

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
 Data File : VU046643.D
 Acq On : 30 Dec 2021 10:10
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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

Quant Time: Dec 30 11:00:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Dec 30 10:57:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	20285	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	7764	1.055	ug/l	0.00
Spiked Amount	1.000		Recovery	=	105.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	7775	1.101	ug/l	0.00
Spiked Amount	1.000		Recovery	=	110.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	39815	5.214	ug/l	100
3) Chloromethane	1.523	50	33995	4.343	ug/l	99
4) Vinyl Chloride	1.607	62	37155	4.564	ug/l	99
5) Bromomethane	1.864	94	18127	4.063	ug/l	99
6) Chloroethane	1.941	64	21969	4.201	ug/l	95
7) Trichlorofluoromethane	2.144	101	52725	5.423	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.587	101	29053	5.220	ug/l	95
9) 1,1-Dichloroethene	2.587	96	26656	5.099	ug/l	91
10) Iodomethane	2.729	142	23948	4.466	ug/l	87
11) Allyl Chloride	2.928	41	34776	4.634	ug/l	96
12) Acrylonitrile	3.340	53	14763	10.969	ug/l	93
13) Acetone	2.671	43	32566m	21.317	ug/l	
14) Carbon Disulfide	2.800	76	83907	5.232	ug/l	97
15) Methylene Chloride	3.054	84	31549	4.993	ug/l	96
16) trans-1,2-Dichloroethene	3.362	96	28355	5.043	ug/l	94
17) 1,1-Dichloroethane	3.877	63	53131	5.068	ug/l	99
18) 2-Butanone	4.732	43	46672	23.423	ug/l	98
19) Cyclohexane	5.394	56	35994	3.860	ug/l	# 81
20) Methylcyclohexane	6.767	83	43934	4.629	ug/l	99
21) 2,2-Dichloropropane	4.671	77	44714	5.004	ug/l	100
22) cis-1,2-Dichloroethene	4.674	96	31627	5.131	ug/l	93
23) Diethyl Ether	2.382	59	20631	4.311	ug/l	95
24) tert-Butyl Alcohol	3.366	59	23817m	58.309	ug/l	
25) Methyl tert-Butyl Ether	3.369	73	67170	4.648	ug/l	97
26) Bromochloromethane	4.980	128	14967	5.575	ug/l	93
27) Chloroform	5.092	83	57230	5.267	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	50064	5.581	ug/l	97
29) 1,1-Dichloropropene	5.529	75	41915	5.180	ug/l	100
30) Carbon Tetrachloride	5.529	117	45675	6.381	ug/l	100
31) Isopropyl Ether	3.996	45	67100	4.139	ug/l	93
32) Ethyl-t-butyl ether	4.504	59	66139	4.068	ug/l	95
33) Tert-Amyl methyl ether	5.944	73	66320	4.550	ug/l	99
34) Propionitrile	4.816	54	15171	29.888	ug/l	# 71
35) Benzene	5.777	78	118984	5.106	ug/l	98
36) 1,2-Dichloroethane	5.800	62	39963	5.315	ug/l	99
37) Trichloroethene	6.546	130	29110	5.131	ug/l	100
38) 1,2-Dichloropropane	6.793	63	31394	5.187	ug/l	99
39) Methacrylonitrile	4.980	41	10384	5.190	ug/l	99
40) Methyl acrylate	4.851	55	18028	5.342	ug/l	97
41) Tetrahydrofuran	5.070	42	10549	9.232	ug/l	99
42) 1-Chlorobutane	5.462	56	55660	4.836	ug/l	97
43) Dibromomethane	6.922	93	18215	5.901	ug/l	98
44) Bromodichloromethane	7.108	83	43745	5.724	ug/l	98

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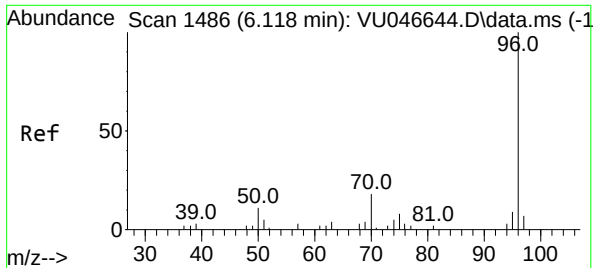
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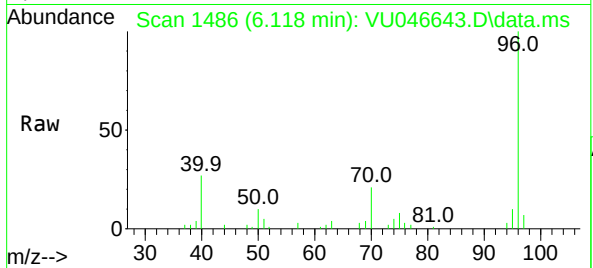
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	103335	25.204	ug/l	99
46) t-1,4-Dichloro-2-butene	10.835	75	19754m	13.106	ug/l	
47) Methyl methacrylate	6.964	69	31532	10.291	ug/l	93
48) Ethyl methacrylate	8.336	69	27204	4.589	ug/l	93
49) Toluene	7.970	92	72563	5.054	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	40387	5.455	ug/l	98
51) cis-1,3-Dichloropropene	7.610	75	42391	4.945	ug/l	92
52) 1,1,2-Trichloroethane	8.401	97	25256	5.723	ug/l	97
53) 1,3-Dichloropropane	8.578	76	42961	5.261	ug/l	97
54) 2-Hexanone	8.690	43	75308	23.851	ug/l	98
55) Dibromochloromethane	8.812	129	32039	6.720	ug/l	97
56) 1,2-Dibromoethane	8.925	107	24228	5.816	ug/l	100
58) Tetrachloroethene	8.555	164	25861	5.052	ug/l	100
59) Chlorobenzene	9.449	112	74587	5.022	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	30414	5.990	ug/l	98
61) Pentachloroethane	11.430	117	28609m	7.650	ug/l	
62) Hexachloroethane	12.478	117	26008	6.610	ug/l	98
63) Ethyl Benzene	9.571	91	126283	4.749	ug/l	99
64) m/p-Xylenes	9.697	106	107497	10.572	ug/l	100
65) o-Xylene	10.102	106	48471	4.907	ug/l	98
66) Styrene	10.115	104	88081	5.395	ug/l	98
67) Bromoform	10.295	173	19234	7.520	ug/l #	99
69) Isopropylbenzene	10.488	105	128339	4.962	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	34003	5.948	ug/l	98
71) 1,2,3-Trichloropropane	10.825	75	22162m	4.827	ug/l	
72) Bromobenzene	10.783	156	32476	5.567	ug/l	93
73) n-propylbenzene	10.909	120	37664	5.505	ug/l	93
74) 2-Chlorotoluene	10.989	126	31813	5.382	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	115143	5.294	ug/l	99
76) 4-Chlorotoluene	11.098	126	34757	5.706	ug/l	94
77) tert-Butylbenzene	11.423	119	108007	5.110	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	118535	5.334	ug/l	98
79) sec-Butylbenzene	11.645	105	151441	5.204	ug/l	100
80) Nitrobenzene	13.214	77	7363	40.015	ug/l	95
81) p-Isopropyltoluene	11.796	119	125582	5.359	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	67465	5.772	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	67406	5.802	ug/l	100
84) n-Butylbenzene	12.211	91	115829	5.223	ug/l	98
85) 1,2-Dichlorobenzene	12.214	146	63523	5.704	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.995	75	6620	6.787	ug/l	99
87) 1,2,4-Trichlorobenzene	13.841	180	38868	5.663	ug/l	99
88) Hexachlorobutadiene	14.021	225	23209	6.970	ug/l	98
89) Naphthalene	14.089	128	72852	5.374	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	38833	5.990	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: VU046643.D
Acq: 30 Dec 2021 10:10

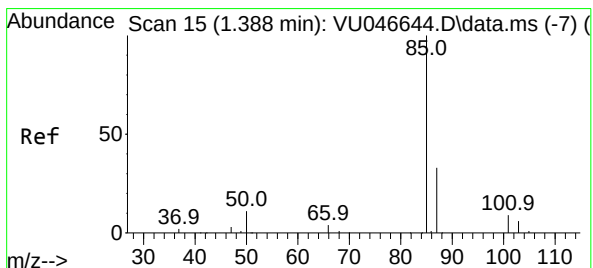
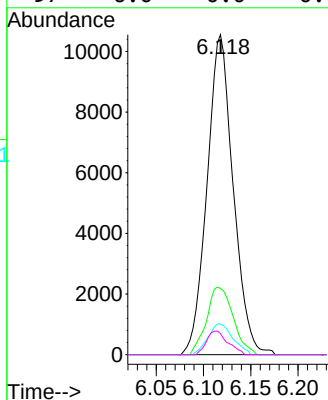
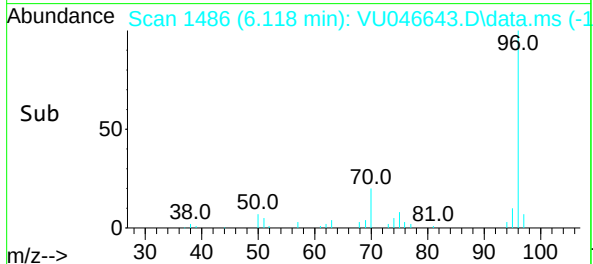
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:	96	Resp:	2028
Ion	Ratio	Lower	Upper
96	100		
70	21.4	16.8	25.2
95	9.2	7.3	10.9
97	6.0	0.0	0.0

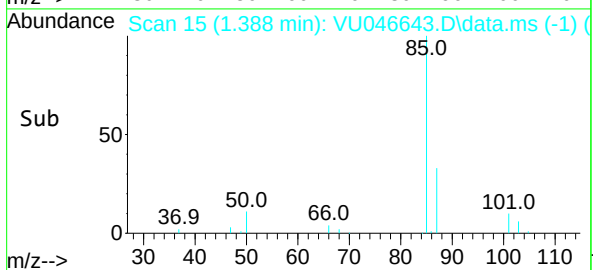
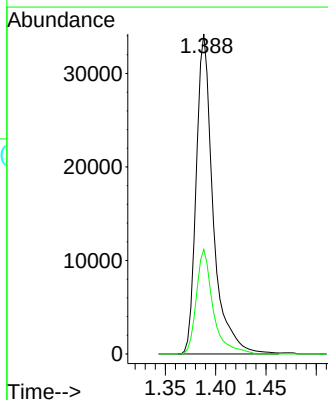
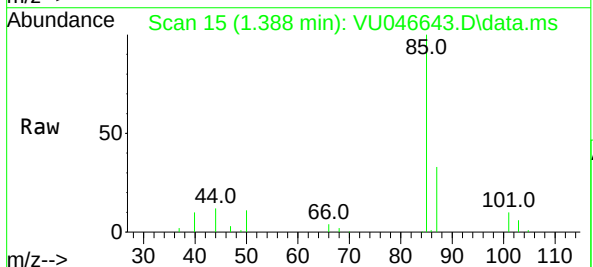
Manual Integrations
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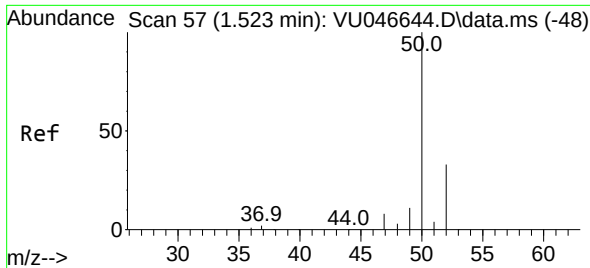
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#2
Dichlorodifluoromethane
Concen: 5.214 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

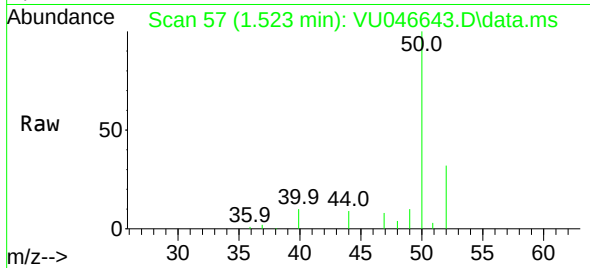
Tgt Ion:	85	Resp:	39815
Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.2	48.6





#3
Chloromethane
Concen: 4.343 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

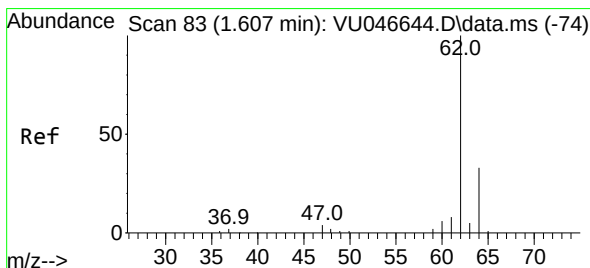
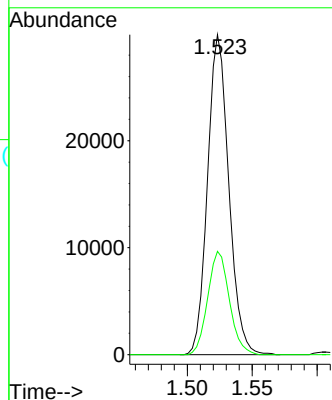
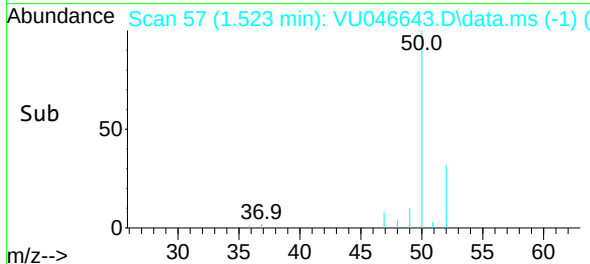
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



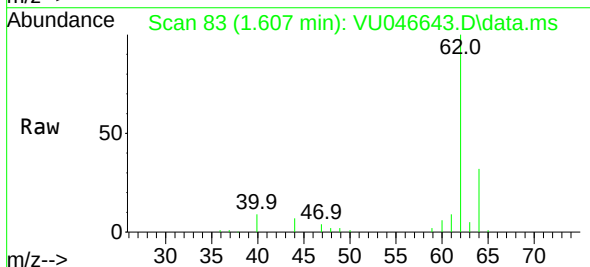
Tgt Ion: 50 Resp: 3399
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.4

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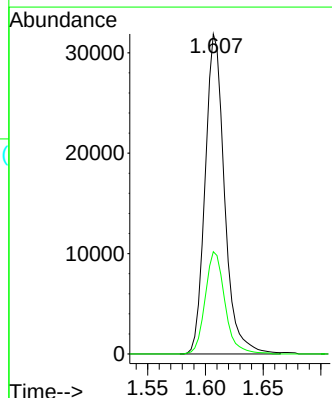
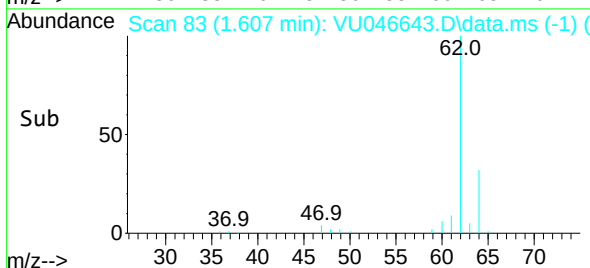
Reviewed By :Semsettin Yesilyurt 12/31/2021
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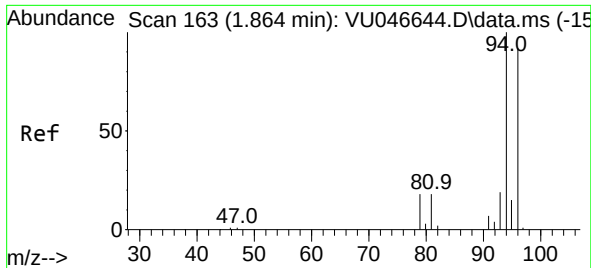


#4
Vinyl Chloride
Concen: 4.564 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10



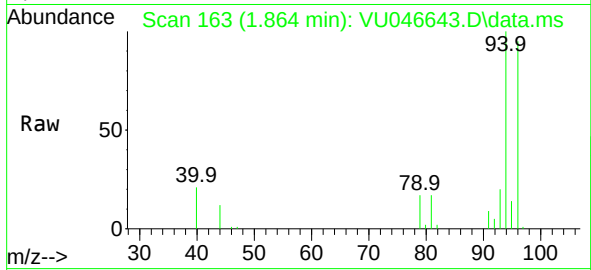
Tgt Ion: 62 Resp: 37155
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#5
Bromomethane
Concen: 4.063 ug/l
RT: 1.864 min Scan# 163
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

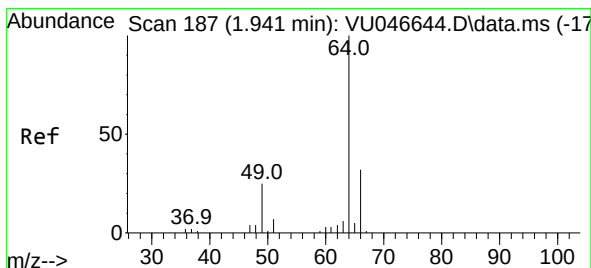
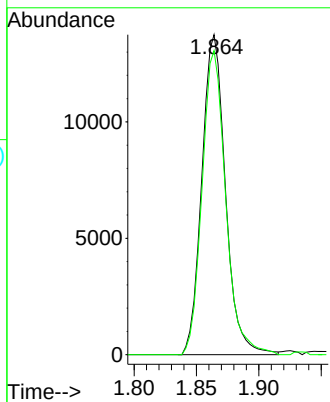
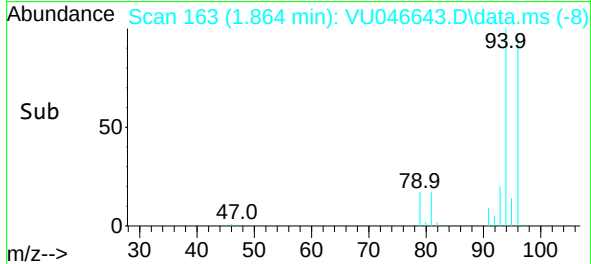
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 1812
Ion Ratio Lower Upper
94 100
96 95.0 75.0 112.4

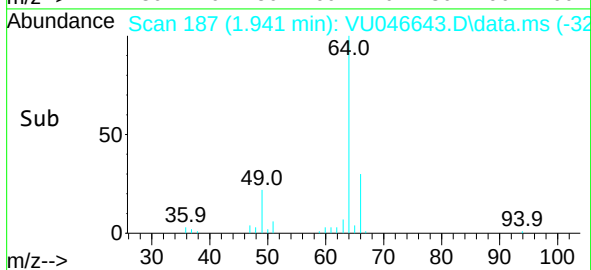
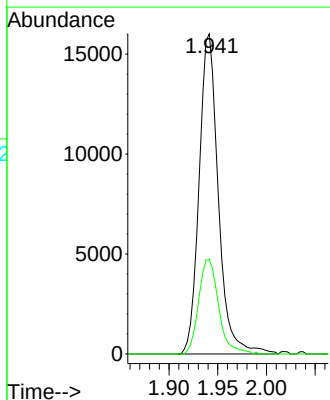
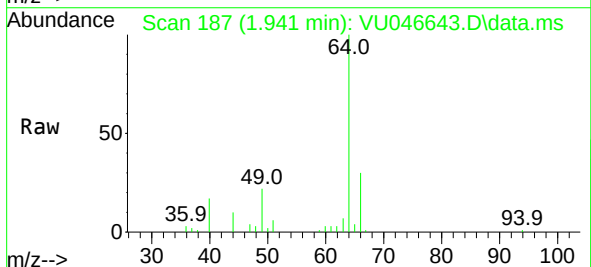
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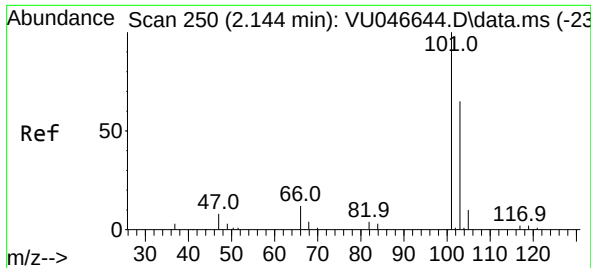
Reviewed By :Semsettin Yesilyurt 12/31/2021
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#6
Chloroethane
Concen: 4.201 ug/l
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Tgt Ion: 64 Resp: 21969
Ion Ratio Lower Upper
64 100
66 29.6 25.8 38.8





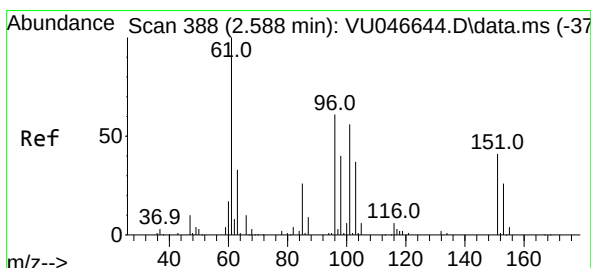
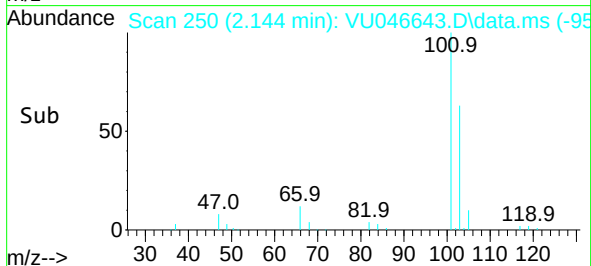
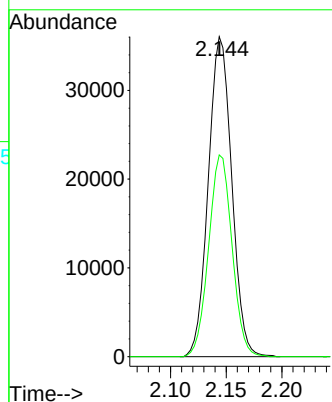
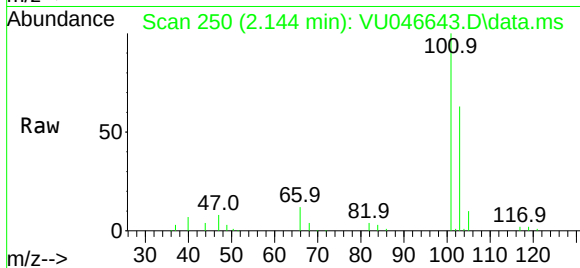
#7
Trichlorofluoromethane
Concen: 5.423 ug/l
RT: 2.144 min Scan# 210
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Instrument :
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VSTDIC005

Tgt Ion:101 Resp: 52725
Ion Ratio Lower Upper
101 100
103 63.0 52.2 78.2

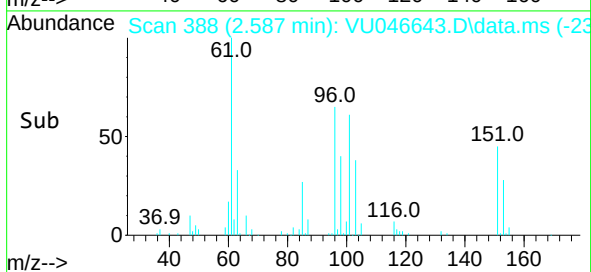
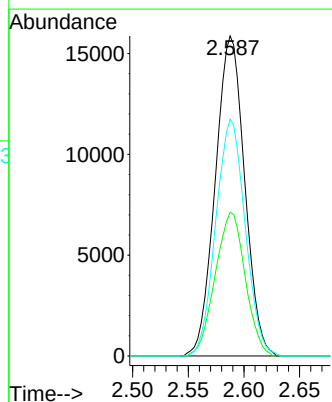
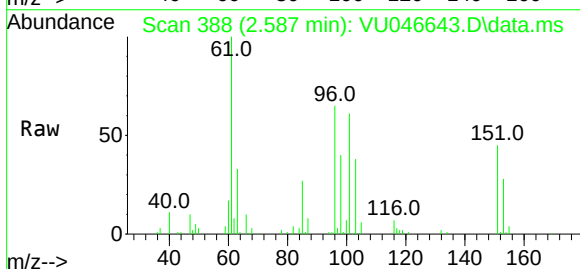
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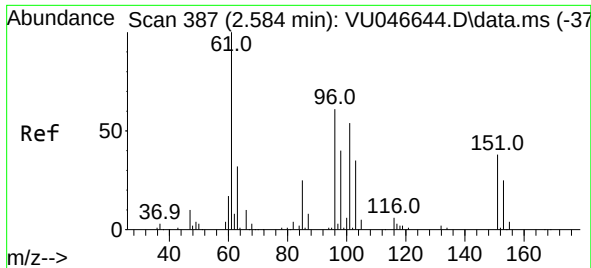
Reviewed By :Semsettin Yesilyurt 12/31/2021
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#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.220 ug/l
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Tgt Ion:101 Resp: 29053
Ion Ratio Lower Upper
101 100
85 46.0 35.8 53.6
151 74.3 54.6 81.8





#9

1,1-Dichloroethene

Concen: 5.099 ug/l

RT: 2.587 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

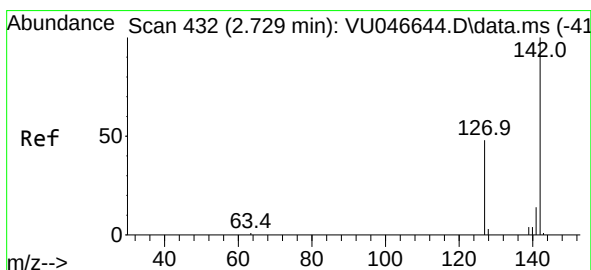
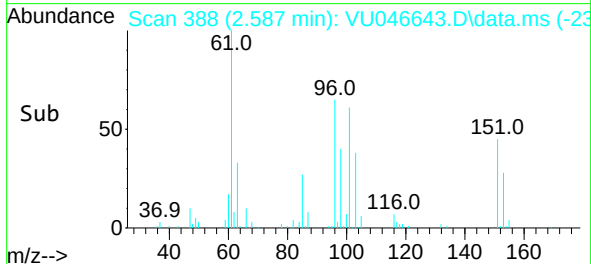
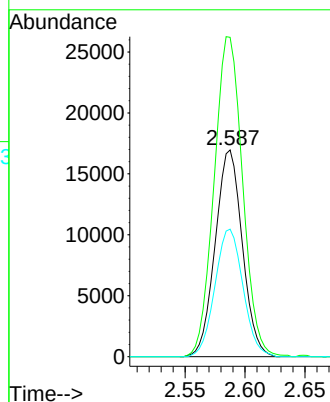
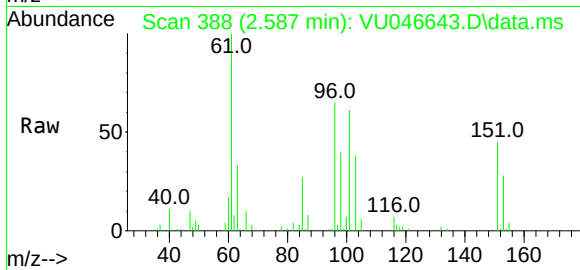
VSTDIC005

Tgt Ion: 96	Resp: 2665
Ion Ratio	Lower Upper
96 100	
61 154.5	0.0 514.2
98 61.7	0.0 126.4

Manual Integrations

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#10

Iodomethane

Concen: 4.466 ug/l

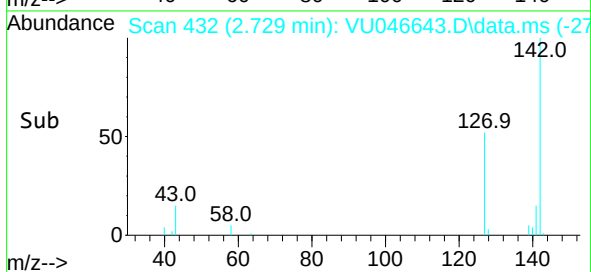
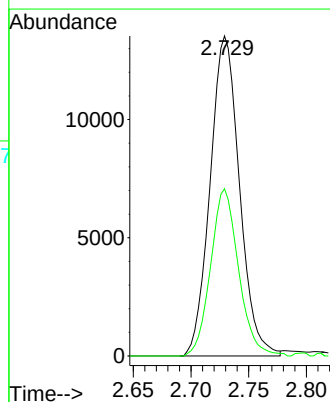
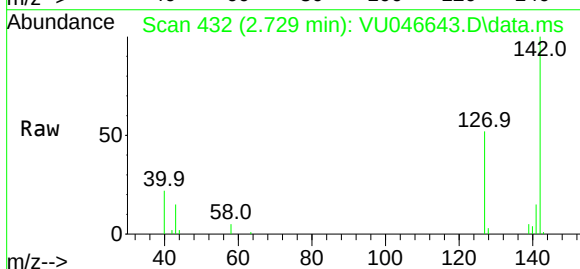
RT: 2.729 min Scan# 432

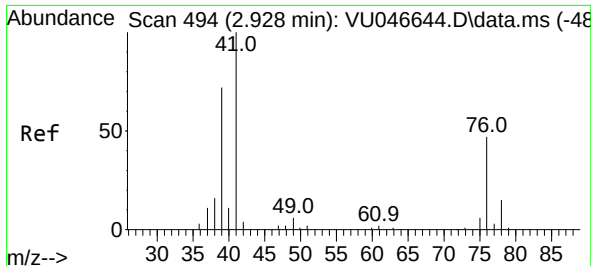
Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

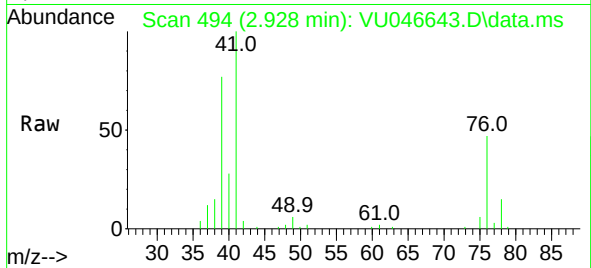
Tgt Ion:142	Resp: 23948
Ion Ratio	Lower Upper
142 100	
127 49.7	33.2 49.8





#11
 Allyl Chloride
 Concen: 4.634 ug/l
 RT: 2.928 min Scan# 494
 Delta R.T. -0.000 min
 Lab File: VU046643.D
 Acq: 30 Dec 2021 10:10

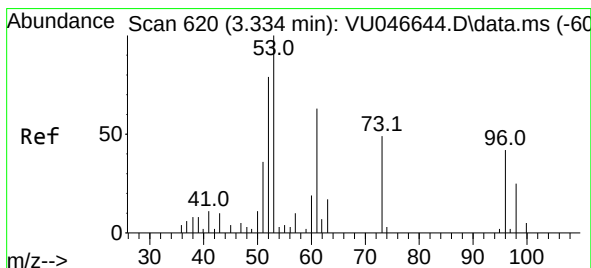
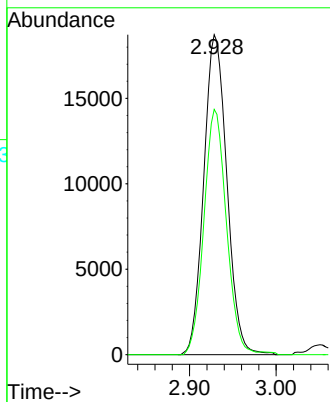
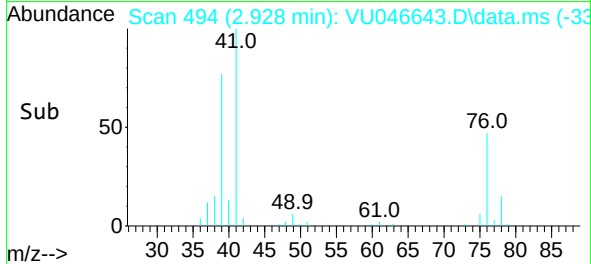
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



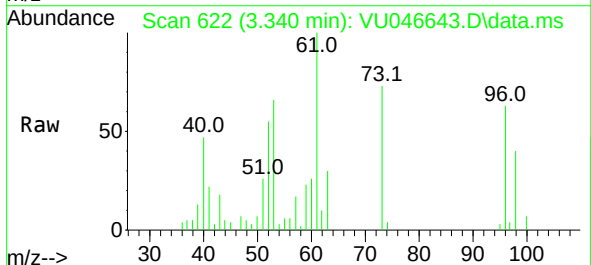
Tgt Ion: 41 Resp: 34770
 Ion Ratio Lower Upper
 41 100
 39 74.5 62.4 93.6

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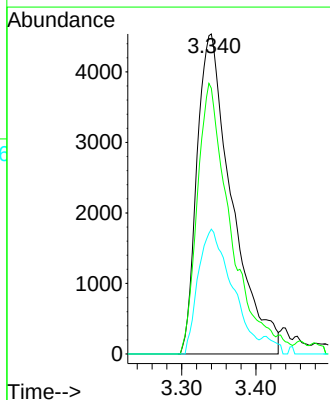
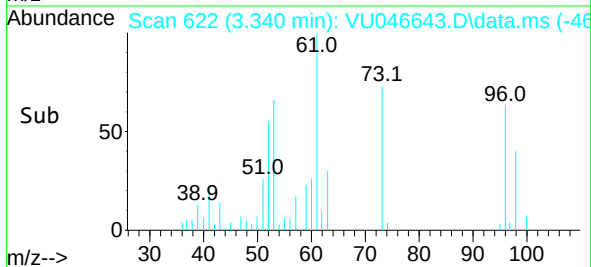
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022

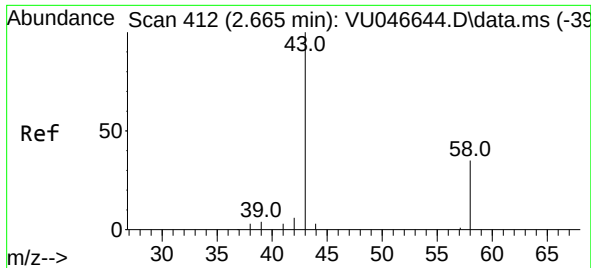


#12
 Acrylonitrile
 Concen: 10.969 ug/l
 RT: 3.340 min Scan# 622
 Delta R.T. 0.006 min
 Lab File: VU046643.D
 Acq: 30 Dec 2021 10:10



Tgt Ion: 53 Resp: 14763
 Ion Ratio Lower Upper
 53 100
 52 79.7 56.7 85.1
 51 38.0 30.3 45.5





#13

Acetone

Concen: 21.317 ug/l m

RT: 2.671 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 3256

Ion Ratio Lower Upper

43 100

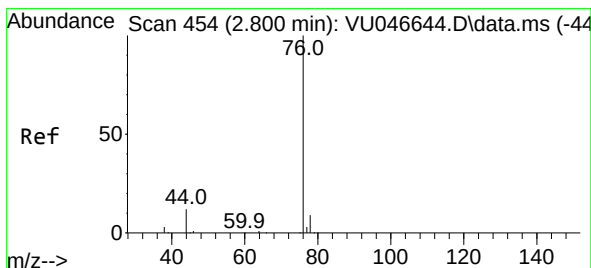
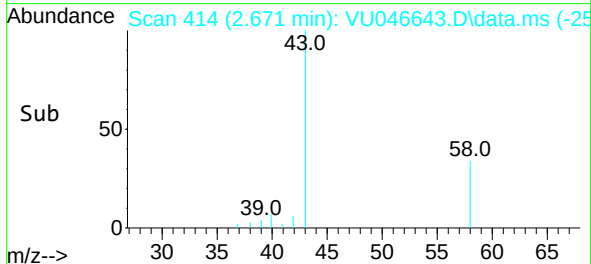
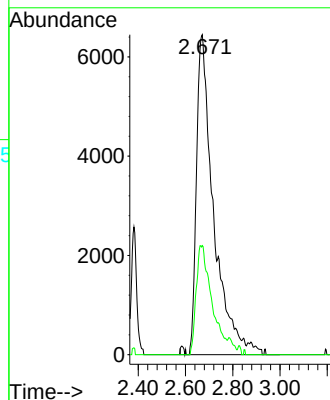
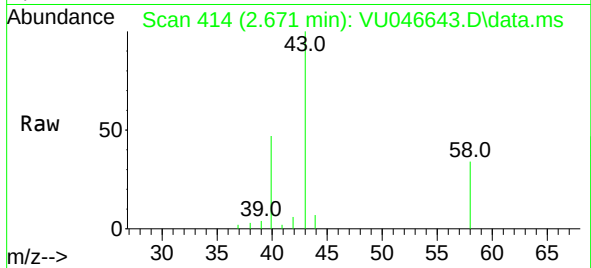
58 34.1 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#14

Carbon Disulfide

Concen: 5.232 ug/l

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046643.D

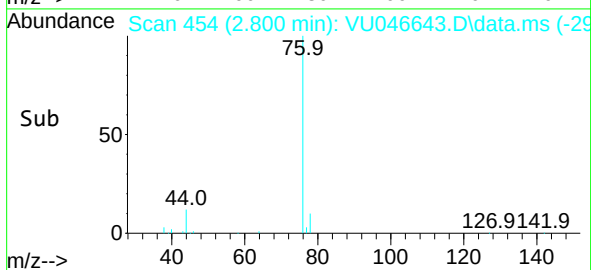
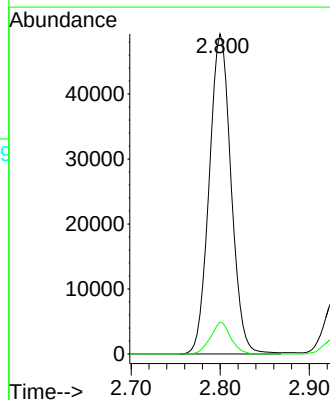
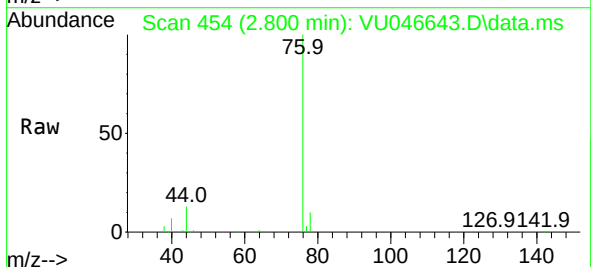
Acq: 30 Dec 2021 10:10

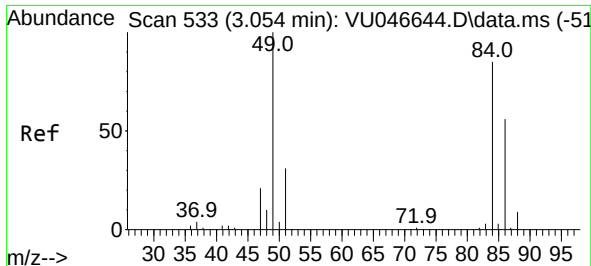
Tgt Ion: 76 Resp: 83907

Ion Ratio Lower Upper

76 100

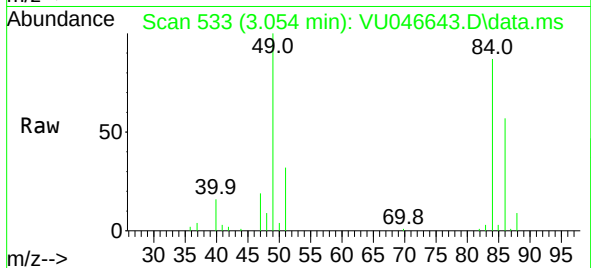
78 9.9 7.1 10.7





#15
Methylene Chloride
Concen: 4.993 ug/l
RT: 3.054 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

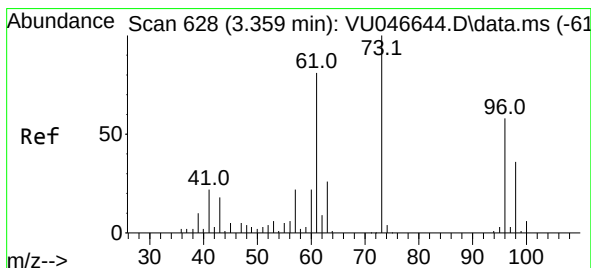
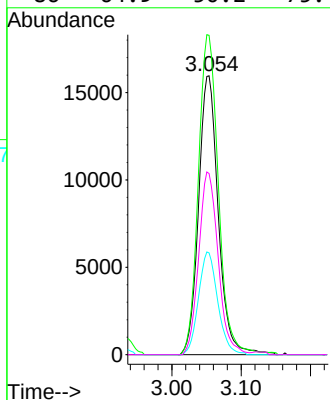
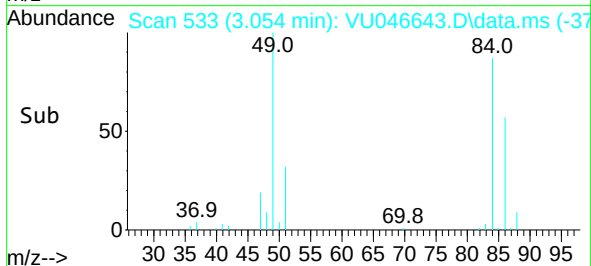
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 84 Resp: 31549
Ion Ratio Lower Upper
84 100
49 114.5 97.2 145.8
51 36.5 0.0 73.4
86 64.9 50.2 75.4

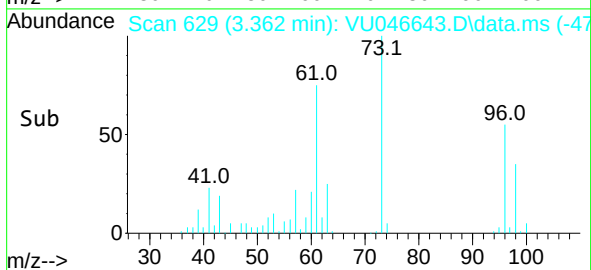
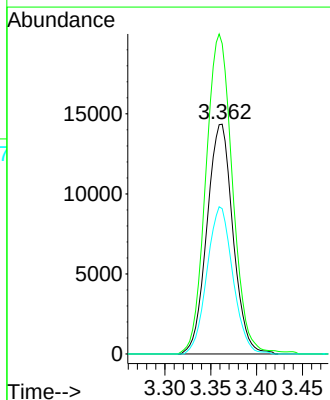
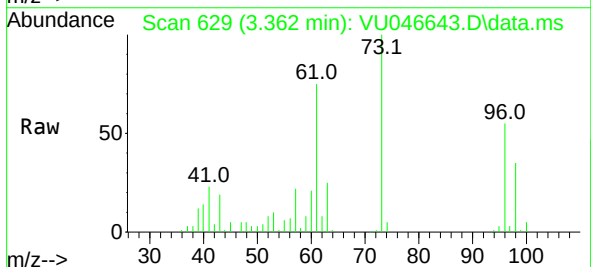
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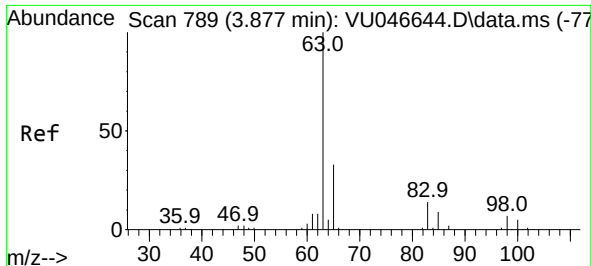
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#16
trans-1,2-Dichloroethene
Concen: 5.043 ug/l
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Tgt Ion: 96 Resp: 28355
Ion Ratio Lower Upper
96 100
61 135.1 115.8 173.6
98 63.2 51.1 76.7





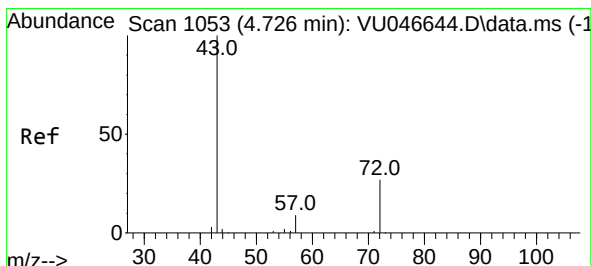
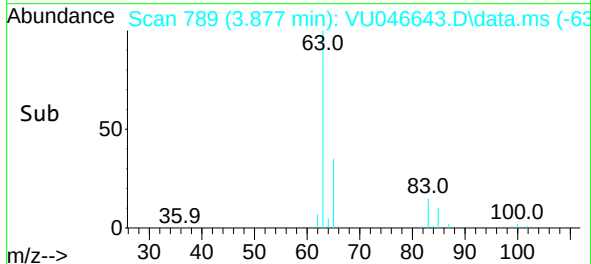
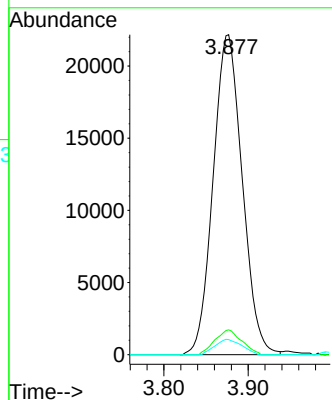
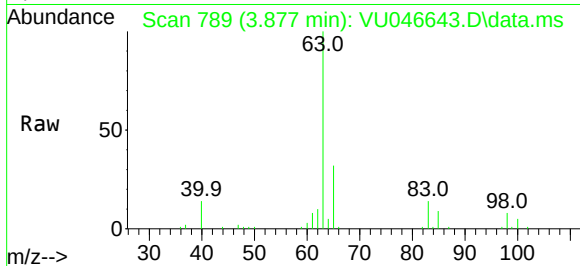
#17
1,1-Dichloroethane
Concen: 5.068 ug/l
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 5313
Ion Ratio Lower Upper
63 100
98 7.8 3.6 10.8
100 4.7 2.1 6.5

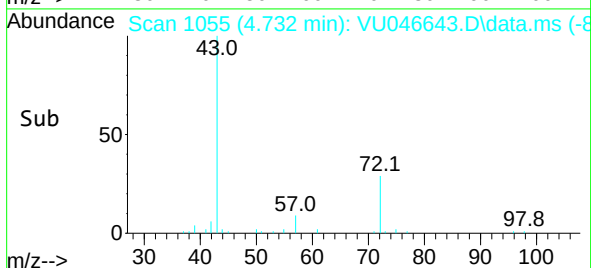
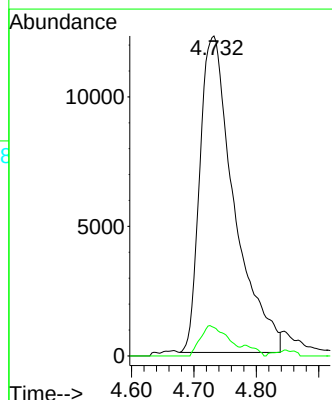
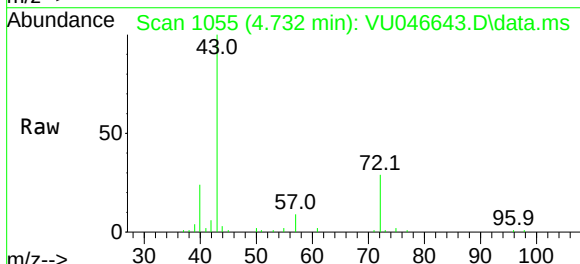
Manual Integrations
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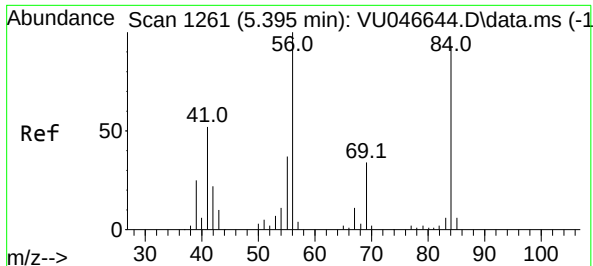
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#18
2-Butanone
Concen: 23.423 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Tgt Ion: 43 Resp: 46672
Ion Ratio Lower Upper
43 100
57 9.0 0.0 16.6





#19

Cyclohexane

Concen: 3.860 ug/l

RT: 5.394 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

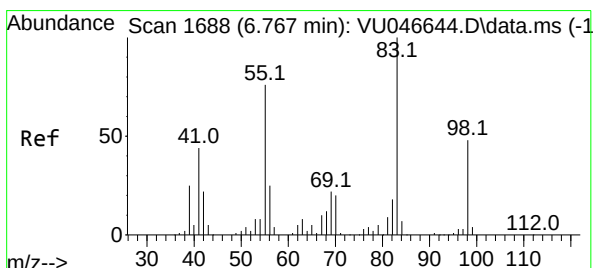
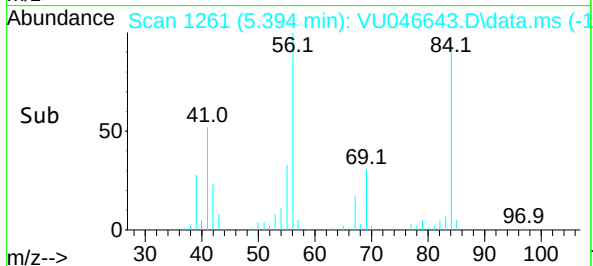
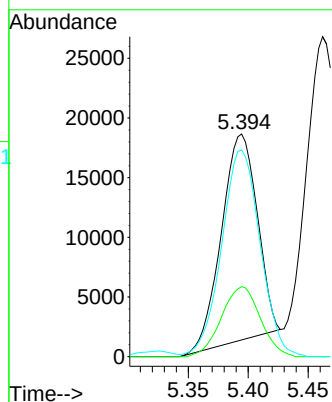
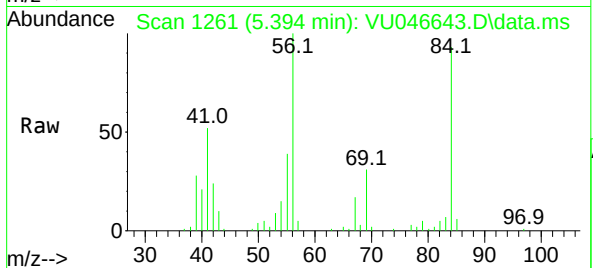
VSTDIC005

Tgt Ion:	56	Resp:	35994
Ion Ratio	Lower	Upper	
56	100		
69	36.8	24.7	37.1
84	106.2	68.8	103.2

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 4.629 ug/l

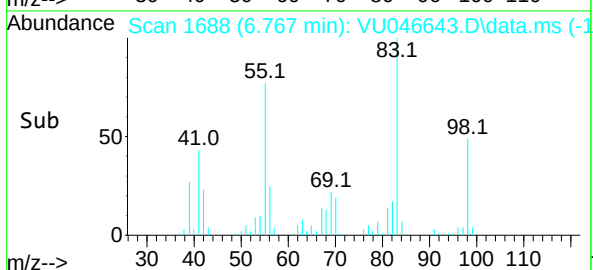
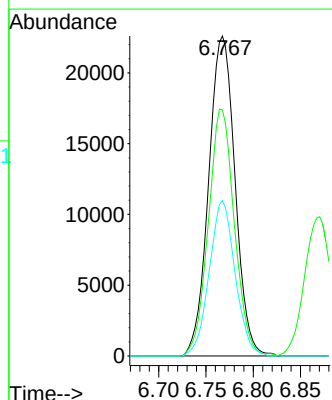
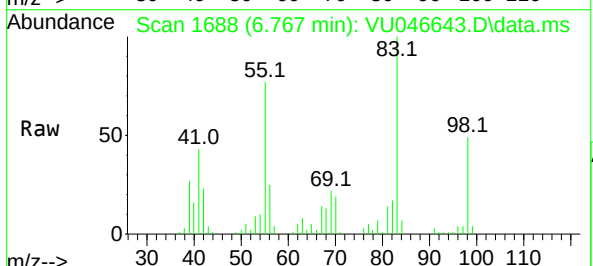
RT: 6.767 min Scan# 1688

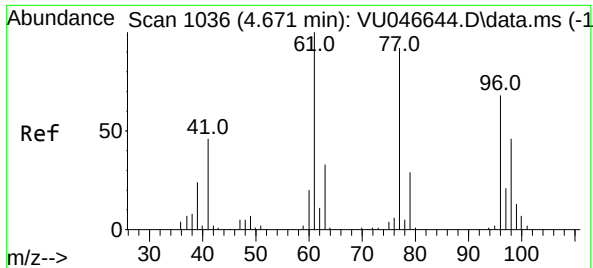
Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Tgt Ion:	83	Resp:	43934
Ion Ratio	Lower	Upper	
83	100		
55	76.0	61.9	92.9
98	47.5	37.4	56.2





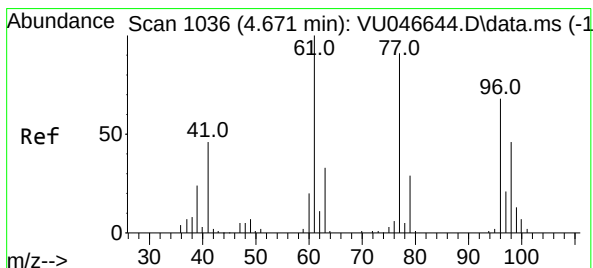
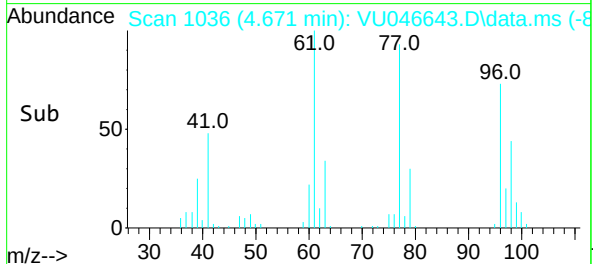
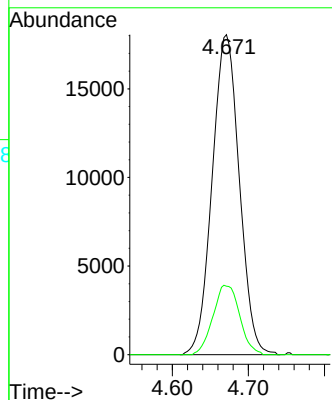
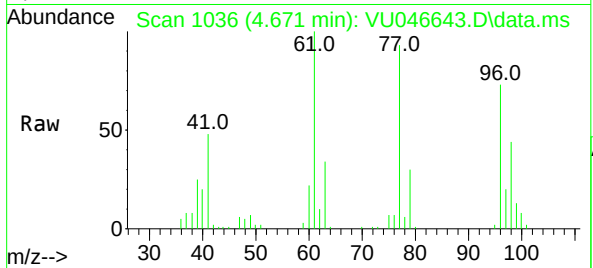
#21
2,2-Dichloropropane
Concen: 5.004 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 44714
Ion Ratio Lower Upper
77 100
97 21.4 17.2 25.8

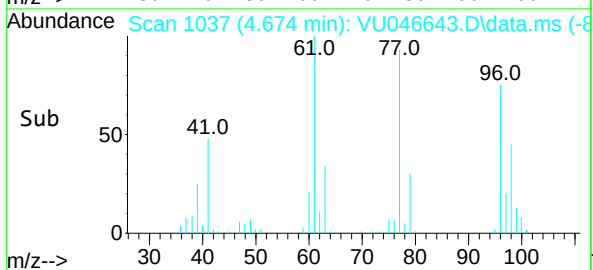
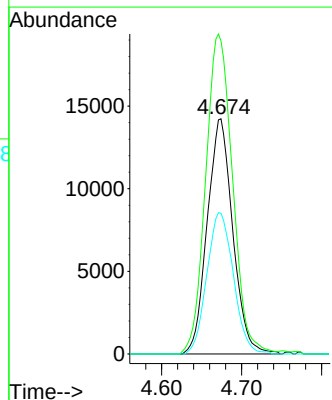
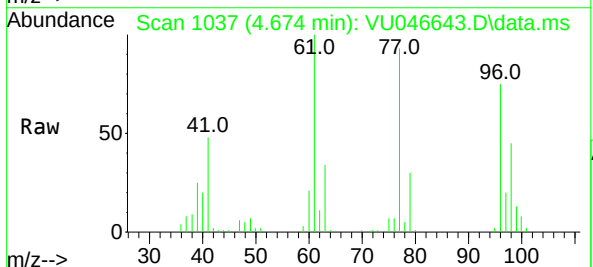
Manual Integrations
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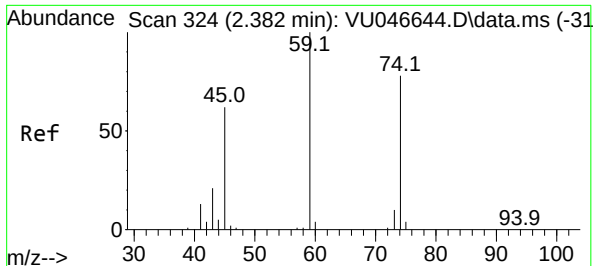
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#22
cis-1,2-Dichloroethene
Concen: 5.131 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Tgt Ion: 96 Resp: 31627
Ion Ratio Lower Upper
96 100
61 143.1 0.0 385.3
98 62.4 32.1 96.3





#23

Diethyl Ether

Concen: 4.311 ug/l

RT: 2.382 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 2063

Ion Ratio Lower Upper

59 100

45 65.1 55.6 83.4

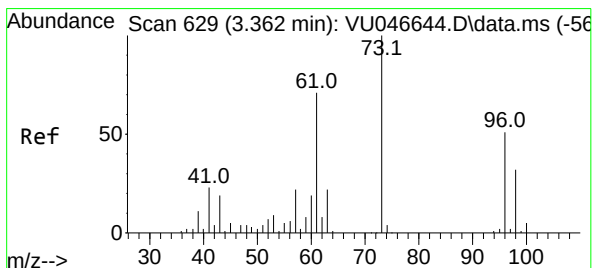
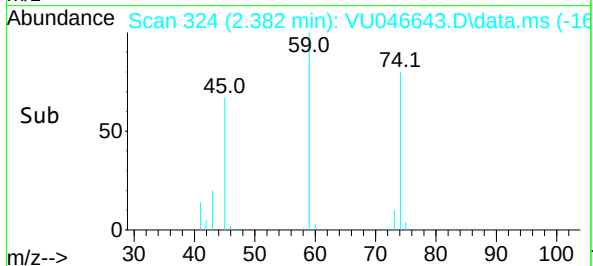
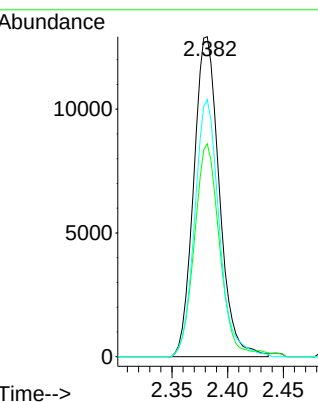
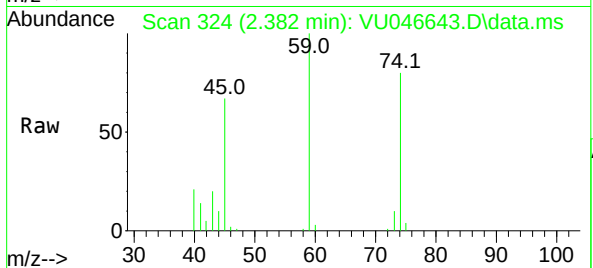
74 77.1 58.1 87.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#24

tert-Butyl Alcohol

Concen: 58.309 ug/l m

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU046643.D

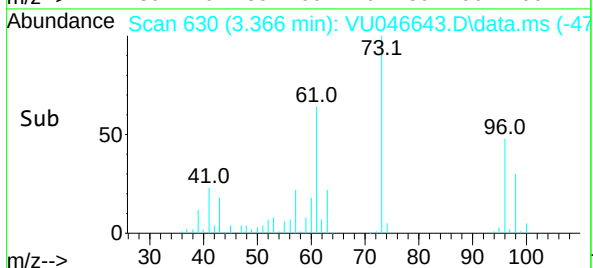
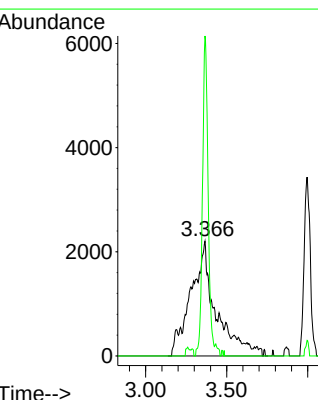
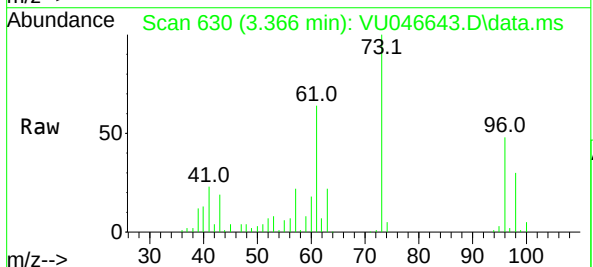
Acq: 30 Dec 2021 10:10

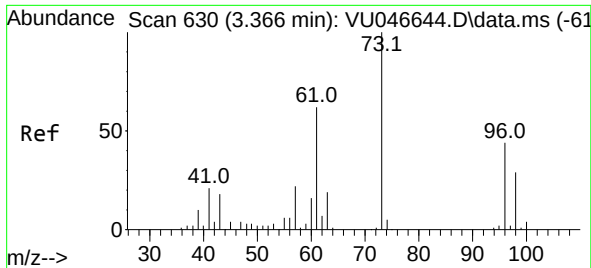
Tgt Ion: 59 Resp: 23817

Ion Ratio Lower Upper

59 100

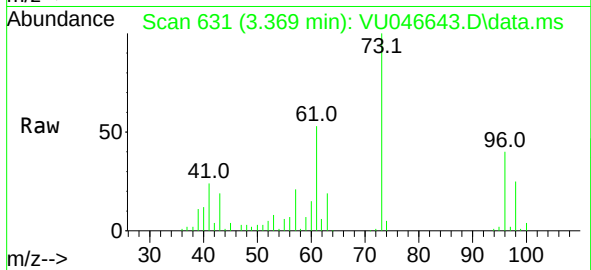
57 61.5 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 4.648 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

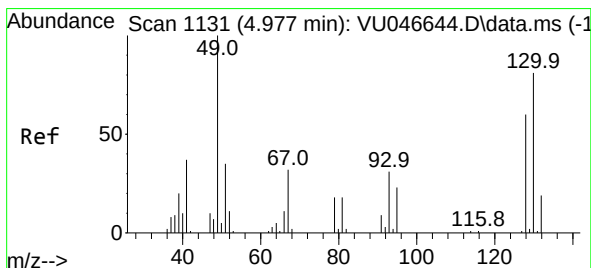
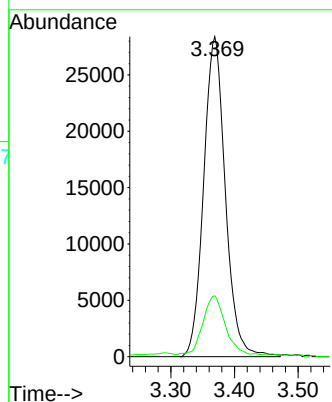
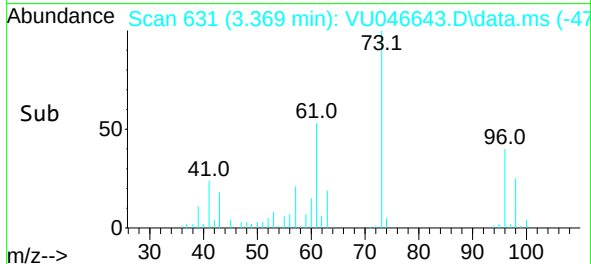
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 73 Resp: 67170
Ion Ratio Lower Upper
73 100
43 19.0 16.3 24.5

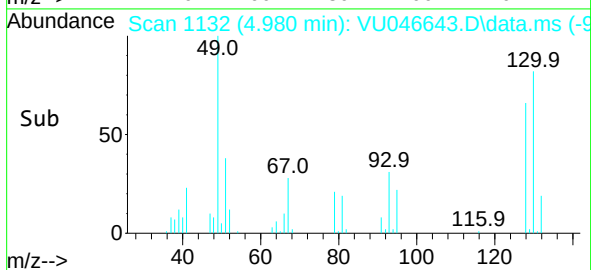
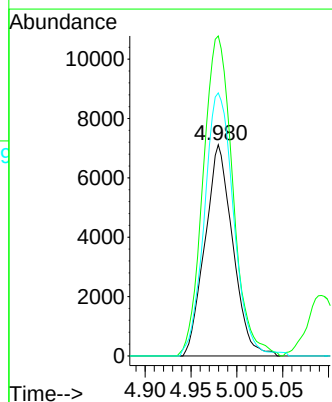
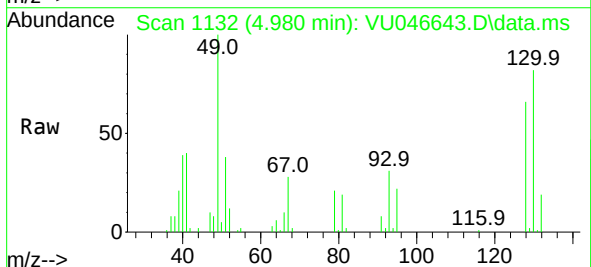
Manual Integrations
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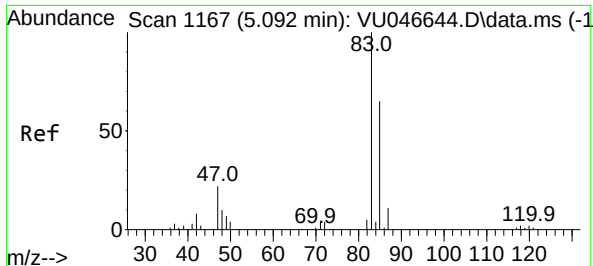
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#26
Bromochloromethane
Concen: 5.575 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Tgt Ion:128 Resp: 14967
Ion Ratio Lower Upper
128 100
49 161.7 0.0 347.4
130 131.6 101.5 152.3





#27

Chloroform

Concen: 5.267 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 57230

Ion Ratio Lower Upper

83 100

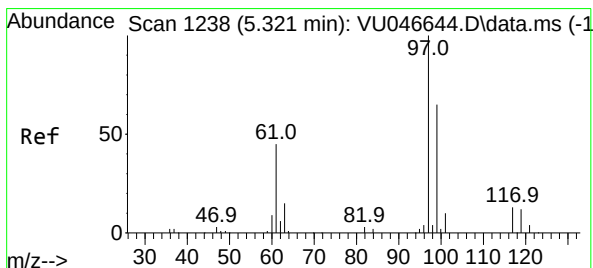
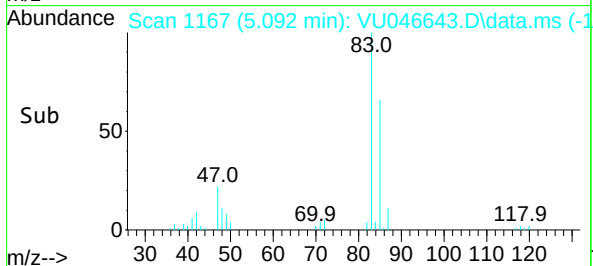
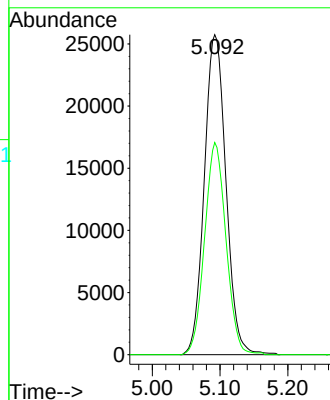
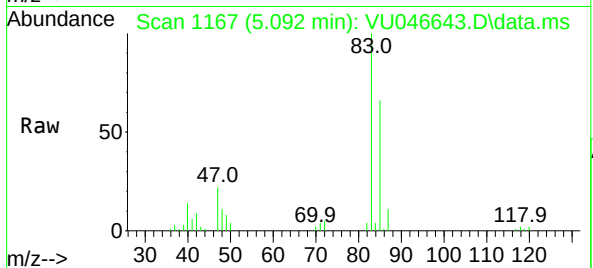
85 66.3 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#28

1,1,1-Trichloroethane

Concen: 5.581 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

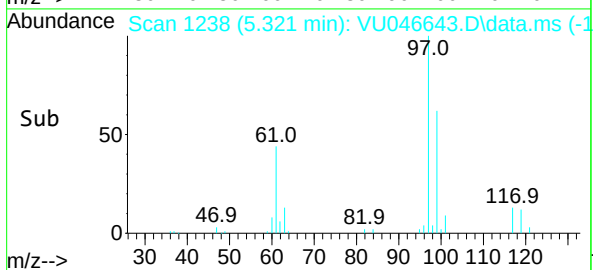
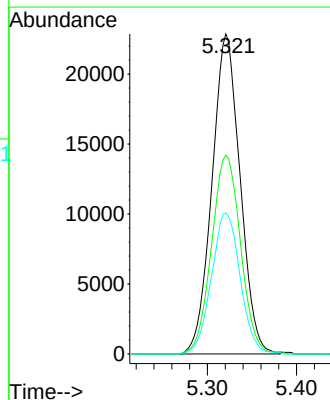
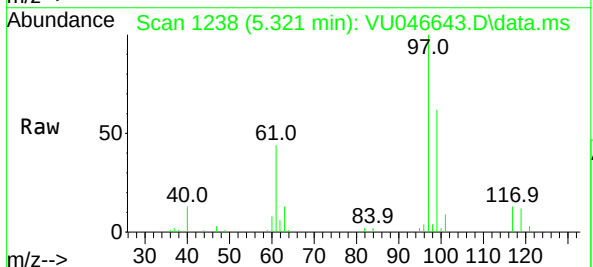
Tgt Ion: 97 Resp: 50064

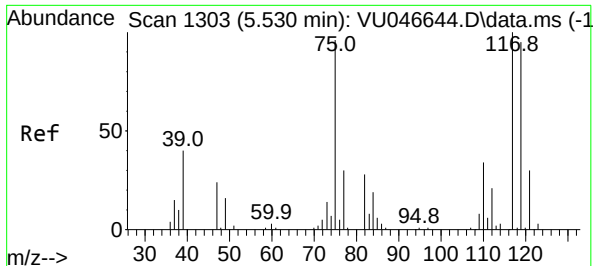
Ion Ratio Lower Upper

97 100

99 64.0 32.2 96.6

61 45.1 24.5 73.5





#29

1,1-Dichloropropene

Concen: 5.180 ug/l

RT: 5.529 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

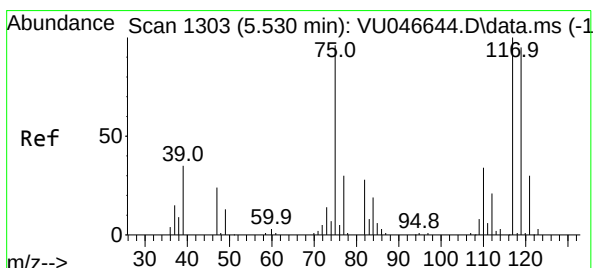
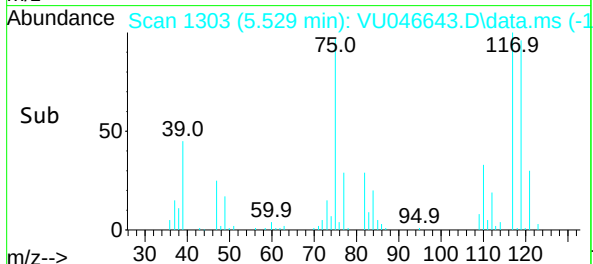
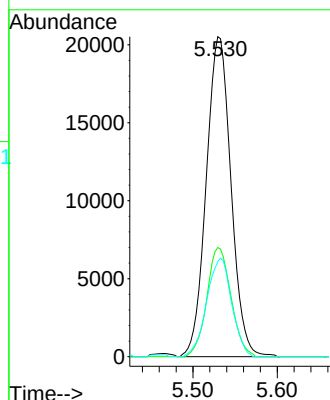
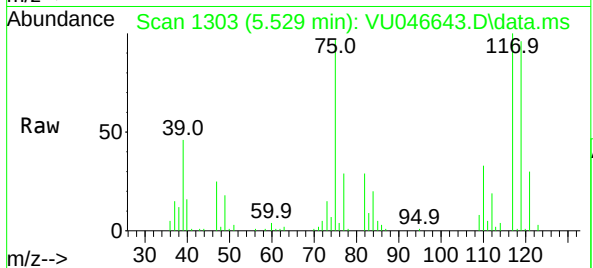
Tgt Ion: 75 Resp: 4191

Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.8	50.3
77	31.1	24.7	37.1

Manual Integrations

APPROVED

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



#30

Carbon Tetrachloride

Concen: 6.381 ug/l

RT: 5.529 min Scan# 1303

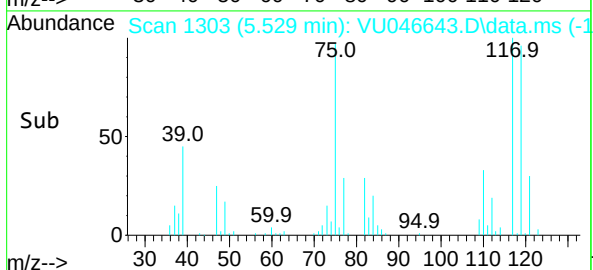
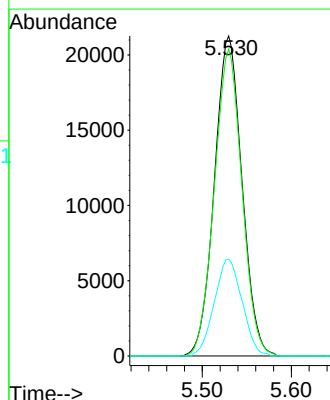
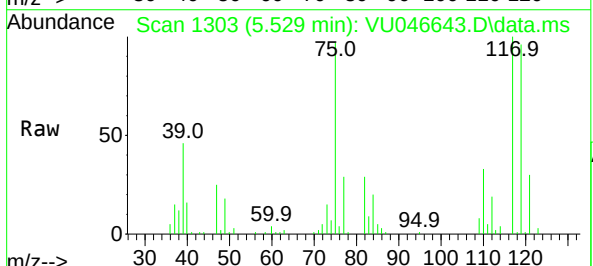
Delta R.T. -0.000 min

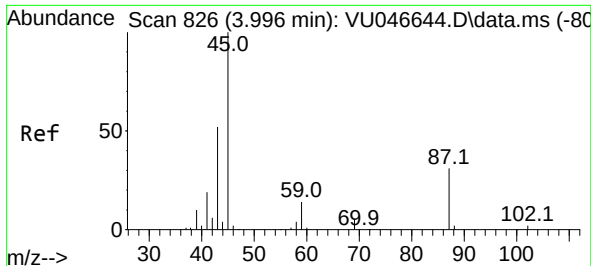
Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Tgt Ion:117 Resp: 45675

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.8	115.2
121	30.2	24.6	37.0





#31

Isopropyl Ether

Concen: 4.139 ug/l

RT: 3.996 min Scan# 826

Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 45 Resp: 67100

Ion Ratio Lower Upper

45 100

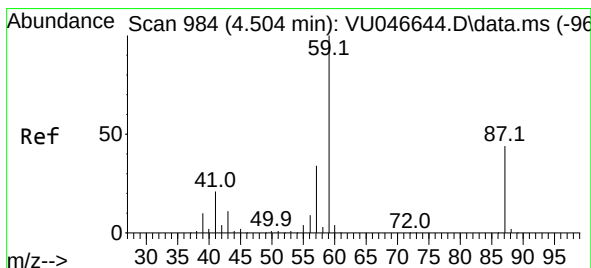
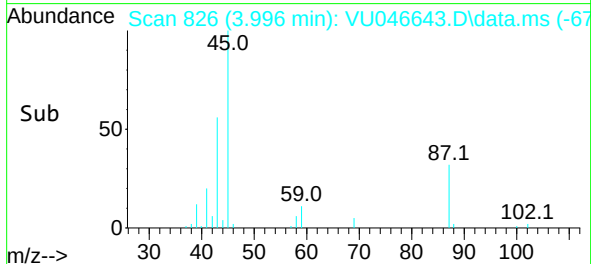
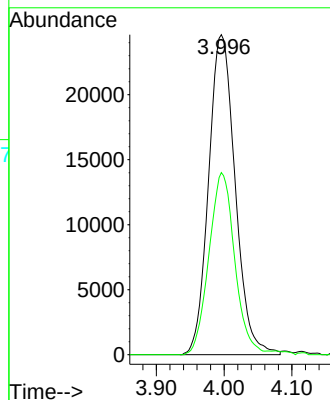
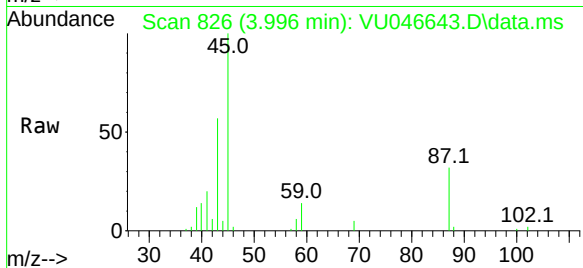
43 55.1 25.3 75.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#32

Ethyl-t-butyl ether

Concen: 4.068 ug/l

RT: 4.504 min Scan# 984

Delta R.T. -0.000 min

Lab File: VU046643.D

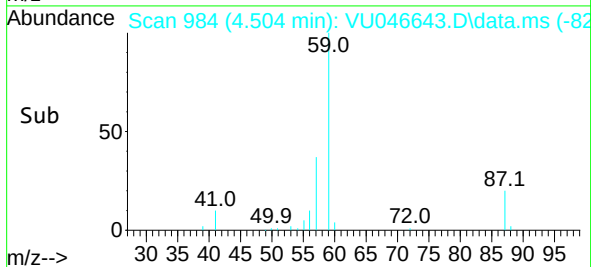
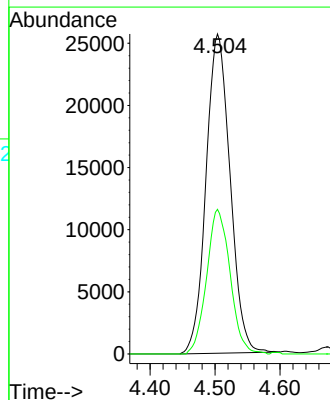
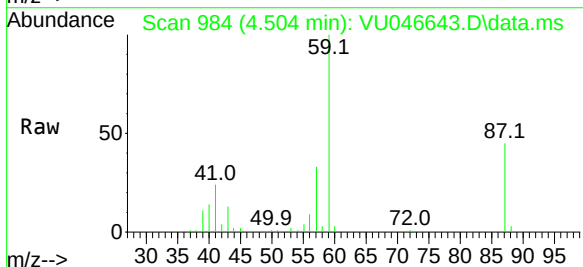
Acq: 30 Dec 2021 10:10

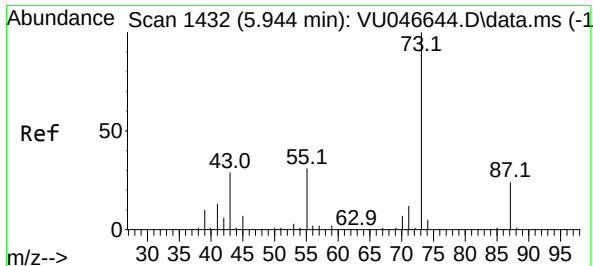
Tgt Ion: 59 Resp: 66139

Ion Ratio Lower Upper

59 100

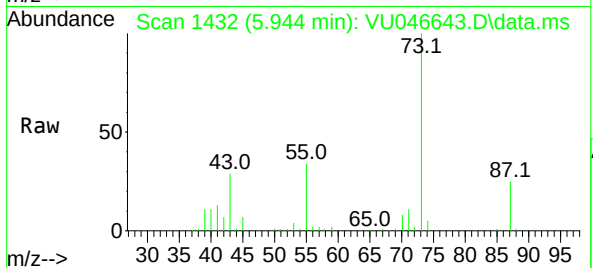
87 44.2 32.7 49.1





#33
Tert-Amyl methyl ether
Concen: 4.550 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

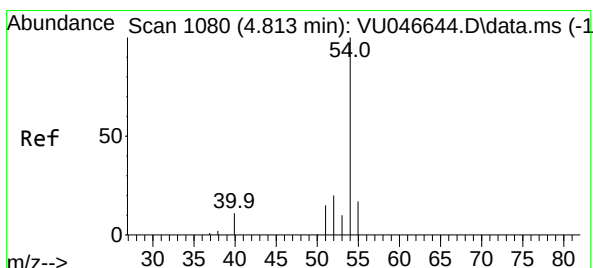
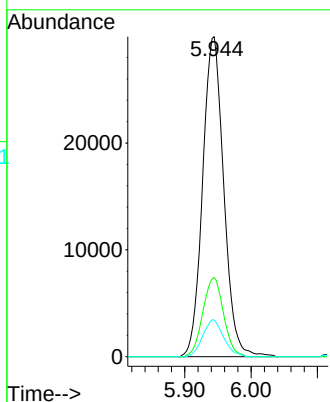
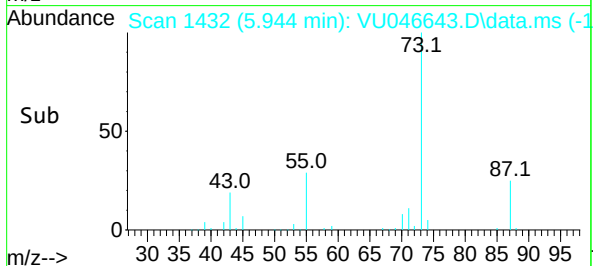
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



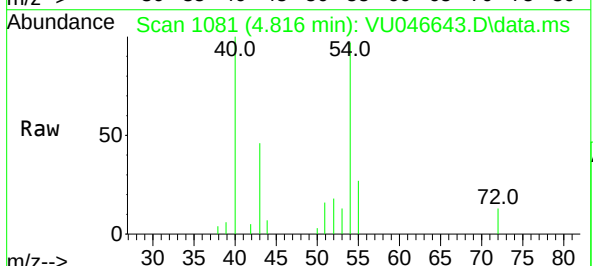
Tgt Ion: 73 Resp: 66320
Ion Ratio Lower Upper
73 100
87 24.2 18.6 28.0
71 11.4 9.0 13.6

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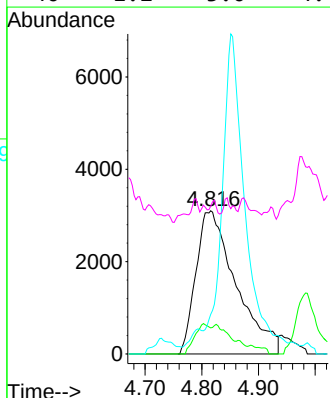
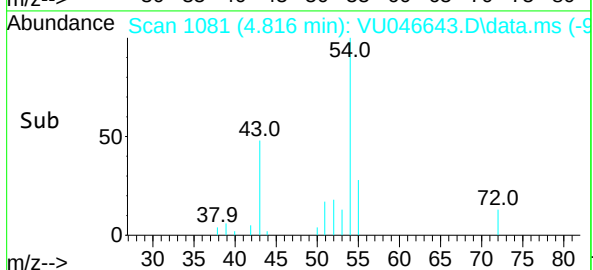
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

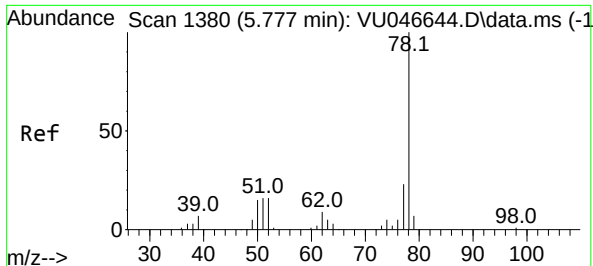


#34
Propionitrile
Concen: 29.888 ug/l
RT: 4.816 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10



Tgt Ion: 54 Resp: 15171
Ion Ratio Lower Upper
54 100
52 0.0 11.9 17.9#
55 0.0 8.0 12.0#
40 1.2 3.0 4.4#





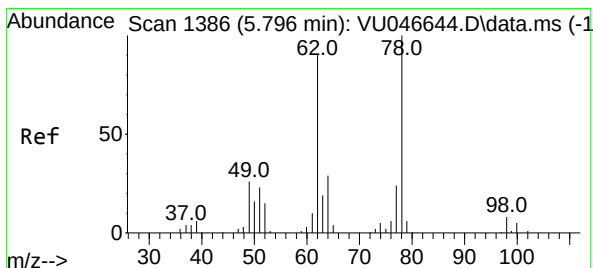
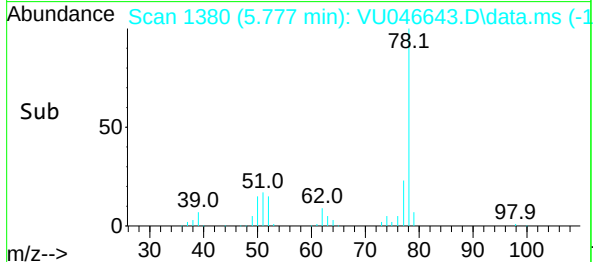
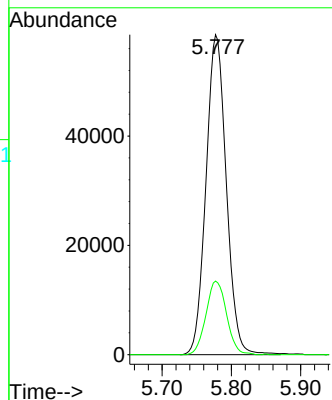
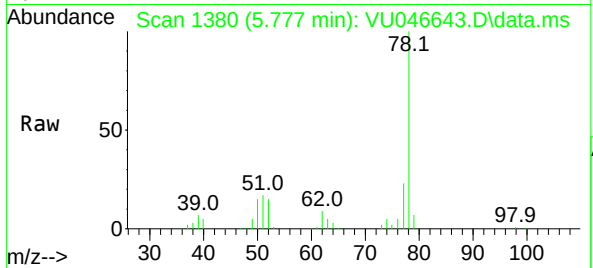
#35
Benzene
Concen: 5.106 ug/l
RT: 5.777 min Scan# 118984
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Instrument : MSVOA_U
ClientSampleId : VSTDIC005

Tgt Ion: 78 Resp: 118984
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7

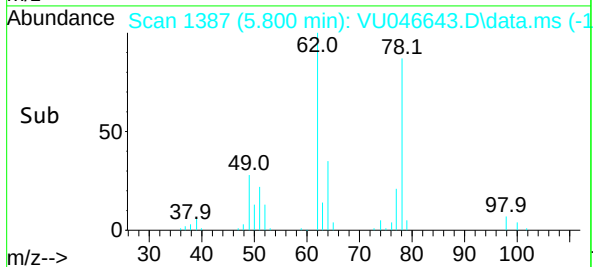
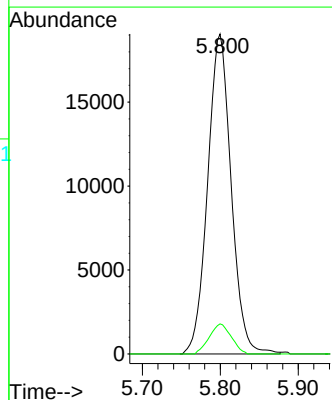
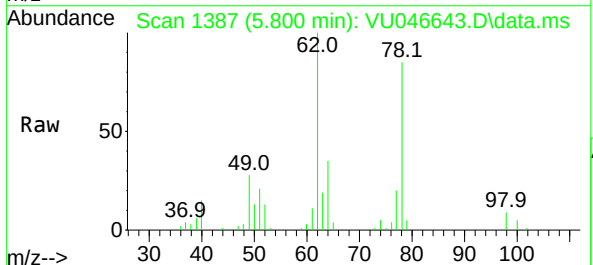
Manual Integrations
APPROVED

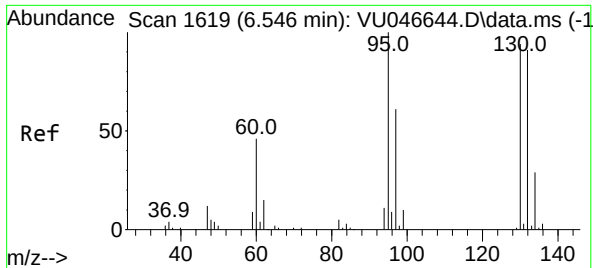
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#36
1,2-Dichloroethane
Concen: 5.315 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Tgt Ion: 62 Resp: 39963
Ion Ratio Lower Upper
62 100
98 8.8 7.3 10.9





#37
Trichloroethene
Concen: 5.131 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

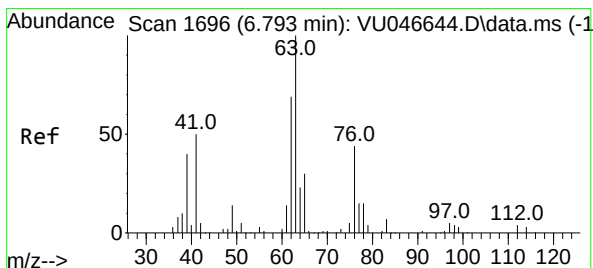
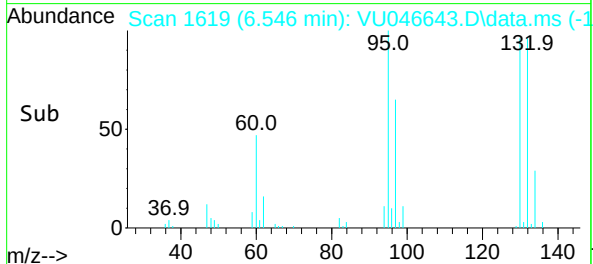
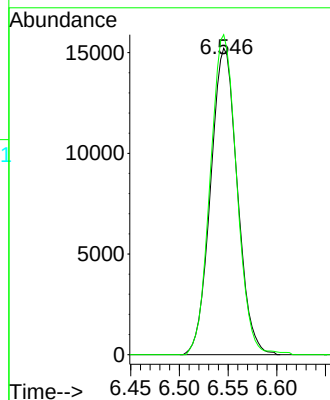
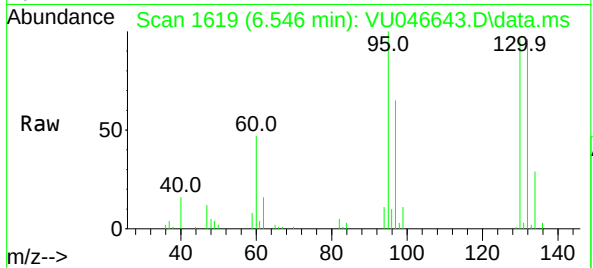
VSTDIC005

Tgt Ion:130 Resp: 29110
Ion Ratio Lower Upper
130 100
95 104.4 83.8 125.8

Manual Integrations

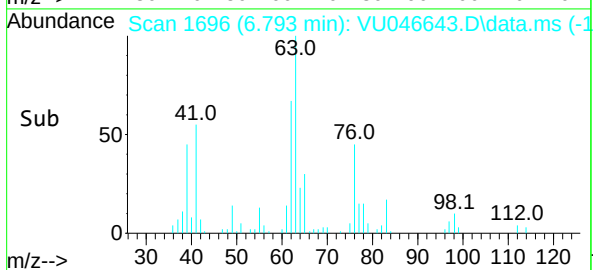
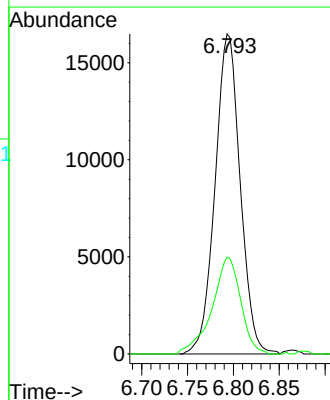
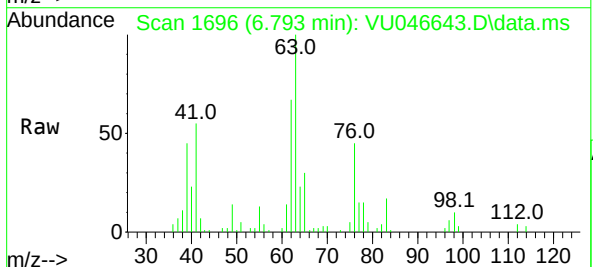
APPROVED

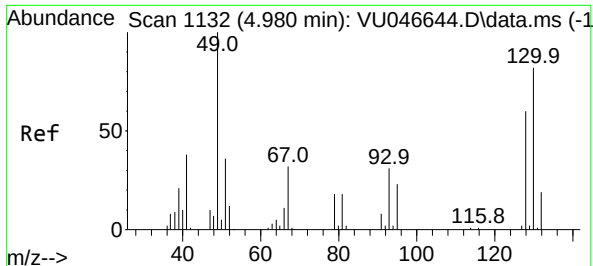
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#38
1,2-Dichloropropane
Concen: 5.187 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Tgt Ion: 63 Resp: 31394
Ion Ratio Lower Upper
63 100
65 30.3 24.7 37.1





#39

Methacrylonitrile

Concen: 5.190 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 10384

Ion Ratio Lower Upper

41 100

67 81.0 65.2 97.8

39 55.6 43.0 64.6

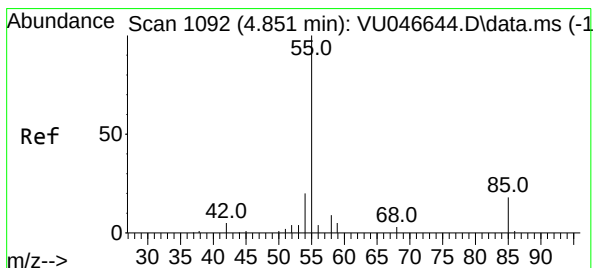
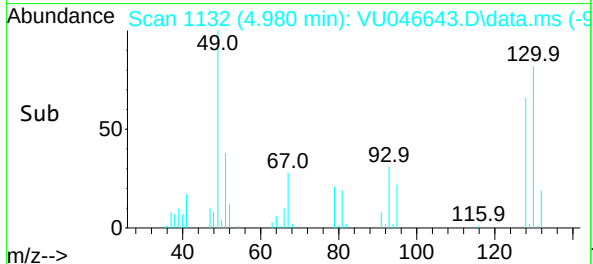
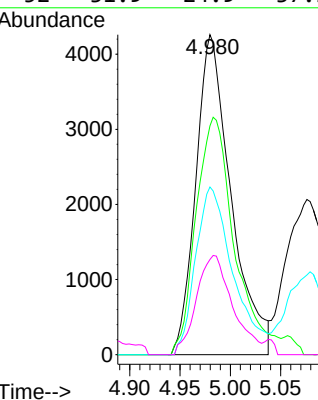
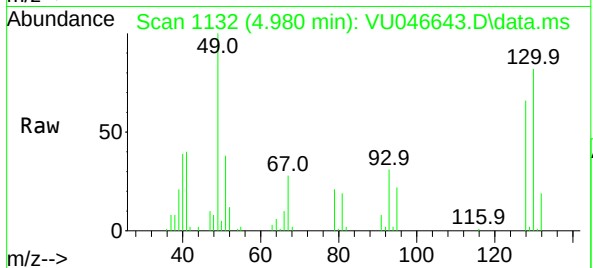
52 31.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#40

Methyl acrylate

Concen: 5.342 ug/l

RT: 4.851 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Tgt Ion: 55 Resp: 18028

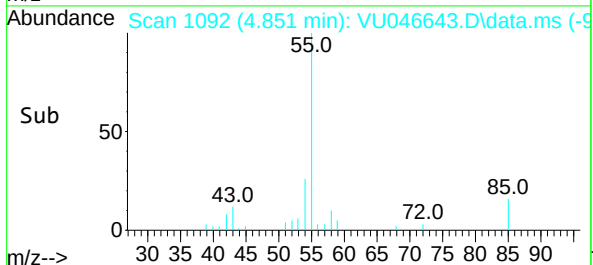
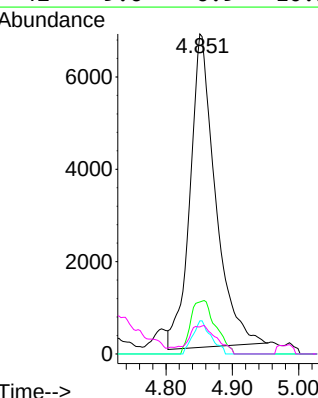
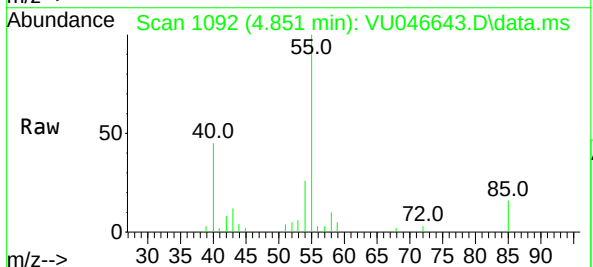
Ion Ratio Lower Upper

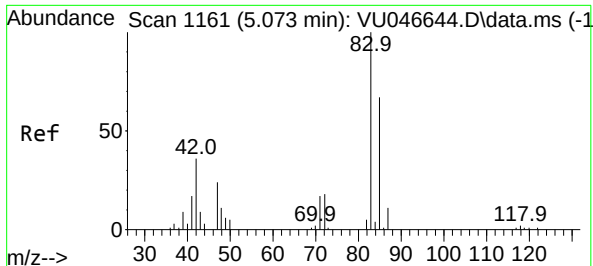
55 100

85 16.6 12.2 18.2

58 7.6 6.7 10.1

42 9.6 6.9 10.3





#41

Tetrahydrofuran

Concen: 9.232 ug/l

RT: 5.070 min Scan# 1161

Delta R.T. -0.003 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

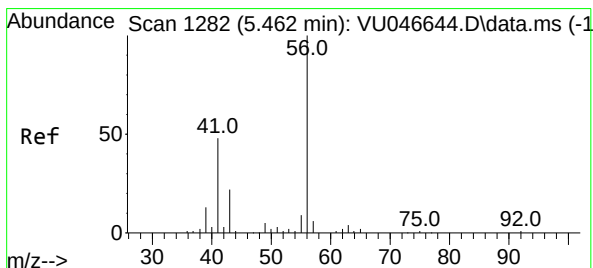
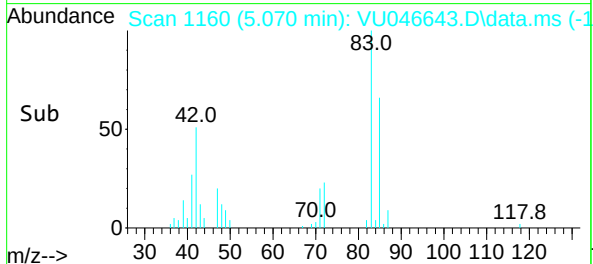
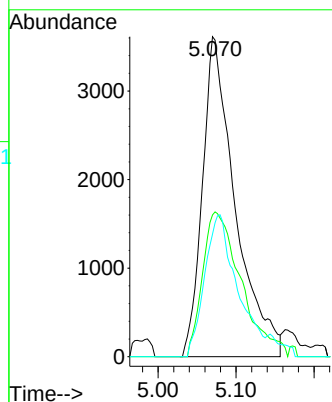
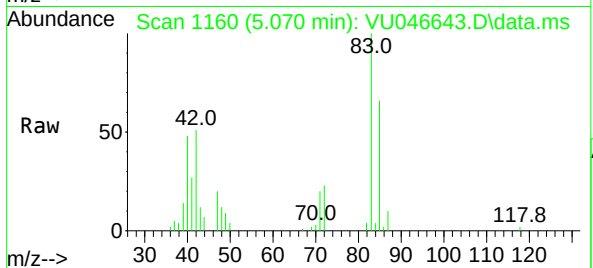
VSTDIC005

Tgt Ion:	42	Resp:	10549
Ion Ratio	Lower	Upper	
42	100		
72	53.1	42.4	63.6
71	44.1	36.4	54.6

Manual Integrations

APPROVED

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



#42

1-Chlorobutane

Concen: 4.836 ug/l

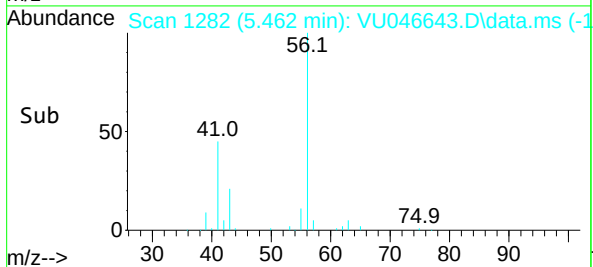
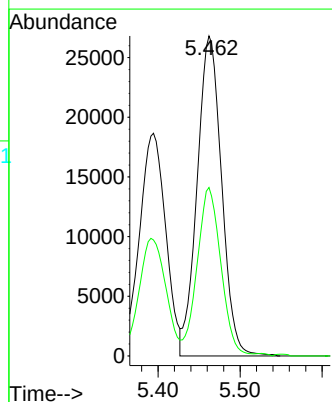
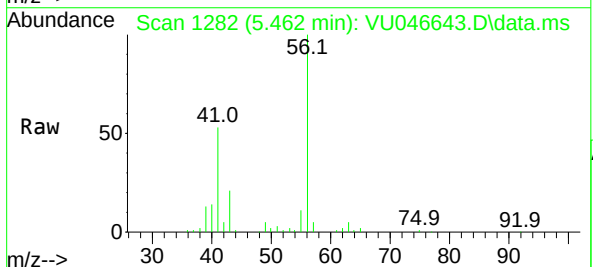
RT: 5.462 min Scan# 1282

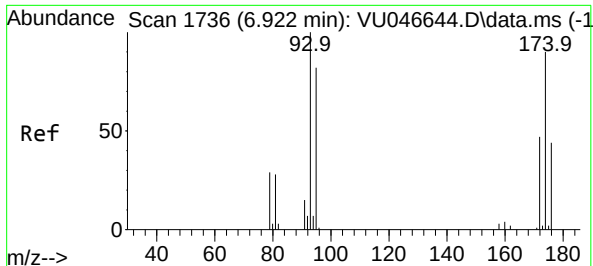
Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

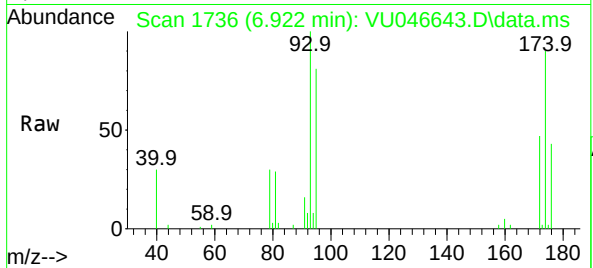
Tgt Ion:	56	Resp:	55660
Ion Ratio	Lower	Upper	
56	100		
41	50.0	26.0	78.0





#43
Dibromomethane
Concen: 5.901 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

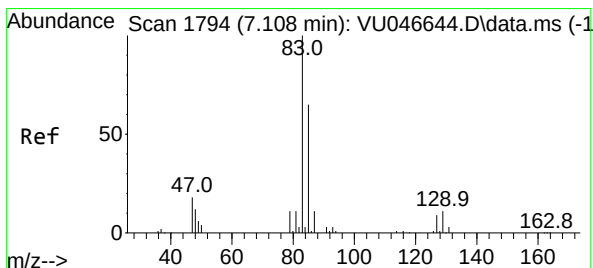
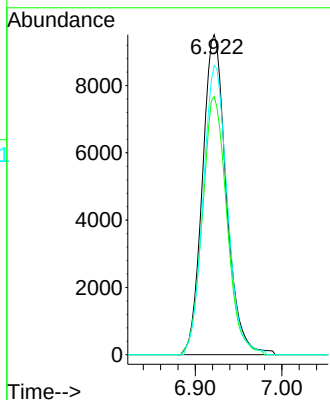
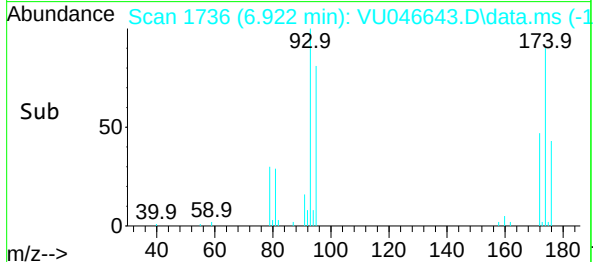
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



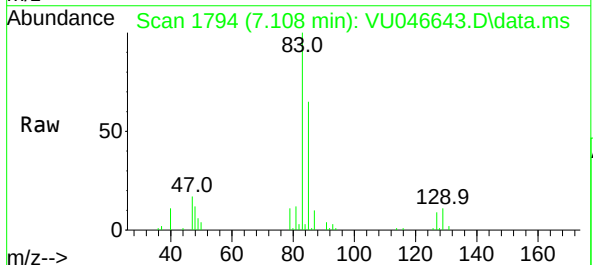
Tgt Ion: 93 Resp: 1821
Ion Ratio Lower Upper
93 100
95 82.3 66.2 99.2
174 91.1 70.7 106.1

Manual Integrations
APPROVED

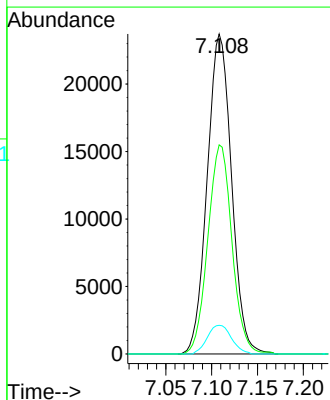
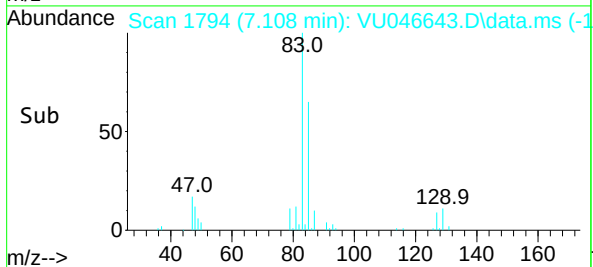
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

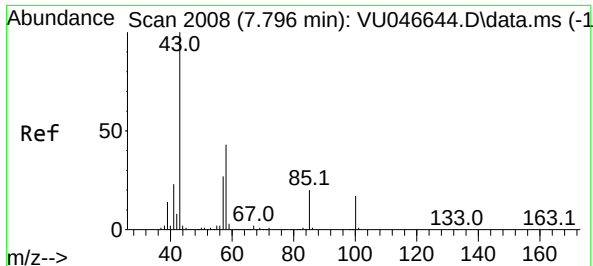


#44
Bromodichloromethane
Concen: 5.724 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10



Tgt Ion: 83 Resp: 43745
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3
127 8.9 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 25.204 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 10333

Ion Ratio Lower Upper

43 100

58 41.1 21.0 63.0

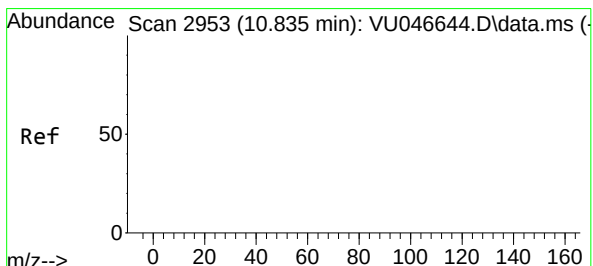
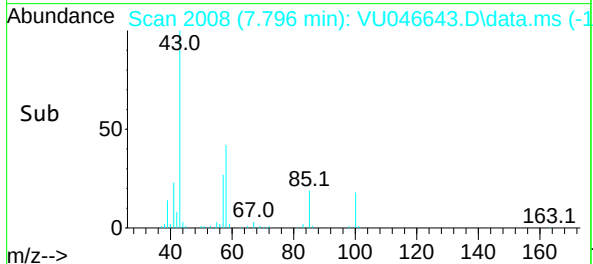
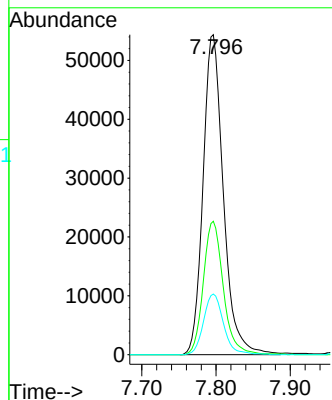
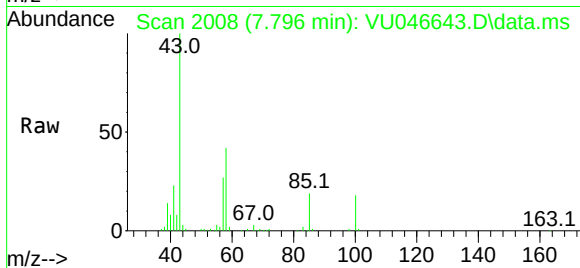
85 18.7 14.8 22.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#46

t-1,4-Dichloro-2-butene

Concen: 13.106 ug/l m

RT: 10.835 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Tgt Ion: 75 Resp: 19754

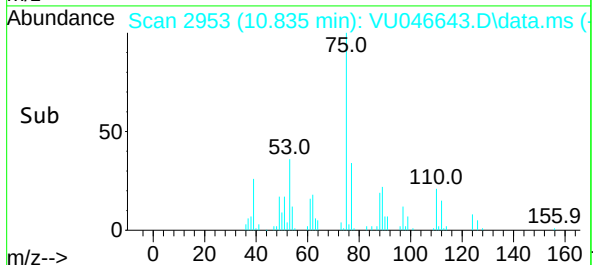
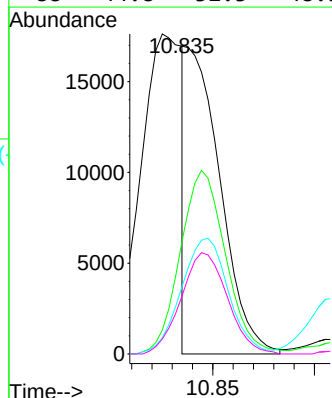
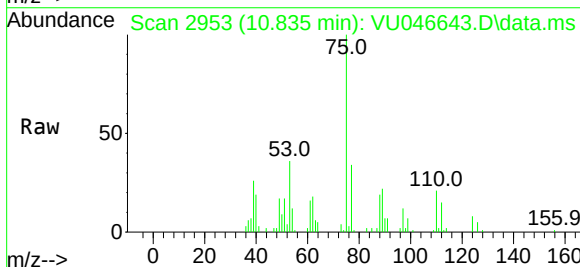
Ion Ratio Lower Upper

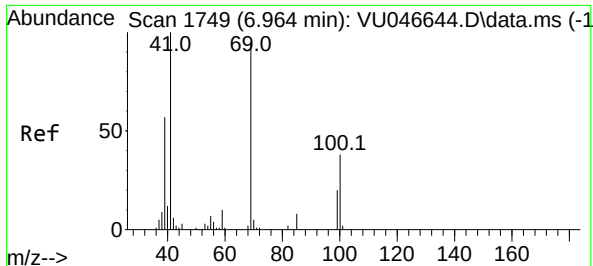
75 100

53 79.4 66.8 100.2

89 51.9 41.7 62.5

88 44.8 32.3 48.5





#47

Methyl methacrylate

Concen: 10.291 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 69 Resp: 3153

Ion Ratio Lower Upper

69 100

41 106.0 0.0 230.0

39 61.7 55.1 82.7

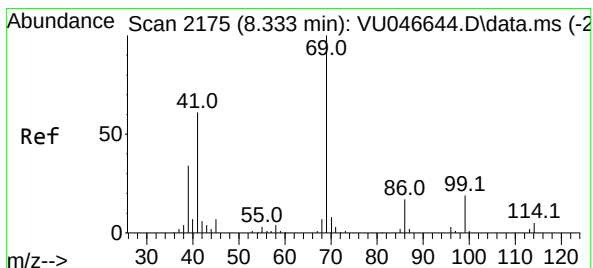
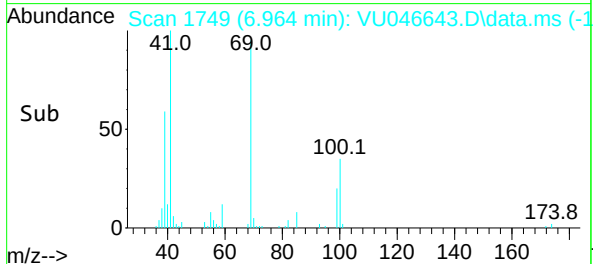
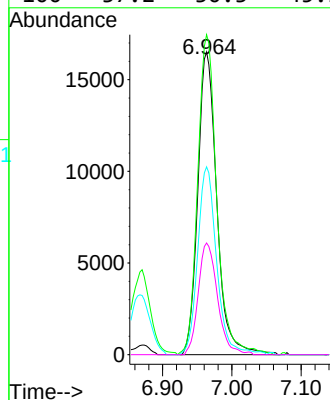
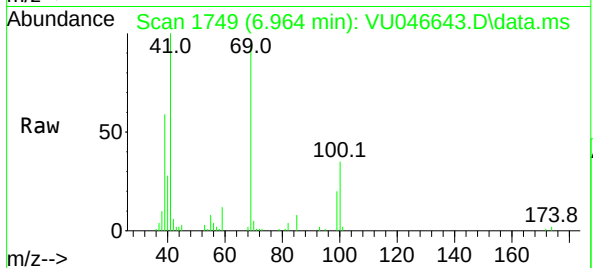
100 37.2 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#48

Ethyl methacrylate

Concen: 4.589 ug/l

RT: 8.336 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU046643.D

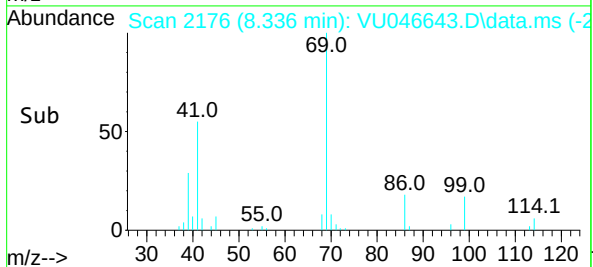
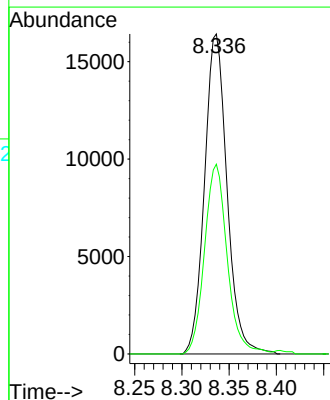
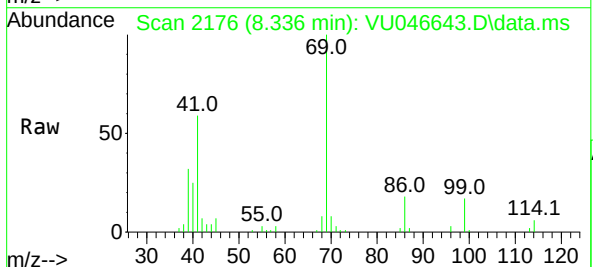
Acq: 30 Dec 2021 10:10

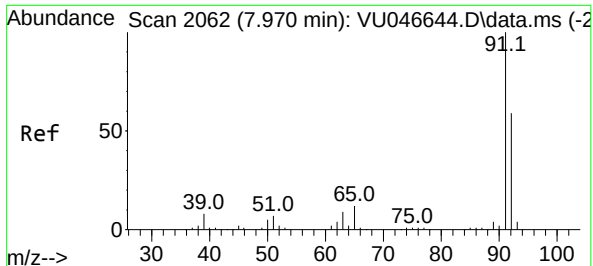
Tgt Ion: 69 Resp: 27204

Ion Ratio Lower Upper

69 100

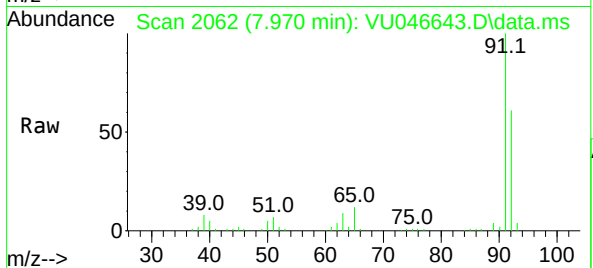
41 59.8 32.6 98.0





#49
Toluene
Concen: 5.054 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

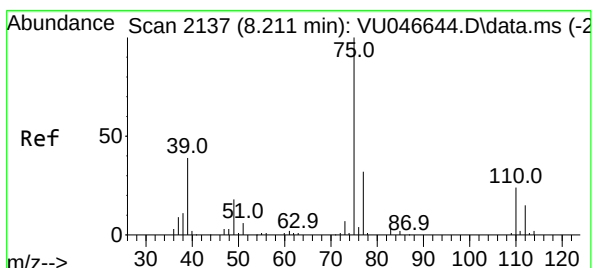
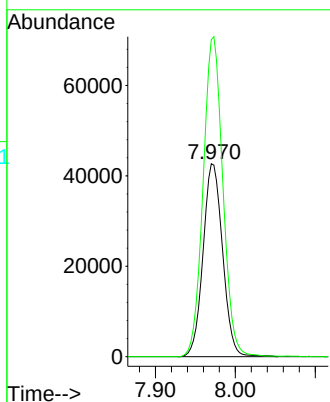
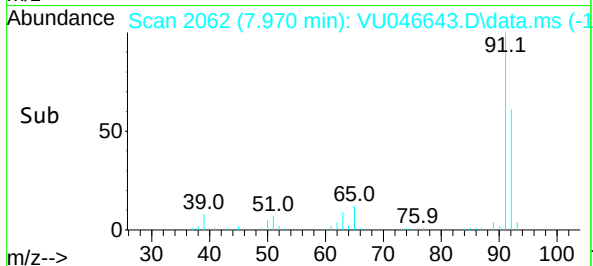
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 92 Resp: 7256
Ion Ratio Lower Upper
92 100
91 167.5 136.8 205.2

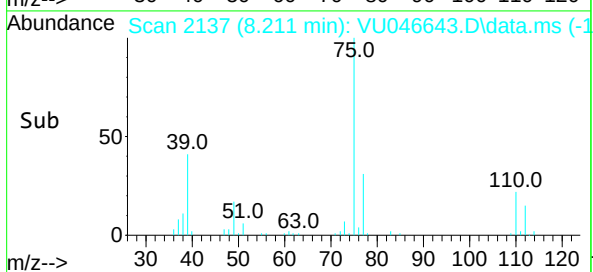
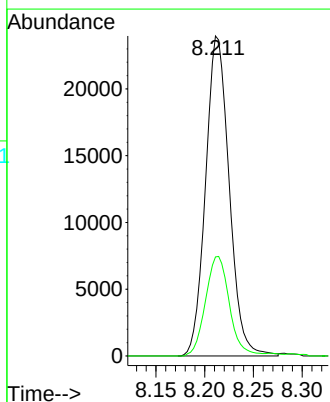
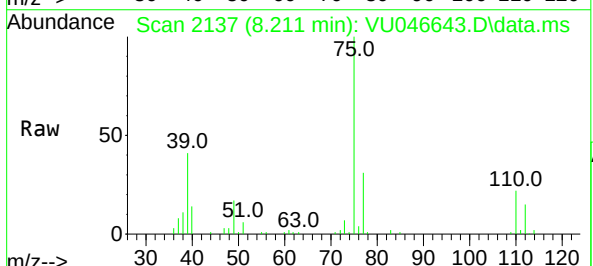
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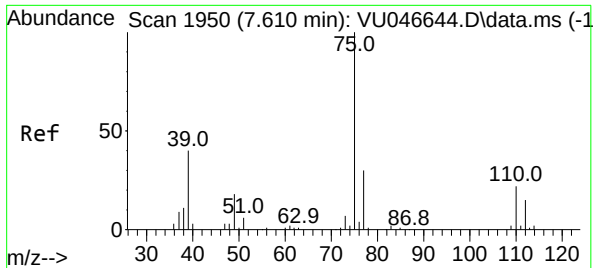
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#50
t-1,3-Dichloropropene
Concen: 5.455 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

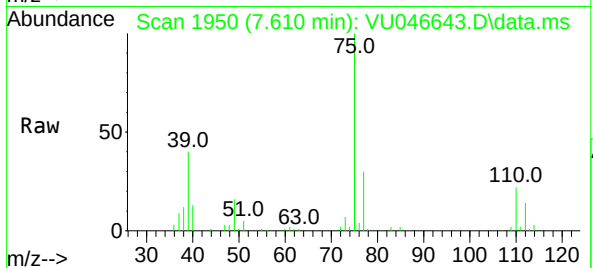
Tgt Ion: 75 Resp: 40387
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4





#51
cis-1,3-Dichloropropene
Concen: 4.945 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

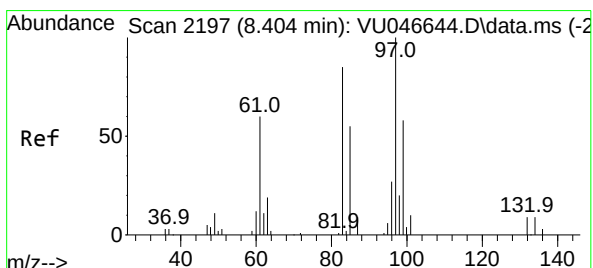
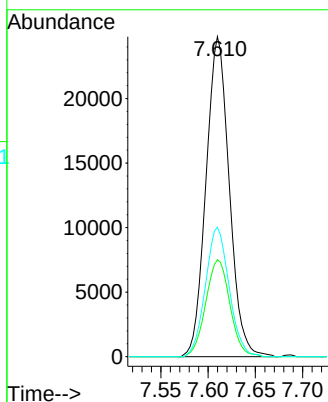
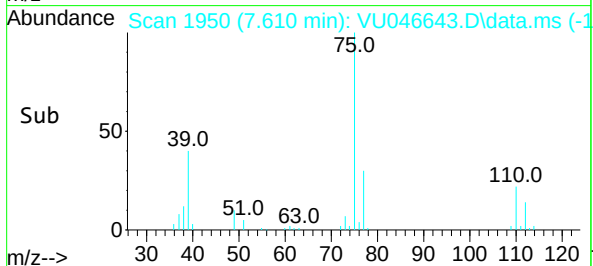
Instrument : MSVOA_U
Client Sample Id : VSTDIC005



Tgt Ion: 75 Resp: 4239
Ion Ratio Lower Upper
75 100
77 30.3 25.2 37.8
39 40.4 38.6 57.8

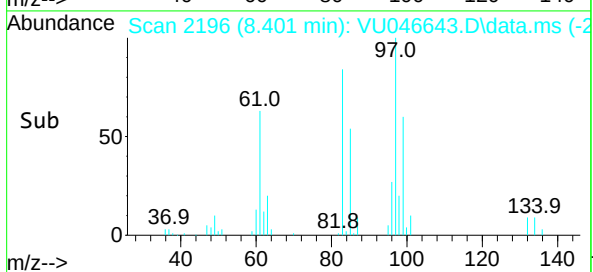
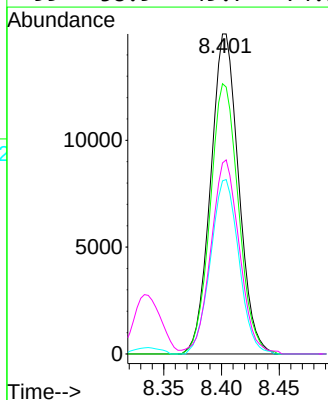
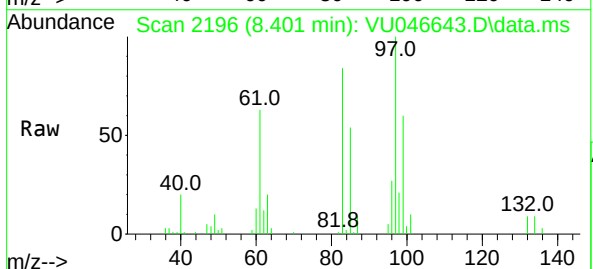
Manual Integrations
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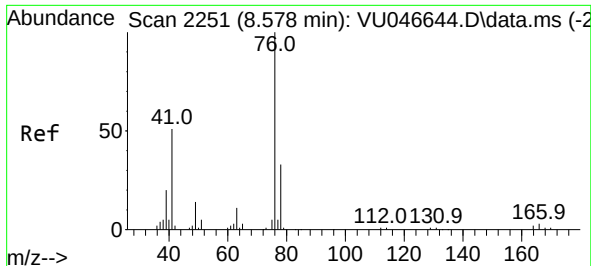
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#52
1,1,2-Trichloroethane
Concen: 5.723 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Tgt Ion: 97 Resp: 25256
Ion Ratio Lower Upper
97 100
83 84.5 69.8 104.8
85 54.1 44.2 66.4
99 58.9 49.7 74.5





#53

1,3-Dichloropropane

Concen: 5.261 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 4296

Ion Ratio Lower Upper

76 100

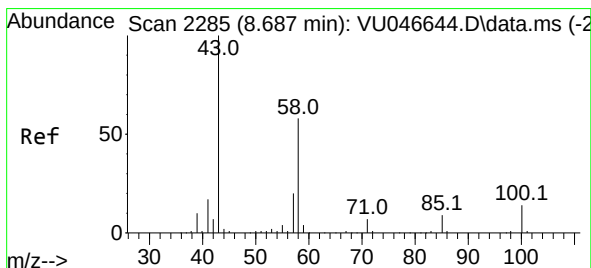
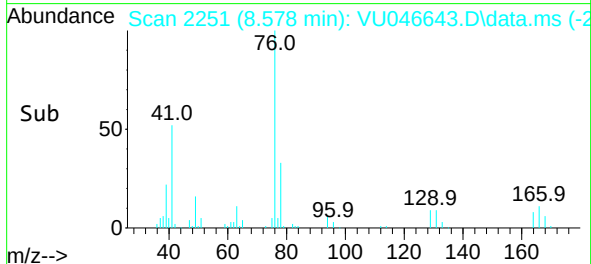
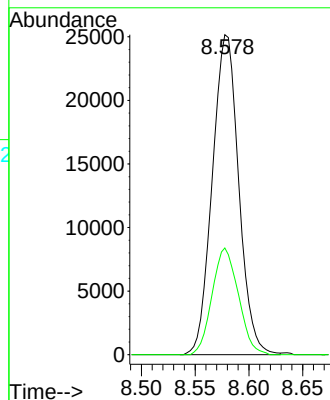
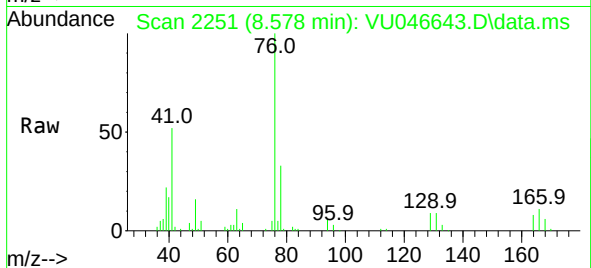
78 33.2 25.4 38.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#54

2-Hexanone

Concen: 23.851 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

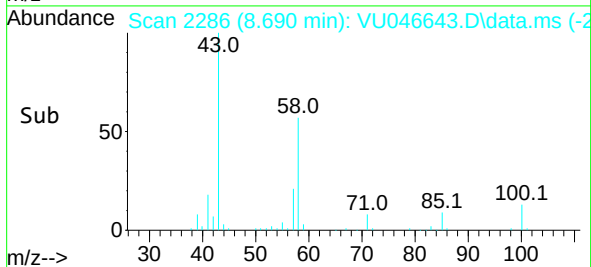
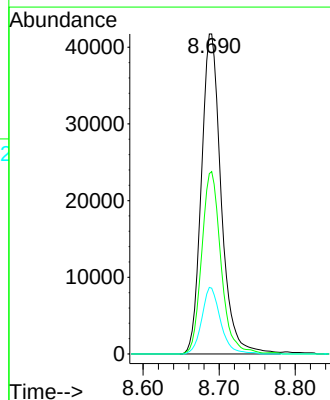
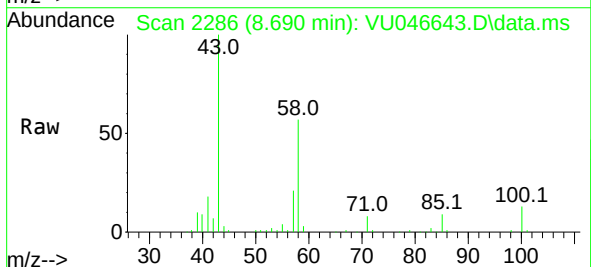
Tgt Ion: 43 Resp: 75308

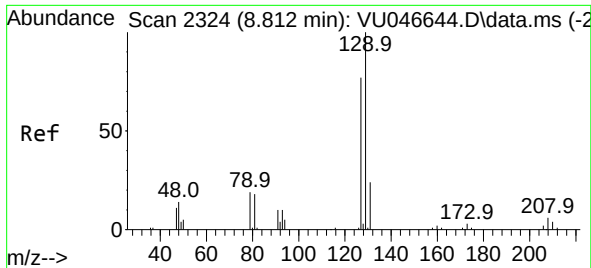
Ion Ratio Lower Upper

43 100

58 55.7 37.7 77.7

57 19.7 0.5 40.5





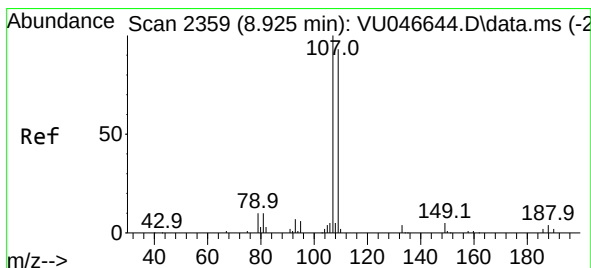
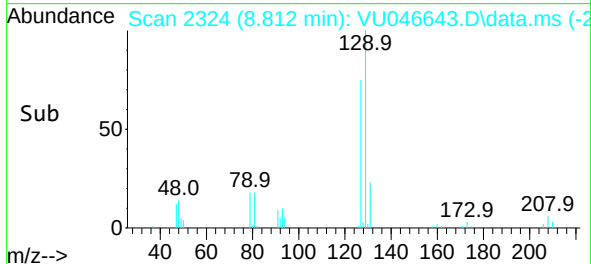
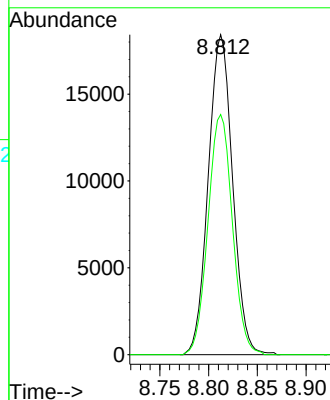
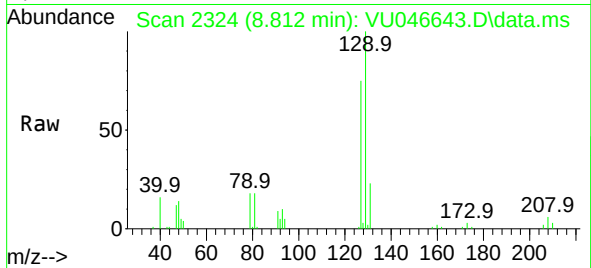
#55
Dibromochloromethane
Concen: 6.720 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 32039
Ion Ratio Lower Upper
129 100
127 75.2 62.2 93.4

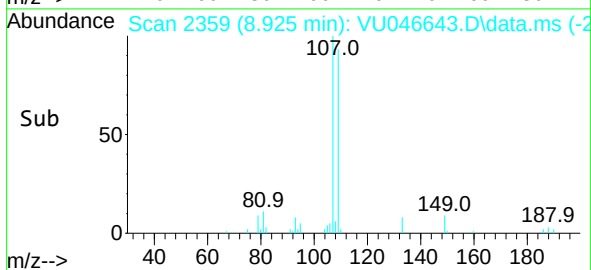
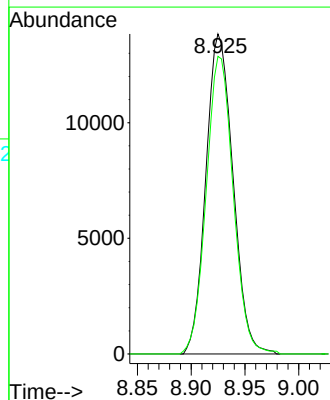
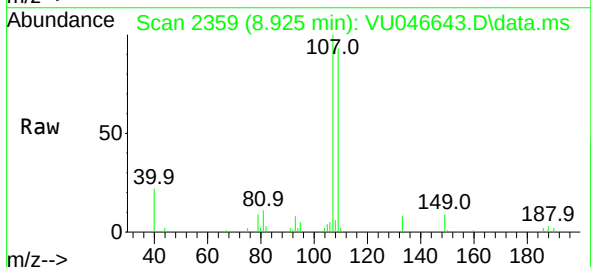
Manual Integrations
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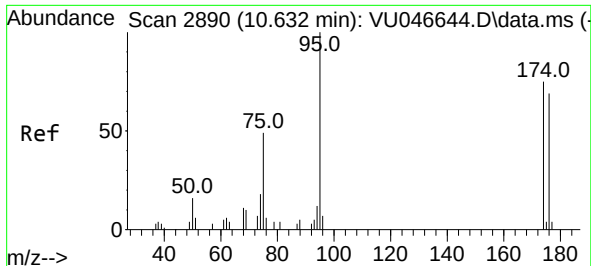
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#56
1,2-Dibromoethane
Concen: 5.816 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

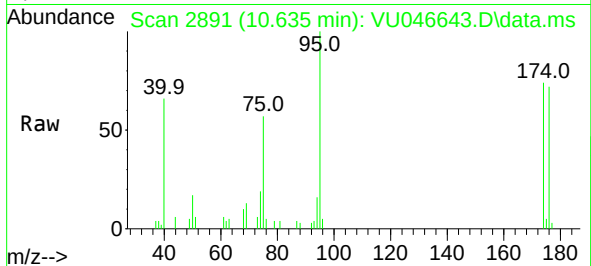
Tgt Ion:107 Resp: 24228
Ion Ratio Lower Upper
107 100
109 92.8 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.055 ug/l
RT: 10.635 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

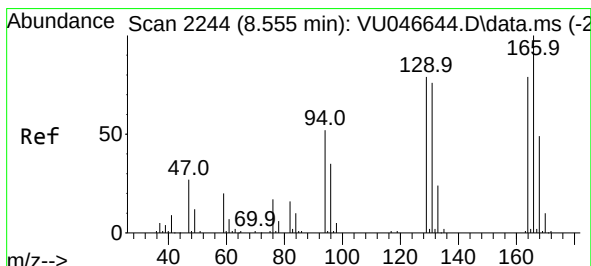
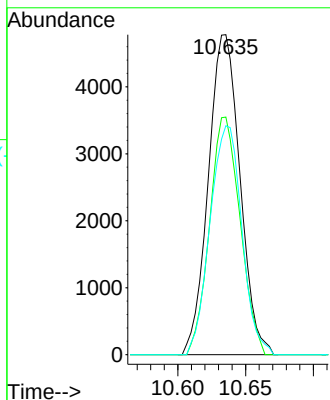
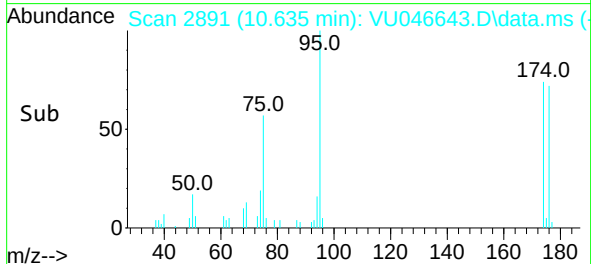
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 95 Resp: 7764
Ion Ratio Lower Upper
95 100
174 71.5 56.6 84.8
176 71.7 54.3 81.5

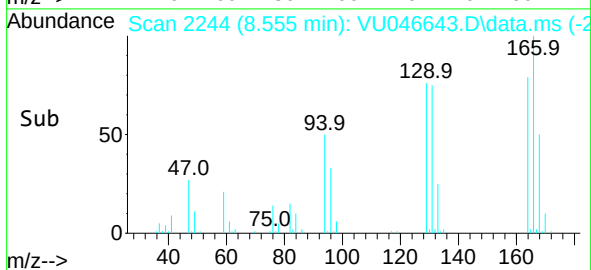
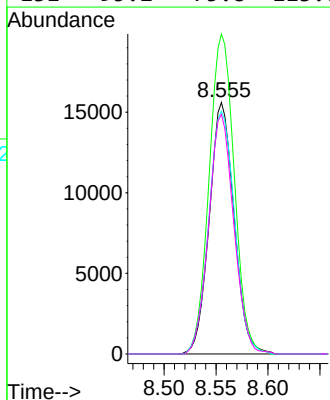
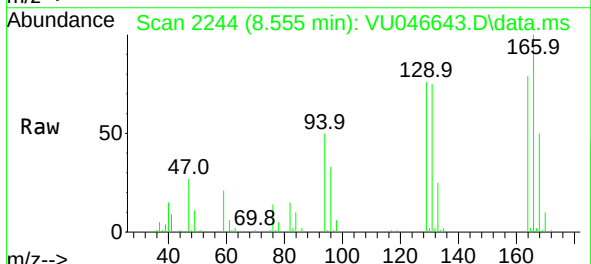
Manual Integrations
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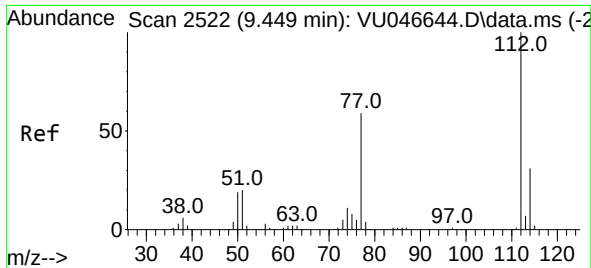
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#58
Tetrachloroethene
Concen: 5.052 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

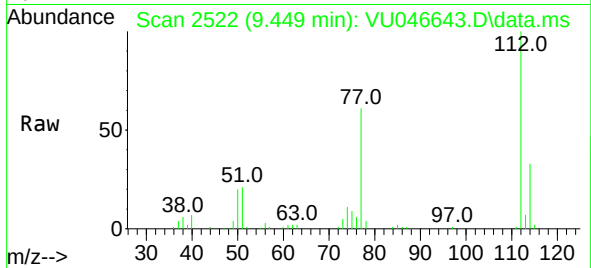
Tgt Ion:164 Resp: 25861
Ion Ratio Lower Upper
164 100
166 127.2 102.0 153.0
129 96.5 77.1 115.7
131 95.2 75.8 113.6





#59
Chlorobenzene
Concen: 5.022 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

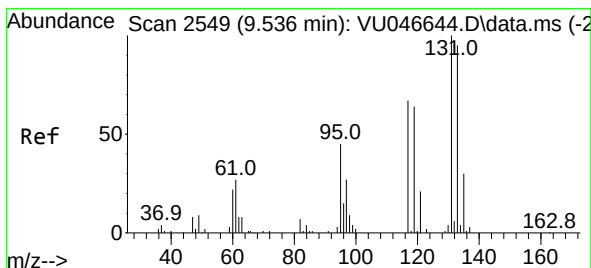
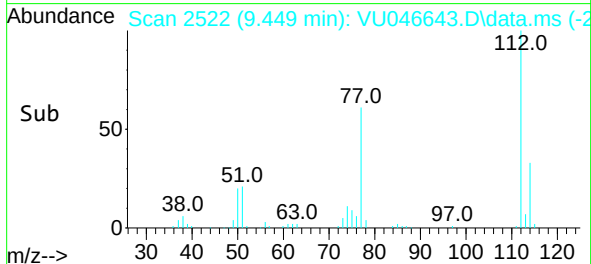
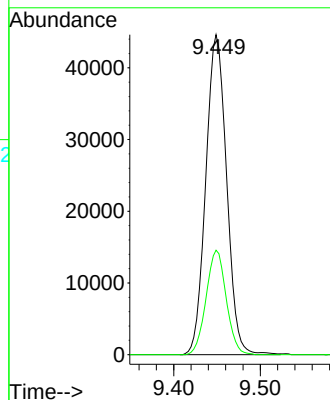
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:112 Resp: 7458
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0

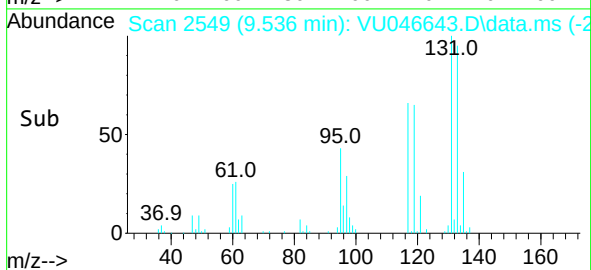
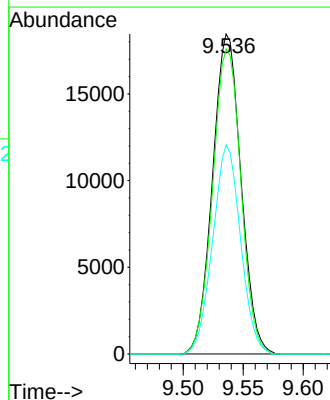
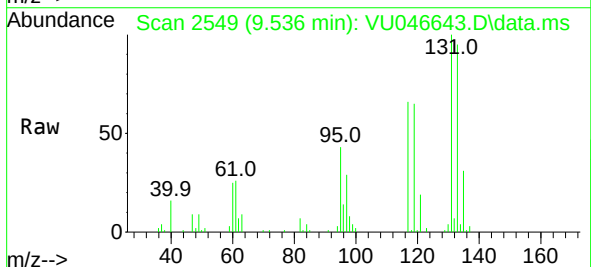
Manual Integrations
APPROVED

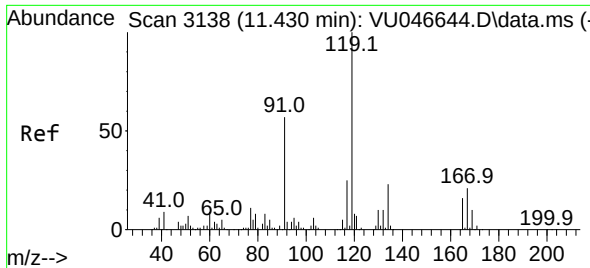
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 5.990 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

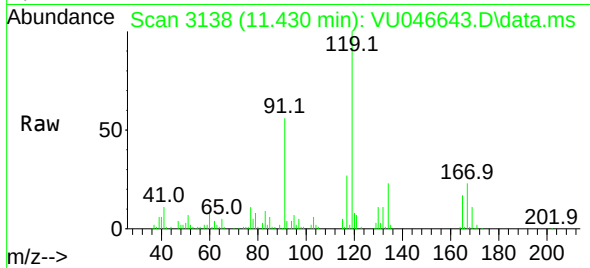
Tgt Ion:131 Resp: 30414
Ion Ratio Lower Upper
131 100
133 94.8 76.0 114.0
119 64.1 54.9 82.3





#61
Pentachloroethane
Concen: 7.650 ug/l m
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

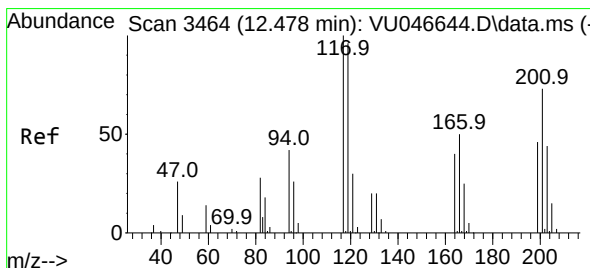
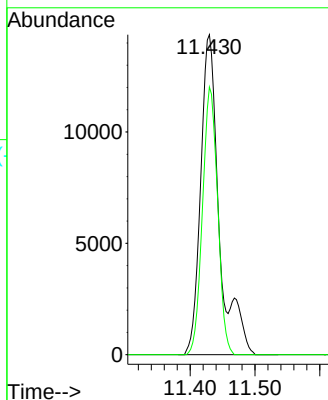
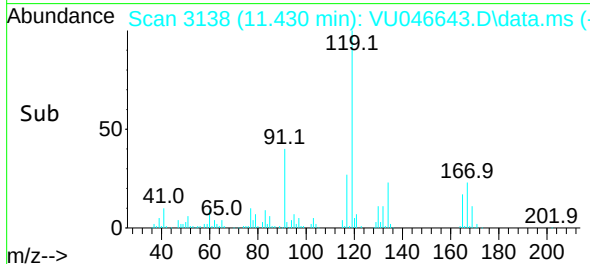
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion:117 Resp: 28609
Ion Ratio Lower Upper
117 100
167 68.3 59.7 89.5

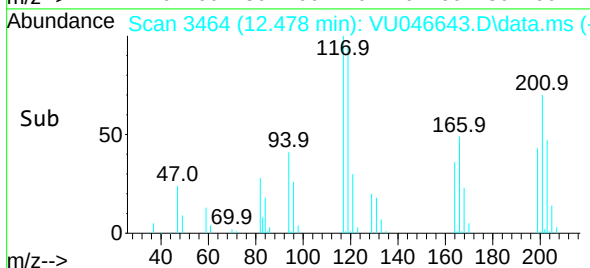
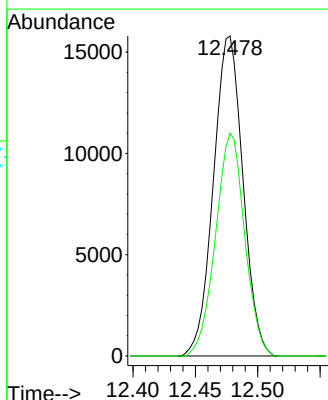
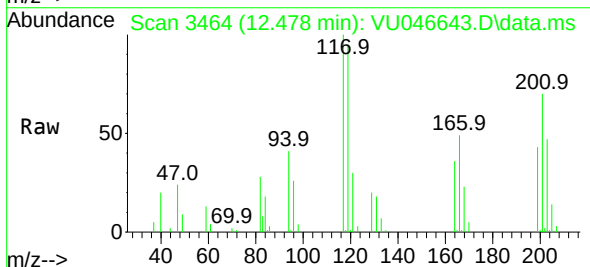
Manual Integrations
APPROVED

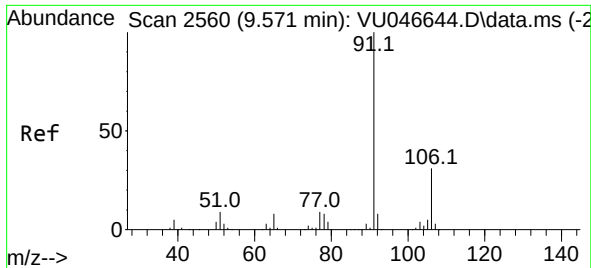
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#62
Hexachloroethane
Concen: 6.610 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

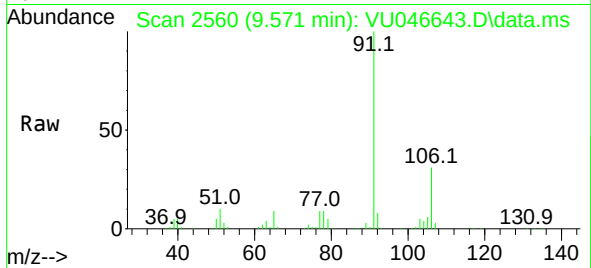
Tgt Ion:117 Resp: 26008
Ion Ratio Lower Upper
117 100
201 68.8 53.6 80.4





#63
Ethyl Benzene
Concen: 4.749 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

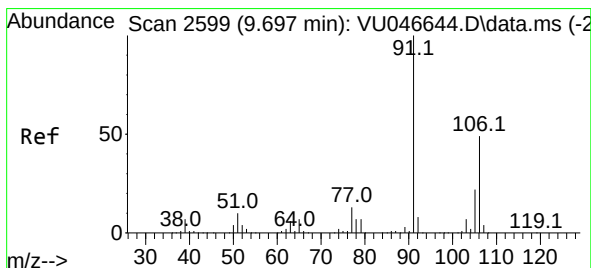
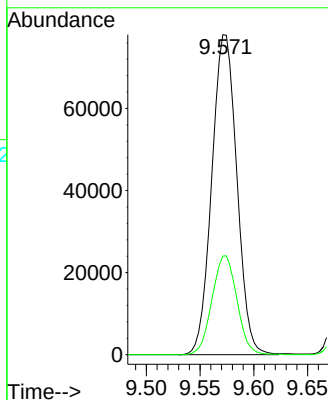
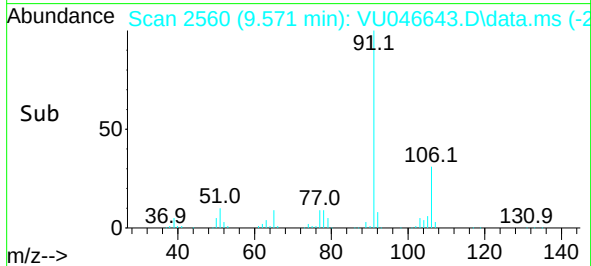
Instrument : MSVOA_U
ClientSampleId : VSTDIC005



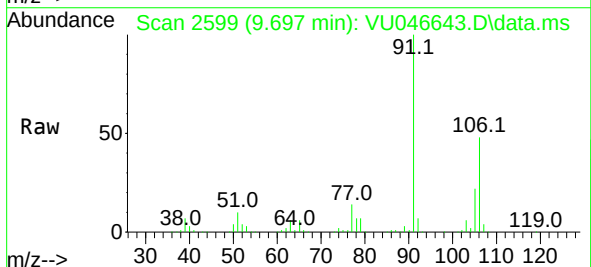
Tgt Ion: 91 Resp: 12628
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6

Manual Integrations
APPROVED

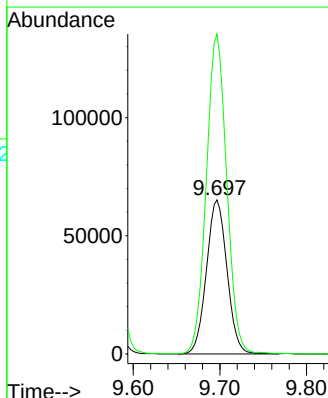
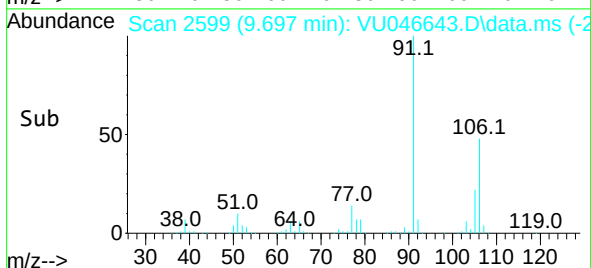
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

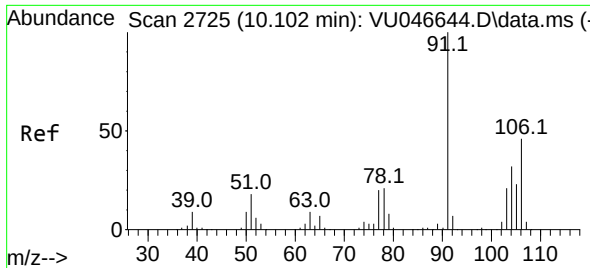


#64
m/p-Xylenes
Concen: 10.572 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10



Tgt Ion:106 Resp: 107497
Ion Ratio Lower Upper
106 100
91 206.5 165.5 248.3





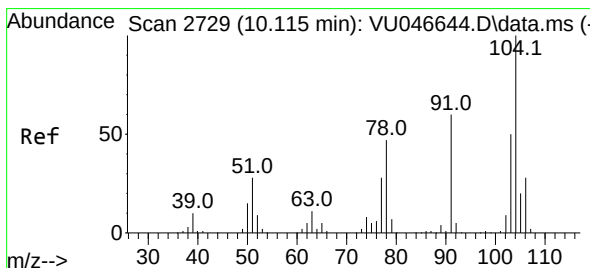
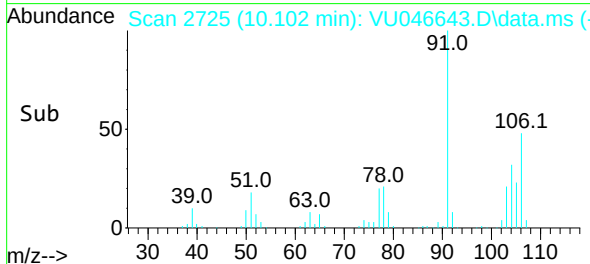
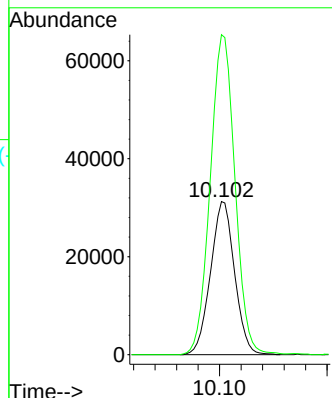
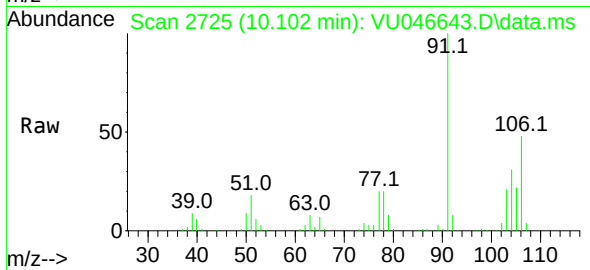
#65
o-Xylene
Concen: 4.907 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 4847
Ion Ratio Lower Upper
106 100
91 215.3 109.4 328.2

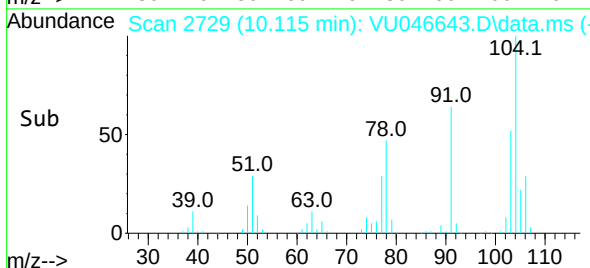
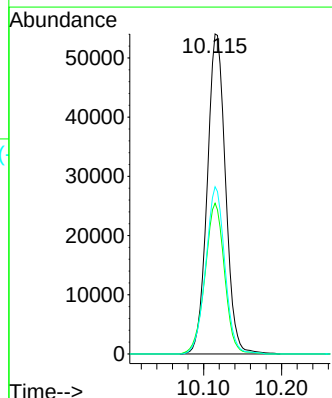
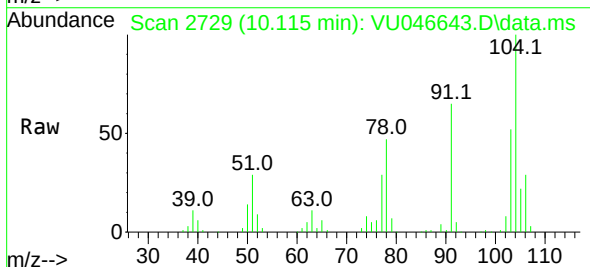
Manual Integrations
APPROVED

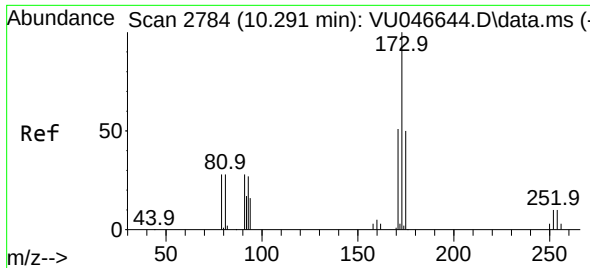
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#66
Styrene
Concen: 5.395 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

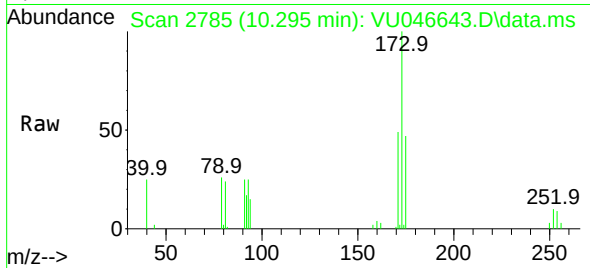
Tgt Ion:104 Resp: 88081
Ion Ratio Lower Upper
104 100
78 50.2 42.4 63.6
103 54.6 44.2 66.4





#67
Bromoform
Concen: 7.520 ug/l
RT: 10.295 min Scan# 2784
Delta R.T. 0.003 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

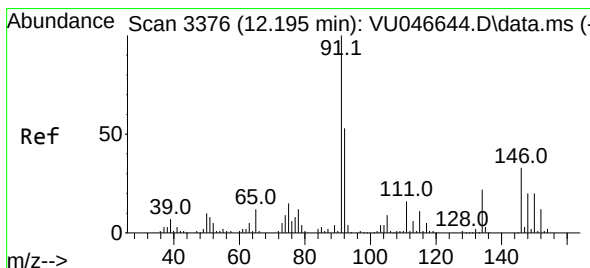
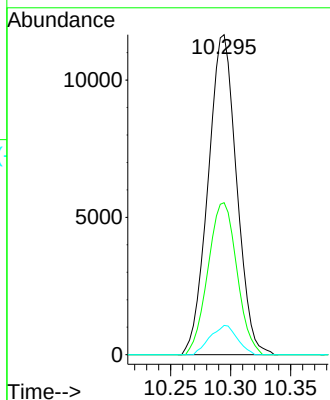
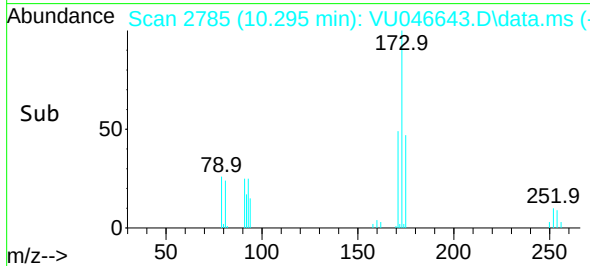
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



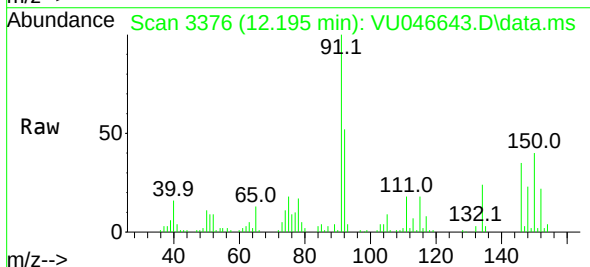
Tgt Ion:173 Resp: 19234
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 8.7 5.5 8.3

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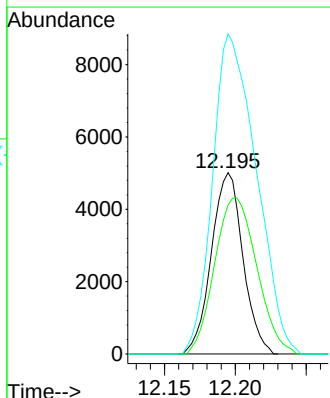
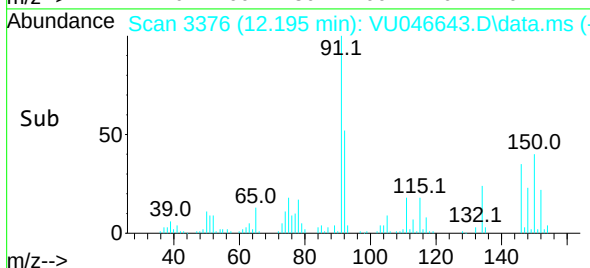
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

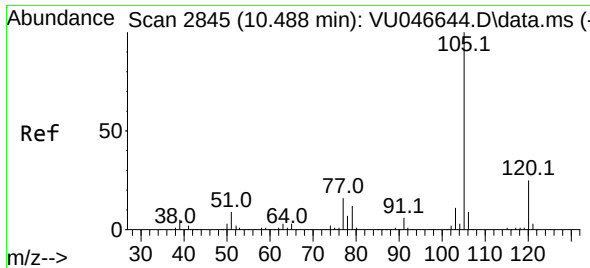


#68
1,2-Dichlorobenzene-d4
Concen: 1.101 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10



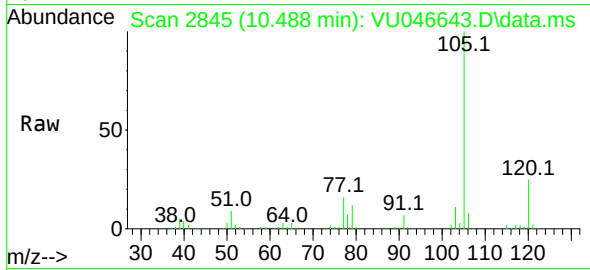
Tgt Ion:152 Resp: 7775
Ion Ratio Lower Upper
152 100
115 114.6 0.0 251.0
150 243.8 0.0 613.8





#69
Isopropylbenzene
Concen: 4.962 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

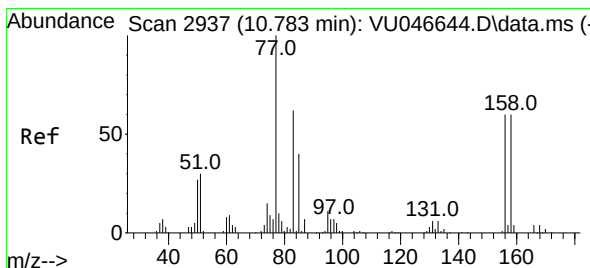
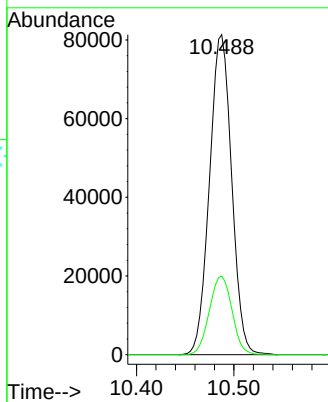
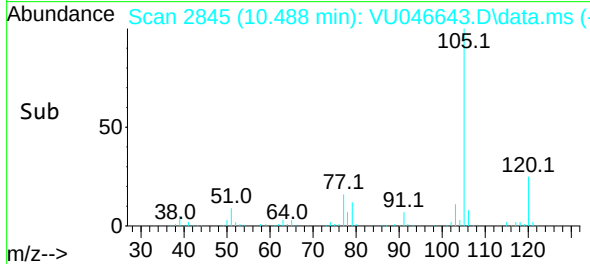
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:105 Resp: 128339
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.4

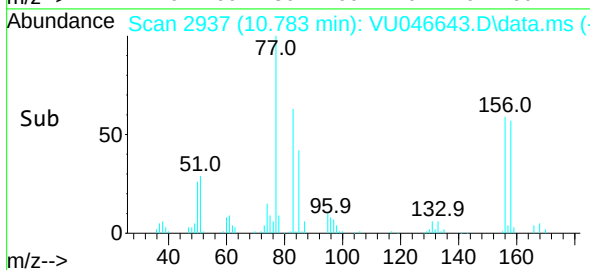
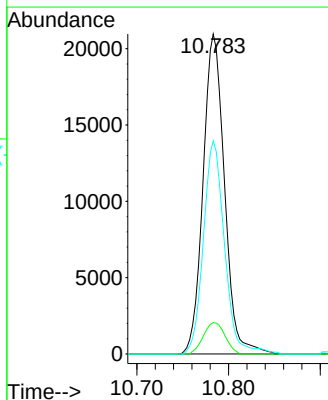
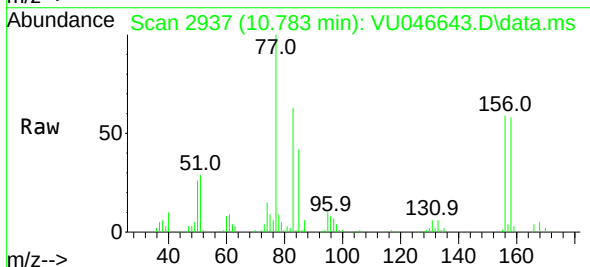
Manual Integrations
APPROVED

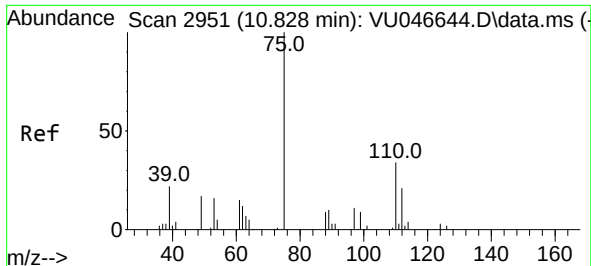
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#70
1,1,2,2-Tetrachloroethane
Concen: 5.948 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

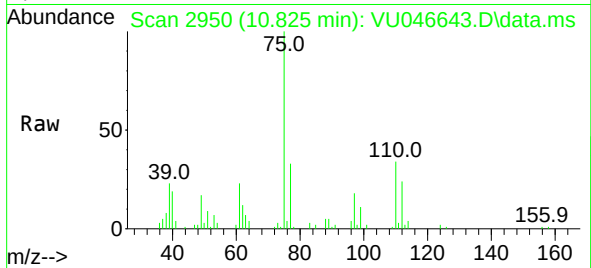
Tgt Ion: 83 Resp: 34003
Ion Ratio Lower Upper
83 100
131 9.9 7.6 11.4
85 65.6 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 4.827 ug/l m
RT: 10.825 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

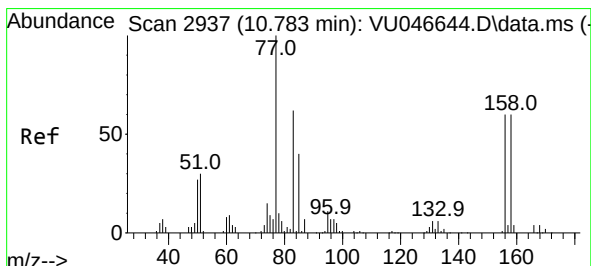
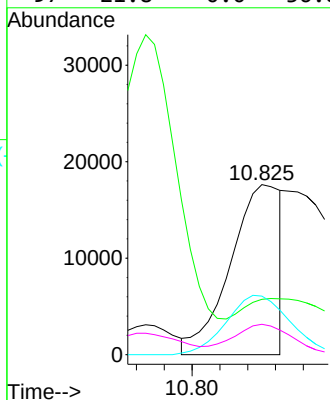
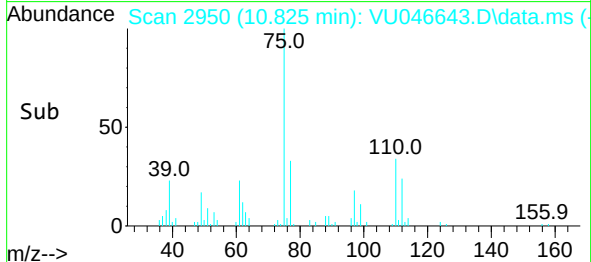
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



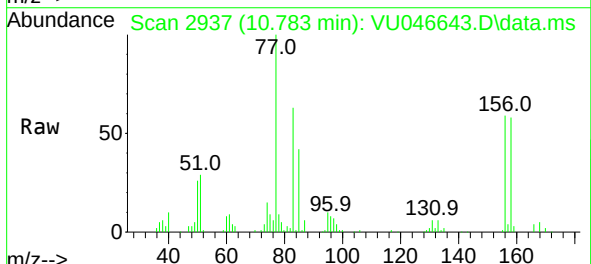
Tgt Ion: 75 Resp: 22162
Ion Ratio Lower Upper
75 100
77 62.3 0.0 105.6
110 44.6 0.0 71.2
97 21.8 0.0 36.8

Manual Integrations
APPROVED

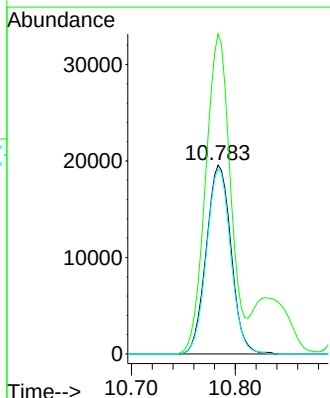
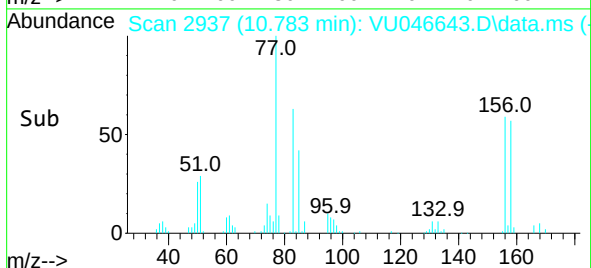
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

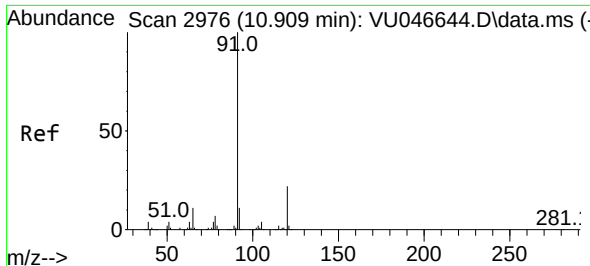


#72
Bromobenzene
Concen: 5.567 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10



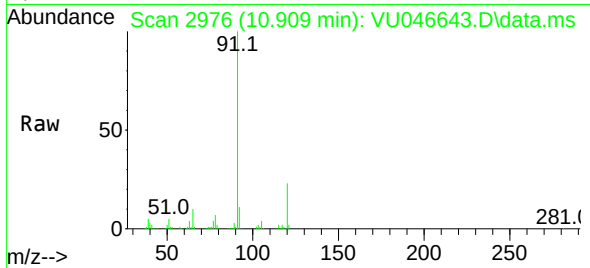
Tgt Ion:156 Resp: 32476
Ion Ratio Lower Upper
156 100
77 170.0 0.0 370.6
158 95.5 0.0 193.4





#73
n-propylbenzene
Concen: 5.505 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

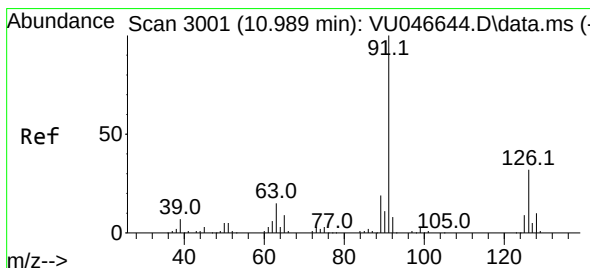
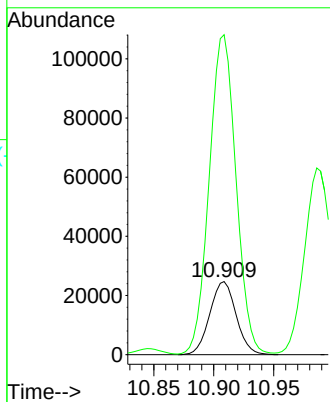
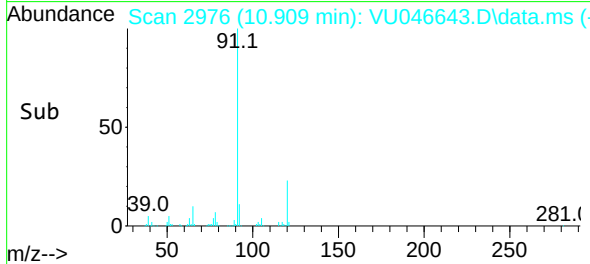
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:120 Resp: 37664
Ion Ratio Lower Upper
120 100
91 446.2 370.7 556.1

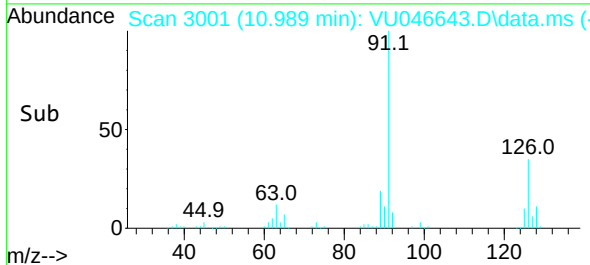
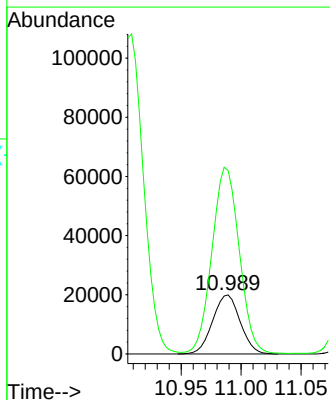
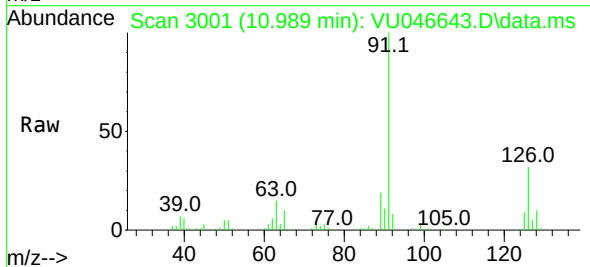
Manual Integrations
APPROVED

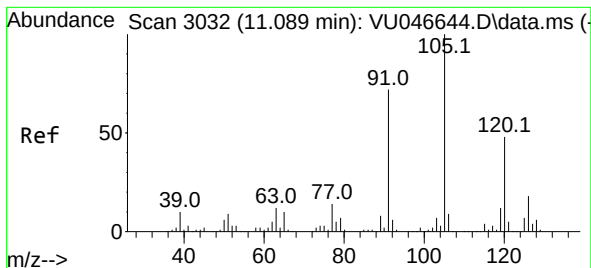
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#74
2-Chlorotoluene
Concen: 5.382 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Tgt Ion:126 Resp: 31813
Ion Ratio Lower Upper
126 100
91 314.4 0.0 639.6





#75

1,3,5-Trimethylbenzene

Concen: 5.294 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 11514

Ion Ratio Lower Upper

105 100

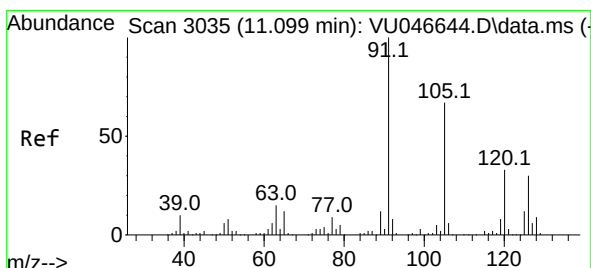
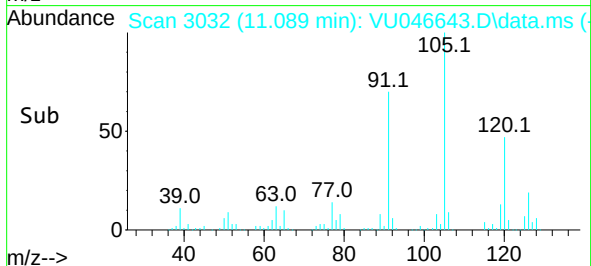
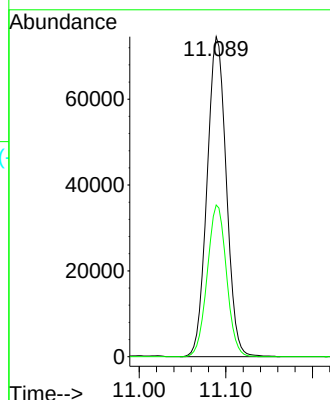
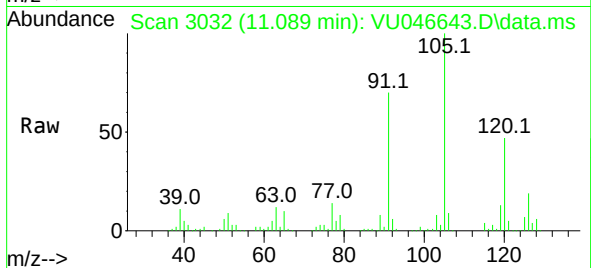
120 47.3 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#76

4-Chlorotoluene

Concen: 5.706 ug/l

RT: 11.098 min Scan# 3035

Delta R.T. -0.000 min

Lab File: VU046643.D

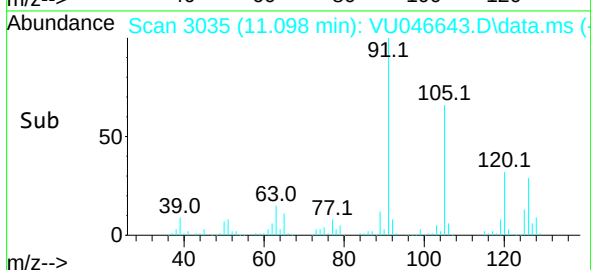
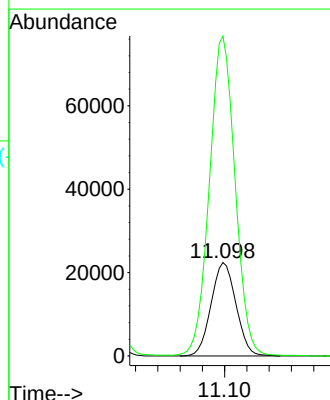
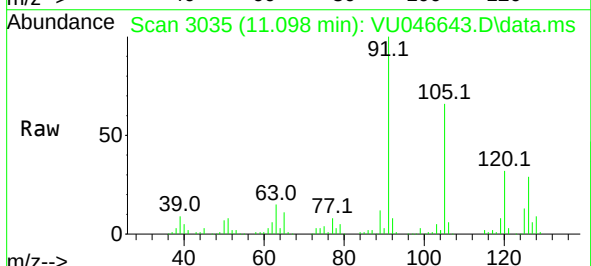
Acq: 30 Dec 2021 10:10

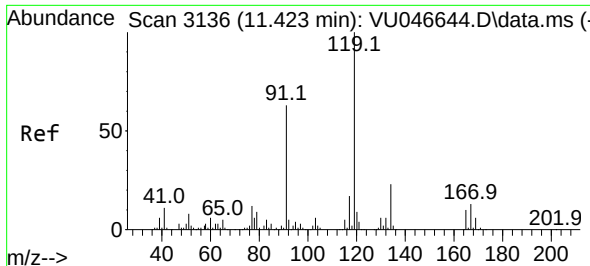
Tgt Ion:126 Resp: 34757

Ion Ratio Lower Upper

126 100

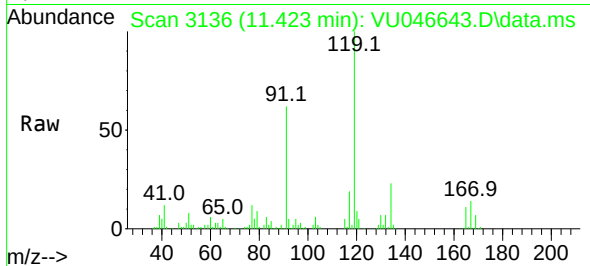
91 351.5 0.0 728.0





#77
tert-Butylbenzene
Concen: 5.110 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

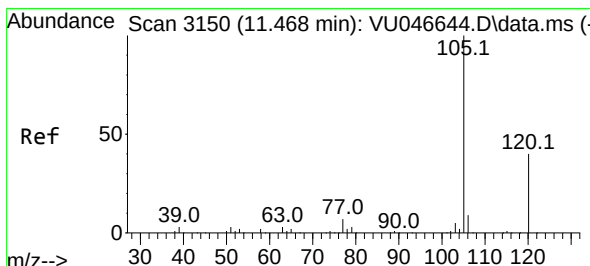
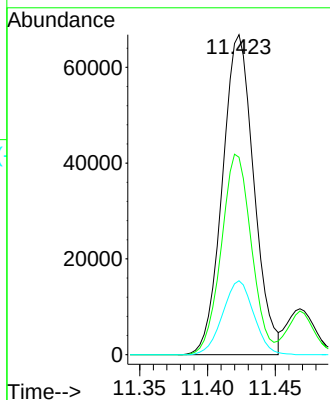
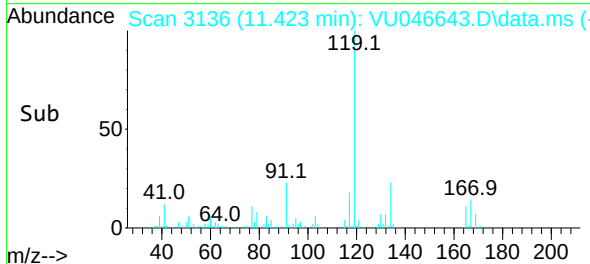
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



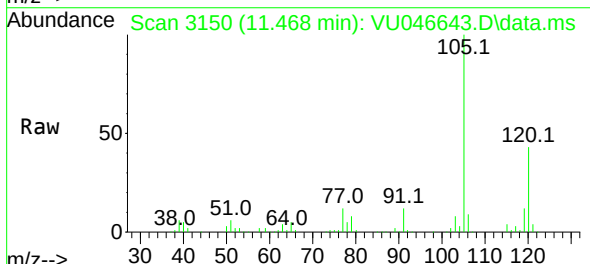
Tgt Ion:119 Resp: 10800
Ion Ratio Lower Upper
119 100
91 60.1 31.4 94.3
134 22.8 18.5 27.7

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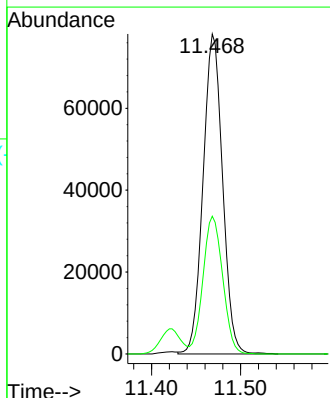
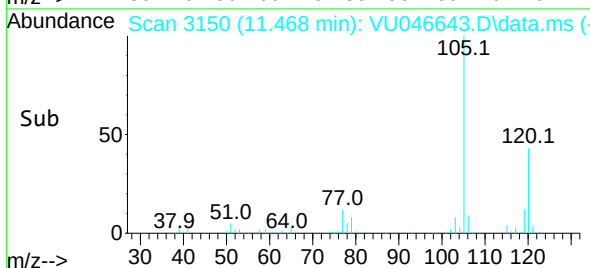
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

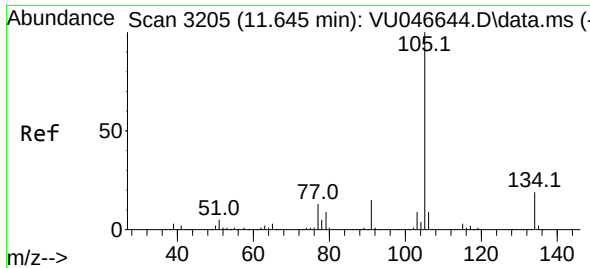


#78
1,2,4-Trimethylbenzene
Concen: 5.334 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10



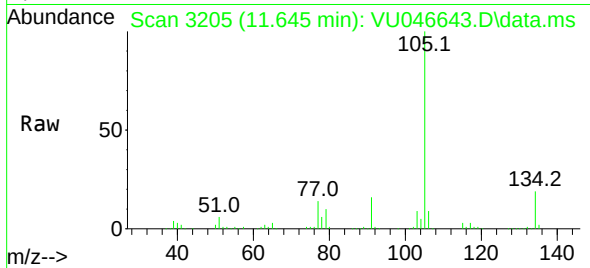
Tgt Ion:105 Resp: 118535
Ion Ratio Lower Upper
105 100
120 43.4 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 5.204 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU046643.D
 Acq: 30 Dec 2021 10:10

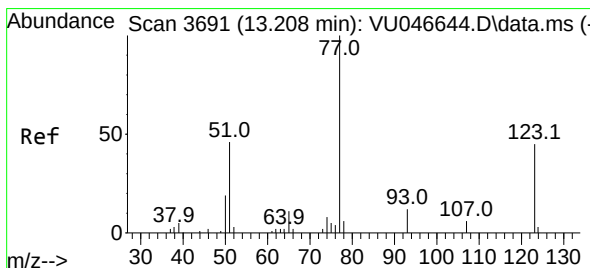
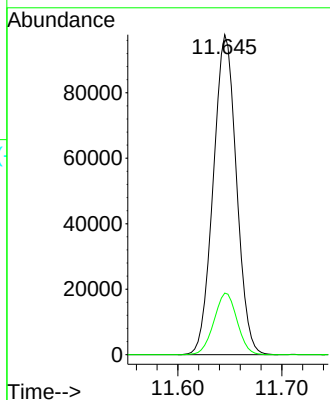
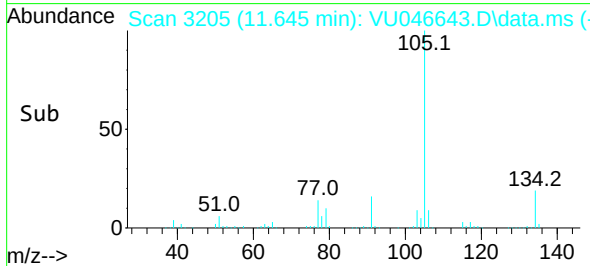
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



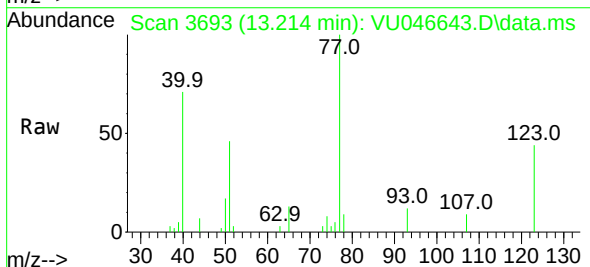
Tgt Ion:105 Resp: 15144
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.4 23.0

Manual Integrations
 APPROVED

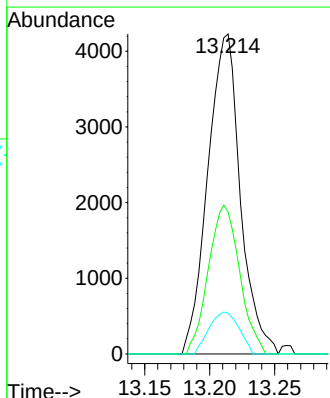
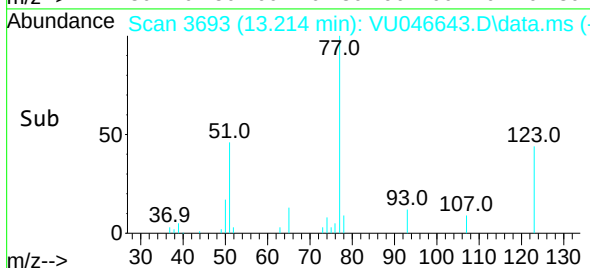
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022

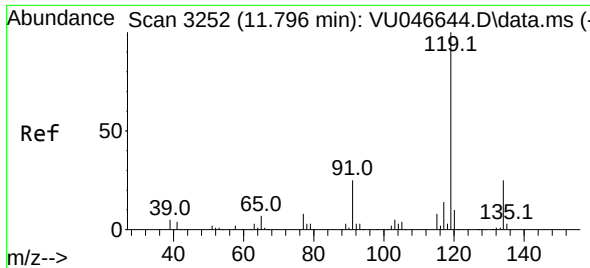


#80
 Nitrobenzene
 Concen: 40.015 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.006 min
 Lab File: VU046643.D
 Acq: 30 Dec 2021 10:10



Tgt Ion: 77 Resp: 7363
 Ion Ratio Lower Upper
 77 100
 123 44.6 18.2 64.4
 65 12.0 12.0 15.2





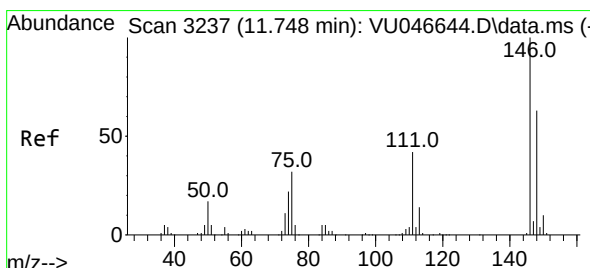
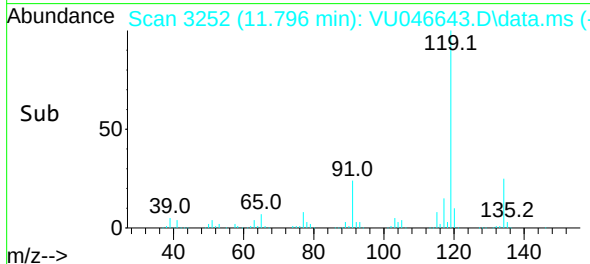
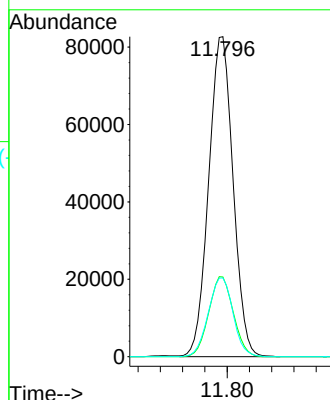
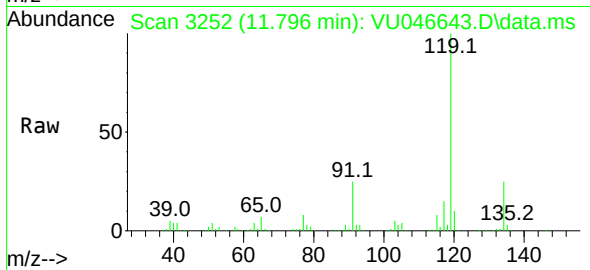
#81
p-Isopropyltoluene
Concen: 5.359 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

Instrument : MSVOA_U
ClientSampleId : VSTDIC005

Tgt Ion:119 Resp: 12558
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.4
91 25.0 19.9 29.9

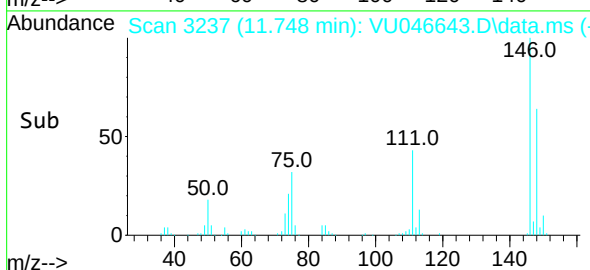
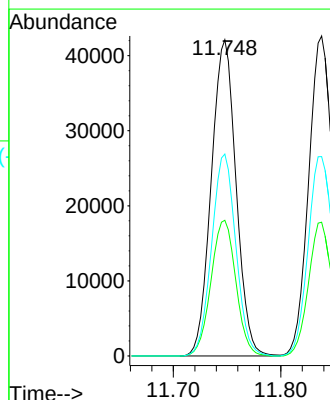
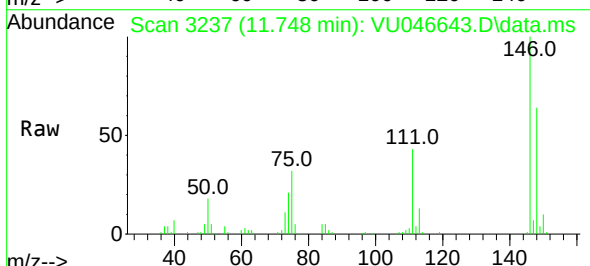
Manual Integrations
APPROVED

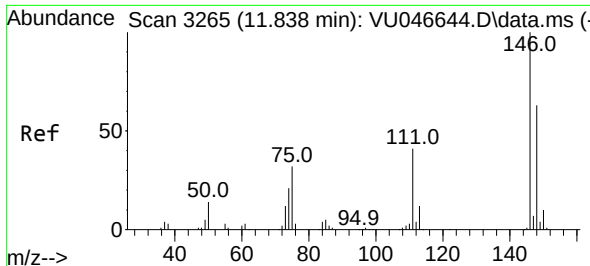
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#82
1,3-Dichlorobenzene
Concen: 5.772 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

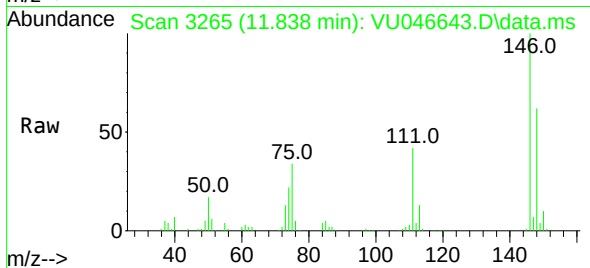
Tgt Ion:146 Resp: 67465
Ion Ratio Lower Upper
146 100
111 43.0 33.9 50.9
148 62.4 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 5.802 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

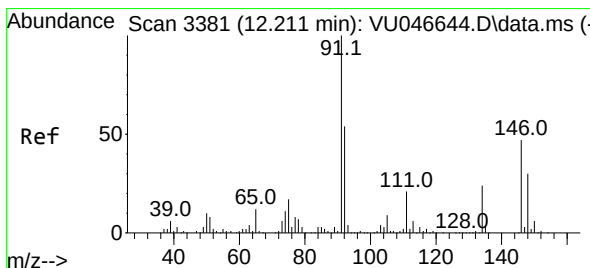
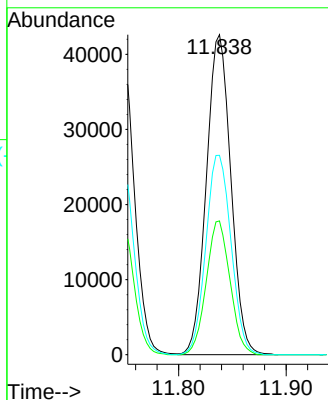
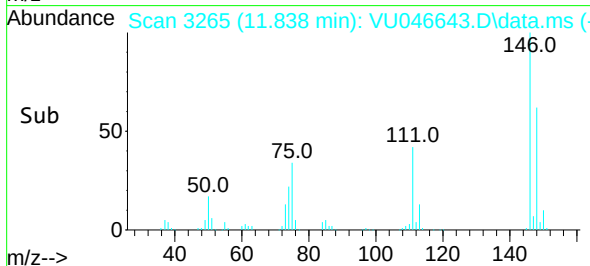
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



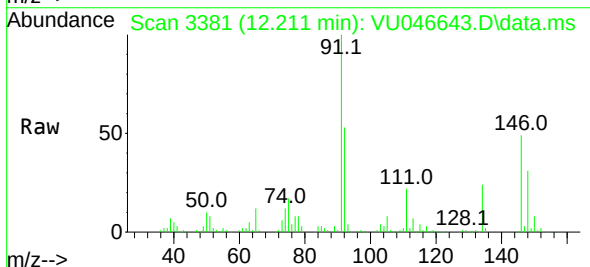
Tgt Ion:146 Resp: 67400
Ion Ratio Lower Upper
146 100
111 40.5 32.7 49.1
148 64.3 51.4 77.0

Manual Integrations
APPROVED

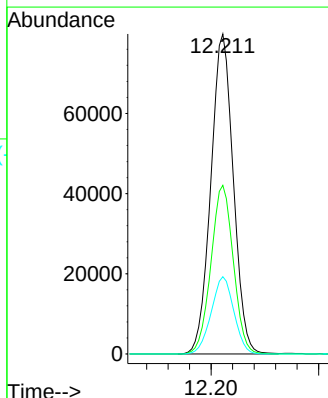
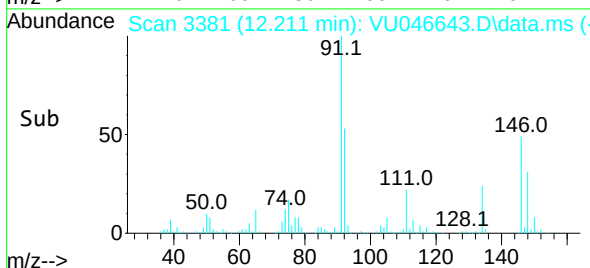
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

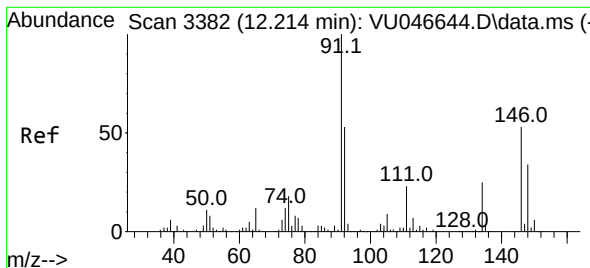


#84
n-Butylbenzene
Concen: 5.223 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10



Tgt Ion: 91 Resp: 115829
Ion Ratio Lower Upper
91 100
92 52.5 43.5 65.3
134 24.3 19.0 28.4





#85

1,2-Dichlorobenzene

Concen: 5.704 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

Instrument :

MSVOA_U

ClientSampleId :

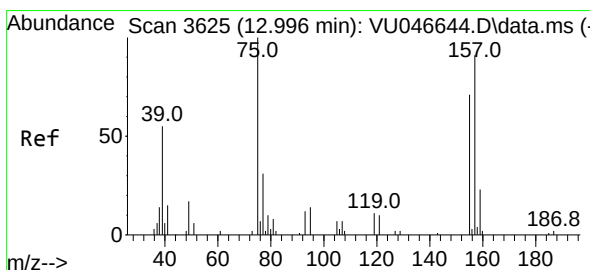
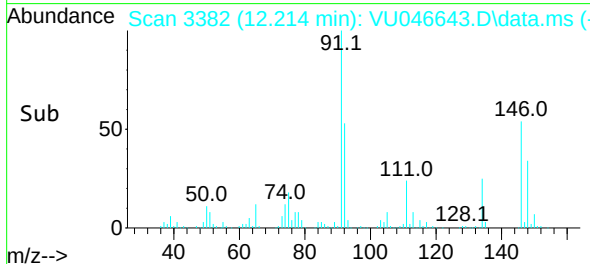
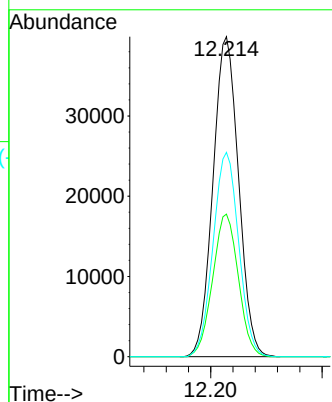
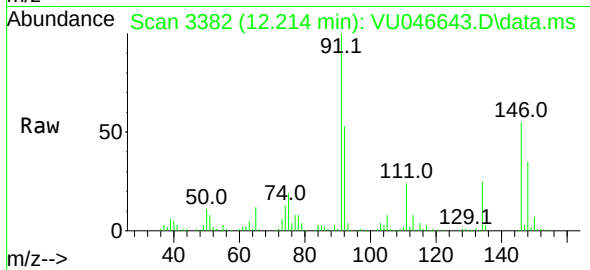
VSTDIC005

Tgt Ion:	146	Resp:	6352
Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.1	66.1
148	64.2	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: 6.787 ug/l

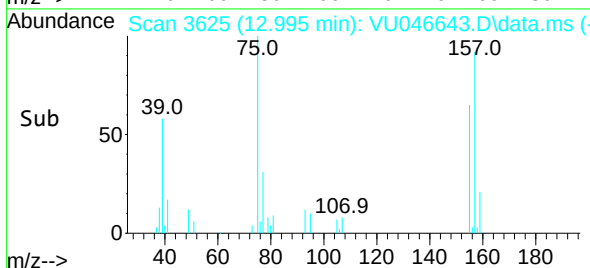
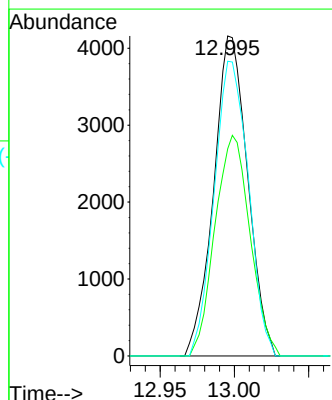
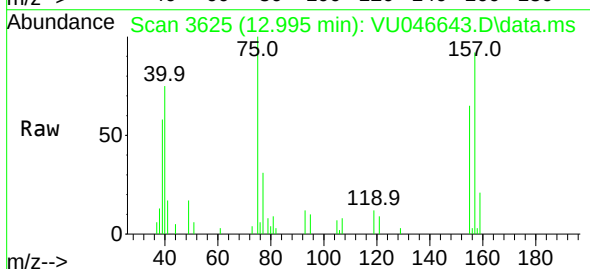
RT: 12.995 min Scan# 3625

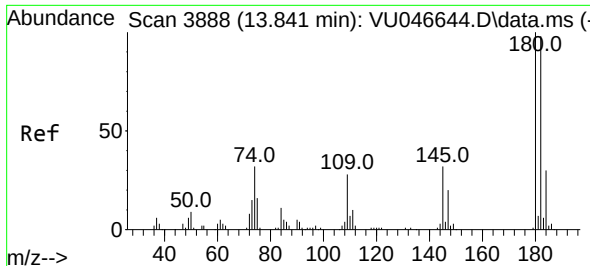
Delta R.T. -0.000 min

Lab File: VU046643.D

Acq: 30 Dec 2021 10:10

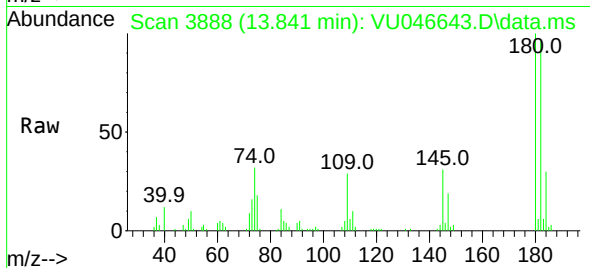
Tgt Ion:	75	Resp:	6620
Ion	Ratio	Lower	Upper
75	100		
155	71.1	57.8	86.8
157	92.5	75.1	112.7





#87
1,2,4-Trichlorobenzene
Concen: 5.663 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

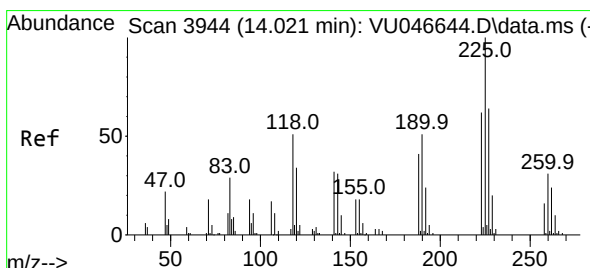
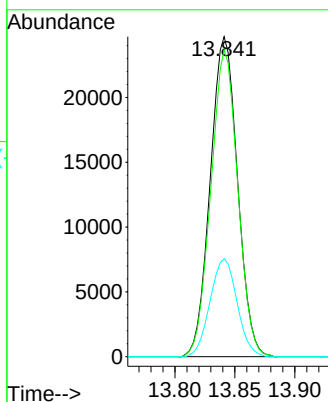
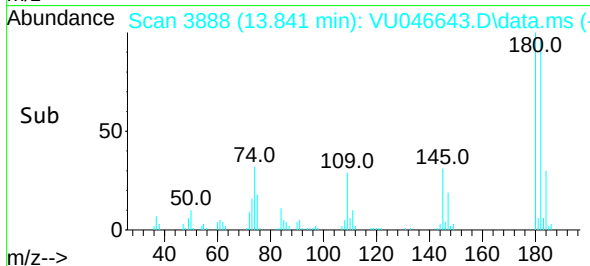
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



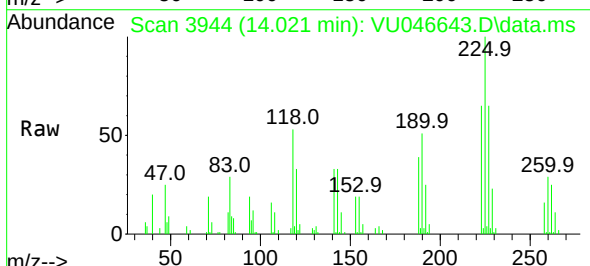
Tgt Ion:180 Resp: 3886
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.8
145 30.4 25.3 37.9

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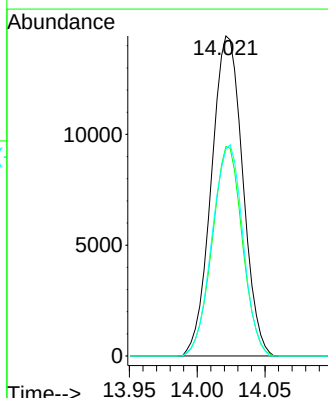
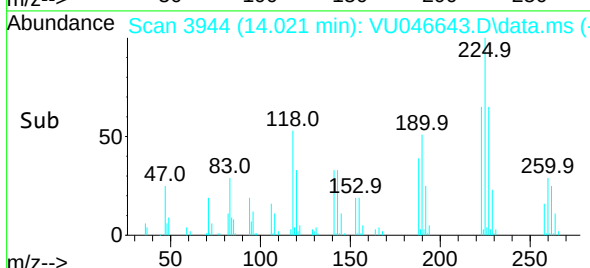
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

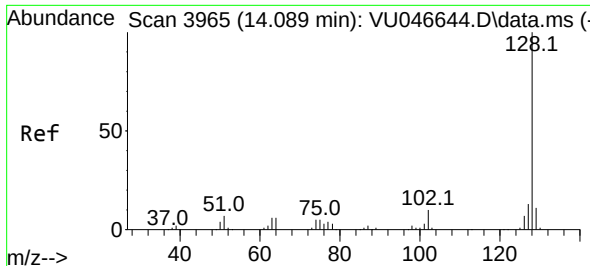


#88
Hexachlorobutadiene
Concen: 6.970 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10



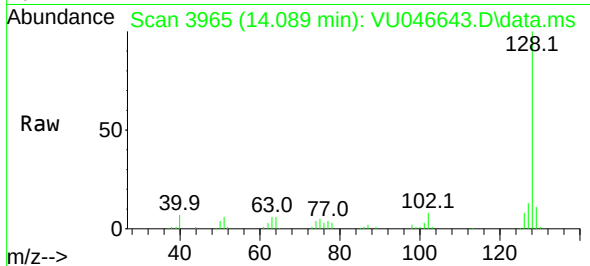
Tgt Ion:225 Resp: 23209
Ion Ratio Lower Upper
225 100
223 63.0 51.1 76.7
227 64.9 49.9 74.9





#89
Naphthalene
Concen: 5.374 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10

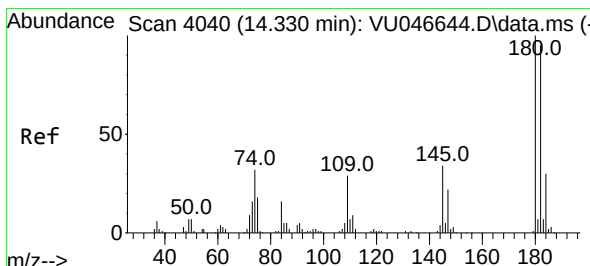
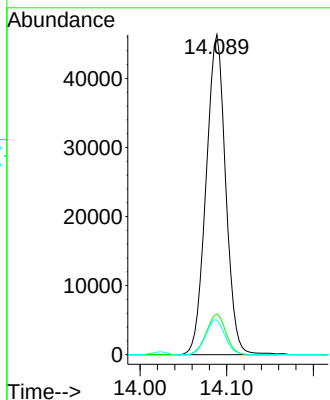
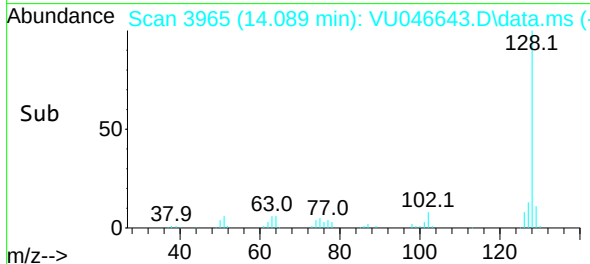
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



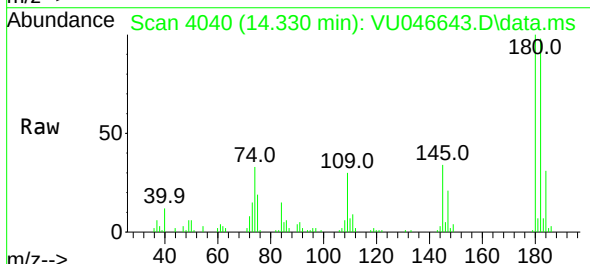
Tgt Ion:128 Resp: 72852
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 5.990 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046643.D
Acq: 30 Dec 2021 10:10



Tgt Ion:180 Resp: 38833
Ion Ratio Lower Upper
180 100
182 96.8 75.4 113.0
145 33.1 27.0 40.4

