

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
 Data File : VU046649.D
 Acq On : 30 Dec 2021 15:23
 Operator : SY/MD
 Sample : VU1230WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1230WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 31 07:25:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Dec 30 12:44:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	20207	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	6803	0.946	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	7708	0.991	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	14537	1.876	ug/l	100
3) Chloromethane	1.523	50	12736	1.860	ug/l	96
4) Vinyl Chloride	1.607	62	13859	1.883	ug/l	99
5) Bromomethane	1.864	94	7439	1.935	ug/l	99
6) Chloroethane	1.938	64	7998	1.831	ug/l	95
7) Trichlorofluoromethane	2.144	101	19645	1.905	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	10934	1.905	ug/l	95
9) 1,1-Dichloroethene	2.588	96	10103	1.875	ug/l	98
10) Iodomethane	2.729	142	9305	2.198	ug/l	# 85
11) Allyl Chloride	2.928	41	13208	1.943	ug/l	91
12) Acrylonitrile	3.340	53	4849	3.371	ug/l	89
13) Acetone	2.665	43	10901	8.421	ug/l	98
14) Carbon Disulfide	2.800	76	32117	1.865	ug/l	97
15) Methylene Chloride	3.054	84	13029	2.027	ug/l	95
16) trans-1,2-Dichloroethene	3.359	96	10524	1.869	ug/l	98
17) 1,1-Dichloroethane	3.874	63	20711	1.972	ug/l	99
18) 2-Butanone	4.729	43	16865	8.719	ug/l	99
19) Cyclohexane	5.391	56	12482	1.815	ug/l	86
20) Methylcyclohexane	6.767	83	13998	1.723	ug/l	97
21) 2,2-Dichloropropane	4.671	77	16797	1.876	ug/l	98
22) cis-1,2-Dichloroethene	4.674	96	11263	1.869	ug/l	98
23) Diethyl Ether	2.382	59	7501	1.864	ug/l	94
24) tert-Butyl Alcohol	3.424	59	159	3.055	ug/l	# 1
25) Methyl tert-Butyl Ether	3.369	73	23859	1.832	ug/l	100
26) Bromochloromethane	4.983	128	5772	1.936	ug/l	94
27) Chloroform	5.095	83	22205	1.906	ug/l	95
28) 1,1,1-Trichloroethane	5.321	97	19219	1.912	ug/l	97
29) 1,1-Dichloropropene	5.530	75	14203	1.795	ug/l	98
30) Carbon Tetrachloride	5.526	117	17115	1.866	ug/l	96
31) Isopropyl Ether	3.999	45	23929	1.830	ug/l	93
32) Ethyl-t-butyl ether	4.507	59	23253	1.799	ug/l	94
33) Tert-Amyl methyl ether	5.941	73	21952	1.763	ug/l	98
34) Propionitrile	4.816	54	2501	4.363	ug/l	# 75
35) Benzene	5.780	78	42693	1.888	ug/l	99
36) 1,2-Dichloroethane	5.800	62	14496	1.870	ug/l	100
37) Trichloroethene	6.542	130	11299	1.956	ug/l	94
38) 1,2-Dichloropropane	6.796	63	11213	1.874	ug/l	95
39) Methacrylonitrile	4.983	41	3362	1.751	ug/l	97
40) Methyl acrylate	4.854	55	5196	1.544	ug/l	# 93
41) Tetrahydrofuran	5.076	42	3803	3.902	ug/l	94
42) 1-Chlorobutane	5.462	56	19620	1.888	ug/l	98
43) Dibromomethane	6.925	93	6728	1.899	ug/l	98
44) Bromodichloromethane	7.108	83	17210	1.952	ug/l	97

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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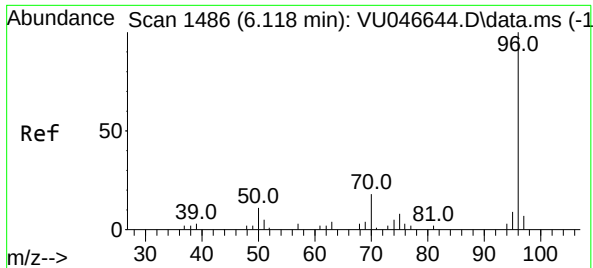
Manual Integrations
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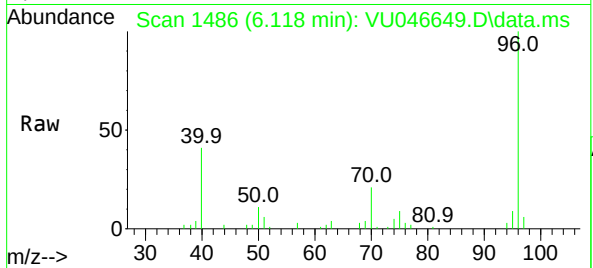
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	32608	8.607	ug/l	97
46) t-1,4-Dichloro-2-butene	10.832	75	7795m	3.818	ug/l	
47) Methyl methacrylate	6.964	69	10257	3.560	ug/l	94
48) Ethyl methacrylate	8.336	69	8790	1.711	ug/l	92
49) Toluene	7.973	92	23940	1.810	ug/l	96
50) t-1,3-Dichloropropene	8.214	75	14091	1.855	ug/l	92
51) cis-1,3-Dichloropropene	7.613	75	15091	1.805	ug/l	91
52) 1,1,2-Trichloroethane	8.404	97	9218	1.871	ug/l	99
53) 1,3-Dichloropropane	8.578	76	15514	1.844	ug/l	98
54) 2-Hexanone	8.690	43	23828	8.607	ug/l	95
55) Dibromochloromethane	8.812	129	11736	1.905	ug/l	98
56) 1,2-Dibromoethane	8.928	107	8448	1.801	ug/l	98
58) Tetrachloroethene	8.555	164	9915	1.942	ug/l	96
59) Chlorobenzene	9.449	112	26488	1.855	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	11345	1.892	ug/l	99
61) Pentachloroethane	11.430	117	9052	1.811	ug/l	98
62) Hexachloroethane	12.478	117	9274	1.850	ug/l	94
63) Ethyl Benzene	9.571	91	39494	1.686	ug/l	96
64) m/p-Xylenes	9.697	106	32475	3.491	ug/l	99
65) o-Xylene	10.102	106	15549	1.767	ug/l	98
66) Styrene	10.118	104	26516	1.725	ug/l	99
67) Bromoform	10.295	173	6902	1.868	ug/l	95
69) Isopropylbenzene	10.488	105	40543	1.749	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	12295	1.864	ug/l	100
71) 1,2,3-Trichloropropane	10.825	75	6478m	1.537	ug/l	
72) Bromobenzene	10.783	156	11482	1.864	ug/l	93
73) n-propylbenzene	10.909	120	11230	1.698	ug/l	98
74) 2-Chlorotoluene	10.989	126	10606	1.855	ug/l	94
75) 1,3,5-Trimethylbenzene	11.092	105	35102	1.865	ug/l	99
76) 4-Chlorotoluene	11.098	126	11595	1.909	ug/l	92
77) tert-Butylbenzene	11.423	119	35140	1.784	ug/l	96
78) 1,2,4-Trimethylbenzene	11.468	105	35703	1.855	ug/l	99
79) sec-Butylbenzene	11.645	105	48527	1.818	ug/l	99
80) Nitrobenzene	13.214	77	2574	11.059	ug/l #	93
81) p-Isopropyltoluene	11.796	119	37966	1.857	ug/l	98
82) 1,3-Dichlorobenzene	11.748	146	23629	1.870	ug/l	100
83) 1,4-Dichlorobenzene	11.838	146	24566	1.946	ug/l	96
84) n-Butylbenzene	12.211	91	36303	1.727	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	22245	1.837	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	2246	1.849	ug/l	95
87) 1,2,4-Trichlorobenzene	13.841	180	12987	1.769	ug/l	97
88) Hexachlorobutadiene	14.024	225	8532	1.886	ug/l	98
89) Naphthalene	14.089	128	21463	1.852	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	12624	1.764	ug/l	97

(#) = 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: VU046649.D
Acq: 30 Dec 2021 15:23

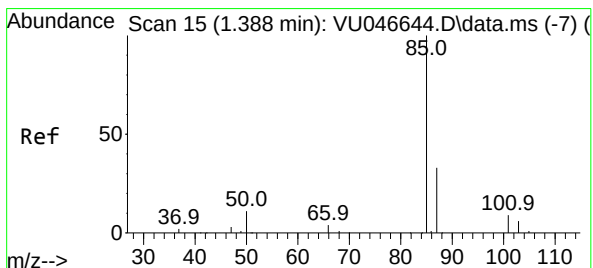
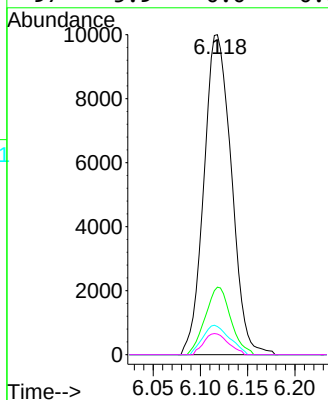
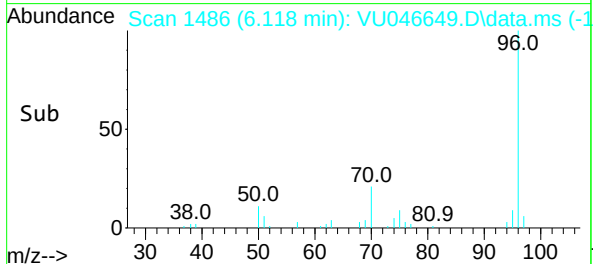
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



Tgt Ion: 96 Resp: 2020
Ion Ratio Lower Upper
96 100
70 19.6 16.8 25.2
95 9.0 7.3 10.9
97 5.9 0.0 0.0#

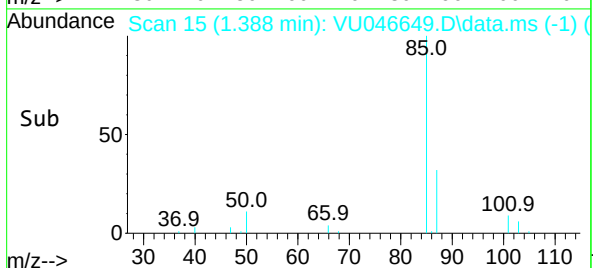
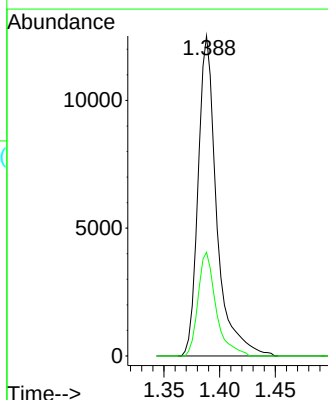
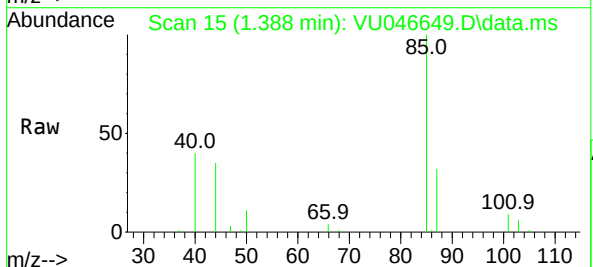
Manual Integrations
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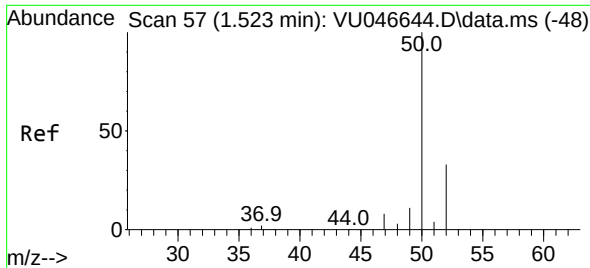
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#2
Dichlorodifluoromethane
Concen: 1.876 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

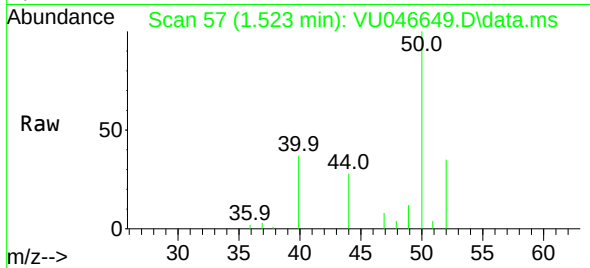
Tgt Ion: 85 Resp: 14537
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





#3
Chloromethane
Concen: 1.860 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

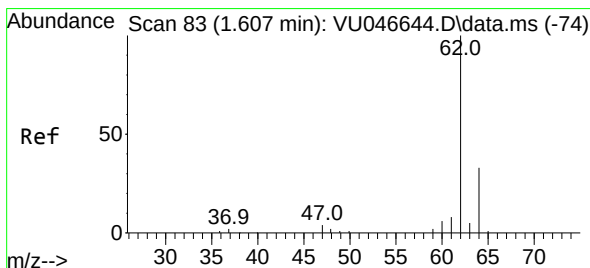
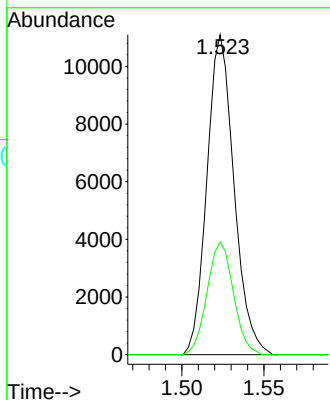
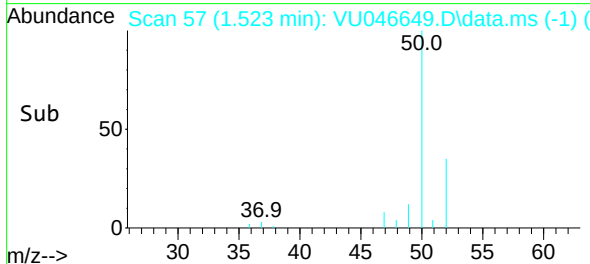
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



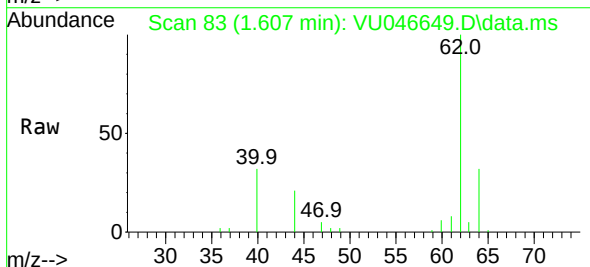
Tgt Ion: 50 Resp: 12730
Ion Ratio Lower Upper
50 100
52 35.3 26.2 39.4

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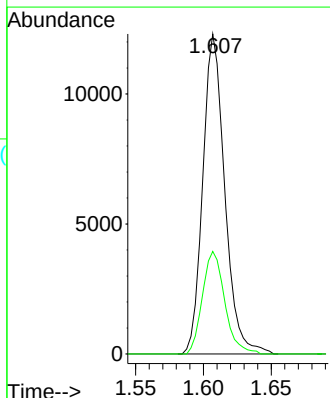
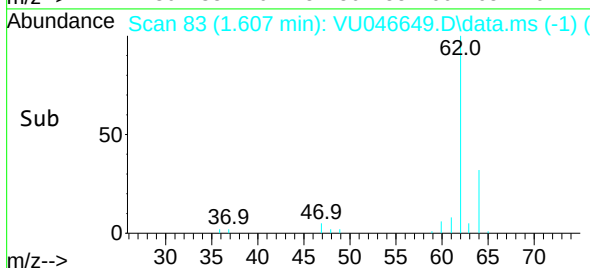
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

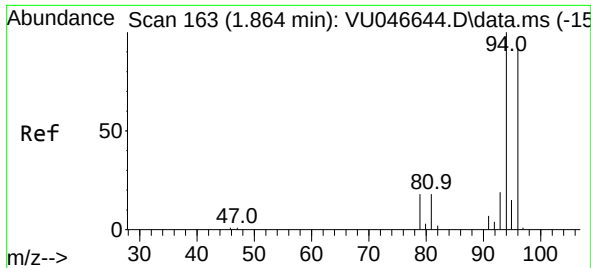


#4
Vinyl Chloride
Concen: 1.883 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23



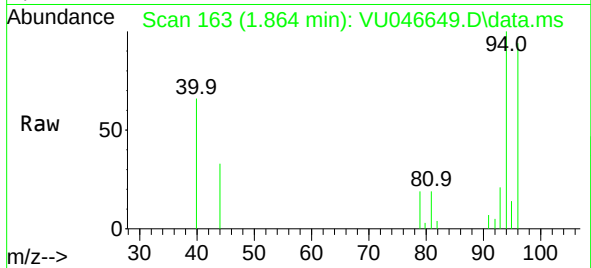
Tgt Ion: 62 Resp: 13859
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0





#5
Bromomethane
Concen: 1.935 ug/l
RT: 1.864 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

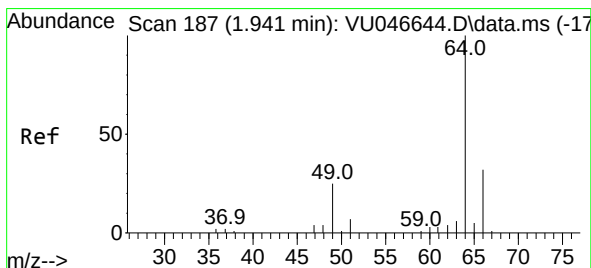
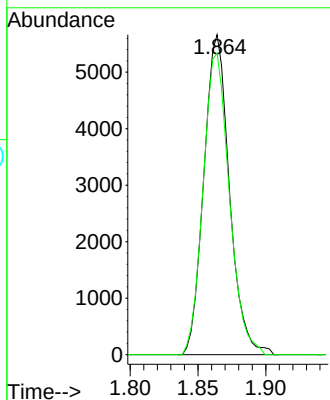
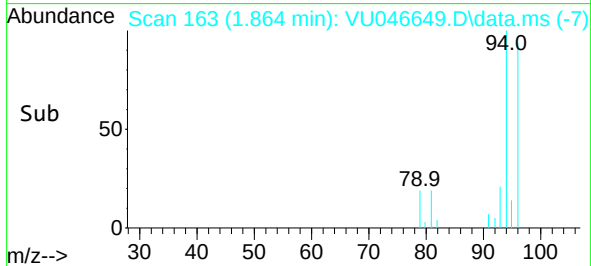
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



Tgt Ion: 94 Resp: 7439
Ion Ratio Lower Upper
94 100
96 94.2 75.0 112.4

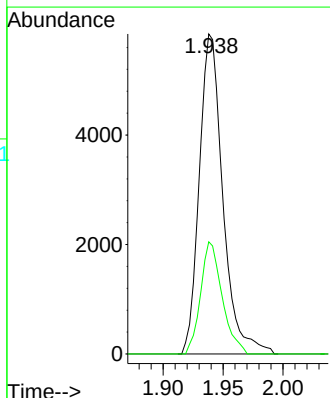
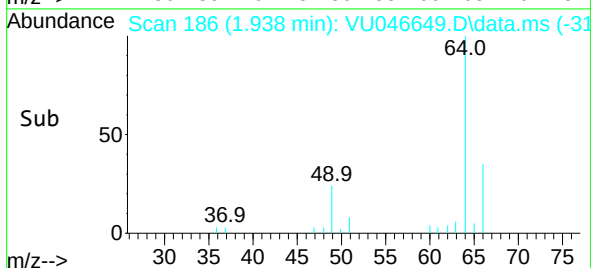
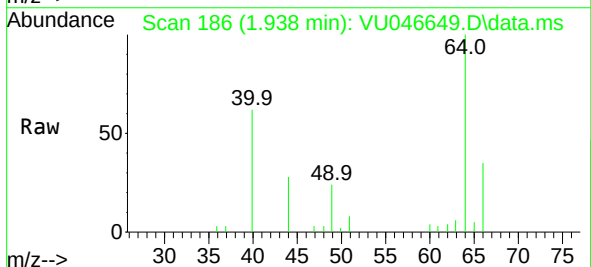
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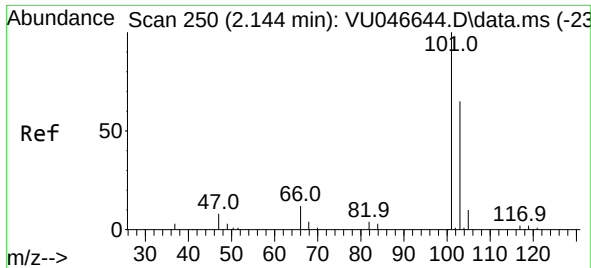
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#6
Chloroethane
Concen: 1.831 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Tgt Ion: 64 Resp: 7998
Ion Ratio Lower Upper
64 100
66 35.1 25.8 38.8





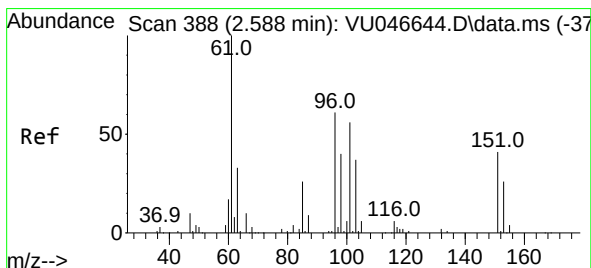
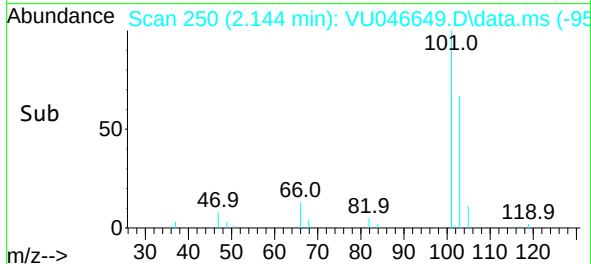
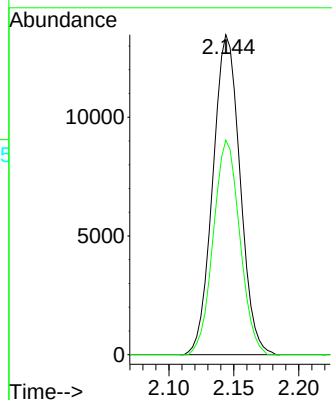
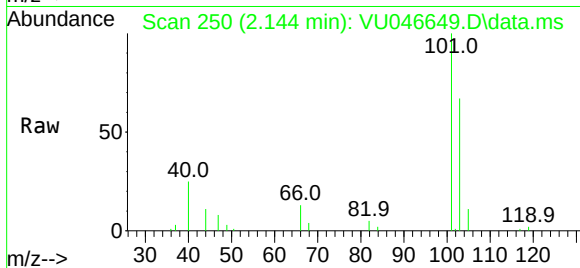
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Trichlorofluoromethane
Concen: 1.905 ug/l
RT: 2.144 min Scan# 210
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01

Tgt Ion:101 Resp: 1964
Ion Ratio Lower Upper
101 100
103 67.0 52.2 78.2

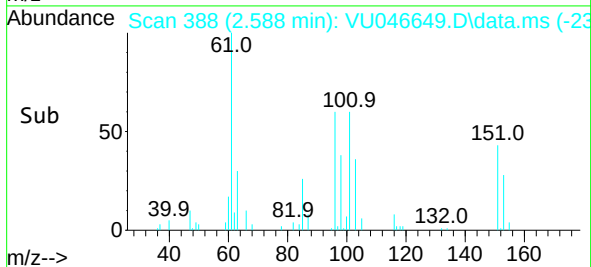
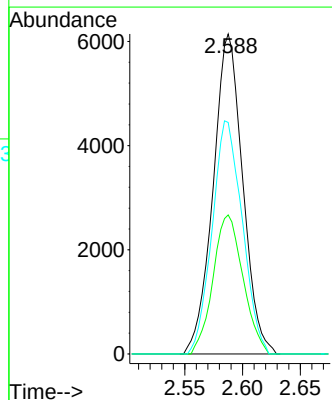
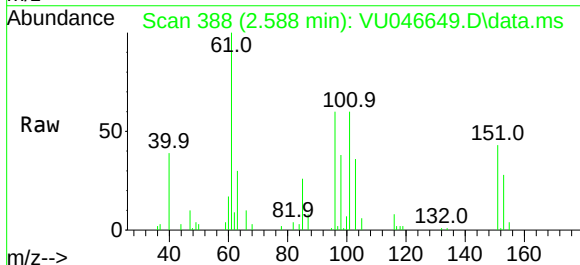
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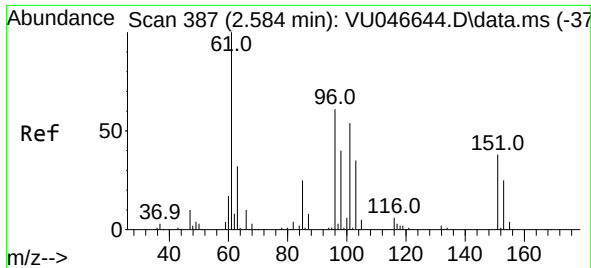
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.905 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Tgt Ion:101 Resp: 10934
Ion Ratio Lower Upper
101 100
85 44.0 35.8 53.6
151 74.2 54.6 81.8





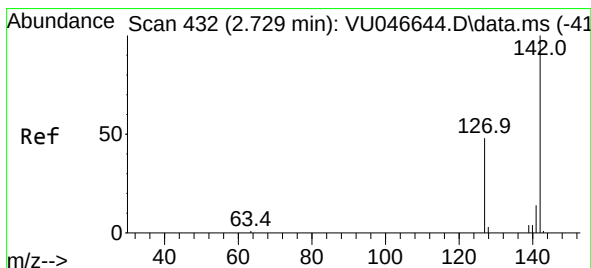
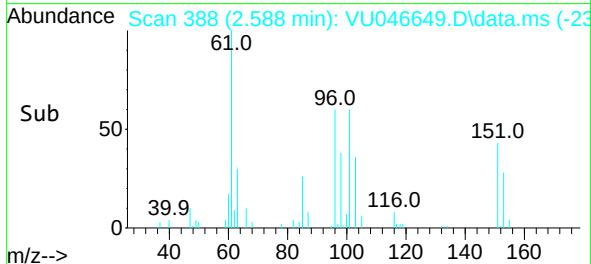
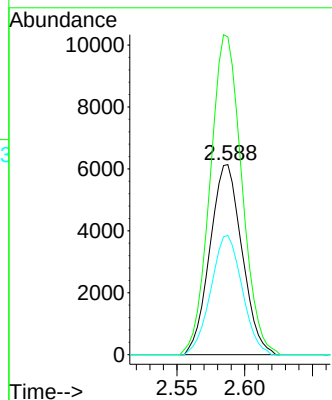
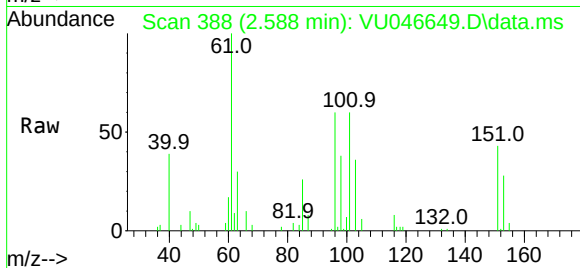
#9
1,1-Dichloroethene
Concen: 1.875 ug/l
RT: 2.588 min Scan# 387
Delta R.T. 0.004 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01

Tgt Ion: 96 Resp: 1010
Ion Ratio Lower Upper
96 100
61 167.1 0.0 514.2
98 62.7 0.0 126.4

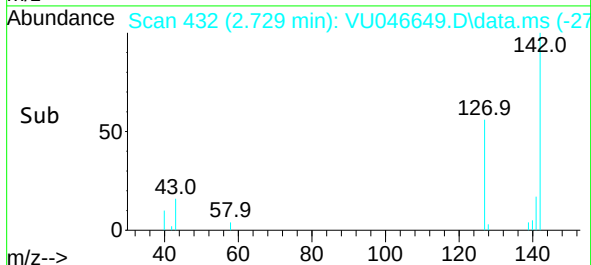
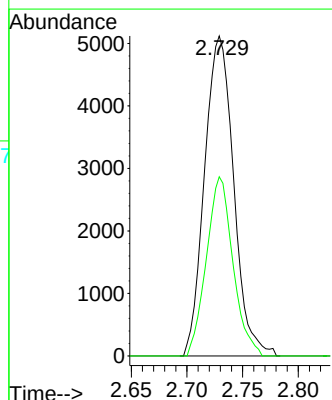
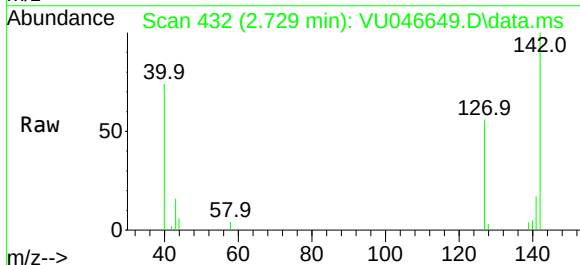
Manual Integrations
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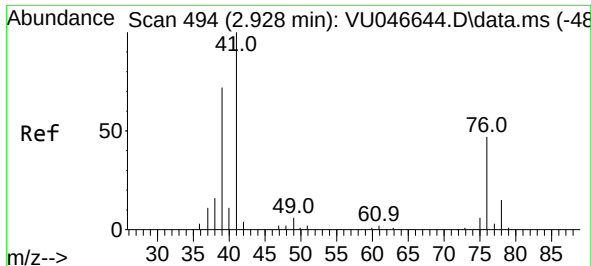
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#10
Iodomethane
Concen: 2.198 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

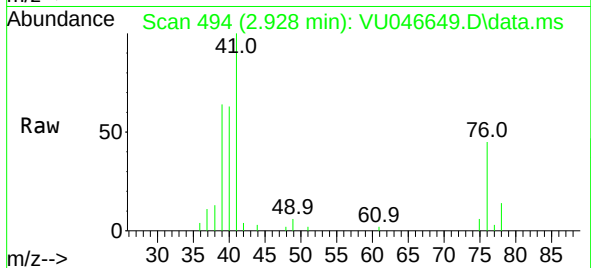
Tgt Ion:142 Resp: 9305
Ion Ratio Lower Upper
142 100
127 51.0 33.2 49.8#





#11
 Allyl Chloride
 Concen: 1.943 ug/l
 RT: 2.928 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: VU046649.D
 Acq: 30 Dec 2021 15:23

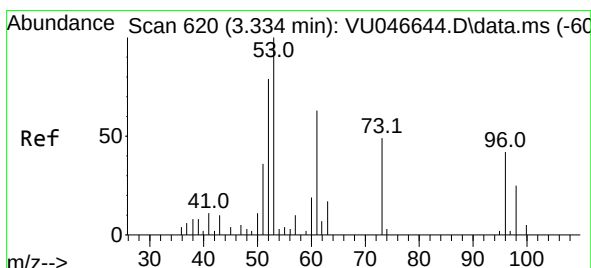
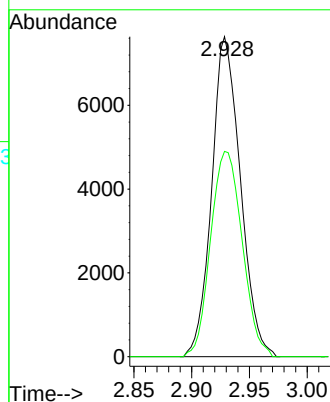
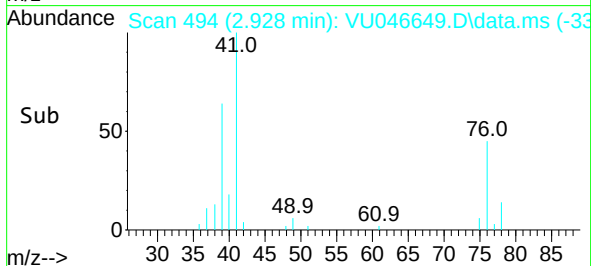
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1230WBSD01



Tgt Ion: 41 Resp: 13208
 Ion Ratio Lower Upper
 41 100
 39 70.4 62.4 93.6

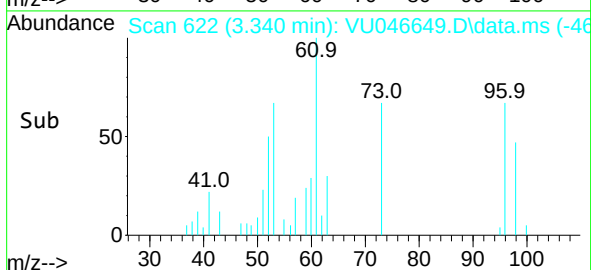
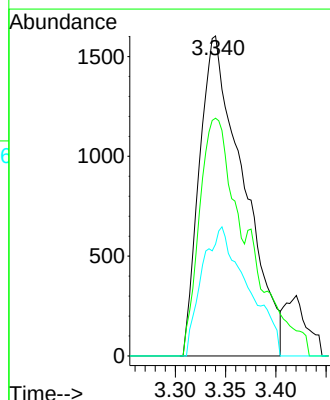
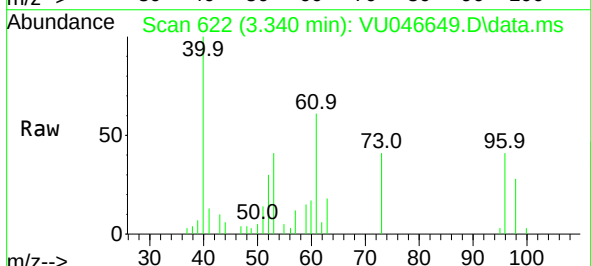
Manual Integrations
 APPROVED

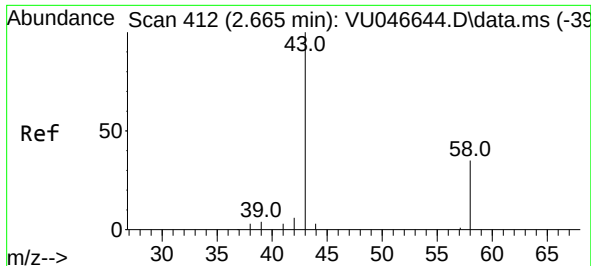
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022



#12
 Acrylonitrile
 Concen: 3.371 ug/l
 RT: 3.340 min Scan# 622
 Delta R.T. 0.006 min
 Lab File: VU046649.D
 Acq: 30 Dec 2021 15:23

Tgt Ion: 53 Resp: 4849
 Ion Ratio Lower Upper
 53 100
 52 59.5 56.7 85.1
 51 42.0 30.3 45.5





#13

Acetone

Concen: 8.421 ug/l

RT: 2.665 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBSD01

Tgt Ion: 43 Resp: 1090

Ion Ratio Lower Upper

43 100

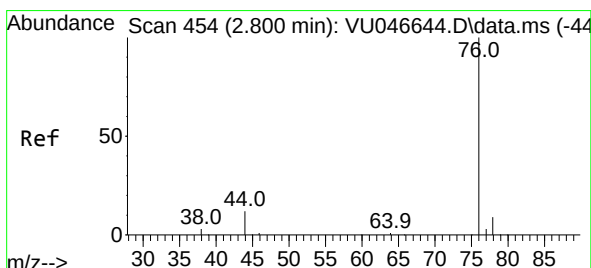
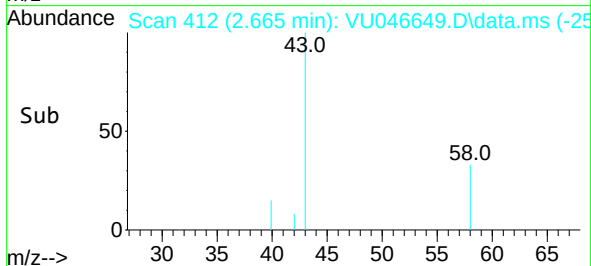
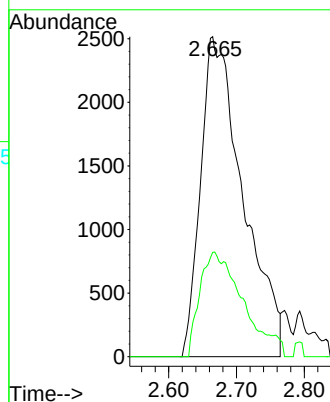
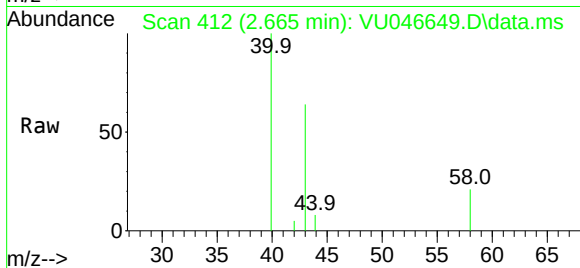
58 32.6 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#14

Carbon Disulfide

Concen: 1.865 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046649.D

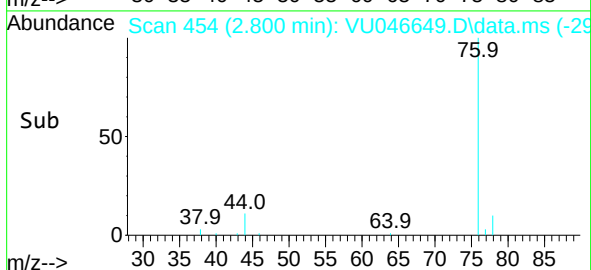
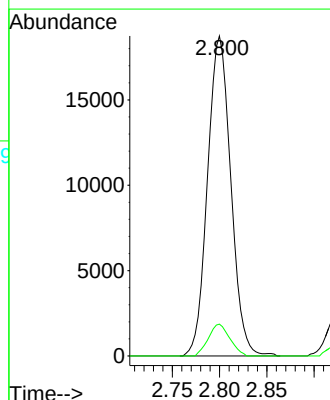
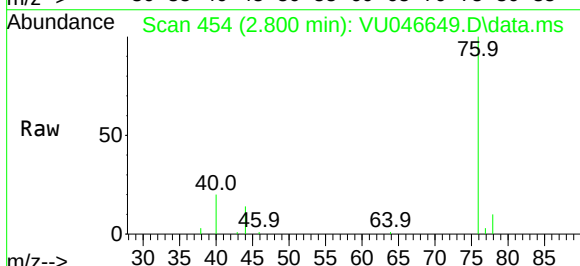
Acq: 30 Dec 2021 15:23

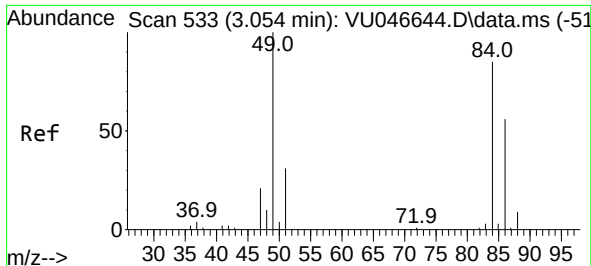
Tgt Ion: 76 Resp: 32117

Ion Ratio Lower Upper

76 100

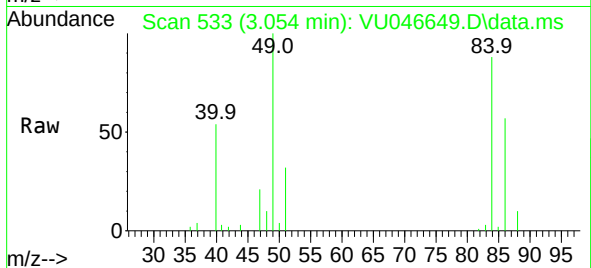
78 9.9 7.1 10.7





#15
Methylene Chloride
Concen: 2.027 ug/l
RT: 3.054 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

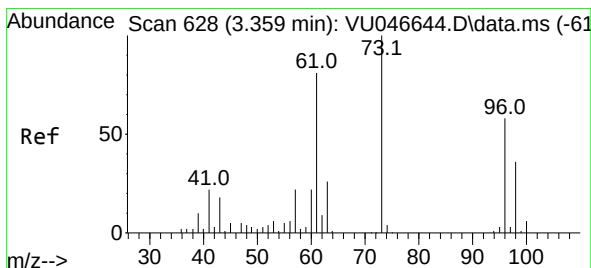
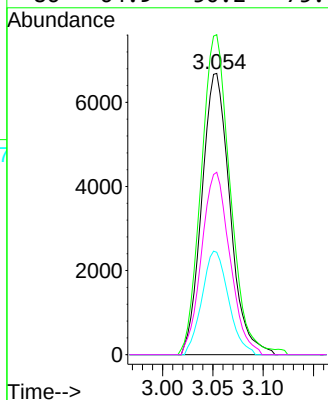
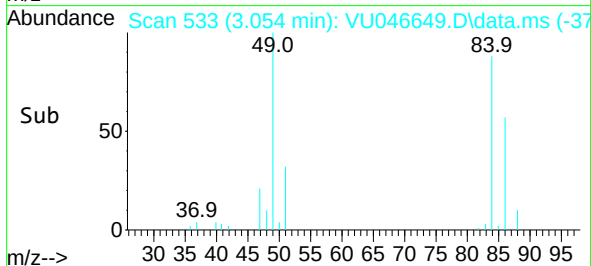
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



Tgt Ion: 84 Resp: 13029
Ion Ratio Lower Upper
84 100
49 113.8 97.2 145.8
51 36.4 0.0 73.4
86 64.9 50.2 75.4

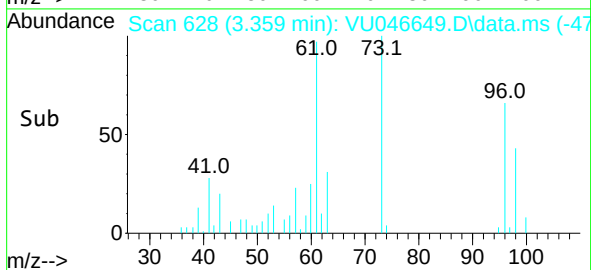
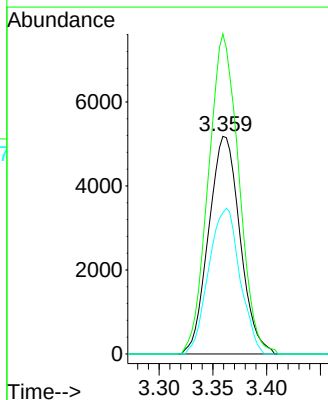
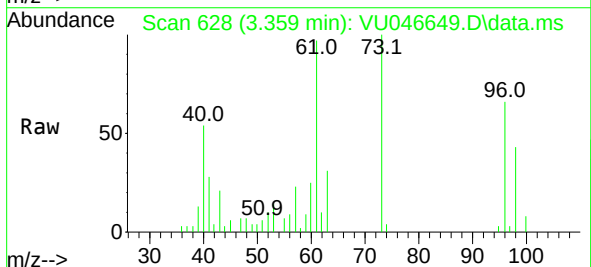
Manual Integrations
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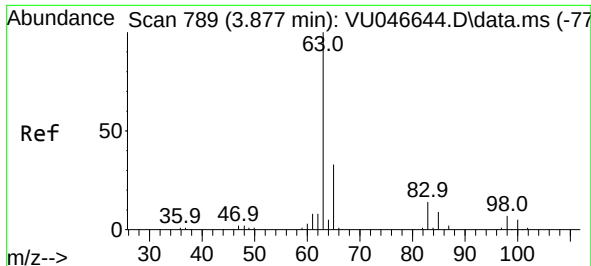
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#16
trans-1,2-Dichloroethene
Concen: 1.869 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Tgt Ion: 96 Resp: 10524
Ion Ratio Lower Upper
96 100
61 147.0 115.8 173.6
98 64.9 51.1 76.7





#17

1,1-Dichloroethane

Concen: 1.972 ug/l

RT: 3.874 min Scan# 789

Delta R.T. -0.003 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Instrument :

MSVOA_U

ClientSampleId :

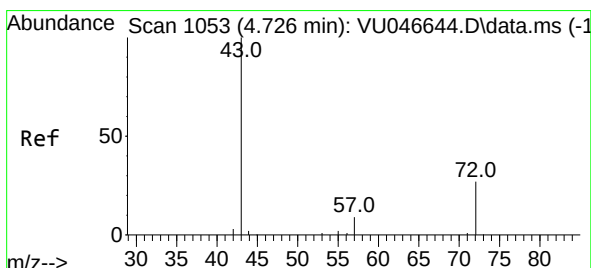
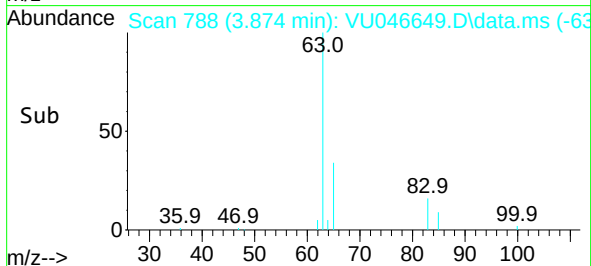
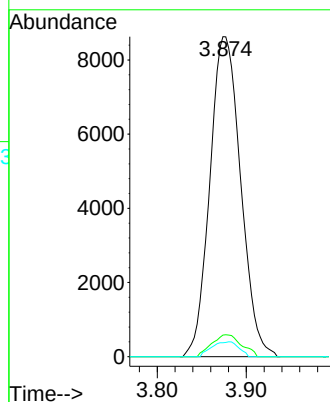
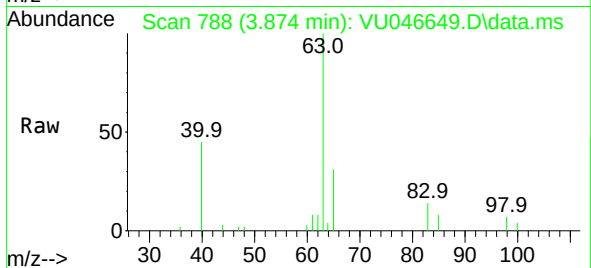
VU1230WBSD01

Tgt Ion:	63	Resp:	2071
Ion Ratio	Lower	Upper	
63	100		
98	6.7	3.6	10.8
100	4.3	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: 8.719 ug/l

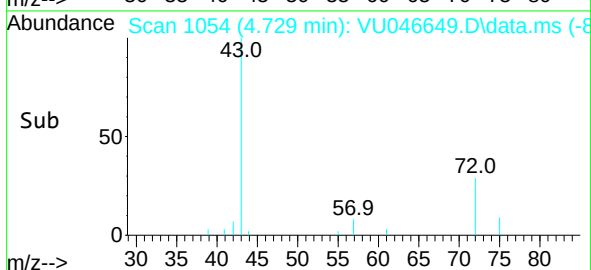
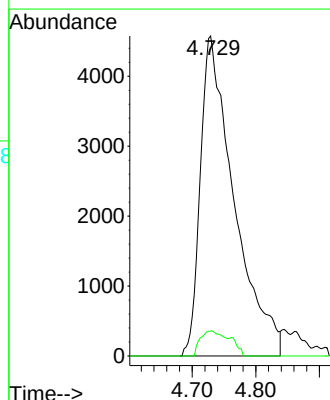
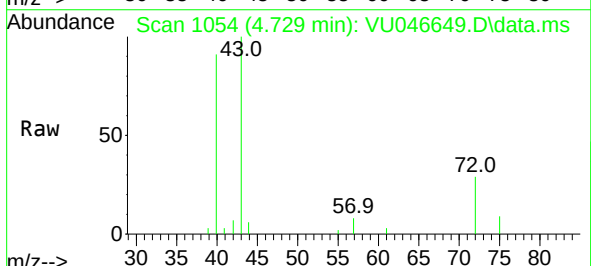
RT: 4.729 min Scan# 1054

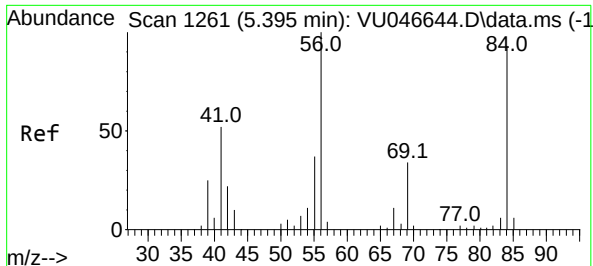
Delta R.T. 0.003 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Tgt Ion:	43	Resp:	16865
Ion Ratio	Lower	Upper	
43	100		
57	7.8	0.0	16.6





#19

Cyclohexane

Concen: 1.815 ug/l

RT: 5.391 min Scan# 1261

Delta R.T. -0.004 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Instrument :

MSVOA_U

ClientSampleId :

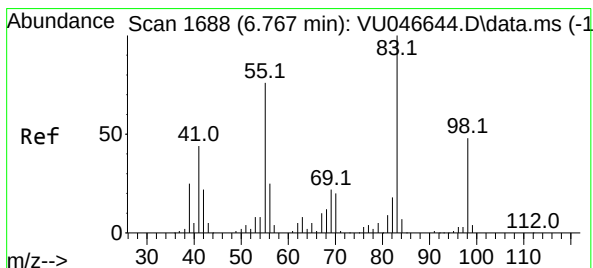
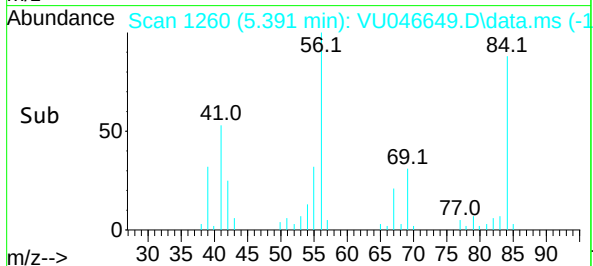
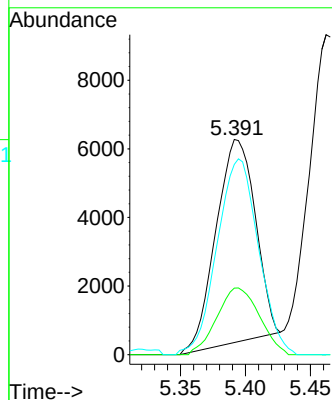
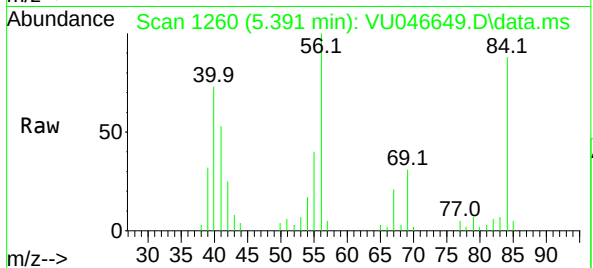
VU1230WBSD01

Tgt Ion:	56	Resp:	1248
Ion Ratio	Lower	Upper	
56	100		
69	35.5	24.7	37.1
84	101.1	68.8	103.2

Manual Integrations

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



#20

Methylcyclohexane

Concen: 1.723 ug/l

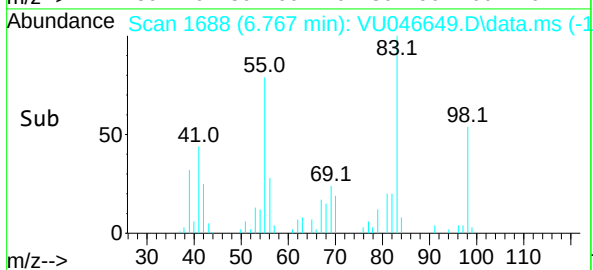
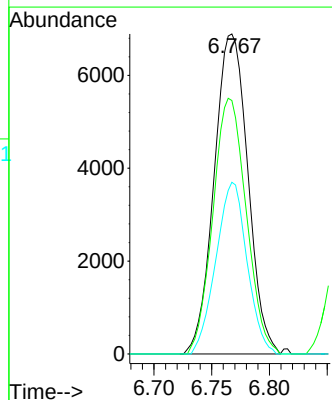
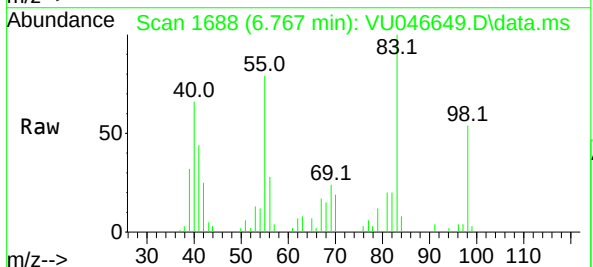
RT: 6.767 min Scan# 1688

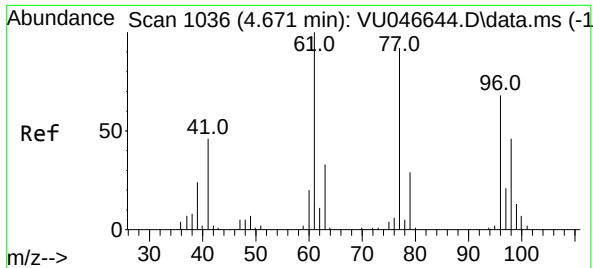
Delta R.T. 0.000 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Tgt Ion:	83	Resp:	13998
Ion Ratio	Lower	Upper	
83	100		
55	78.9	61.9	92.9
98	49.5	37.4	56.2





#21

2,2-Dichloropropane

Concen: 1.876 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBSD01

Tgt Ion: 77 Resp: 1679

Ion Ratio Lower Upper

77 100

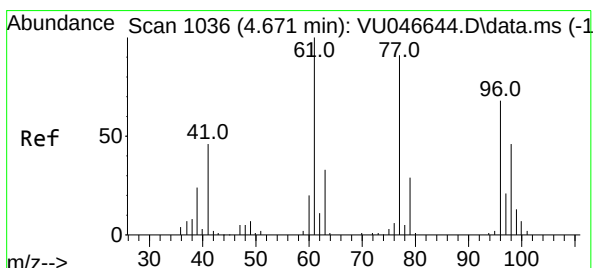
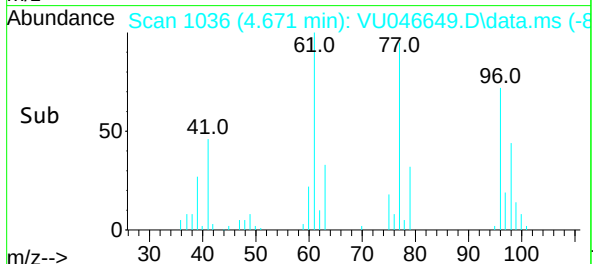
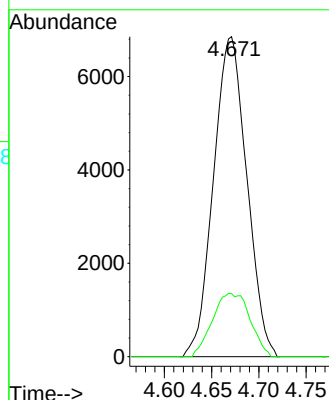
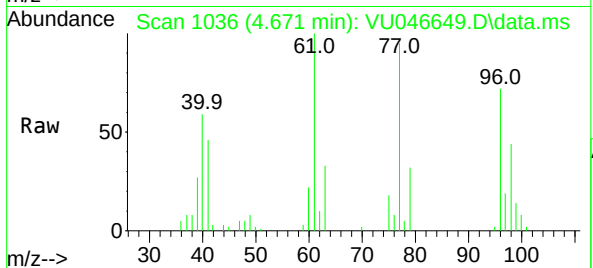
97 22.3 17.2 25.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#22

cis-1,2-Dichloroethene

Concen: 1.869 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

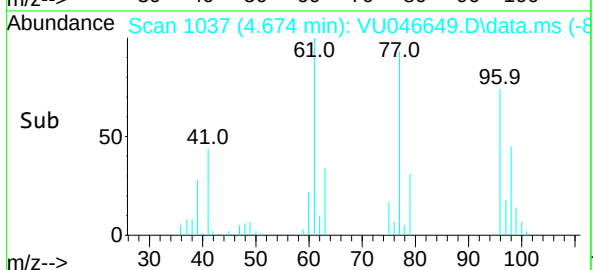
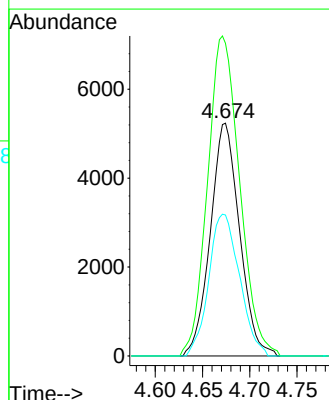
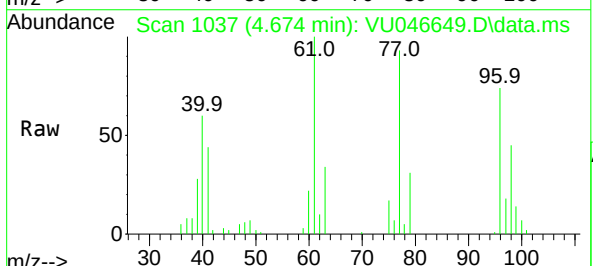
Tgt Ion: 96 Resp: 11263

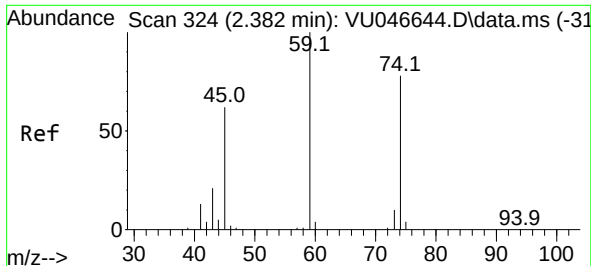
Ion Ratio Lower Upper

96 100

61 150.9 0.0 385.3

98 64.1 32.1 96.3





#23

Diethyl Ether

Concen: 1.864 ug/l

RT: 2.382 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBSD01

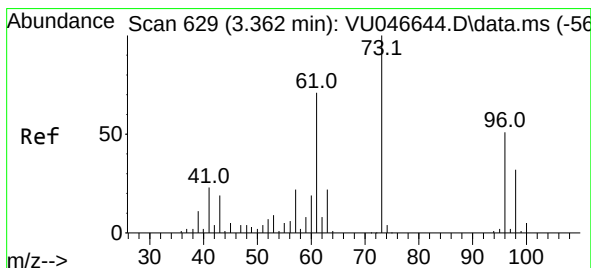
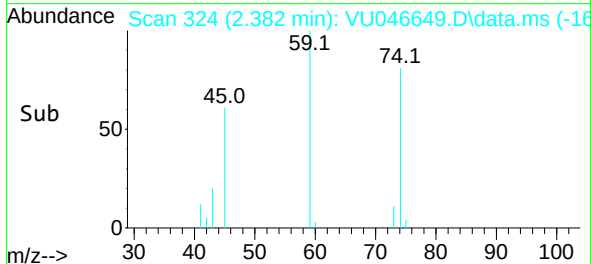
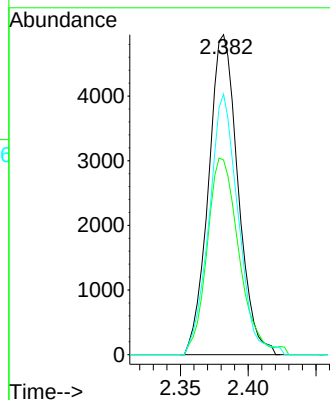
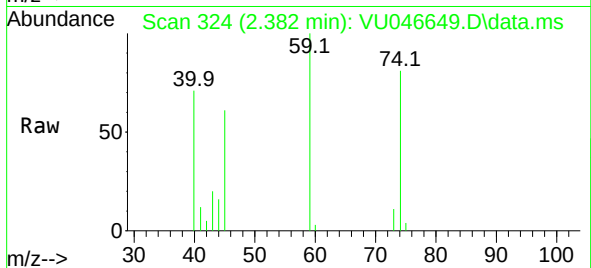
Tgt Ion: 59 Resp: 750

Ion	Ratio	Lower	Upper
59	100		
45	66.5	55.6	83.4
74	80.1	58.1	87.1

Manual Integrations

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



#24

tert-Butyl Alcohol

Concen: 3.055 ug/l

RT: 3.424 min Scan# 648

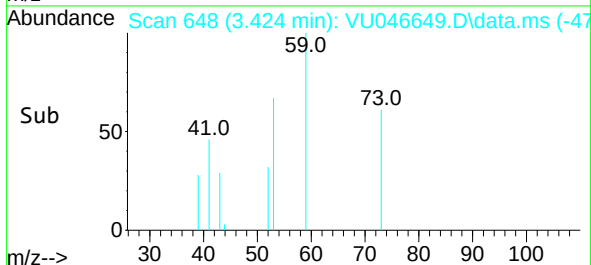
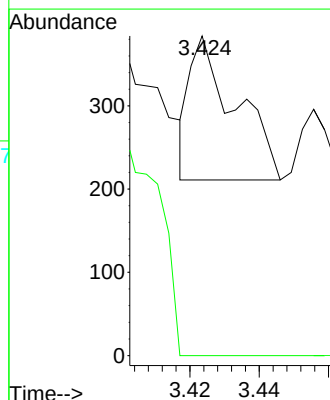
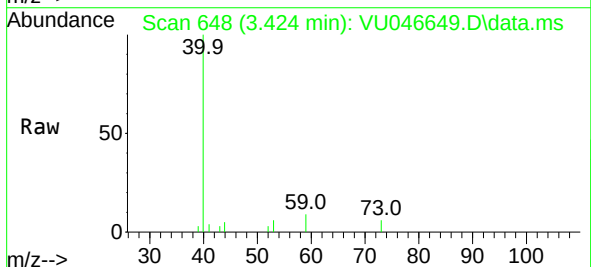
Delta R.T. 0.062 min

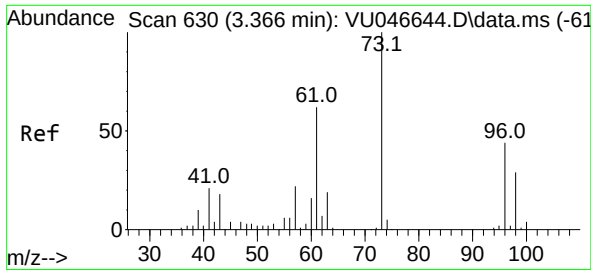
Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Tgt Ion: 59 Resp: 159

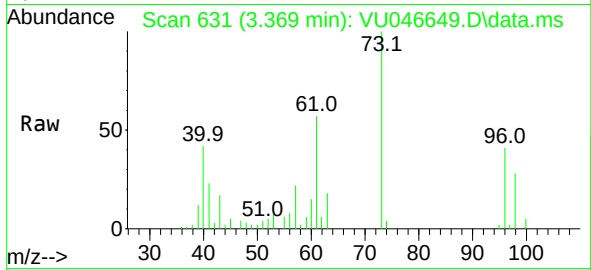
Ion	Ratio	Lower	Upper
59	100		
57	3514.5	6.5	9.7#





#25
Methyl tert-Butyl Ether
Concen: 1.832 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

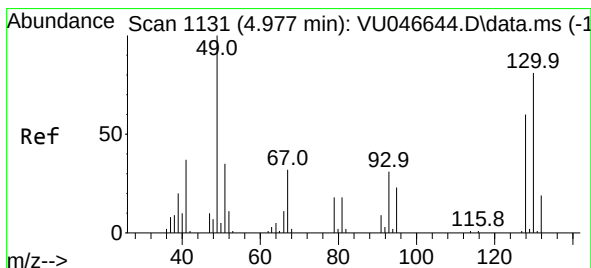
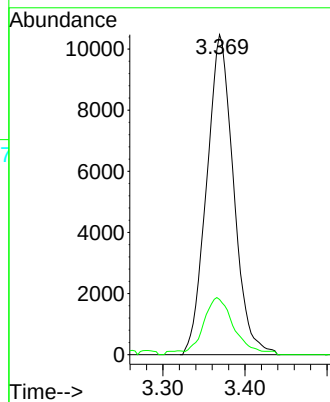
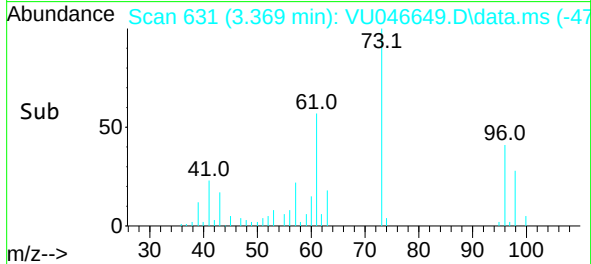
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



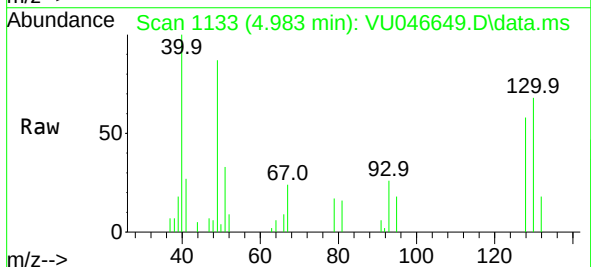
Tgt Ion: 73 Resp: 2385
Ion Ratio Lower Upper
73 100
43 20.2 16.3 24.5

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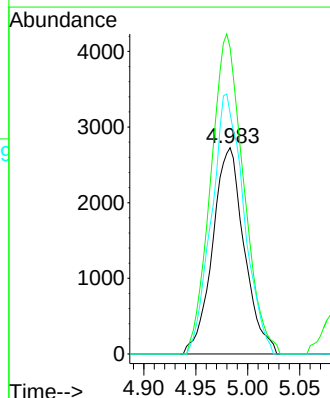
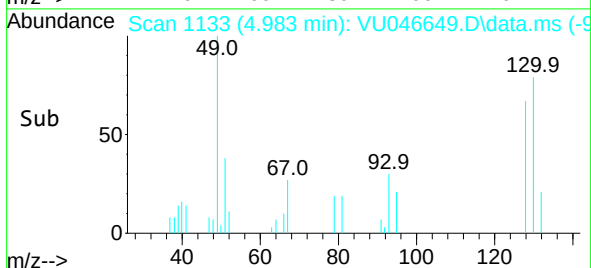
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

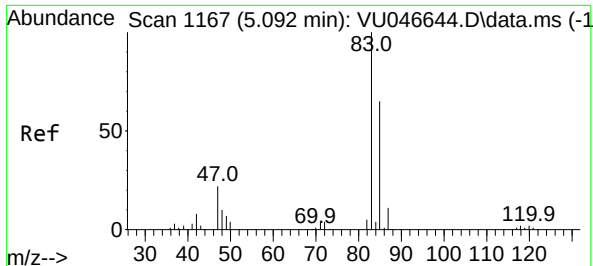


#26
Bromochloromethane
Concen: 1.936 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23



Tgt Ion:128 Resp: 5772
Ion Ratio Lower Upper
128 100
49 160.3 0.0 347.4
130 128.7 101.5 152.3





#27

Chloroform

Concen: 1.906 ug/l

RT: 5.095 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBSD01

Tgt Ion: 83 Resp: 2220

Ion Ratio Lower Upper

83 100

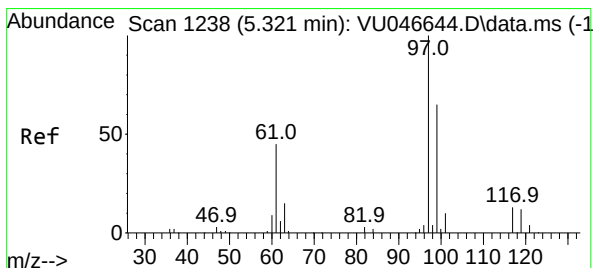
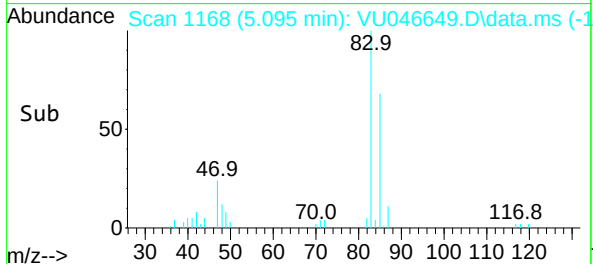
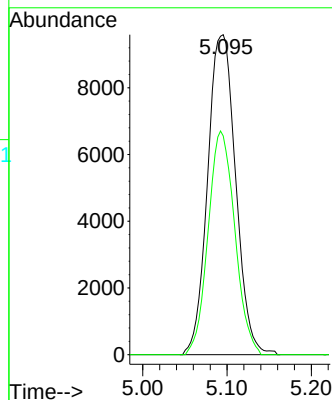
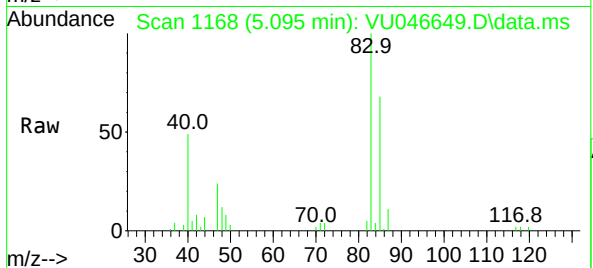
85 68.4 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#28

1,1,1-Trichloroethane

Concen: 1.912 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

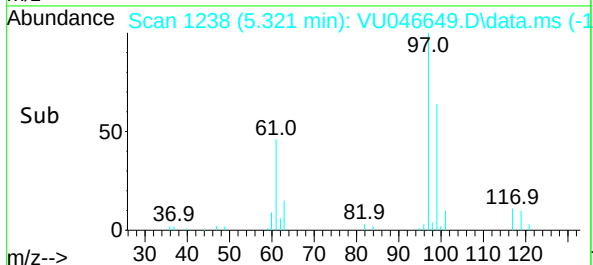
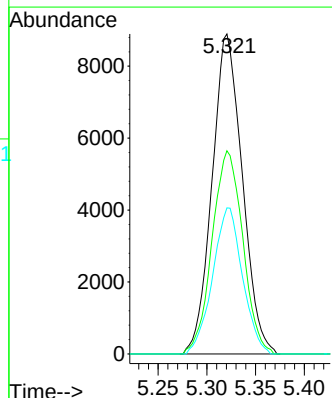
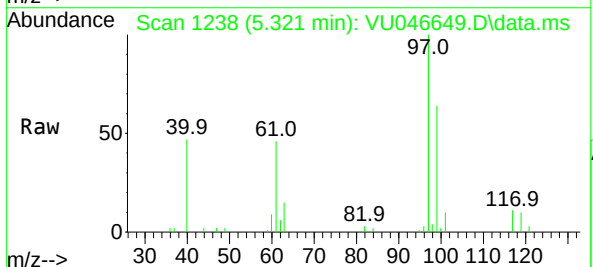
Tgt Ion: 97 Resp: 19219

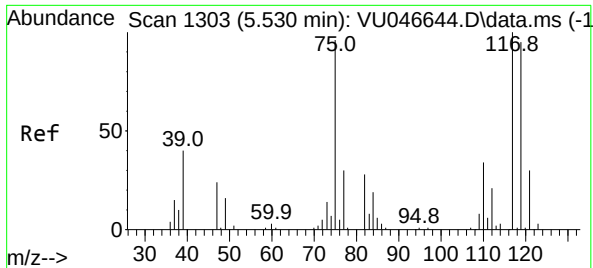
Ion Ratio Lower Upper

97 100

99 64.4 32.2 96.6

61 45.0 24.5 73.5





#29

1,1-Dichloropropene

Concen: 1.795 ug/l

RT: 5.530 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBSD01

Tgt Ion: 75 Resp: 1420

Ion Ratio Lower Upper

75 100

110 35.3 16.8 50.3

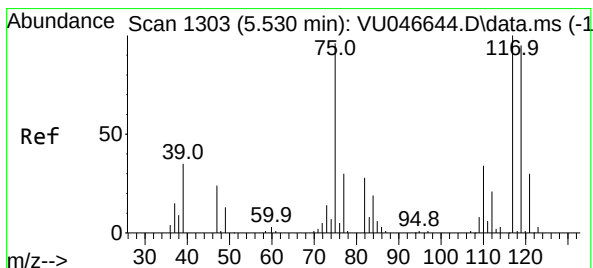
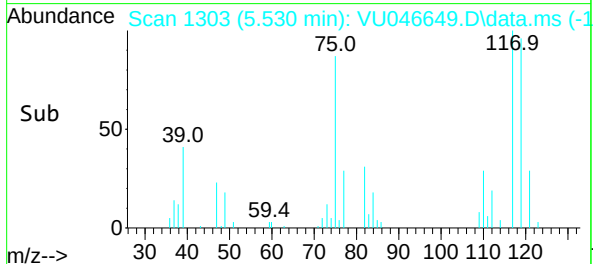
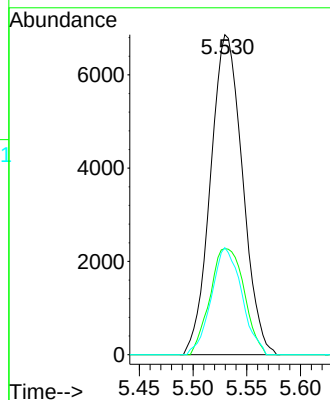
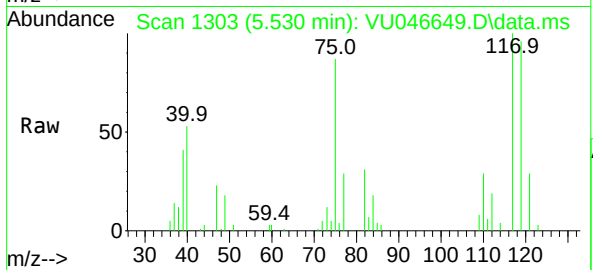
77 31.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#30

Carbon Tetrachloride

Concen: 1.866 ug/l

RT: 5.526 min Scan# 1302

Delta R.T. -0.004 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

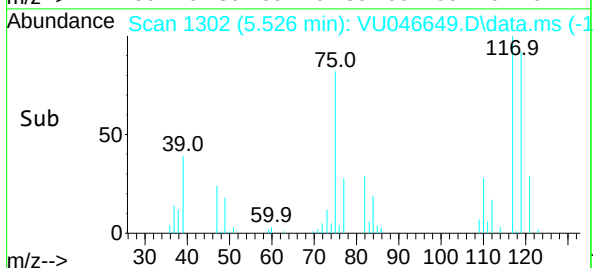
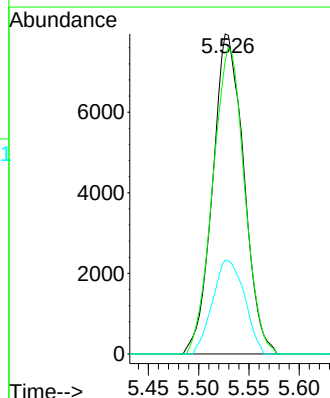
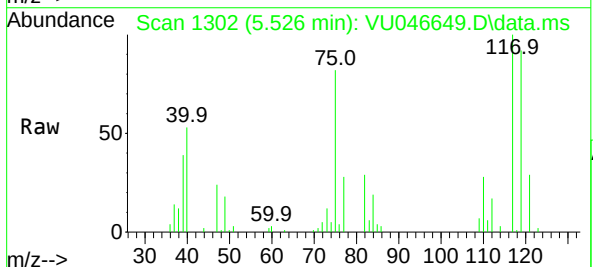
Tgt Ion:117 Resp: 17115

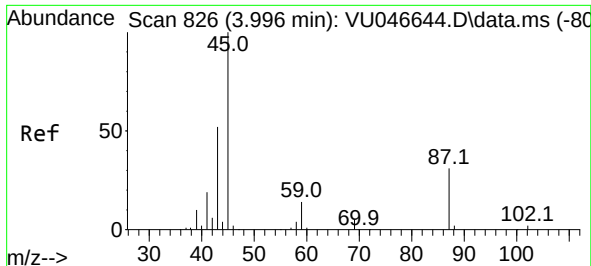
Ion Ratio Lower Upper

117 100

119 91.6 76.8 115.2

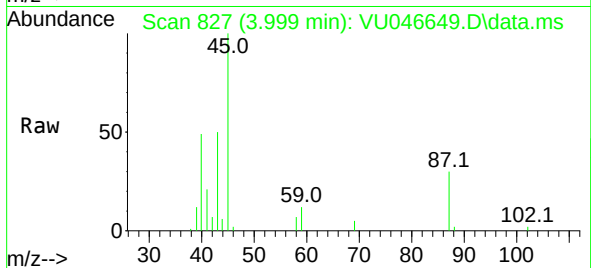
121 29.3 24.6 37.0





#31
Isopropyl Ether
Concen: 1.830 ug/l
RT: 3.999 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

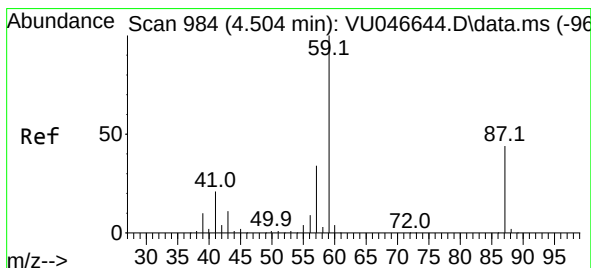
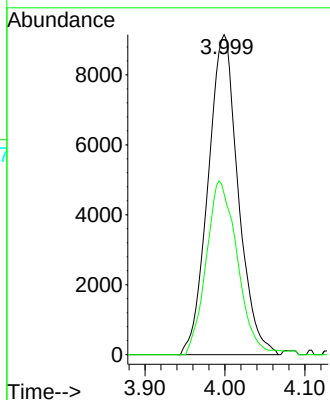
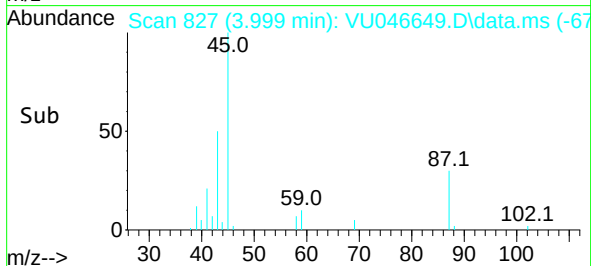
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



Tgt Ion: 45 Resp: 23929
Ion Ratio Lower Upper
45 100
43 55.6 25.3 75.8

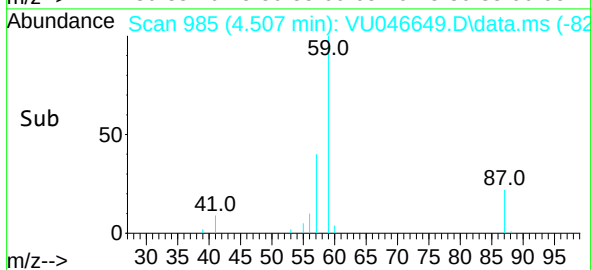
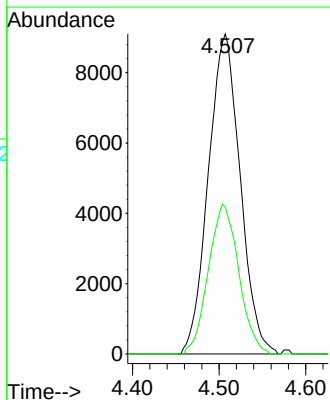
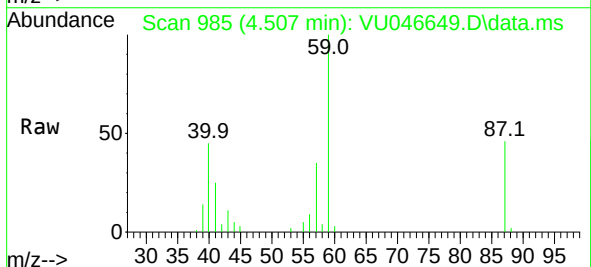
Manual Integrations
APPROVED

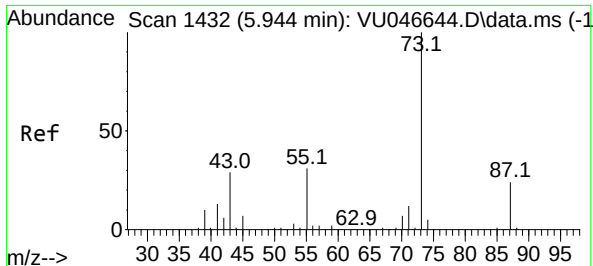
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#32
Ethyl-t-butyl ether
Concen: 1.799 ug/l
RT: 4.507 min Scan# 985
Delta R.T. 0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

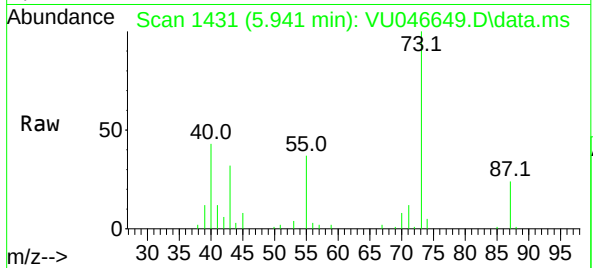
Tgt Ion: 59 Resp: 23253
Ion Ratio Lower Upper
59 100
87 44.6 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 1.763 ug/l
RT: 5.941 min Scan# 1432
Delta R.T. -0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

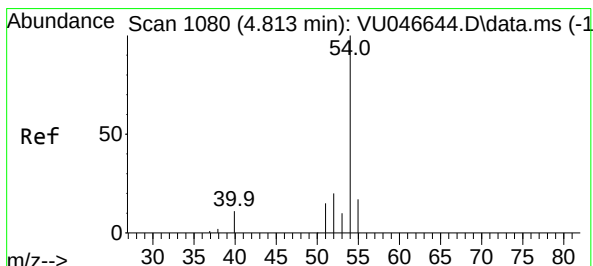
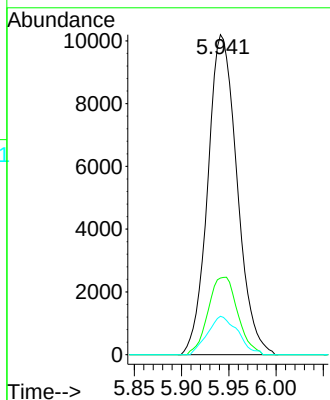
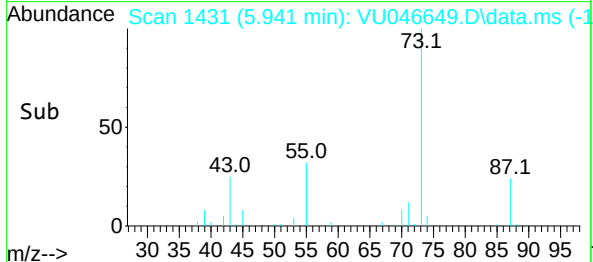
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



Tgt Ion: 73 Resp: 2195
Ion Ratio Lower Upper
73 100
87 24.4 18.6 28.0
71 12.4 9.0 13.6

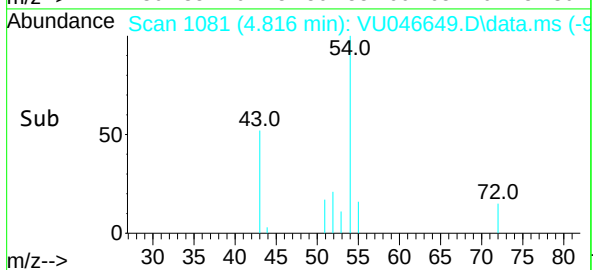
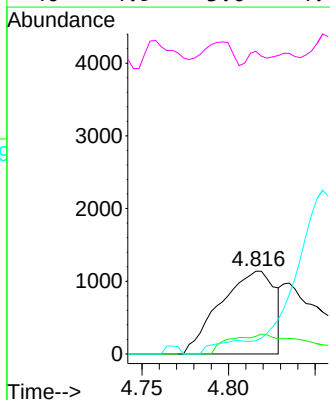
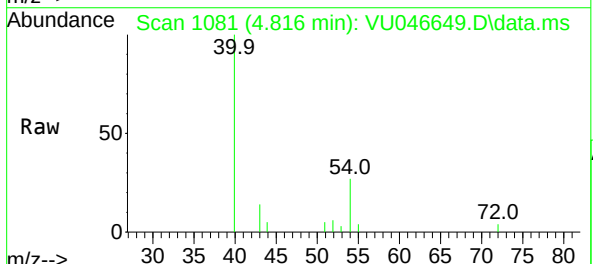
Manual Integrations
APPROVED

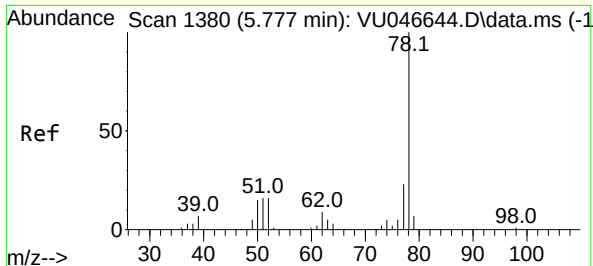
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#34
Propionitrile
Concen: 4.363 ug/l
RT: 4.816 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Tgt Ion: 54 Resp: 2501
Ion Ratio Lower Upper
54 100
52 33.9 11.9 17.9#
55 10.7 8.0 12.0
40 4.9 3.0 4.4#





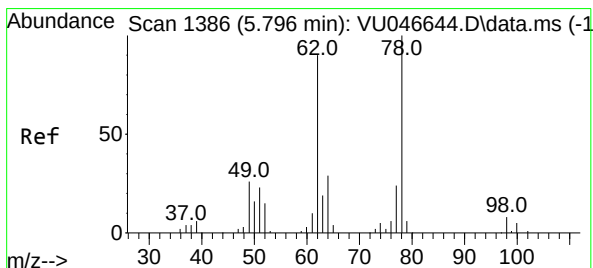
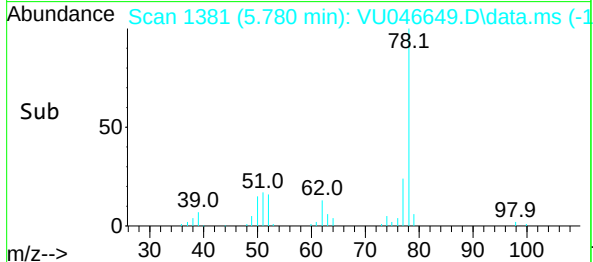
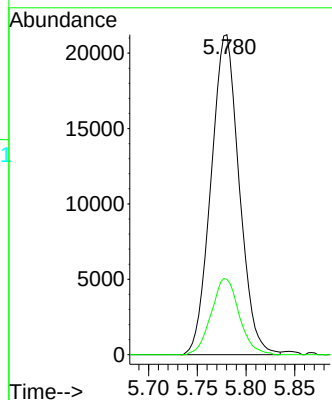
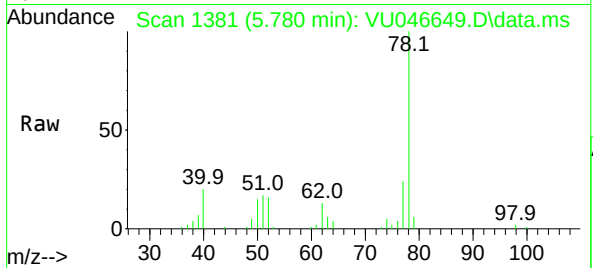
#35
Benzene
Concen: 1.888 ug/l
RT: 5.780 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01

Tgt Ion: 78 Resp: 4269
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

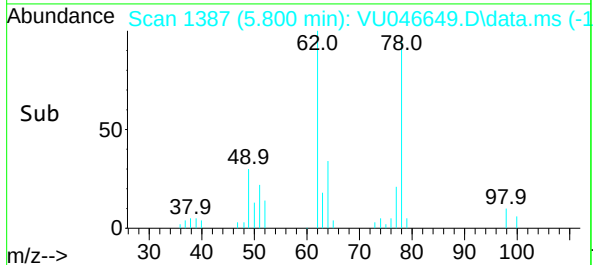
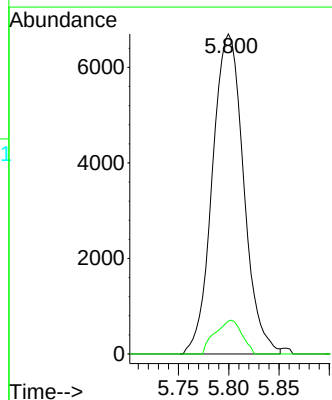
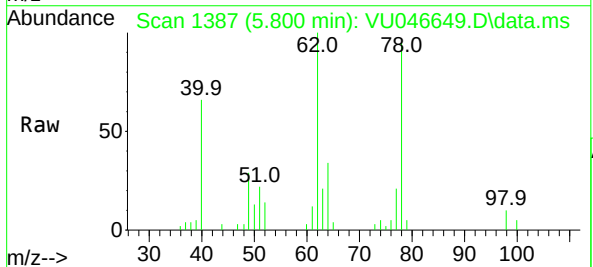
Manual Integrations
APPROVED

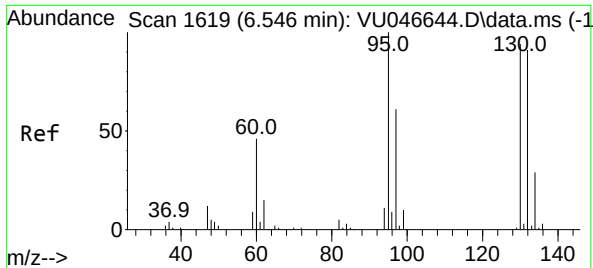
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#36
1,2-Dichloroethane
Concen: 1.870 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

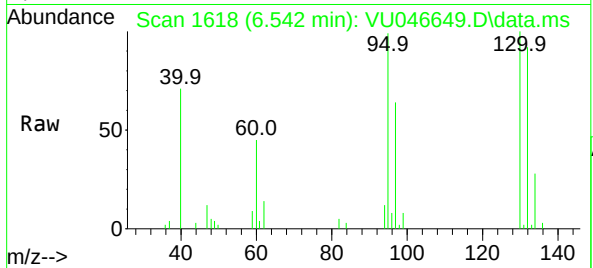
Tgt Ion: 62 Resp: 14496
Ion Ratio Lower Upper
62 100
98 9.0 7.3 10.9





#37
Trichloroethene
Concen: 1.956 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.004 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

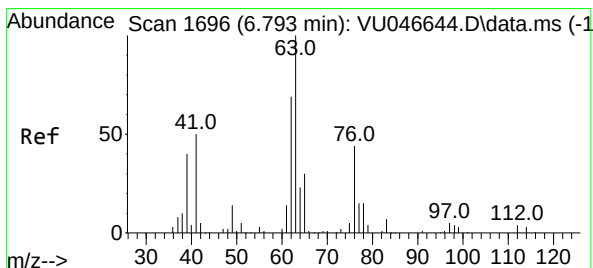
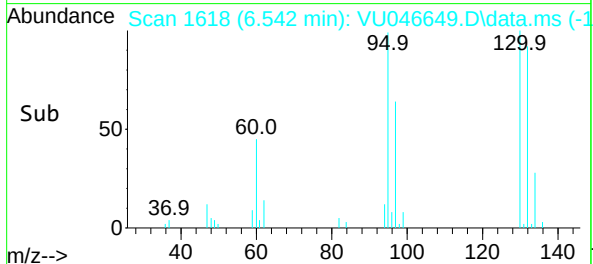
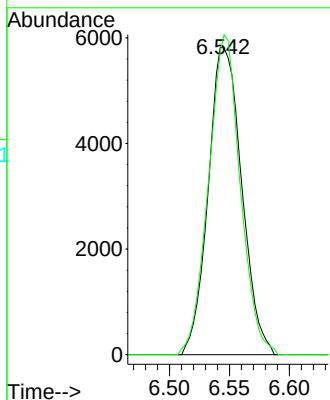
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



Tgt Ion:130 Resp: 11299
Ion Ratio Lower Upper
130 100
95 98.7 83.8 125.8

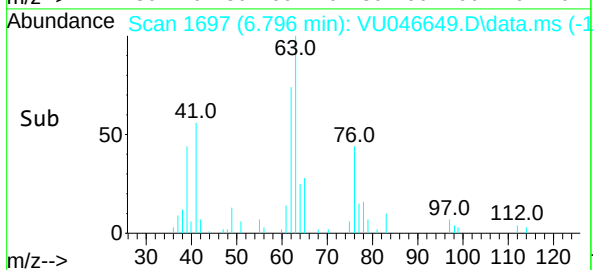
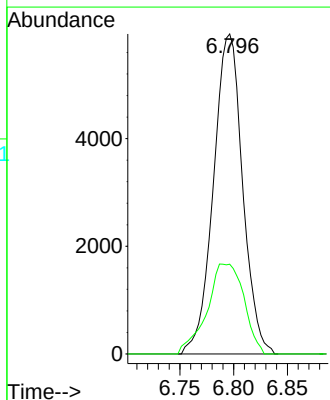
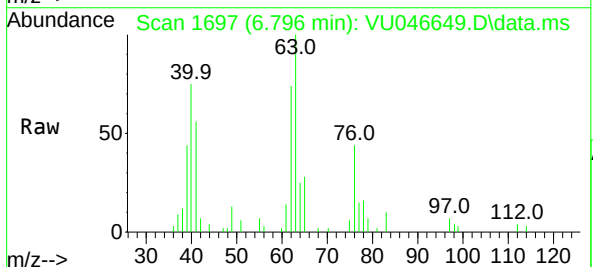
Manual Integrations
APPROVED

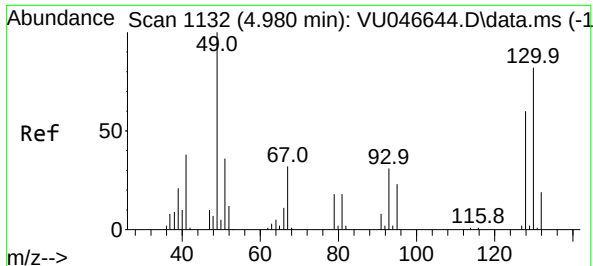
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#38
1,2-Dichloropropane
Concen: 1.874 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Tgt Ion: 63 Resp: 11213
Ion Ratio Lower Upper
63 100
65 28.0 24.7 37.1





#39

Methacrylonitrile

Concen: 1.751 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBSD01

Tgt Ion: 41 Resp: 3362

Ion Ratio Lower Upper

41 100

67 84.3 65.2 97.8

39 56.0 43.0 64.6

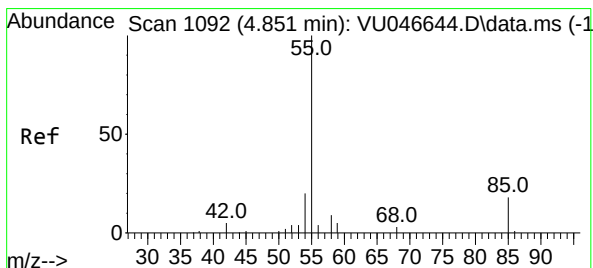
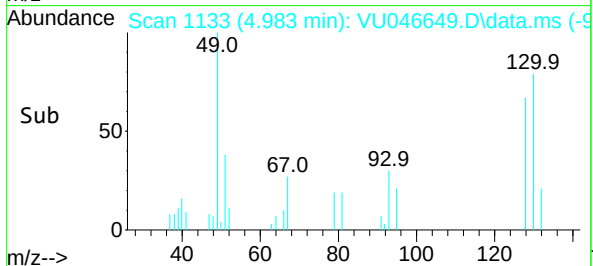
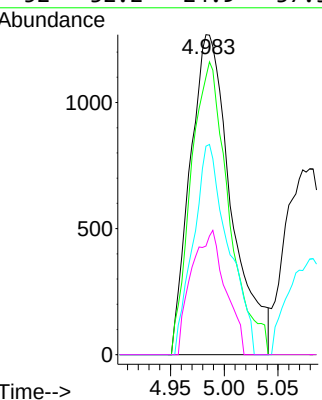
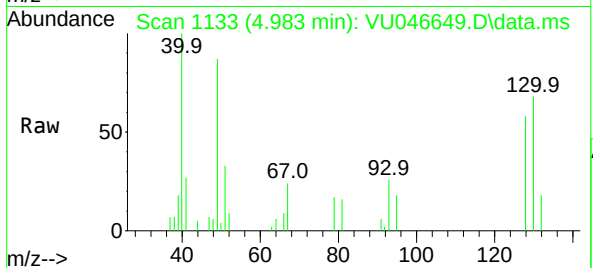
52 32.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#40

Methyl acrylate

Concen: 1.544 ug/l

RT: 4.854 min Scan# 1093

Delta R.T. 0.003 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Tgt Ion: 55 Resp: 5196

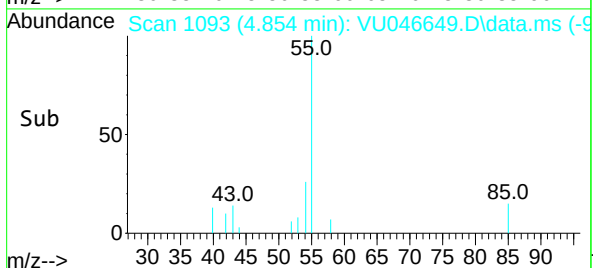
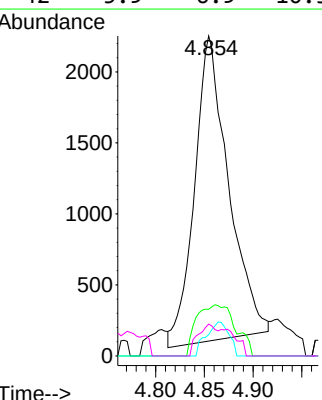
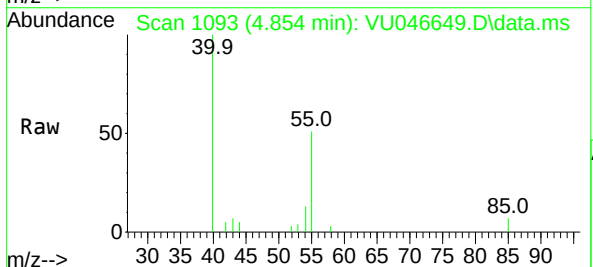
Ion Ratio Lower Upper

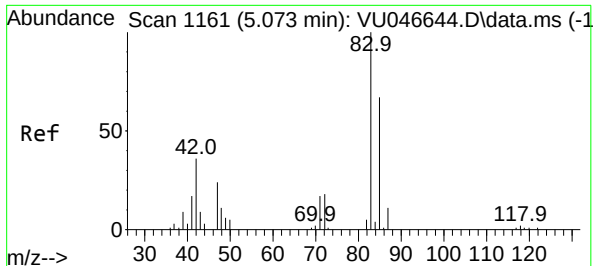
55 100

85 19.2 12.2 18.2#

58 7.4 6.7 10.1

42 5.9 6.9 10.3#





#41

Tetrahydrofuran

Concen: 3.902 ug/l

RT: 5.076 min Scan# 1161

Delta R.T. 0.003 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Instrument :

MSVOA_U

ClientSampleId :

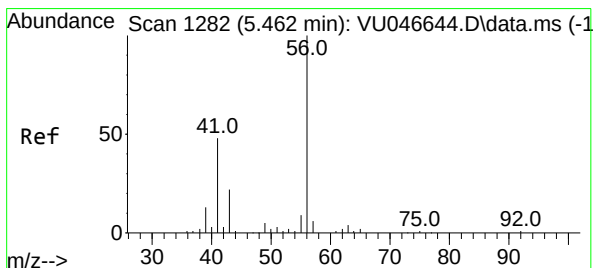
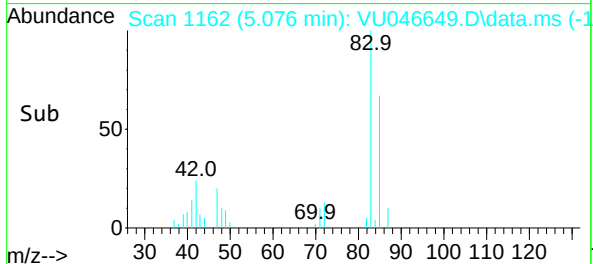
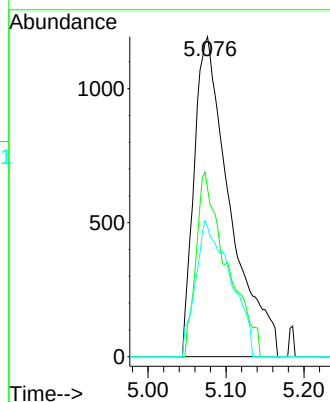
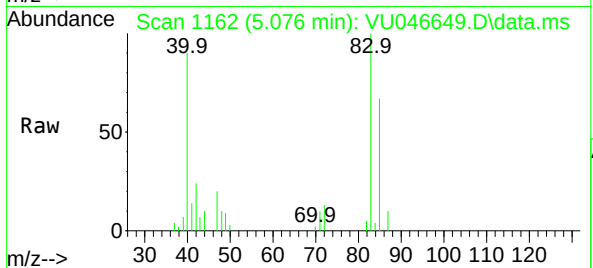
VU1230WBSD01

Tgt Ion:	42	Resp:	380
Ion Ratio	Lower	Upper	
42	100		
72	49.5	42.4	63.6
71	41.1	36.4	54.6

Manual Integrations

APPROVED

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



#42

1-Chlorobutane

Concen: 1.888 ug/l

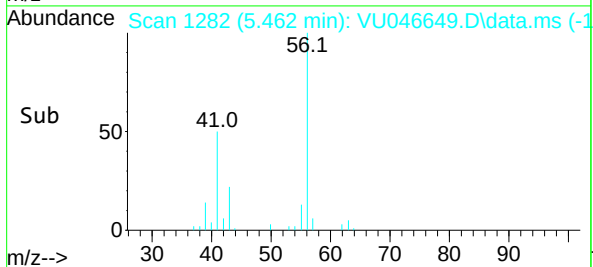
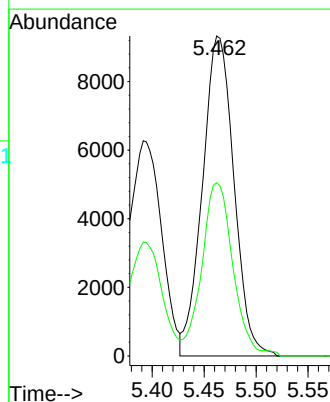
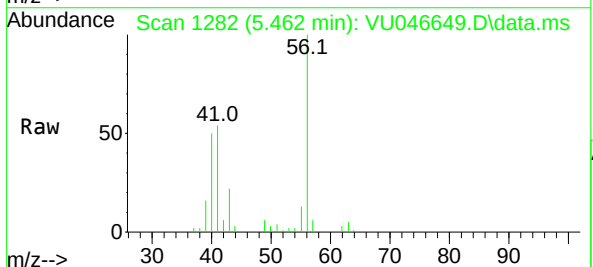
RT: 5.462 min Scan# 1282

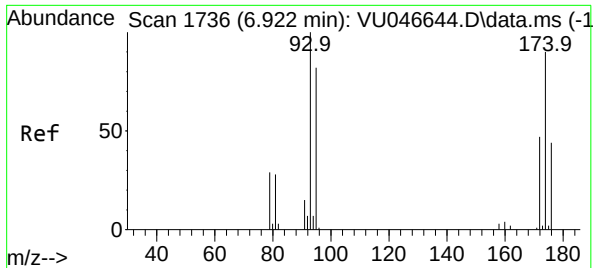
Delta R.T. 0.000 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

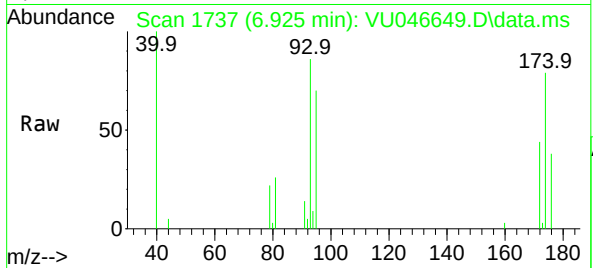
Tgt Ion:	56	Resp:	19620
Ion Ratio	Lower	Upper	
56	100		
41	53.7	26.0	78.0





#43
Dibromomethane
Concen: 1.899 ug/l
RT: 6.925 min Scan# 1737
Delta R.T. 0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

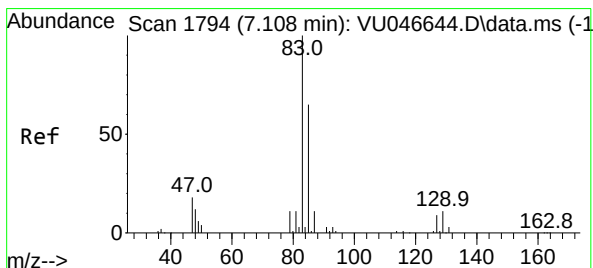
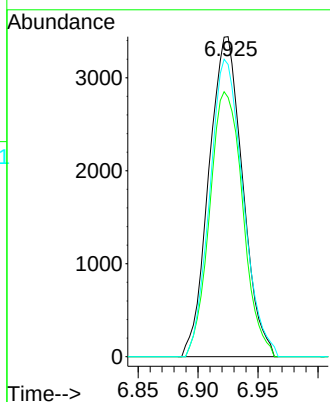
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



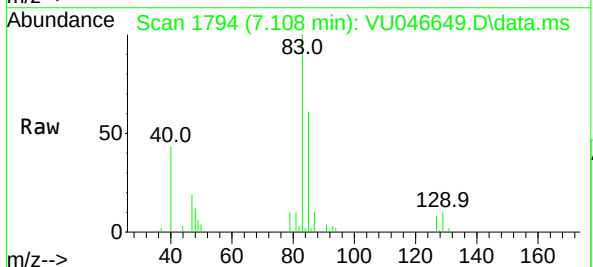
Tgt Ion: 93 Resp: 6728
Ion Ratio Lower Upper
93 100
95 81.5 66.2 99.2
174 91.6 70.7 106.1

Manual Integrations
APPROVED

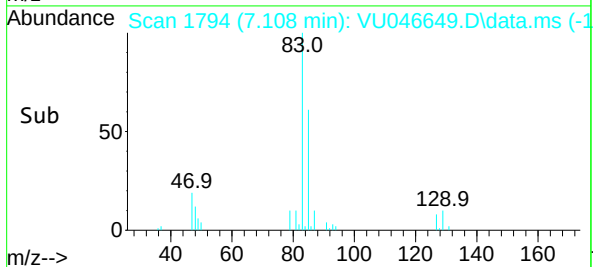
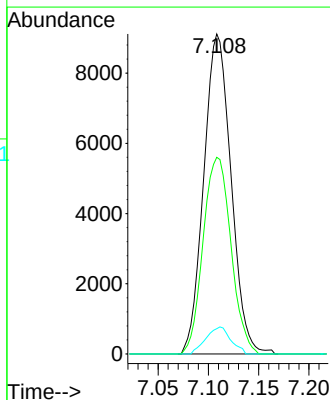
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

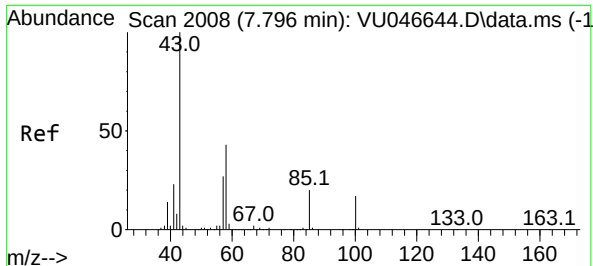


#44
Bromodichloromethane
Concen: 1.952 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23



Tgt Ion: 83 Resp: 17210
Ion Ratio Lower Upper
83 100
85 61.4 50.9 76.3
127 7.9 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 8.607 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBSD01

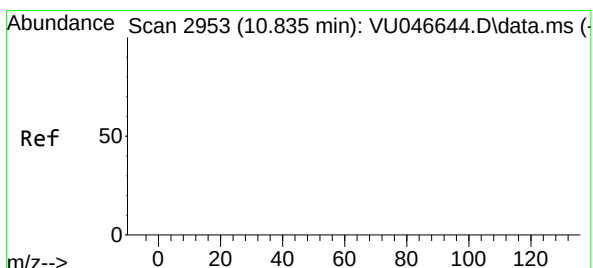
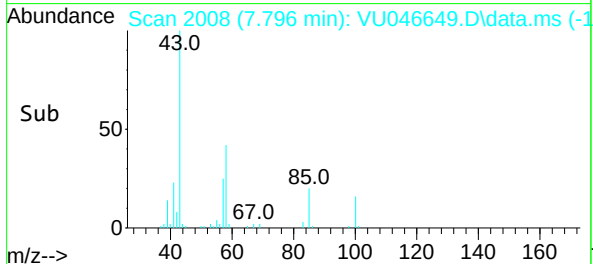
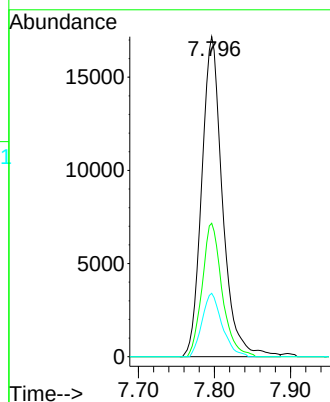
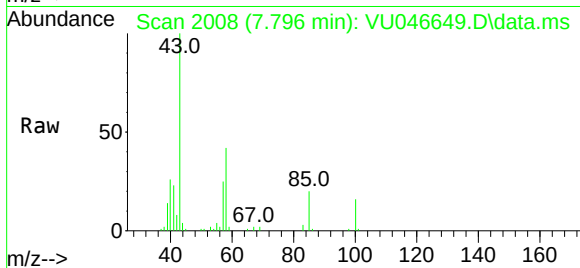
Tgt Ion: 43 Resp: 32608

Ion	Ratio	Lower	Upper
43	100		
58	40.0	21.0	63.0
85	19.1	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: 3.818 ug/l m

RT: 10.832 min Scan# 2952

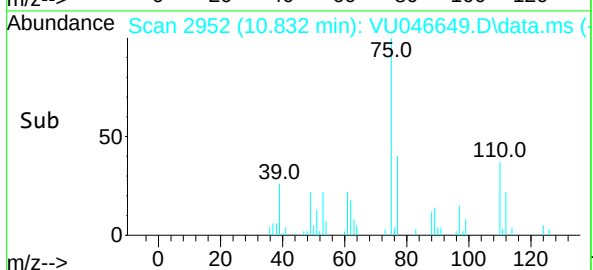
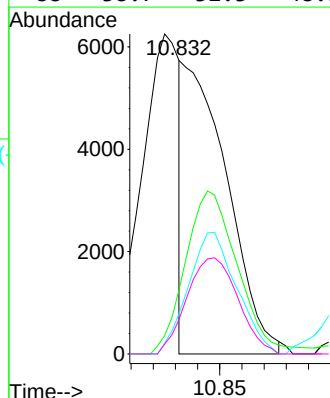
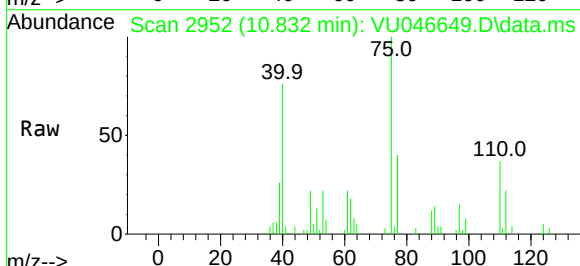
Delta R.T. -0.003 min

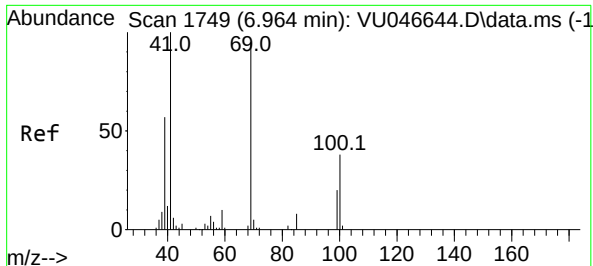
Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Tgt Ion: 75 Resp: 7795

Ion	Ratio	Lower	Upper
75	100		
53	67.3	66.8	100.2
89	46.0	41.7	62.5
88	38.7	32.3	48.5





#47

Methyl methacrylate

Concen: 3.560 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU046649.D

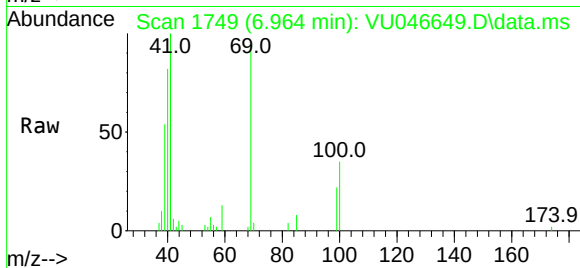
Acq: 30 Dec 2021 15:23

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBSD01



Tgt Ion: 69 Resp: 1025

Ion Ratio Lower Upper

69 100

41 106.5 0.0 230.0

39 63.1 55.1 82.7

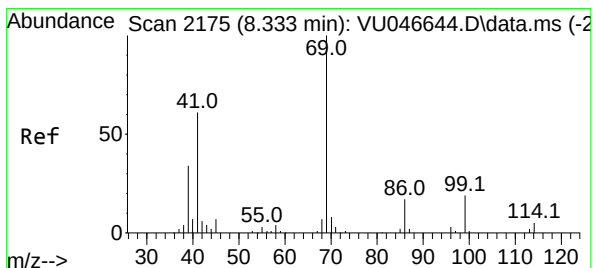
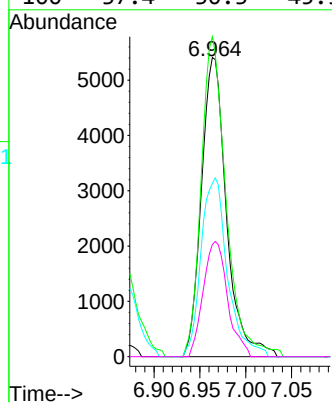
100 37.4 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#48

Ethyl methacrylate

Concen: 1.711 ug/l

RT: 8.336 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU046649.D

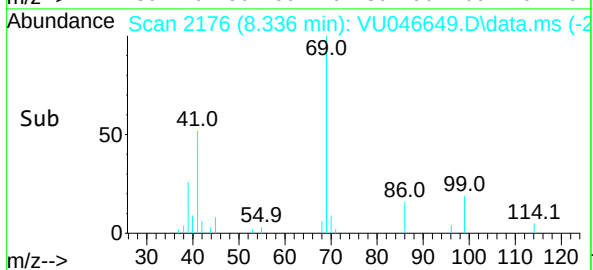
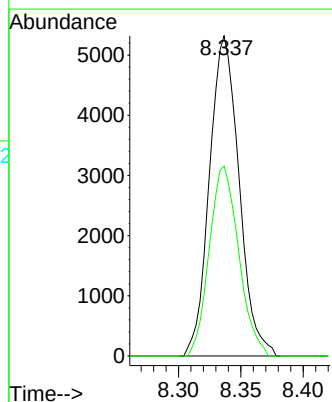
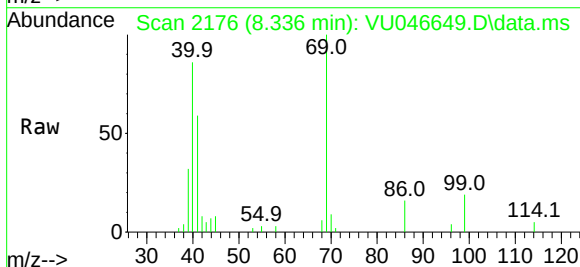
Acq: 30 Dec 2021 15:23

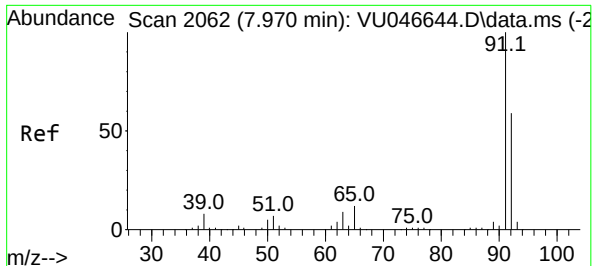
Tgt Ion: 69 Resp: 8790

Ion Ratio Lower Upper

69 100

41 58.9 32.6 98.0





#49

Toluene

Concen: 1.810 ug/l

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBSD01

Tgt Ion: 92 Resp: 23940

Ion Ratio Lower Upper

92 100

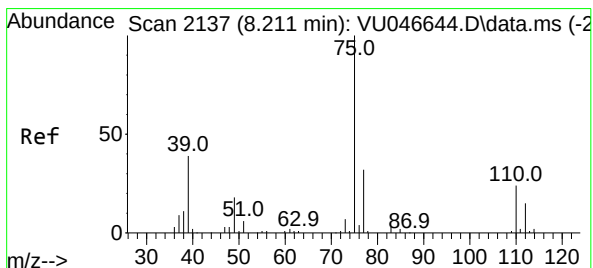
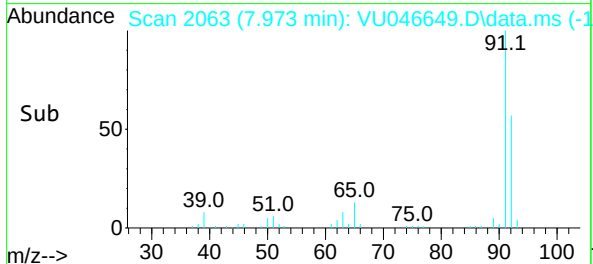
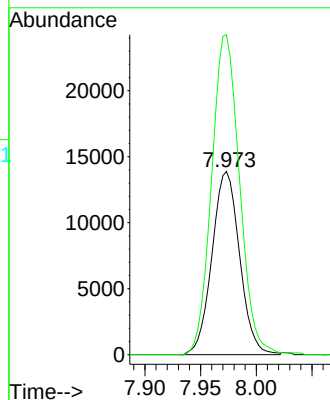
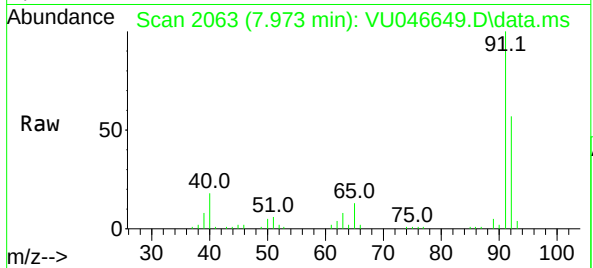
91 177.1 136.8 205.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#50

t-1,3-Dichloropropene

Concen: 1.855 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046649.D

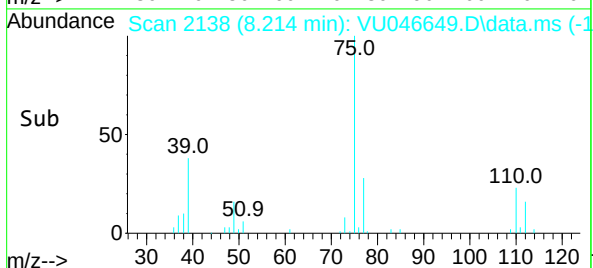
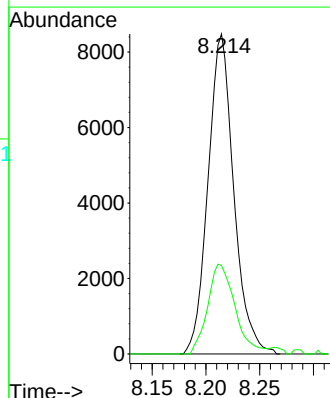
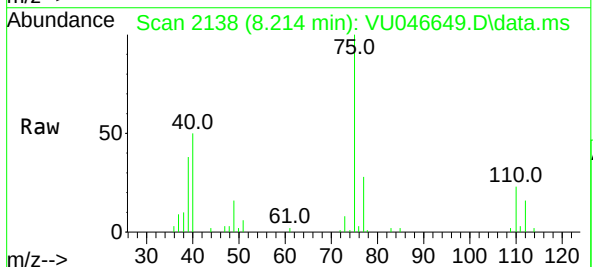
Acq: 30 Dec 2021 15:23

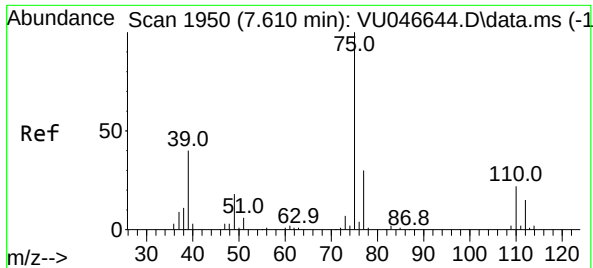
Tgt Ion: 75 Resp: 14091

Ion Ratio Lower Upper

75 100

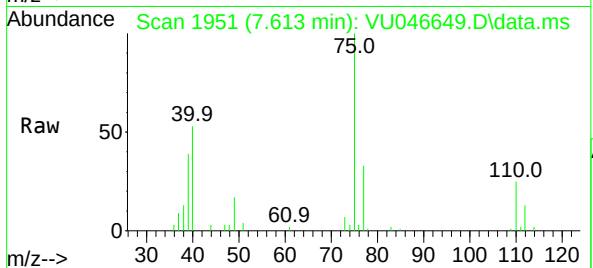
77 27.6 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 1.805 ug/l
RT: 7.613 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

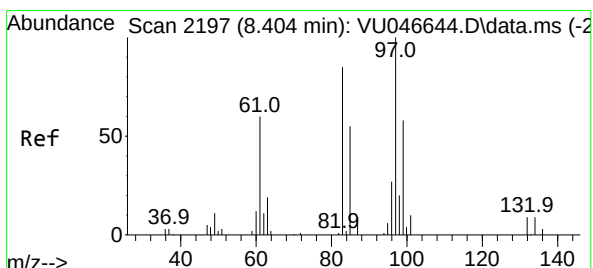
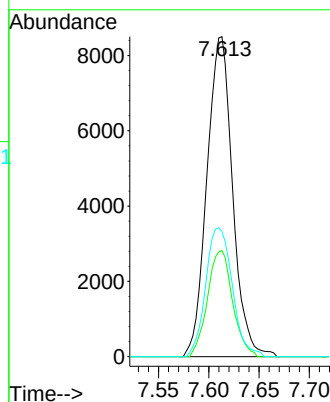
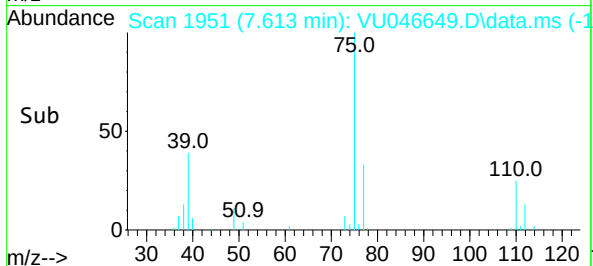
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



Tgt Ion: 75 Resp: 1509
Ion Ratio Lower Upper
75 100
77 33.2 25.2 37.8
39 39.1 38.6 57.8

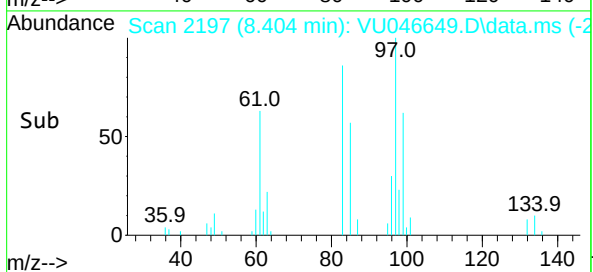
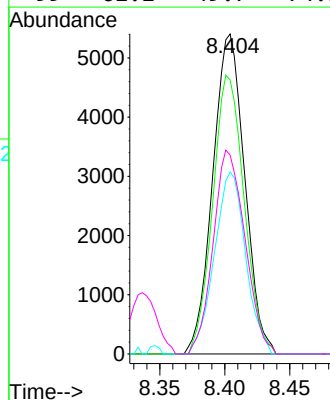
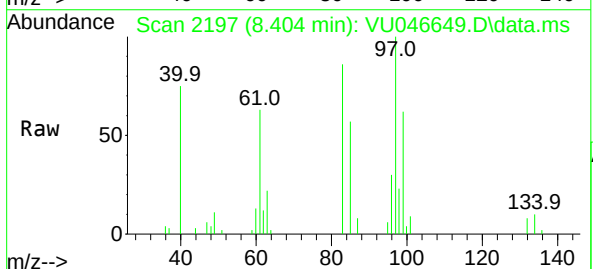
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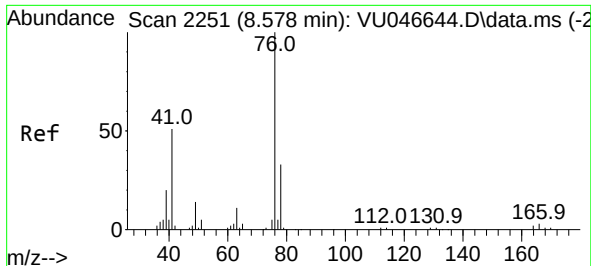
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#52
1,1,2-Trichloroethane
Concen: 1.871 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Tgt Ion: 97 Resp: 9218
Ion Ratio Lower Upper
97 100
83 85.6 69.8 104.8
85 56.9 44.2 66.4
99 62.2 49.7 74.5





#53

1,3-Dichloropropane

Concen: 1.844 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Instrument :

MSVOA_U

ClientSampleId :

VU1230WBSD01

Tgt Ion: 76 Resp: 15514

Ion Ratio Lower Upper

76 100

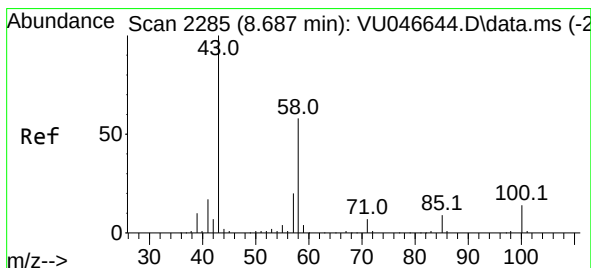
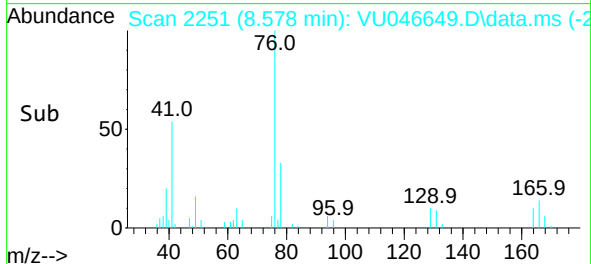
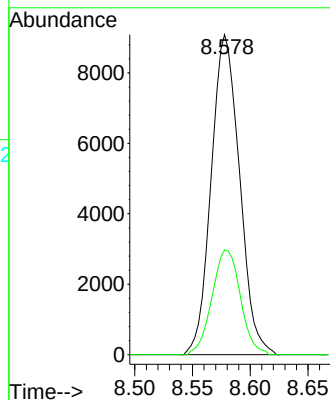
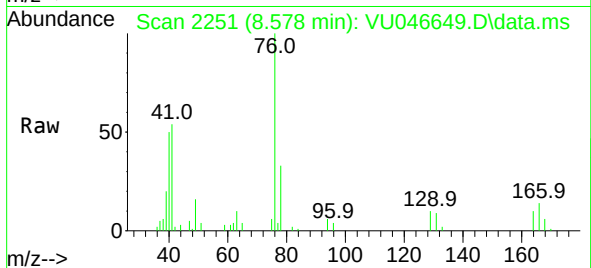
78 32.8 25.4 38.2

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Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#54

2-Hexanone

Concen: 8.607 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

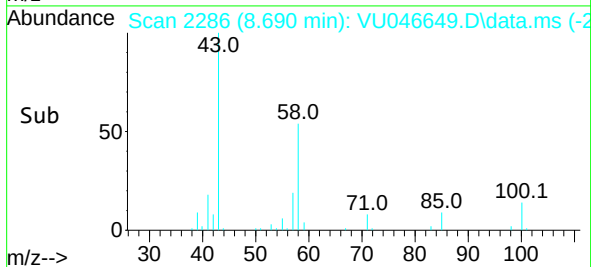
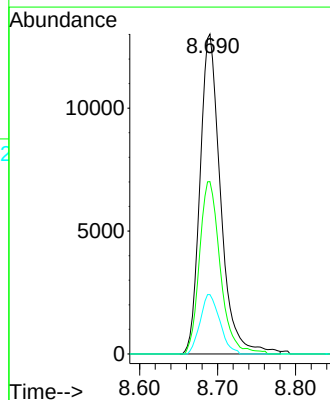
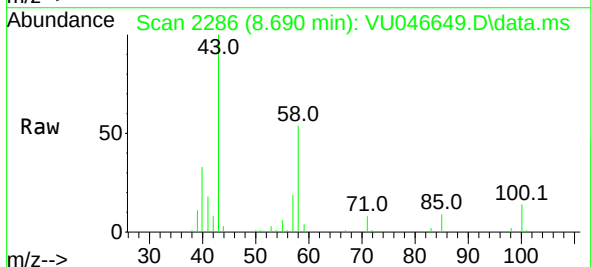
Tgt Ion: 43 Resp: 23828

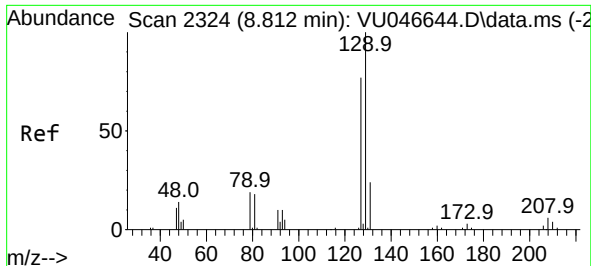
Ion Ratio Lower Upper

43 100

58 54.6 37.7 77.7

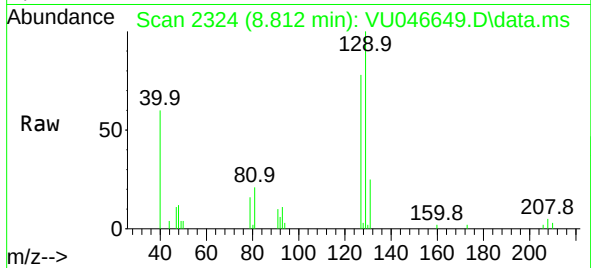
57 17.7 0.5 40.5





#55
Dibromochloromethane
Concen: 1.905 ug/l
RT: 8.812 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

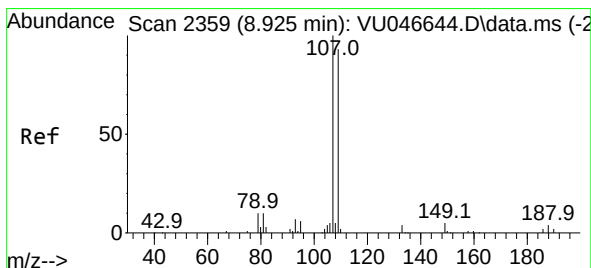
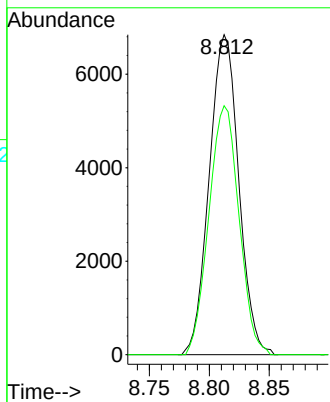
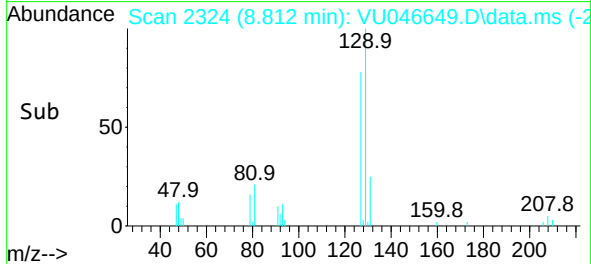
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



Tgt Ion:129 Resp: 11730
Ion Ratio Lower Upper
129 100
127 79.3 62.2 93.4

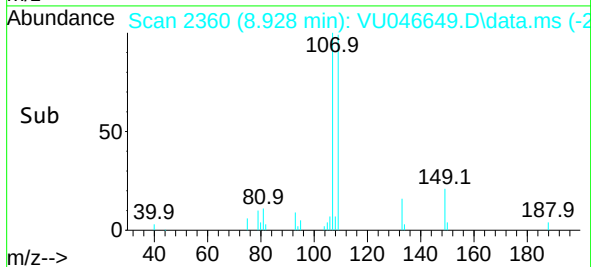
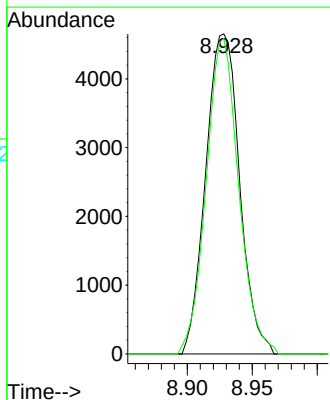
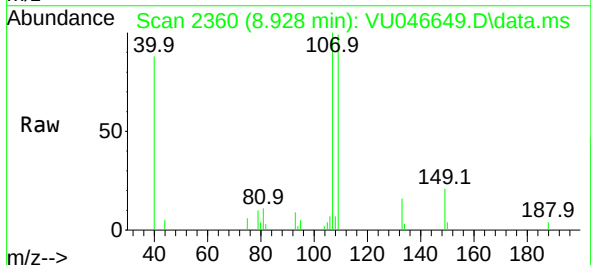
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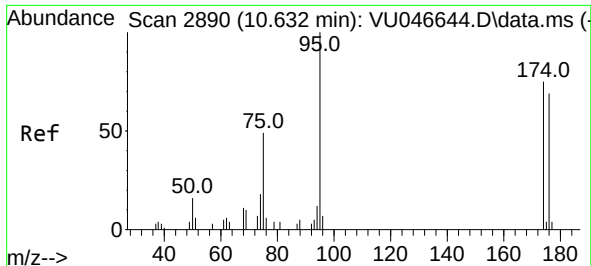
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#56
1,2-Dibromoethane
Concen: 1.801 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

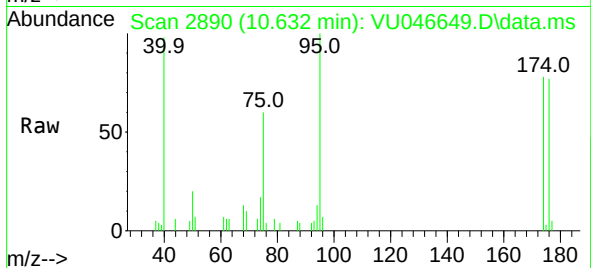
Tgt Ion:107 Resp: 8448
Ion Ratio Lower Upper
107 100
109 94.5 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 0.946 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

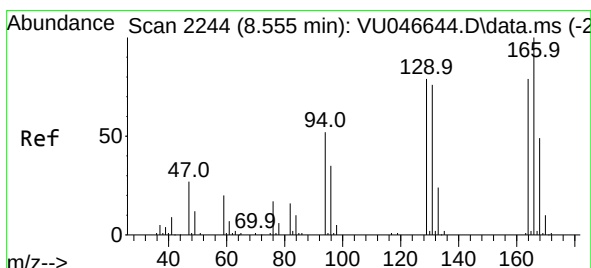
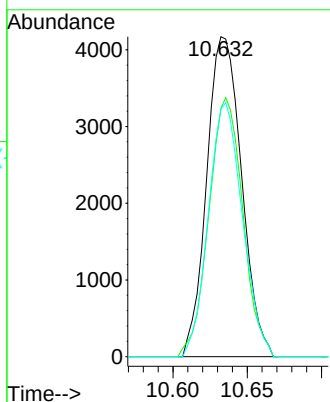
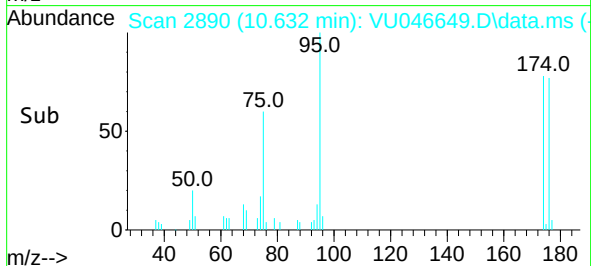
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



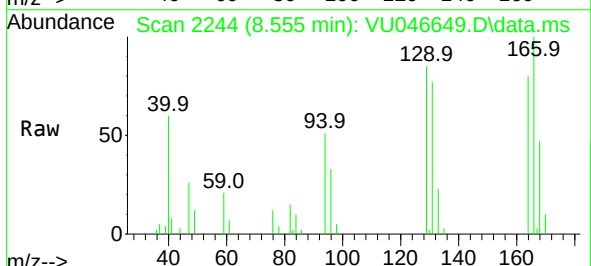
Tgt Ion: 95 Resp: 680
Ion Ratio Lower Upper
95 100
174 78.8 56.6 84.8
176 77.6 54.3 81.5

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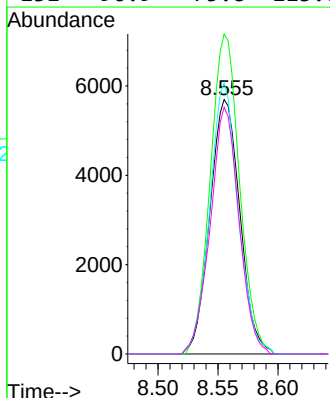
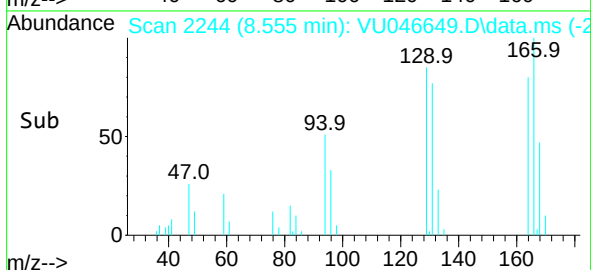
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

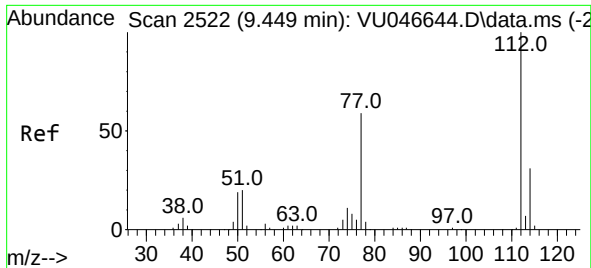


#58
Tetrachloroethene
Concen: 1.942 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23



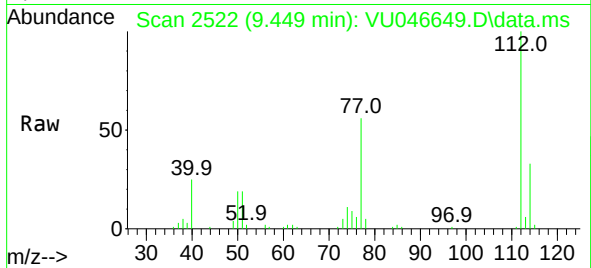
Tgt Ion:164 Resp: 9915
Ion Ratio Lower Upper
164 100
166 125.8 102.0 153.0
129 106.6 77.1 115.7
131 96.9 75.8 113.6





#59
Chlorobenzene
Concen: 1.855 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

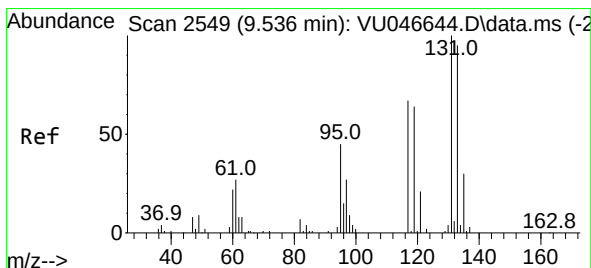
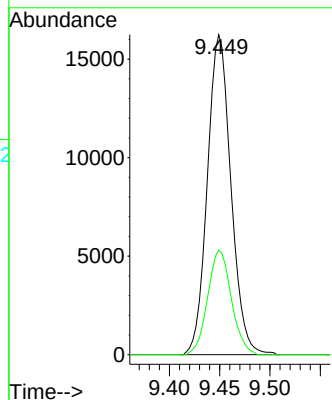
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



Tgt Ion:112 Resp: 2648
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0

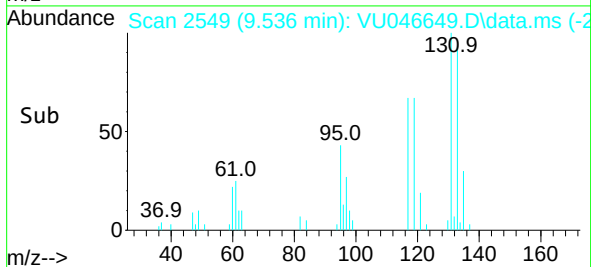
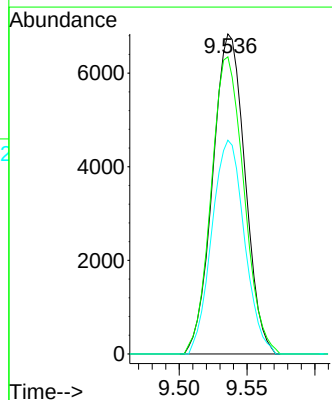
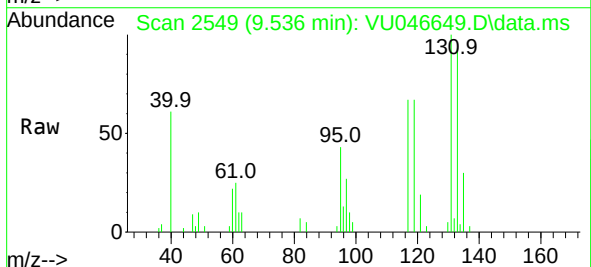
Manual Integrations
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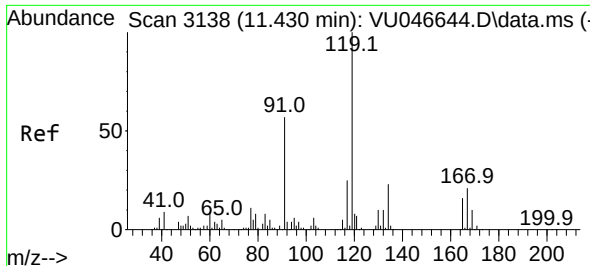
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 1.892 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

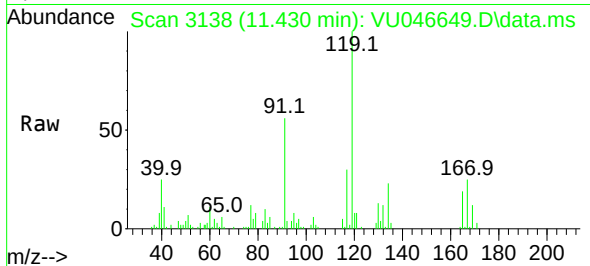
Tgt Ion:131 Resp: 11345
Ion Ratio Lower Upper
131 100
133 94.1 76.0 114.0
119 67.3 54.9 82.3





#61
Pentachloroethane
Concen: 1.811 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

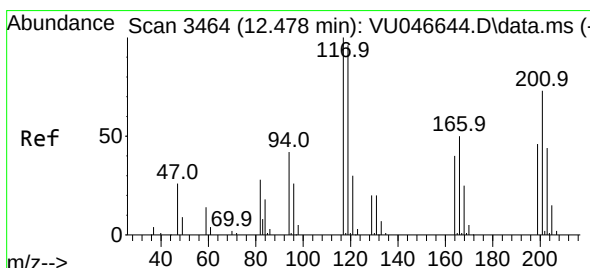
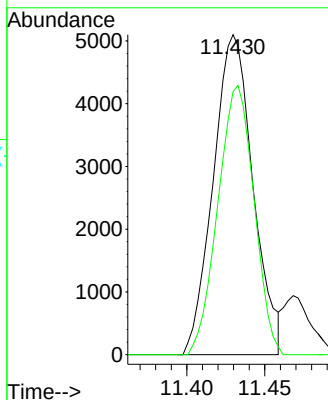
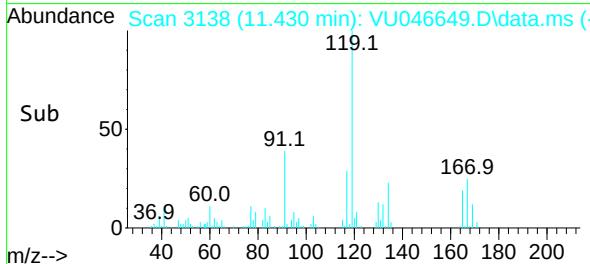
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



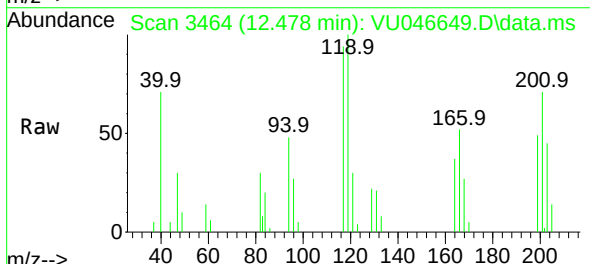
Tgt Ion:117 Resp: 9052
Ion Ratio Lower Upper
117 100
167 76.4 59.7 89.5

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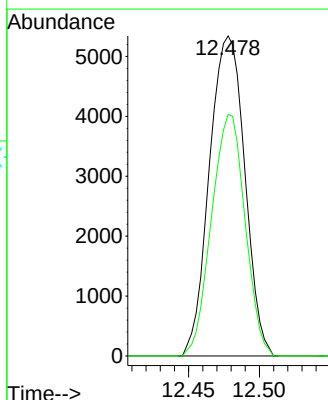
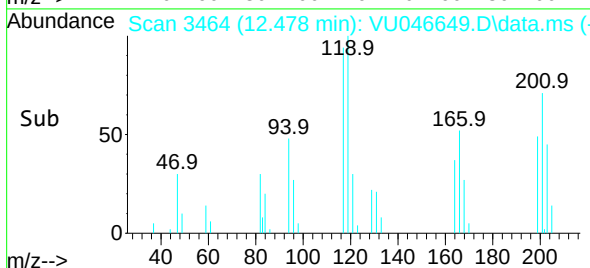
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

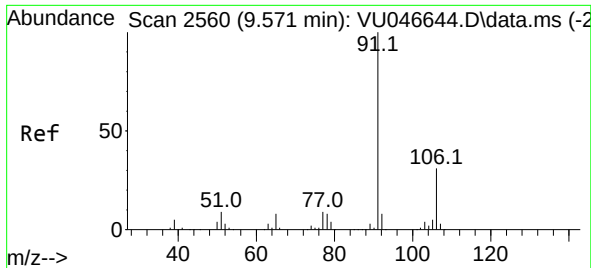


#62
Hexachloroethane
Concen: 1.850 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23



Tgt Ion:117 Resp: 9274
Ion Ratio Lower Upper
117 100
201 71.5 53.6 80.4





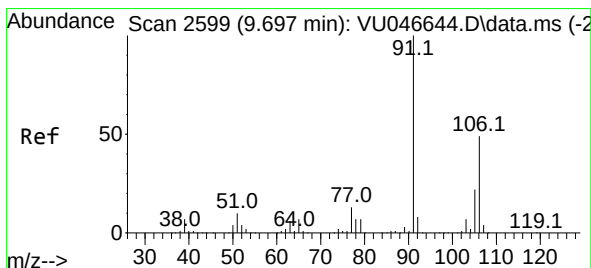
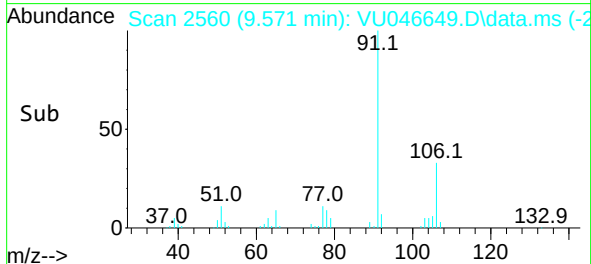
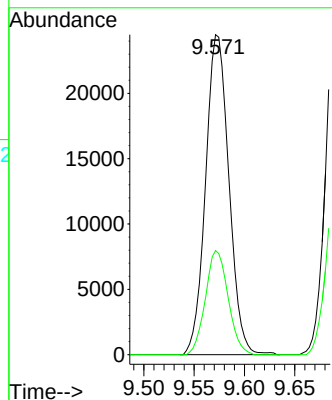
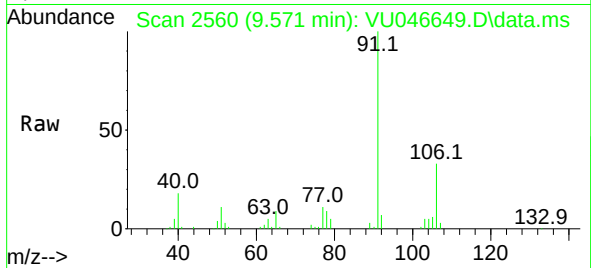
#63
Ethyl Benzene
Concen: 1.686 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01

Tgt Ion: 91 Resp: 39494
Ion Ratio Lower Upper
91 100
106 32.6 24.4 36.6

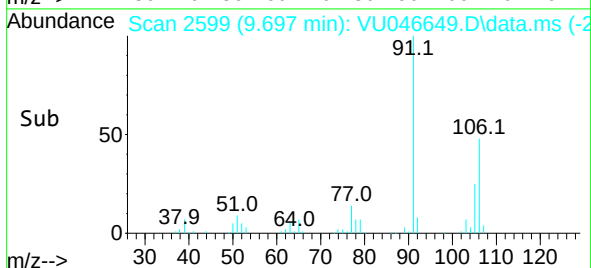
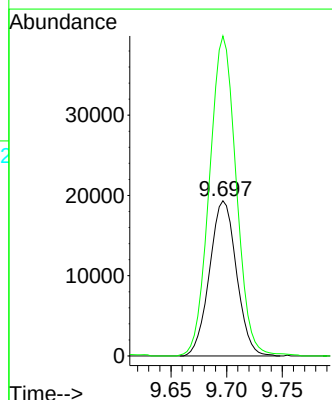
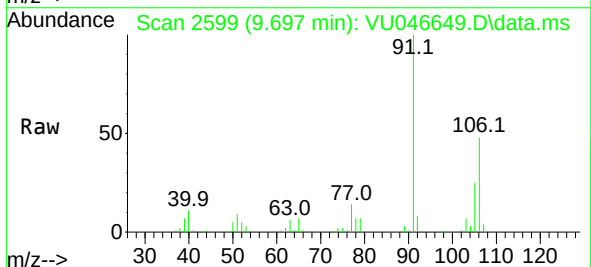
Manual Integrations
APPROVED

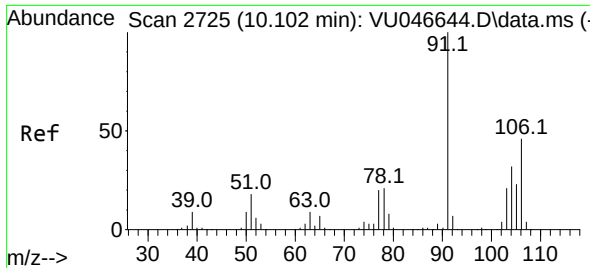
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#64
m/p-Xylenes
Concen: 3.491 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Tgt Ion:106 Resp: 32475
Ion Ratio Lower Upper
106 100
91 205.7 165.5 248.3





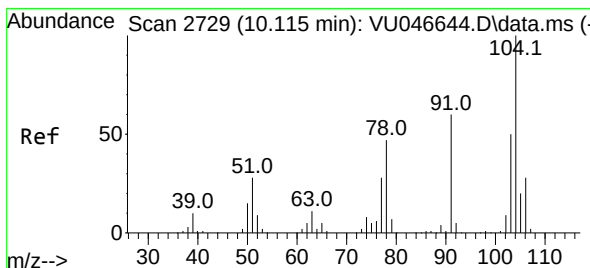
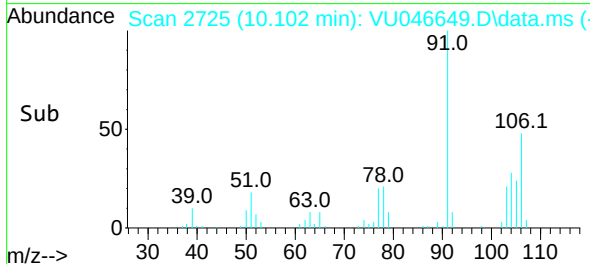
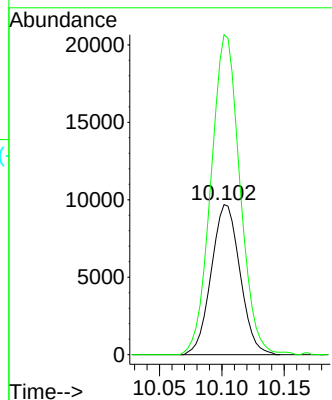
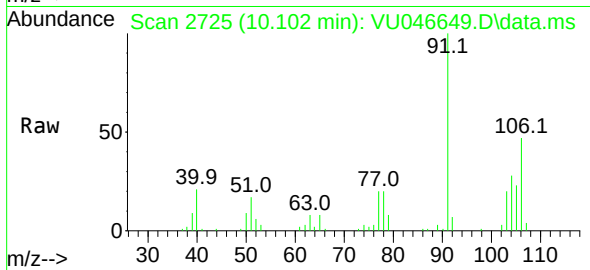
#65
o-Xylene
Concen: 1.767 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01

Tgt Ion:106 Resp: 15549
Ion Ratio Lower Upper
106 100
91 215.2 109.4 328.2

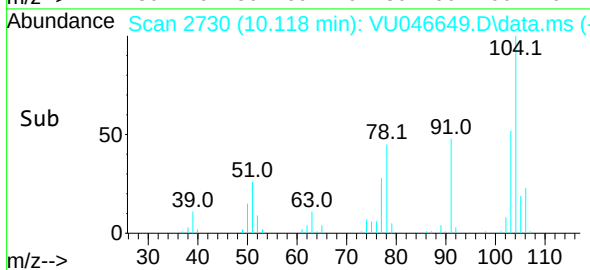
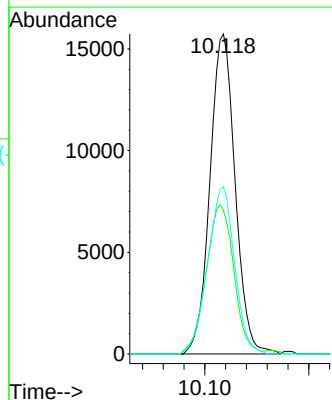
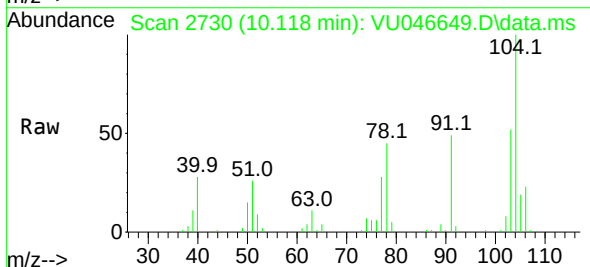
Manual Integrations
APPROVED

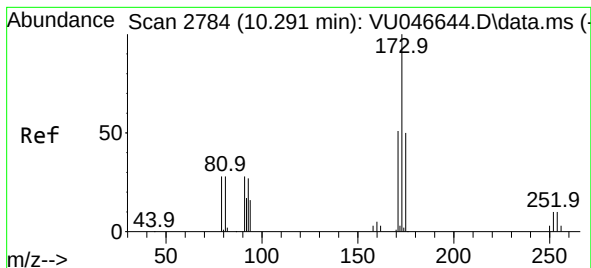
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#66
Styrene
Concen: 1.725 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Tgt Ion:104 Resp: 26516
Ion Ratio Lower Upper
104 100
78 51.4 42.4 63.6
103 55.5 44.2 66.4





#67

Bromoform

Concen: 1.868 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

Instrument :

MSVOA_U

ClientSampleId :

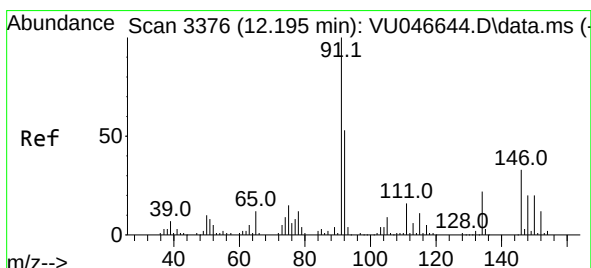
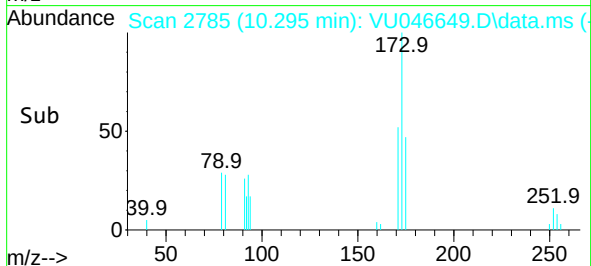
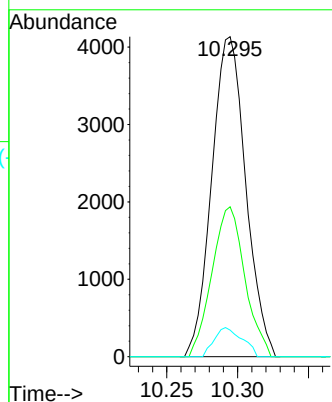
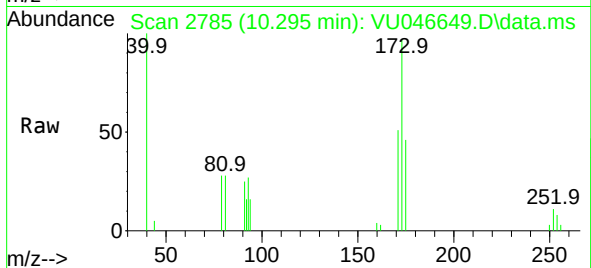
VU1230WBSD01

Tgt Ion:173	Resp:	690
Ion Ratio	Lower	Upper
173	100	
175	45.3	39.0 58.4
254	7.5	5.5 8.3

Manual Integrations

APPROVED

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



#68

1,2-Dichlorobenzene-d4

Concen: 0.991 ug/l

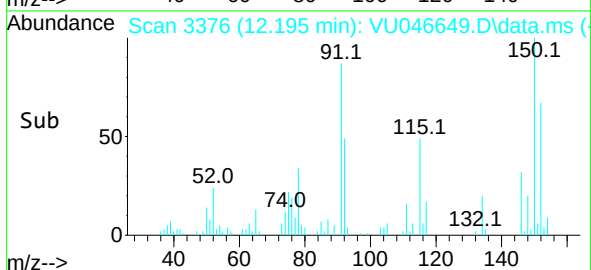
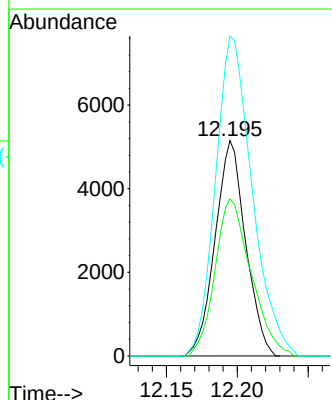
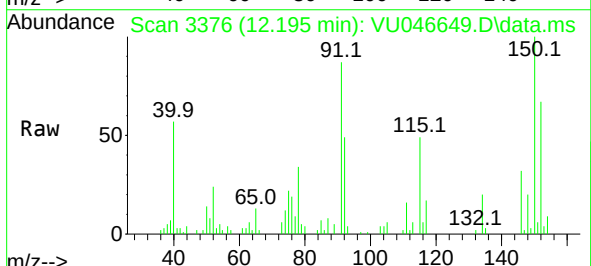
RT: 12.195 min Scan# 3376

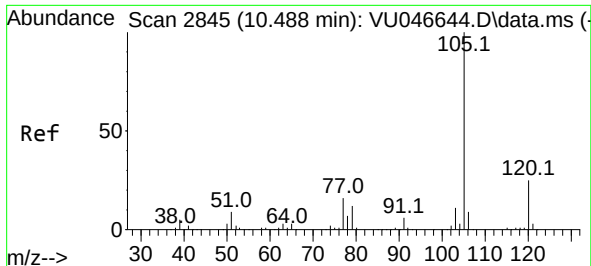
Delta R.T. -0.000 min

Lab File: VU046649.D

Acq: 30 Dec 2021 15:23

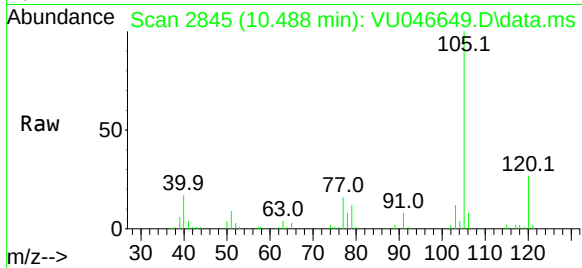
Tgt Ion:152	Resp:	7708
Ion Ratio	Lower	Upper
152	100	
115	86.0	0.0 251.0
150	178.6	0.0 613.8





#69
Isopropylbenzene
Concen: 1.749 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

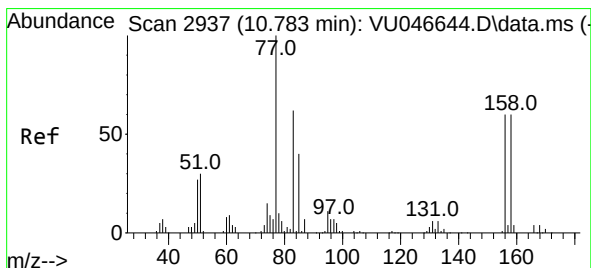
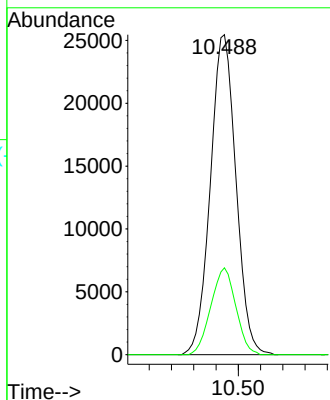
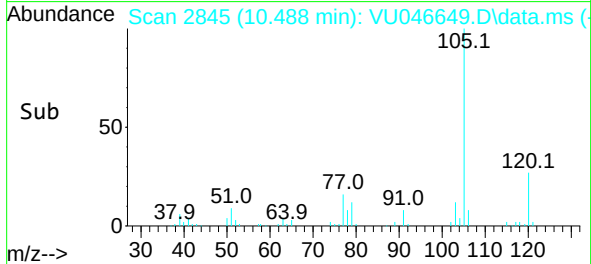
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



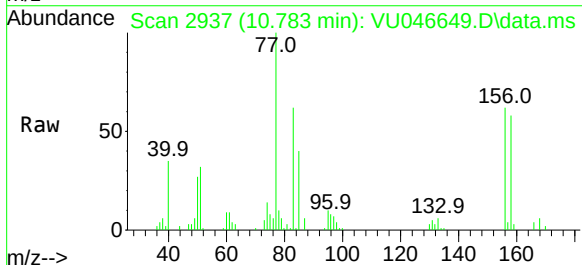
Tgt Ion:105 Resp: 4054
Ion Ratio Lower Upper
105 100
120 26.5 12.8 38.4

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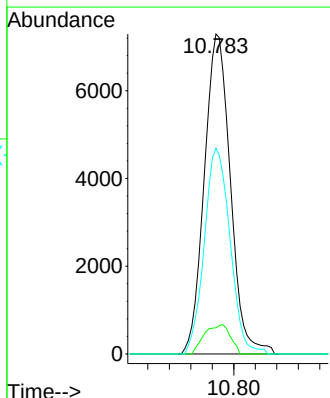
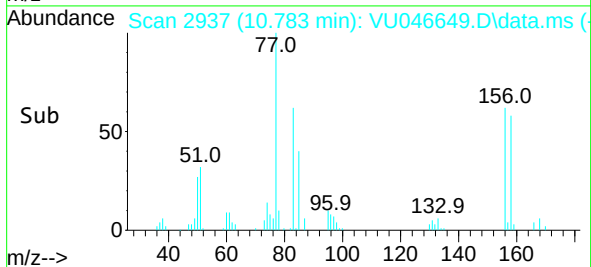
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

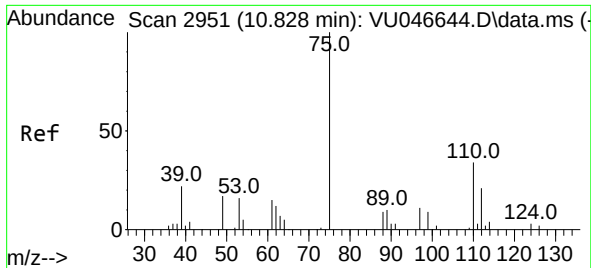


#70
1,1,2,2-Tetrachloroethane
Concen: 1.864 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23



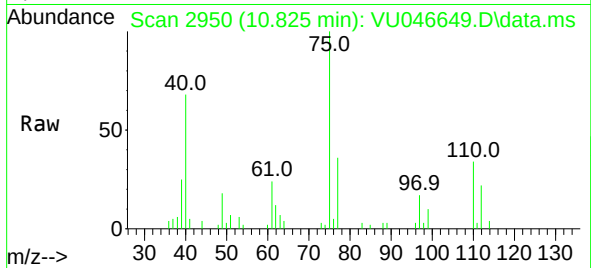
Tgt Ion: 83 Resp: 12295
Ion Ratio Lower Upper
83 100
131 9.1 7.6 11.4
85 63.4 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 1.537 ug/l m
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

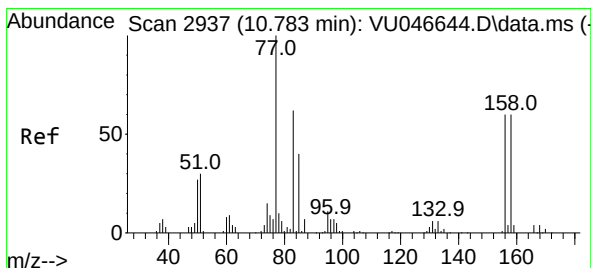
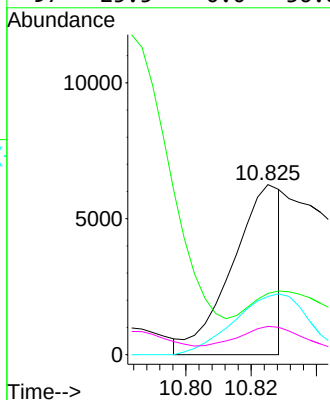
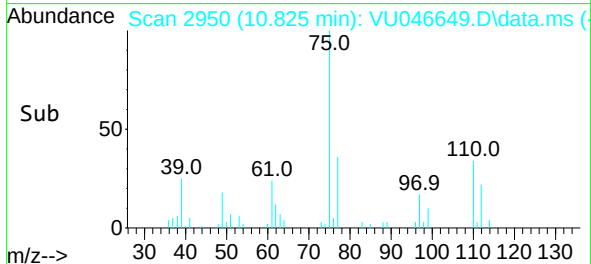
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



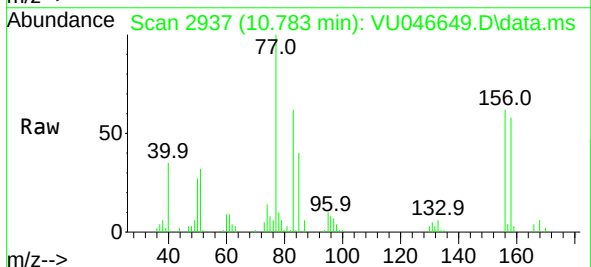
Tgt Ion: 75 Resp: 6478
Ion Ratio Lower Upper
75 100
77 77.8 0.0 105.6
110 55.2 0.0 71.2
97 25.5 0.0 36.8

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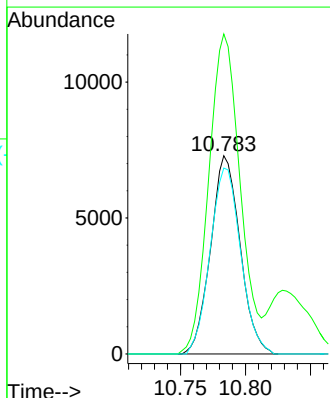
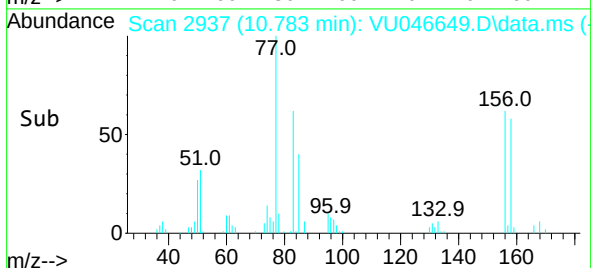
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

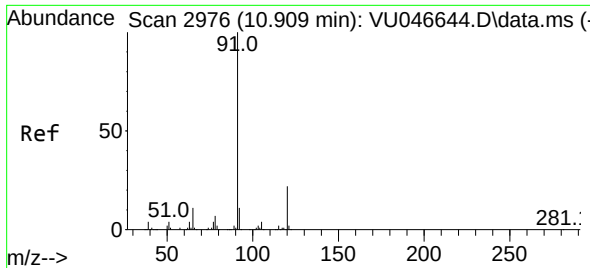


#72
Bromobenzene
Concen: 1.864 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23



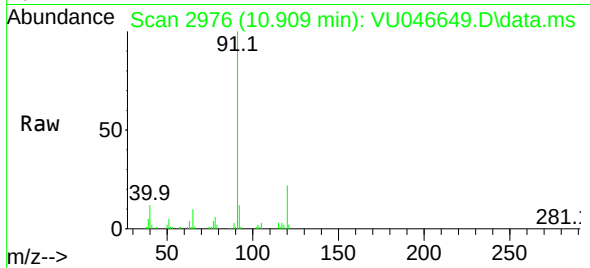
Tgt Ion:156 Resp: 11482
Ion Ratio Lower Upper
156 100
77 171.3 0.0 370.6
158 97.2 0.0 193.4





#73
n-propylbenzene
Concen: 1.698 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

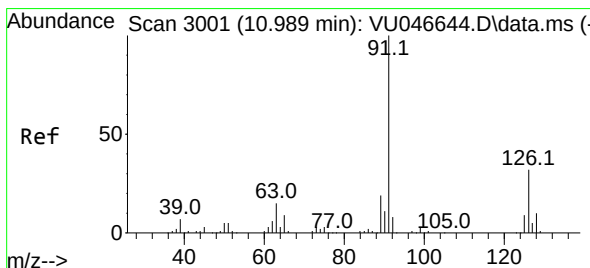
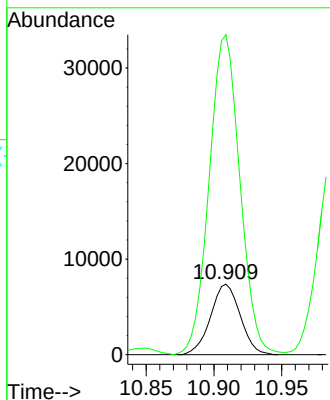
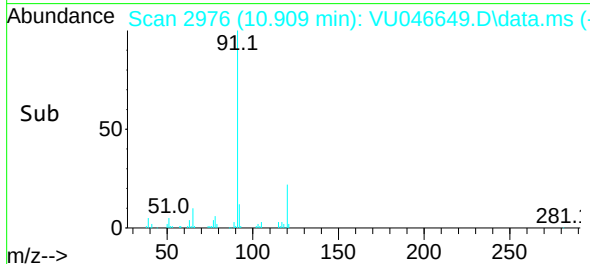
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



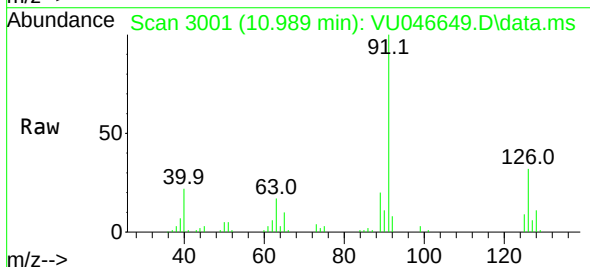
Tgt Ion:120 Resp: 11230
Ion Ratio Lower Upper
120 100
91 469.9 370.7 556.1

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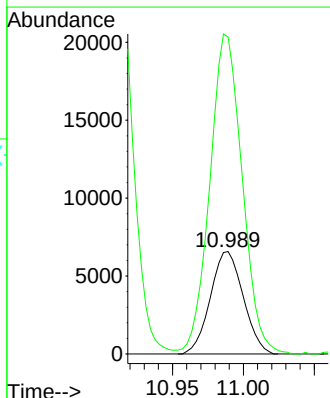
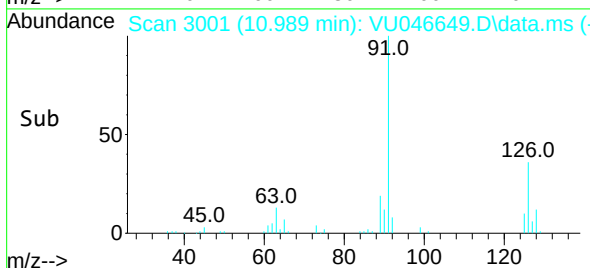
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

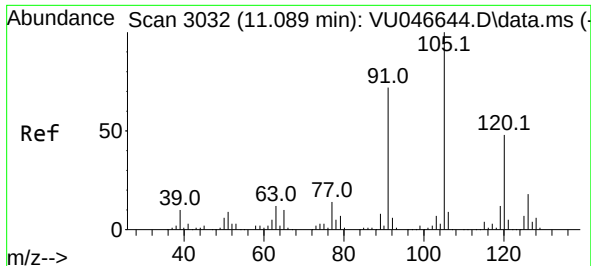


#74
2-Chlorotoluene
Concen: 1.855 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23



Tgt Ion:126 Resp: 10606
Ion Ratio Lower Upper
126 100
91 308.1 0.0 639.6





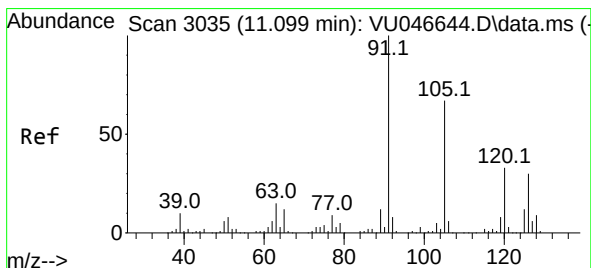
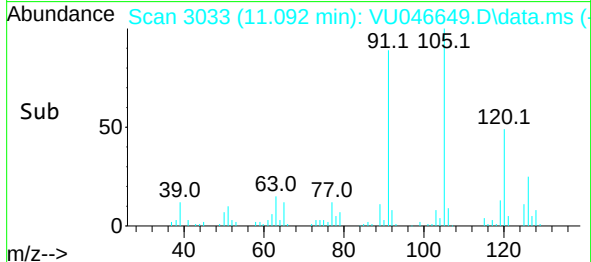
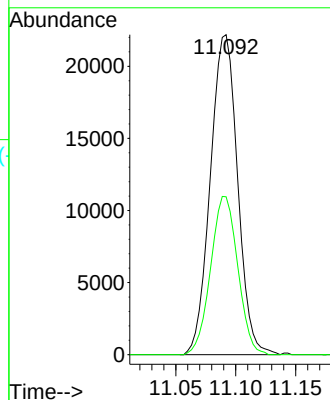
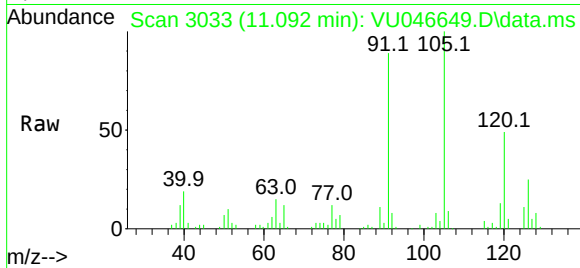
#75
1,3,5-Trimethylbenzene
Concen: 1.865 ug/l
RT: 11.092 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01

Tgt Ion:105 Resp: 3510
Ion Ratio Lower Upper
105 100
120 49.1 38.6 58.0

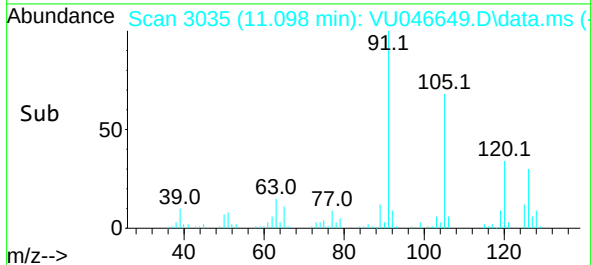
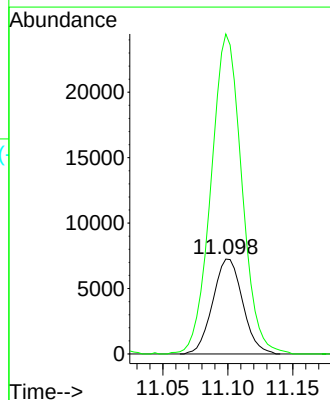
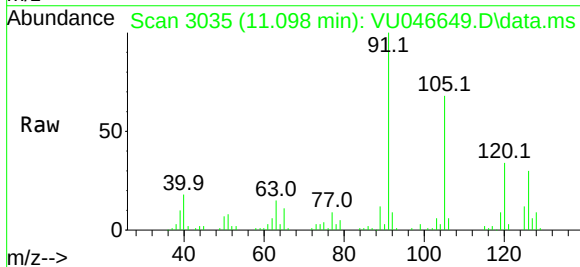
Manual Integrations
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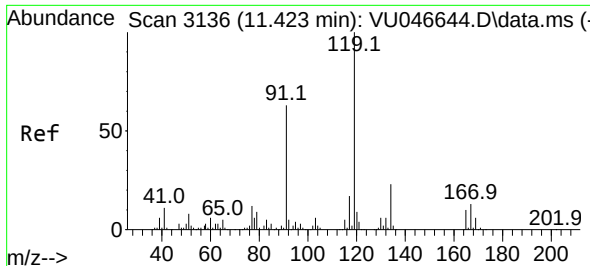
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#76
4-Chlorotoluene
Concen: 1.909 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.001 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

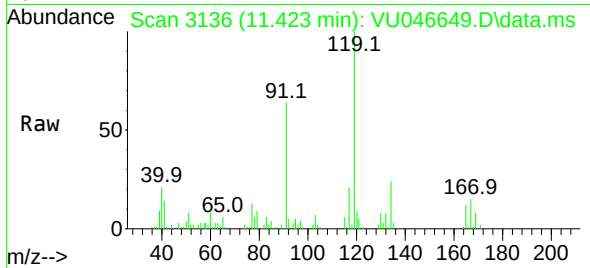
Tgt Ion:126 Resp: 11595
Ion Ratio Lower Upper
126 100
91 347.0 0.0 728.0





#77
tert-Butylbenzene
Concen: 1.784 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

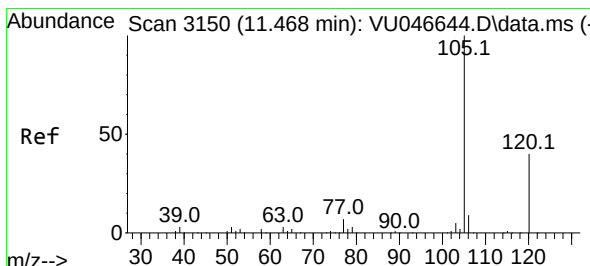
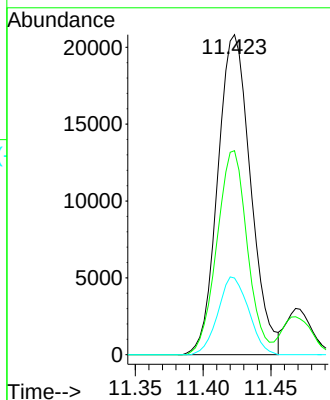
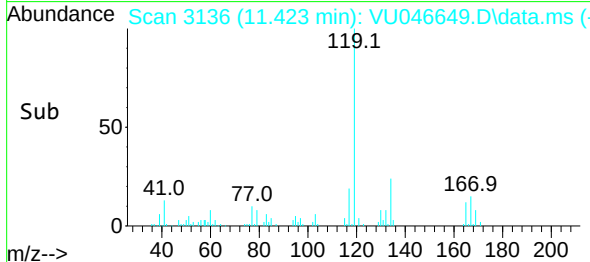
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



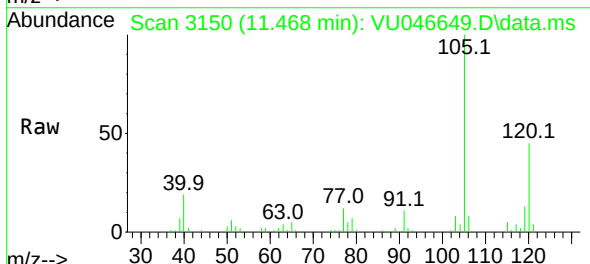
Tgt Ion:119 Resp: 35140
Ion Ratio Lower Upper
119 100
91 58.9 31.4 94.3
134 22.6 18.5 27.7

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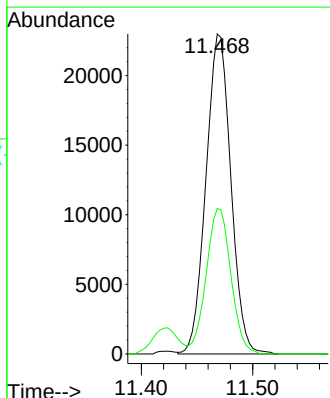
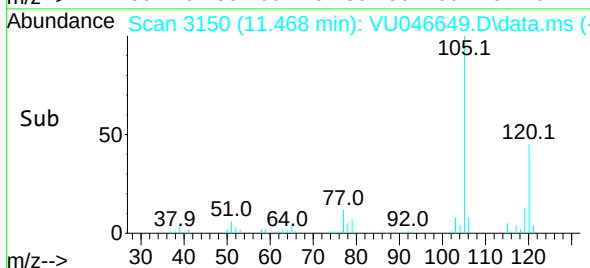
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

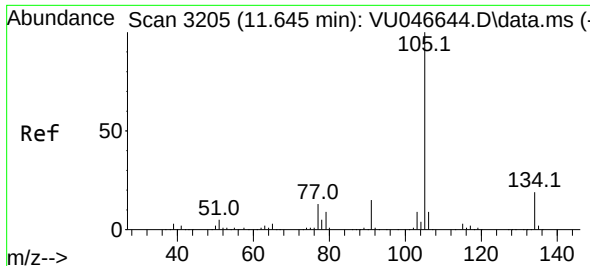


#78
1,2,4-Trimethylbenzene
Concen: 1.855 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23



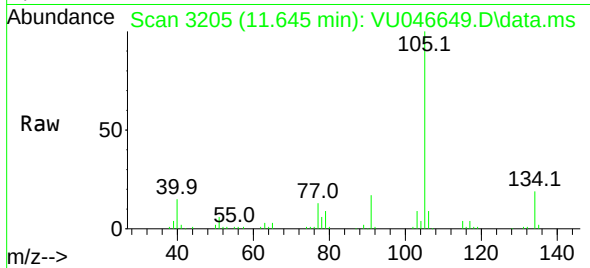
Tgt Ion:105 Resp: 35703
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 1.818 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU046649.D
 Acq: 30 Dec 2021 15:23

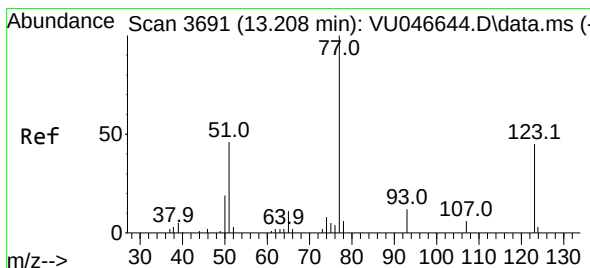
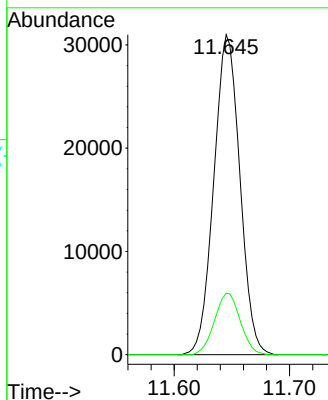
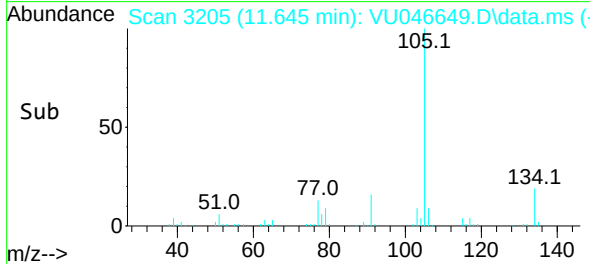
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1230WBSD01



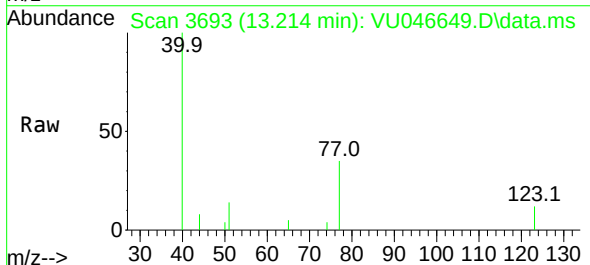
Tgt Ion:105 Resp: 4852
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.4 23.0

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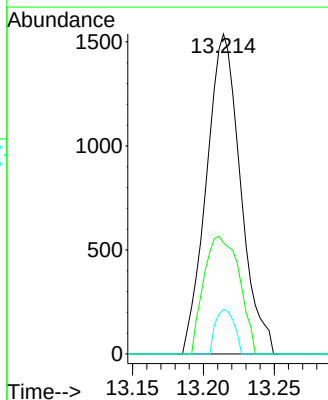
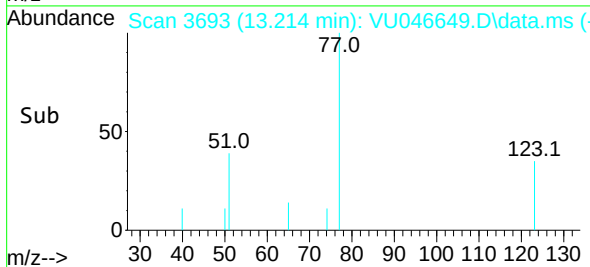
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022

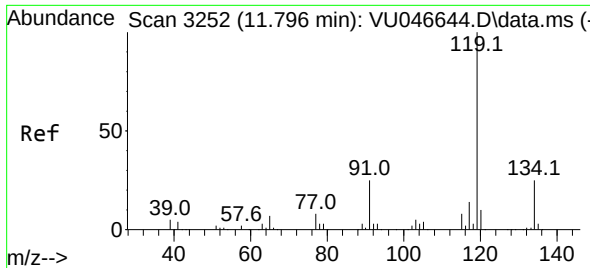


#80
 Nitrobenzene
 Concen: 11.059 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.006 min
 Lab File: VU046649.D
 Acq: 30 Dec 2021 15:23



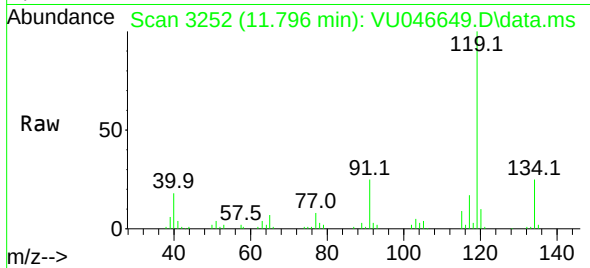
Tgt Ion: 77 Resp: 2574
 Ion Ratio Lower Upper
 77 100
 123 38.2 18.2 64.4
 65 7.7 12.0 15.2#





#81
p-Isopropyltoluene
Concen: 1.857 ug/l
RT: 11.796 min Scan# 3119
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

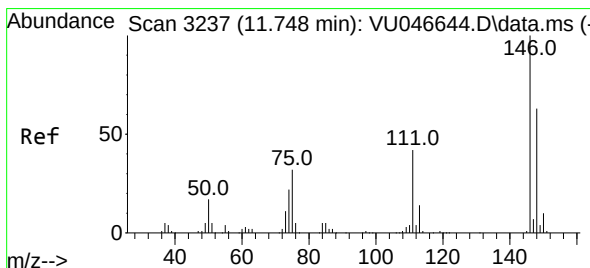
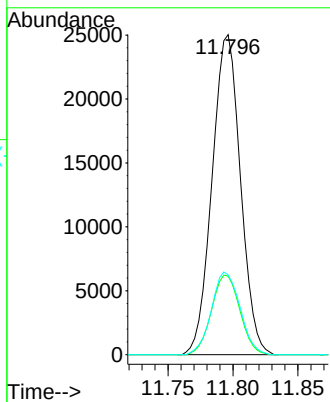
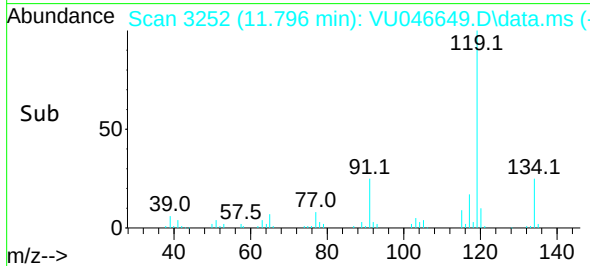
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



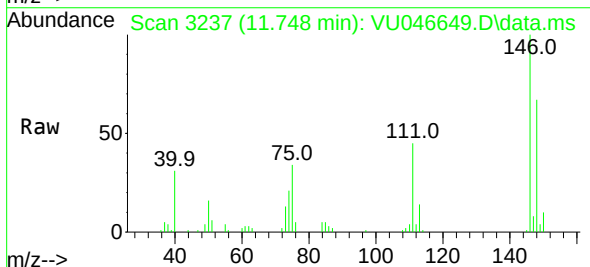
Tgt Ion:119 Resp: 3796
Ion Ratio Lower Upper
119 100
134 24.8 20.2 30.4
91 26.0 19.9 29.9

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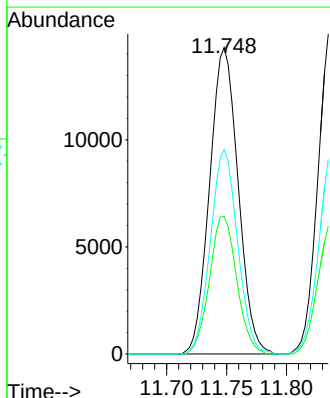
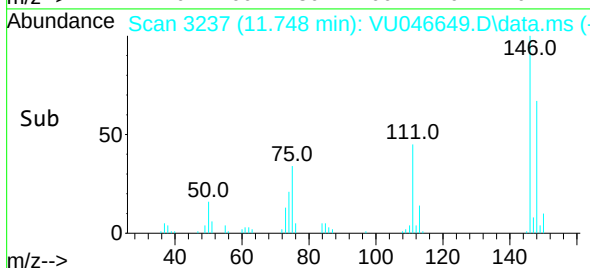
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

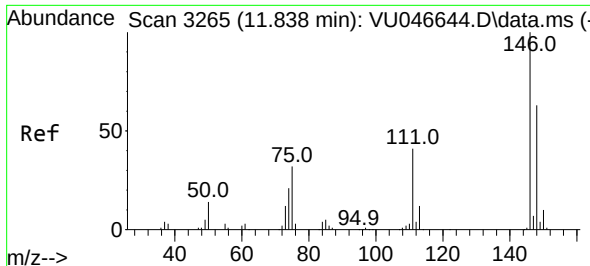


#82
1,3-Dichlorobenzene
Concen: 1.870 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23



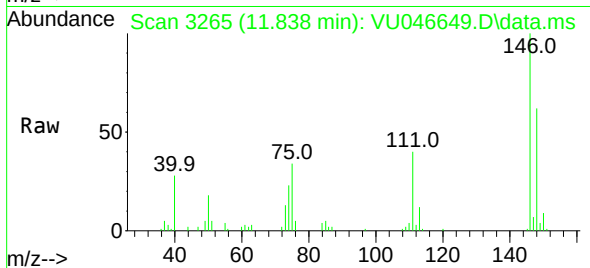
Tgt Ion:146 Resp: 23629
Ion Ratio Lower Upper
146 100
111 42.9 33.9 50.9
148 63.5 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 1.946 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

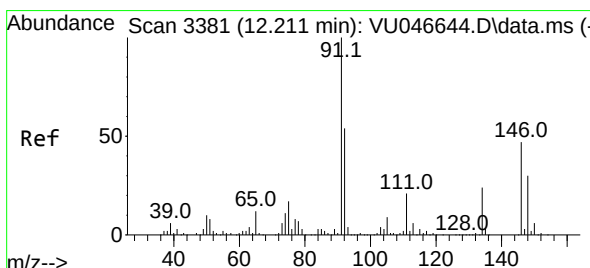
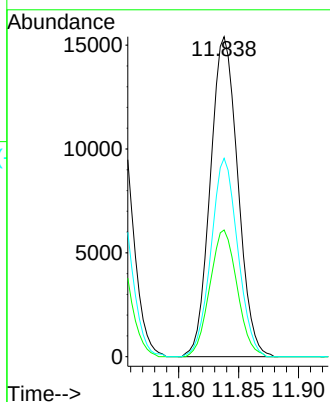
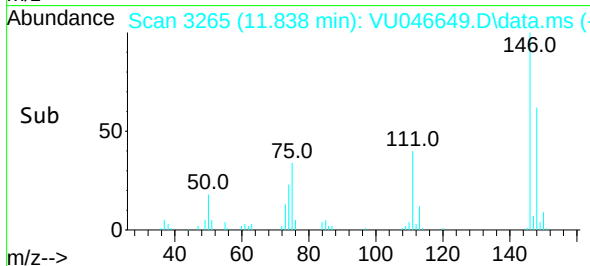
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



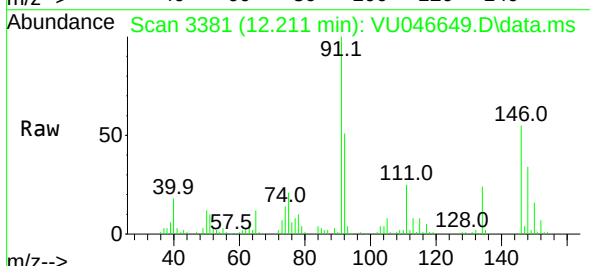
Tgt Ion:146 Resp: 2456
Ion Ratio Lower Upper
146 100
111 39.2 32.7 49.1
148 60.4 51.4 77.0

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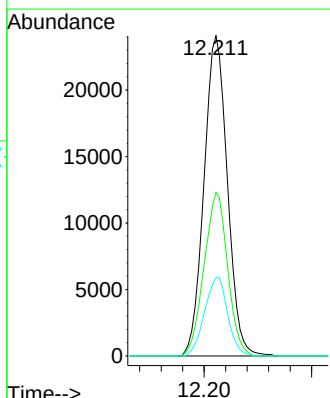
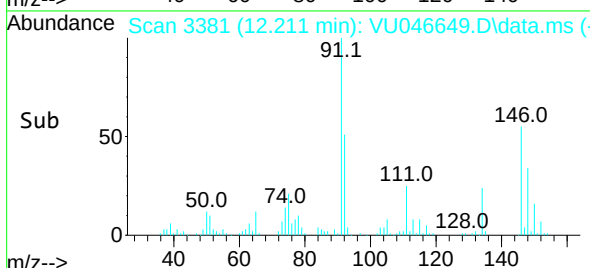
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

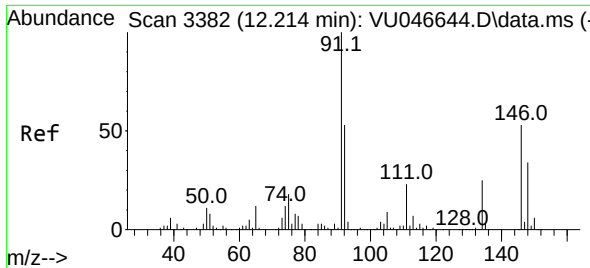


#84
n-Butylbenzene
Concen: 1.727 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23



Tgt Ion: 91 Resp: 36303
Ion Ratio Lower Upper
91 100
92 51.4 43.5 65.3
134 24.2 19.0 28.4





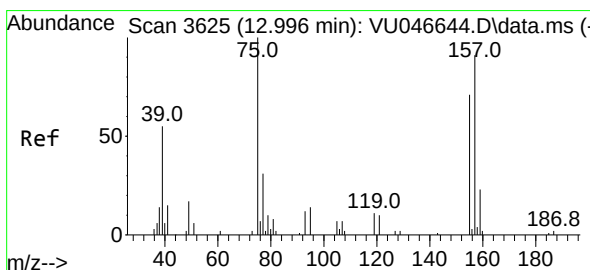
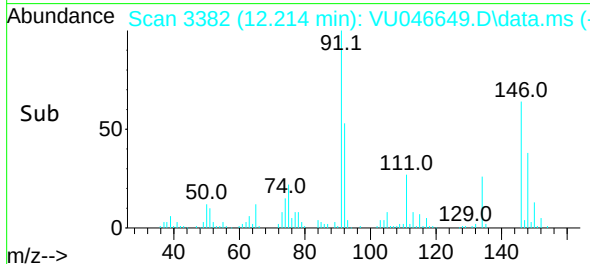
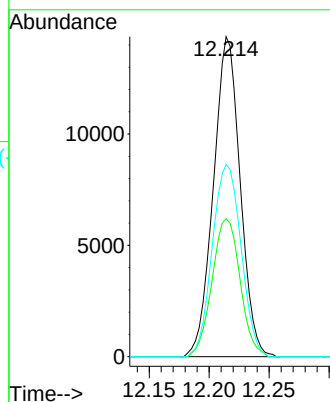
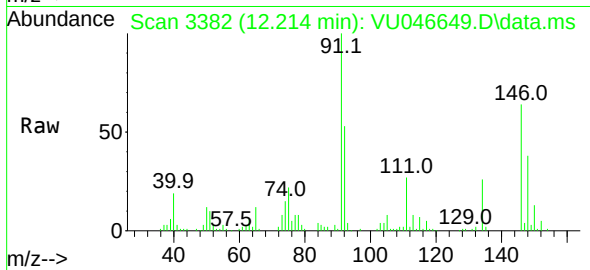
#85
1,2-Dichlorobenzene
Concen: 1.837 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01

Tgt Ion:146 Resp: 2224
Ion Ratio Lower Upper
146 100
111 45.2 22.1 66.1
148 64.7 31.6 94.7

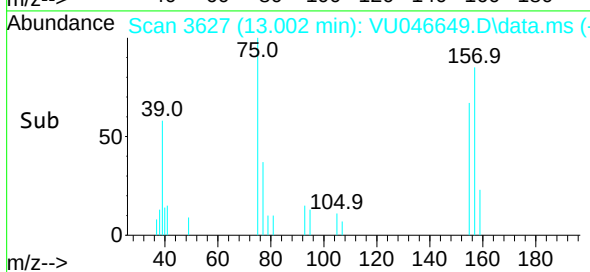
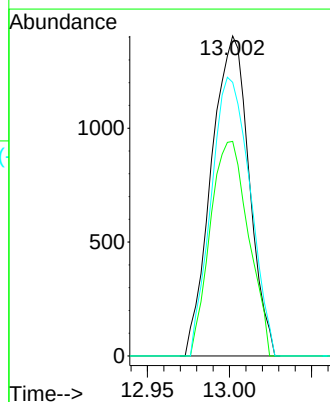
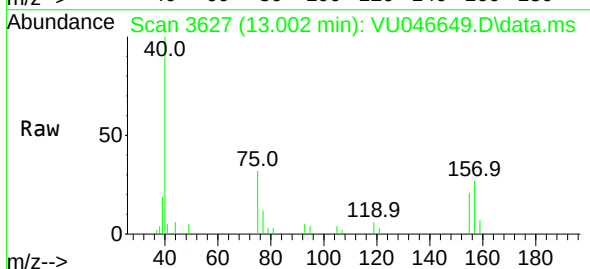
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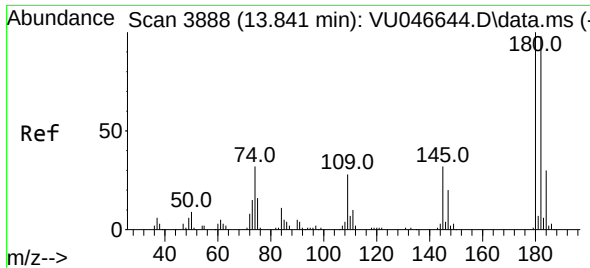
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.849 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.006 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

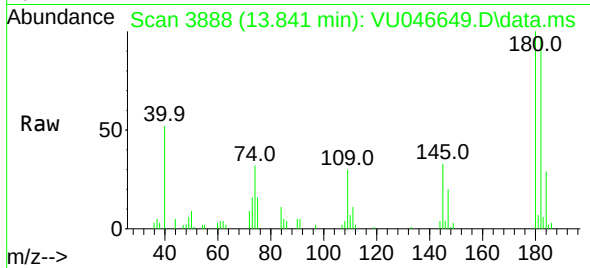
Tgt Ion: 75 Resp: 2246
Ion Ratio Lower Upper
75 100
155 67.9 57.8 86.8
157 89.7 75.1 112.7





#87
1,2,4-Trichlorobenzene
Concen: 1.769 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

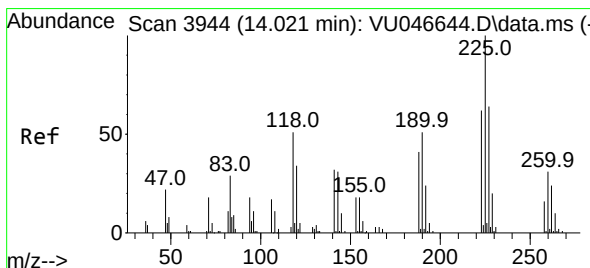
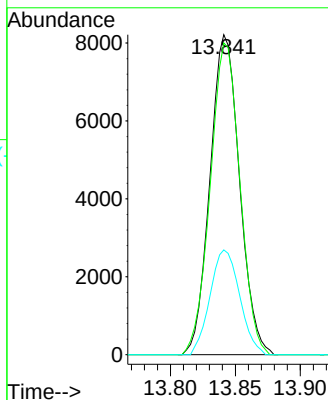
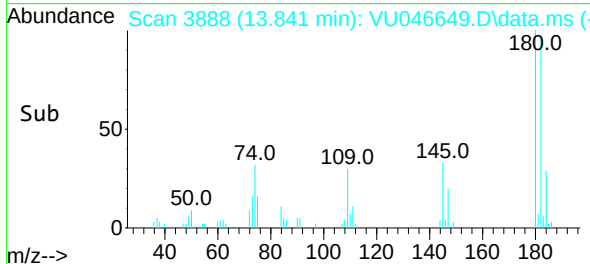
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



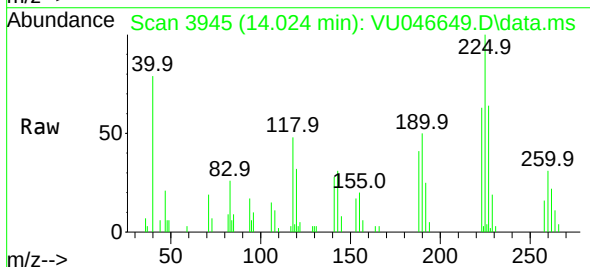
Tgt Ion:180 Resp: 1298
Ion Ratio Lower Upper
180 100
182 97.5 75.8 113.8
145 32.8 25.3 37.9

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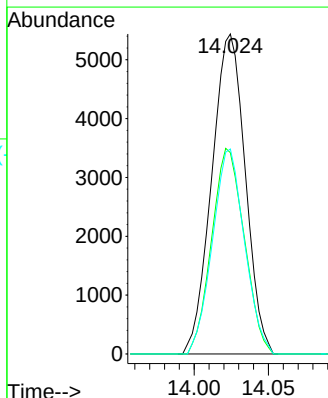
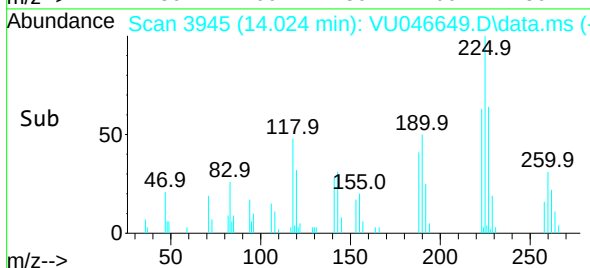
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

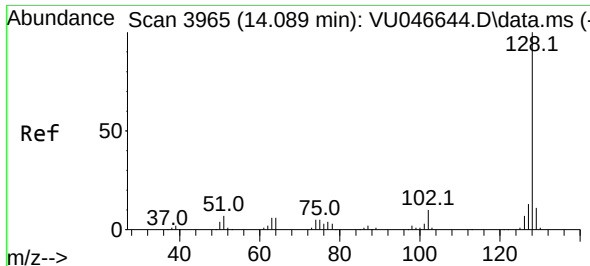


#88
Hexachlorobutadiene
Concen: 1.886 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23



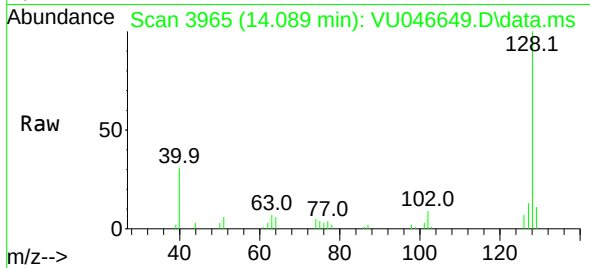
Tgt Ion:225 Resp: 8532
Ion Ratio Lower Upper
225 100
223 62.4 51.1 76.7
227 61.2 49.9 74.9





#89
Naphthalene
Concen: 1.852 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23

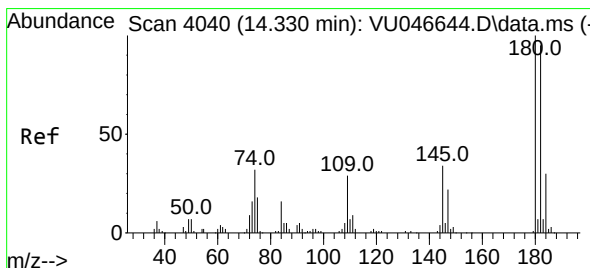
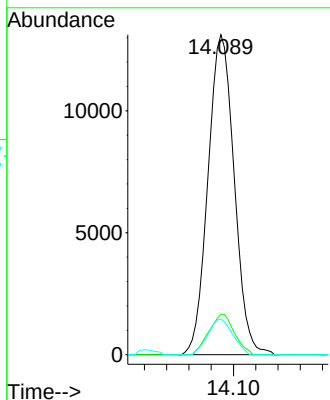
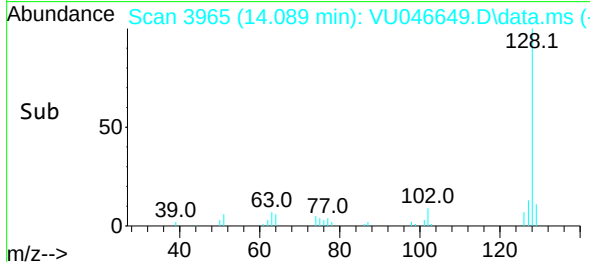
Instrument :
MSVOA_U
ClientSampleId :
VU1230WBSD01



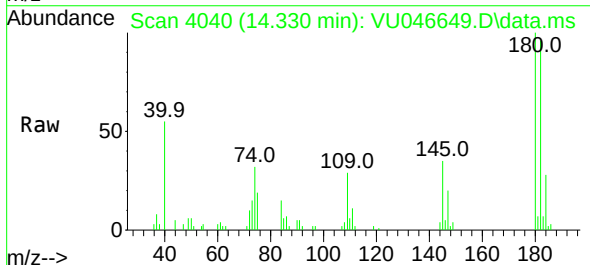
Tgt Ion:128 Resp: 2146
Ion Ratio Lower Upper
128 100
127 12.3 10.6 16.0
129 10.6 8.6 13.0

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



#90
1,2,3-Trichlorobenzene
Concen: 1.764 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046649.D
Acq: 30 Dec 2021 15:23



Tgt Ion:180 Resp: 12624
Ion Ratio Lower Upper
180 100
182 98.0 75.4 113.0
145 33.9 27.0 40.4

