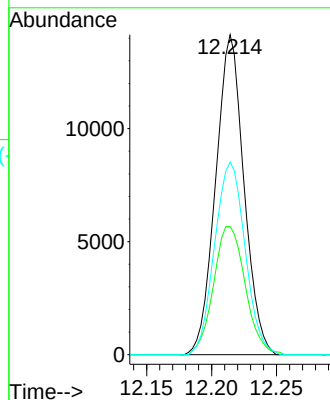
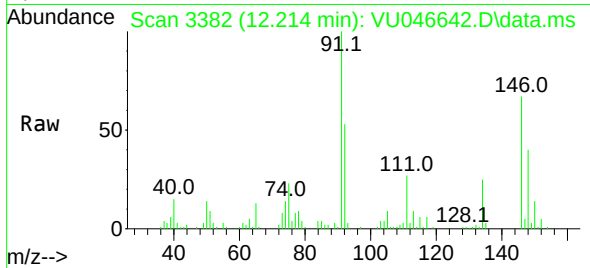
#85
1,2-Dichlorobenzene
Concen: 2.000 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 2141
Ion Ratio Lower Upper
146 100
111 44.8 22.1 66.1
148 64.9 31.6 94.7

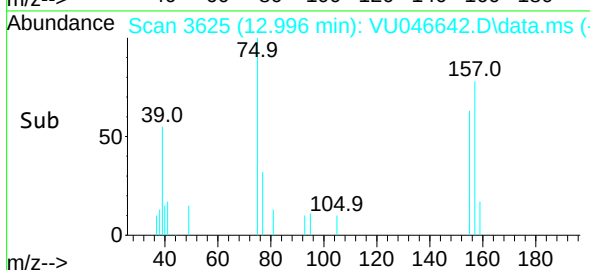
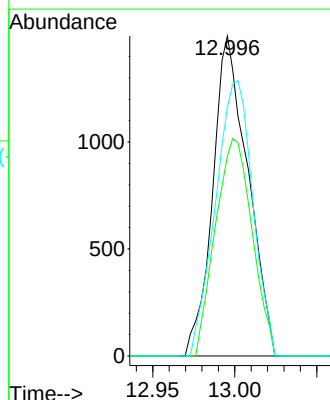
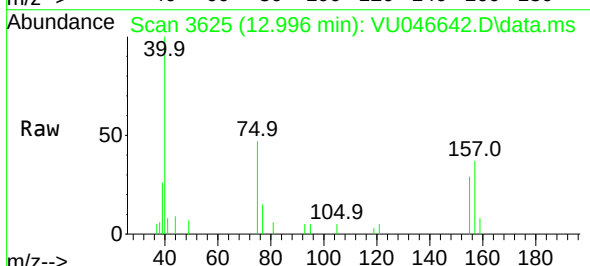
Manual Integrations
APPROVED

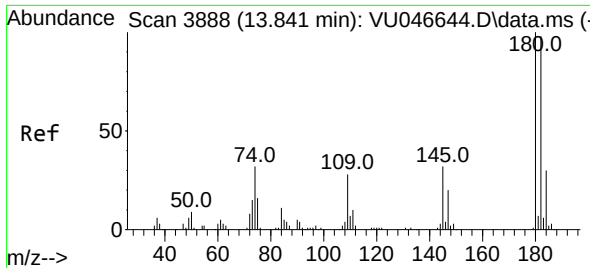
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 2.360 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

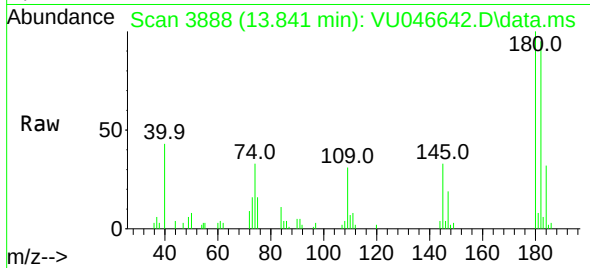
Tgt Ion: 75 Resp: 2214
Ion Ratio Lower Upper
75 100
155 71.1 57.8 86.8
157 91.7 75.1 112.7





#87
1,2,4-Trichlorobenzene
Concen: 1.893 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

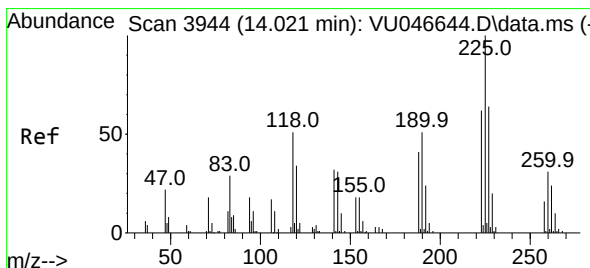
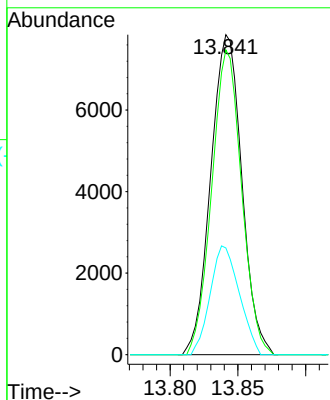
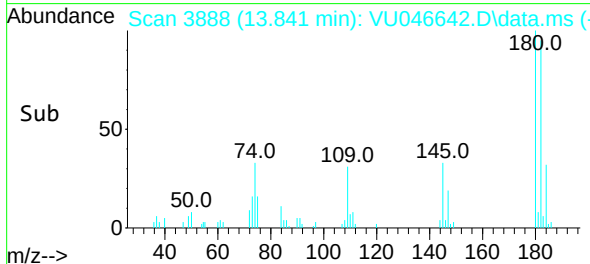
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



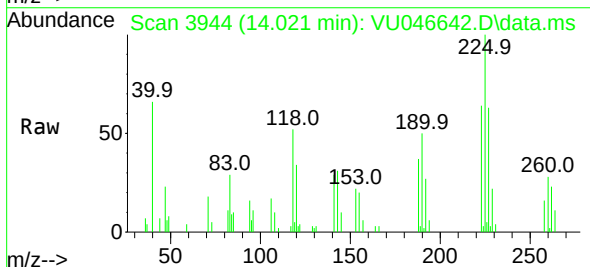
Tgt Ion:180 Resp: 12490
Ion Ratio Lower Upper
180 100
182 91.4 75.8 113.8
145 31.8 25.3 37.9

Manual Integrations
APPROVED

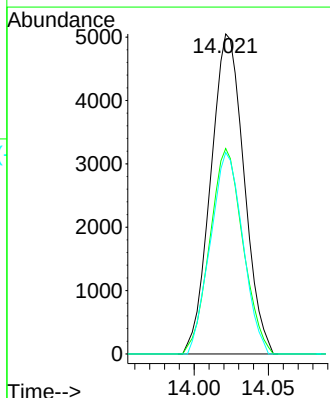
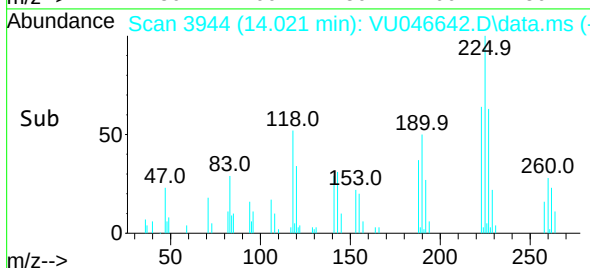
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

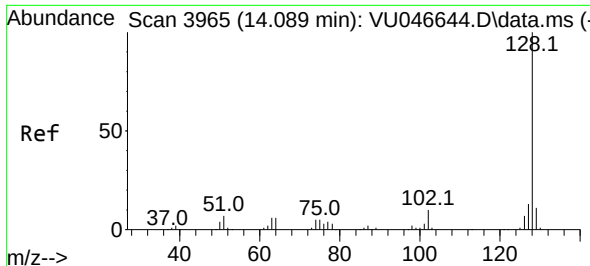


#88
Hexachlorobutadiene
Concen: 2.457 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46



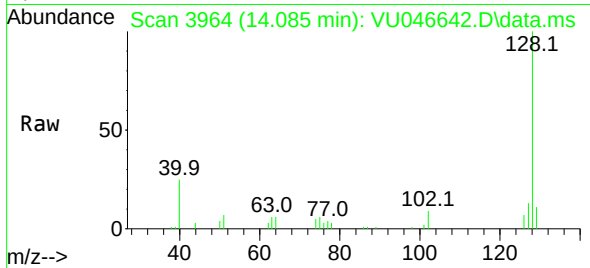
Tgt Ion:225 Resp: 7870
Ion Ratio Lower Upper
225 100
223 63.7 51.1 76.7
227 61.2 49.9 74.9





#89
Naphthalene
Concen: 1.555 ug/l
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46

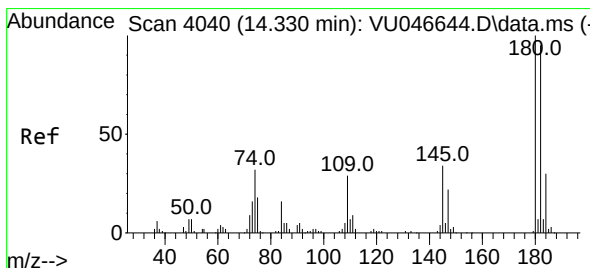
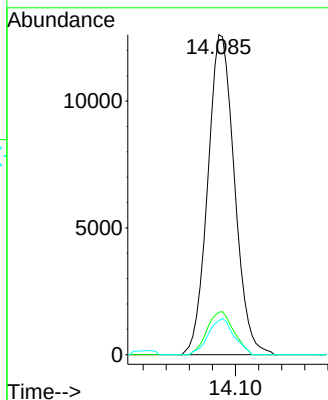
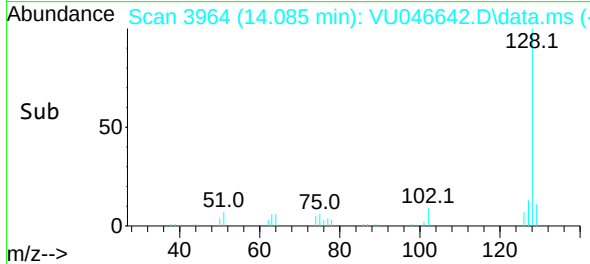
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



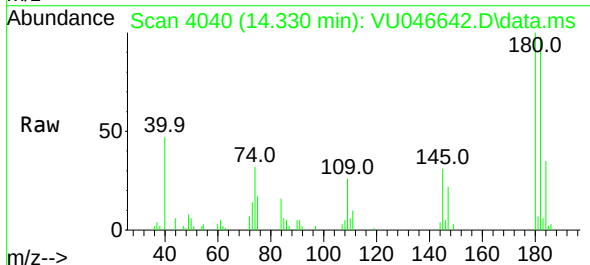
Tgt Ion:128 Resp: 20269
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.8 8.6 13.0

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



#90
1,2,3-Trichlorobenzene
Concen: 1.908 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046642.D
Acq: 30 Dec 2021 09:46



Tgt Ion:180 Resp: 11898
Ion Ratio Lower Upper
180 100
182 94.6 75.4 113.0
145 29.8 27.0 40.4

