

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
 Data File : VU046656.D
 Acq On : 30 Dec 2021 18:13
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Dec 31 07:28:43 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	21556	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	7843	1.023	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	7606	0.917	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	76180	9.218	ug/l	100
3) Chloromethane	1.523	50	67060	9.180	ug/l	97
4) Vinyl Chloride	1.607	62	74149	9.443	ug/l	98
5) Bromomethane	1.861	94	41761	10.184	ug/l	99
6) Chloroethane	1.938	64	42838	9.194	ug/l	99
7) Trichlorofluoromethane	2.144	101	103643	9.420	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	57159	9.336	ug/l	96
9) 1,1-Dichloroethene	2.584	96	54921	9.554	ug/l	96
10) Iodomethane	2.729	142	68566	11.388	ug/l	89
11) Allyl Chloride	2.929	41	72260	9.967	ug/l	94
12) Acrylonitrile	3.334	53	29661	19.332	ug/l	95
13) Acetone	2.665	43	55699	40.335	ug/l	99
14) Carbon Disulfide	2.800	76	168957	9.197	ug/l	100
15) Methylene Chloride	3.051	84	61387	9.644	ug/l	98
16) trans-1,2-Dichloroethene	3.359	96	58817	9.794	ug/l	97
17) 1,1-Dichloroethane	3.874	63	107391	9.587	ug/l	99
18) 2-Butanone	4.723	43	94943	46.011	ug/l	99
19) Cyclohexane	5.395	56	74435	10.144	ug/l	# 81
20) Methylcyclohexane	6.768	83	93461	10.781	ug/l	97
21) 2,2-Dichloropropane	4.671	77	93102	9.749	ug/l	100
22) cis-1,2-Dichloroethene	4.671	96	64376	10.017	ug/l	97
23) Diethyl Ether	2.379	59	40761	9.495	ug/l	95
24) tert-Butyl Alcohol	3.298	59	8831	20.429	ug/l	# 1
25) Methyl tert-Butyl Ether	3.369	73	143071	10.297	ug/l	97
26) Bromochloromethane	4.980	128	30949	9.732	ug/l	92
27) Chloroform	5.092	83	115630	9.302	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	103984	9.695	ug/l	96
29) 1,1-Dichloropropene	5.530	75	86370	10.232	ug/l	99
30) Carbon Tetrachloride	5.530	117	91930	9.395	ug/l	97
31) Isopropyl Ether	3.996	45	148871	10.674	ug/l	97
32) Ethyl-t-butyl ether	4.504	59	146461	10.624	ug/l	93
33) Tert-Amyl methyl ether	5.941	73	141224	10.630	ug/l	98
34) Propionitrile	4.809	54	30519	49.911	ug/l	# 77
35) Benzene	5.777	78	242195	10.042	ug/l	100
36) 1,2-Dichloroethane	5.800	62	79963	9.669	ug/l	100
37) Trichloroethene	6.546	130	61338	9.955	ug/l	97
38) 1,2-Dichloropropane	6.797	63	63908	10.010	ug/l	100
39) Methacrylonitrile	4.980	41	20655	10.086	ug/l	97
40) Methyl acrylate	4.851	55	40978	11.413	ug/l	99
41) Tetrahydrofuran	5.073	42	22929	22.056	ug/l	97
42) 1-Chlorobutane	5.462	56	116779	10.532	ug/l	96
43) Dibromomethane	6.922	93	36126	9.559	ug/l	98
44) Bromodichloromethane	7.108	83	90593	9.631	ug/l	99

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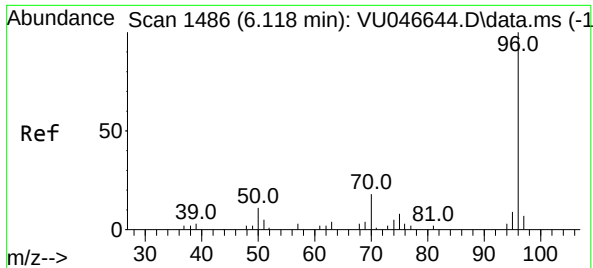
Manual Integrations
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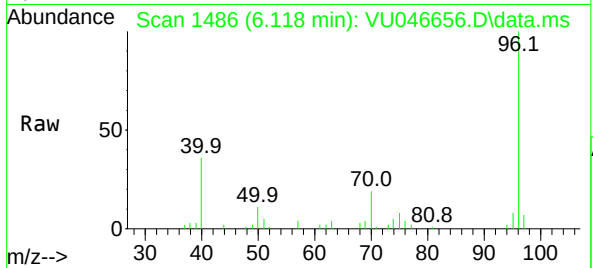
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.797	43	209885	51.931	ug/l	99
46) t-1,4-Dichloro-2-butene	10.835	75	40382m	18.540	ug/l	
47) Methyl methacrylate	6.964	69	66657	21.685	ug/l	91
48) Ethyl methacrylate	8.337	69	61437	11.213	ug/l	93
49) Toluene	7.973	92	153194	10.856	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	83714	10.333	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	91781	10.288	ug/l	94
52) 1,1,2-Trichloroethane	8.404	97	49387	9.399	ug/l	98
53) 1,3-Dichloropropane	8.578	76	87976	9.803	ug/l	100
54) 2-Hexanone	8.687	43	151994	51.465	ug/l	99
55) Dibromochloromethane	8.813	129	63490	9.661	ug/l	100
56) 1,2-Dibromoethane	8.925	107	47754	9.541	ug/l	98
58) Tetrachloroethene	8.555	164	52216	9.586	ug/l	97
59) Chlorobenzene	9.449	112	157573	10.346	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	62579	9.785	ug/l	98
61) Pentachloroethane	11.430	117	50311	9.437	ug/l	93
62) Hexachloroethane	12.478	117	51258	9.588	ug/l	92
63) Ethyl Benzene	9.571	91	283389	11.338	ug/l	99
64) m/p-Xylenes	9.697	106	228856	23.059	ug/l	99
65) o-Xylene	10.102	106	104555	11.140	ug/l	99
66) Styrene	10.115	104	190748	11.630	ug/l	98
67) Bromoform	10.295	173	37793	9.589	ug/l #	98
69) Isopropylbenzene	10.488	105	277687	11.233	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.784	83	65330	9.286	ug/l	99
71) 1,2,3-Trichloropropane	10.829	75	42195m	9.382	ug/l	
72) Bromobenzene	10.784	156	67236	10.231	ug/l	91
73) n-propylbenzene	10.909	120	78920	11.187	ug/l	96
74) 2-Chlorotoluene	10.989	126	65805	10.791	ug/l	98
75) 1,3,5-Trimethylbenzene	11.089	105	242924	9.486	ug/l	99
76) 4-Chlorotoluene	11.099	126	71084	10.972	ug/l	95
77) tert-Butylbenzene	11.423	119	234048	11.140	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	254306	9.685	ug/l	99
79) sec-Butylbenzene	11.645	105	319513	11.218	ug/l	100
80) Nitrobenzene	13.211	77	19015	52.483	ug/l #	98
81) p-Isopropyltoluene	11.796	119	270476	9.461	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	135649	10.065	ug/l	100
83) 1,4-Dichlorobenzene	11.838	146	137264	10.190	ug/l	99
84) n-Butylbenzene	12.211	91	252858	11.277	ug/l	98
85) 1,2-Dichlorobenzene	12.214	146	129518	10.028	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.999	75	13147	10.147	ug/l	99
87) 1,2,4-Trichlorobenzene	13.841	180	86567	11.051	ug/l	99
88) Hexachlorobutadiene	14.025	225	46660	9.671	ug/l	98
89) Naphthalene	14.089	128	177036	10.063	ug/l	100
90) 1,2,3-Trichlorobenzene	14.330	180	85944	11.257	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

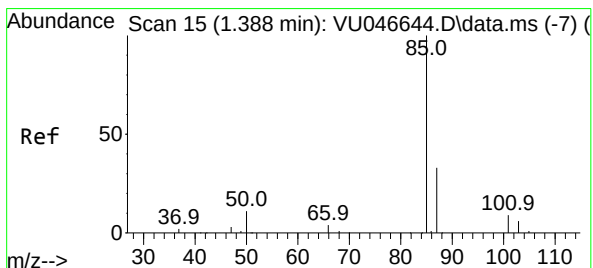
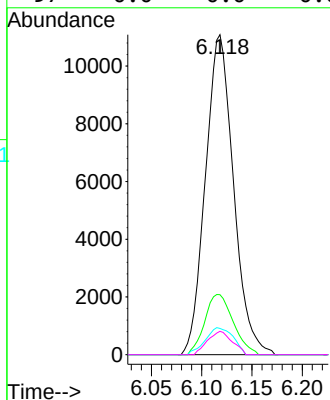
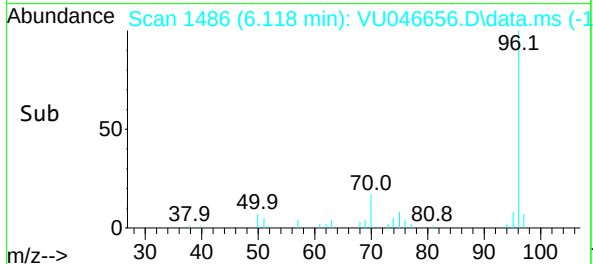
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



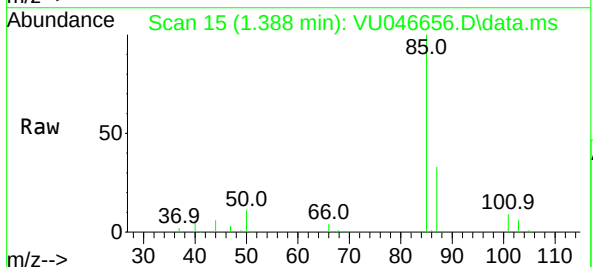
Tgt Ion: 96 Resp: 21550
Ion Ratio Lower Upper
96 100
70 19.1 16.8 25.2
95 8.3 7.3 10.9
97 0.0 0.0 0.0

Manual Integrations
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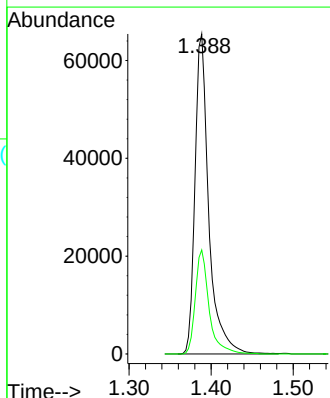
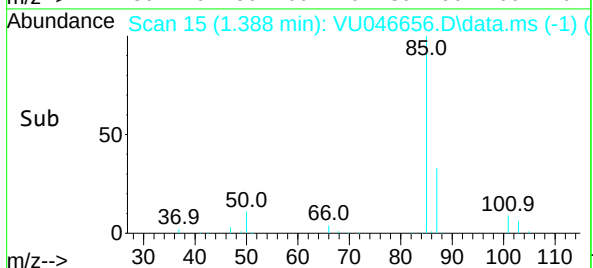
Reviewed By :Semsettin Yesilyurt 12/31/2021
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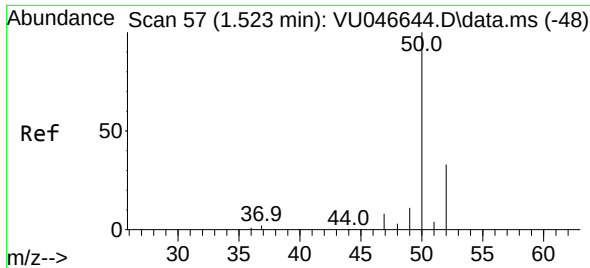


#2
Dichlorodifluoromethane
Concen: 9.218 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13



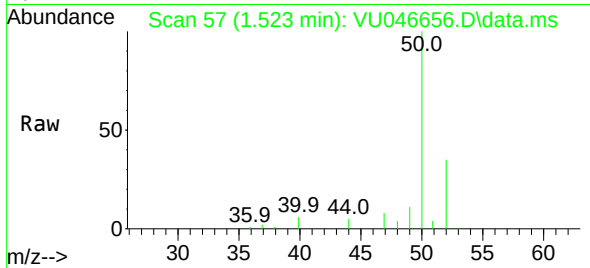
Tgt Ion: 85 Resp: 76180
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6





#3
Chloromethane
Concen: 9.180 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

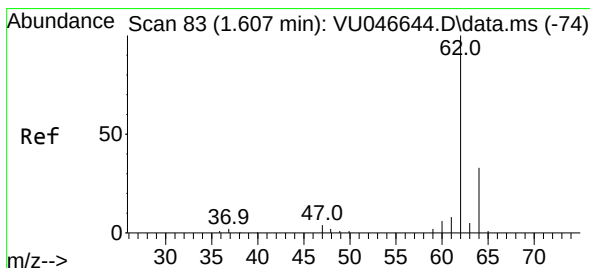
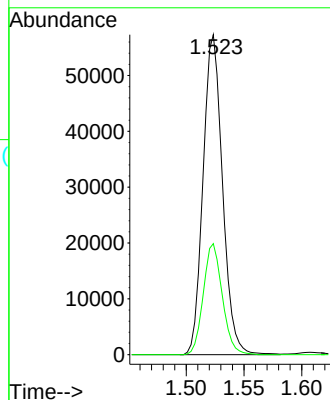
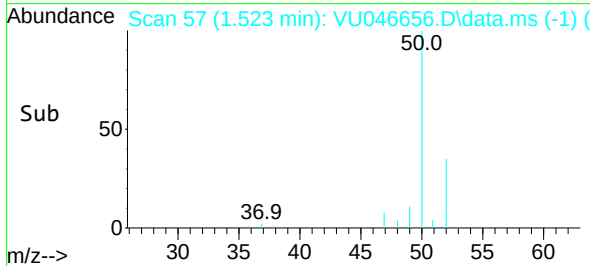
Instrument :
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VSTDCCC010



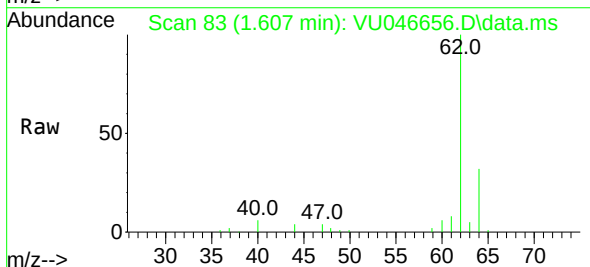
Tgt Ion: 50 Resp: 67060
Ion Ratio Lower Upper
50 100
52 34.7 26.2 39.4

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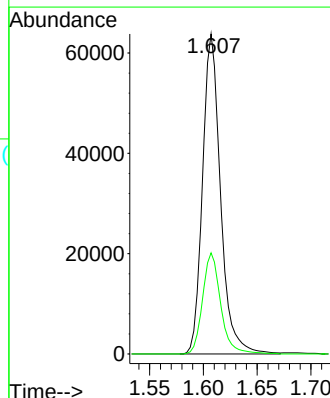
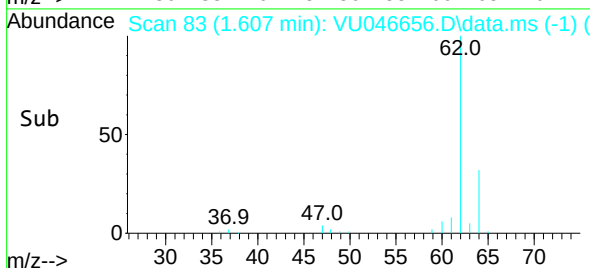
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

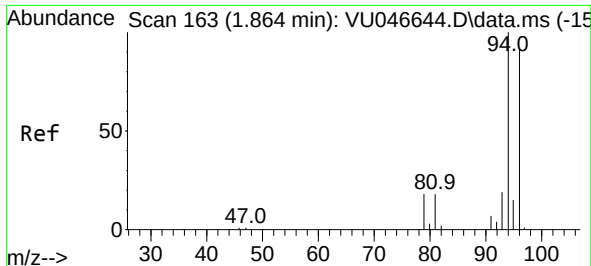


#4
Vinyl Chloride
Concen: 9.443 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13



Tgt Ion: 62 Resp: 74149
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0





#5

Bromomethane

Concen: 10.184 ug/l

RT: 1.861 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 94 Resp: 4176

Ion Ratio Lower Upper

94 100

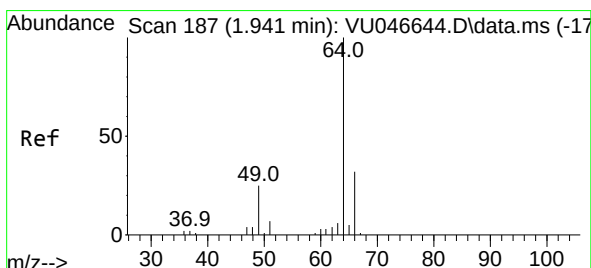
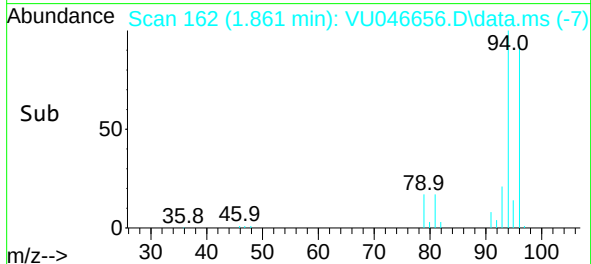
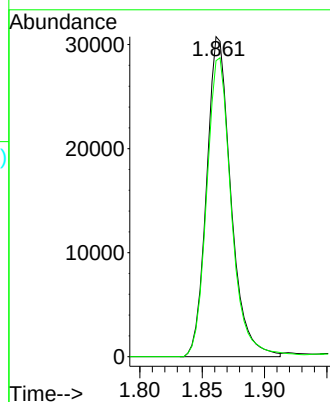
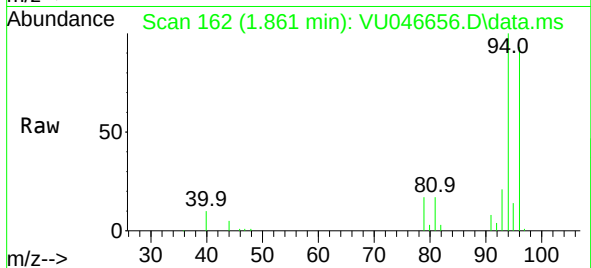
96 92.5 75.0 112.4

Manual Integrations

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Supervised By :Mahesh Dadoda 01/03/2022



#6

Chloroethane

Concen: 9.194 ug/l

RT: 1.938 min Scan# 186

Delta R.T. -0.003 min

Lab File: VU046656.D

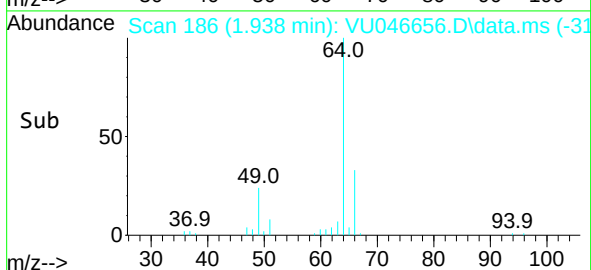
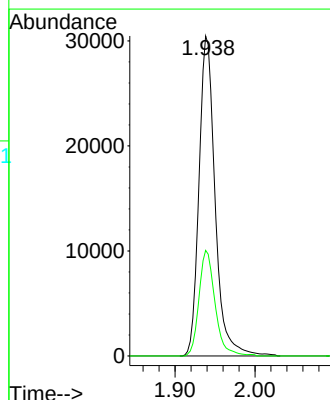
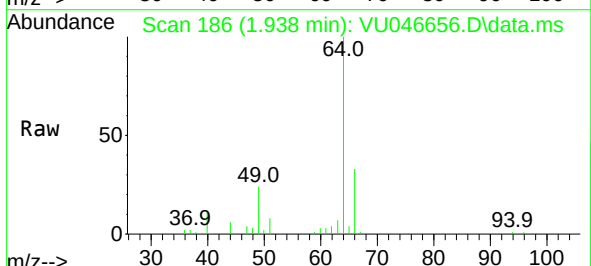
Acq: 30 Dec 2021 18:13

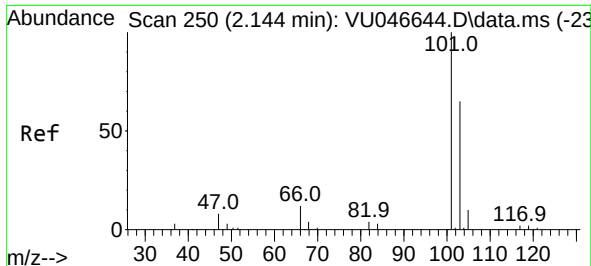
Tgt Ion: 64 Resp: 42838

Ion Ratio Lower Upper

64 100

66 33.0 25.8 38.8





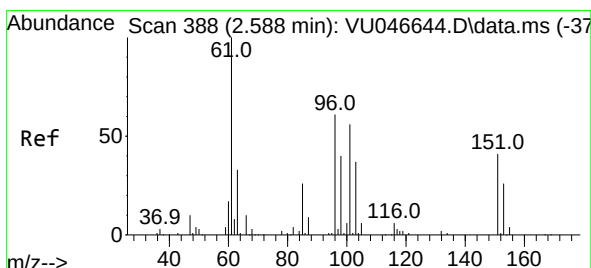
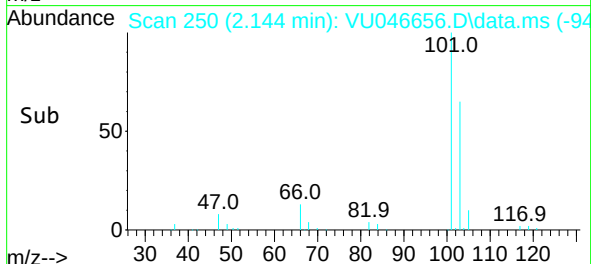
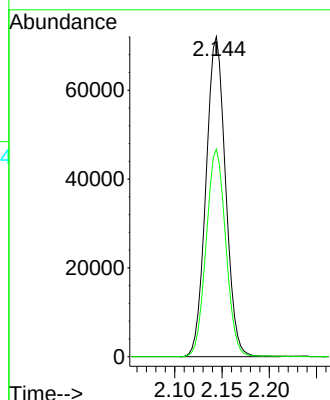
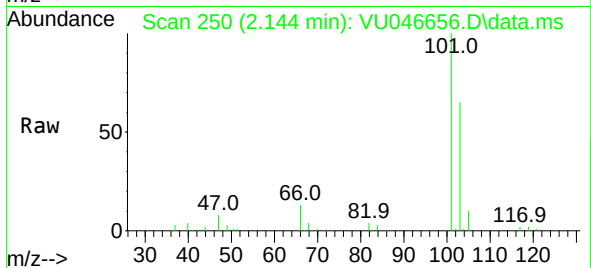
#7
 Trichlorofluoromethane
 Concen: 9.420 ug/l
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU046656.D
 Acq: 30 Dec 2021 18:13

Instrument :
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Tgt Ion:101 Resp: 10364
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.2 78.2

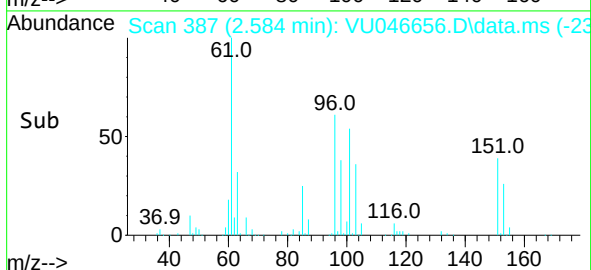
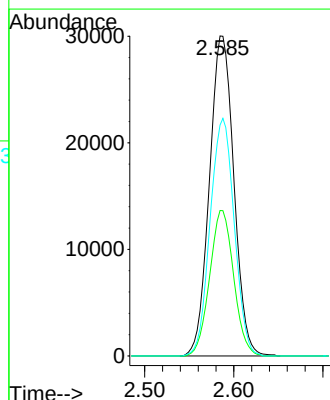
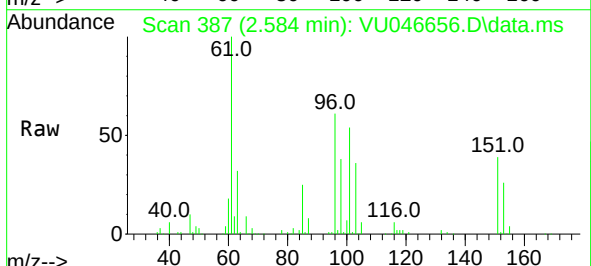
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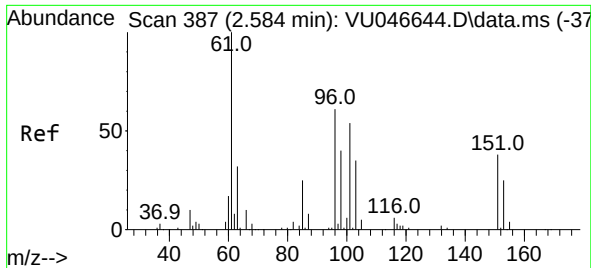
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.336 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. -0.004 min
 Lab File: VU046656.D
 Acq: 30 Dec 2021 18:13

Tgt Ion:101 Resp: 57159
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.8 53.6
 151 73.3 54.6 81.8





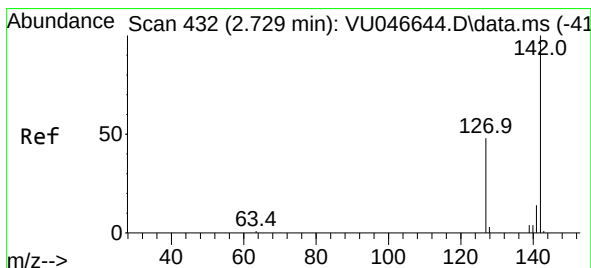
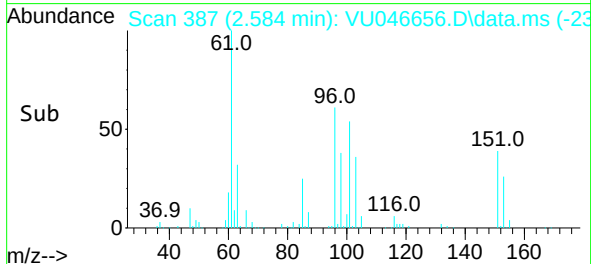
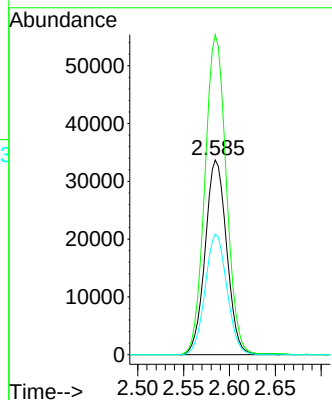
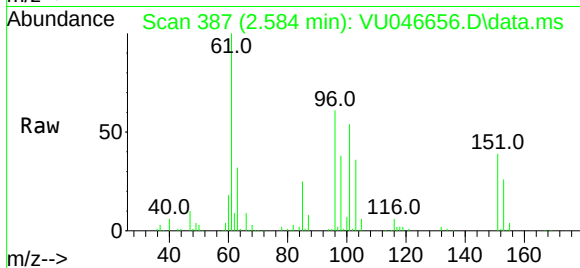
#9
1,1-Dichloroethene
Concen: 9.554 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Instrument :
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ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 5492
Ion Ratio Lower Upper
96 100
61 164.3 0.0 514.2
98 61.9 0.0 126.4

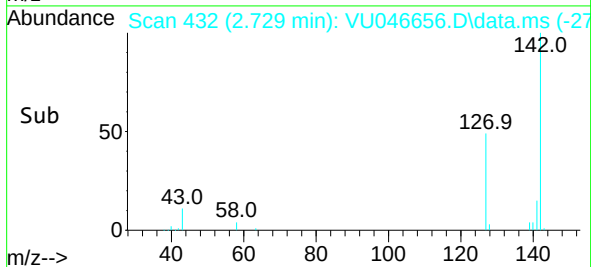
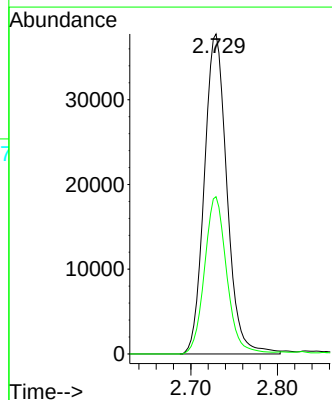
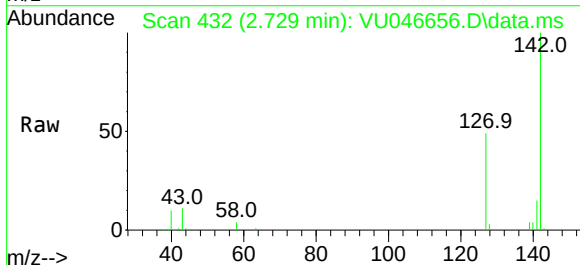
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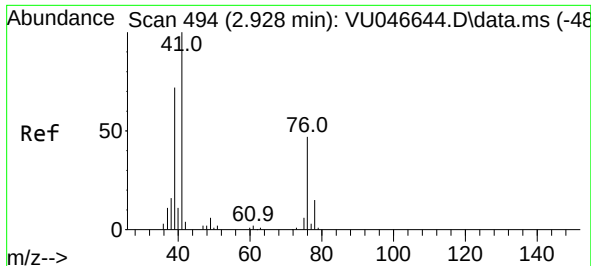
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#10
Iodomethane
Concen: 11.388 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Tgt Ion:142 Resp: 68566
Ion Ratio Lower Upper
142 100
127 48.3 33.2 49.8





#11

Allyl Chloride

Concen: 9.967 ug/l

RT: 2.929 min Scan# 494

Delta R.T. 0.001 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 72260

Ion Ratio Lower Upper

41 100

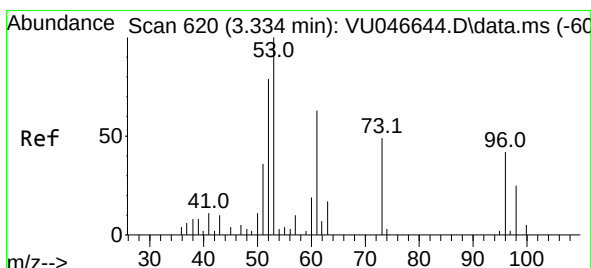
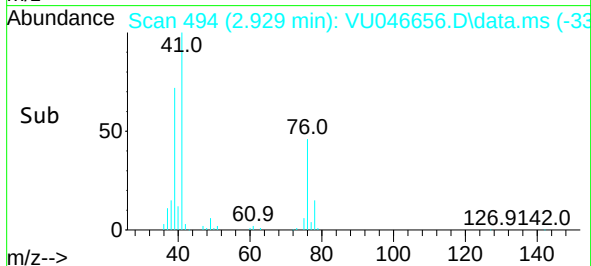
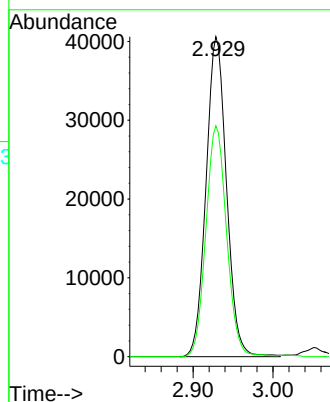
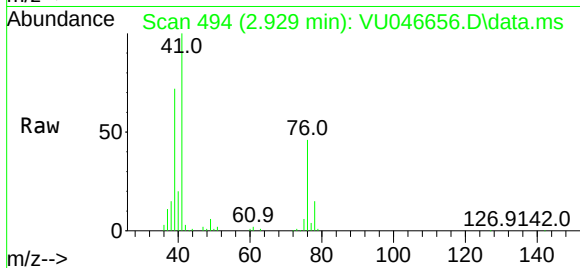
39 73.0 62.4 93.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#12

Acrylonitrile

Concen: 19.332 ug/l

RT: 3.334 min Scan# 620

Delta R.T. -0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

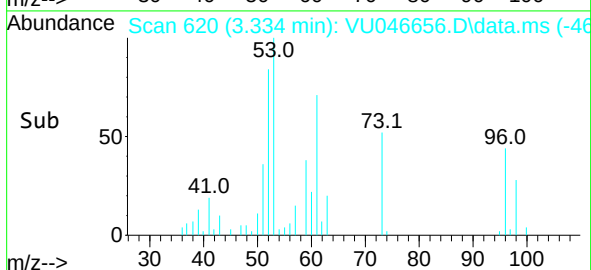
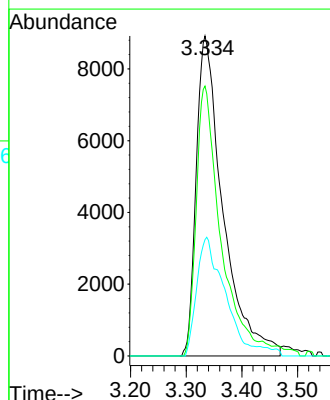
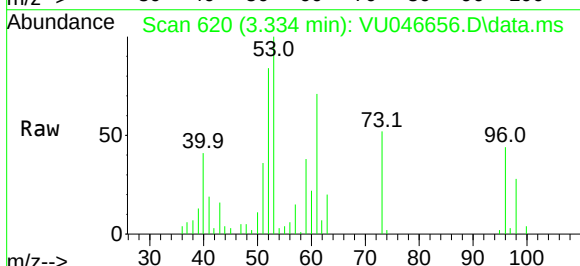
Tgt Ion: 53 Resp: 29661

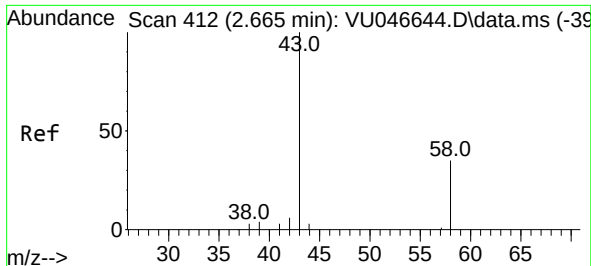
Ion Ratio Lower Upper

53 100

52 76.0 56.7 85.1

51 40.0 30.3 45.5





#13

Acetone

Concen: 40.335 ug/l

RT: 2.665 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 5569

Ion Ratio Lower Upper

43 100

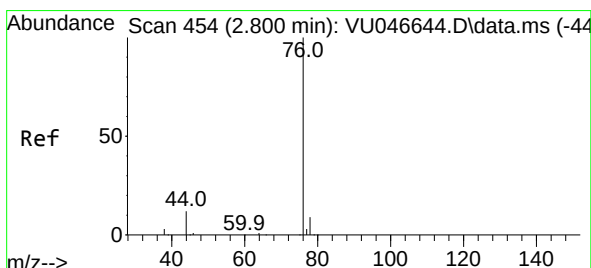
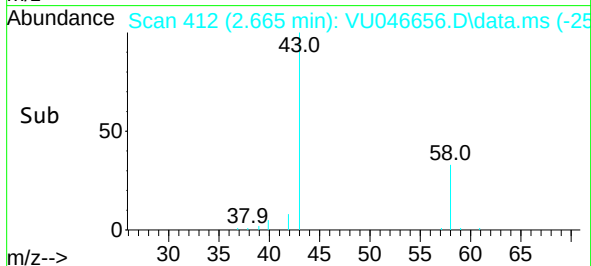
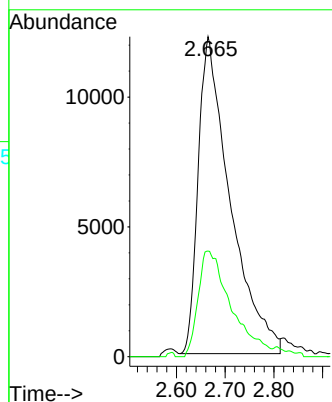
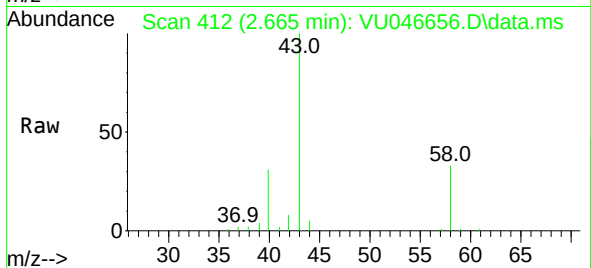
58 33.3 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#14

Carbon Disulfide

Concen: 9.197 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046656.D

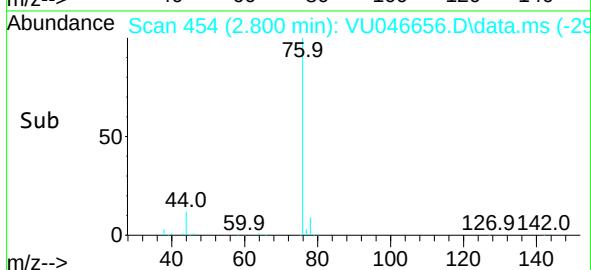
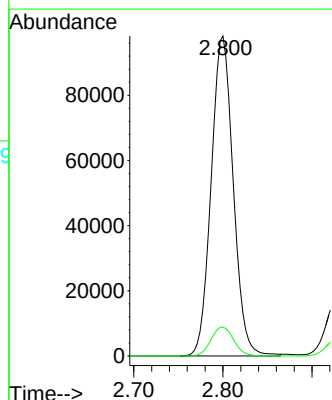
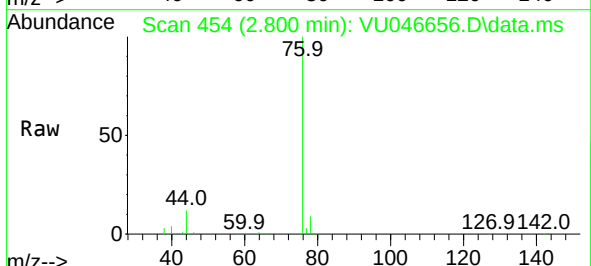
Acq: 30 Dec 2021 18:13

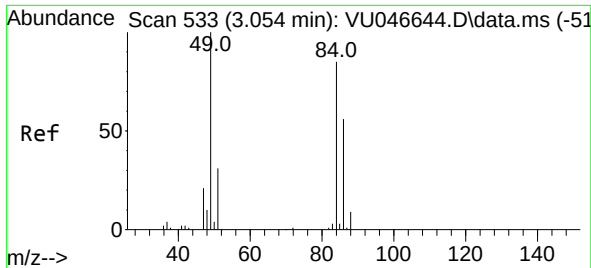
Tgt Ion: 76 Resp: 168957

Ion Ratio Lower Upper

76 100

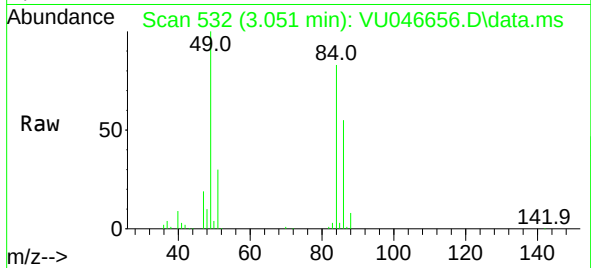
78 9.0 7.1 10.7





#15
Methylene Chloride
Concen: 9.644 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

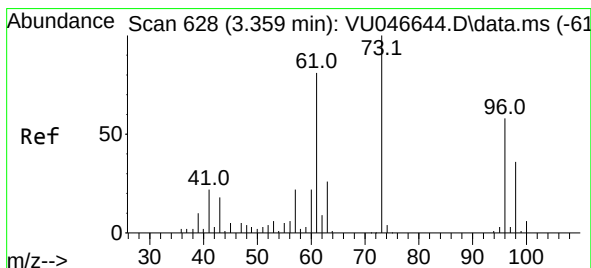
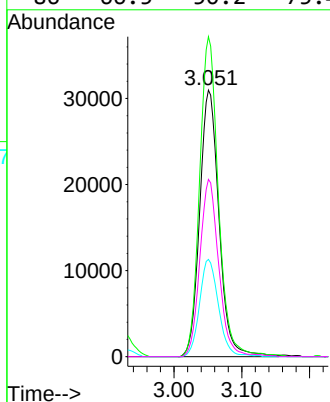
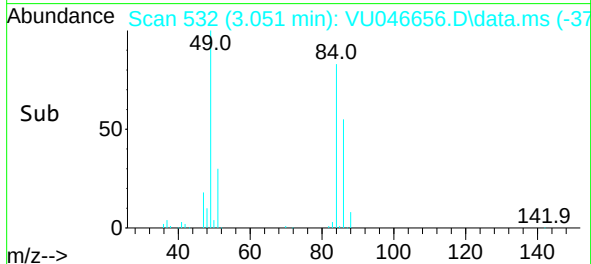
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 84 Resp: 6138
Ion Ratio Lower Upper
84 100
49 120.0 97.2 145.8
51 36.5 0.0 73.4
86 66.5 50.2 75.4

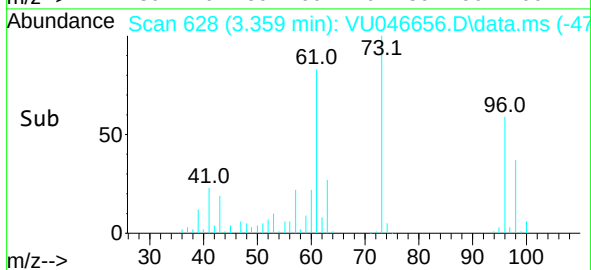
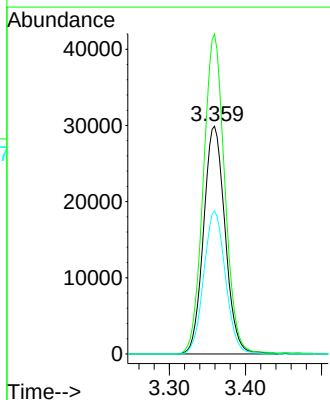
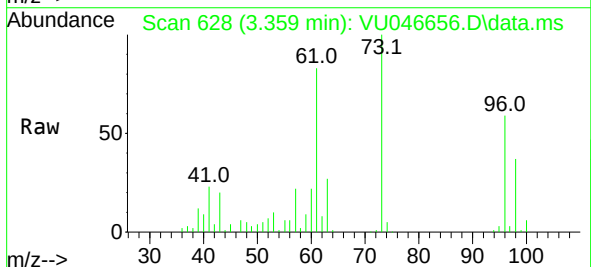
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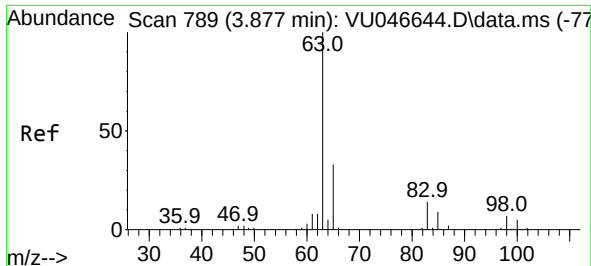
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#16
trans-1,2-Dichloroethene
Concen: 9.794 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

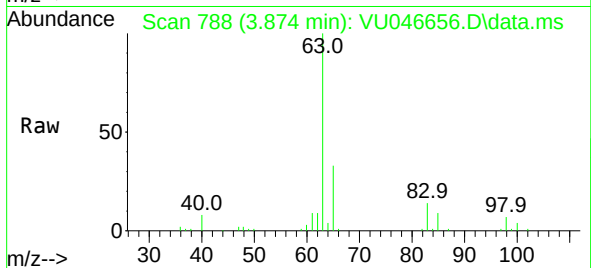
Tgt Ion: 96 Resp: 58817
Ion Ratio Lower Upper
96 100
61 140.4 115.8 173.6
98 62.8 51.1 76.7





#17
1,1-Dichloroethane
Concen: 9.587 ug/l
RT: 3.874 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

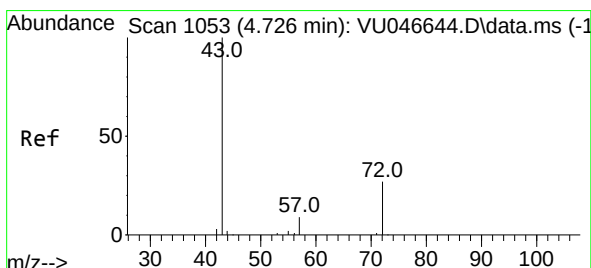
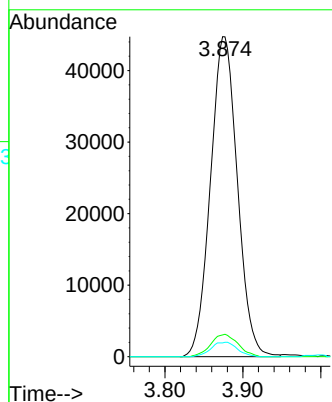
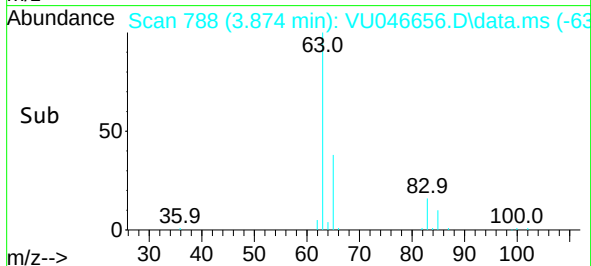
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



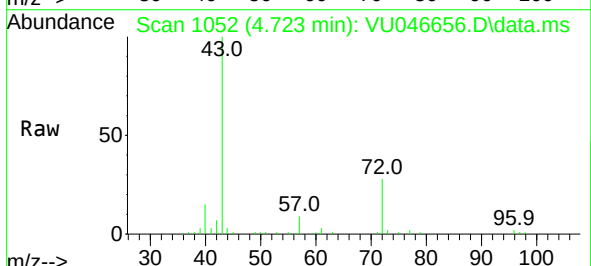
Tgt Ion: 63 Resp: 10739
Ion Ratio Lower Upper
63 100
98 6.8 3.6 10.8
100 4.3 2.1 6.5

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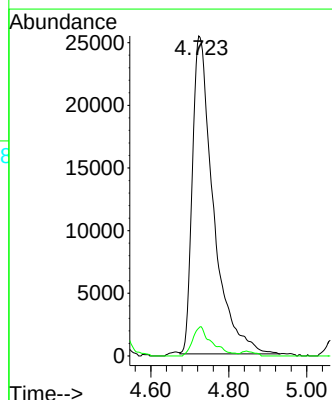
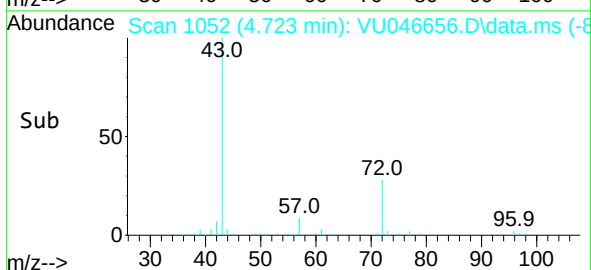
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

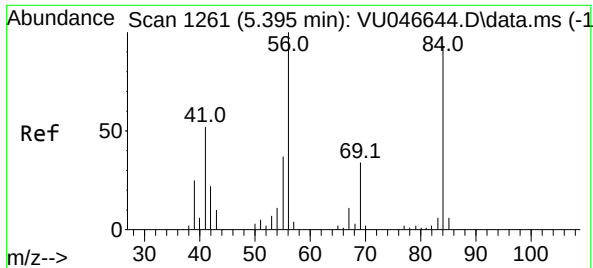


#18
2-Butanone
Concen: 46.011 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. -0.003 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13



Tgt Ion: 43 Resp: 94943
Ion Ratio Lower Upper
43 100
57 8.8 0.0 16.6





#19

Cyclohexane

Concen: 10.144 ug/l

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

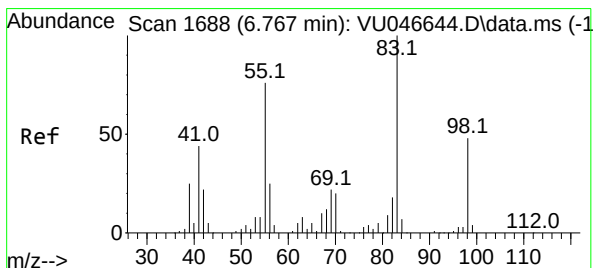
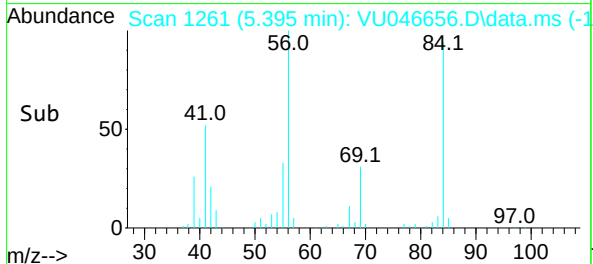
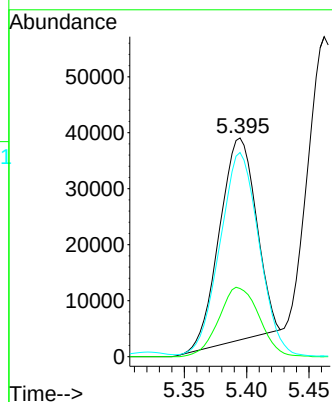
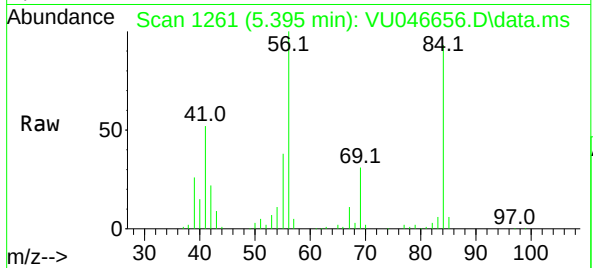
Tgt Ion: 56 Resp: 7443

Ion	Ratio	Lower	Upper
56	100		
69	37.6	24.7	37.1
84	106.1	68.8	103.2

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 10.781 ug/l

RT: 6.768 min Scan# 1688

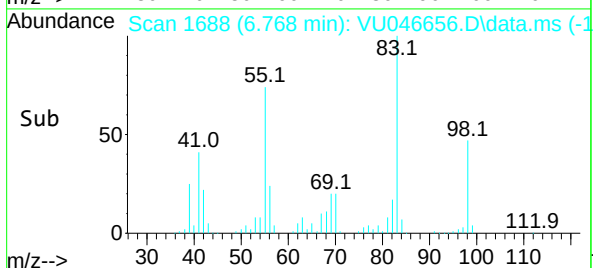
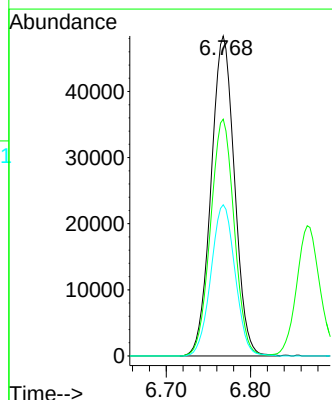
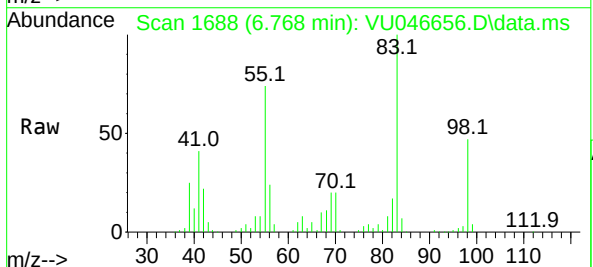
Delta R.T. 0.001 min

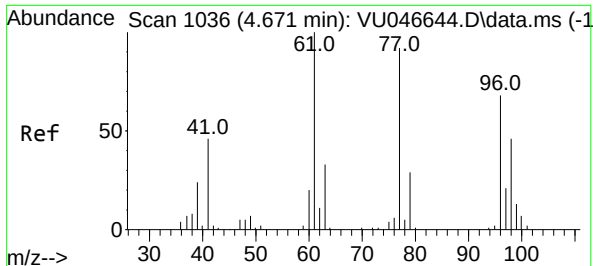
Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Tgt Ion: 83 Resp: 93461

Ion	Ratio	Lower	Upper
83	100		
55	74.3	61.9	92.9
98	48.6	37.4	56.2





#21

2,2-Dichloropropane

Concen: 9.749 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 77 Resp: 9310

Ion Ratio Lower Upper

77 100

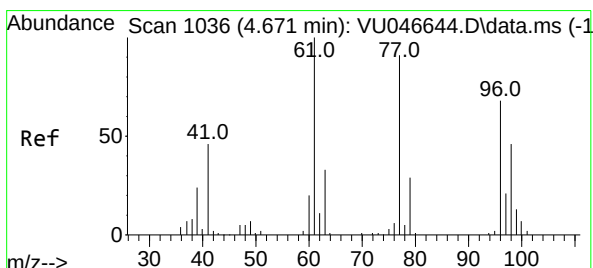
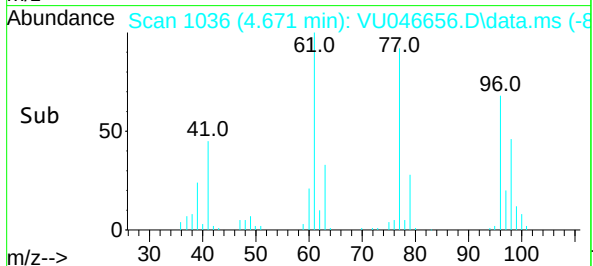
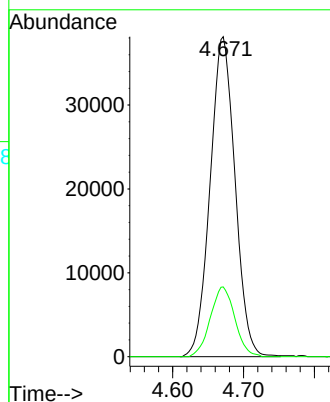
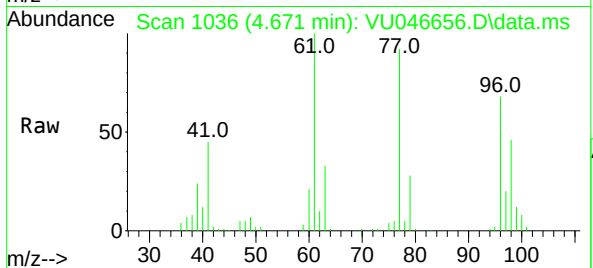
97 21.5 17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#22

cis-1,2-Dichloroethene

Concen: 10.017 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

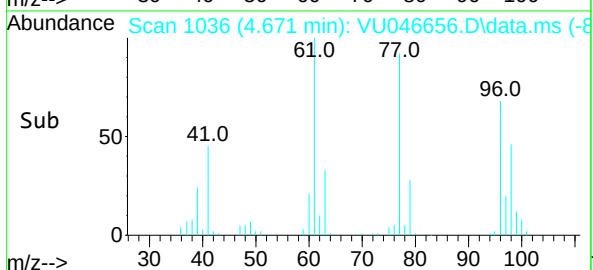
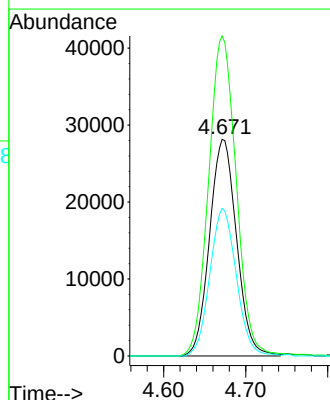
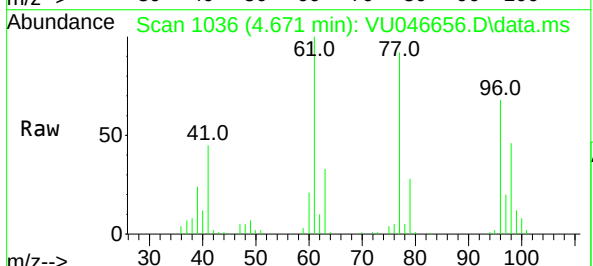
Tgt Ion: 96 Resp: 64376

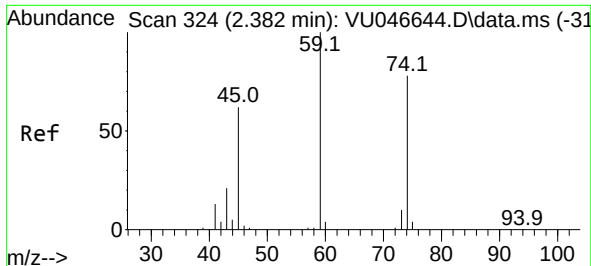
Ion Ratio Lower Upper

96 100

61 150.9 0.0 385.3

98 66.8 32.1 96.3





#23

Diethyl Ether

Concen: 9.495 ug/l

RT: 2.379 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 4076

Ion Ratio Lower Upper

59 100

45 64.8 55.6 83.4

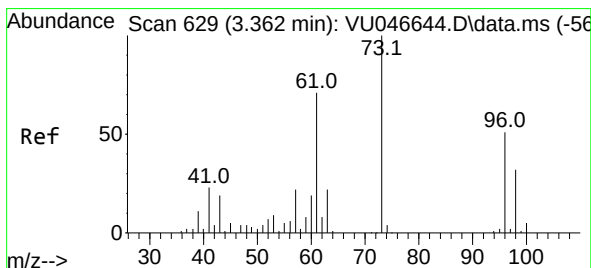
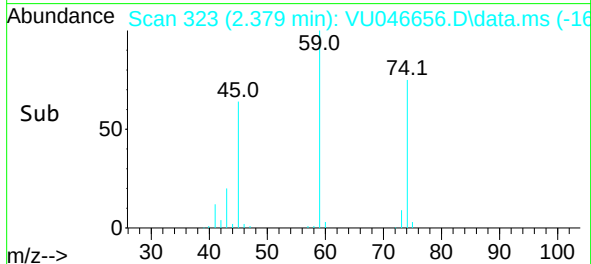
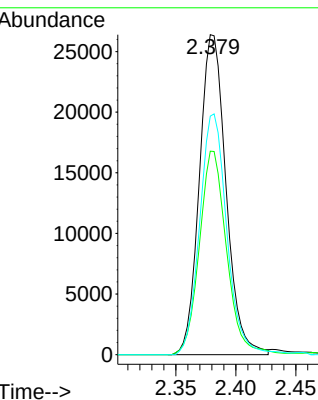
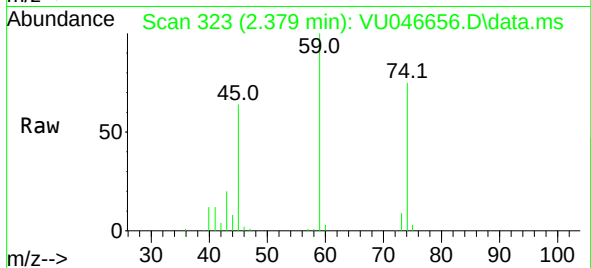
74 76.6 58.1 87.1

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: 20.429 ug/l

RT: 3.298 min Scan# 609

Delta R.T. -0.064 min

Lab File: VU046656.D

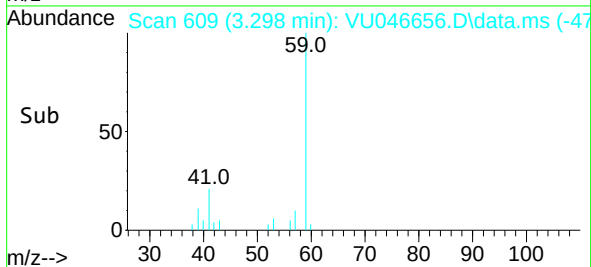
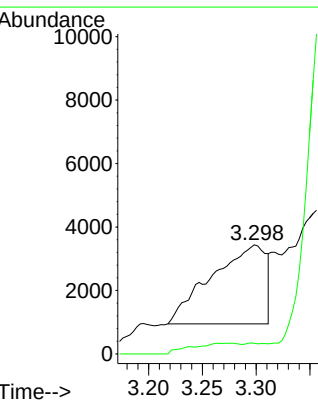
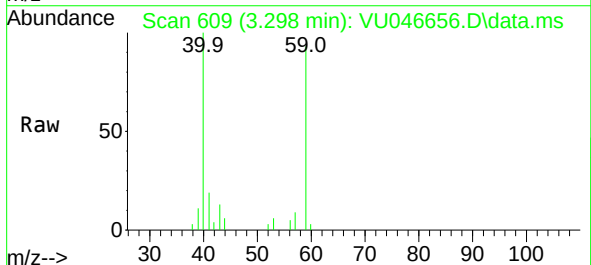
Acq: 30 Dec 2021 18:13

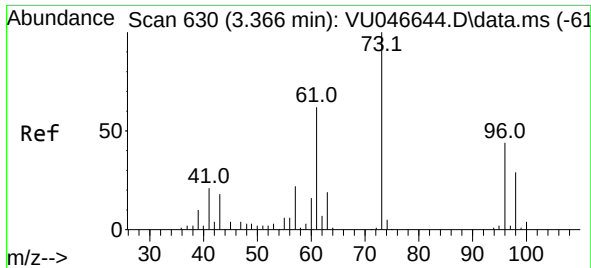
Tgt Ion: 59 Resp: 8831

Ion Ratio Lower Upper

59 100

57 344.3 6.5 9.7#





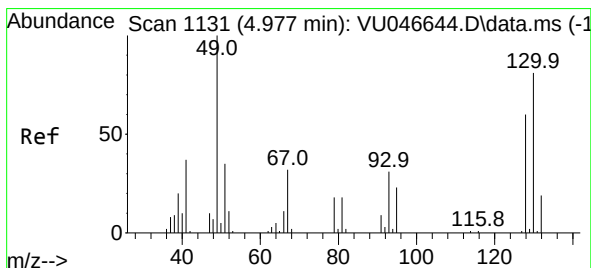
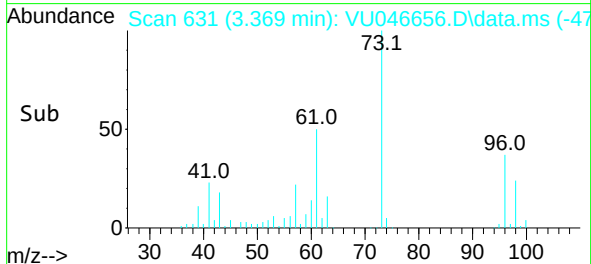
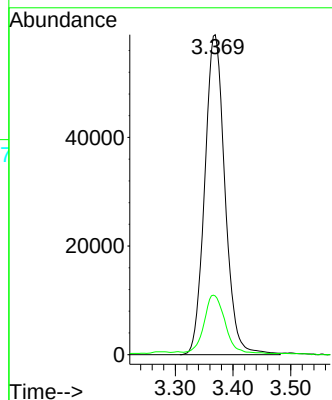
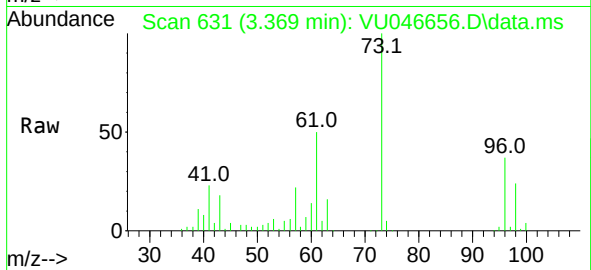
#25
Methyl tert-Butyl Ether
Concen: 10.297 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 73 Resp: 14307
Ion Ratio Lower Upper
73 100
43 19.1 16.3 24.5

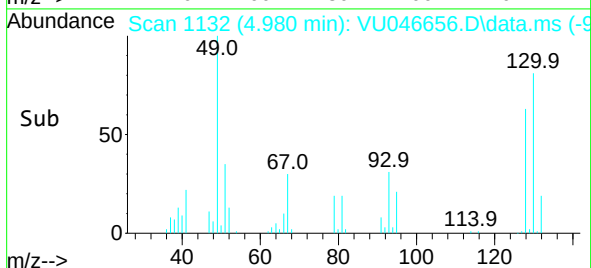
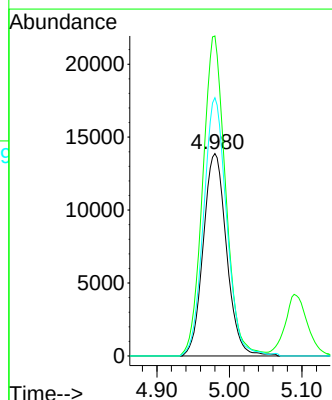
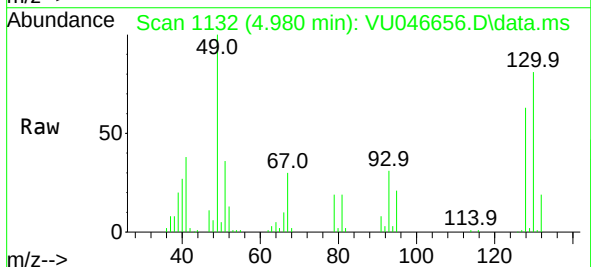
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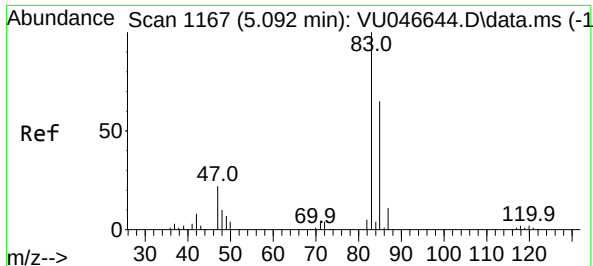
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#26
Bromochloromethane
Concen: 9.732 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Tgt Ion:128 Resp: 30949
Ion Ratio Lower Upper
128 100
49 155.1 0.0 347.4
130 126.4 101.5 152.3





#27

Chloroform

Concen: 9.302 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 115630

Ion Ratio Lower Upper

83 100

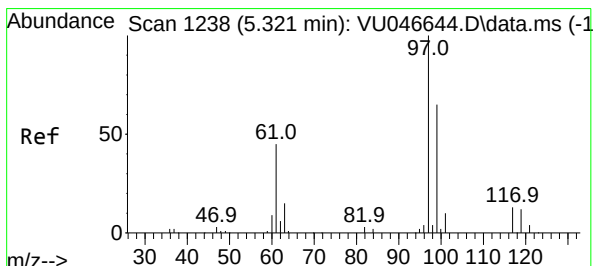
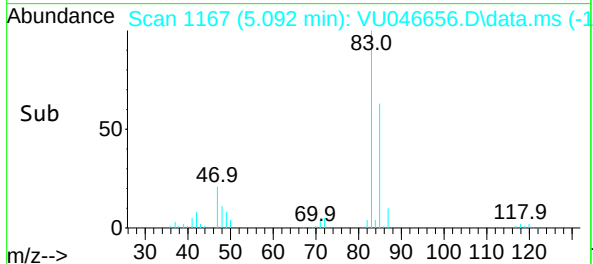
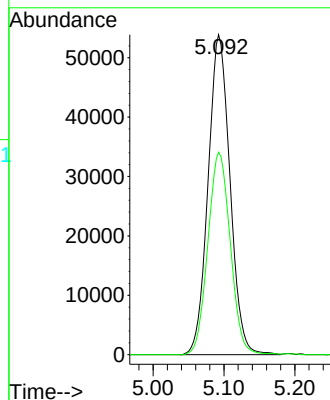
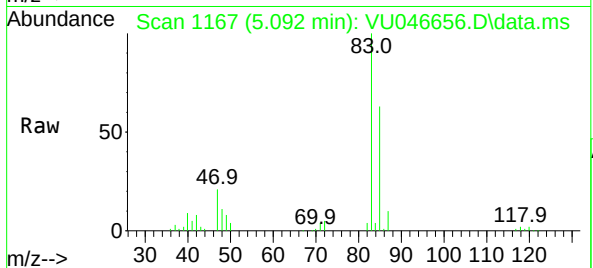
85 63.3 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#28

1,1,1-Trichloroethane

Concen: 9.695 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

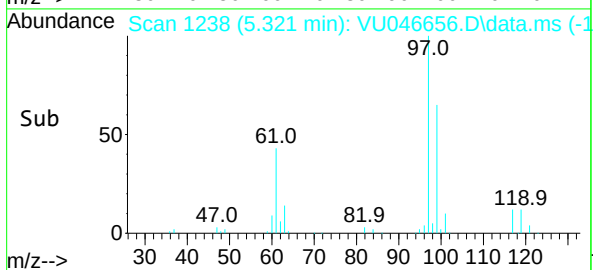
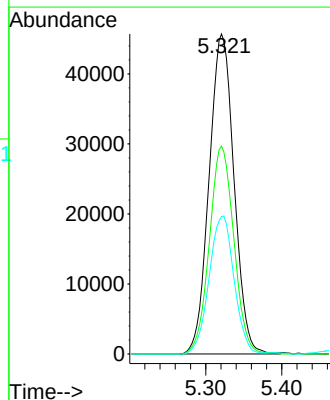
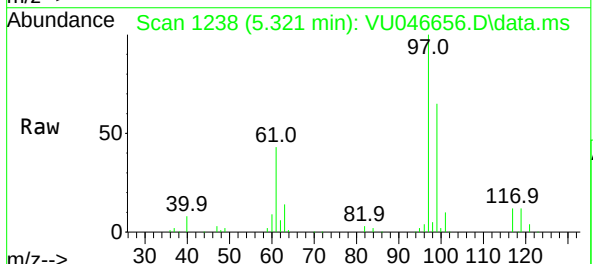
Tgt Ion: 97 Resp: 103984

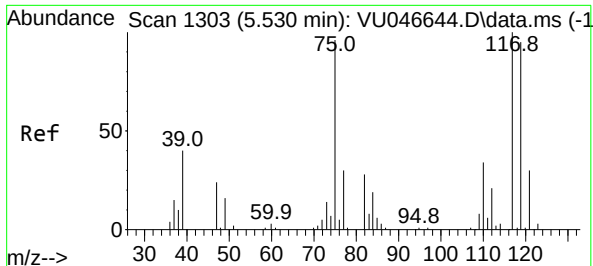
Ion Ratio Lower Upper

97 100

99 63.9 32.2 96.6

61 43.3 24.5 73.5





#29

1,1-Dichloropropene

Concen: 10.232 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

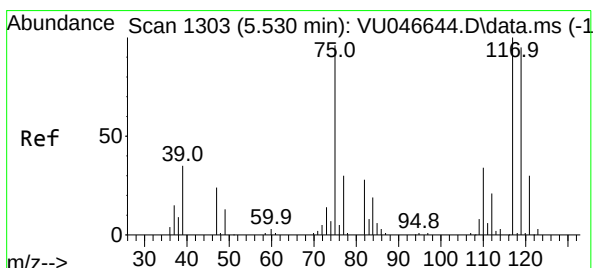
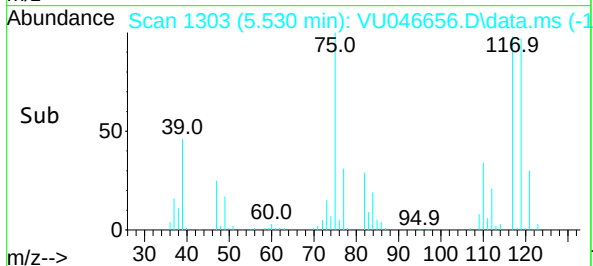
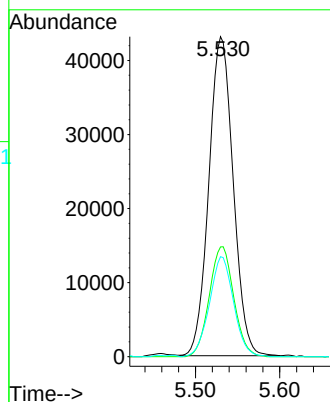
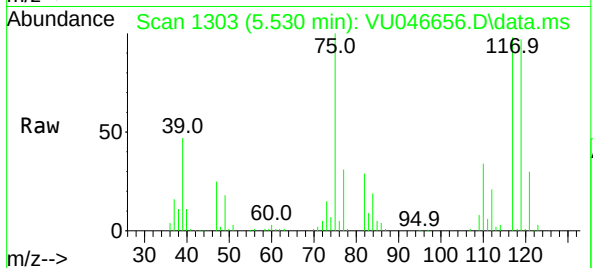
Tgt Ion: 75 Resp: 86370

Ion	Ratio	Lower	Upper
75	100		
110	34.7	16.8	50.3
77	31.2	24.7	37.1

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#30

Carbon Tetrachloride

Concen: 9.395 ug/l

RT: 5.530 min Scan# 1303

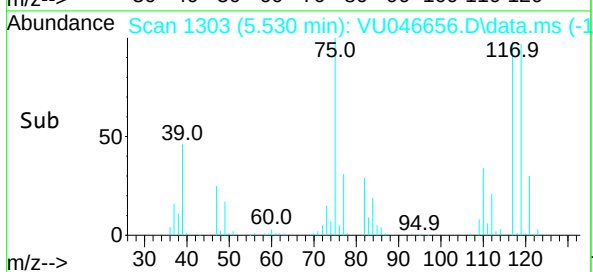
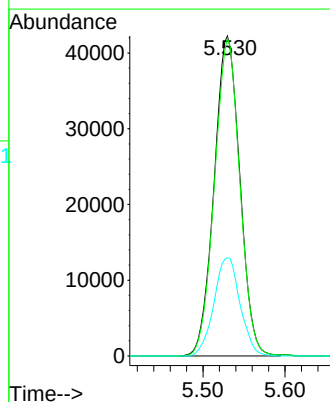
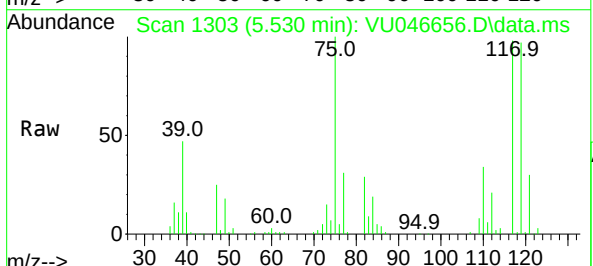
Delta R.T. -0.000 min

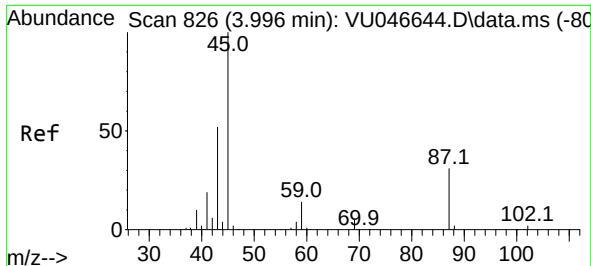
Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Tgt Ion:117 Resp: 91930

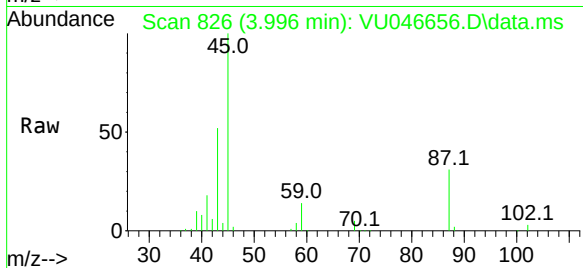
Ion	Ratio	Lower	Upper
117	100		
119	99.2	76.8	115.2
121	30.7	24.6	37.0





#31
Isopropyl Ether
Concen: 10.674 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

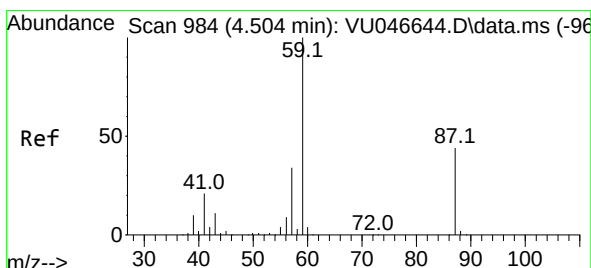
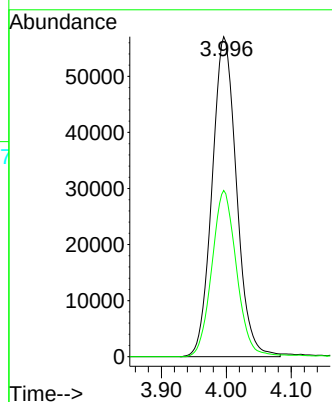
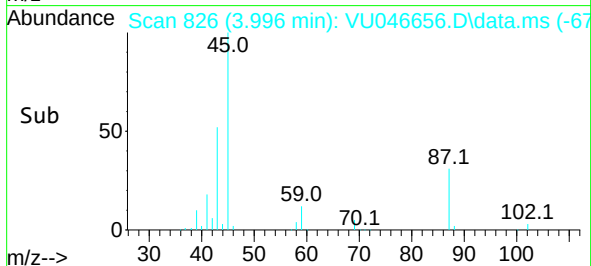
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



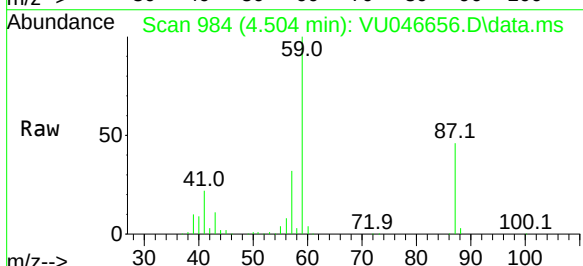
Tgt Ion: 45 Resp: 14887
Ion Ratio Lower Upper
45 100
43 52.6 25.3 75.8

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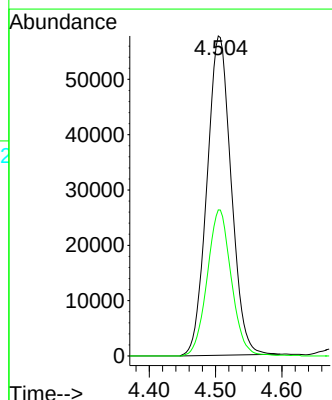
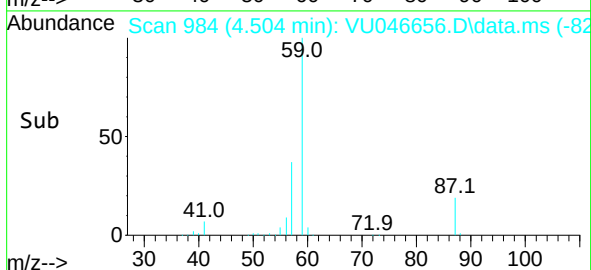
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

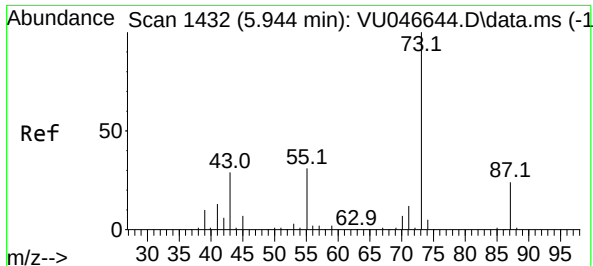


#32
Ethyl-t-butyl ether
Concen: 10.624 ug/l
RT: 4.504 min Scan# 984
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13



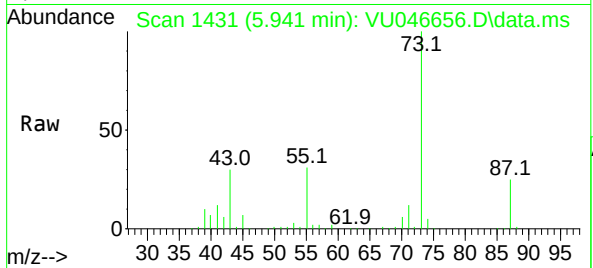
Tgt Ion: 59 Resp: 146461
Ion Ratio Lower Upper
59 100
87 45.2 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 10.630 ug/l
RT: 5.941 min Scan# 141224
Delta R.T. -0.003 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

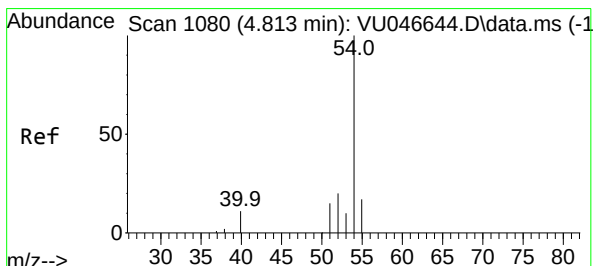
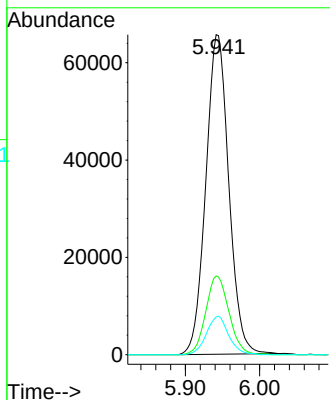
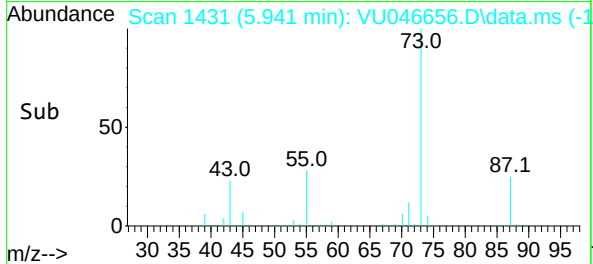
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 73 Resp: 141224
Ion Ratio Lower Upper
73 100
87 24.5 18.6 28.0
71 11.6 9.0 13.6

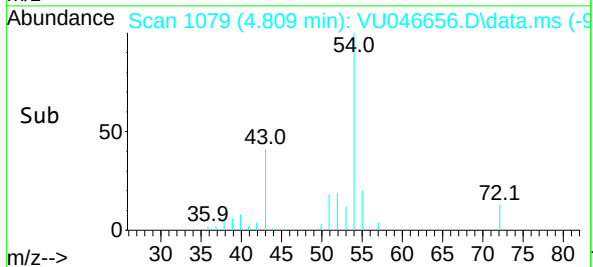
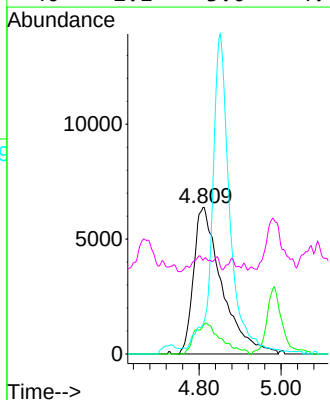
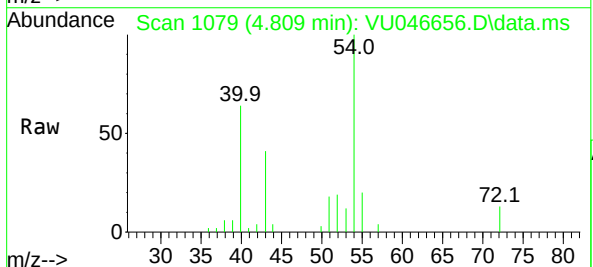
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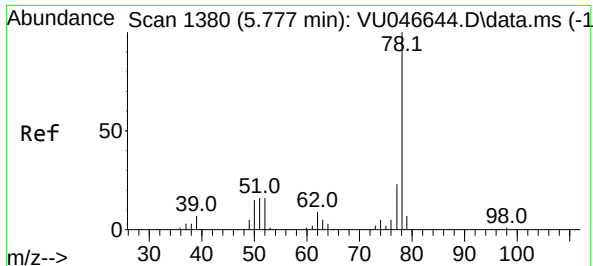
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#34
Propionitrile
Concen: 49.911 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. -0.004 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Tgt Ion: 54 Resp: 30519
Ion Ratio Lower Upper
54 100
52 4.5 11.9 17.9#
55 0.0 8.0 12.0#
40 2.1 3.0 4.4#





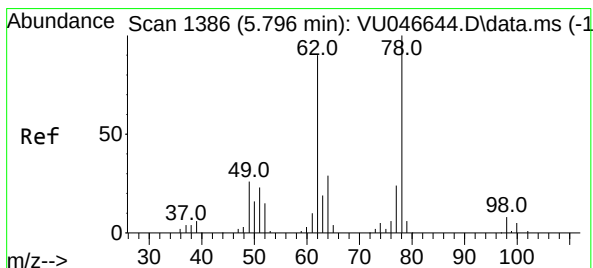
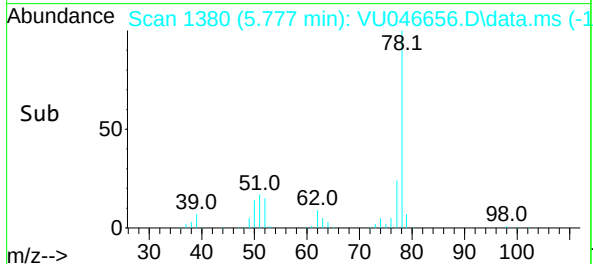
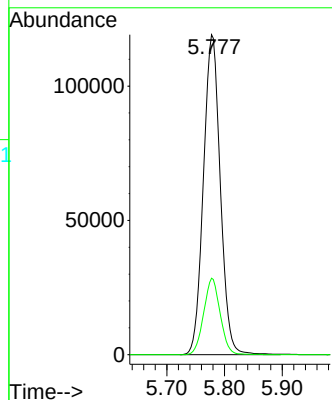
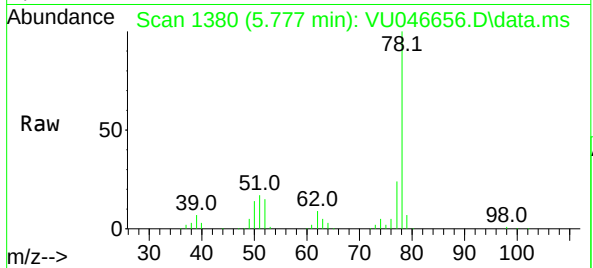
#35
Benzene
Concen: 10.042 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 24219
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

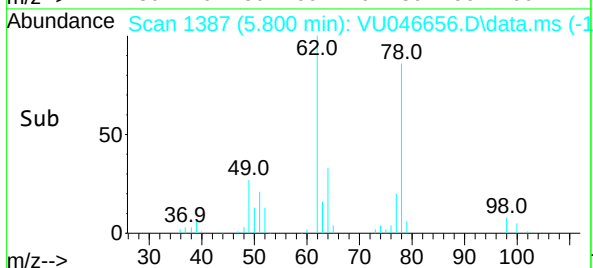
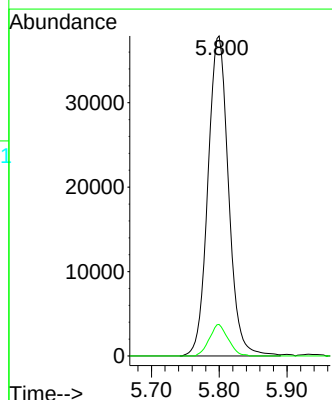
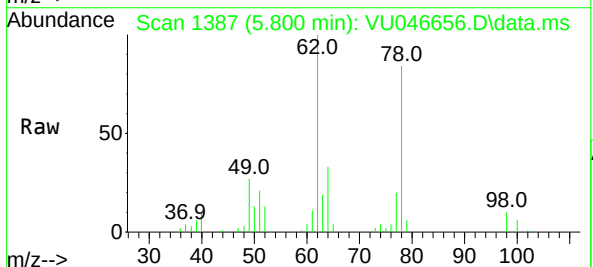
Manual Integrations
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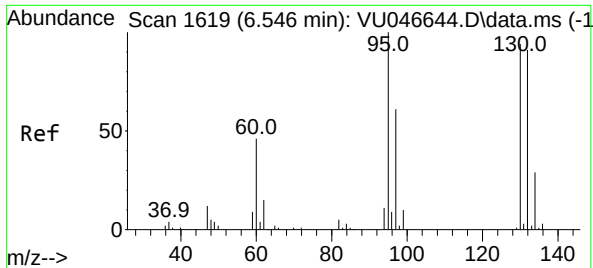
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#36
1,2-Dichloroethane
Concen: 9.669 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

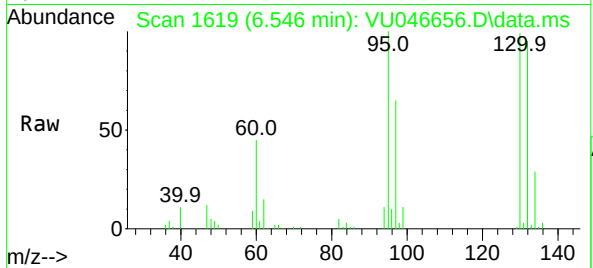
Tgt Ion: 62 Resp: 79963
Ion Ratio Lower Upper
62 100
98 9.0 7.3 10.9





#37
Trichloroethene
Concen: 9.955 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

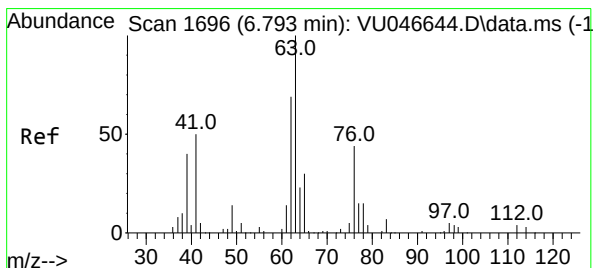
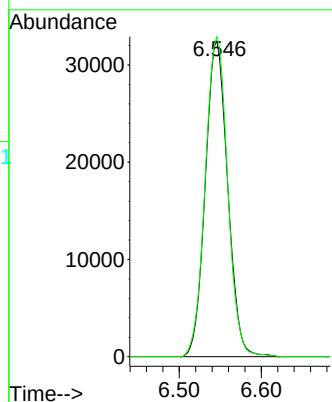
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



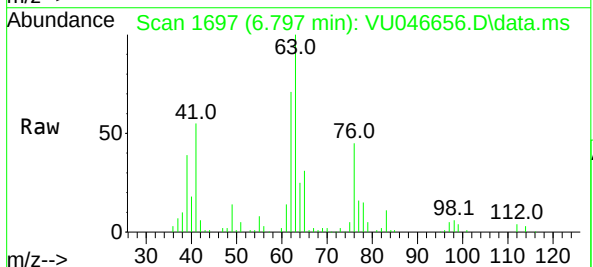
Tgt Ion:130 Resp: 61338
Ion Ratio Lower Upper
130 100
95 101.4 83.8 125.8

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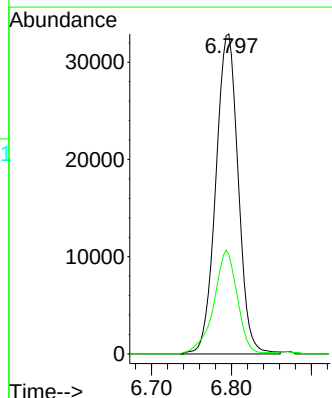
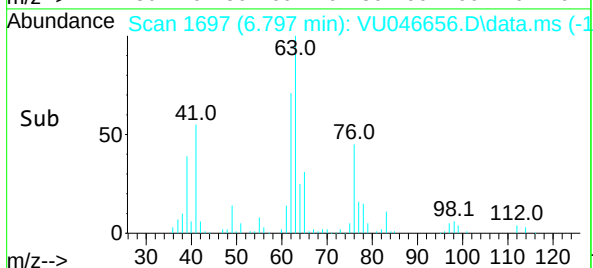
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

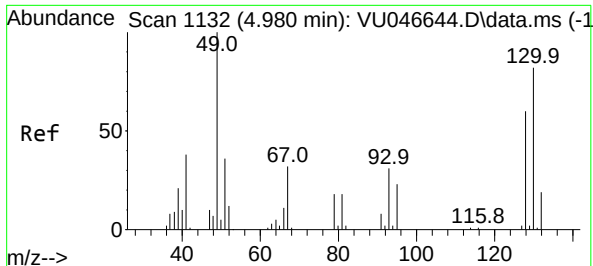


#38
1,2-Dichloropropane
Concen: 10.010 ug/l
RT: 6.797 min Scan# 1697
Delta R.T. 0.004 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13



Tgt Ion: 63 Resp: 63908
Ion Ratio Lower Upper
63 100
65 31.1 24.7 37.1





#39

Methacrylonitrile

Concen: 10.086 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

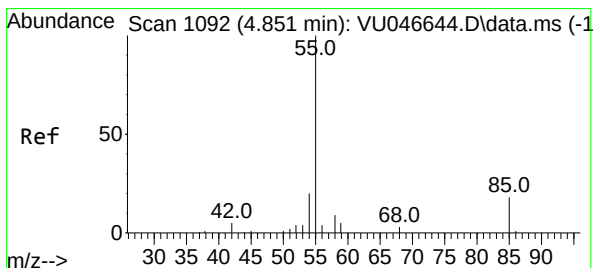
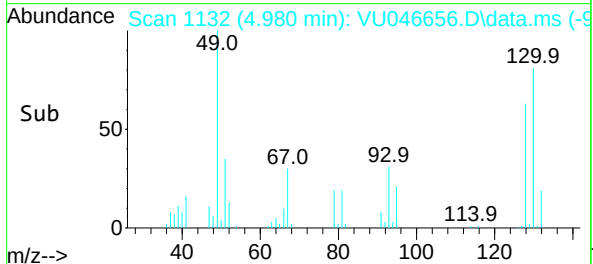
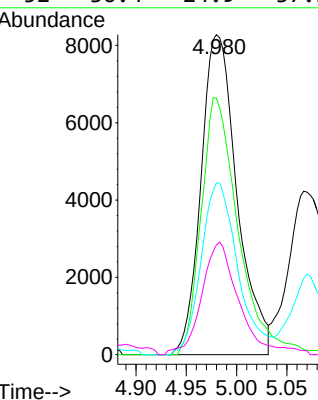
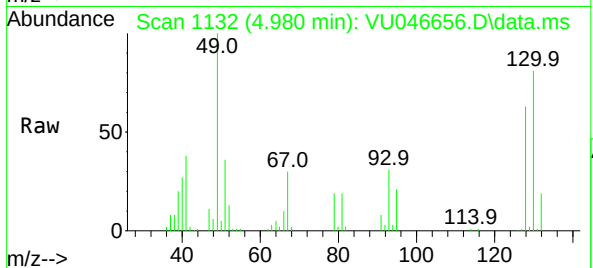
VSTDCCC010

Tgt Ion: 41	Resp: 2065
Ion Ratio	Lower Upper
41 100	
67 82.8	65.2 97.8
39 54.8	43.0 64.6
52 36.4	24.9 37.3

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Supervised By :Mahesh Dadoda 01/03/2022



#40

Methyl acrylate

Concen: 11.413 ug/l

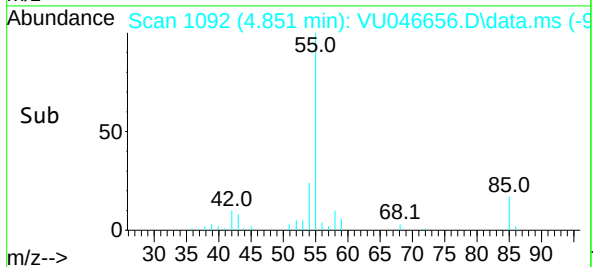
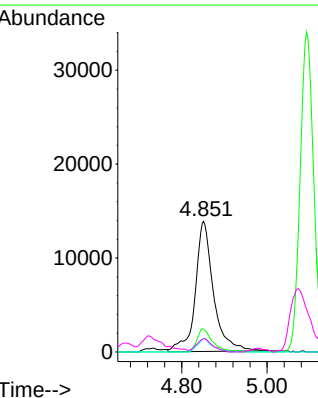
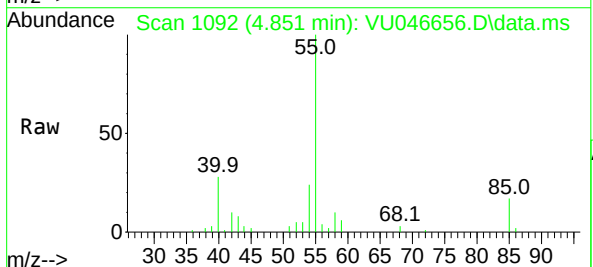
RT: 4.851 min Scan# 1092

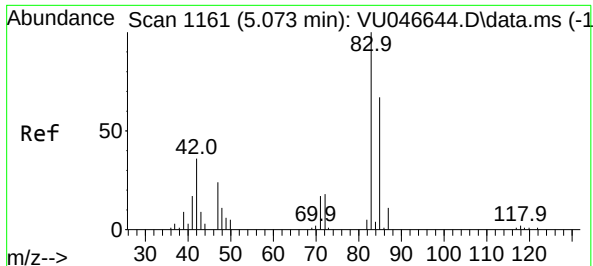
Delta R.T. 0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Tgt Ion: 55	Resp: 40978
Ion Ratio	Lower Upper
55 100	
85 14.9	12.2 18.2
58 8.2	6.7 10.1
42 9.0	6.9 10.3





#41

Tetrahydrofuran

Concen: 22.056 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. 0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

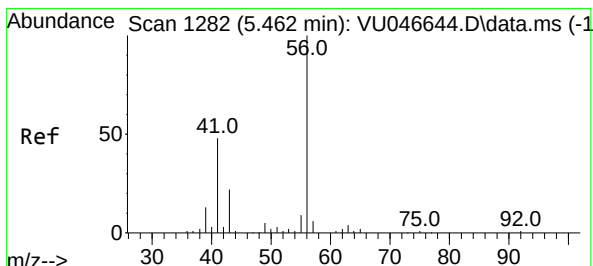
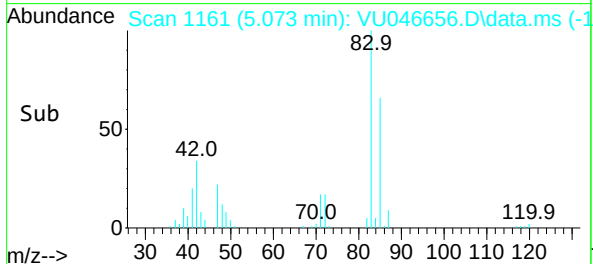
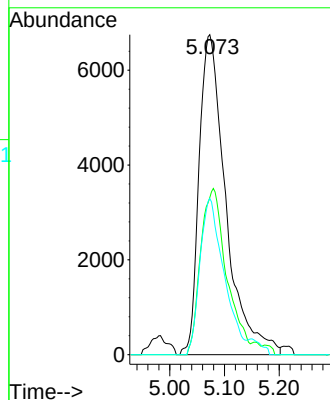
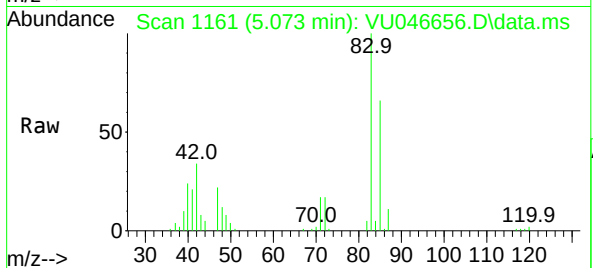
VSTDCCC010

Tgt Ion:	42	Resp:	22929
Ion Ratio	Lower	Upper	
42	100		
72	50.3	42.4	63.6
71	43.9	36.4	54.6

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#42

1-Chlorobutane

Concen: 10.532 ug/l

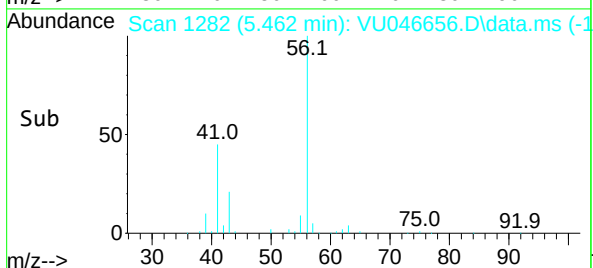
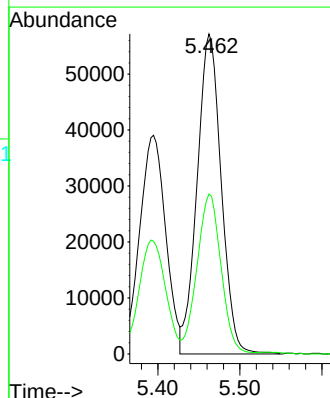
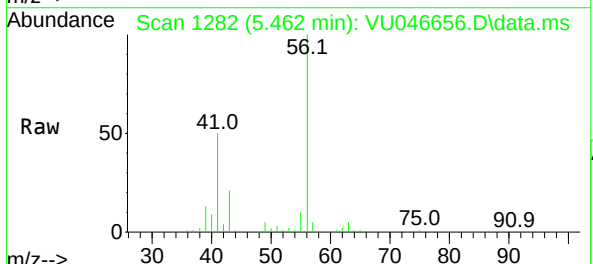
RT: 5.462 min Scan# 1282

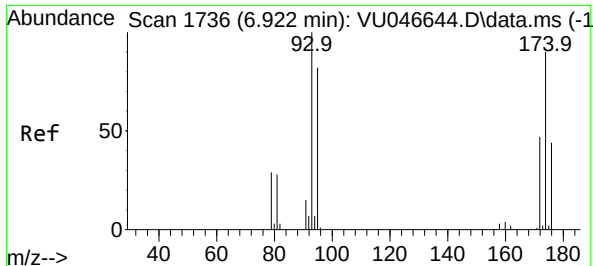
Delta R.T. 0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

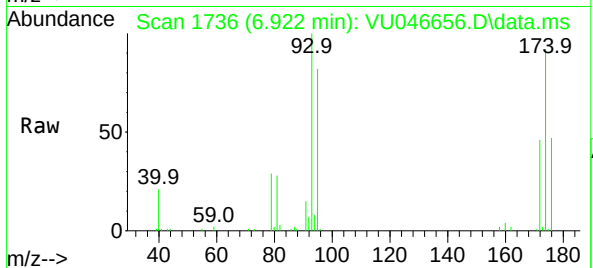
Tgt Ion:	56	Resp:	116779
Ion Ratio	Lower	Upper	
56	100		
41	49.2	26.0	78.0





#43
Dibromomethane
Concen: 9.559 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

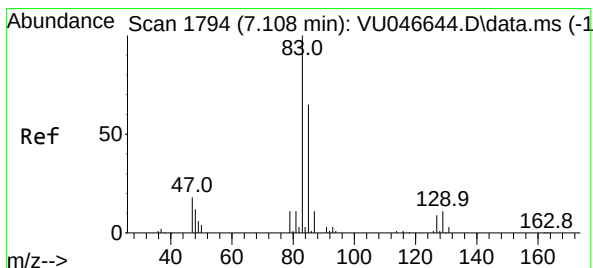
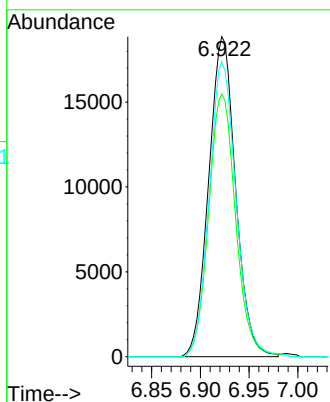
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 93 Resp: 36120
Ion Ratio Lower Upper
93 100
95 82.4 66.2 99.2
174 92.4 70.7 106.1

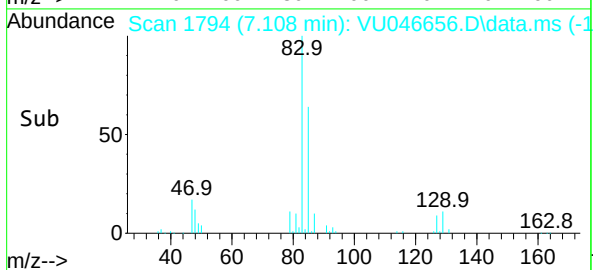
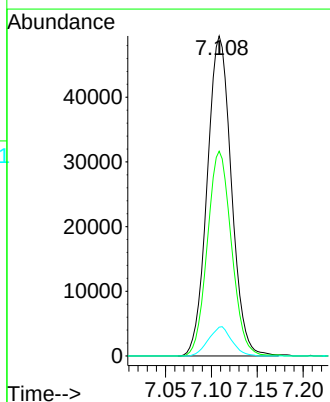
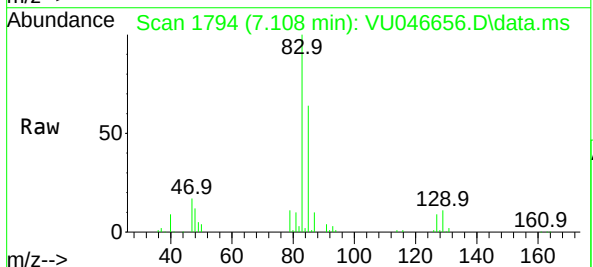
Manual Integrations
APPROVED

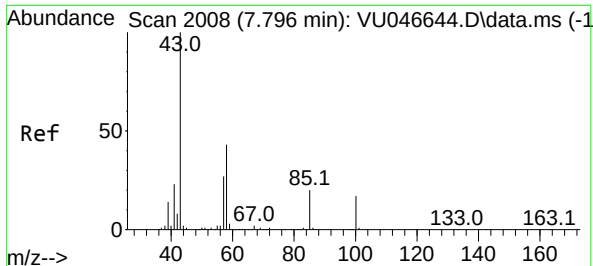
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#44
Bromodichloromethane
Concen: 9.631 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Tgt Ion: 83 Resp: 90593
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 9.0 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 51.931 ug/l

RT: 7.797 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 20988

Ion Ratio Lower Upper

43 100

58 42.5 21.0 63.0

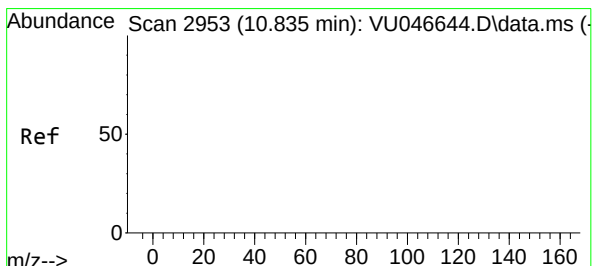
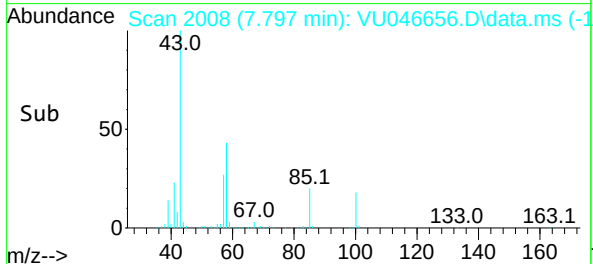
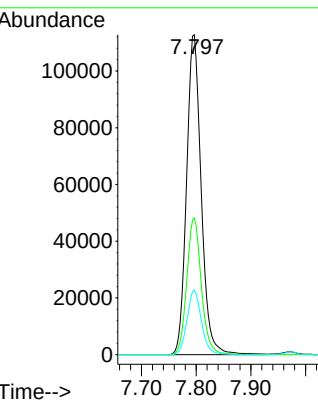
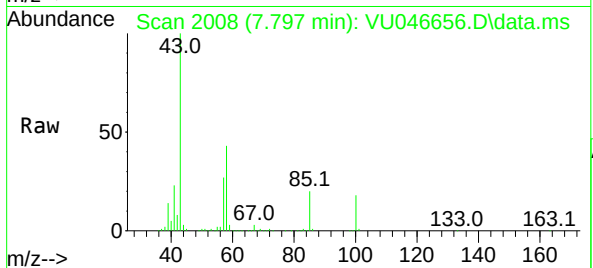
85 19.9 14.8 22.2

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: 18.540 ug/l m

RT: 10.835 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Tgt Ion: 75 Resp: 40382

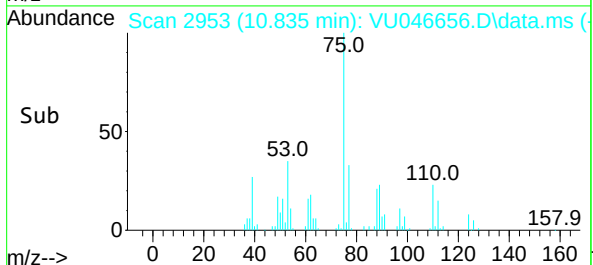
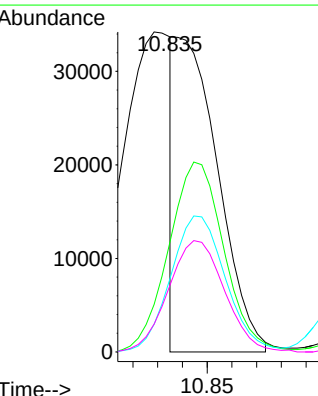
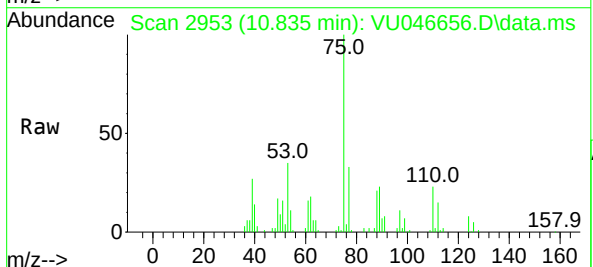
Ion Ratio Lower Upper

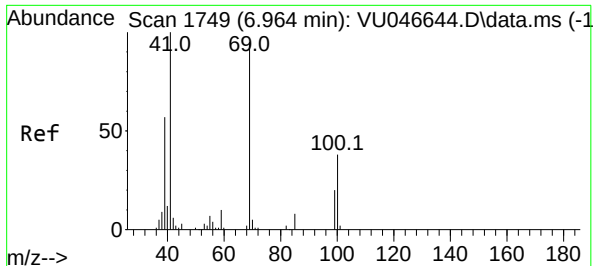
75 100

53 78.3 66.8 100.2

89 55.6 41.7 62.5

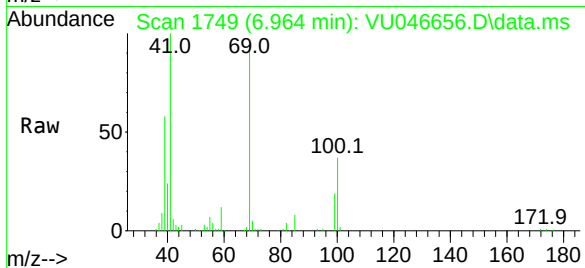
88 46.7 32.3 48.5





#47
Methyl methacrylate
Concen: 21.685 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

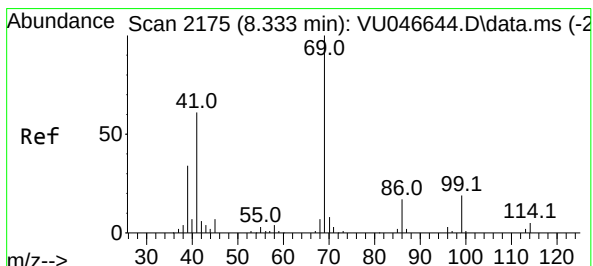
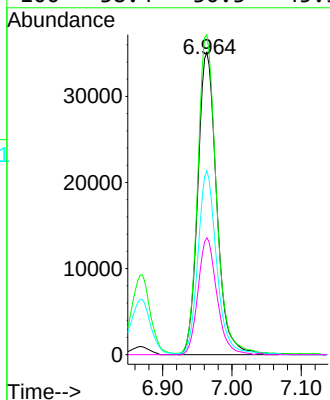
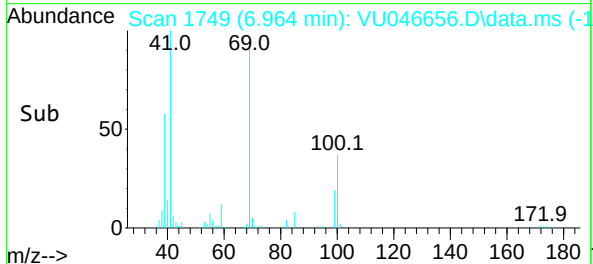
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



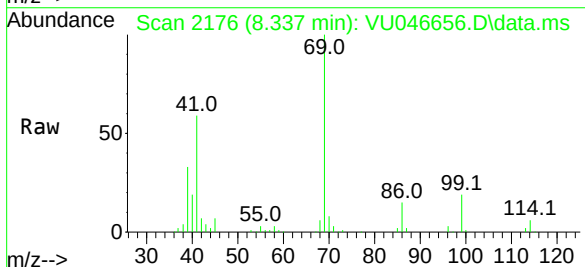
Tgt Ion: 69 Resp: 6665
Ion Ratio Lower Upper
69 100
41 103.2 0.0 230.0
39 60.4 55.1 82.7
100 38.4 30.3 45.5

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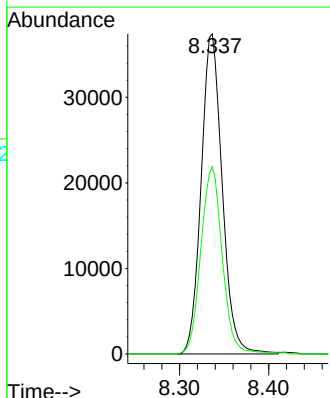
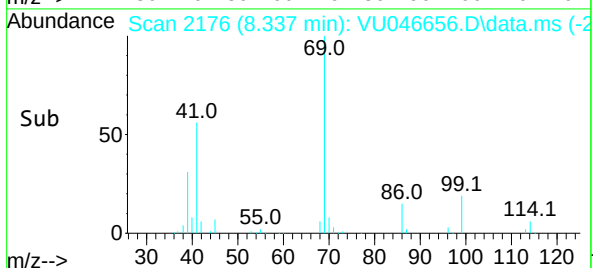
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

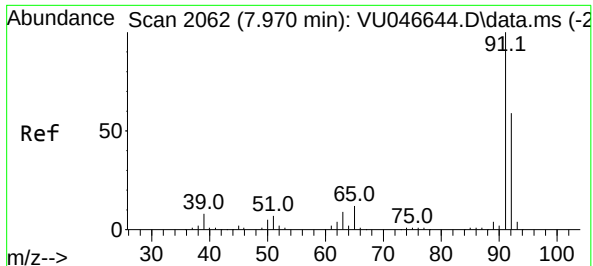


#48
Ethyl methacrylate
Concen: 11.213 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13



Tgt Ion: 69 Resp: 61437
Ion Ratio Lower Upper
69 100
41 59.5 32.6 98.0





#49

Toluene

Concen: 10.856 ug/l

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 92 Resp: 153194

Ion Ratio Lower Upper

92 100

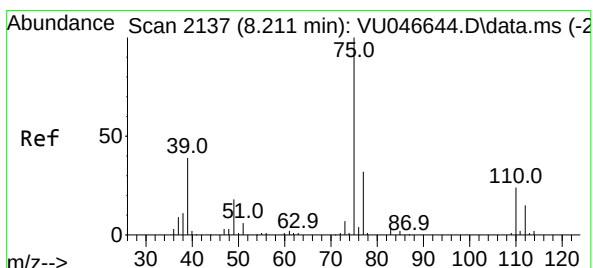
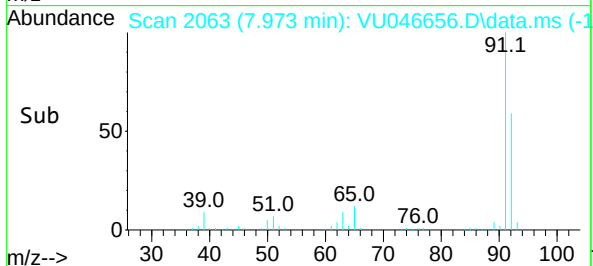
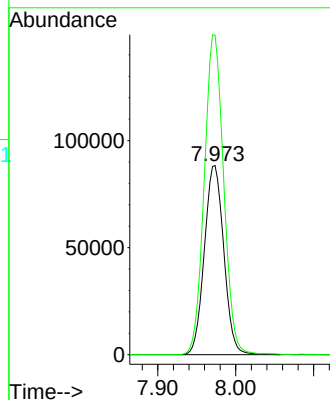
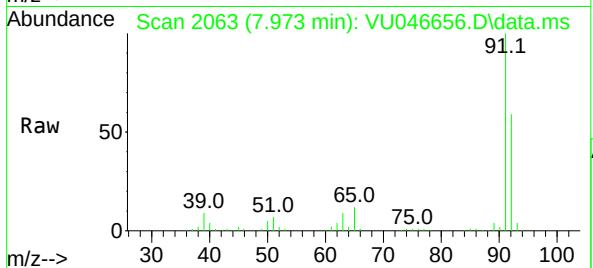
91 168.9 136.8 205.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#50

t-1,3-Dichloropropene

Concen: 10.333 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU046656.D

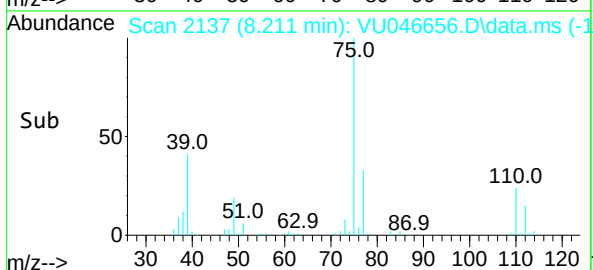
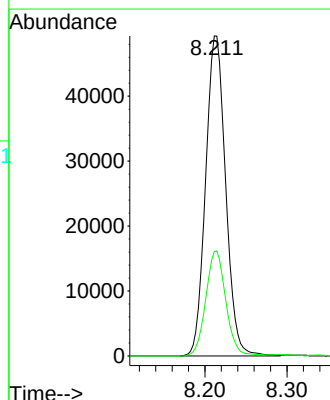
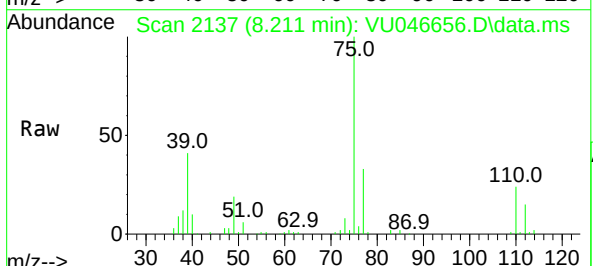
Acq: 30 Dec 2021 18:13

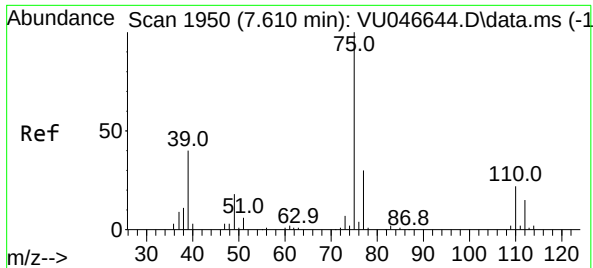
Tgt Ion: 75 Resp: 83714

Ion Ratio Lower Upper

75 100

77 32.7 25.6 38.4





#51

cis-1,3-Dichloropropene

Concen: 10.288 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 9178

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

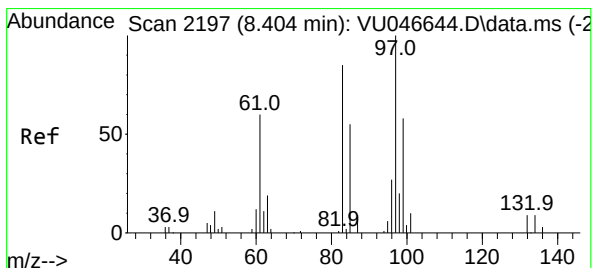
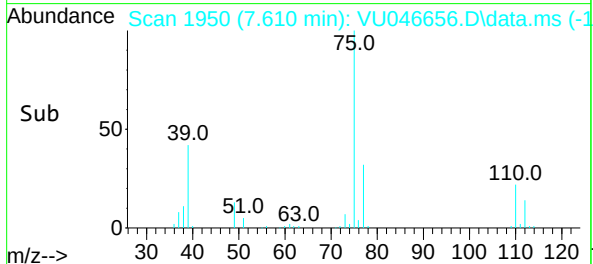
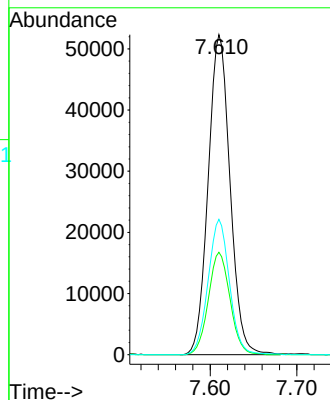
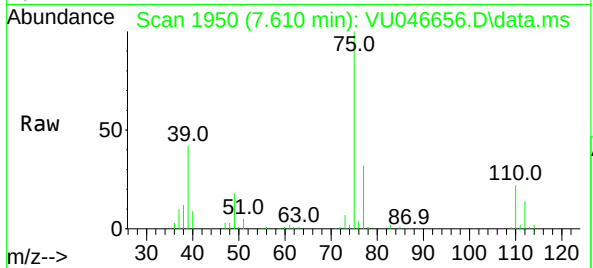
39 42.3 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#52

1,1,2-Trichloroethane

Concen: 9.399 ug/l

RT: 8.404 min Scan# 2197

Delta R.T. 0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Tgt Ion: 97 Resp: 49387

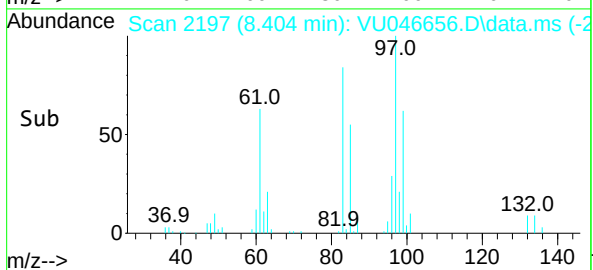
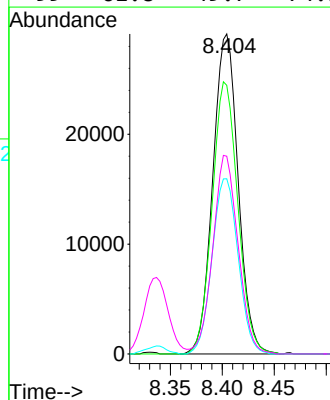
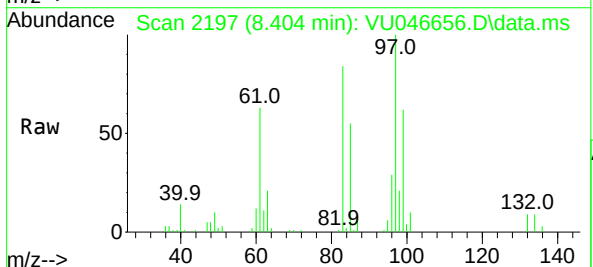
Ion Ratio Lower Upper

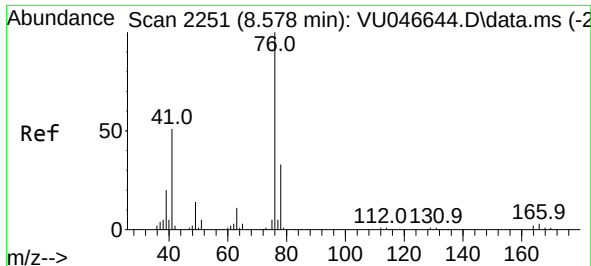
97 100

83 83.9 69.8 104.8

85 54.8 44.2 66.4

99 61.8 49.7 74.5





#53

1,3-Dichloropropane

Concen: 9.803 ug/l

RT: 8.578 min Scan# 2251

Delta R.T. -0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 87970

Ion Ratio Lower Upper

76 100

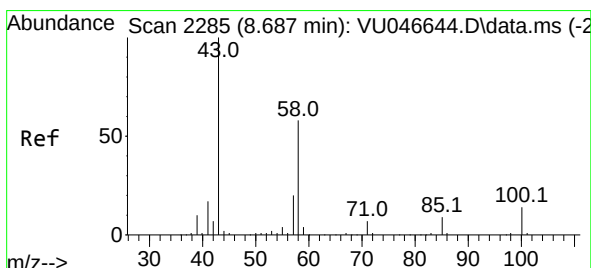
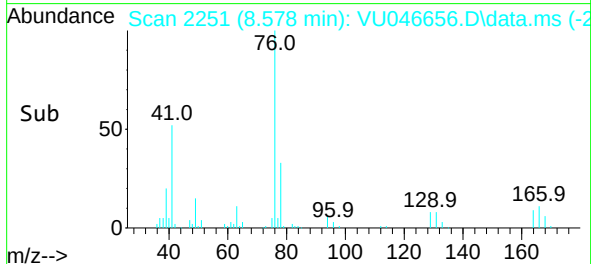
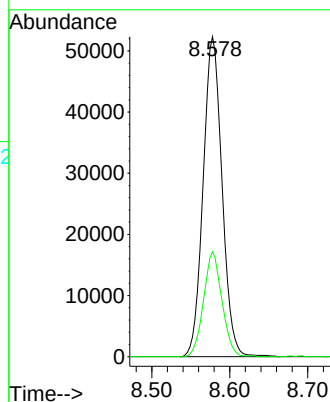
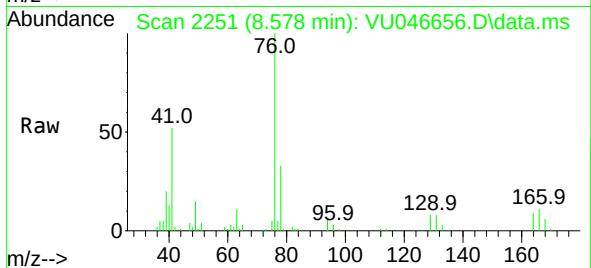
78 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#54

2-Hexanone

Concen: 51.465 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

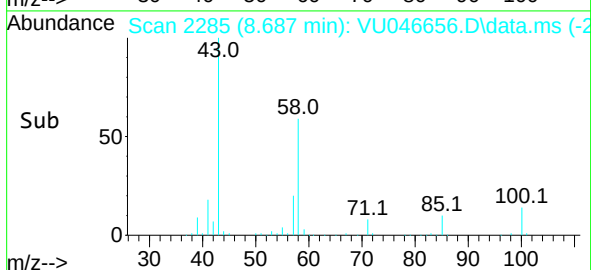
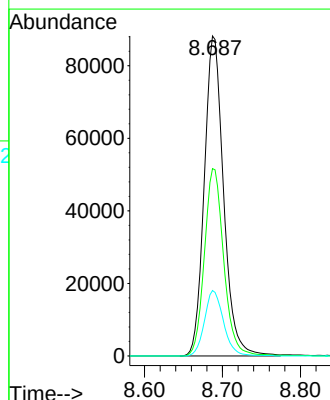
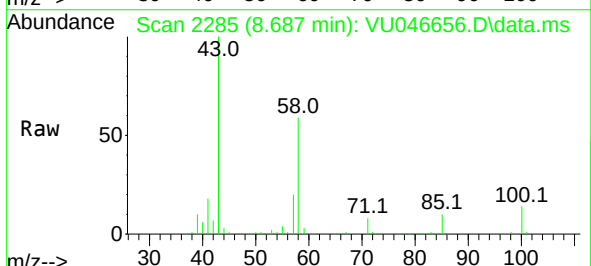
Tgt Ion: 43 Resp: 151994

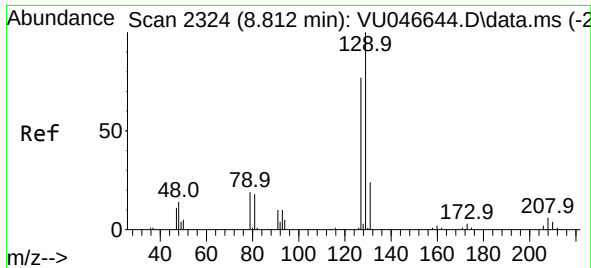
Ion Ratio Lower Upper

43 100

58 58.6 37.7 77.7

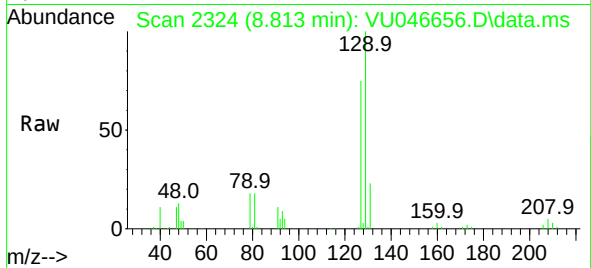
57 20.2 0.5 40.5





#55
Dibromochloromethane
Concen: 9.661 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.001 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

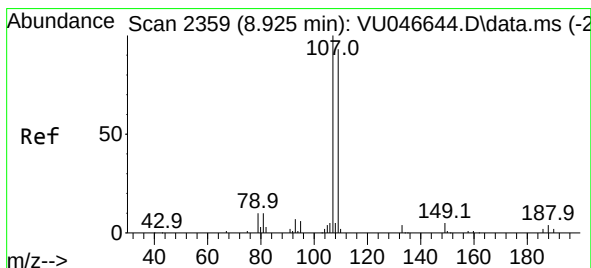
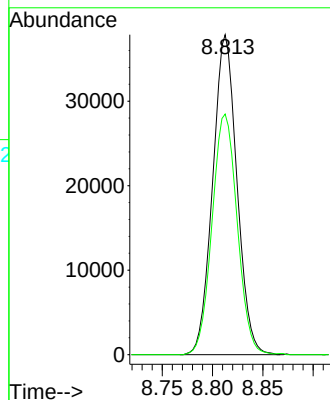
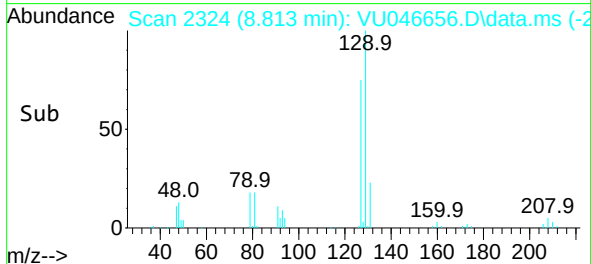
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



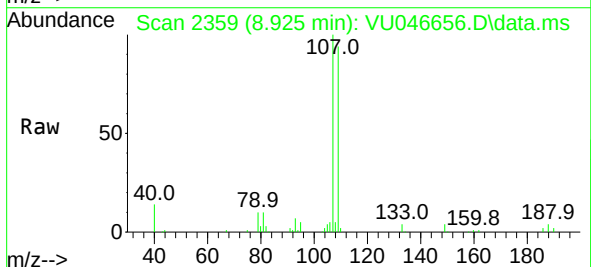
Tgt Ion:129 Resp: 63490
Ion Ratio Lower Upper
129 100
127 77.9 62.2 93.4

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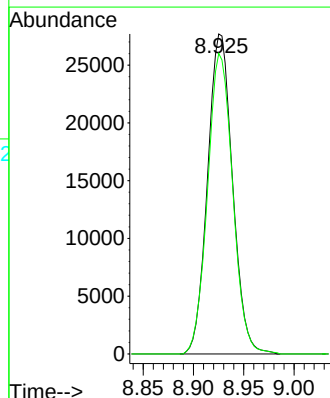
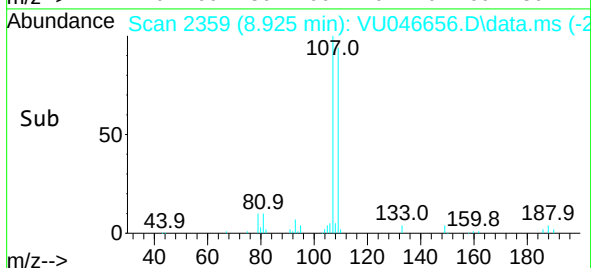
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

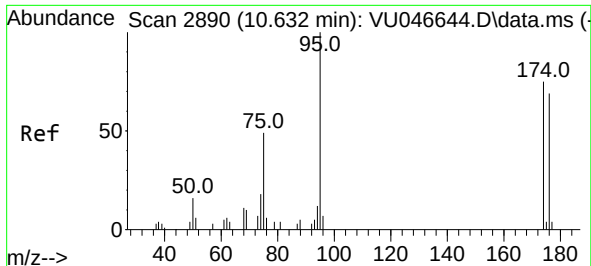


#56
1,2-Dibromoethane
Concen: 9.541 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13



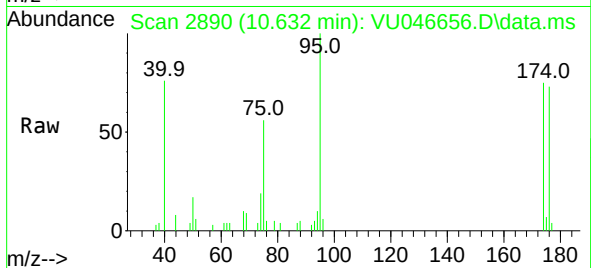
Tgt Ion:107 Resp: 47754
Ion Ratio Lower Upper
107 100
109 94.6 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.023 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

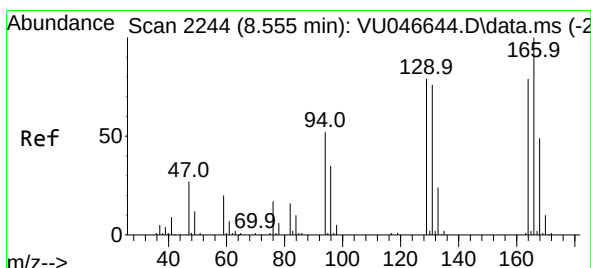
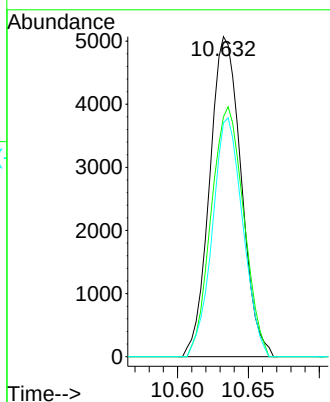
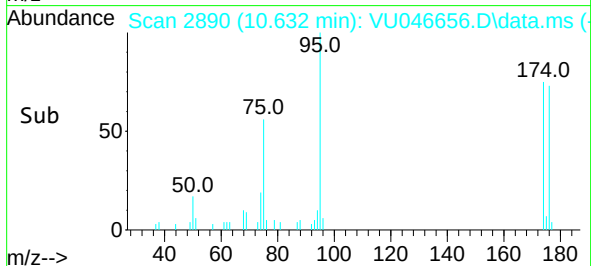
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 95 Resp: 784
Ion Ratio Lower Upper
95 100
174 80.4 56.6 84.8
176 72.0 54.3 81.5

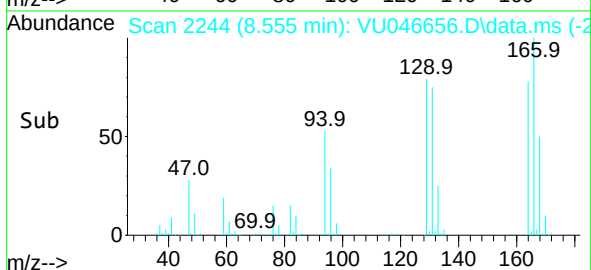
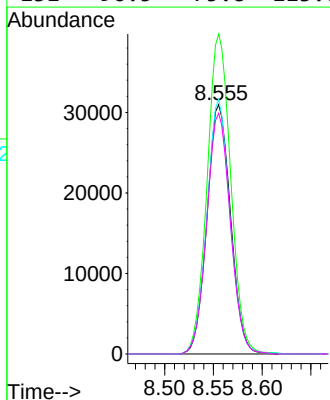
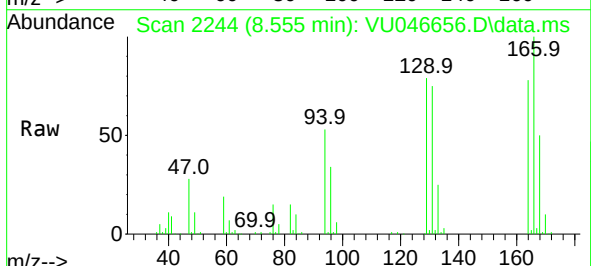
Manual Integrations
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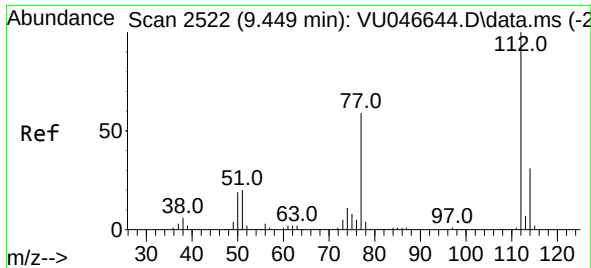
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#58
Tetrachloroethene
Concen: 9.586 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

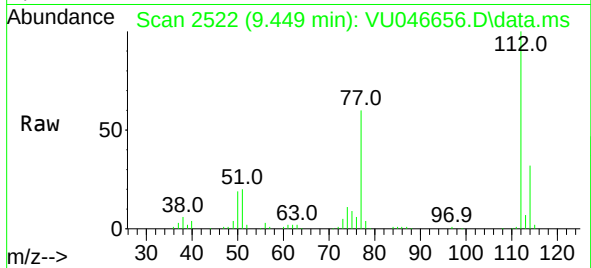
Tgt Ion:164 Resp: 52216
Ion Ratio Lower Upper
164 100
166 128.4 102.0 153.0
129 102.0 77.1 115.7
131 96.5 75.8 113.6





#59
Chlorobenzene
Concen: 10.346 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

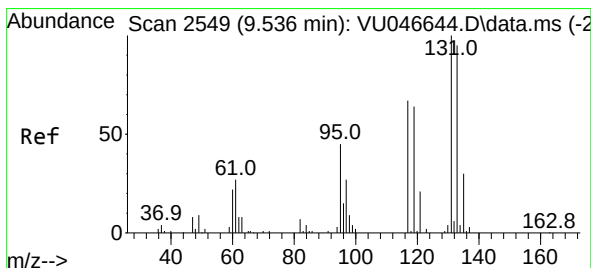
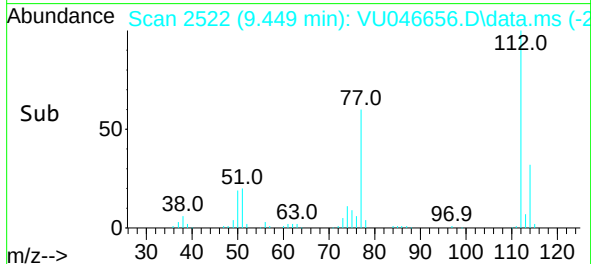
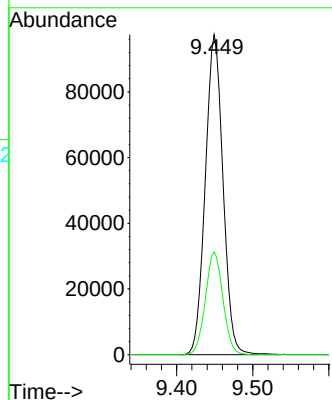
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 15757
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

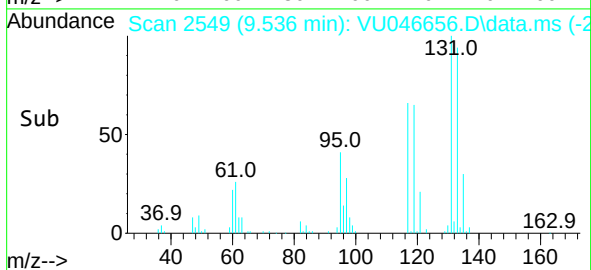
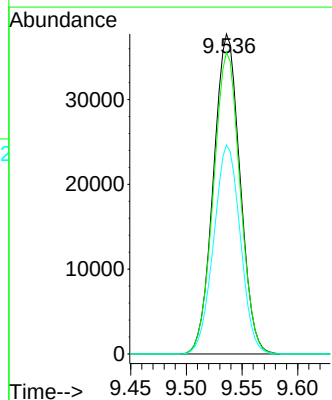
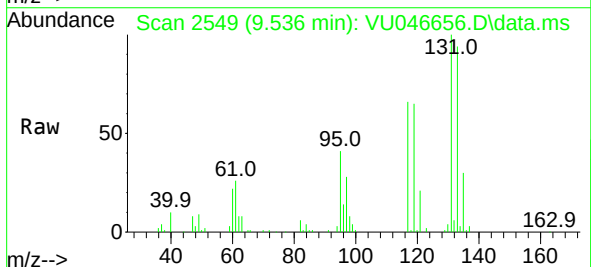
Manual Integrations
APPROVED

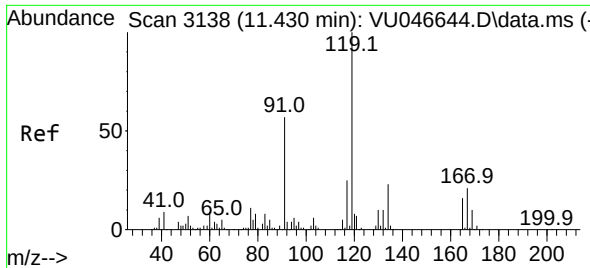
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 9.785 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Tgt Ion:131 Resp: 62579
Ion Ratio Lower Upper
131 100
133 94.6 76.0 114.0
119 65.5 54.9 82.3





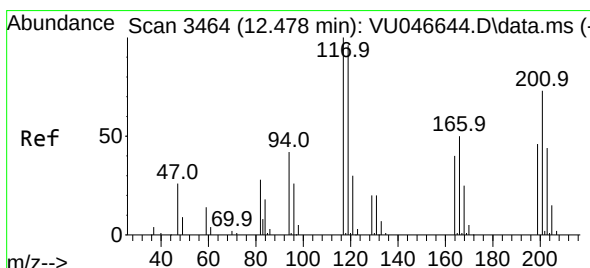
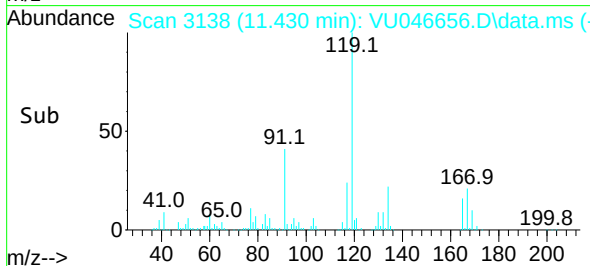
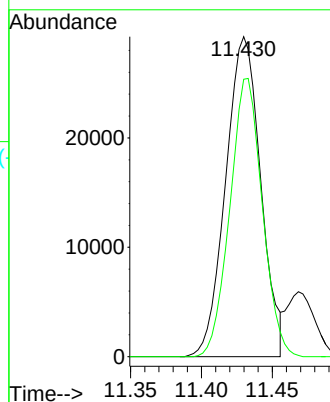
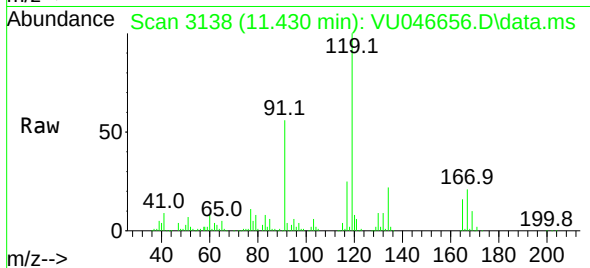
#61
Pentachloroethane
Concen: 9.437 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 5031
Ion Ratio Lower Upper
117 100
167 80.3 59.7 89.5

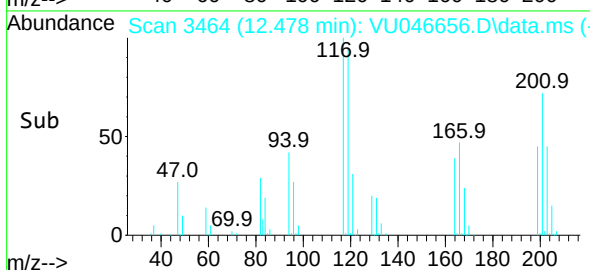
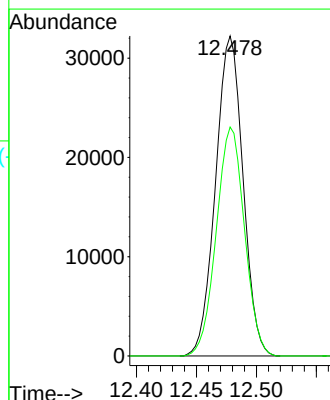
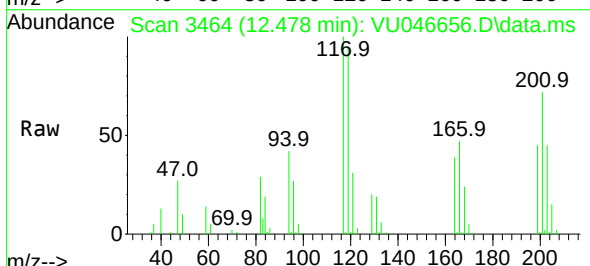
Manual Integrations
APPROVED

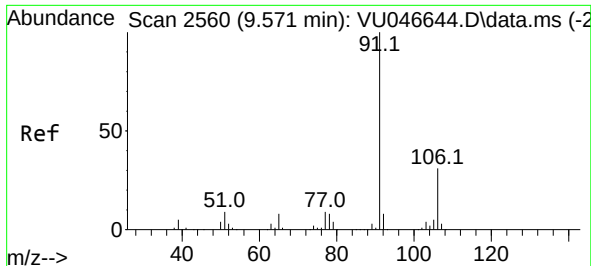
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#62
Hexachloroethane
Concen: 9.588 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Tgt Ion:117 Resp: 51258
Ion Ratio Lower Upper
117 100
201 73.5 53.6 80.4





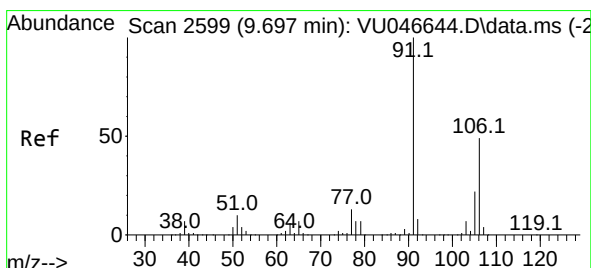
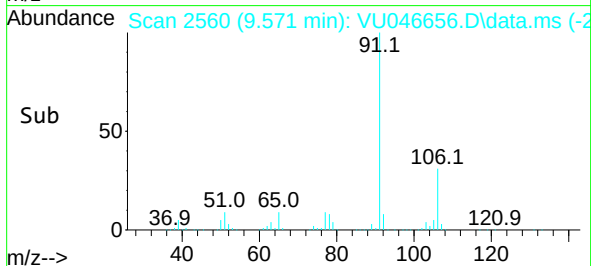
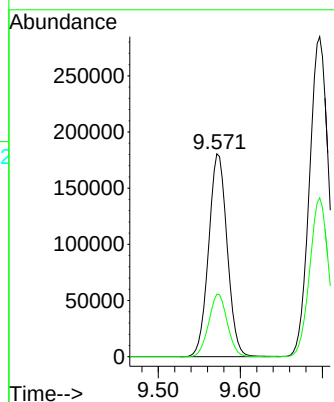
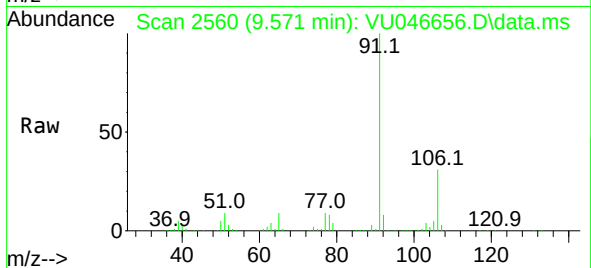
#63
Ethyl Benzene
Concen: 11.338 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 283389
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6

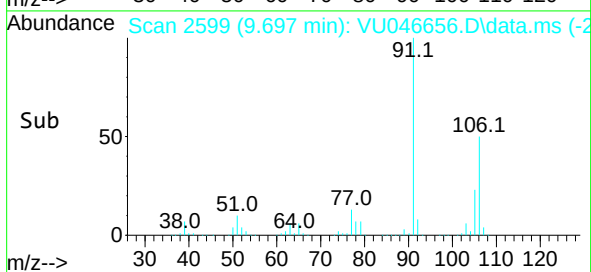
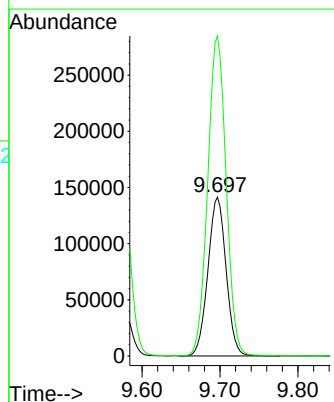
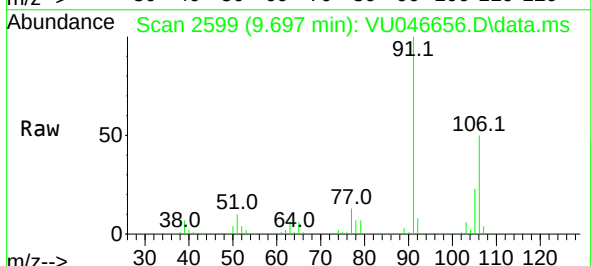
Manual Integrations
APPROVED

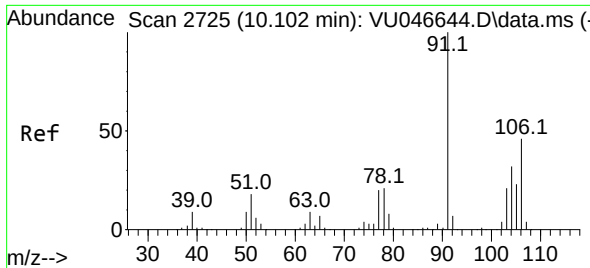
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#64
m/p-Xylenes
Concen: 23.059 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Tgt Ion:106 Resp: 228856
Ion Ratio Lower Upper
106 100
91 205.0 165.5 248.3





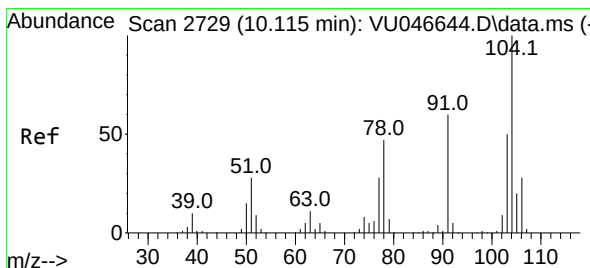
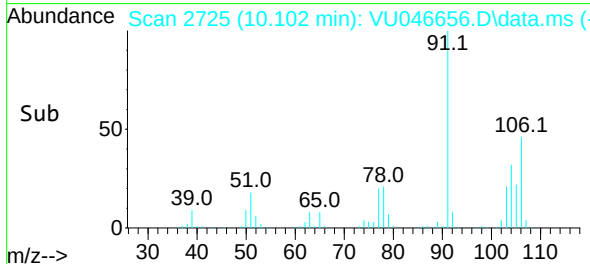
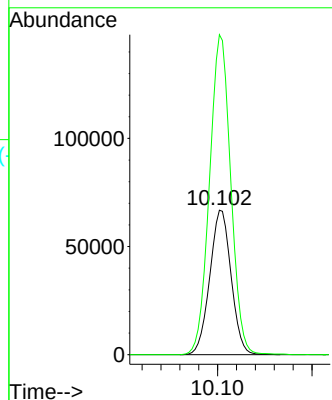
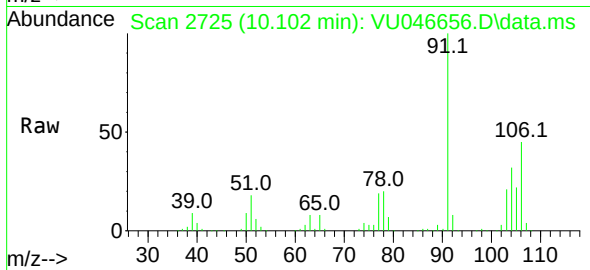
#65
o-Xylene
Concen: 11.140 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 10455
Ion Ratio Lower Upper
106 100
91 220.9 109.4 328.2

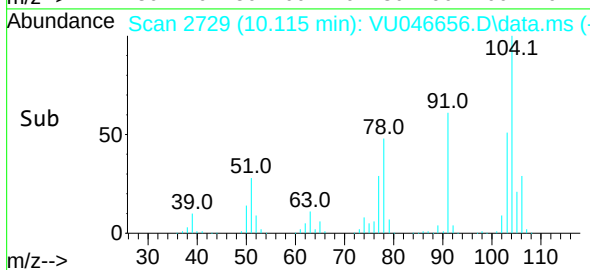
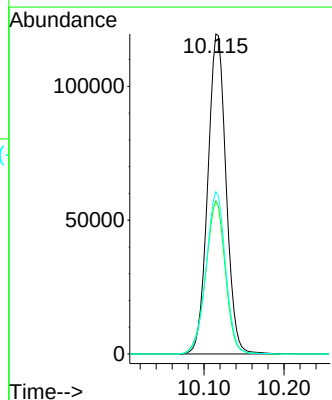
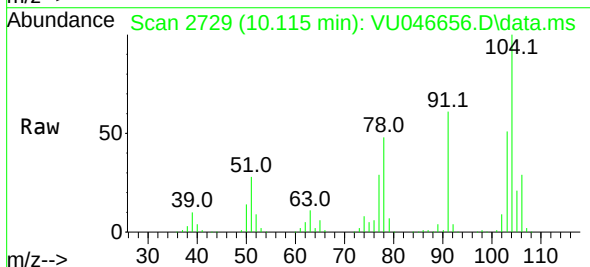
Manual Integrations
APPROVED

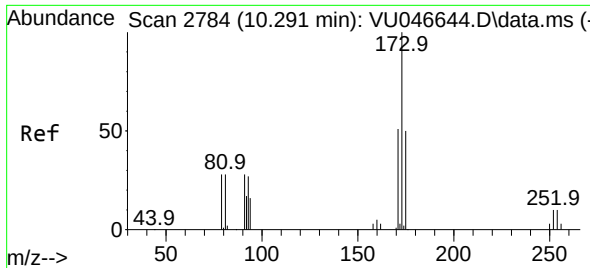
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#66
Styrene
Concen: 11.630 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

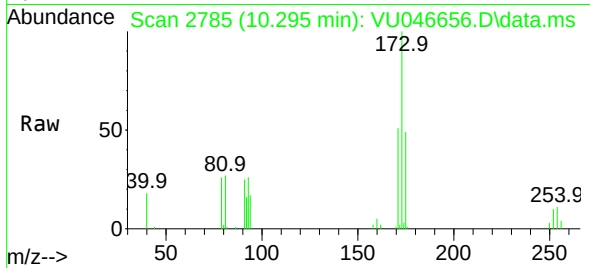
Tgt Ion:104 Resp: 190748
Ion Ratio Lower Upper
104 100
78 51.2 42.4 63.6
103 53.8 44.2 66.4





#67
Bromoform
Concen: 9.589 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

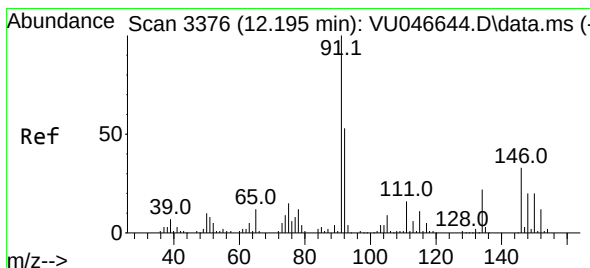
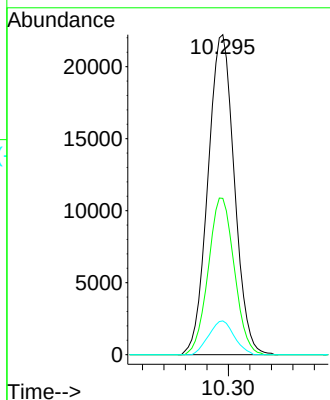
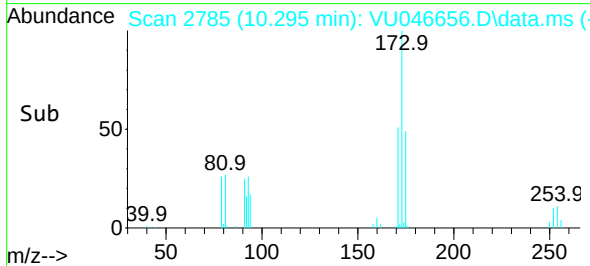
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



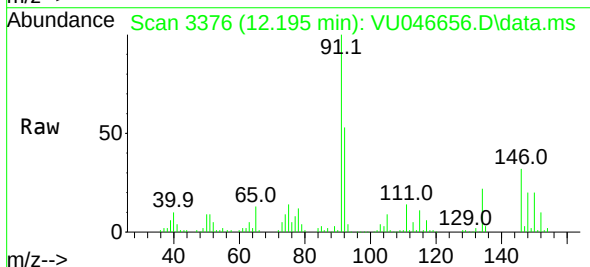
Tgt Ion:173 Resp: 3779
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 10.2 5.5 8.3

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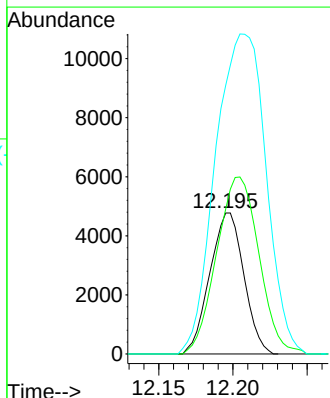
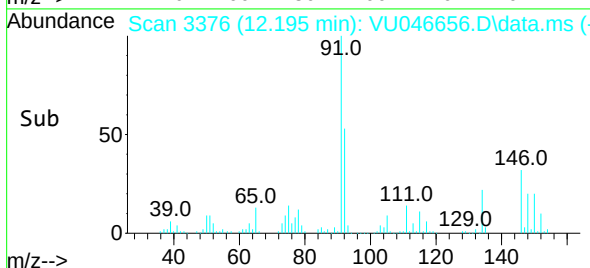
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

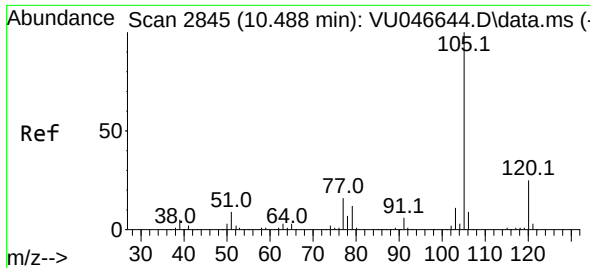


#68
1,2-Dichlorobenzene-d4
Concen: 0.917 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13



Tgt Ion:152 Resp: 7606
Ion Ratio Lower Upper
152 100
115 156.3 0.0 251.0
150 336.8 0.0 613.8





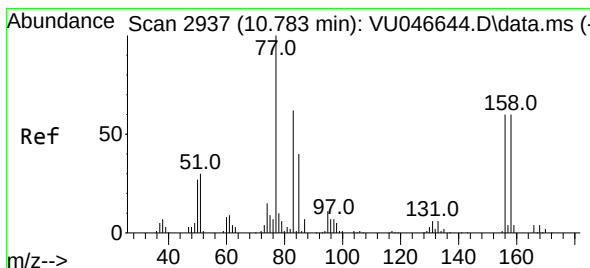
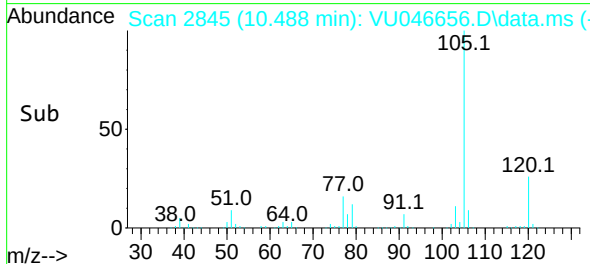
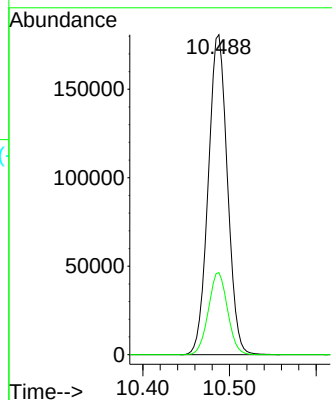
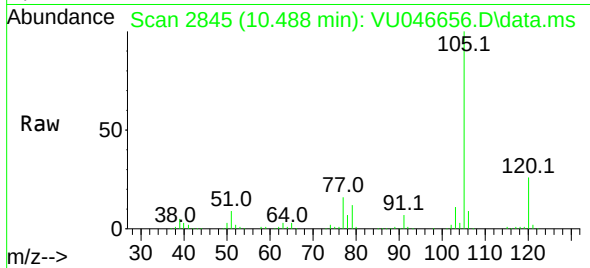
#69
Isopropylbenzene
Concen: 11.233 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 27768
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

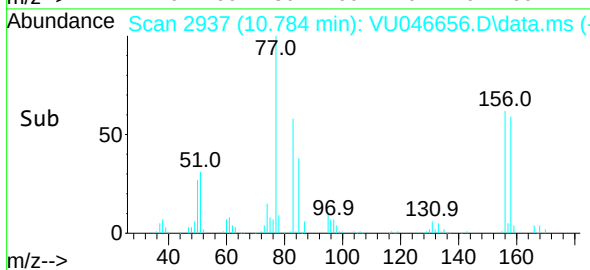
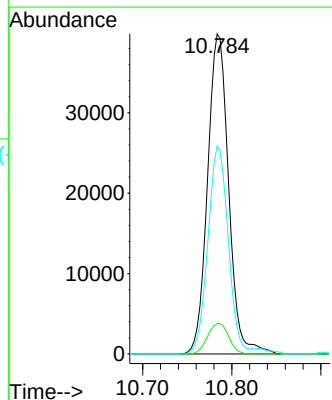
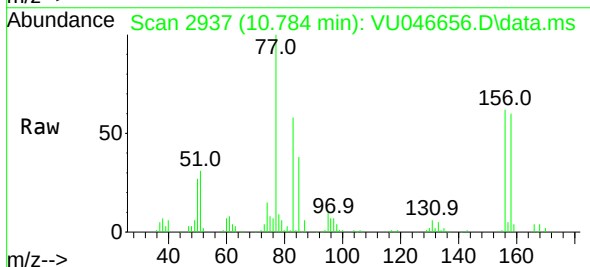
Manual Integrations
APPROVED

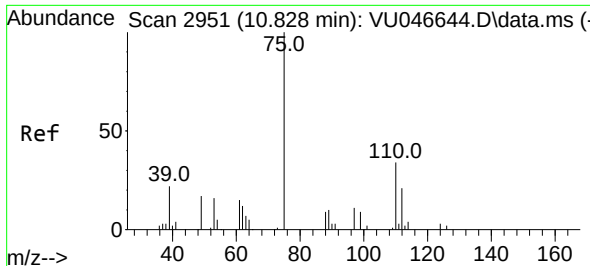
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 9.286 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.001 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

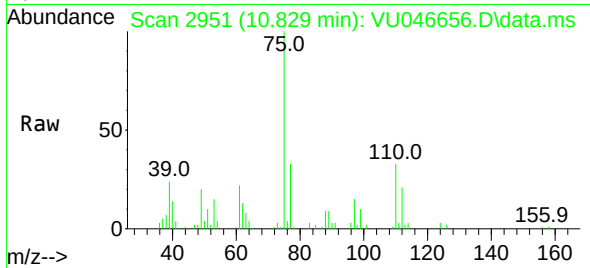
Tgt Ion: 83 Resp: 65330
Ion Ratio Lower Upper
83 100
131 9.5 7.6 11.4
85 62.7 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 9.382 ug/l m
RT: 10.829 min Scan# 2951
Delta R.T. 0.001 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

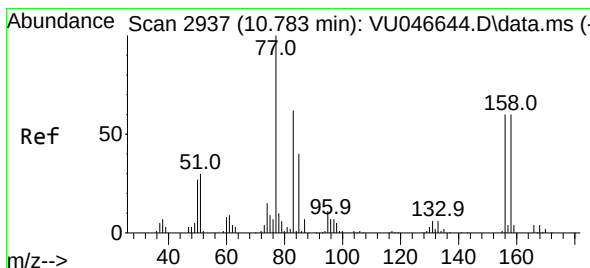
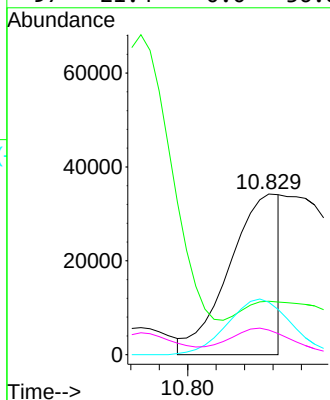
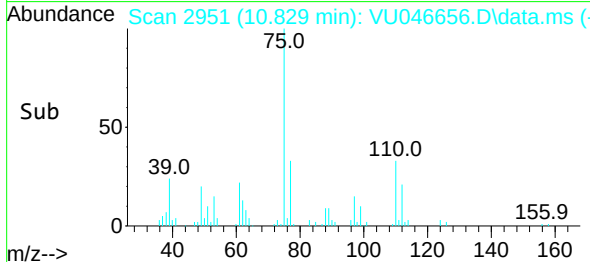
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



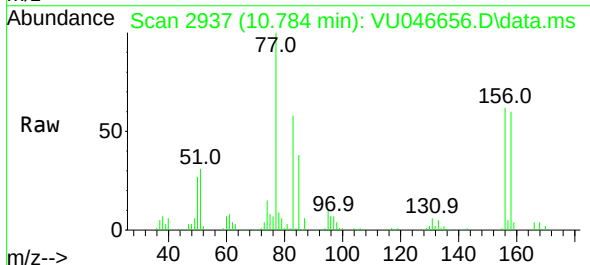
Tgt Ion: 75 Resp: 42195
Ion Ratio Lower Upper
75 100
77 65.0 0.0 105.6
110 44.3 0.0 71.2
97 21.4 0.0 36.8

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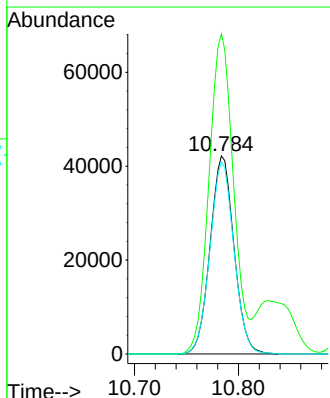
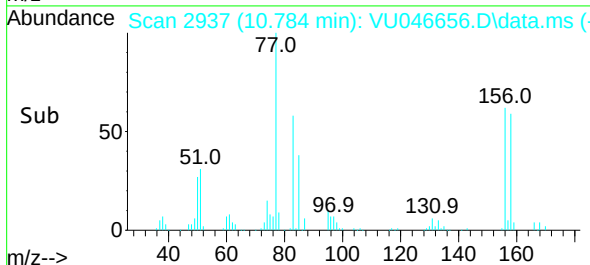
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

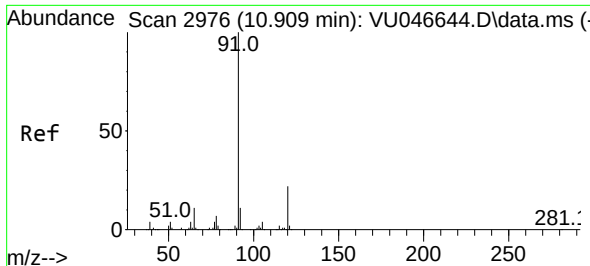


#72
Bromobenzene
Concen: 10.231 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.001 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13



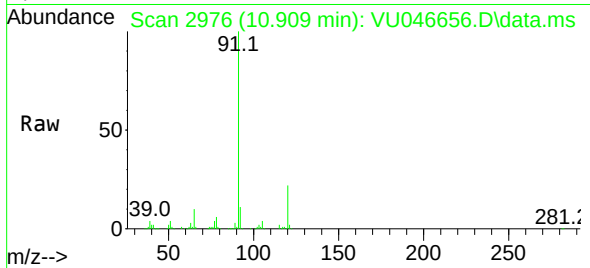
Tgt Ion:156 Resp: 67236
Ion Ratio Lower Upper
156 100
77 166.3 0.0 370.6
158 97.5 0.0 193.4





#73
n-propylbenzene
Concen: 11.187 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

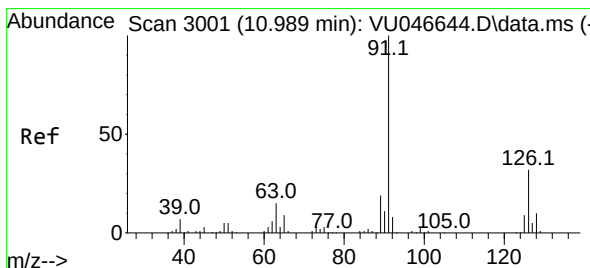
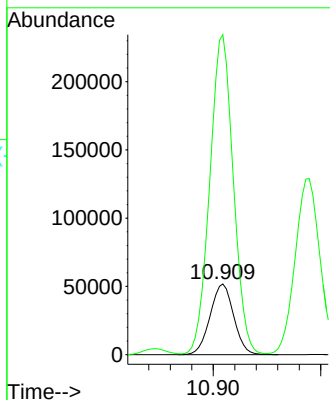
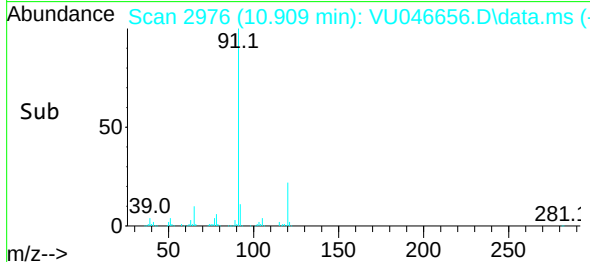
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



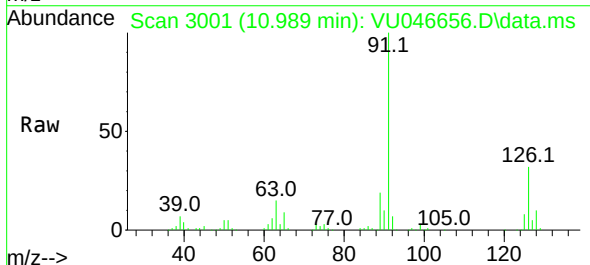
Tgt Ion:120 Resp: 78920
Ion Ratio Lower Upper
120 100
91 452.5 370.7 556.1

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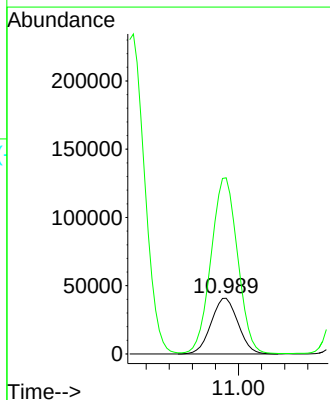
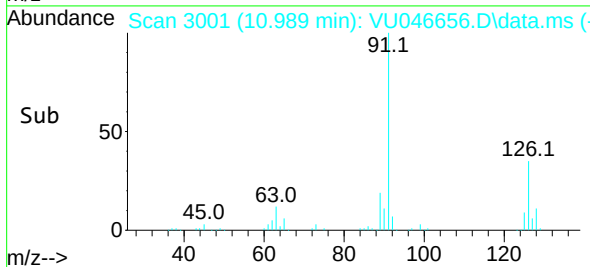
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

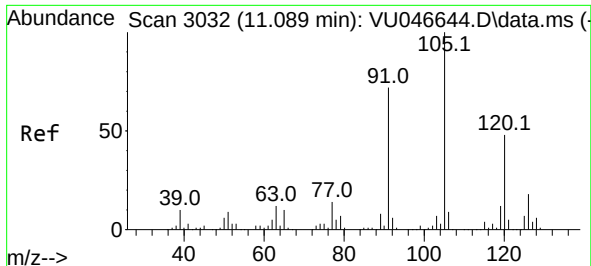


#74
2-Chlorotoluene
Concen: 10.791 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13



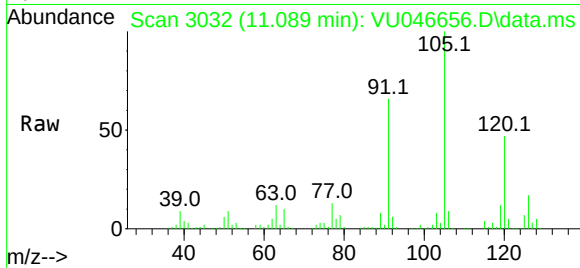
Tgt Ion:126 Resp: 65805
Ion Ratio Lower Upper
126 100
91 314.9 0.0 639.6





#75
1,3,5-Trimethylbenzene
Concen: 9.486 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

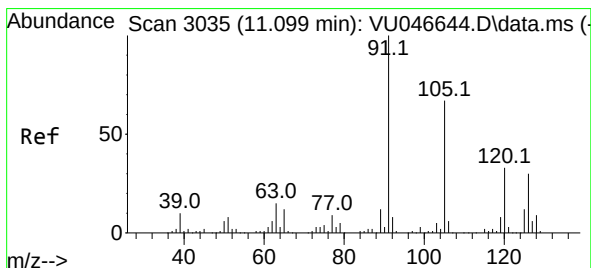
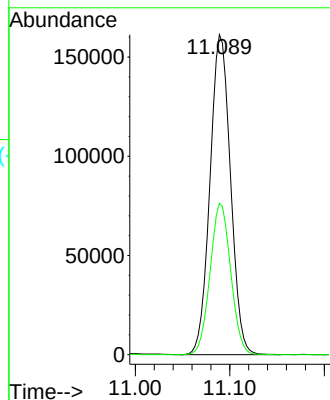
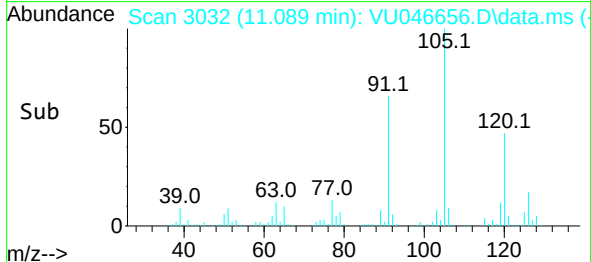
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



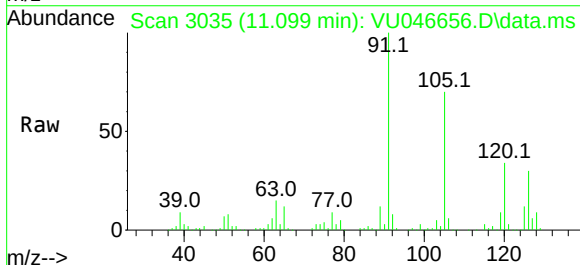
Tgt Ion:105 Resp: 242924
Ion Ratio Lower Upper
105 100
120 47.6 38.6 58.0

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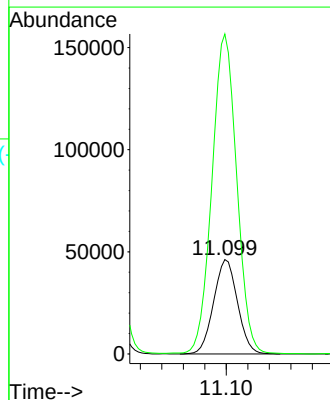
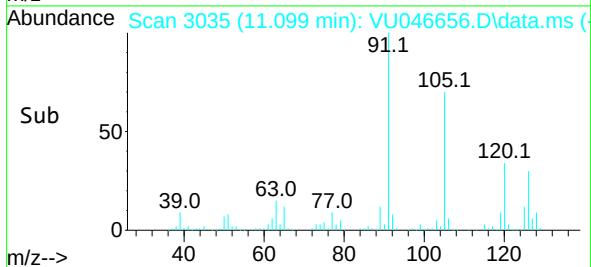
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

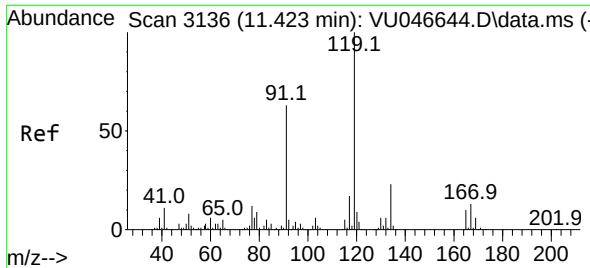


#76
4-Chlorotoluene
Concen: 10.972 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13



Tgt Ion:126 Resp: 71084
Ion Ratio Lower Upper
126 100
91 352.7 0.0 728.0





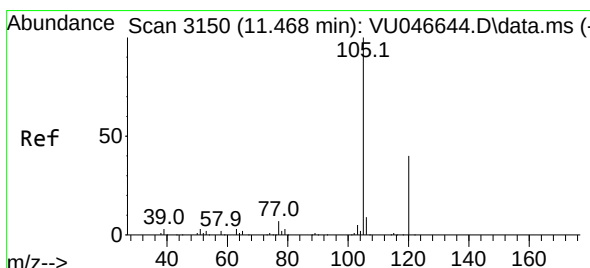
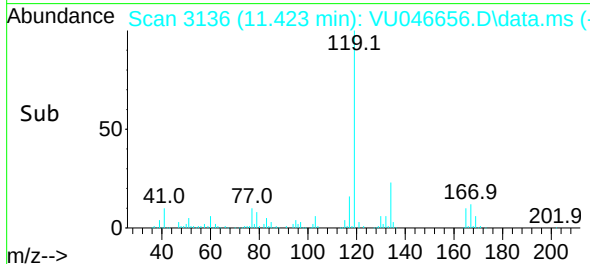
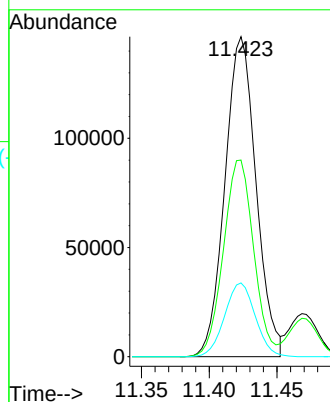
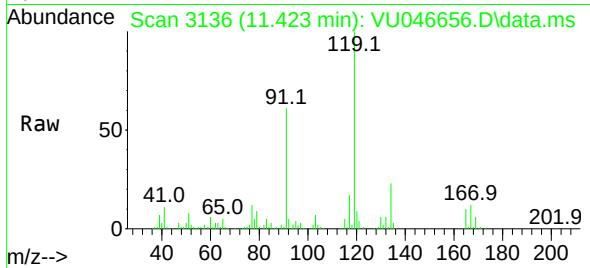
#77
tert-Butylbenzene
Concen: 11.140 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 234048
Ion Ratio Lower Upper
119 100
91 59.6 31.4 94.3
134 22.7 18.5 27.7

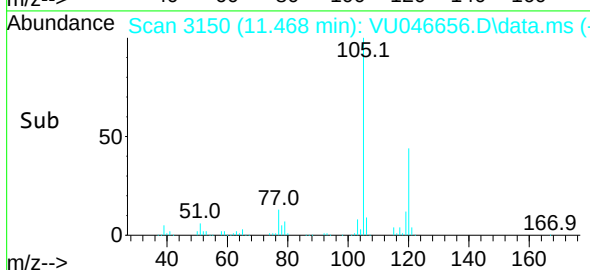
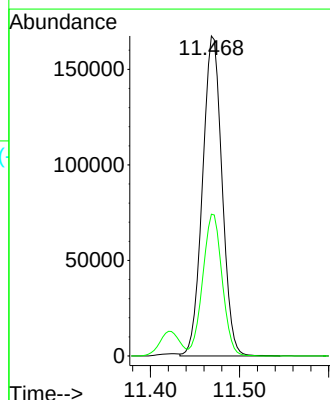
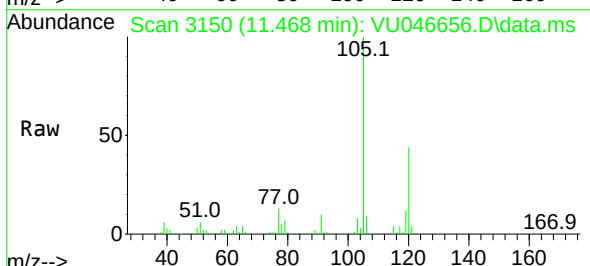
Manual Integrations
APPROVED

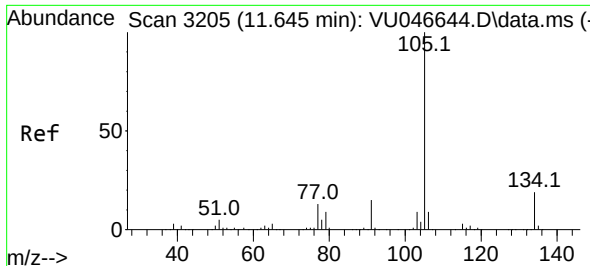
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#78
1,2,4-Trimethylbenzene
Concen: 9.685 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Tgt Ion:105 Resp: 254306
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.8





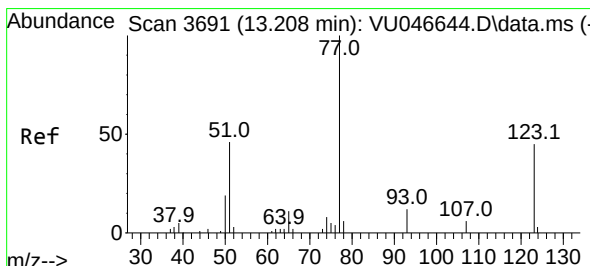
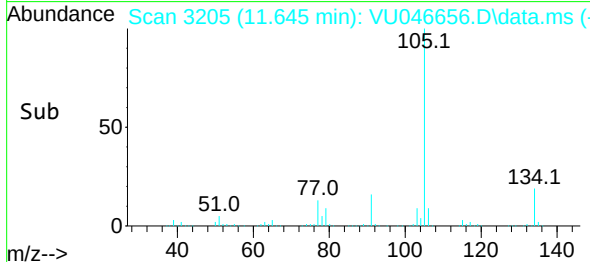
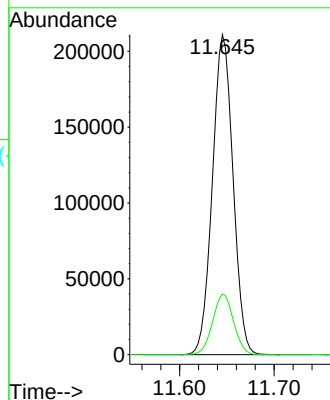
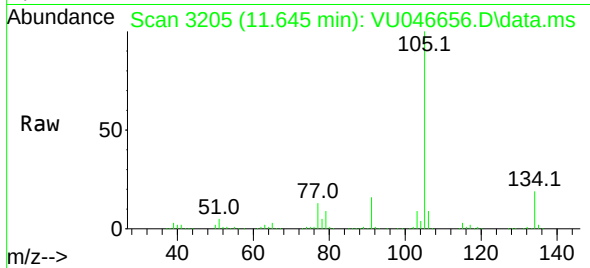
#79
 sec-Butylbenzene
 Concen: 11.218 ug/l
 RT: 11.645 min Scan# 31951
 Delta R.T. 0.000 min
 Lab File: VU046656.D
 Acq: 30 Dec 2021 18:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 31951
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.4 23.0

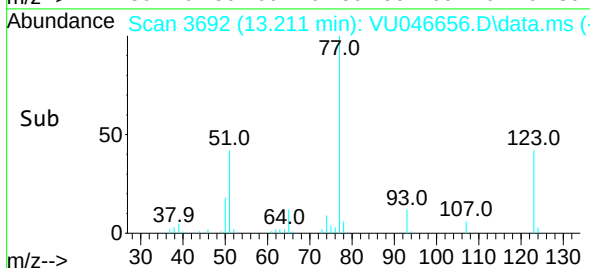
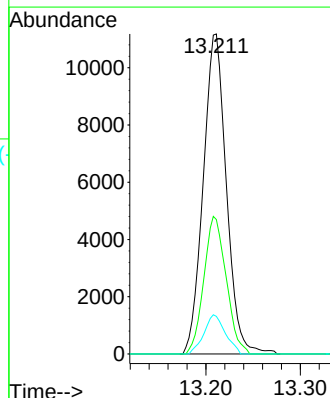
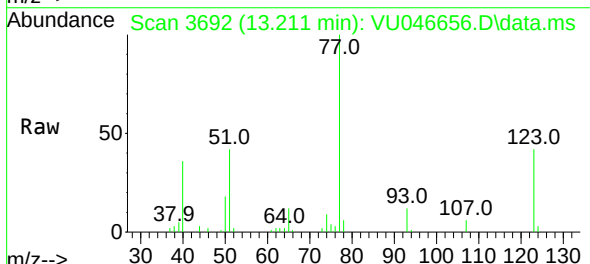
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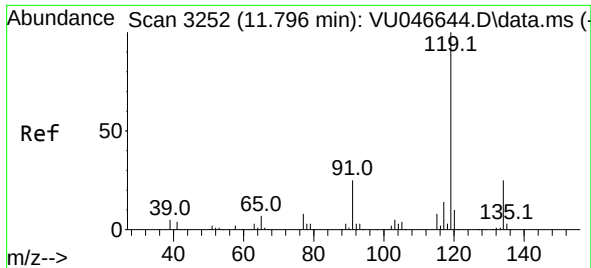
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022



#80
 Nitrobenzene
 Concen: 52.483 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.003 min
 Lab File: VU046656.D
 Acq: 30 Dec 2021 18:13

Tgt Ion: 77 Resp: 19015
 Ion Ratio Lower Upper
 77 100
 123 41.4 18.2 64.4
 65 11.3 12.0 15.2#





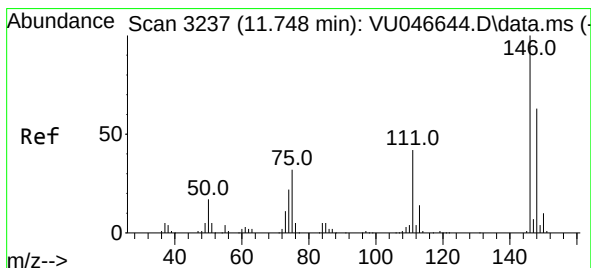
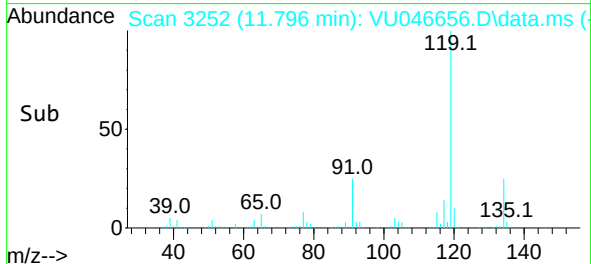
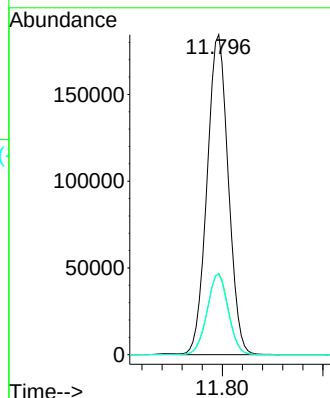
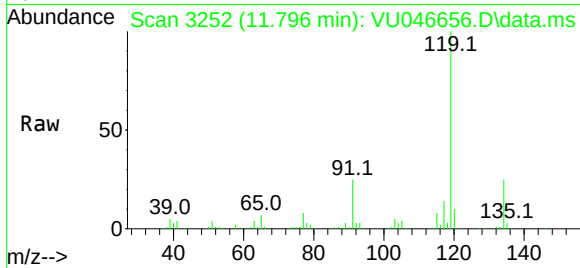
#81
p-Isopropyltoluene
Concen: 9.461 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 270470
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.4
91 25.2 19.9 29.9

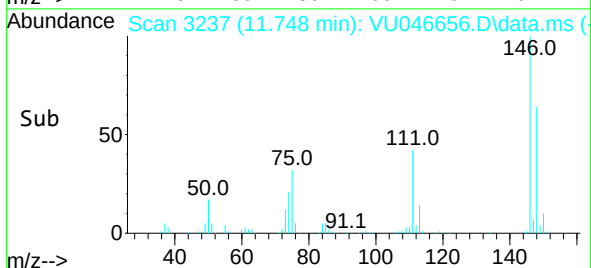
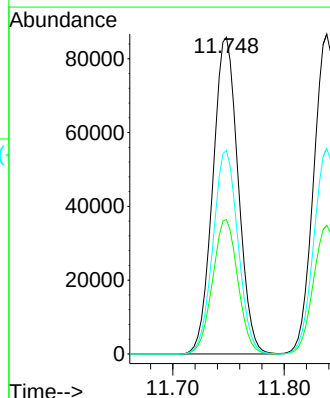
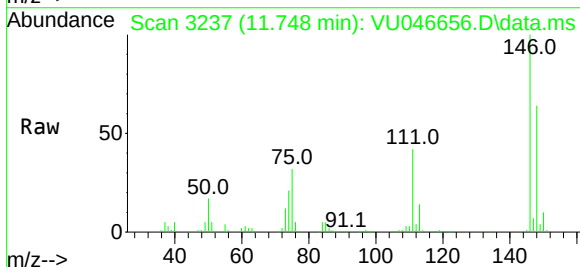
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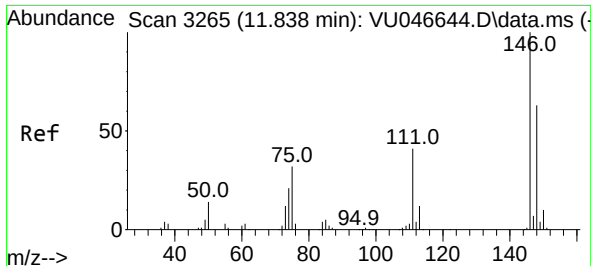
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#82
1,3-Dichlorobenzene
Concen: 10.065 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

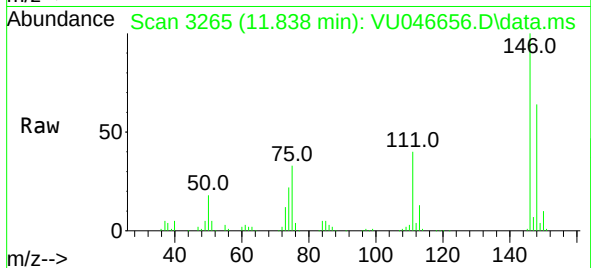
Tgt Ion:146 Resp: 135649
Ion Ratio Lower Upper
146 100
111 42.3 33.9 50.9
148 63.6 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 10.190 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

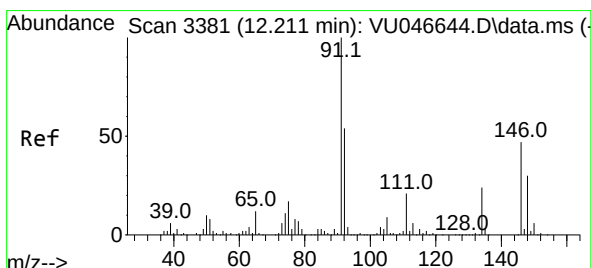
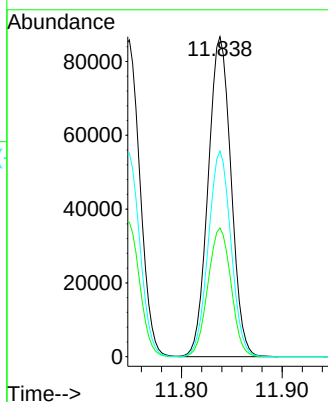
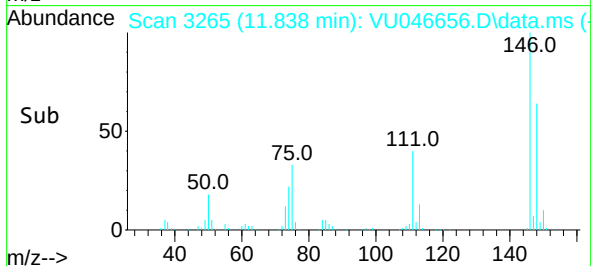
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



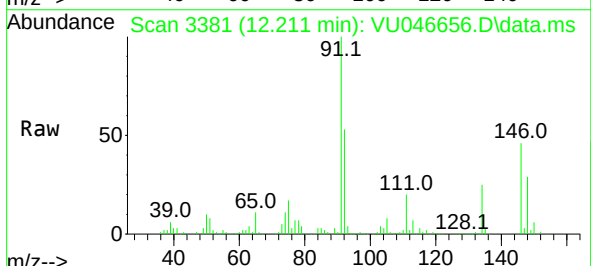
Tgt Ion:146 Resp: 137264
Ion Ratio Lower Upper
146 100
111 40.4 32.7 49.1
148 63.6 51.4 77.0

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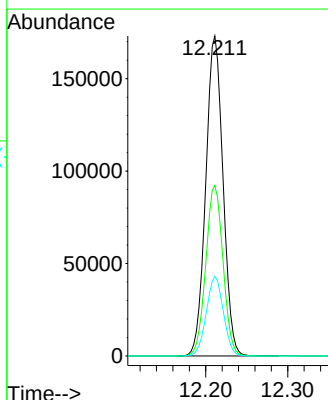
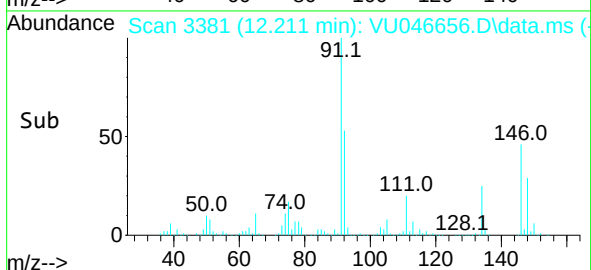
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

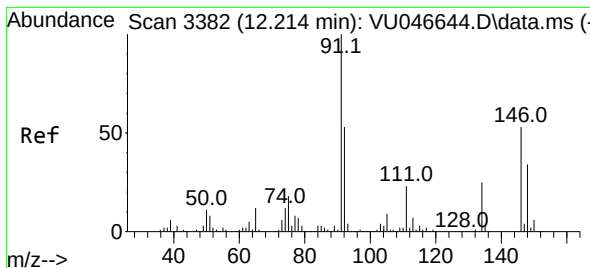


#84
n-Butylbenzene
Concen: 11.277 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13



Tgt Ion: 91 Resp: 252858
Ion Ratio Lower Upper
91 100
92 53.1 43.5 65.3
134 24.5 19.0 28.4





#85

1,2-Dichlorobenzene

Concen: 10.028 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU046656.D

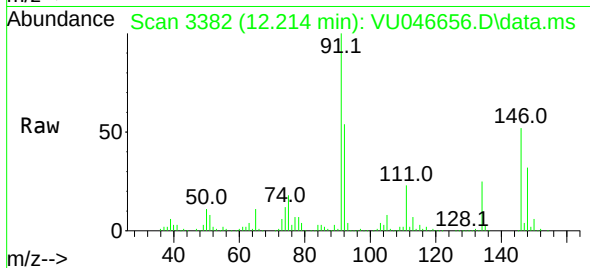
Acq: 30 Dec 2021 18:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 129518

Ion Ratio Lower Upper

146 100

111 44.0 22.1 66.1

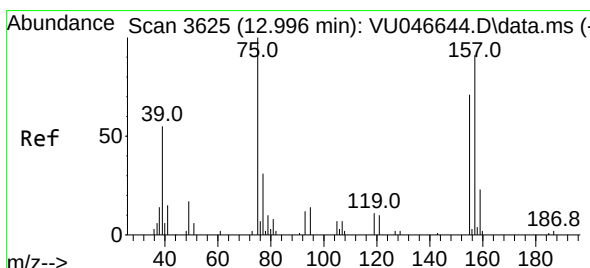
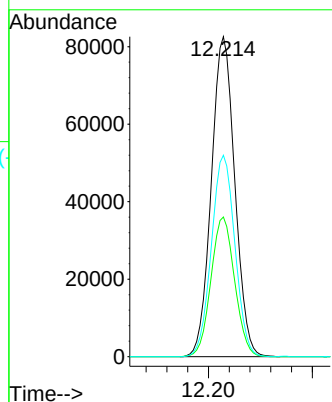
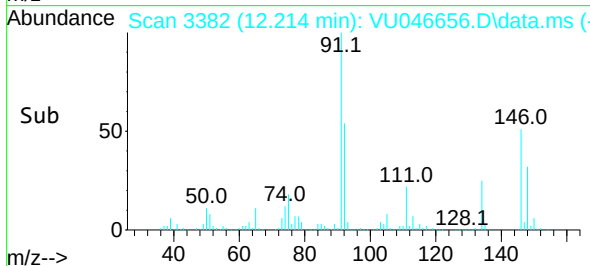
148 63.2 31.6 94.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.147 ug/l

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU046656.D

Acq: 30 Dec 2021 18:13

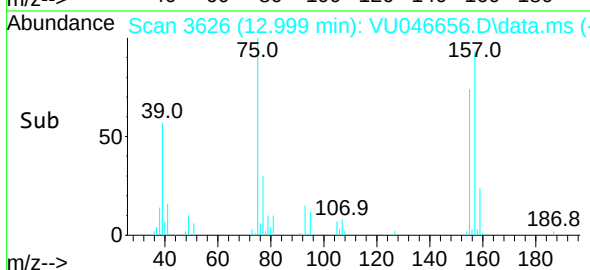
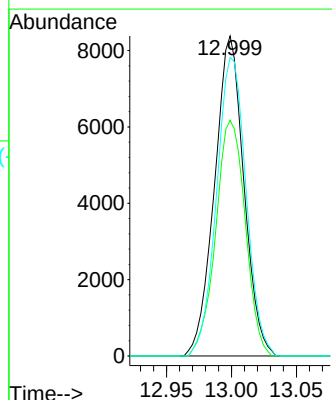
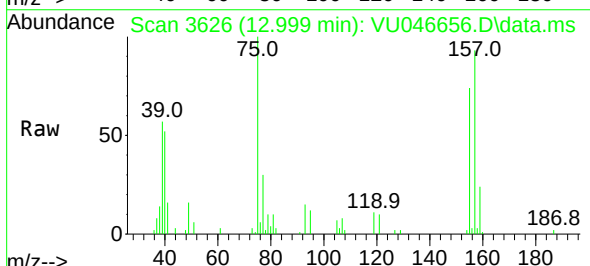
Tgt Ion: 75 Resp: 13147

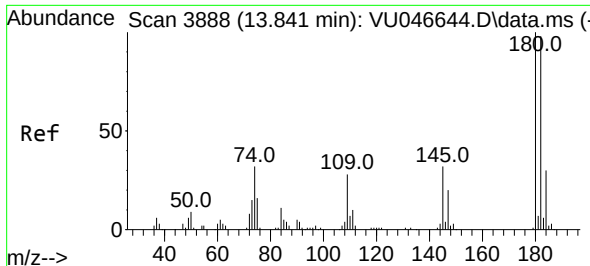
Ion Ratio Lower Upper

75 100

155 74.1 57.8 86.8

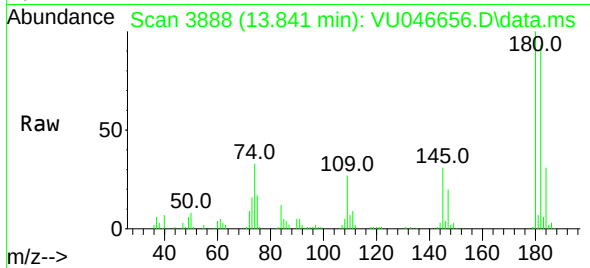
157 94.0 75.1 112.7





#87
1,2,4-Trichlorobenzene
Concen: 11.051 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

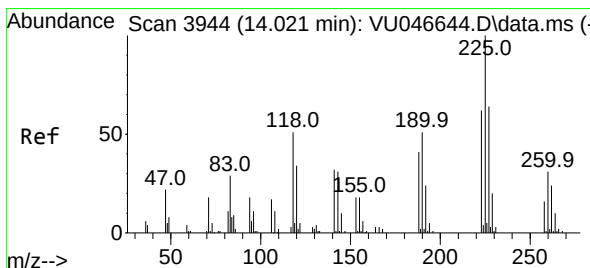
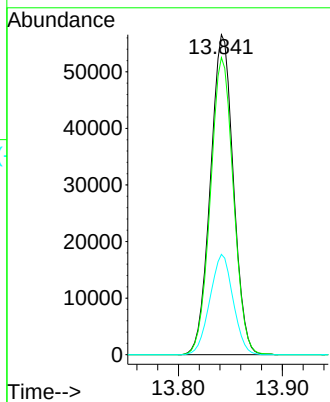
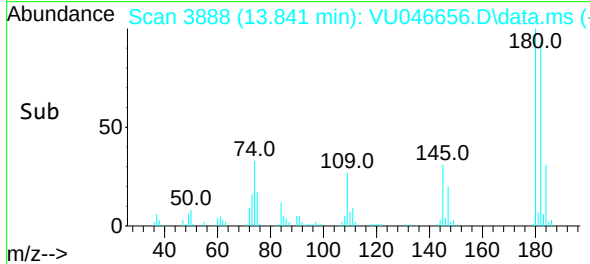
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



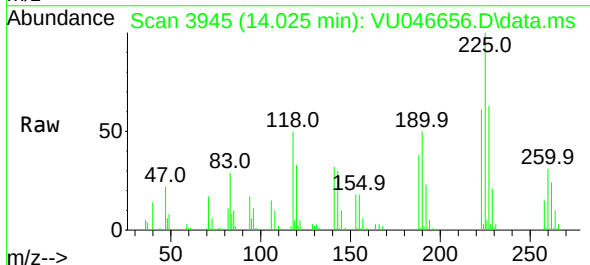
Tgt Ion:180 Resp: 8656
Ion Ratio Lower Upper
180 100
182 92.9 75.8 113.8
145 31.7 25.3 37.9

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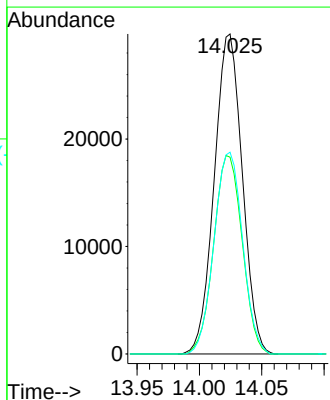
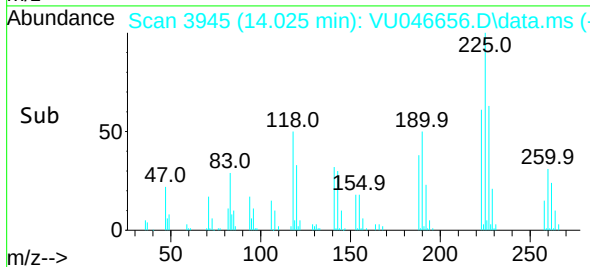
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

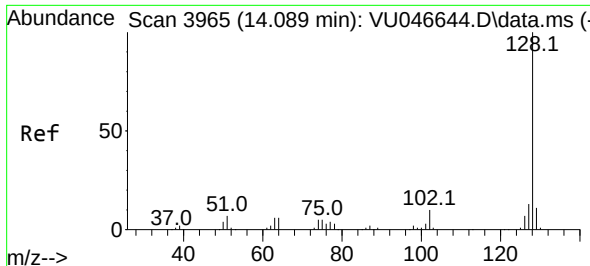


#88
Hexachlorobutadiene
Concen: 9.671 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.004 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13



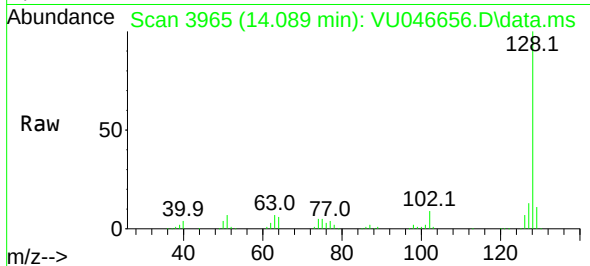
Tgt Ion:225 Resp: 46660
Ion Ratio Lower Upper
225 100
223 63.0 51.1 76.7
227 64.3 49.9 74.9





#89
Naphthalene
Concen: 10.063 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13

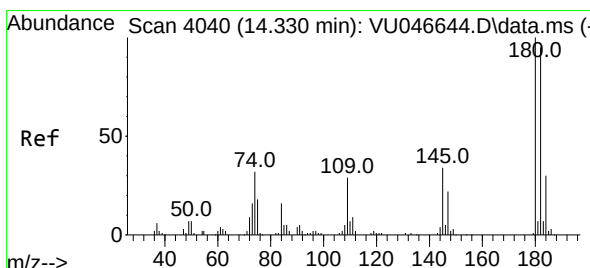
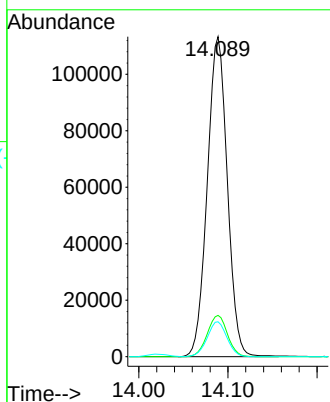
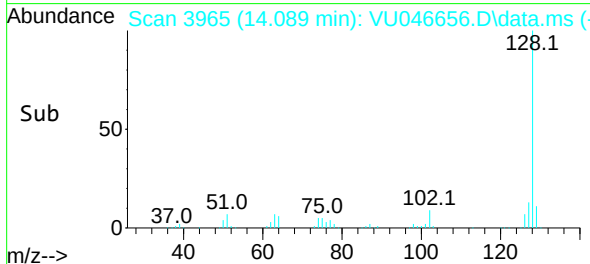
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



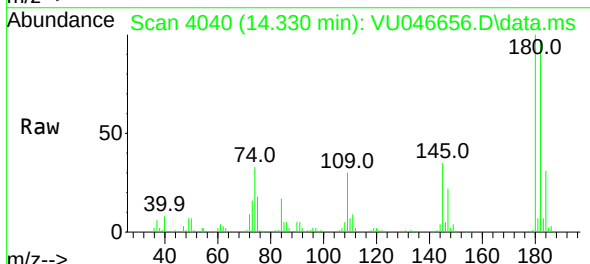
Tgt Ion:128 Resp: 177030
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.8 8.6 13.0

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



#90
1,2,3-Trichlorobenzene
Concen: 11.257 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046656.D
Acq: 30 Dec 2021 18:13



Tgt Ion:180 Resp: 85944
Ion Ratio Lower Upper
180 100
182 96.2 75.4 113.0
145 35.3 27.0 40.4

