

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
 Data File : VU046644.D
 Acq On : 30 Dec 2021 10:34
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

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

Quant Time: Dec 30 11:01:19 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	22437	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	7954	0.977	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	8635	1.105	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	76867	9.101	ug/l	99
3) Chloromethane	1.523	50	68375	7.898	ug/l	100
4) Vinyl Chloride	1.607	62	75641	8.401	ug/l	100
5) Bromomethane	1.864	94	39787	8.063	ug/l	98
6) Chloroethane	1.941	64	43222	7.472	ug/l	100
7) Trichlorofluoromethane	2.144	101	103036	9.581	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	56845	9.234	ug/l	96
9) 1,1-Dichloroethene	2.584	96	54573	9.438	ug/l	96
10) Iodomethane	2.729	142	57744	9.736	ug/l	89
11) Allyl Chloride	2.928	41	70890	8.541	ug/l	95
12) Acrylonitrile	3.334	53	30670	20.602	ug/l	92
13) Acetone	2.665	43	60335	35.706	ug/l	99
14) Carbon Disulfide	2.800	76	173107	9.759	ug/l	98
15) Methylene Chloride	3.054	84	61825	8.847	ug/l	97
16) trans-1,2-Dichloroethene	3.359	96	59427	9.556	ug/l	97
17) 1,1-Dichloroethane	3.877	63	106991	9.227	ug/l	99
18) 2-Butanone	4.726	43	98793	44.826	ug/l	98
19) Cyclohexane	5.395	56	75307	7.302	ug/l	# 79
20) Methylcyclohexane	6.767	83	92130	8.775	ug/l	98
21) 2,2-Dichloropropane	4.671	77	92551	9.364	ug/l	98
22) cis-1,2-Dichloroethene	4.671	96	64444	9.452	ug/l	96
23) Diethyl Ether	2.382	59	40303	7.613	ug/l	94
24) tert-Butyl Alcohol	3.362	59	46056m	101.940	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	143798	8.996	ug/l	96
26) Bromochloromethane	4.977	128	30177	10.162	ug/l	95
27) Chloroform	5.092	83	115337	9.597	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	102118	10.291	ug/l	97
29) 1,1-Dichloropropene	5.530	75	86673	9.685	ug/l	99
30) Carbon Tetrachloride	5.530	117	93149	11.766	ug/l	99
31) Isopropyl Ether	3.996	45	147672	8.235	ug/l	98
32) Ethyl-t-butyl ether	4.504	59	144744	8.049	ug/l	94
33) Tert-Amyl methyl ether	5.944	73	141431	8.773	ug/l	98
34) Propionitrile	4.813	54	28414	50.609	ug/l	# 82
35) Benzene	5.777	78	240204	9.318	ug/l	99
36) 1,2-Dichloroethane	5.796	62	81089	9.749	ug/l	100
37) Trichloroethene	6.546	130	60196	9.593	ug/l	98
38) 1,2-Dichloropropane	6.793	63	63858	9.538	ug/l	98
39) Methacrylonitrile	4.980	41	21403	9.672	ug/l	97
40) Methyl acrylate	4.851	55	41991	11.249	ug/l	98
41) Tetrahydrofuran	5.073	42	23304	18.439	ug/l	97
42) 1-Chlorobutane	5.462	56	115627	9.083	ug/l	94
43) Dibromomethane	6.922	93	37142	10.879	ug/l	98
44) Bromodichloromethane	7.108	83	90328	10.686	ug/l	98

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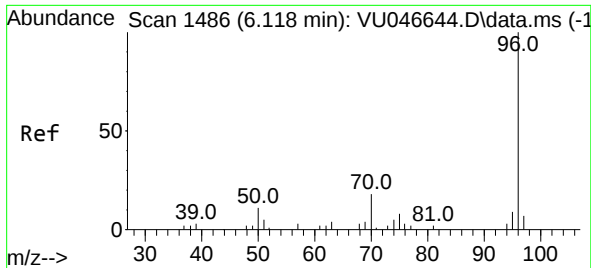
Manual Integrations
 APPROVED

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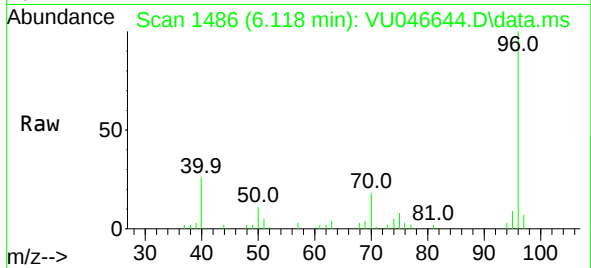
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	218698	48.225	ug/l	98
46) t-1,4-Dichloro-2-butene	10.832	75	48995m	29.388	ug/l	
47) Methyl methacrylate	6.964	69	68612	20.245	ug/l	91
48) Ethyl methacrylate	8.333	69	61827	9.429	ug/l	94
49) Toluene	7.970	92	153642	9.674	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	84375	10.304	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	93187	9.828	ug/l	92
52) 1,1,2-Trichloroethane	8.404	97	51131	10.475	ug/l	98
53) 1,3-Dichloropropane	8.578	76	89481	9.907	ug/l	99
54) 2-Hexanone	8.687	43	165224	47.310	ug/l	99
55) Dibromochloromethane	8.812	129	63987	12.133	ug/l	99
56) 1,2-Dibromoethane	8.925	107	49513	10.747	ug/l	99
58) Tetrachloroethene	8.555	164	52924	9.346	ug/l	98
59) Chlorobenzene	9.449	112	156336	9.516	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	61305	10.916	ug/l	98
61) Pentachloroethane	11.430	117	49583	11.987	ug/l	93
62) Hexachloroethane	12.478	117	52219	11.999	ug/l	93
63) Ethyl Benzene	9.571	91	284015	9.657	ug/l	100
64) m/p-Xylenes	9.697	106	227237	20.205	ug/l	99
65) o-Xylene	10.102	106	105498	9.655	ug/l	98
66) Styrene	10.115	104	191045	10.578	ug/l	97
67) Bromoform	10.291	173	37979	13.425	ug/l #	98
69) Isopropylbenzene	10.488	105	277255	9.692	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.783	83	68680	10.861	ug/l	99
71) 1,2,3-Trichloropropane	10.828	75	44162m	8.697	ug/l	
72) Bromobenzene	10.783	156	67454	10.453	ug/l	91
73) n-propylbenzene	10.909	120	78407	10.361	ug/l	98
74) 2-Chlorotoluene	10.989	126	66509	10.173	ug/l	96
75) 1,3,5-Trimethylbenzene	11.089	105	246758	10.258	ug/l	99
76) 4-Chlorotoluene	11.099	126	71568	10.622	ug/l	96
77) tert-Butylbenzene	11.423	119	236231	10.104	ug/l	98
78) 1,2,4-Trimethylbenzene	11.468	105	253959	10.332	ug/l	100
79) sec-Butylbenzene	11.645	105	322488	10.020	ug/l	100
80) Nitrobenzene	13.208	77	17855	87.728	ug/l #	94
81) p-Isopropyltoluene	11.796	119	273030	10.534	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	136153	10.532	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	138646	10.789	ug/l	99
84) n-Butylbenzene	12.211	91	256057	10.438	ug/l	99
85) 1,2-Dichlorobenzene	12.214	146	131340	10.662	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	13595	12.600	ug/l	98
87) 1,2,4-Trichlorobenzene	13.841	180	85804	11.303	ug/l	98
88) Hexachlorobutadiene	14.021	225	46924	12.740	ug/l	98
89) Naphthalene	14.089	128	178983	11.936	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	86638	12.082	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU046644.D
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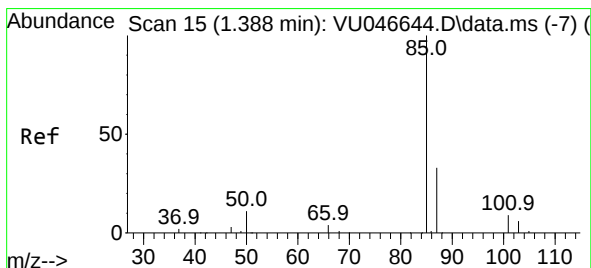
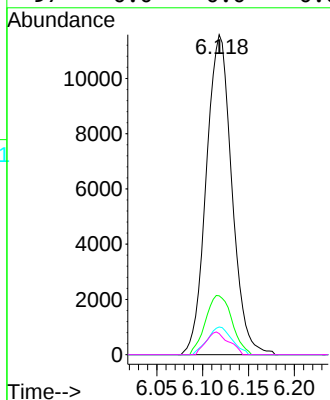
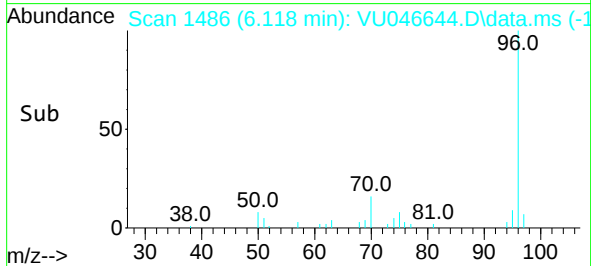
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 96 Resp: 2243
Ion Ratio Lower Upper
96 100
70 19.1 16.8 25.2
95 8.3 7.3 10.9
97 0.0 0.0 0.0

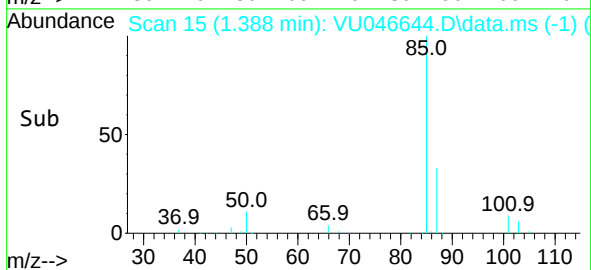
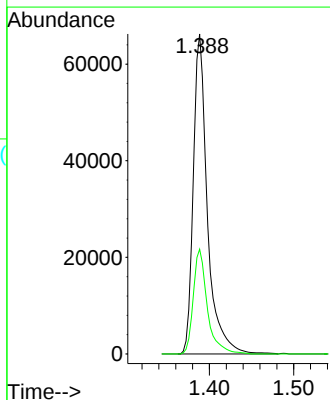
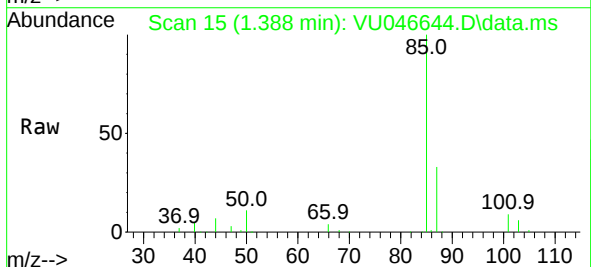
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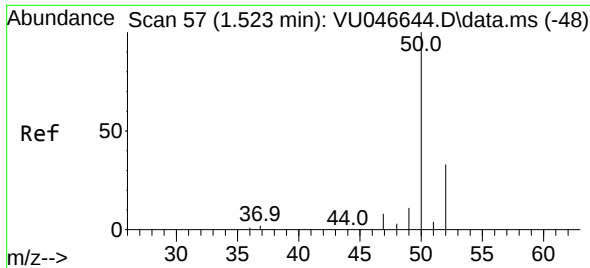
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#2
Dichlorodifluoromethane
Concen: 9.101 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

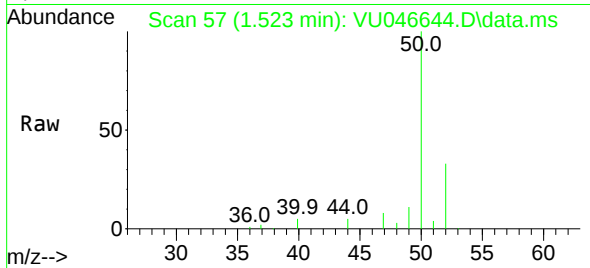
Tgt Ion: 85 Resp: 76867
Ion Ratio Lower Upper
85 100
87 32.8 16.2 48.6





#3
Chloromethane
Concen: 7.898 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

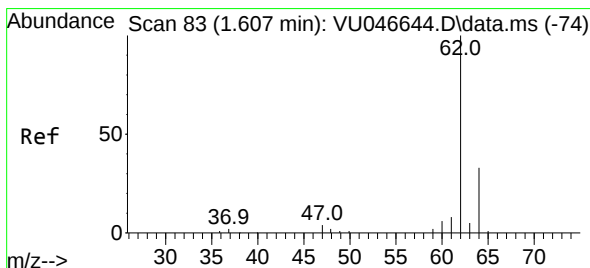
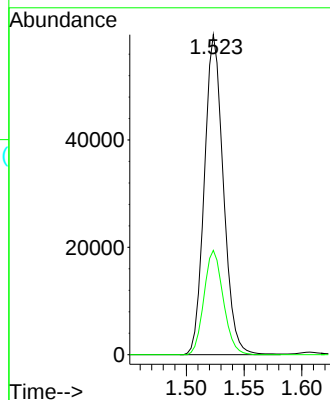
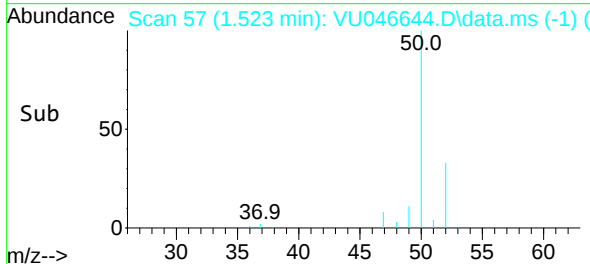
Instrument :
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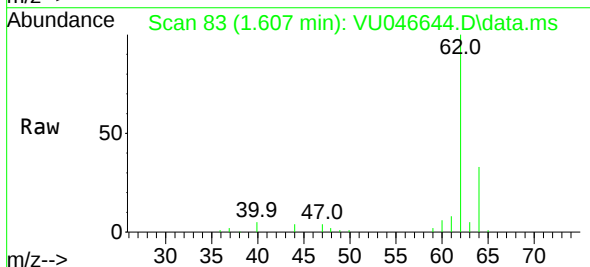
Tgt Ion: 50 Resp: 68375
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.4

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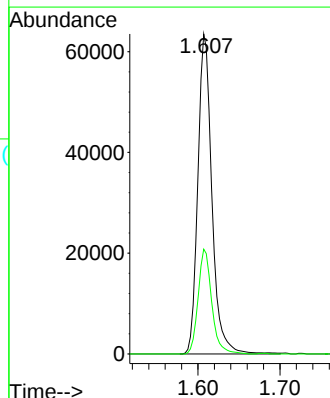
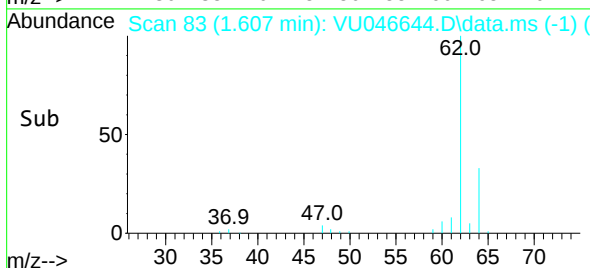
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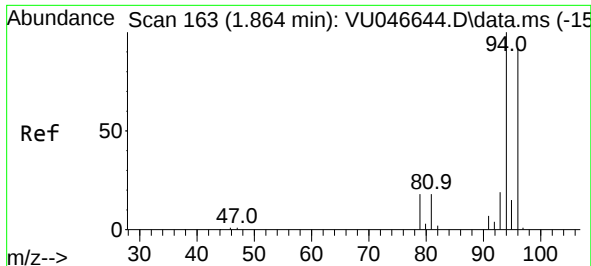


#4
Vinyl Chloride
Concen: 8.401 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34



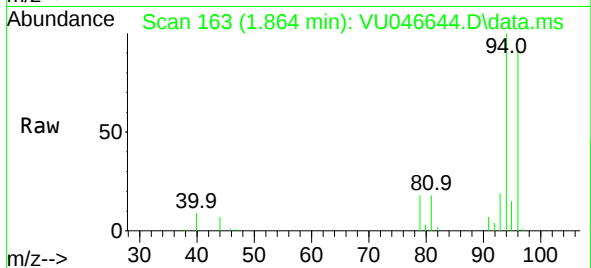
Tgt Ion: 62 Resp: 75641
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0





#5
Bromomethane
Concen: 8.063 ug/l
RT: 1.864 min Scan# 163
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

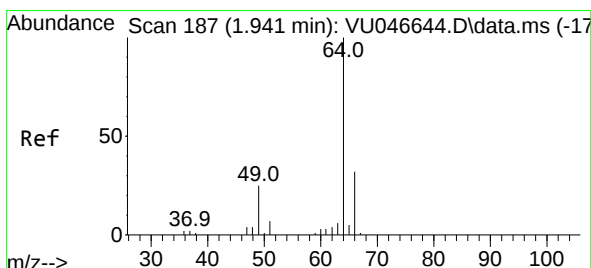
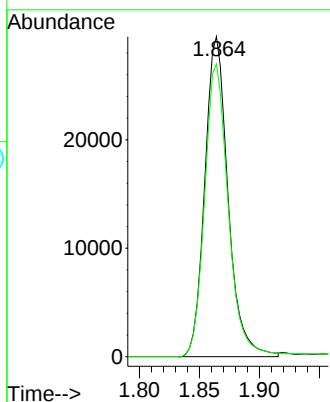
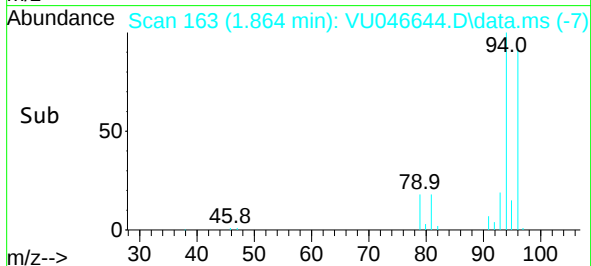
Instrument :
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ClientSampleId :
VSTDICCC010



Tgt Ion: 94 Resp: 3978
Ion Ratio Lower Upper
94 100
96 91.5 75.0 112.4

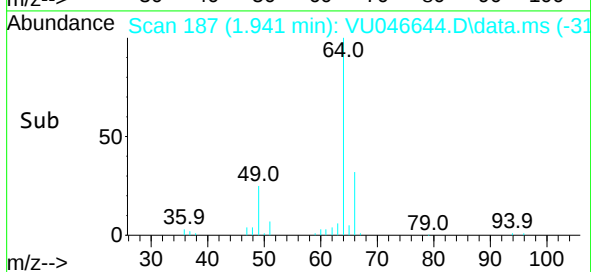
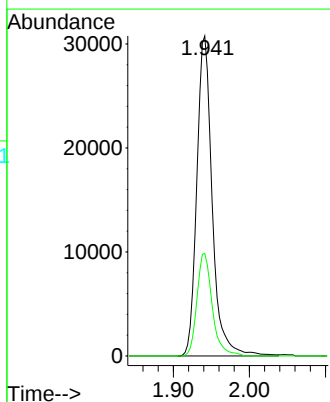
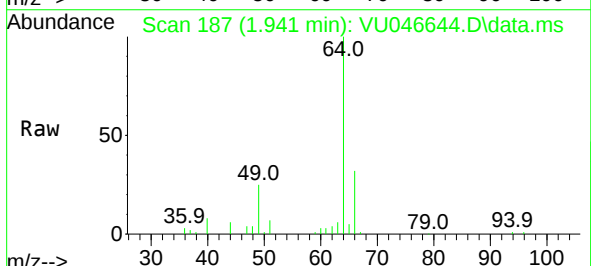
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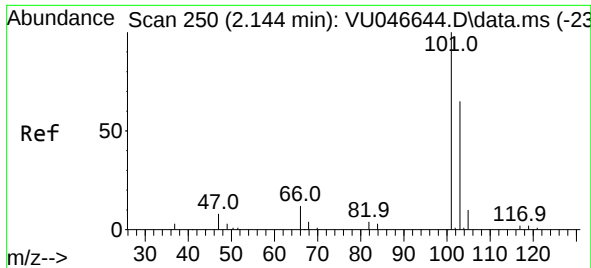
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#6
Chloroethane
Concen: 7.472 ug/l
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

Tgt Ion: 64 Resp: 43222
Ion Ratio Lower Upper
64 100
66 32.0 25.8 38.8





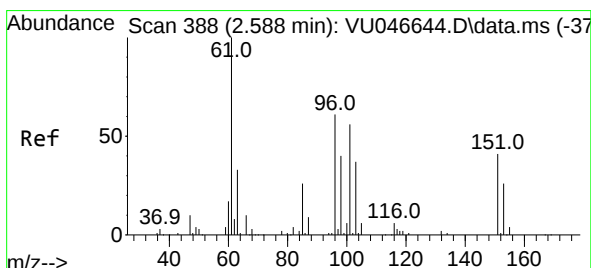
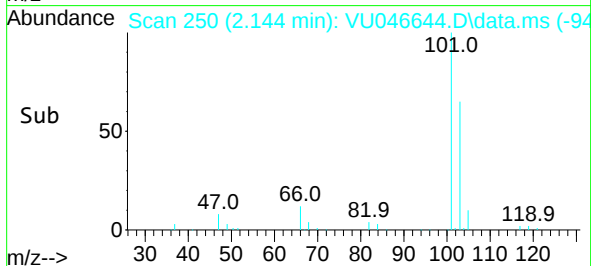
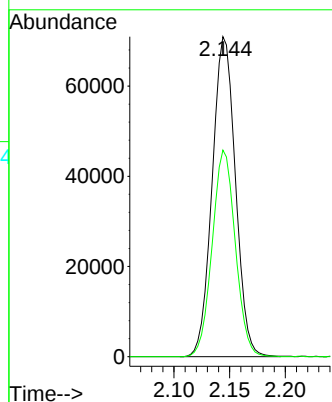
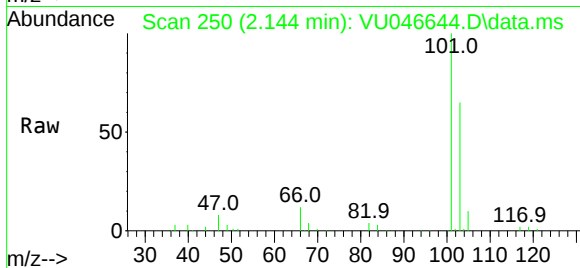
#7
Trichlorofluoromethane
Concen: 9.581 ug/l
RT: 2.144 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

Instrument :
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Tgt Ion:101 Resp: 103036
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2

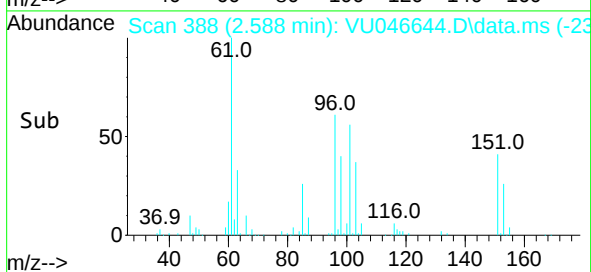
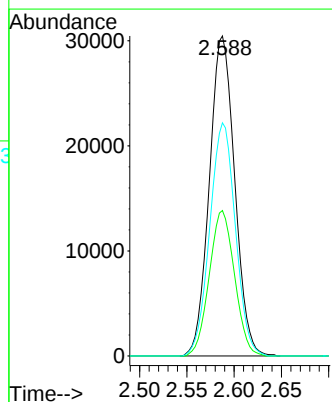
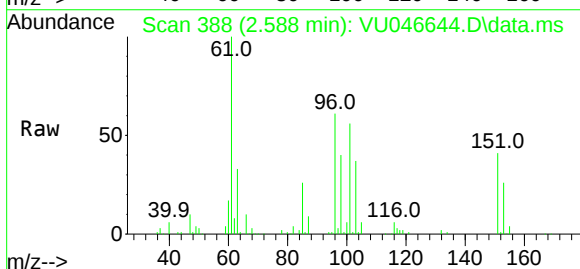
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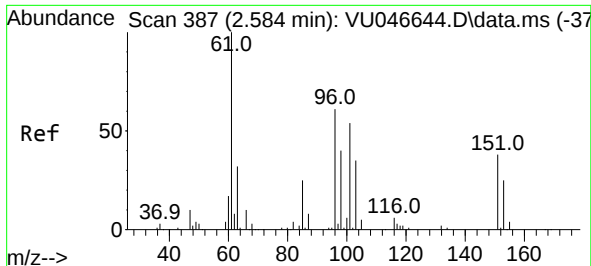
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.234 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

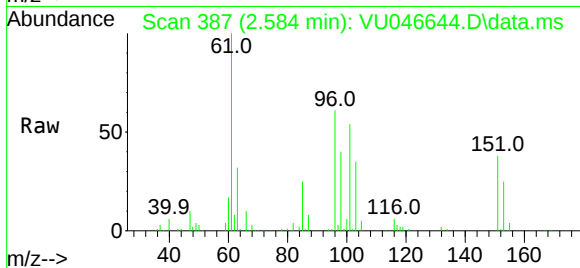
Tgt Ion:101 Resp: 56845
Ion Ratio Lower Upper
101 100
85 45.2 35.8 53.6
151 73.7 54.6 81.8





#9
1,1-Dichloroethene
Concen: 9.438 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

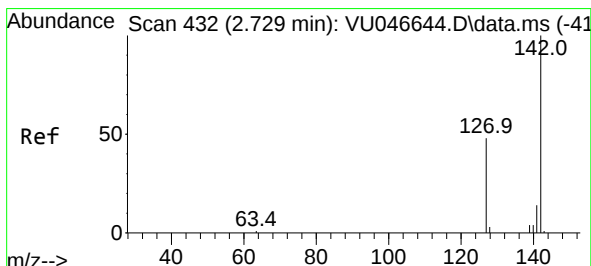
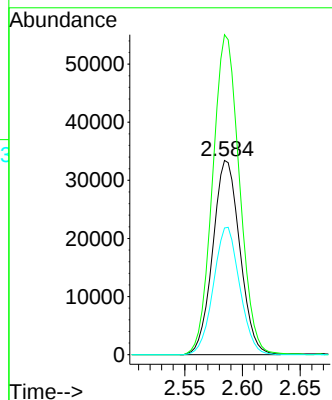
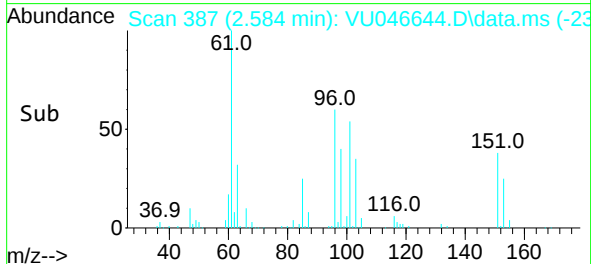
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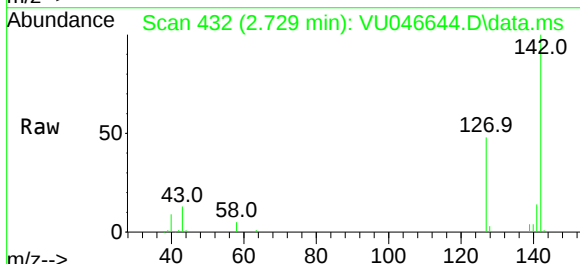
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Ion Ratio Lower Upper
96 100
61 164.8 0.0 514.2
98 65.3 0.0 126.4

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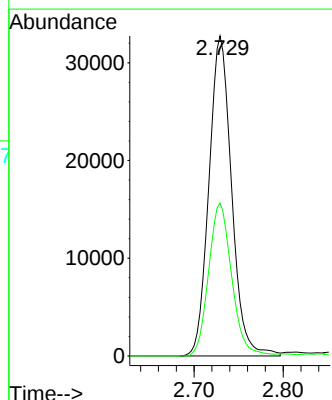
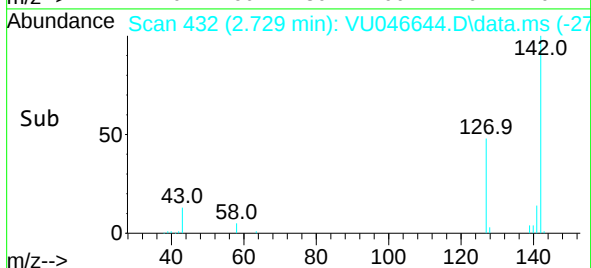
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

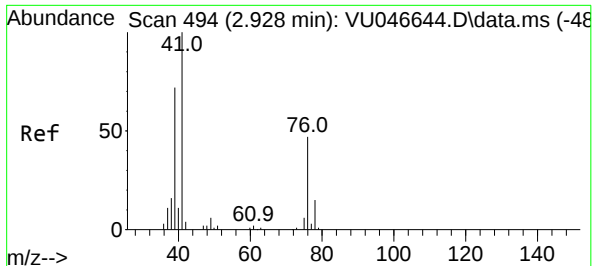


#10
Iodomethane
Concen: 9.736 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34



Tgt Ion:142 Resp: 57744
Ion Ratio Lower Upper
142 100
127 48.5 33.2 49.8





#11

Allyl Chloride

Concen: 8.541 ug/l

RT: 2.928 min Scan# 494

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 70890

Ion Ratio Lower Upper

41 100

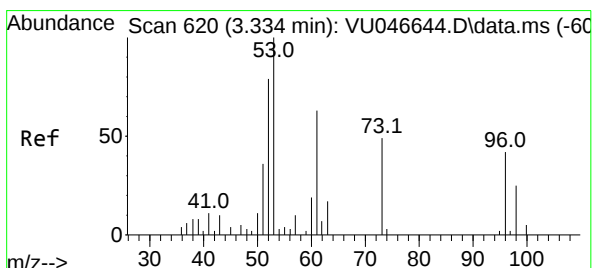
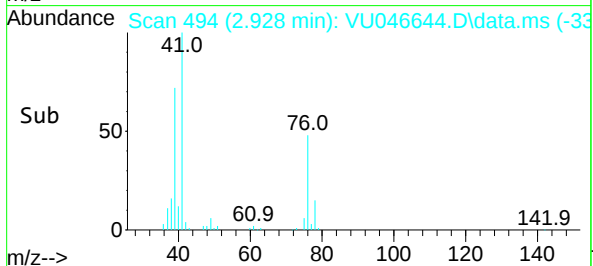
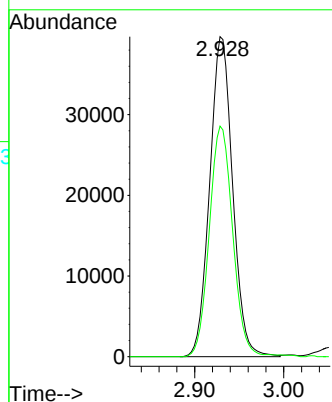
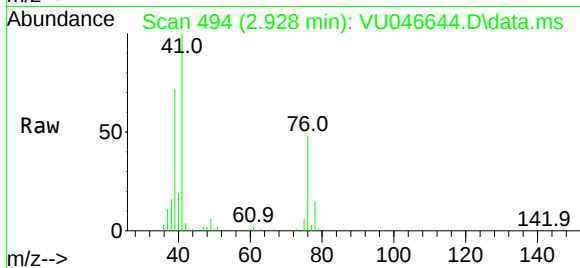
39 73.7 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#12

Acrylonitrile

Concen: 20.602 ug/l

RT: 3.334 min Scan# 620

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

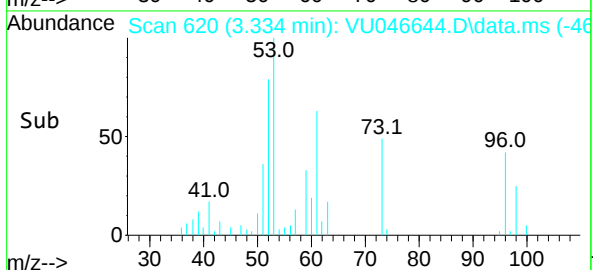
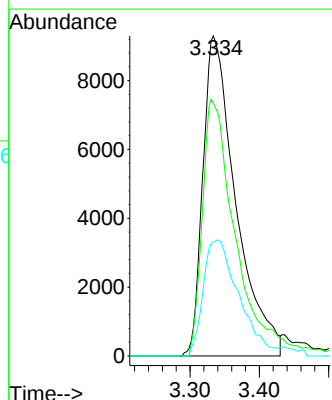
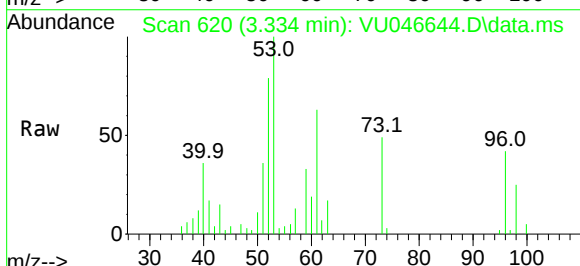
Tgt Ion: 53 Resp: 30670

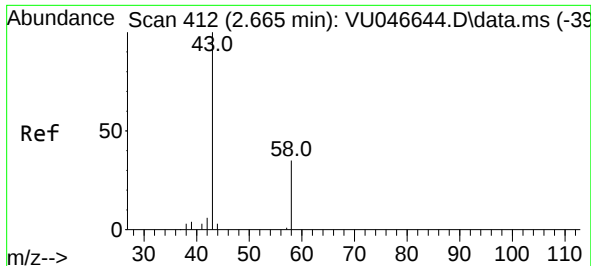
Ion Ratio Lower Upper

53 100

52 80.2 56.7 85.1

51 39.1 30.3 45.5





#13

Acetone

Concen: 35.706 ug/l

RT: 2.665 min Scan# 412

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 6033

Ion Ratio Lower Upper

43 100

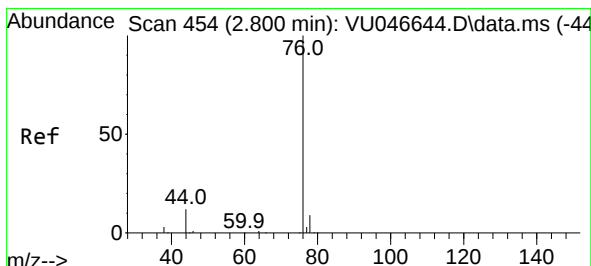
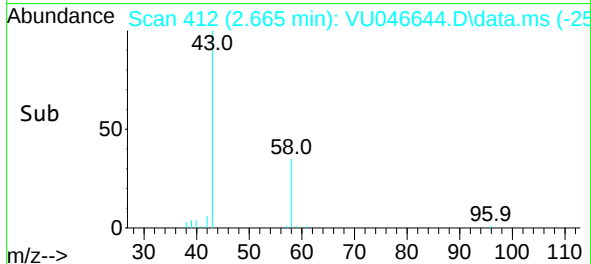
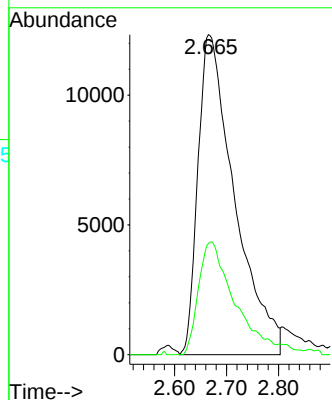
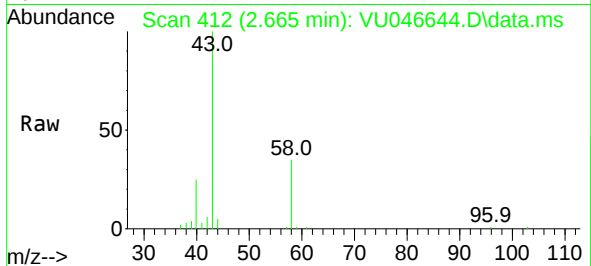
58 34.7 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#14

Carbon Disulfide

Concen: 9.759 ug/l

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046644.D

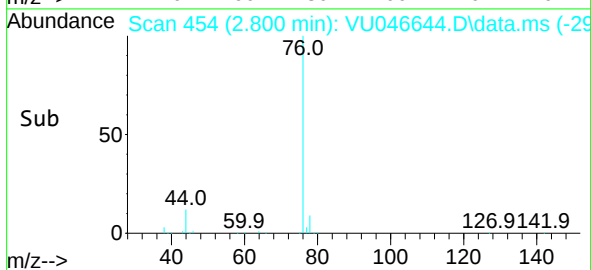
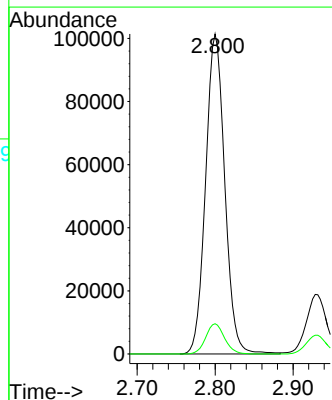
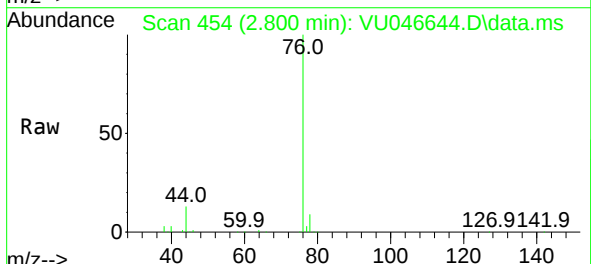
Acq: 30 Dec 2021 10:34

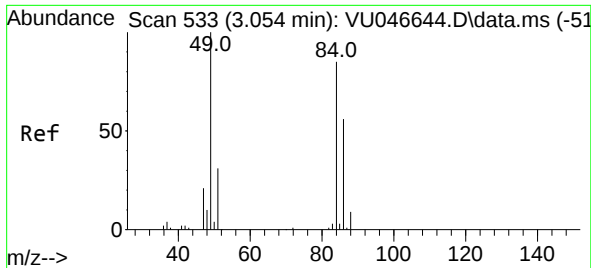
Tgt Ion: 76 Resp: 173107

Ion Ratio Lower Upper

76 100

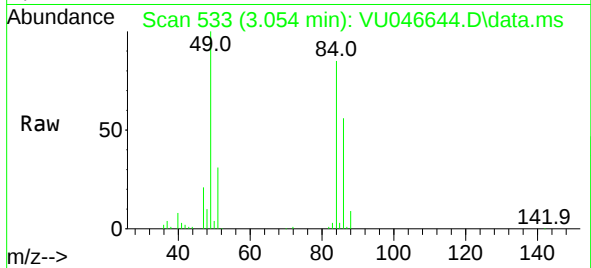
78 9.5 7.1 10.7





#15
Methylene Chloride
Concen: 8.847 ug/l
RT: 3.054 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

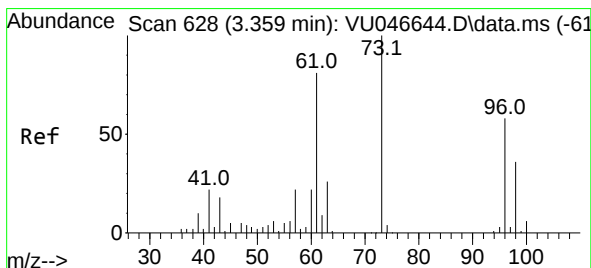
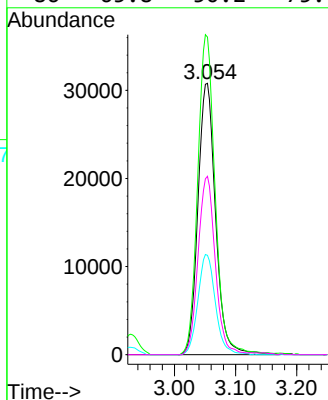
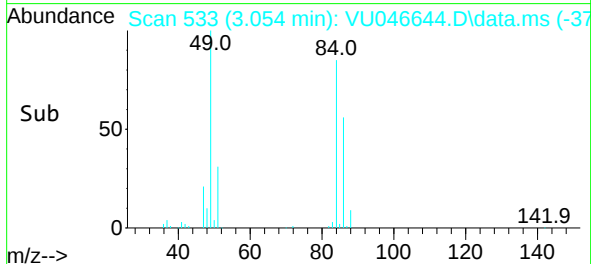
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 84 Resp: 61829
Ion Ratio Lower Upper
84 100
49 117.1 97.2 145.8
51 36.6 0.0 73.4
86 65.8 50.2 75.4

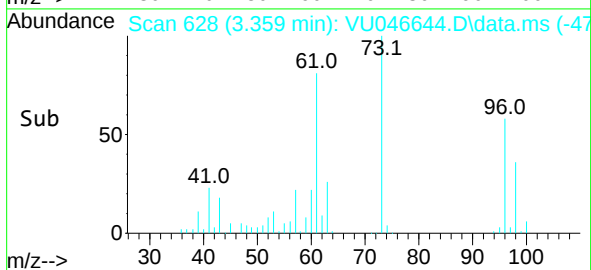
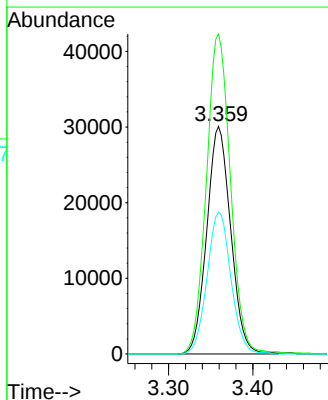
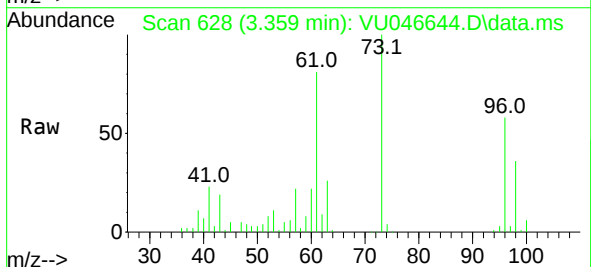
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APPROVED

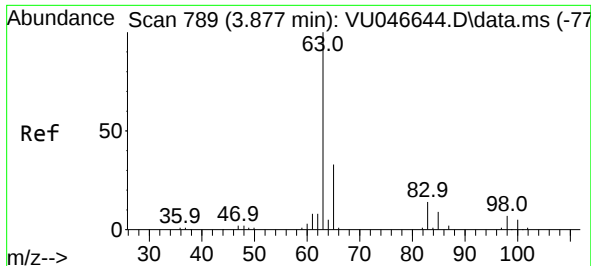
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#16
trans-1,2-Dichloroethene
Concen: 9.556 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

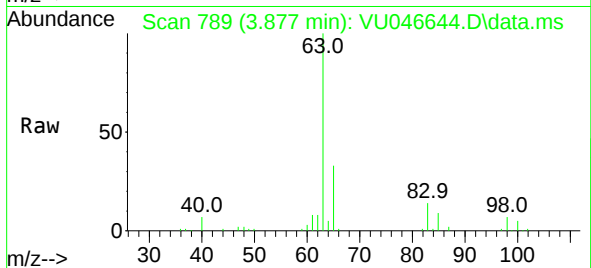
Tgt Ion: 96 Resp: 59427
Ion Ratio Lower Upper
96 100
61 140.6 115.8 173.6
98 62.4 51.1 76.7





#17
1,1-Dichloroethane
Concen: 9.227 ug/l
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

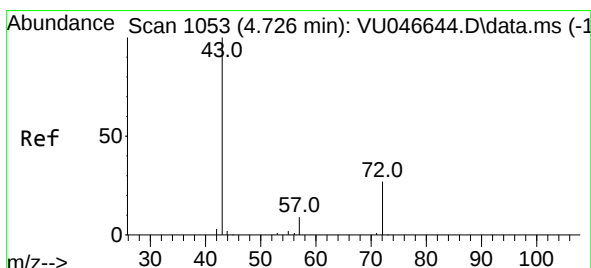
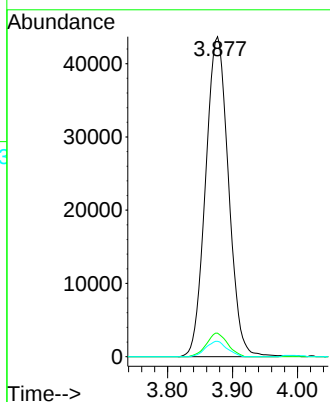
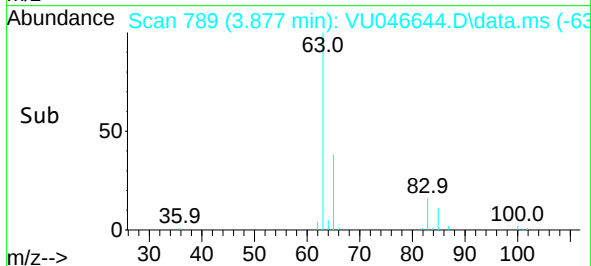
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 63 Resp: 10699
Ion Ratio Lower Upper
63 100
98 7.4 3.6 10.8
100 4.8 2.1 6.5

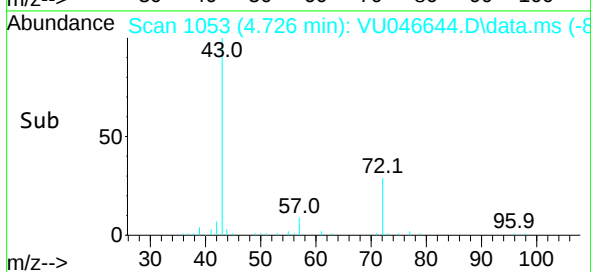
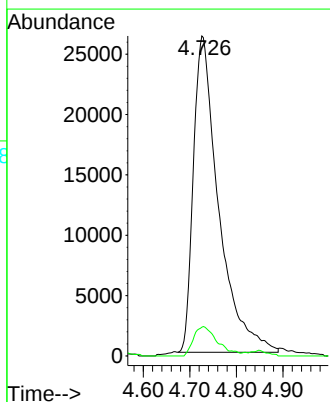
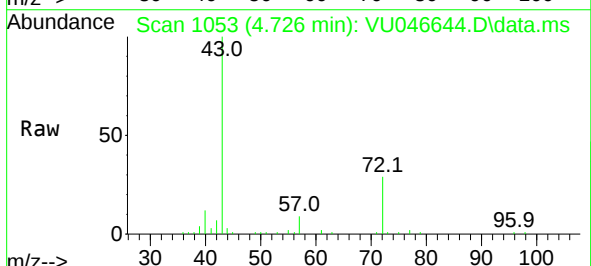
Manual Integrations
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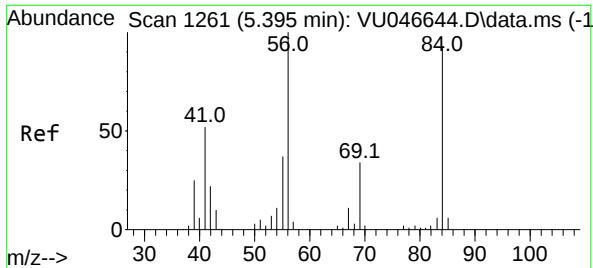
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#18
2-Butanone
Concen: 44.826 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

Tgt Ion: 43 Resp: 98793
Ion Ratio Lower Upper
43 100
57 9.1 0.0 16.6





#19

Cyclohexane

Concen: 7.302 ug/l

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

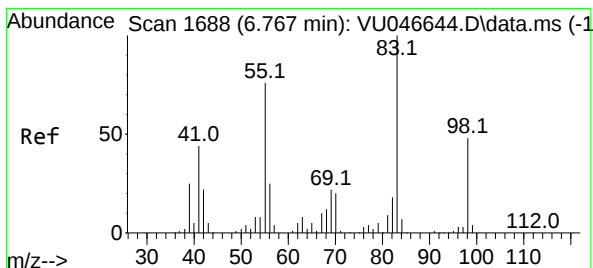
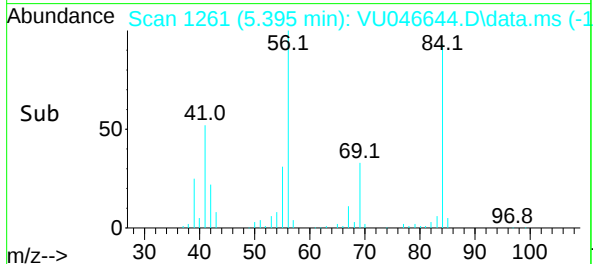
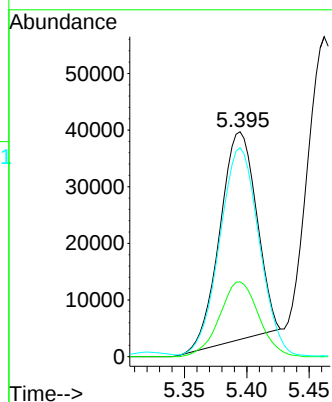
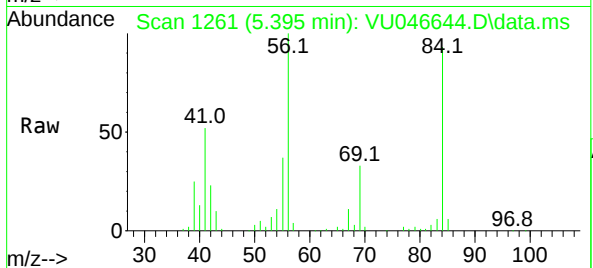
Tgt Ion: 56 Resp: 7530

Ion	Ratio	Lower	Upper
56	100		
69	38.4	24.7	37.1
84	107.7	68.8	103.2

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 8.775 ug/l

RT: 6.767 min Scan# 1688

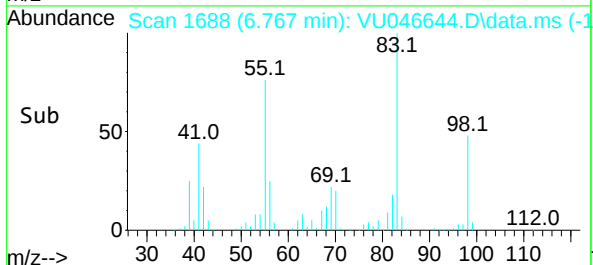
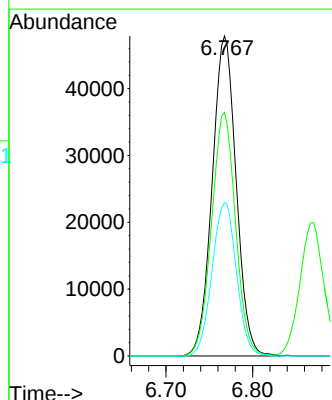
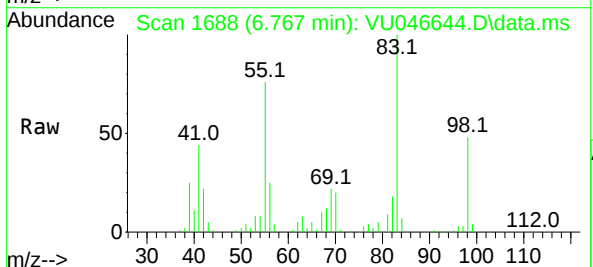
Delta R.T. 0.000 min

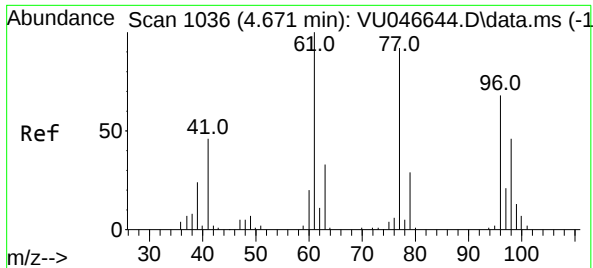
Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Tgt Ion: 83 Resp: 92130

Ion	Ratio	Lower	Upper
83	100		
55	75.7	61.9	92.9
98	48.7	37.4	56.2





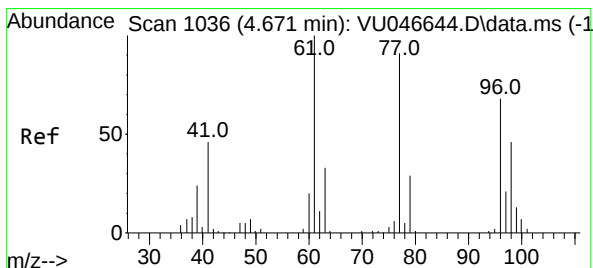
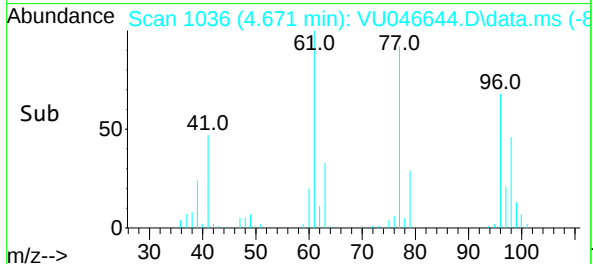
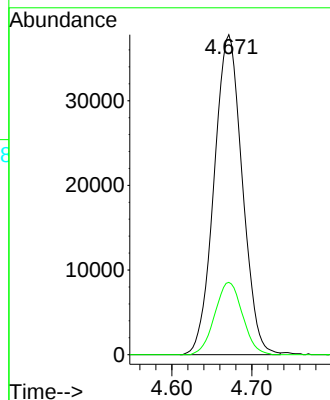
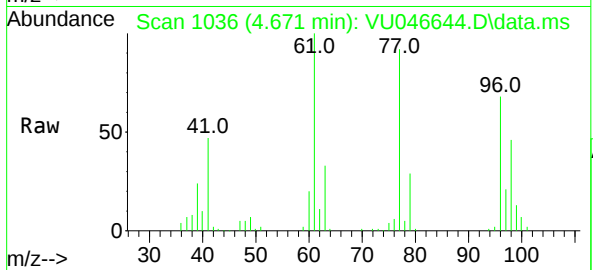
#21
2,2-Dichloropropane
Concen: 9.364 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 77 Resp: 9255
Ion Ratio Lower Upper
77 100
97 22.2 17.2 25.8

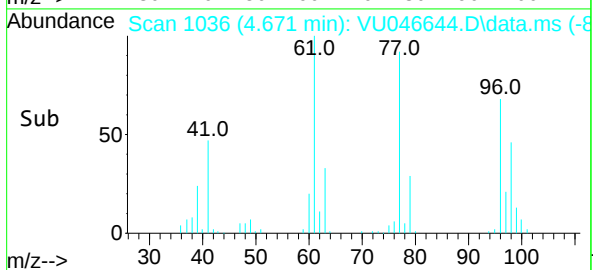
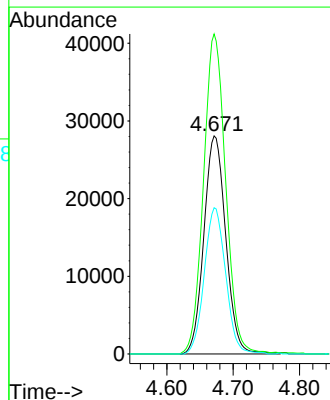
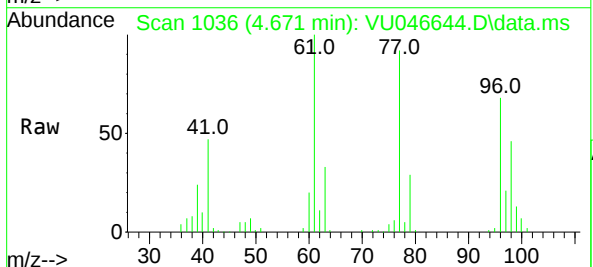
Manual Integrations
APPROVED

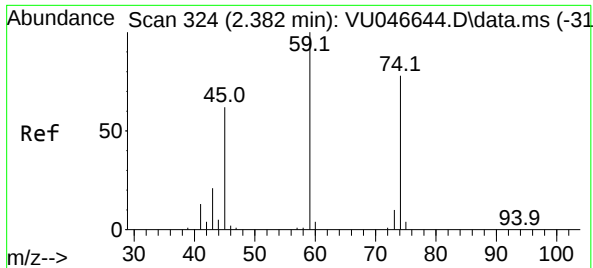
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#22
cis-1,2-Dichloroethene
Concen: 9.452 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

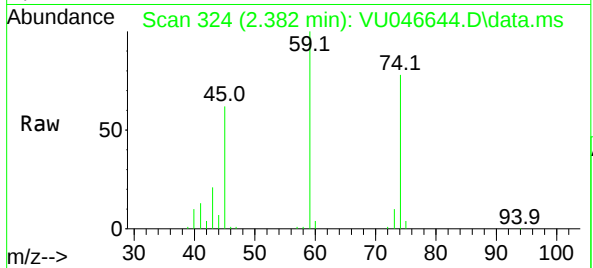
Tgt Ion: 96 Resp: 64444
Ion Ratio Lower Upper
96 100
61 148.1 0.0 385.3
98 65.4 32.1 96.3





#23
Diethyl Ether
Concen: 7.613 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

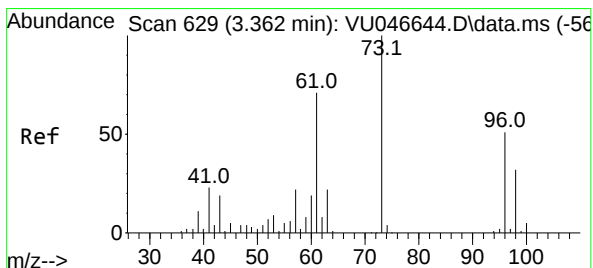
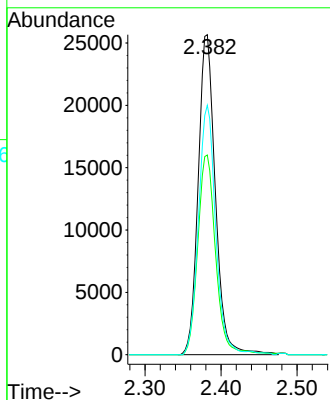
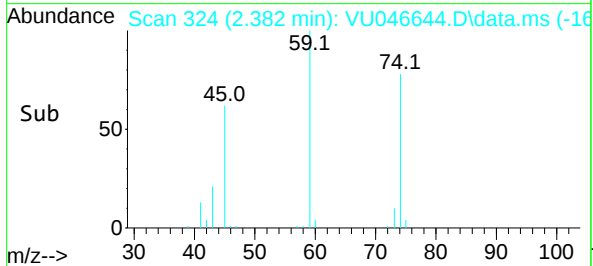
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 59 Resp: 4030
Ion Ratio Lower Upper
59 100
45 65.0 55.6 83.4
74 77.2 58.1 87.1

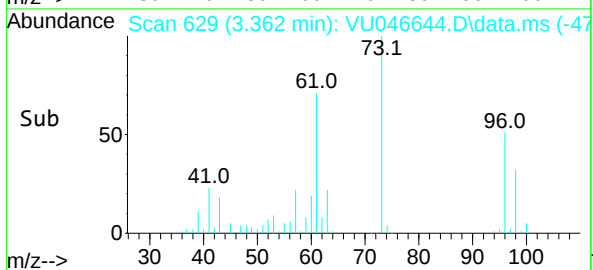
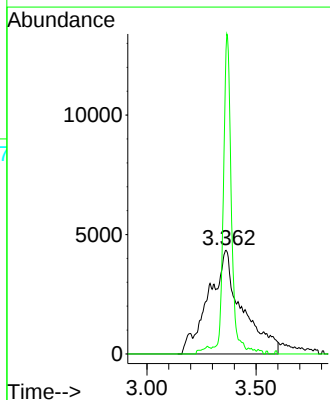
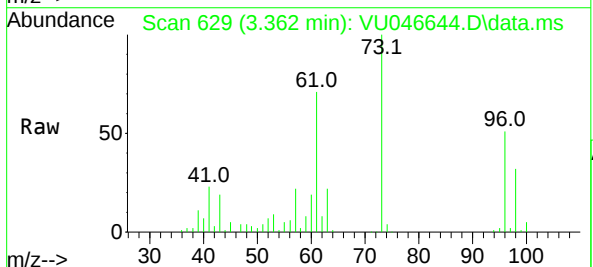
Manual Integrations
APPROVED

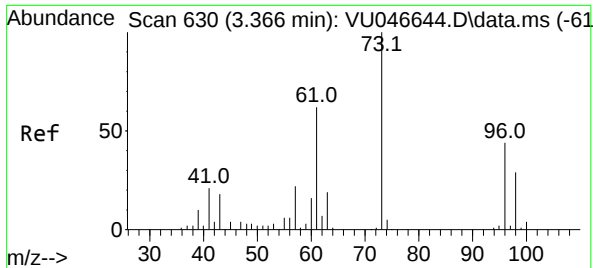
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#24
tert-Butyl Alcohol
Concen: 101.940 ug/l m
RT: 3.362 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

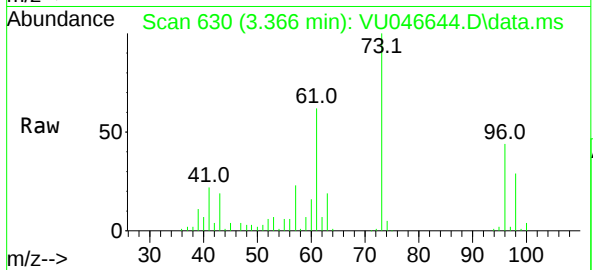
Tgt Ion: 59 Resp: 46056
Ion Ratio Lower Upper
59 100
57 68.6 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 8.996 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

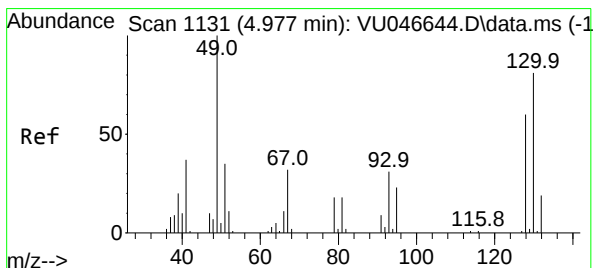
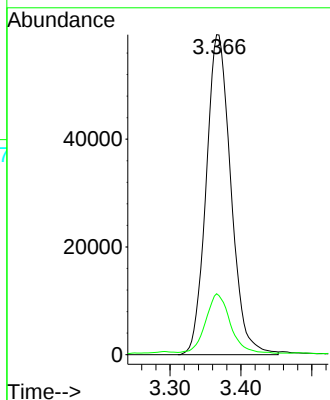
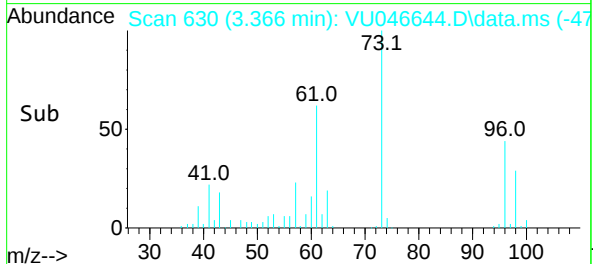
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 143798
Ion Ratio Lower Upper
73 100
43 18.5 16.3 24.5

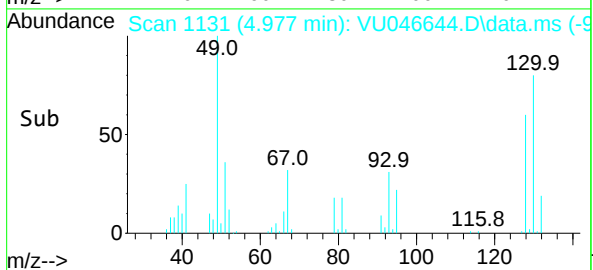
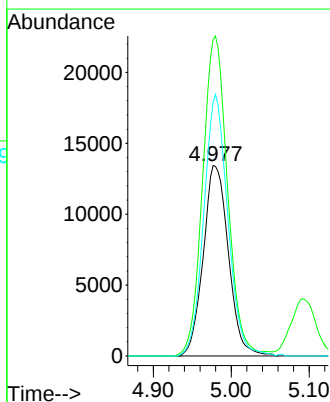
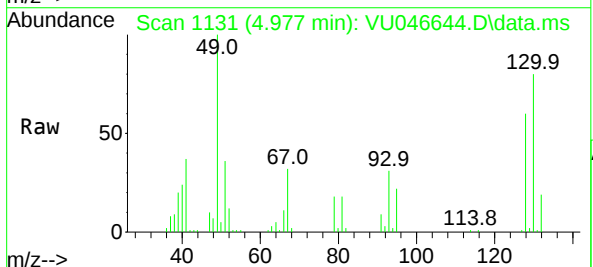
Manual Integrations
APPROVED

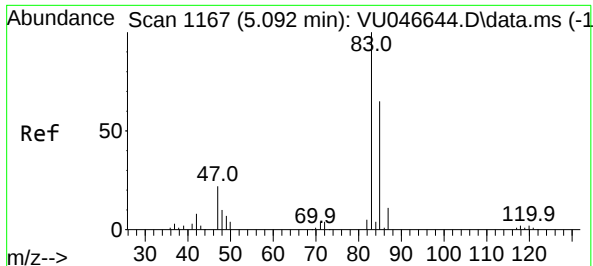
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#26
Bromochloromethane
Concen: 10.162 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

Tgt Ion:128 Resp: 30177
Ion Ratio Lower Upper
128 100
49 166.1 0.0 347.4
130 131.2 101.5 152.3





#27

Chloroform

Concen: 9.597 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 11533

Ion Ratio Lower Upper

83 100

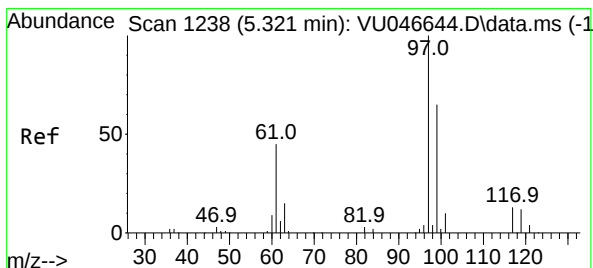
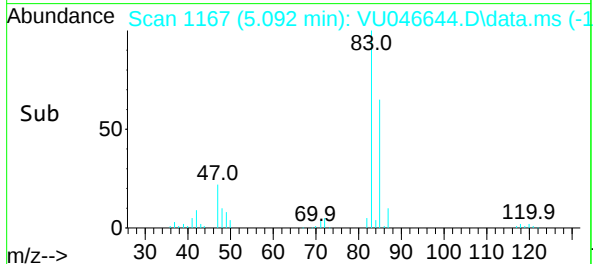
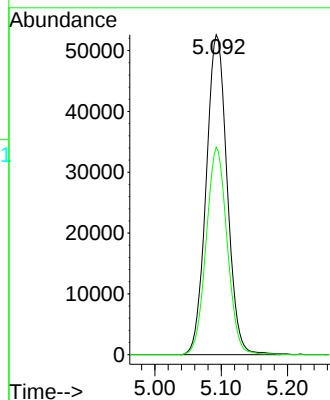
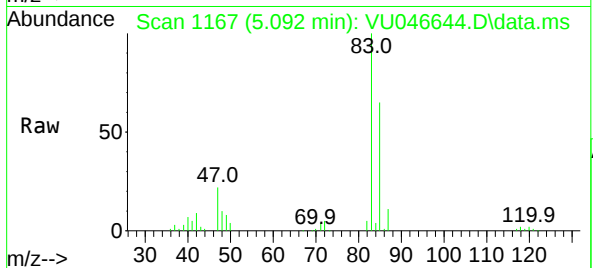
85 64.8 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#28

1,1,1-Trichloroethane

Concen: 10.291 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

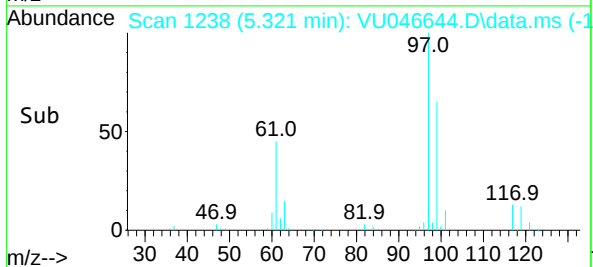
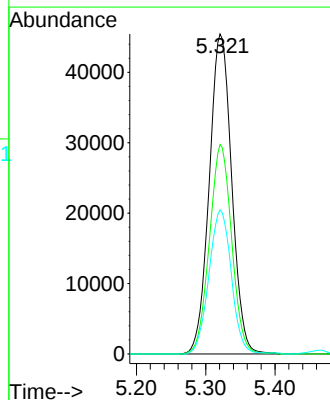
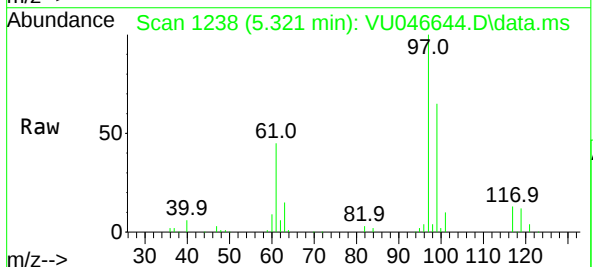
Tgt Ion: 97 Resp: 102118

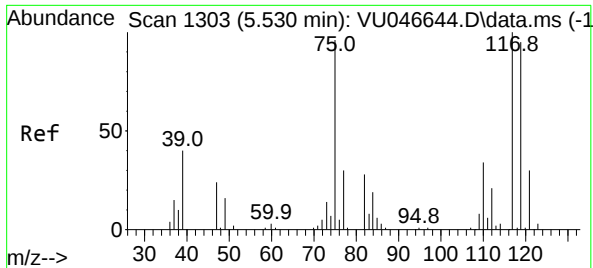
Ion Ratio Lower Upper

97 100

99 64.8 32.2 96.6

61 45.0 24.5 73.5





#29

1,1-Dichloropropene

Concen: 9.685 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

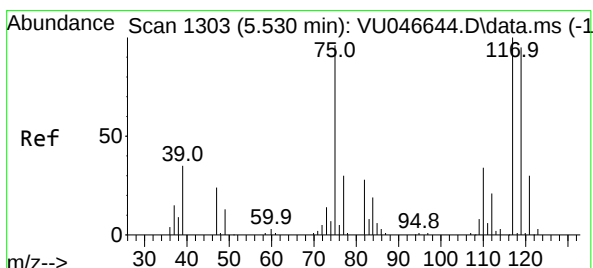
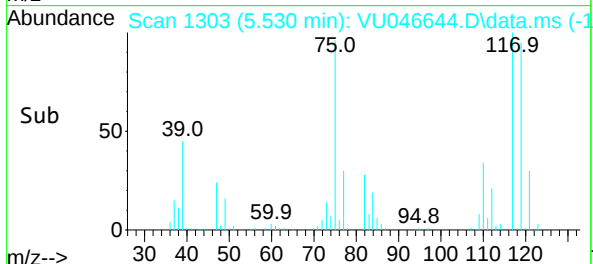
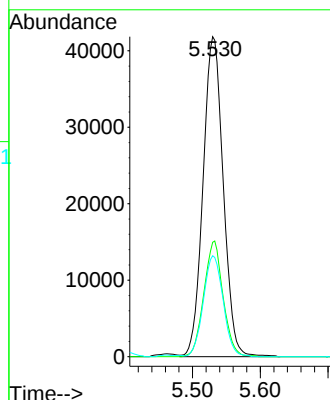
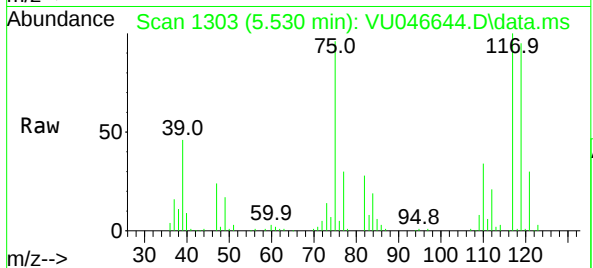
Tgt Ion: 75 Resp: 8667

Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.8	50.3
77	30.9	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: 11.766 ug/l

RT: 5.530 min Scan# 1303

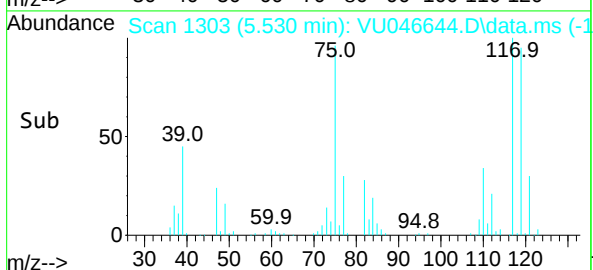
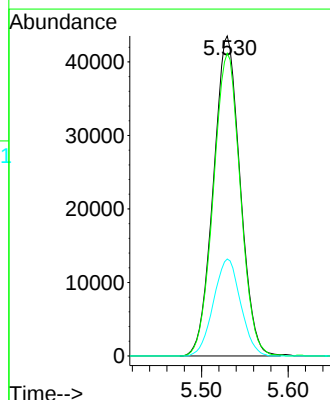
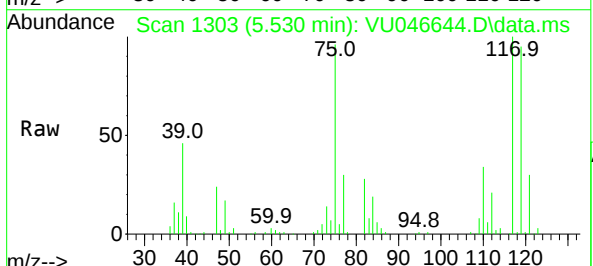
Delta R.T. 0.000 min

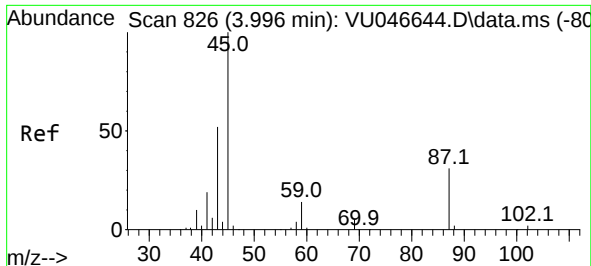
Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Tgt Ion:117 Resp: 93149

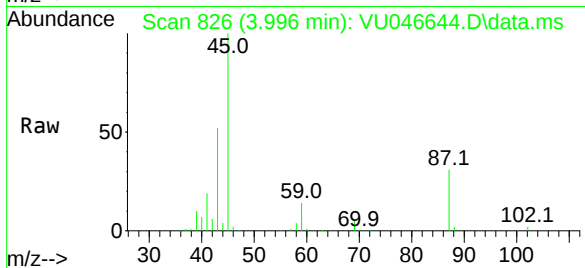
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.8	115.2
121	30.3	24.6	37.0





#31
Isopropyl Ether
Concen: 8.235 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

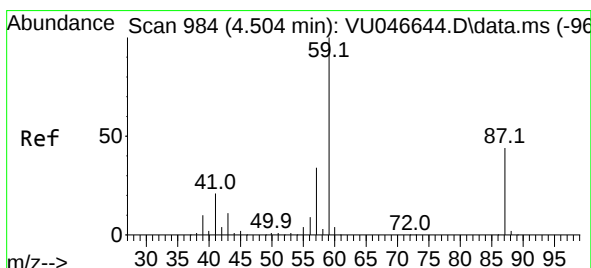
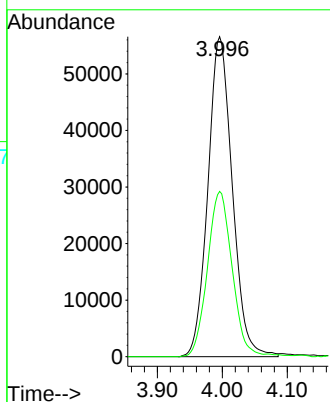
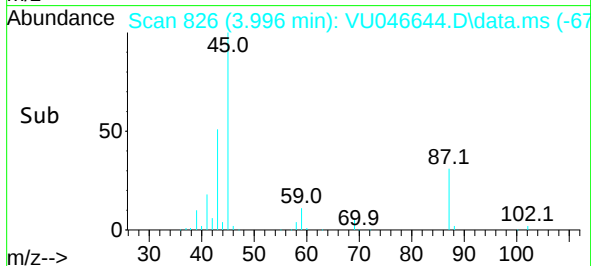
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



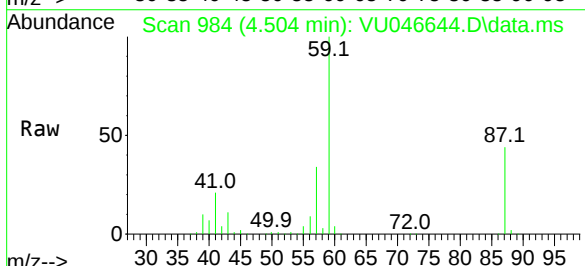
Tgt Ion: 45 Resp: 147672
Ion Ratio Lower Upper
45 100
43 51.9 25.3 75.8

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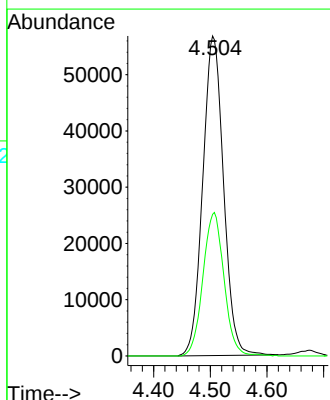
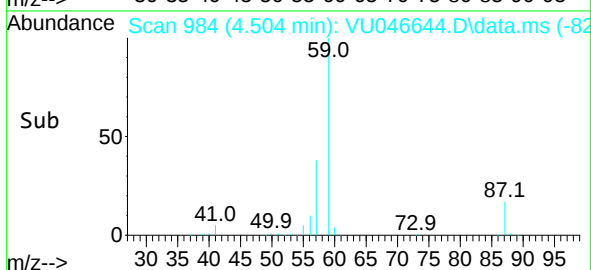
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

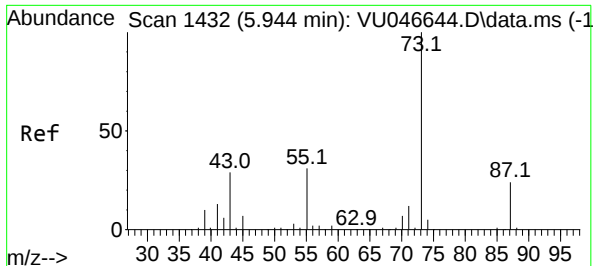


#32
Ethyl-t-butyl ether
Concen: 8.049 ug/l
RT: 4.504 min Scan# 984
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34



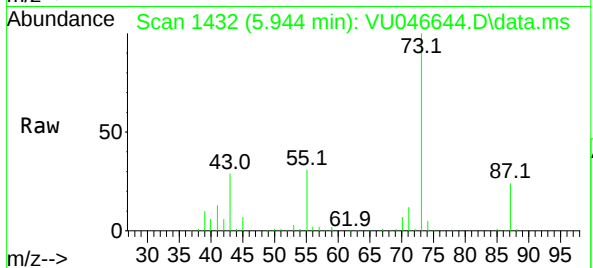
Tgt Ion: 59 Resp: 144744
Ion Ratio Lower Upper
59 100
87 44.6 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 8.773 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

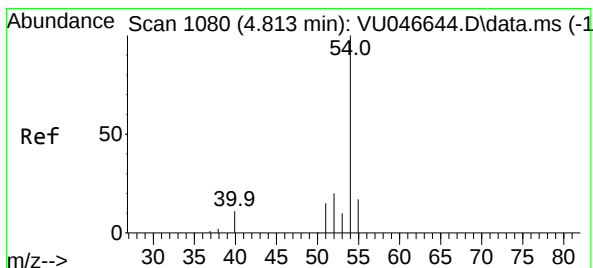
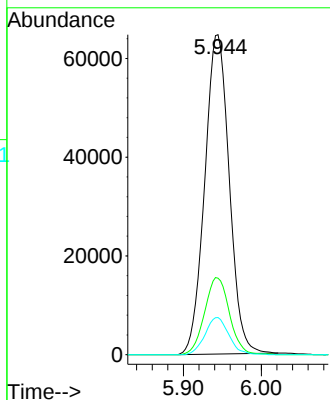
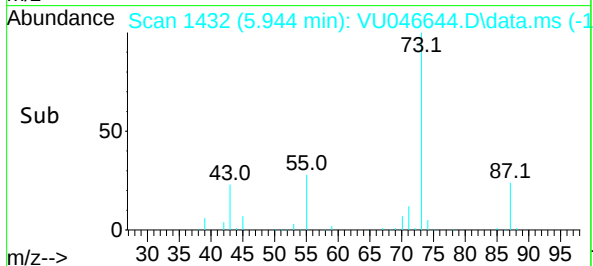
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 73 Resp: 14143
Ion Ratio Lower Upper
73 100
87 24.5 18.6 28.0
71 11.0 9.0 13.6

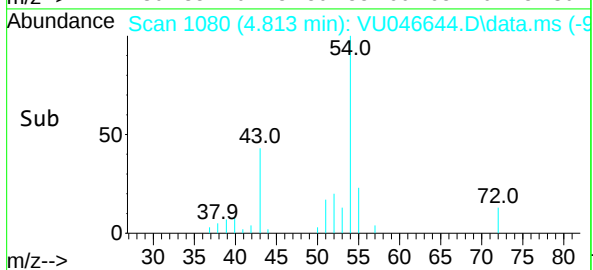
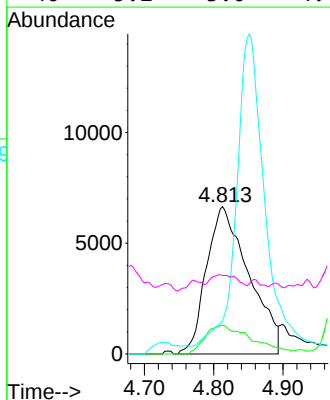
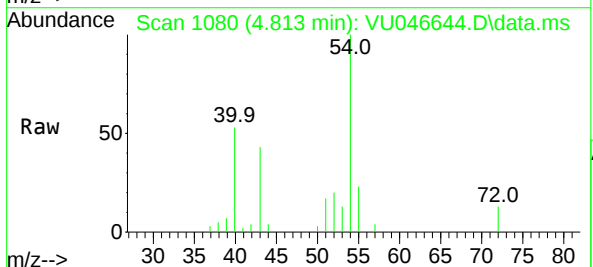
Manual Integrations
APPROVED

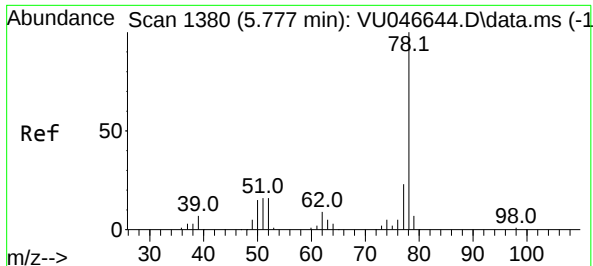
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#34
Propionitrile
Concen: 50.609 ug/l
RT: 4.813 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

Tgt Ion: 54 Resp: 28414
Ion Ratio Lower Upper
54 100
52 21.3 11.9 17.9#
55 0.0 8.0 12.0#
40 5.2 3.0 4.4#





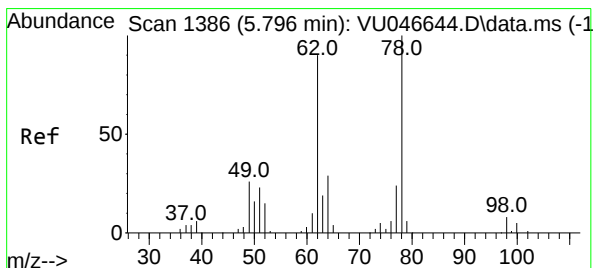
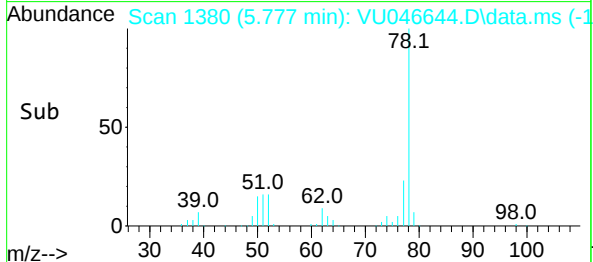
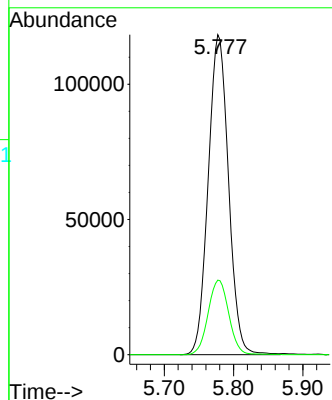
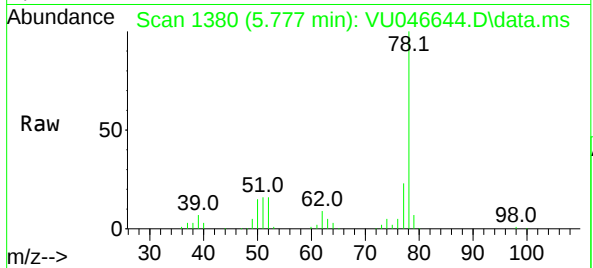
#35
Benzene
Concen: 9.318 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 78 Resp: 240204
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7

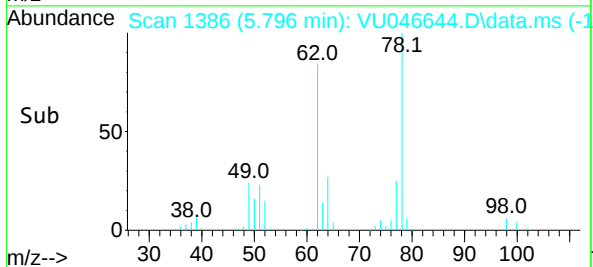
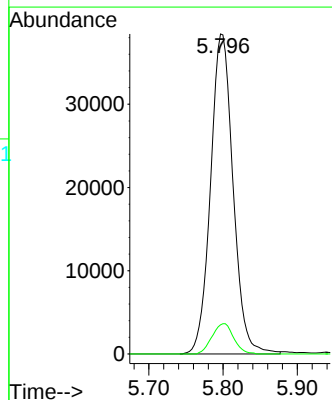
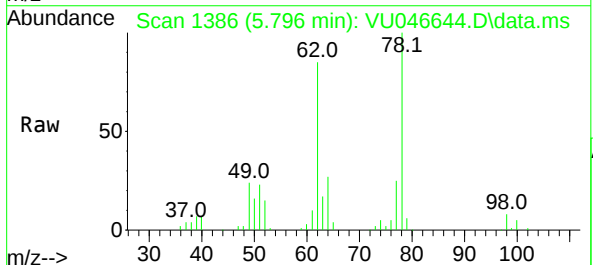
Manual Integrations
APPROVED

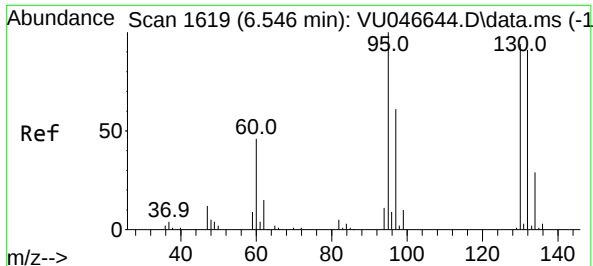
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#36
1,2-Dichloroethane
Concen: 9.749 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

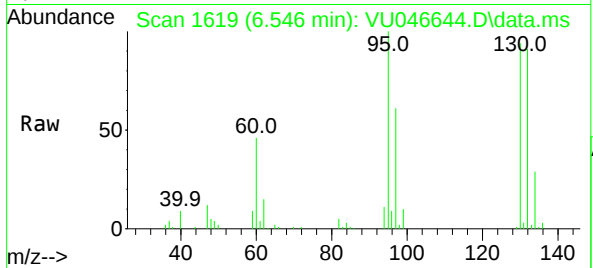
Tgt Ion: 62 Resp: 81089
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9





#37
Trichloroethene
Concen: 9.593 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

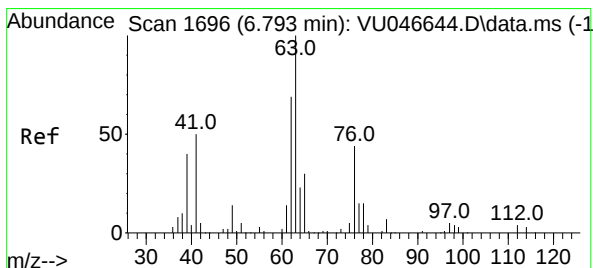
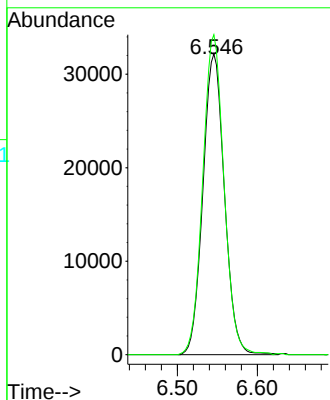
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



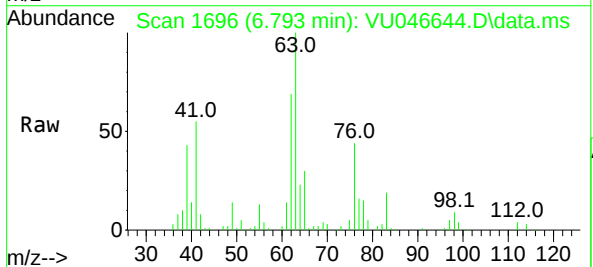
Tgt Ion:130 Resp: 60190
Ion Ratio Lower Upper
130 100
95 106.4 83.8 125.8

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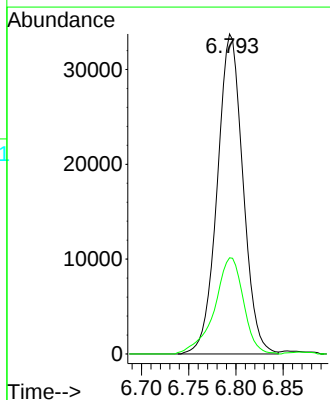
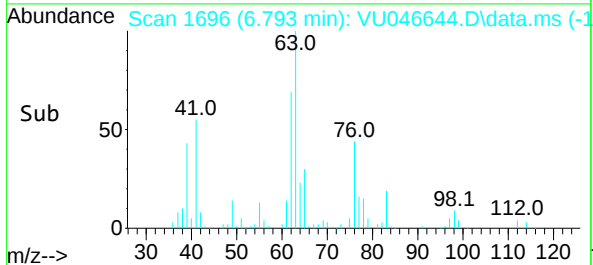
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

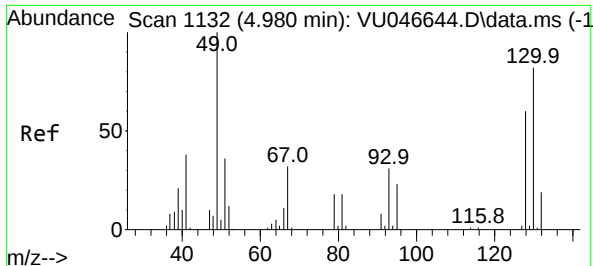


#38
1,2-Dichloropropane
Concen: 9.538 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34



Tgt Ion: 63 Resp: 63858
Ion Ratio Lower Upper
63 100
65 30.0 24.7 37.1





#39

Methacrylonitrile

Concen: 9.672 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 41 Resp: 2140

Ion Ratio Lower Upper

41 100

67 82.7 65.2 97.8

39 54.8 43.0 64.6

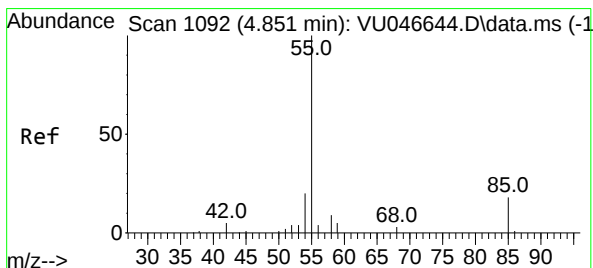
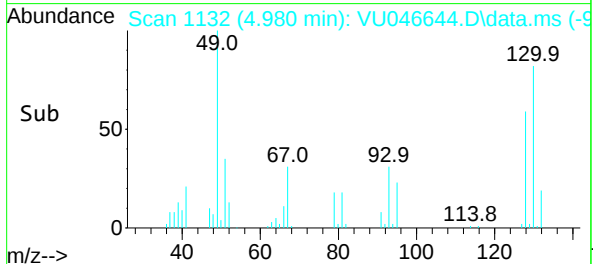
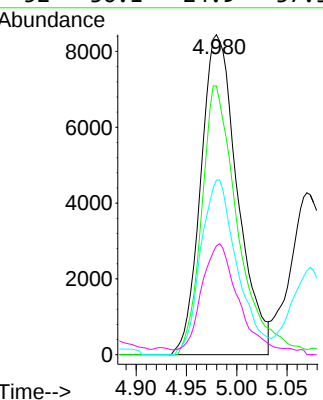
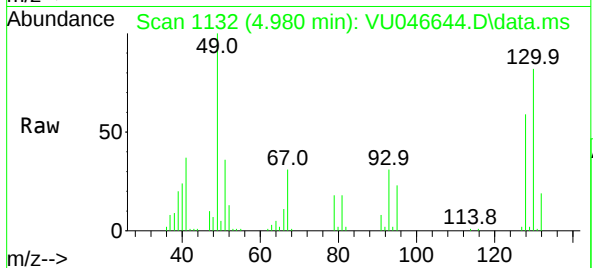
52 36.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#40

Methyl acrylate

Concen: 11.249 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Tgt Ion: 55 Resp: 41991

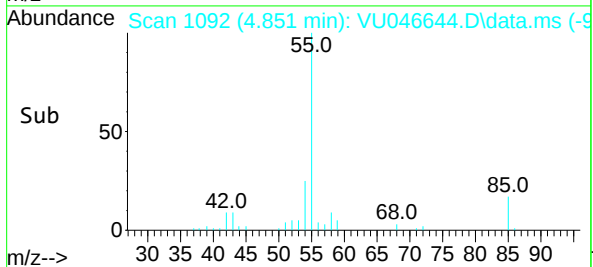
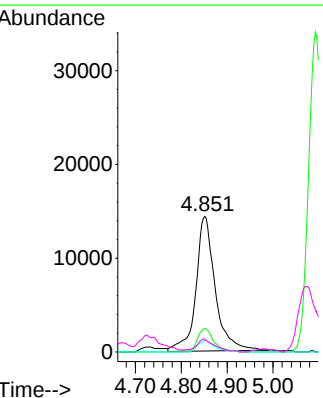
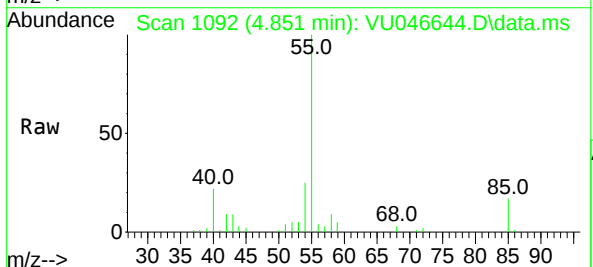
Ion Ratio Lower Upper

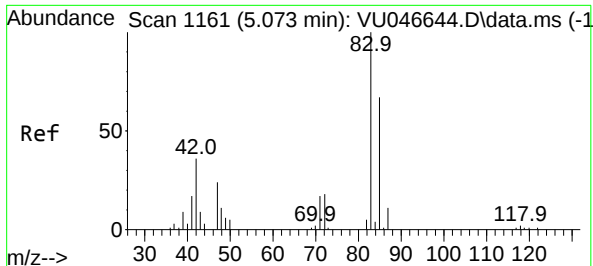
55 100

85 14.3 12.2 18.2

58 7.8 6.7 10.1

42 7.7 6.9 10.3





#41

Tetrahydrofuran

Concen: 18.439 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Instrument :

MSVOA_U

ClientSampleId :

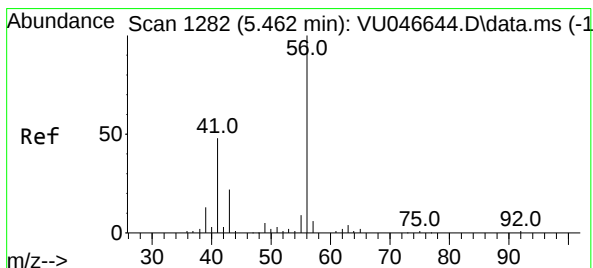
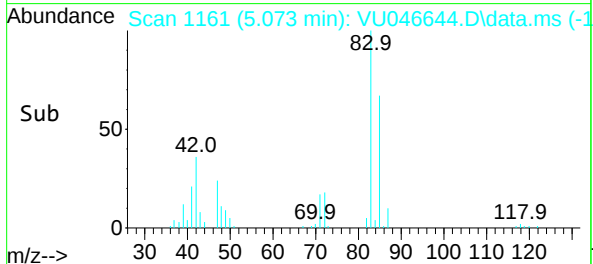
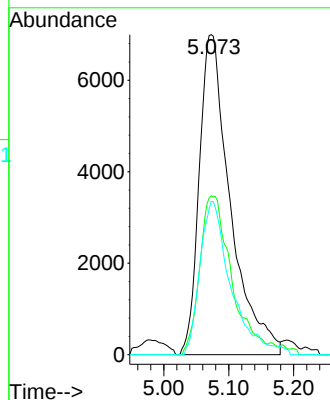
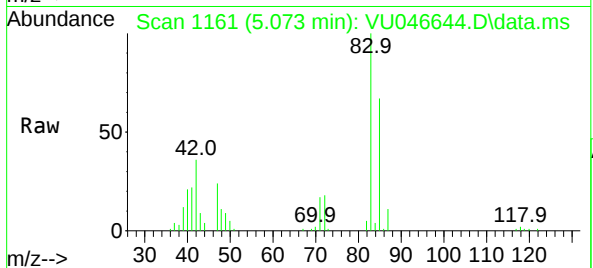
VSTDICCC010

Tgt Ion:	42	Resp:	23304
Ion Ratio	Lower	Upper	
42	100		
72	50.5	42.4	63.6
71	44.6	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: 9.083 ug/l

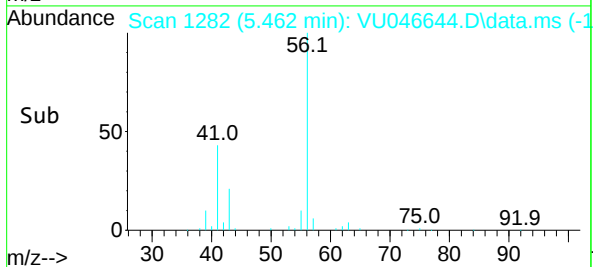
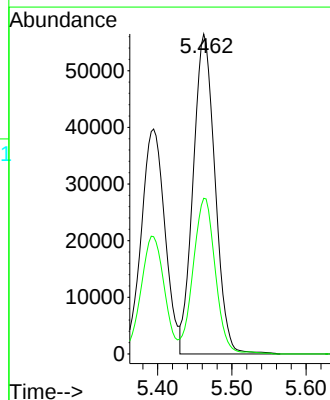
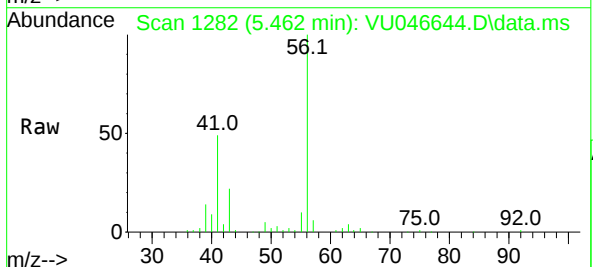
RT: 5.462 min Scan# 1282

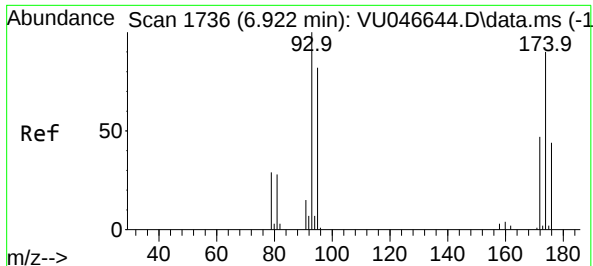
Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

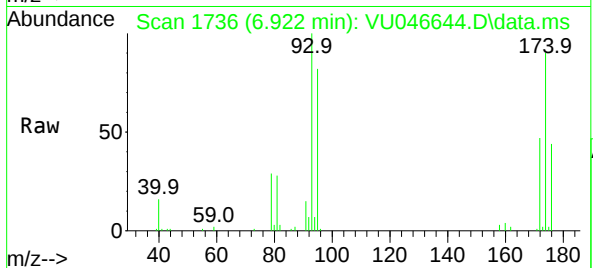
Tgt Ion:	56	Resp:	115627
Ion Ratio	Lower	Upper	
56	100		
41	48.1	26.0	78.0





#43
Dibromomethane
Concen: 10.879 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

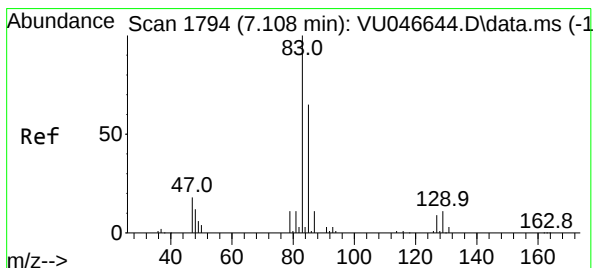
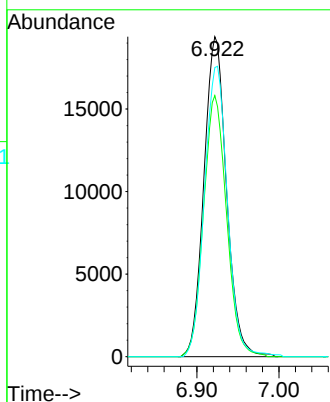
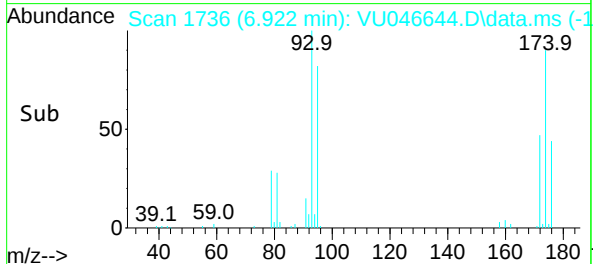
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



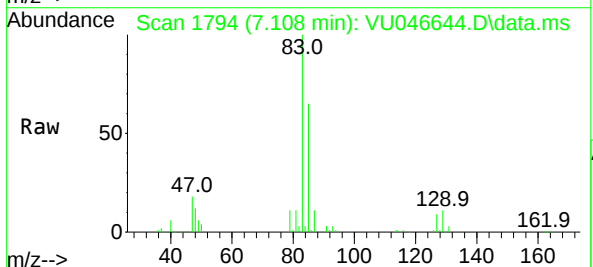
Tgt Ion: 93 Resp: 3714
Ion Ratio Lower Upper
93 100
95 82.8 66.2 99.2
174 92.5 70.7 106.1

Manual Integrations
APPROVED

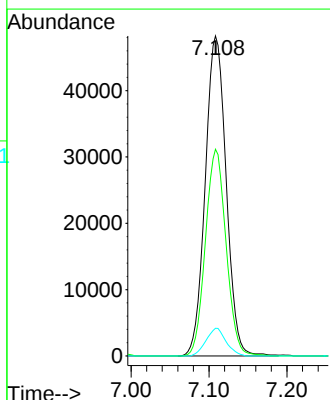
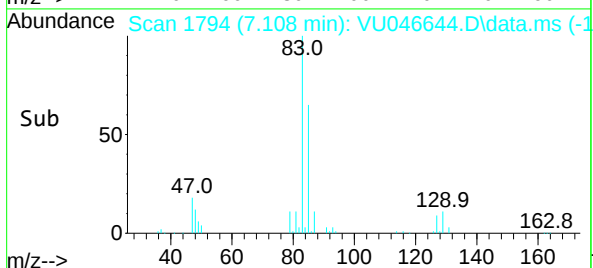
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

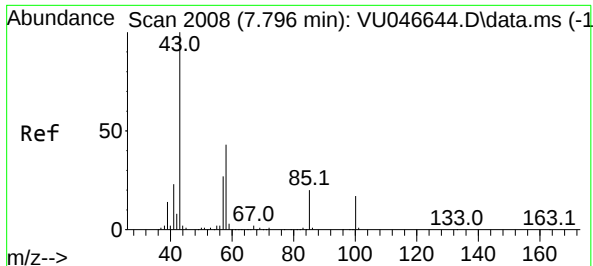


#44
Bromodichloromethane
Concen: 10.686 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34



Tgt Ion: 83 Resp: 90328
Ion Ratio Lower Upper
83 100
85 64.6 50.9 76.3
127 8.7 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 48.225 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 218698

Ion Ratio Lower Upper

43 100

58 42.5 21.0 63.0

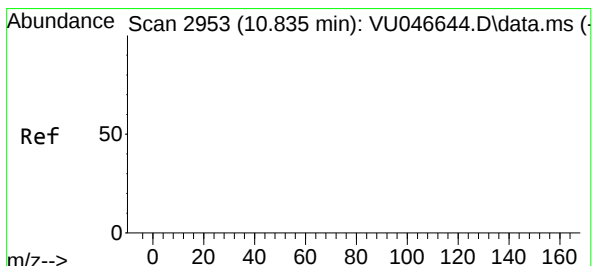
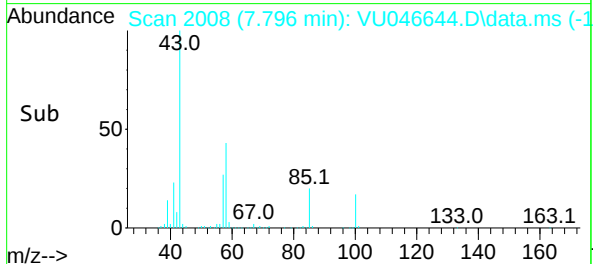
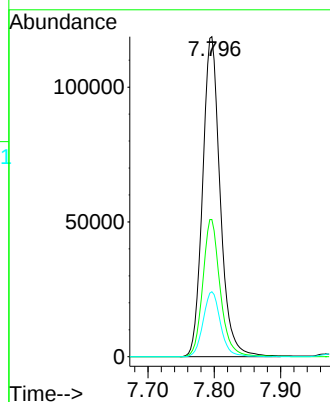
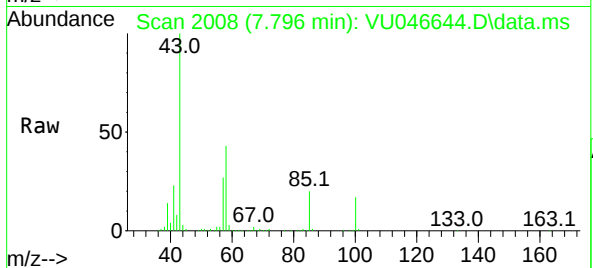
85 20.1 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#46

t-1,4-Dichloro-2-butene

Concen: 29.388 ug/l m

RT: 10.832 min Scan# 2952

Delta R.T. -0.003 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Tgt Ion: 75 Resp: 48995

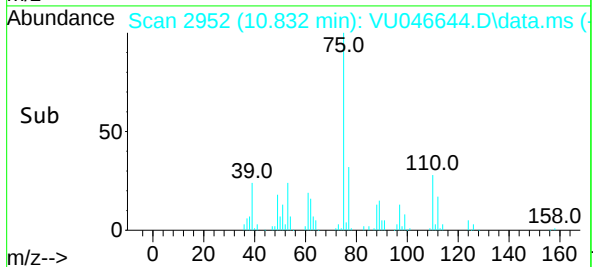
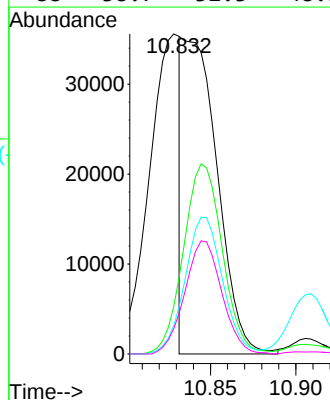
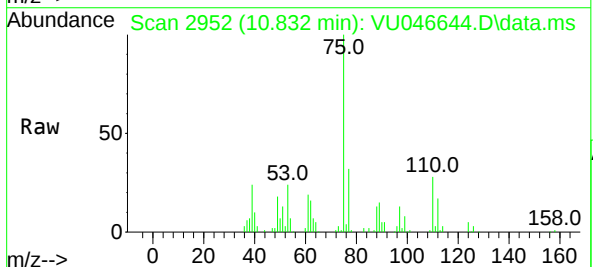
Ion Ratio Lower Upper

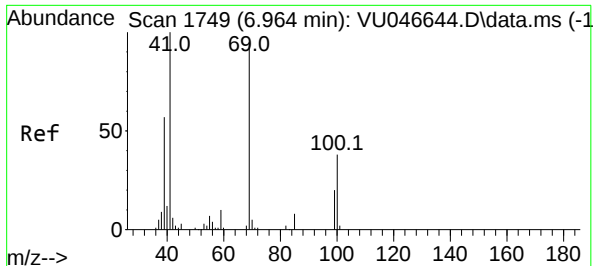
75 100

53 68.2 66.8 100.2

89 47.5 41.7 62.5

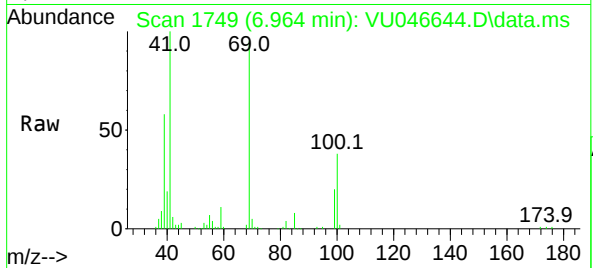
88 38.7 32.3 48.5





#47
Methyl methacrylate
Concen: 20.245 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

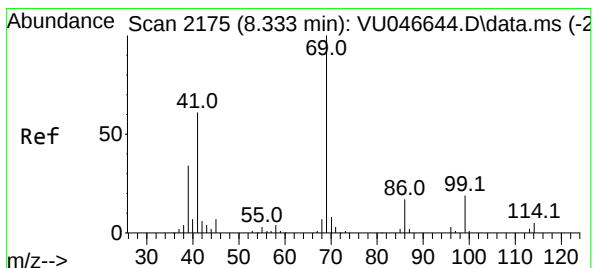
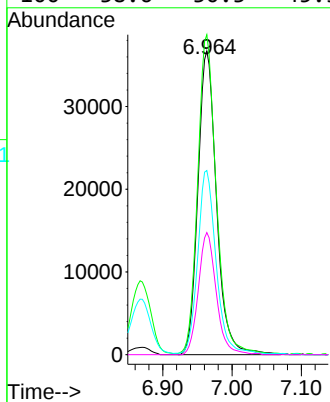
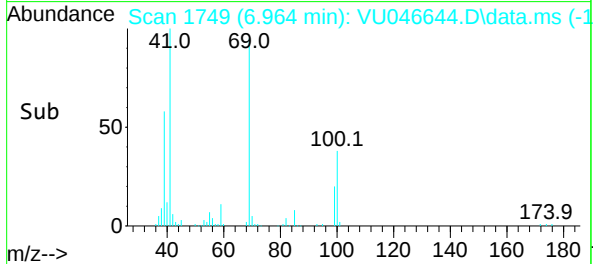
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 69 Resp: 6861
Ion Ratio Lower Upper
69 100
41 104.7 0.0 230.0
39 59.3 55.1 82.7
100 38.6 30.3 45.5

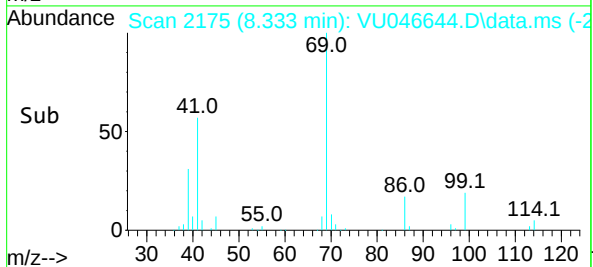
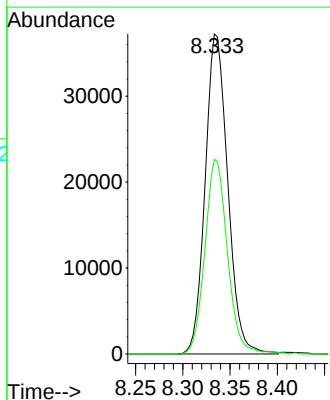
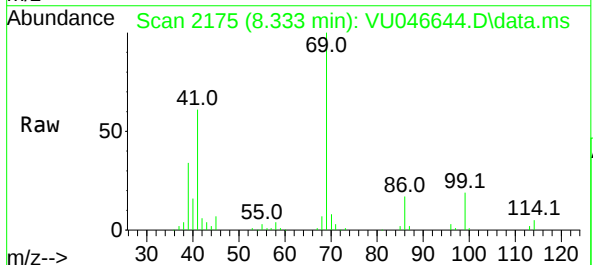
Manual Integrations
APPROVED

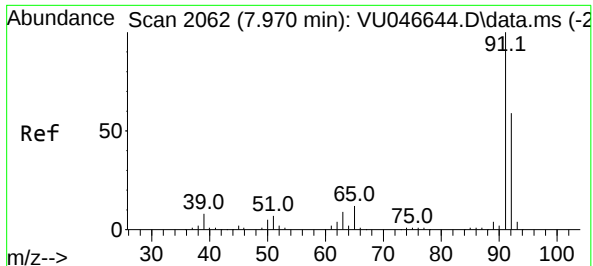
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#48
Ethyl methacrylate
Concen: 9.429 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

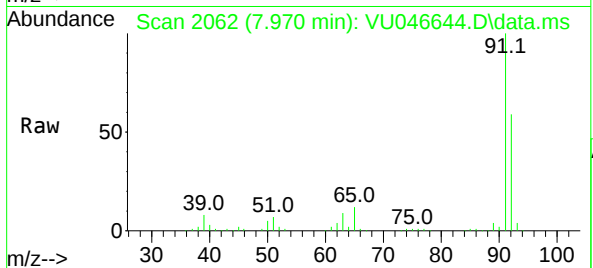
Tgt Ion: 69 Resp: 61827
Ion Ratio Lower Upper
69 100
41 60.8 32.6 98.0





#49
Toluene
Concen: 9.674 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

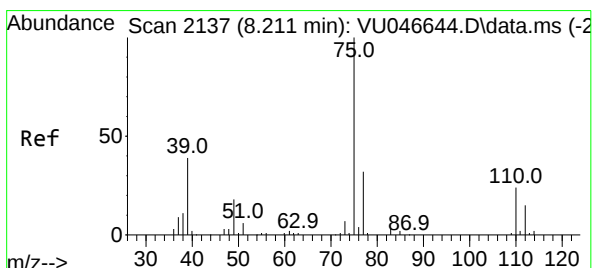
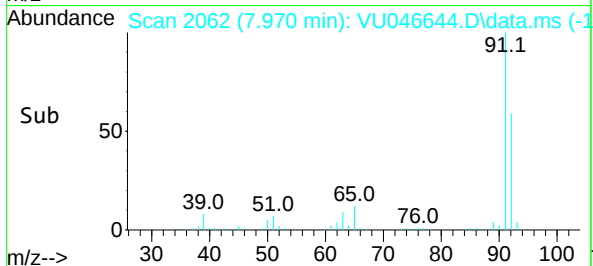
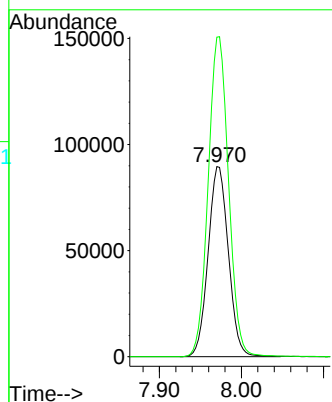
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 92 Resp: 153642
Ion Ratio Lower Upper
92 100
91 169.6 136.8 205.2

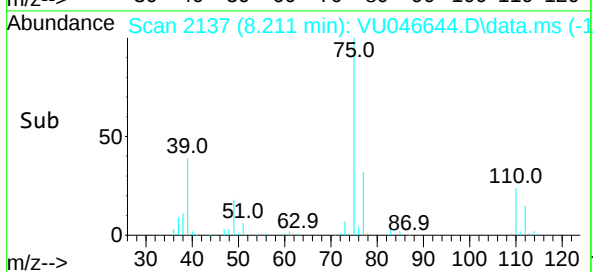
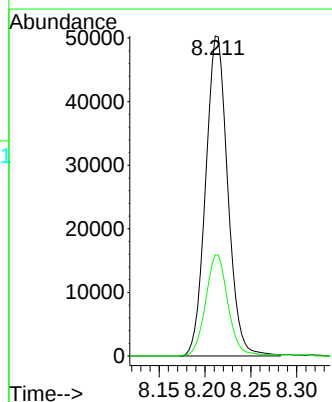
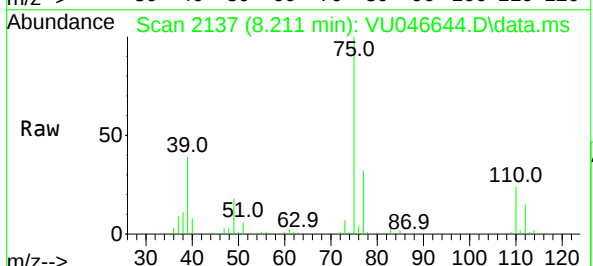
Manual Integrations
APPROVED

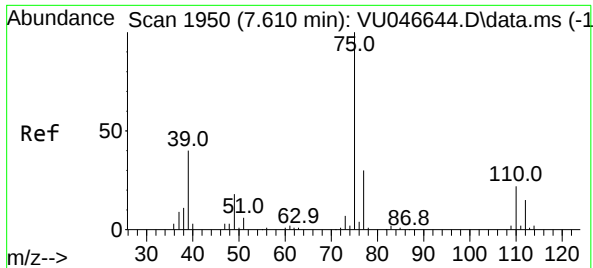
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#50
t-1,3-Dichloropropene
Concen: 10.304 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

Tgt Ion: 75 Resp: 84375
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4





#51

cis-1,3-Dichloropropene

Concen: 9.828 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

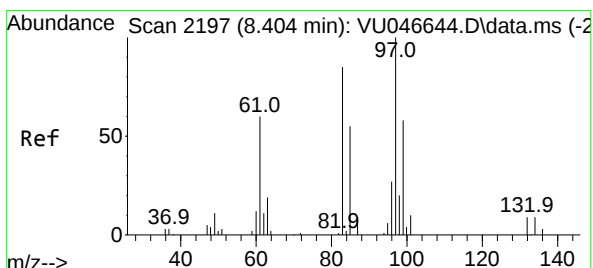
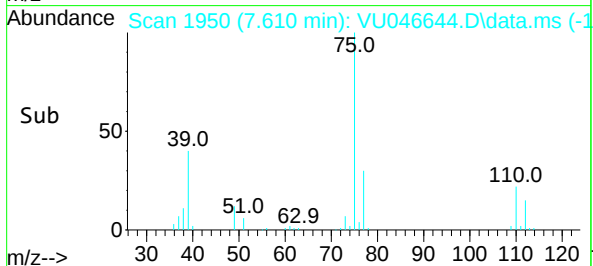
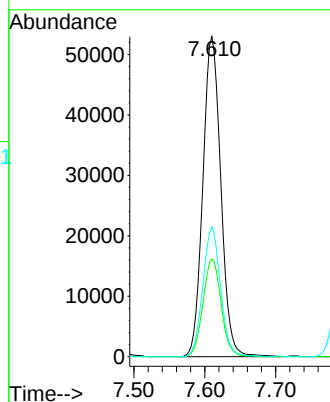
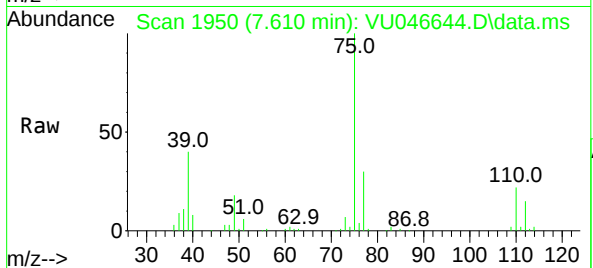
Tgt Ion:	75	Resp:	9318
Ion Ratio	Lower	Upper	
75	100		
77	30.5	25.2	37.8
39	40.5	38.6	57.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#52

1,1,2-Trichloroethane

Concen: 10.475 ug/l

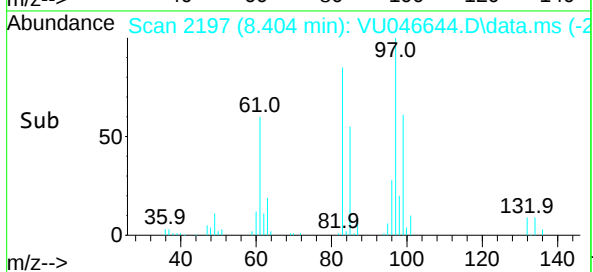
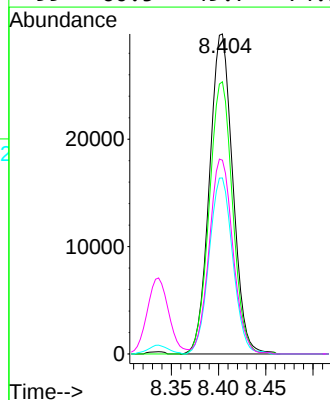
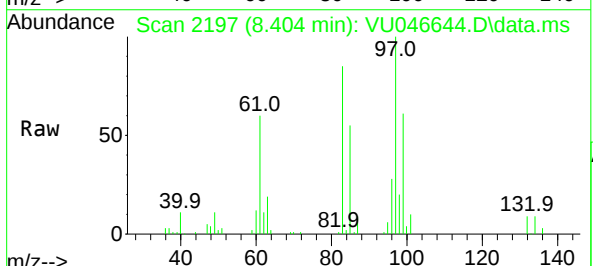
RT: 8.404 min Scan# 2197

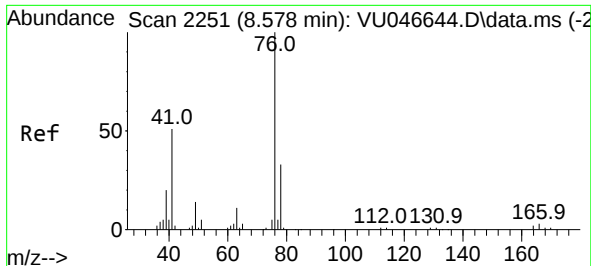
Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Tgt Ion:	97	Resp:	51131
Ion Ratio	Lower	Upper	
97	100		
83	85.1	69.8	104.8
85	55.0	44.2	66.4
99	60.5	49.7	74.5





#53

1,3-Dichloropropane

Concen: 9.907 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion: 76 Resp: 8948

Ion Ratio Lower Upper

76 100

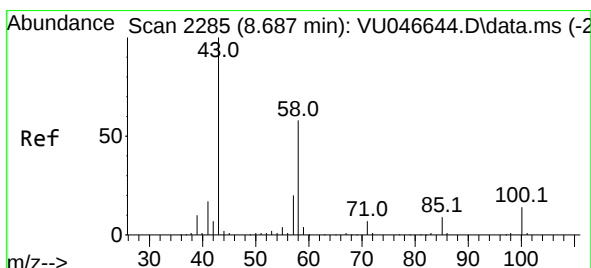
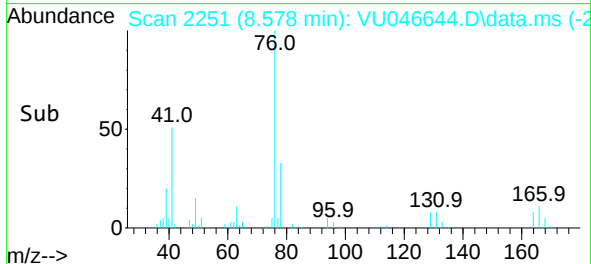
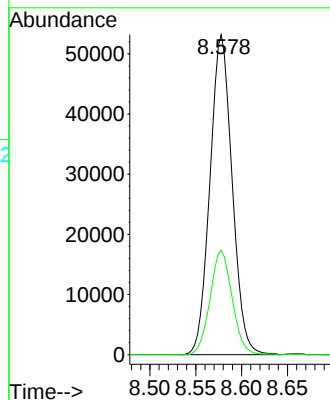
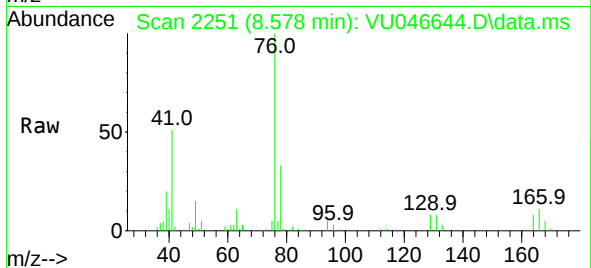
78 32.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#54

2-Hexanone

Concen: 47.310 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

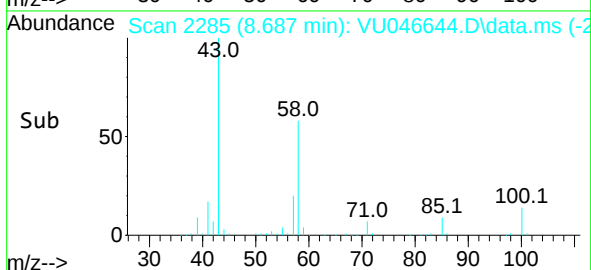
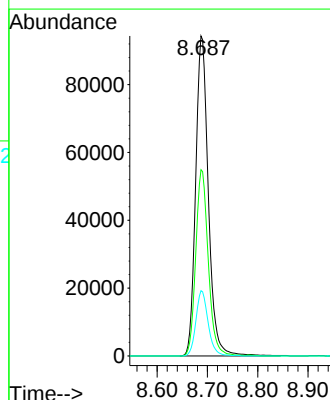
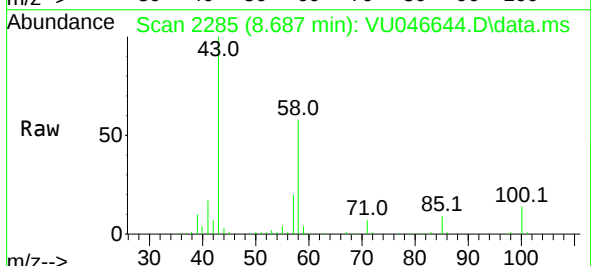
Tgt Ion: 43 Resp: 165224

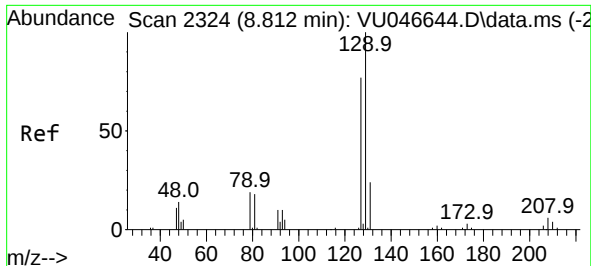
Ion Ratio Lower Upper

43 100

58 57.5 37.7 77.7

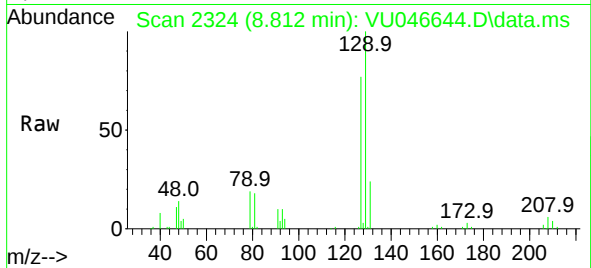
57 19.6 0.5 40.5





#55
Dibromochloromethane
Concen: 12.133 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

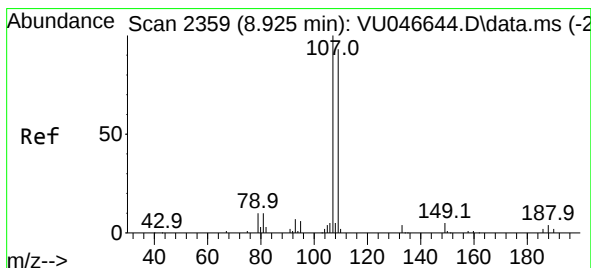
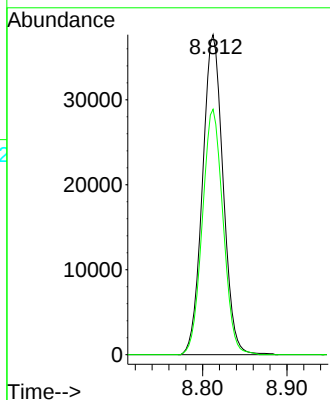
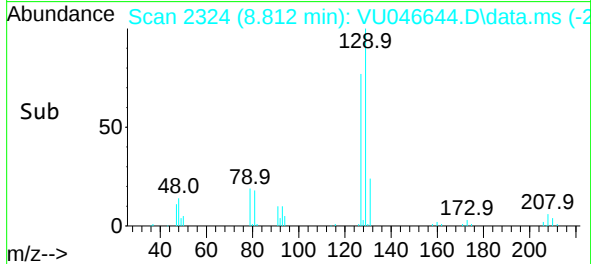
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:129 Resp: 6398
Ion Ratio Lower Upper
129 100
127 77.1 62.2 93.4

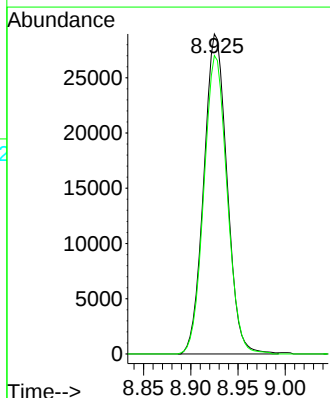
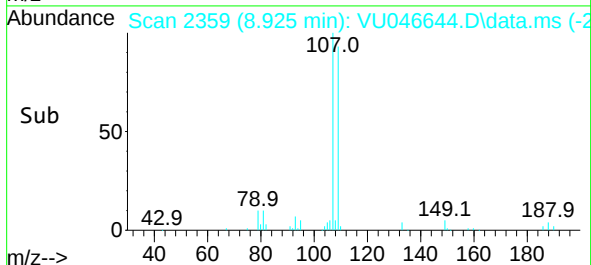
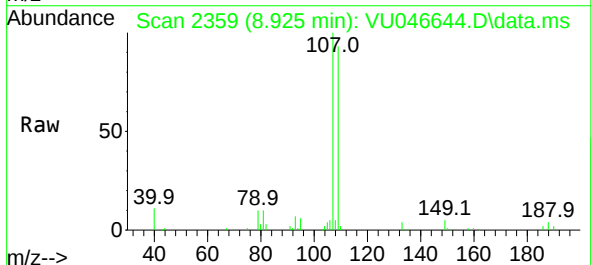
Manual Integrations
APPROVED

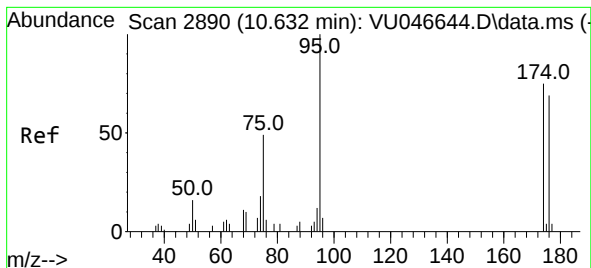
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#56
1,2-Dibromoethane
Concen: 10.747 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

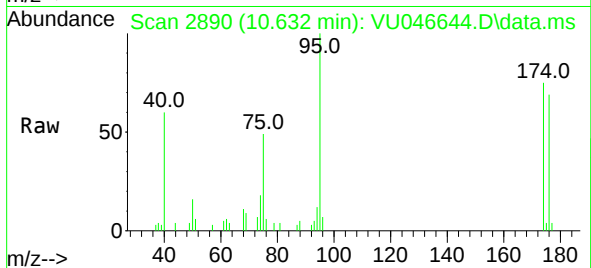
Tgt Ion:107 Resp: 49513
Ion Ratio Lower Upper
107 100
109 93.4 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.977 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

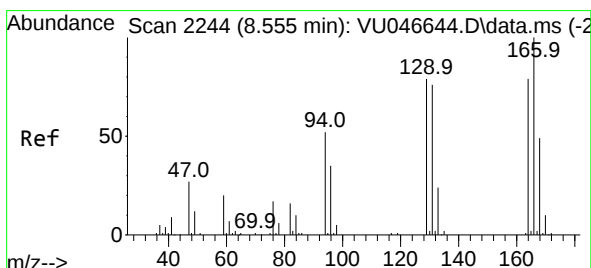
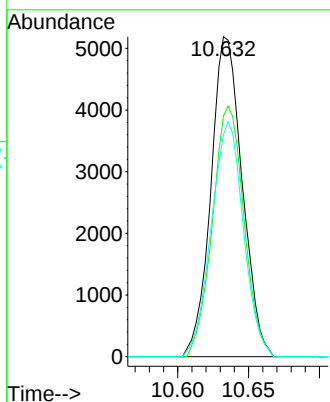
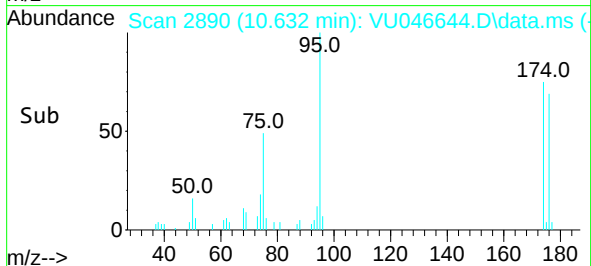
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion: 95 Resp: 7954
Ion Ratio Lower Upper
95 100
174 78.8 56.6 84.8
176 75.3 54.3 81.5

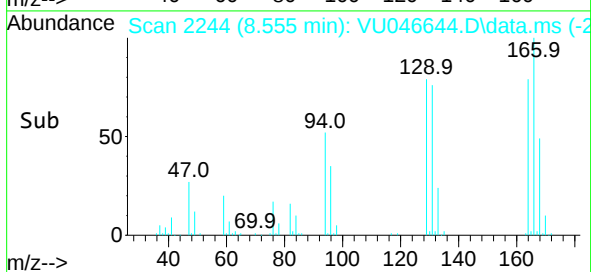
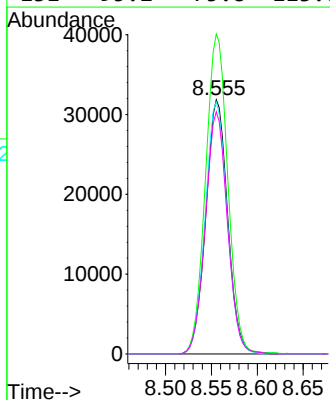
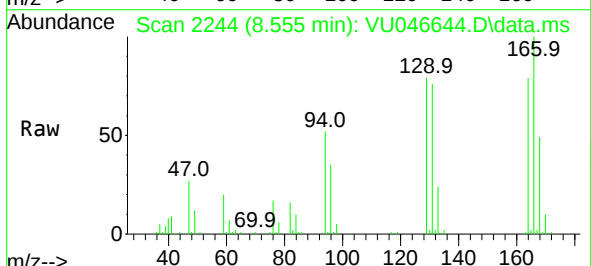
Manual Integrations
APPROVED

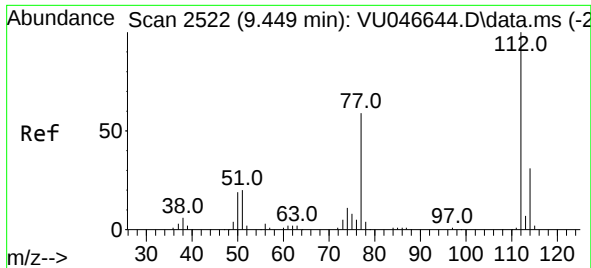
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#58
Tetrachloroethene
Concen: 9.346 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

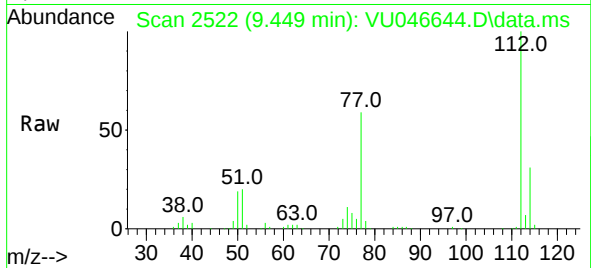
Tgt Ion:164 Resp: 52924
Ion Ratio Lower Upper
164 100
166 125.8 102.0 153.0
129 99.1 77.1 115.7
131 95.2 75.8 113.6





#59
Chlorobenzene
Concen: 9.516 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

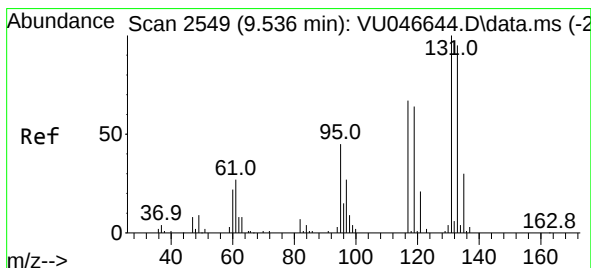
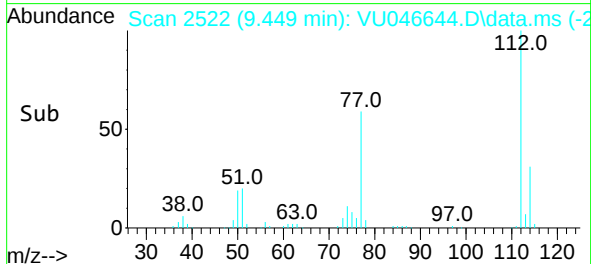
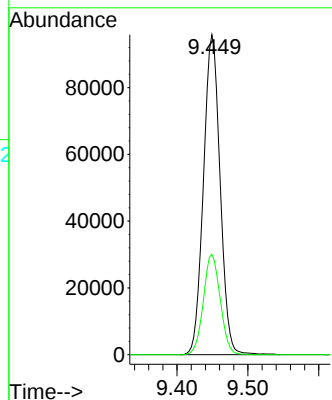
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:112 Resp: 156336
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

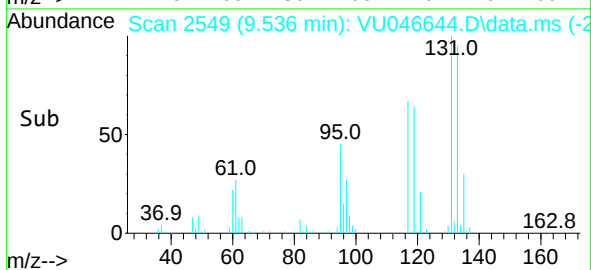
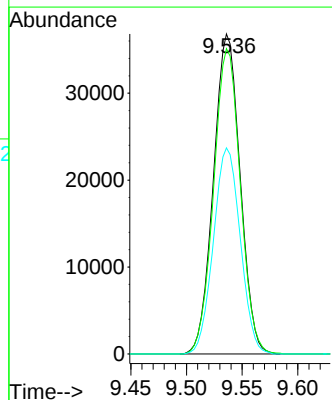
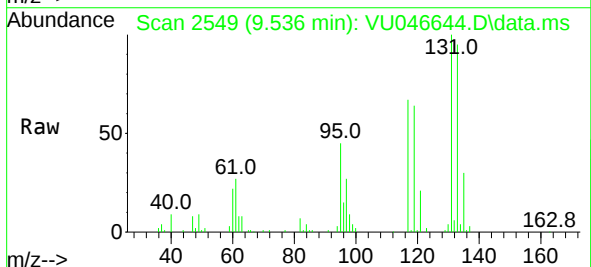
Manual Integrations
APPROVED

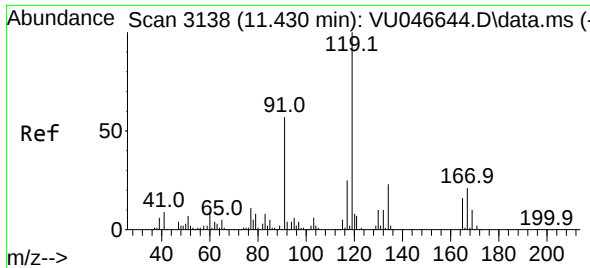
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 10.916 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

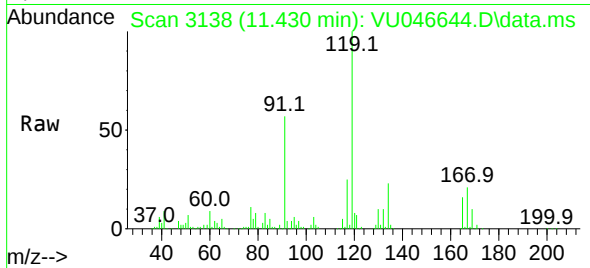
Tgt Ion:131 Resp: 61305
Ion Ratio Lower Upper
131 100
133 95.5 76.0 114.0
119 64.9 54.9 82.3





#61
Pentachloroethane
Concen: 11.987 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

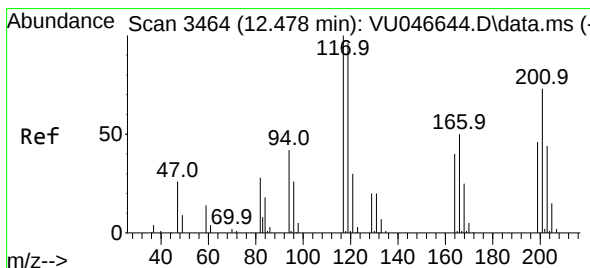
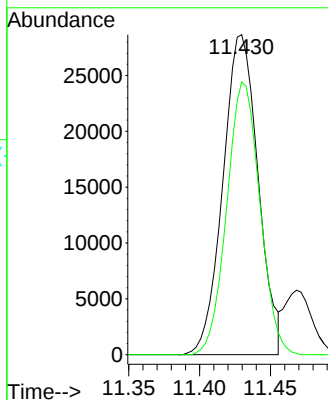
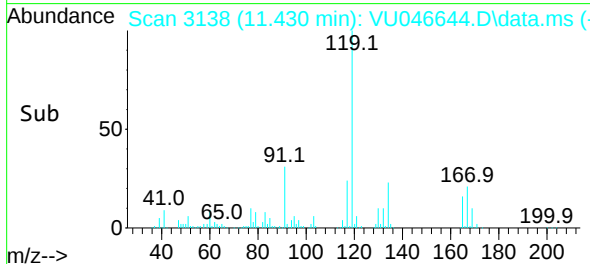
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 4958
Ion Ratio Lower Upper
117 100
167 80.2 59.7 89.5

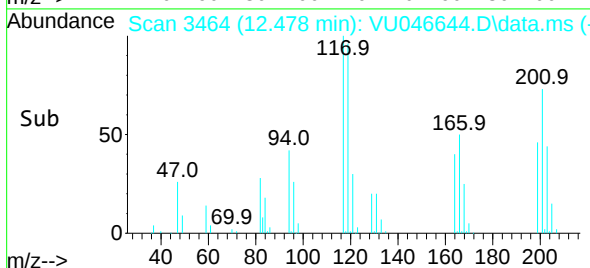
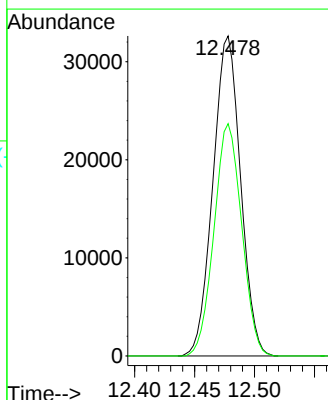
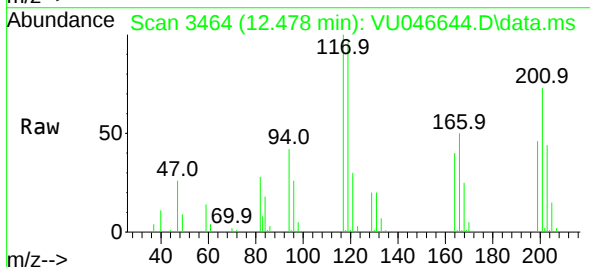
Manual Integrations
APPROVED

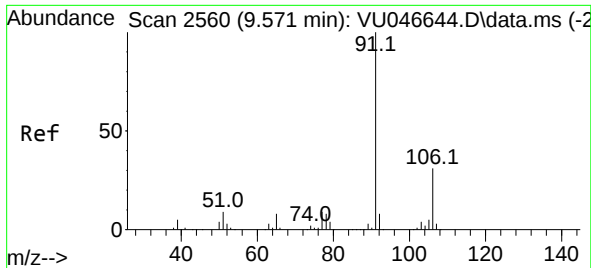
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#62
Hexachloroethane
Concen: 11.999 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

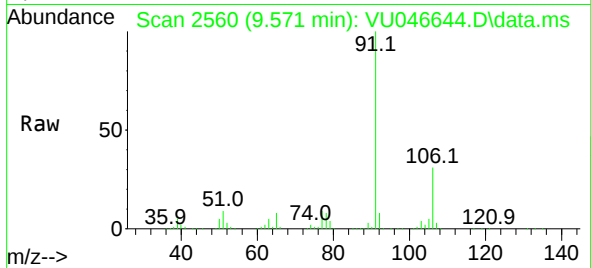
Tgt Ion:117 Resp: 52219
Ion Ratio Lower Upper
117 100
201 72.7 53.6 80.4





#63
Ethyl Benzene
Concen: 9.657 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

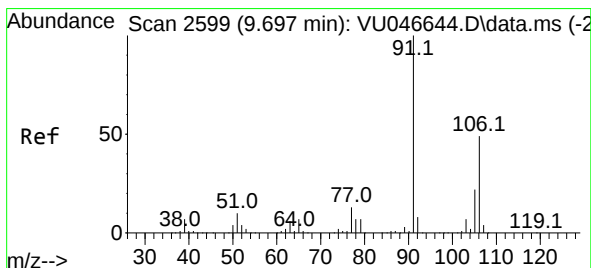
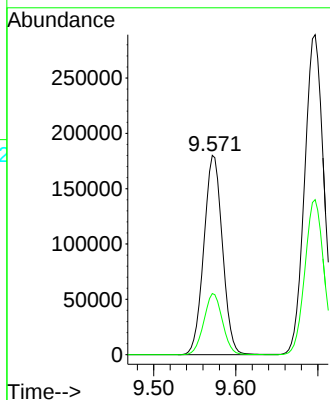
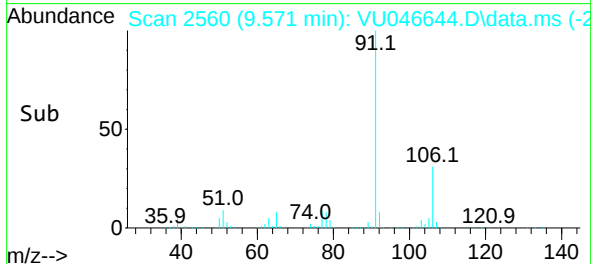
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



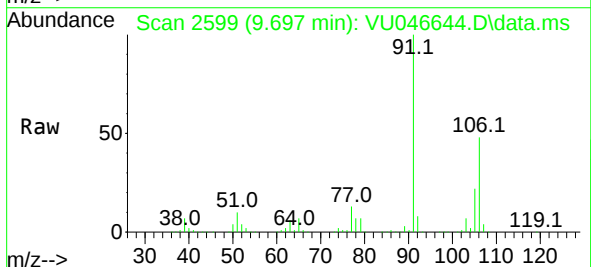
Tgt Ion: 91 Resp: 284015
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6

Manual Integrations
APPROVED

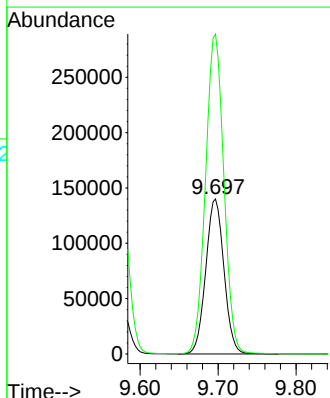
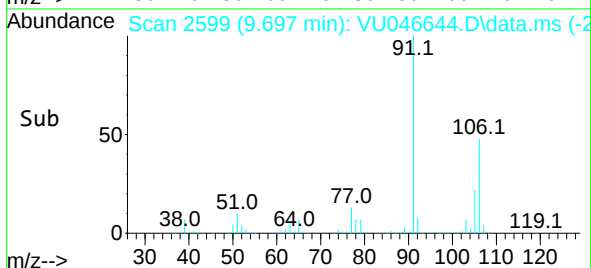
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

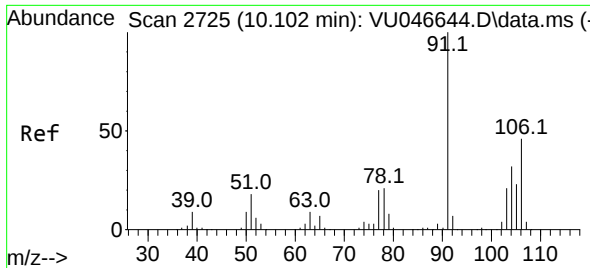


#64
m/p-Xylenes
Concen: 20.205 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34



Tgt Ion:106 Resp: 227237
Ion Ratio Lower Upper
106 100
91 208.1 165.5 248.3





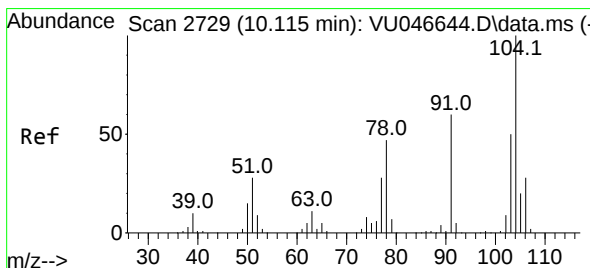
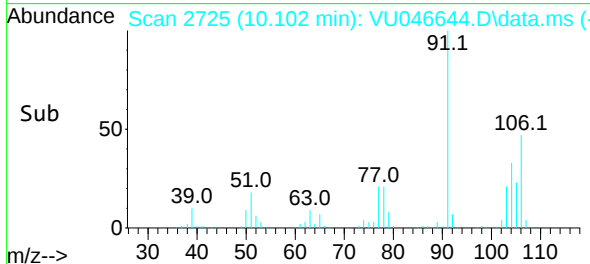
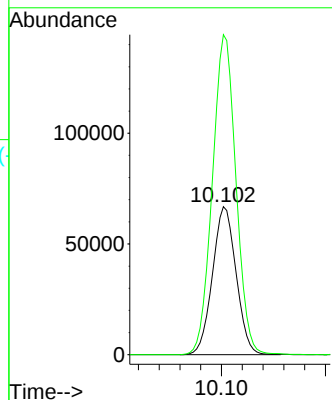
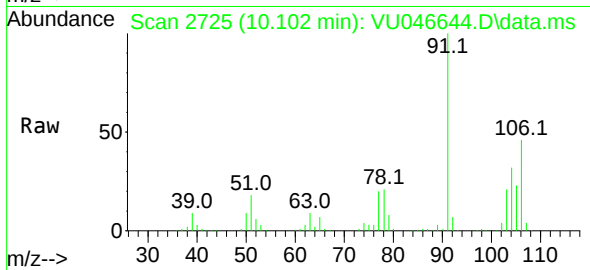
#65
o-Xylene
Concen: 9.655 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:106 Resp: 105498
Ion Ratio Lower Upper
106 100
91 215.9 109.4 328.2

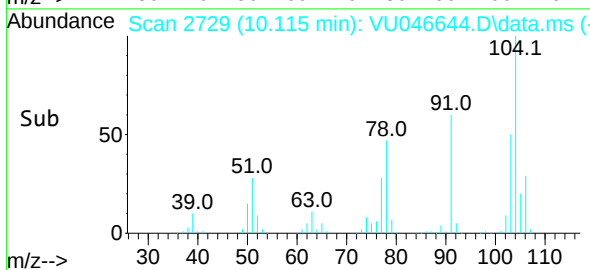
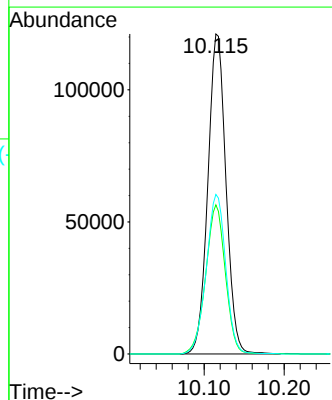
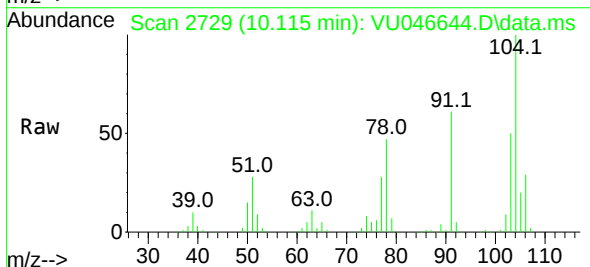
Manual Integrations
APPROVED

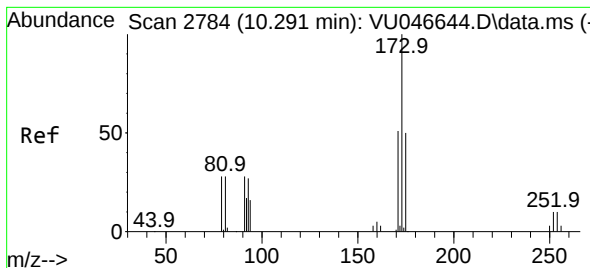
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#66
Styrene
Concen: 10.578 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

Tgt Ion:104 Resp: 191045
Ion Ratio Lower Upper
104 100
78 50.6 42.4 63.6
103 53.9 44.2 66.4





#67

Bromoform

Concen: 13.425 ug/l

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Instrument :

MSVOA_U

ClientSampleId :

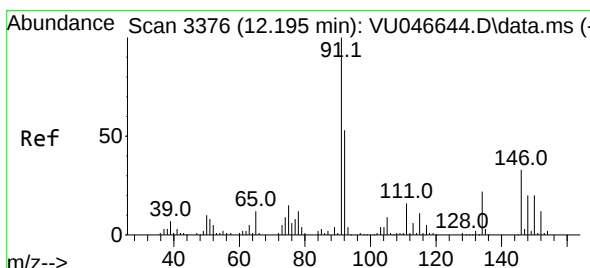
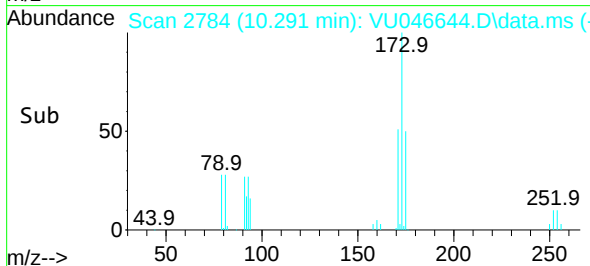
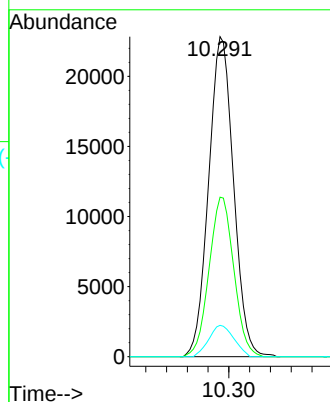
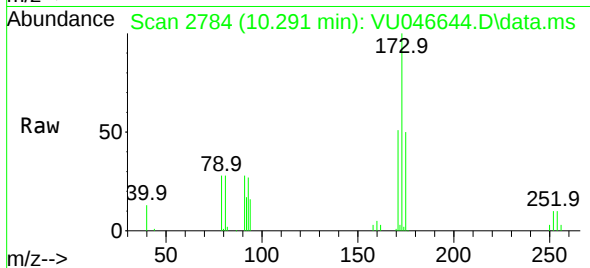
VSTDICCC010

Tgt Ion:	173	Resp:	37979
Ion Ratio	Lower	Upper	
173	100		
175	49.5	39.0	58.4
254	9.8	5.5	8.3

Manual Integrations

APPROVED

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



#68

1,2-Dichlorobenzene-d4

Concen: 1.105 ug/l

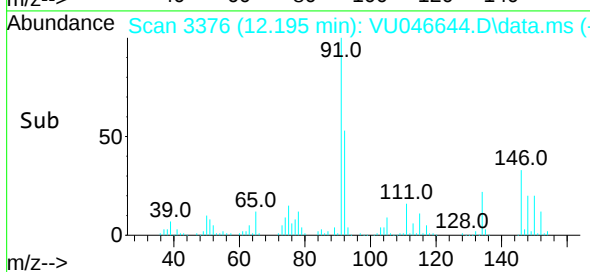
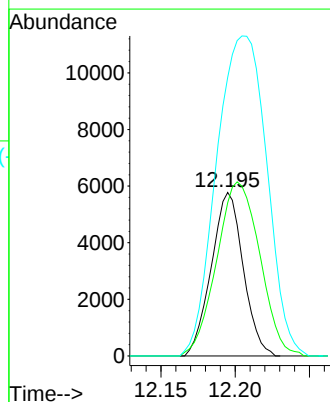
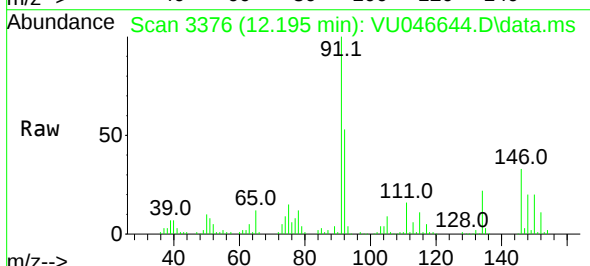
RT: 12.195 min Scan# 3376

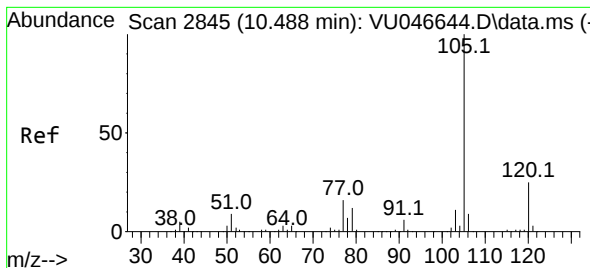
Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Tgt Ion:	152	Resp:	8635
Ion Ratio	Lower	Upper	
152	100		
115	144.1	0.0	251.0
150	308.6	0.0	613.8





#69

Isopropylbenzene

Concen: 9.692 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 27725

Ion Ratio Lower Upper

105 100

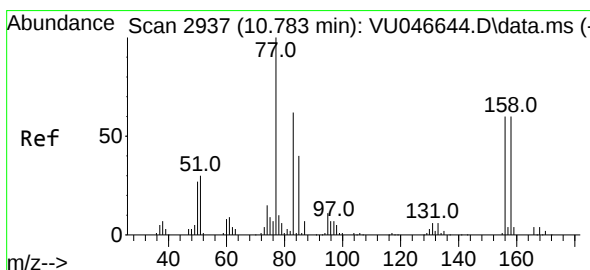
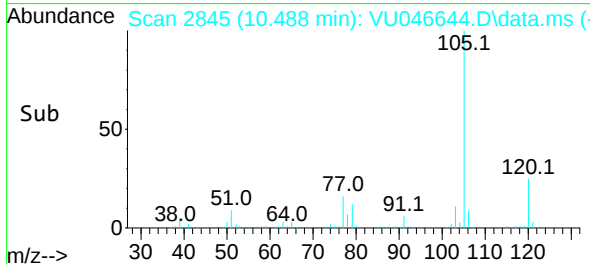
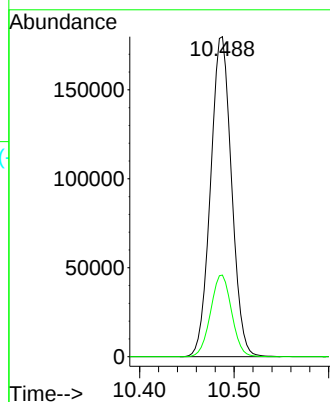
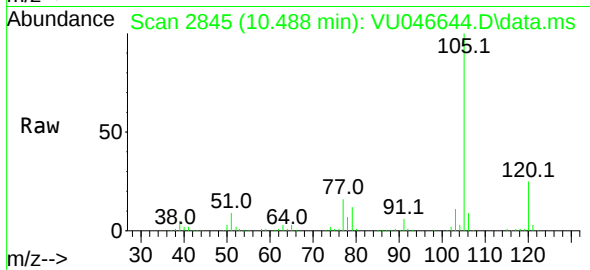
120 25.6 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#70

1,1,2,2-Tetrachloroethane

Concen: 10.861 ug/l

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

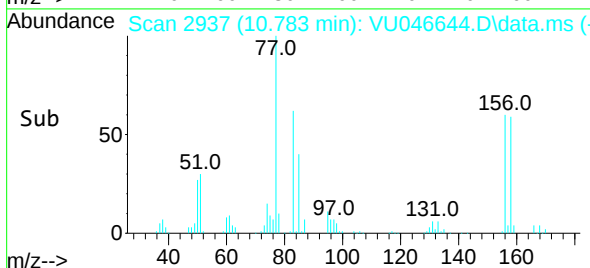
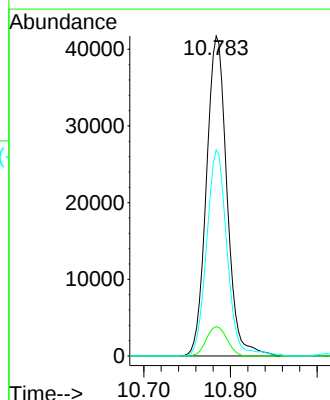
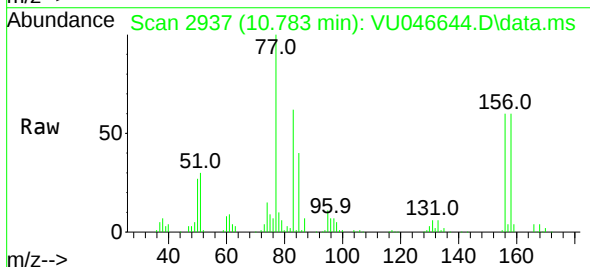
Tgt Ion: 83 Resp: 68680

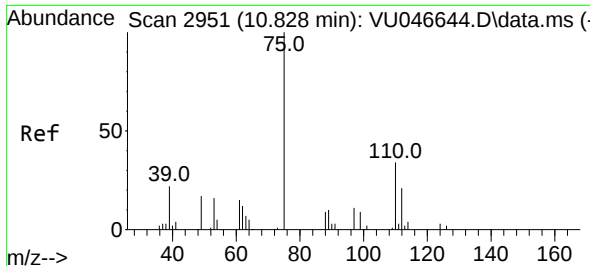
Ion Ratio Lower Upper

83 100

131 9.2 7.6 11.4

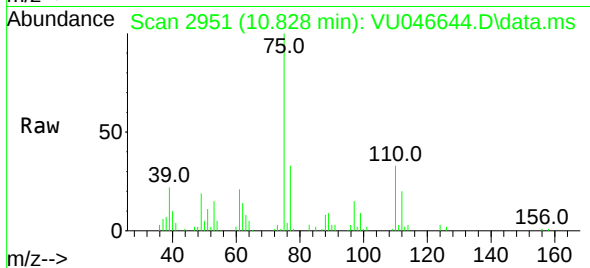
85 64.1 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 8.697 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

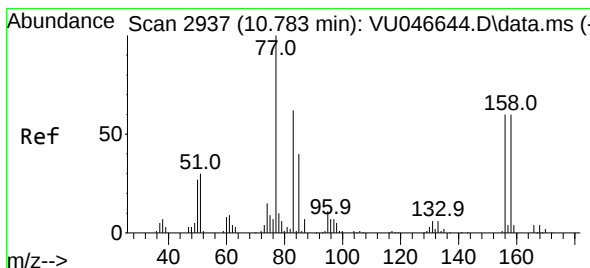
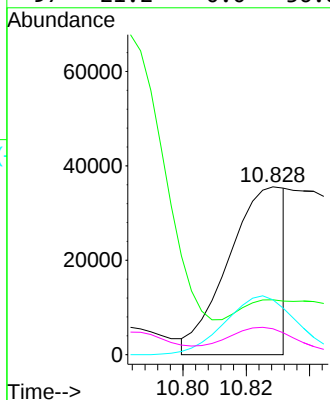
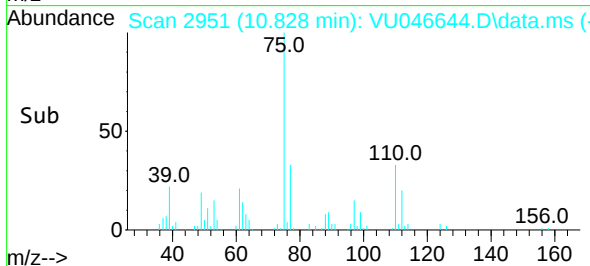
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



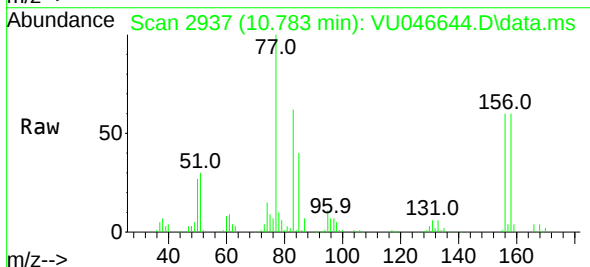
Tgt Ion: 75 Resp: 44162
Ion Ratio Lower Upper
75 100
77 64.2 0.0 105.6
110 44.7 0.0 71.2
97 21.2 0.0 36.8

Manual Integrations
APPROVED

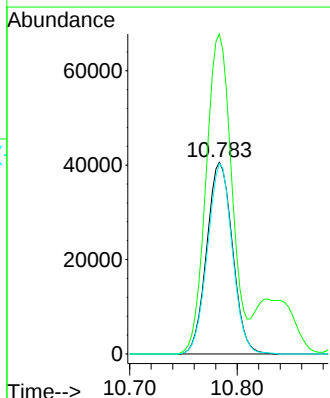
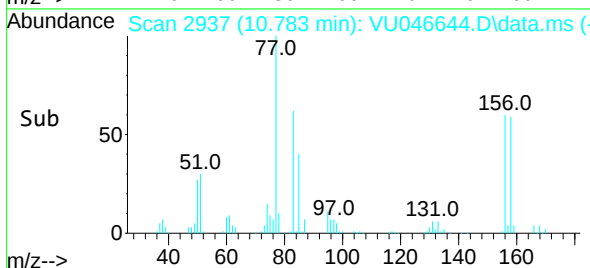
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

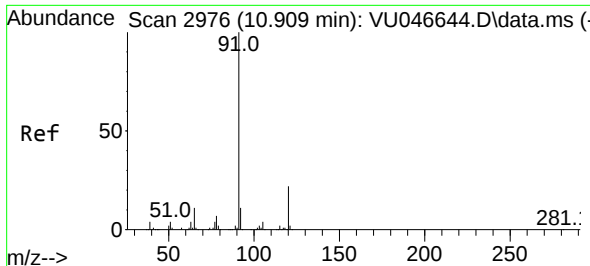


#72
Bromobenzene
Concen: 10.453 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34



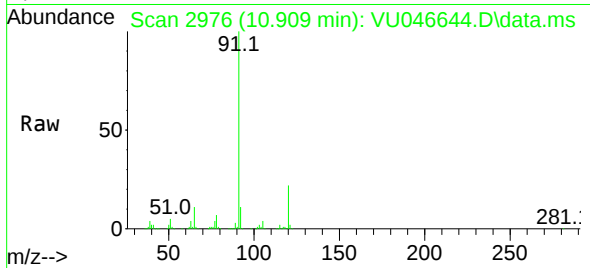
Tgt Ion:156 Resp: 67454
Ion Ratio Lower Upper
156 100
77 165.6 0.0 370.6
158 96.1 0.0 193.4





#73
n-propylbenzene
Concen: 10.361 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

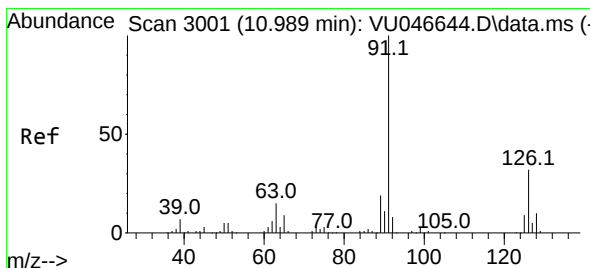
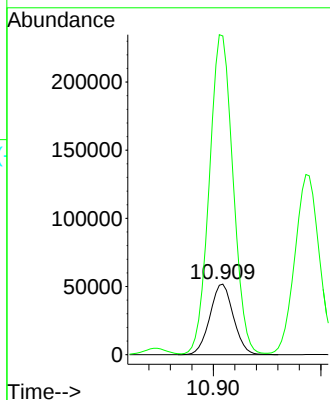
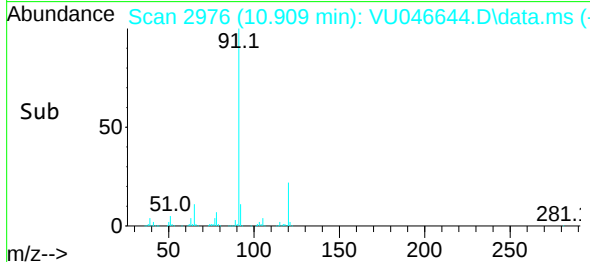
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



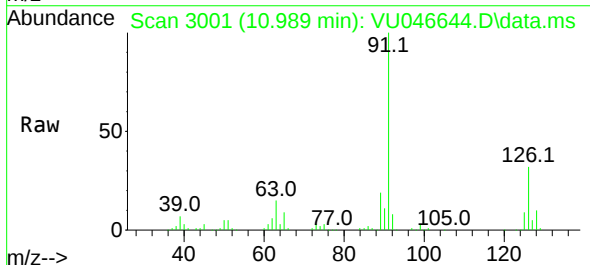
Tgt Ion:120 Resp: 7840
Ion Ratio Lower Upper
120 100
91 458.6 370.7 556.1

Manual Integrations
APPROVED

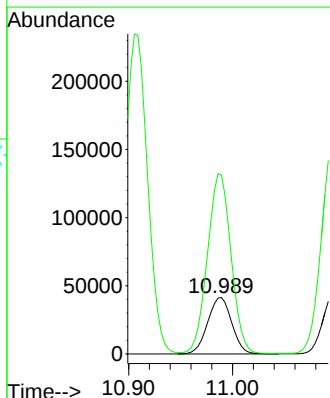
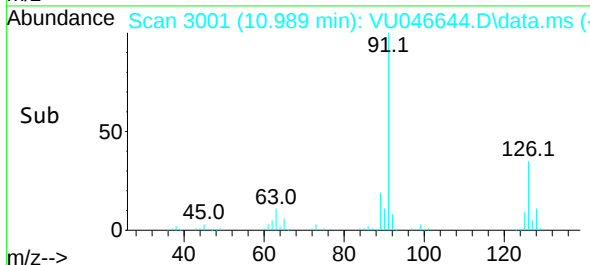
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

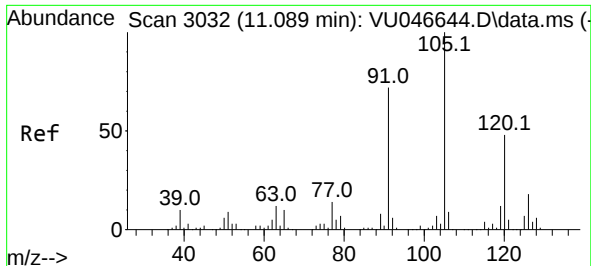


#74
2-Chlorotoluene
Concen: 10.173 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34



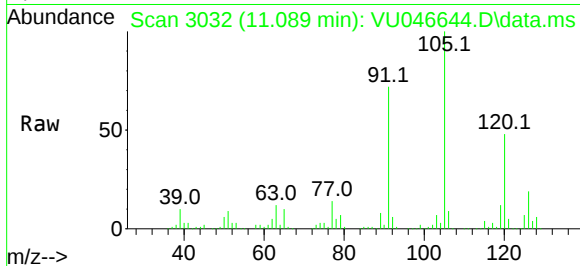
Tgt Ion:126 Resp: 66509
Ion Ratio Lower Upper
126 100
91 312.3 0.0 639.6





#75
1,3,5-Trimethylbenzene
Concen: 10.258 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

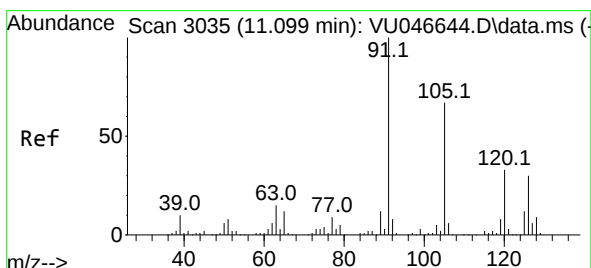
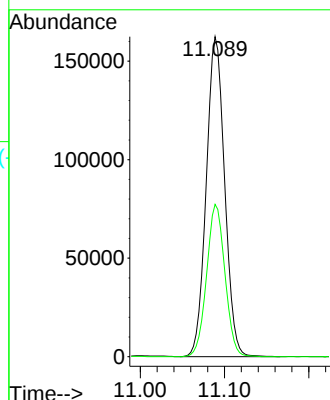
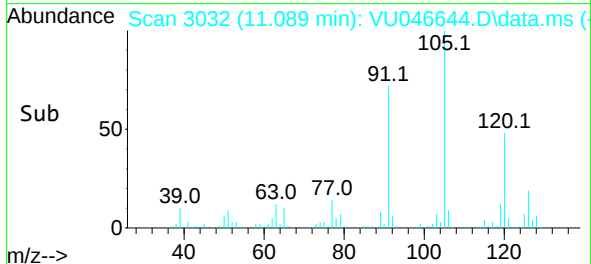
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



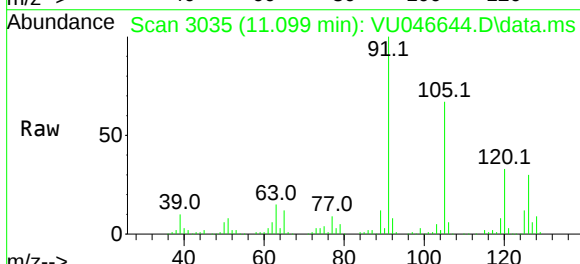
Tgt Ion:105 Resp: 246758
Ion Ratio Lower Upper
105 100
120 47.4 38.6 58.0

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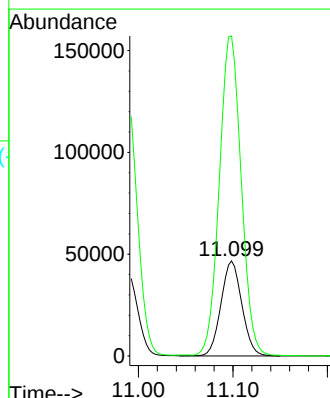
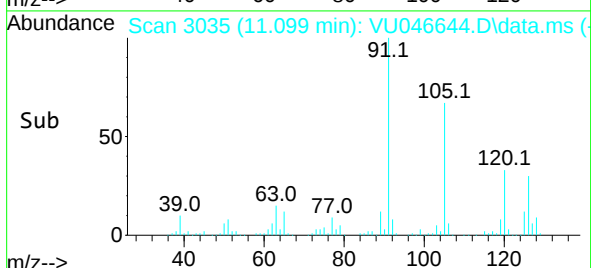
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

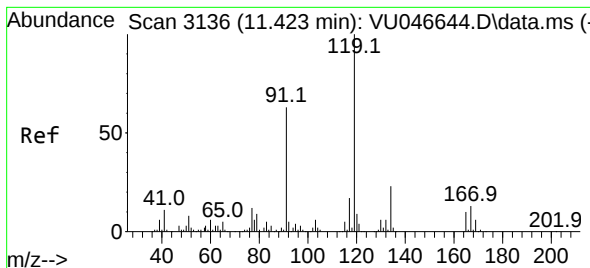


#76
4-Chlorotoluene
Concen: 10.622 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34



Tgt Ion:126 Resp: 71568
Ion Ratio Lower Upper
126 100
91 354.6 0.0 728.0





#77

tert-Butylbenzene

Concen: 10.104 ug/l

RT: 11.423 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tgt Ion:119 Resp: 23623

Ion Ratio Lower Upper

119 100

91 60.6 31.4 94.3

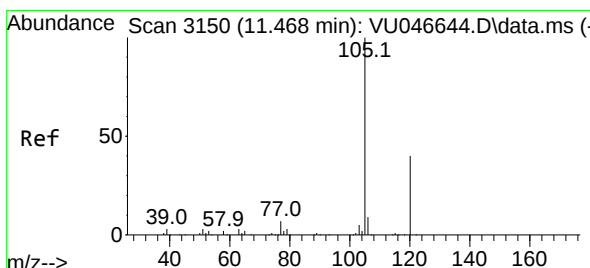
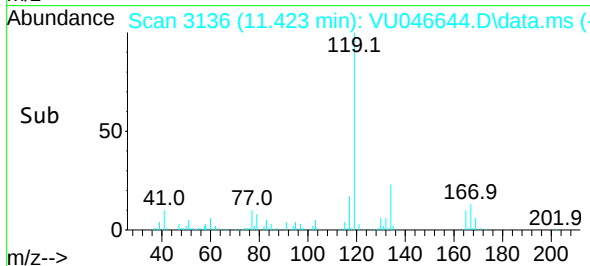
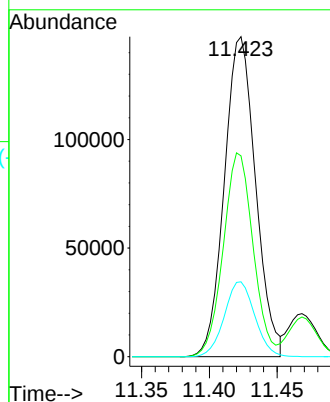
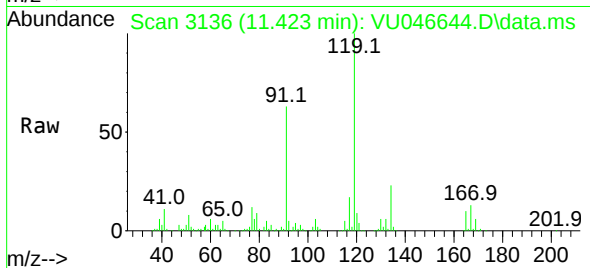
134 22.8 18.5 27.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#78

1,2,4-Trimethylbenzene

Concen: 10.332 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046644.D

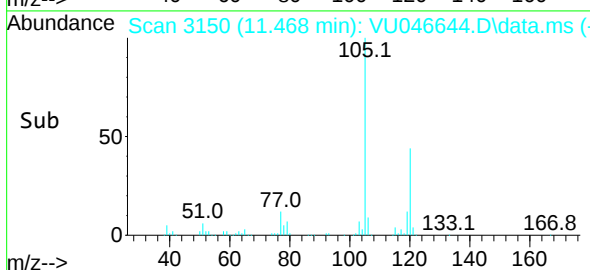
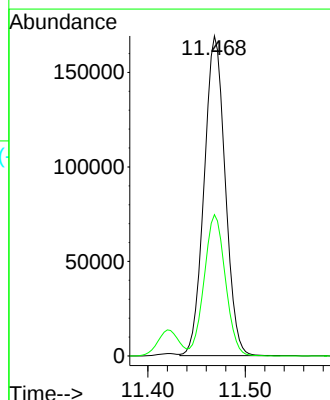
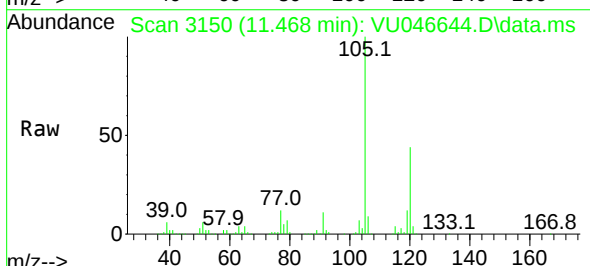
Acq: 30 Dec 2021 10:34

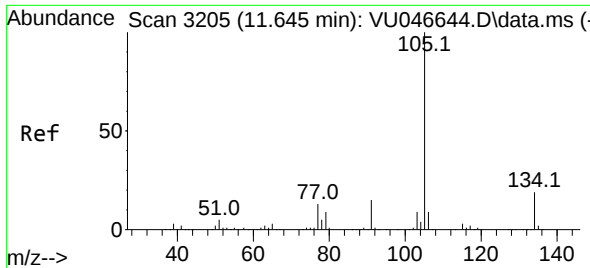
Tgt Ion:105 Resp: 253959

Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.8





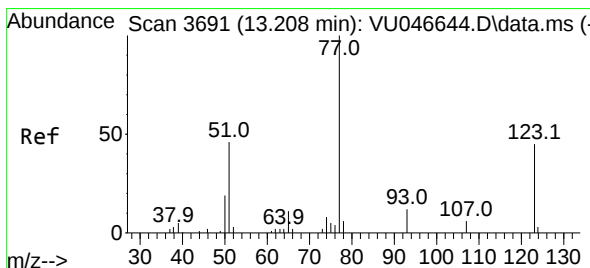
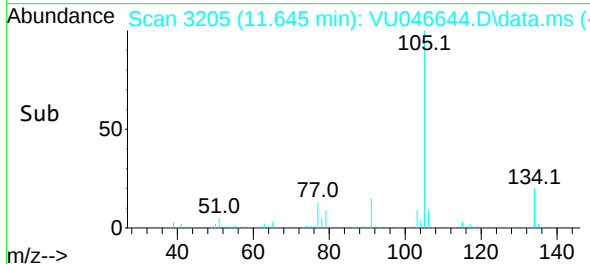
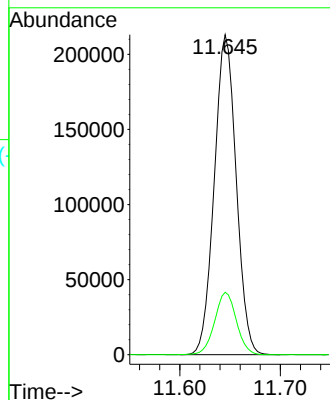
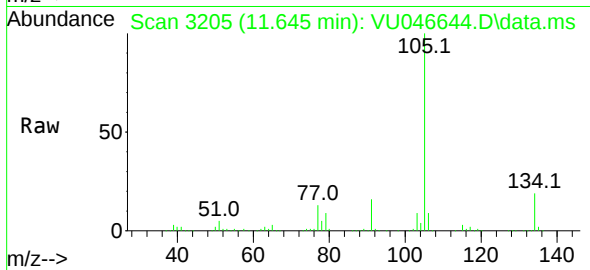
#79
 sec-Butylbenzene
 Concen: 10.020 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU046644.D
 Acq: 30 Dec 2021 10:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:105 Resp: 32248
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.4 23.0

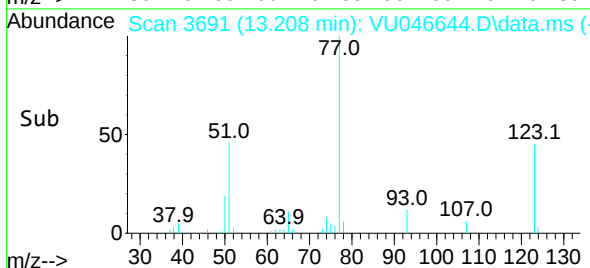
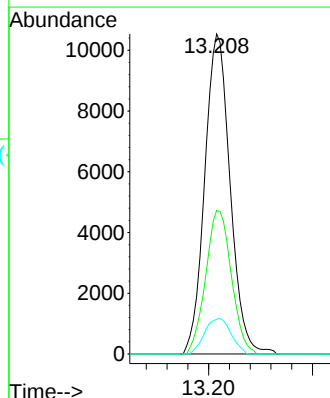
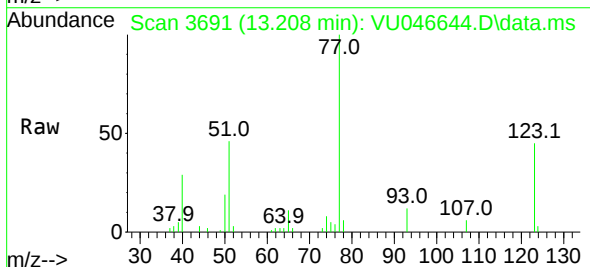
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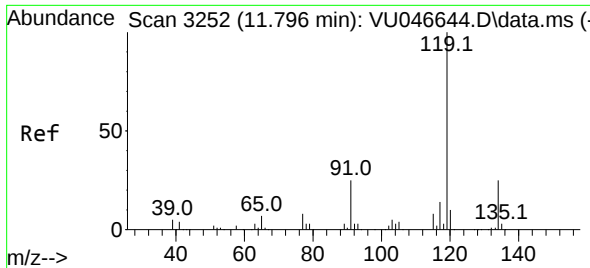
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022



#80
 Nitrobenzene
 Concen: 87.728 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.000 min
 Lab File: VU046644.D
 Acq: 30 Dec 2021 10:34

Tgt Ion: 77 Resp: 17855
 Ion Ratio Lower Upper
 77 100
 123 45.3 18.2 64.4
 65 11.5 12.0 15.2#





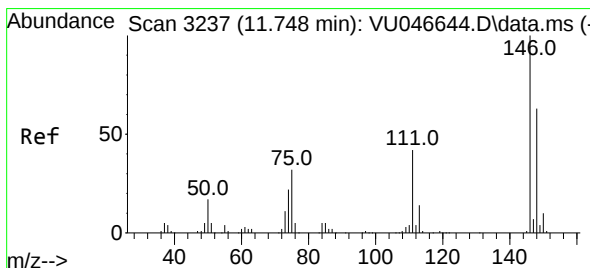
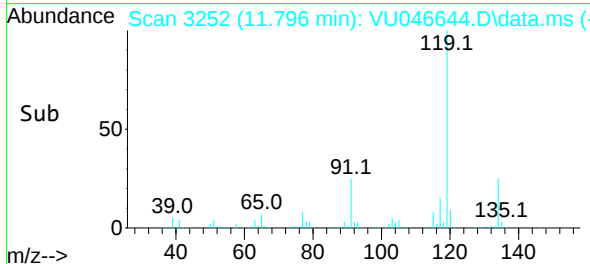
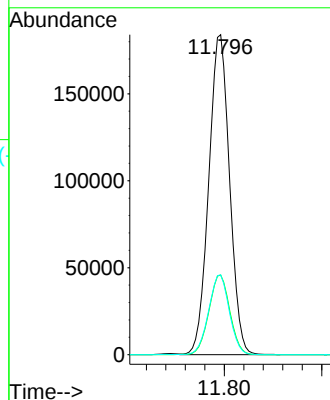
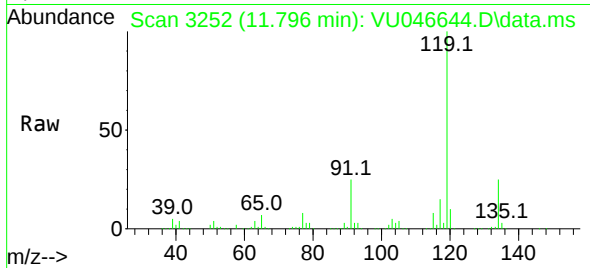
#81
p-Isopropyltoluene
Concen: 10.534 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 273030
Ion Ratio Lower Upper
119 100
134 25.0 20.2 30.4
91 24.9 19.9 29.9

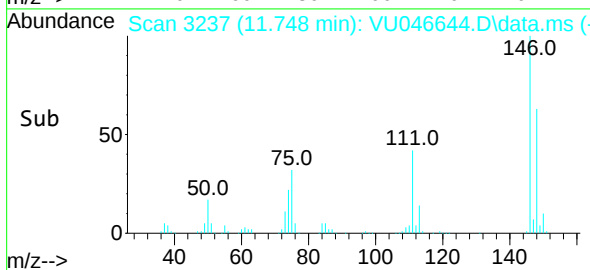
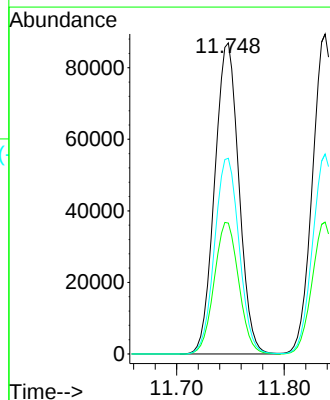
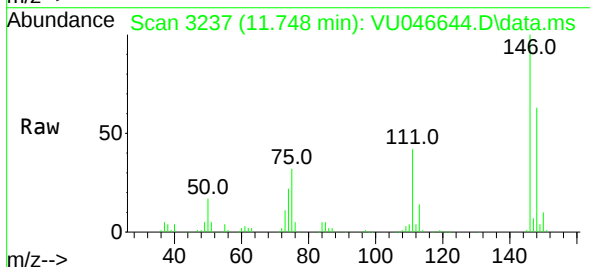
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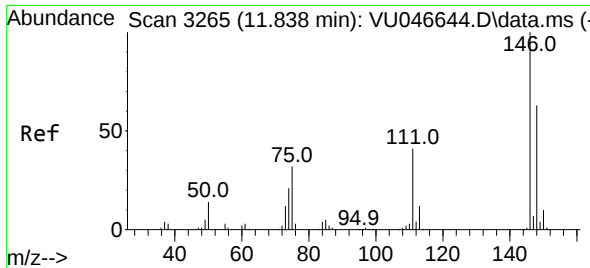
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#82
1,3-Dichlorobenzene
Concen: 10.532 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

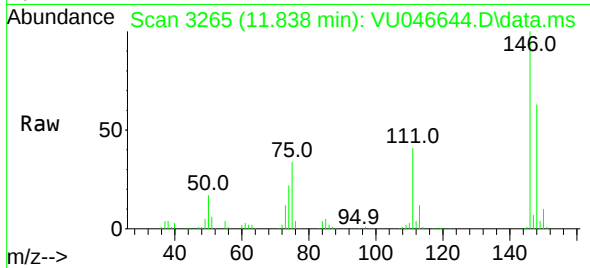
Tgt Ion:146 Resp: 136153
Ion Ratio Lower Upper
146 100
111 42.9 33.9 50.9
148 63.9 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 10.789 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

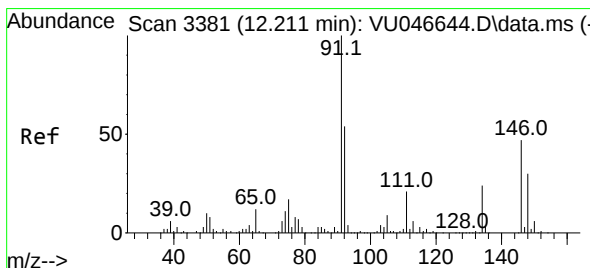
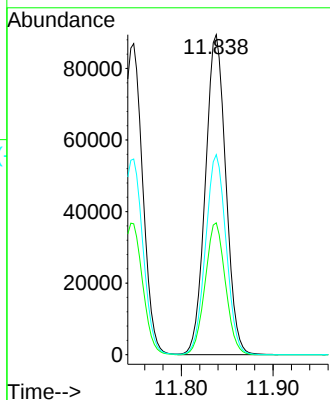
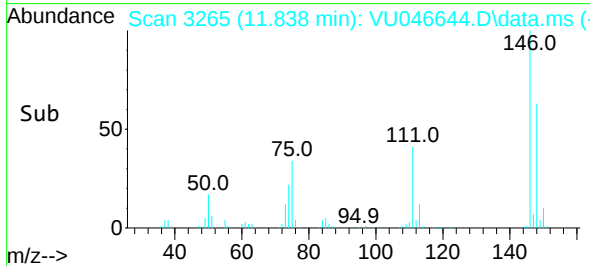
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



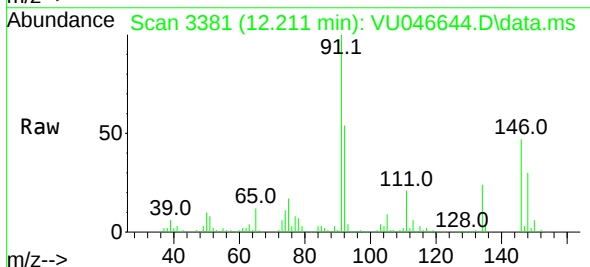
Tgt Ion:146 Resp: 138640
Ion Ratio Lower Upper
146 100
111 41.0 32.7 49.1
148 63.0 51.4 77.0

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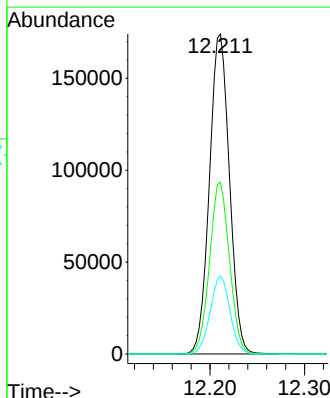
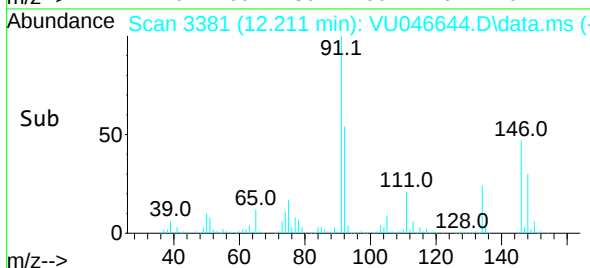
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

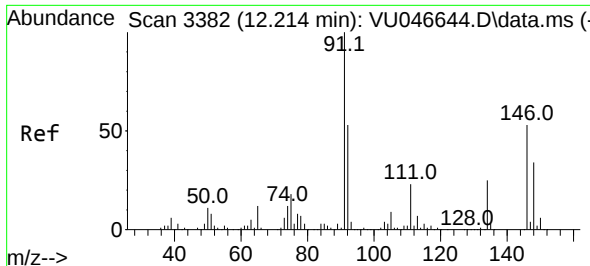


#84
n-Butylbenzene
Concen: 10.438 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34



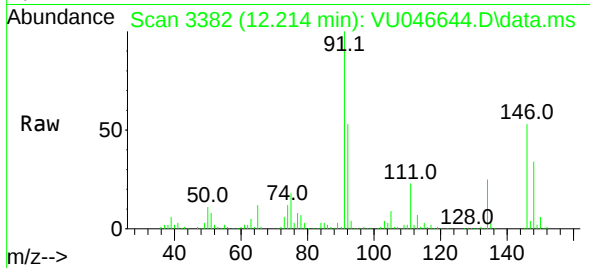
Tgt Ion: 91 Resp: 256057
Ion Ratio Lower Upper
91 100
92 53.3 43.5 65.3
134 24.1 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 10.662 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

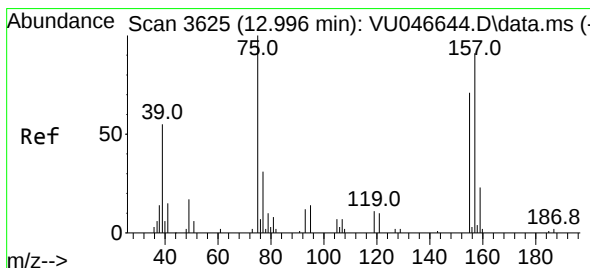
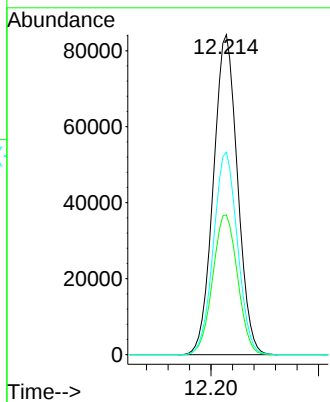
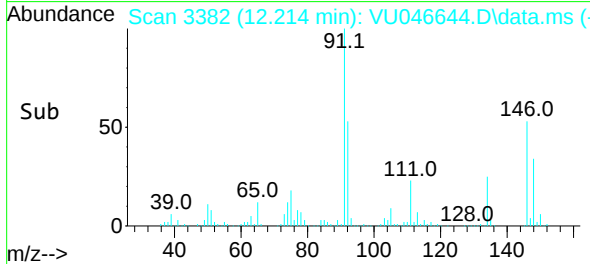
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



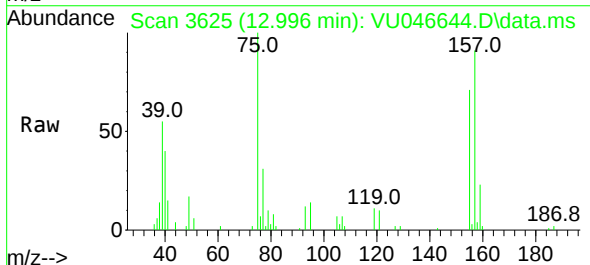
Tgt Ion:146 Resp: 131340
Ion Ratio Lower Upper
146 100
111 45.0 22.1 66.1
148 63.1 31.6 94.7

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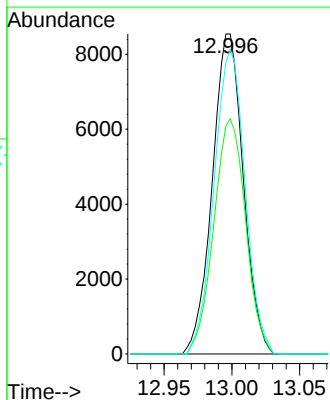
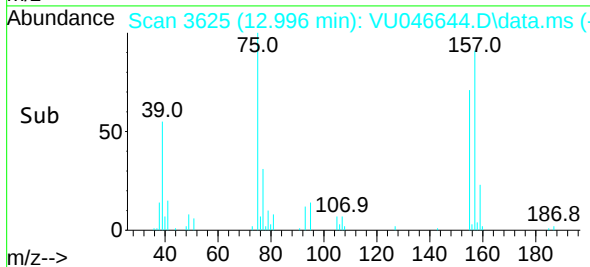
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

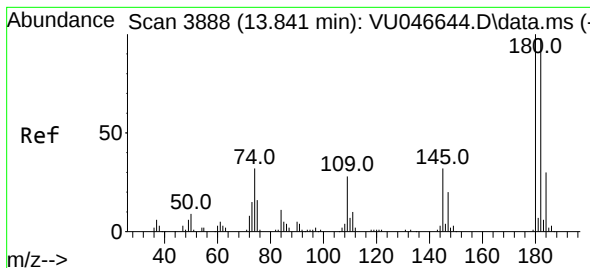


#86
1,2-Dibromo-3-Chloropropane
Concen: 12.600 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34



Tgt Ion: 75 Resp: 13595
Ion Ratio Lower Upper
75 100
155 75.2 57.8 86.8
157 95.2 75.1 112.7





#87

1,2,4-Trichlorobenzene

Concen: 11.303 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

Instrument :

MSVOA_U

ClientSampleId :

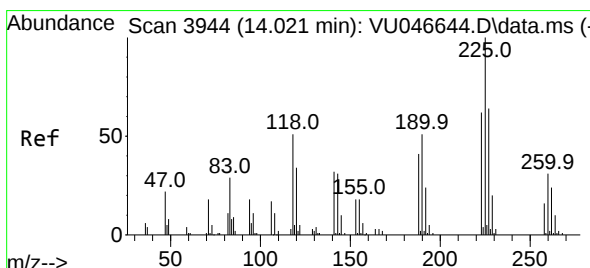
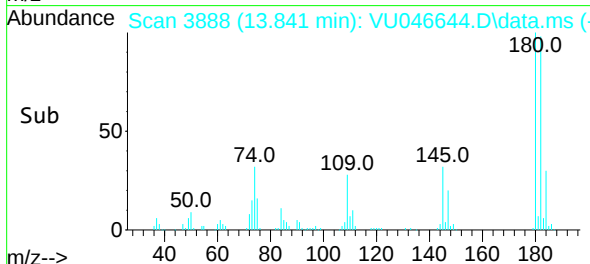
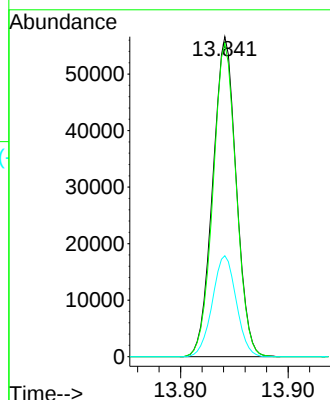
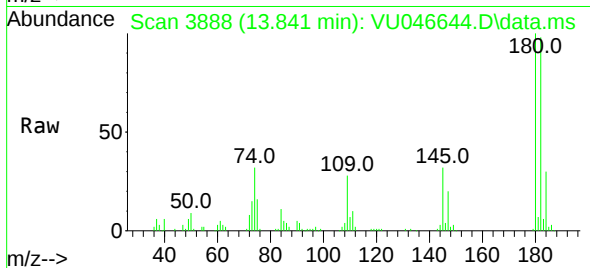
VSTDICCC010

Tgt Ion:180	Resp:	85804
Ion Ratio	Lower	Upper
180	100	
182	96.6	75.8 113.8
145	32.1	25.3 37.9

Manual Integrations

APPROVED

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



#88

Hexachlorobutadiene

Concen: 12.740 ug/l

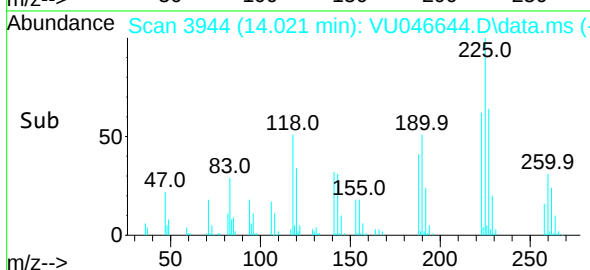
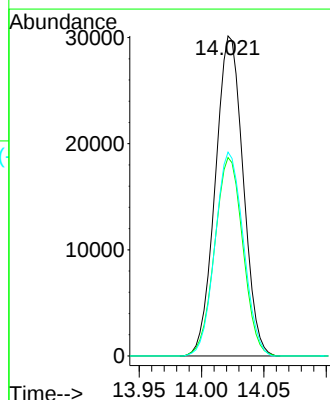
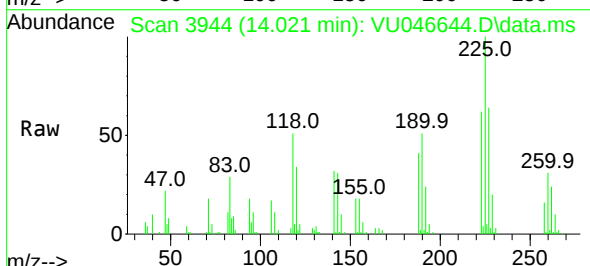
RT: 14.021 min Scan# 3944

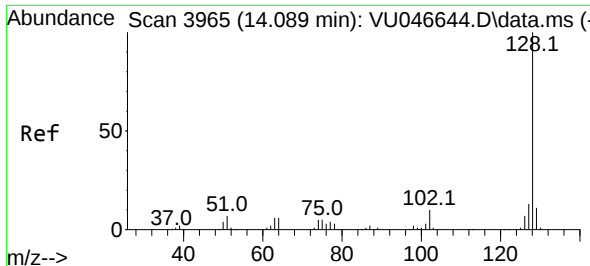
Delta R.T. 0.000 min

Lab File: VU046644.D

Acq: 30 Dec 2021 10:34

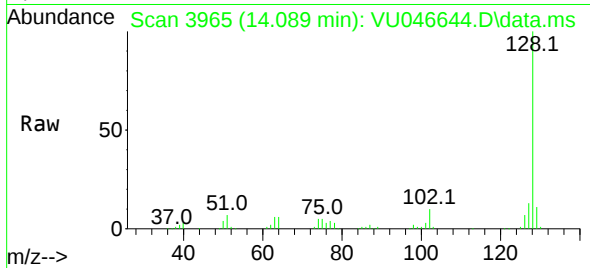
Tgt Ion:225	Resp:	46924
Ion Ratio	Lower	Upper
225	100	
223	62.7	51.1 76.7
227	64.6	49.9 74.9





#89
Naphthalene
Concen: 11.936 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

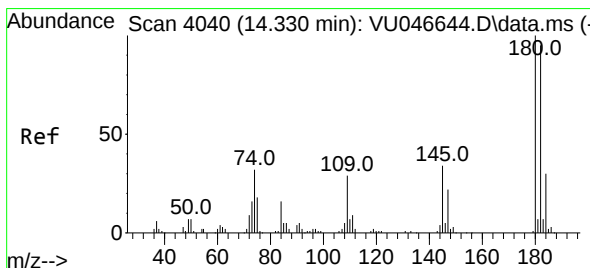
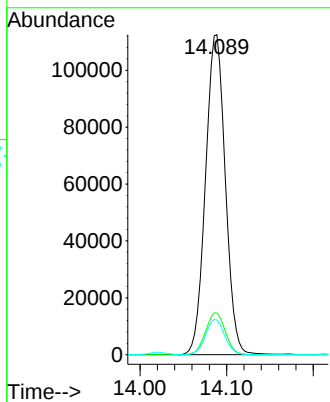
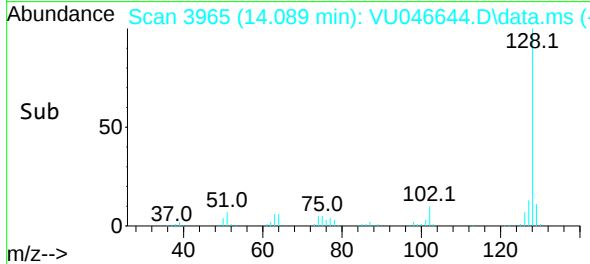
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010



Tgt Ion:128 Resp: 17898
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 12.082 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046644.D
Acq: 30 Dec 2021 10:34

Tgt Ion:180 Resp: 86638
Ion Ratio Lower Upper
180 100
182 95.6 75.4 113.0
145 33.1 27.0 40.4

