

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
 Data File : VU046645.D
 Acq On : 30 Dec 2021 12:16
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

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

Quant Time: Dec 30 12:34:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U123021DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Dec 30 11:46:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	21108	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	8082	1.081	ug/l	0.00
Spiked Amount 1.000			Recovery	=	108.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	8877	1.100	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	121923	14.475	ug/l	99
3) Chloromethane	1.523	50	103869	13.925	ug/l	100
4) Vinyl Chloride	1.607	62	112612	13.963	ug/l	99
5) Bromomethane	1.864	94	62997	14.966	ug/l	100
6) Chloroethane	1.941	64	66374	13.984	ug/l	100
7) Trichlorofluoromethane	2.144	101	161618	14.387	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.587	101	91134	14.639	ug/l	96
9) 1,1-Dichloroethene	2.584	96	84587	14.422	ug/l	94
10) Iodomethane	2.729	142	93213	19.053	ug/l	88
11) Allyl Chloride	2.928	41	109696	14.711	ug/l	93
12) Acrylonitrile	3.333	53	48294	30.716	ug/l	95
13) Acetone	2.668	43	101706	73.292	ug/l	98
14) Carbon Disulfide	2.800	76	262800	14.004	ug/l	99
15) Methylene Chloride	3.051	84	95247	12.711	ug/l	95
16) trans-1,2-Dichloroethene	3.359	96	89742	14.498	ug/l	97
17) 1,1-Dichloroethane	3.877	63	162517	14.106	ug/l	99
18) 2-Butanone	4.726	43	162624	77.292	ug/l	98
19) Cyclohexane	5.394	56	124470	16.545	ug/l	# 83
20) Methylcyclohexane	6.767	83	156528	17.551	ug/l	96
21) 2,2-Dichloropropane	4.671	77	145140	14.872	ug/l	99
22) cis-1,2-Dichloroethene	4.671	96	99239	14.960	ug/l	96
23) Diethyl Ether	2.382	59	62055	14.085	ug/l	94
24) tert-Butyl Alcohol	3.359	59	74042m	178.506	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	223769	15.560	ug/l	95
26) Bromochloromethane	4.980	128	46943	14.359	ug/l	93
27) Chloroform	5.092	83	173715	13.646	ug/l	100
28) 1,1,1-Trichloroethane	5.324	97	155297	14.061	ug/l	97
29) 1,1-Dichloropropene	5.529	75	135016	15.602	ug/l	99
30) Carbon Tetrachloride	5.529	117	143278	14.329	ug/l	99
31) Isopropyl Ether	3.996	45	228841	15.772	ug/l	99
32) Ethyl-t-butyl ether	4.507	59	226904	15.831	ug/l	94
33) Tert-Amyl methyl ether	5.944	73	221974	16.040	ug/l	97
34) Propionitrile	4.809	54	46009	72.912	ug/l	# 84
35) Benzene	5.780	78	363532	14.645	ug/l	99
36) 1,2-Dichloroethane	5.800	62	121406	14.317	ug/l	100
37) Trichloroethene	6.546	130	91200	14.386	ug/l	99
38) 1,2-Dichloropropane	6.796	63	96652	14.748	ug/l	100
39) Methacrylonitrile	4.980	41	34106	16.201	ug/l	97
40) Methyl acrylate	4.851	55	66231	17.814	ug/l	# 97
41) Tetrahydrofuran	5.073	42	36626	34.213	ug/l	99
42) 1-Chlorobutane	5.462	56	176961	15.505	ug/l	96
43) Dibromomethane	6.922	93	55485	14.352	ug/l	97
44) Bromodichloromethane	7.108	83	134611	13.971	ug/l	99

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	337091	80.815	ug/l	98
46) t-1,4-Dichloro-2-butene	10.835	75	75382m	33.893	ug/l	
47) Methyl methacrylate	6.964	69	106457	33.414	ug/l	92
48) Ethyl methacrylate	8.336	69	99402	17.260	ug/l	93
49) Toluene	7.973	92	232201	15.899	ug/l	100
50) t-1,3-Dichloropropene	8.214	75	132153	15.725	ug/l	100
51) cis-1,3-Dichloropropene	7.610	75	142981	15.492	ug/l	93
52) 1,1,2-Trichloroethane	8.404	97	76177	14.103	ug/l	99
53) 1,3-Dichloropropane	8.578	76	135002	14.579	ug/l	100
54) 2-Hexanone	8.690	43	257728	84.783	ug/l	99
55) Dibromochloromethane	8.812	129	95704	14.130	ug/l	99
56) 1,2-Dibromoethane	8.928	107	74409	14.403	ug/l	97
58) Tetrachloroethene	8.558	164	81266	14.530	ug/l	99
59) Chlorobenzene	9.449	112	242405	15.379	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.536	131	93624	14.217	ug/l	98
61) Pentachloroethane	11.430	117	78349	14.403	ug/l	94
62) Hexachloroethane	12.478	117	82973	15.131	ug/l	93
63) Ethyl Benzene	9.574	91	450568	17.376	ug/l	98
64) m/p-Xylenes	9.697	106	355384	34.686	ug/l	100
65) o-Xylene	10.105	106	168061	17.327	ug/l	99
66) Styrene	10.118	104	300171	17.674	ug/l	97
67) Bromoform	10.295	173	60605	14.962	ug/l #	97
69) Isopropylbenzene	10.488	105	449240	17.577	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.787	83	105335	14.620	ug/l	99
71) 1,2,3-Trichloropropane	10.832	75	75200m	16.511	ug/l	
72) Bromobenzene	10.787	156	105963	15.687	ug/l	92
73) n-propylbenzene	10.909	120	127170	17.558	ug/l	96
74) 2-Chlorotoluene	10.989	126	104627	16.632	ug/l	96
75) 1,3,5-Trimethylbenzene	11.092	105	396314	18.126	ug/l	98
76) 4-Chlorotoluene	11.102	126	112809	16.933	ug/l	93
77) tert-Butylbenzene	11.423	119	381872	17.591	ug/l	97
78) 1,2,4-Trimethylbenzene	11.471	105	405038	18.149	ug/l	100
79) sec-Butylbenzene	11.648	105	520943	17.742	ug/l	100
80) Nitrobenzene	13.211	77	31510	103.319	ug/l #	96
81) p-Isopropyltoluene	11.796	119	445494	18.438	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	216060	15.616	ug/l	100
83) 1,4-Dichlorobenzene	11.838	146	218786	15.846	ug/l	99
84) n-Butylbenzene	12.211	91	420073	18.065	ug/l	99
85) 1,2-Dichlorobenzene	12.214	146	208621	15.708	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.999	75	20537	15.274	ug/l	93
87) 1,2,4-Trichlorobenzene	13.841	180	142998	17.431	ug/l	98
88) Hexachlorobutadiene	14.024	225	81055	16.335	ug/l	98
89) Naphthalene	14.089	128	303119	19.582	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	135733	16.988	ug/l	99

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

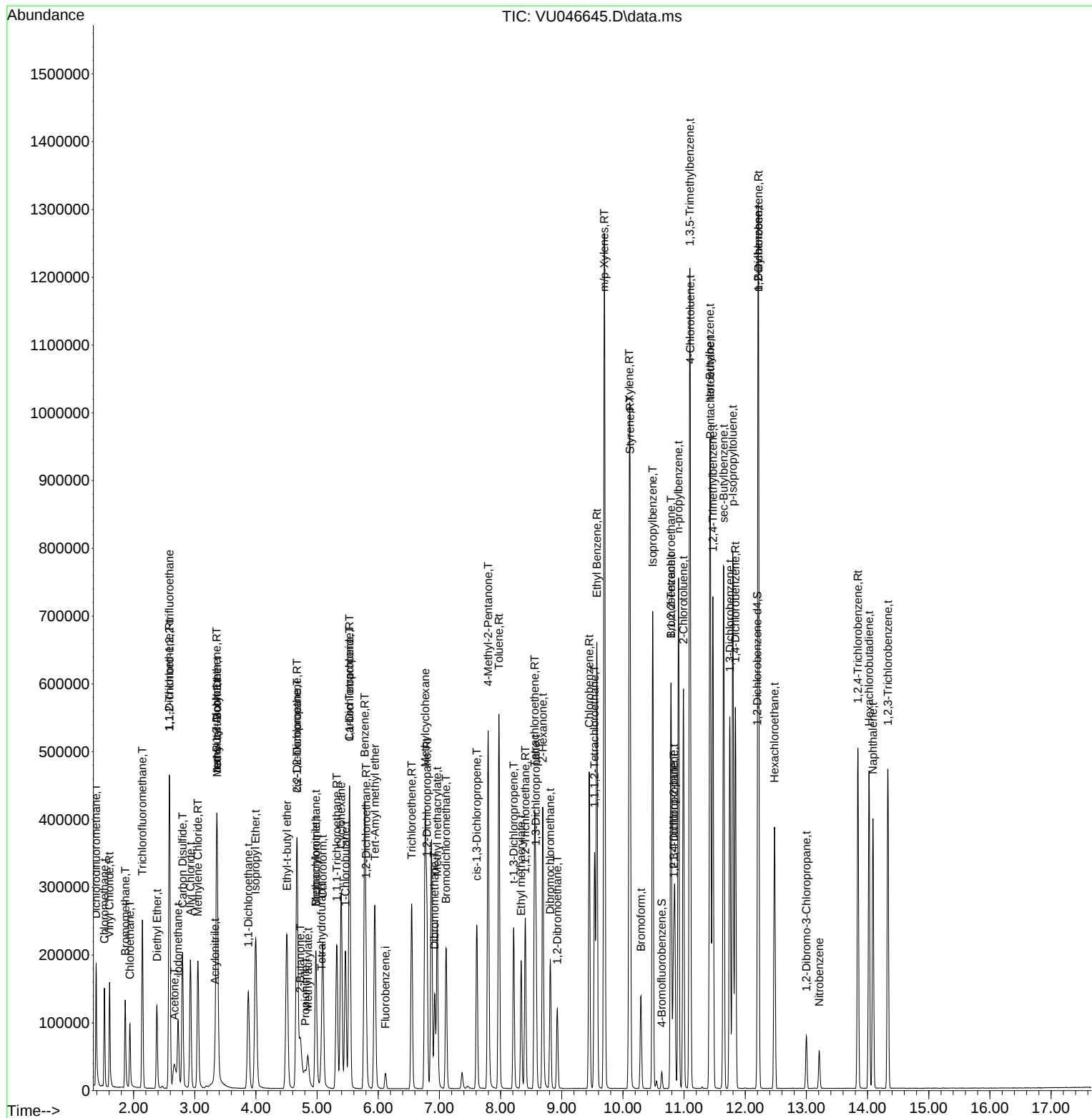
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123021\
 Data File : VU046645.D
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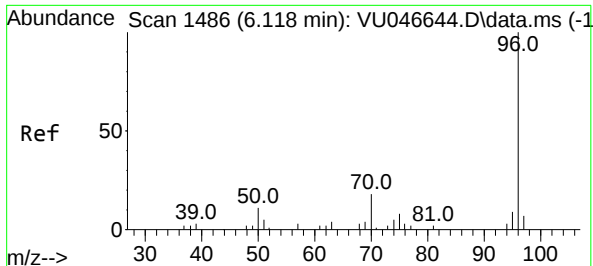
Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

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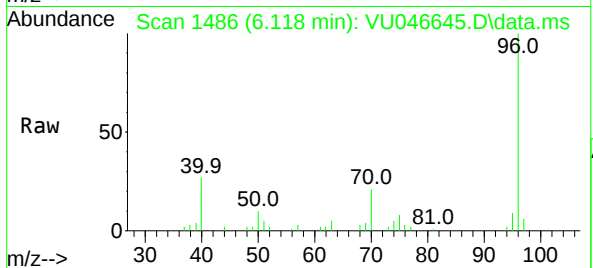
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

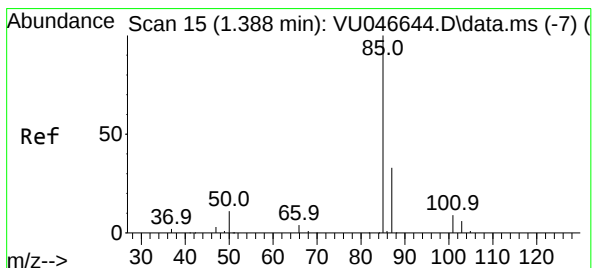
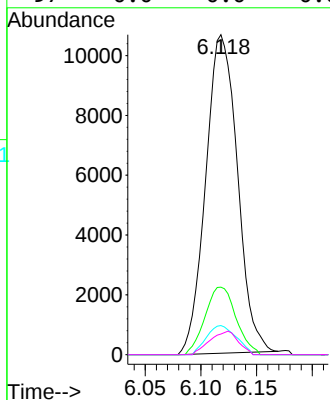
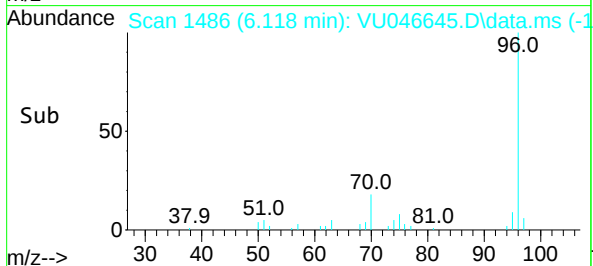
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:	96	Resp:	21108
Ion	Ratio	Lower	Upper
96	100		
70	20.7	16.8	25.2
95	0.0	7.3	10.9
97	0.0	0.0	0.0

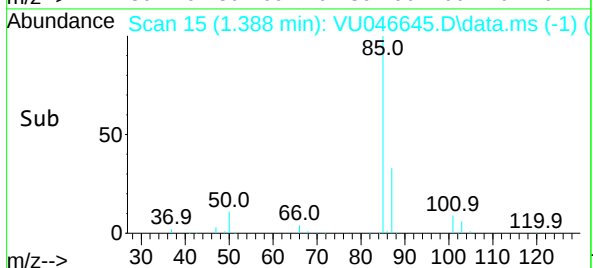
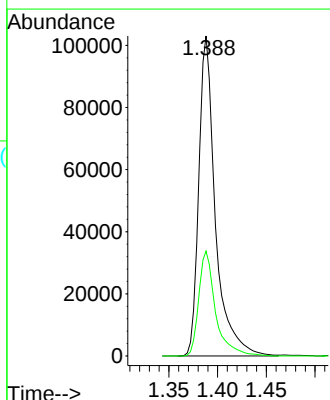
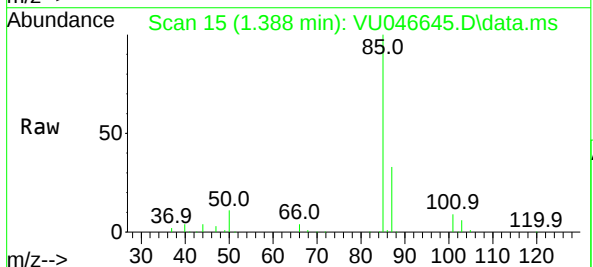
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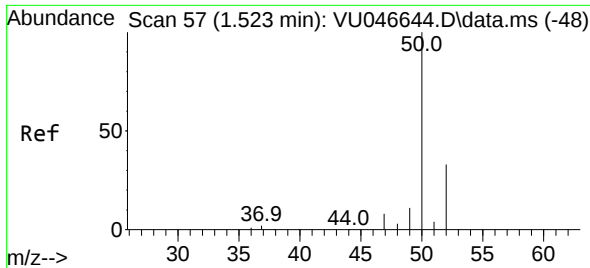
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#2
Dichlorodifluoromethane
Concen: 14.475 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

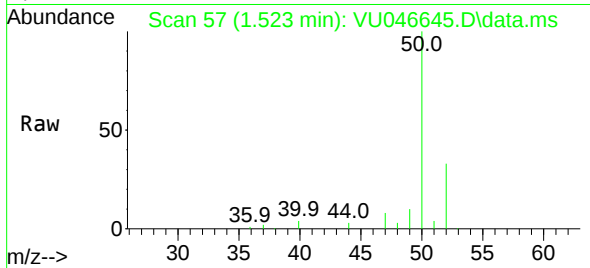
Tgt Ion:	85	Resp:	121923
Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.2	48.6





#3
Chloromethane
Concen: 13.925 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

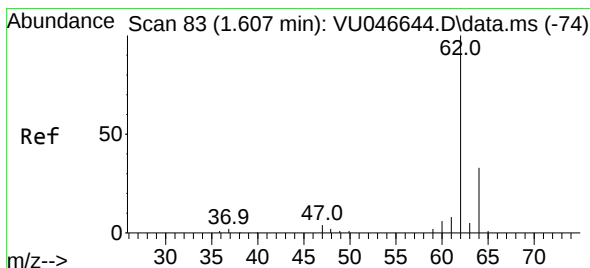
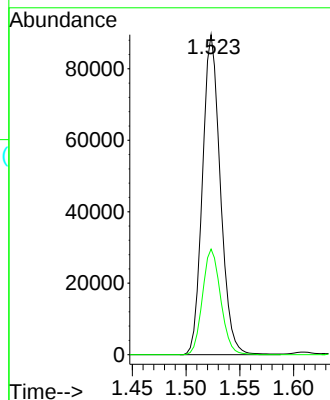
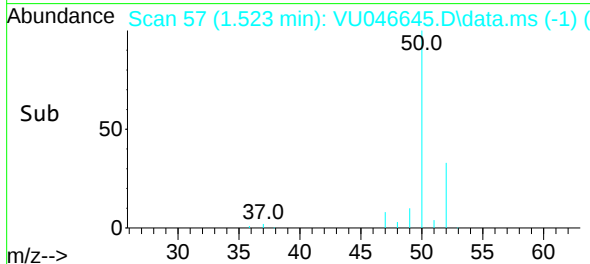
Instrument :
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ClientSampleId :
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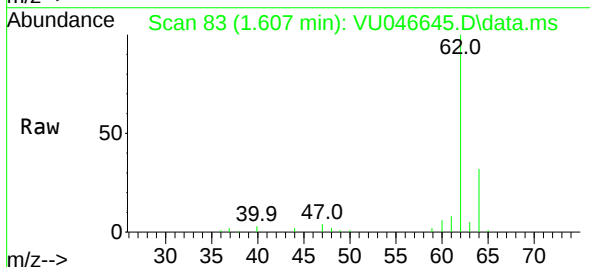
Tgt Ion: 50 Resp: 103869
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.4

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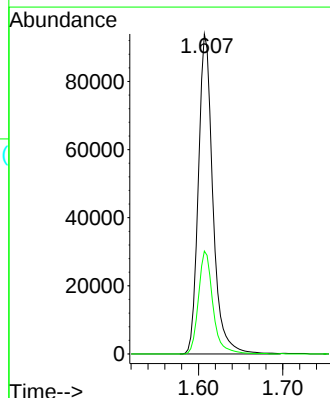
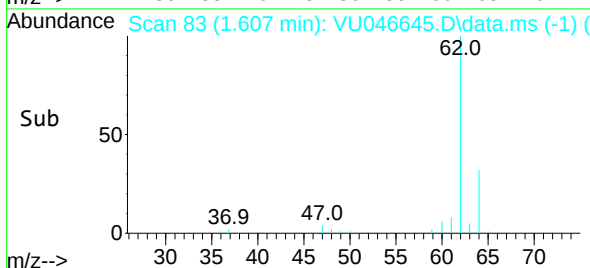
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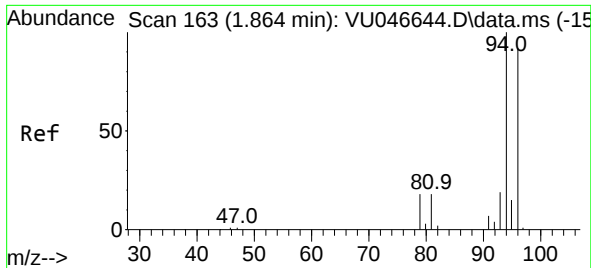


#4
Vinyl Chloride
Concen: 13.963 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



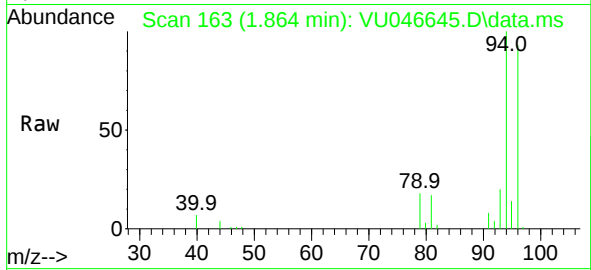
Tgt Ion: 62 Resp: 112612
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0





#5
Bromomethane
Concen: 14.966 ug/l
RT: 1.864 min Scan# 163
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

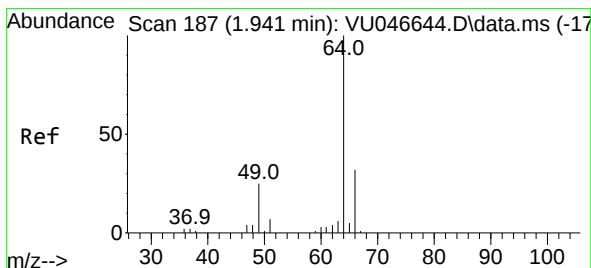
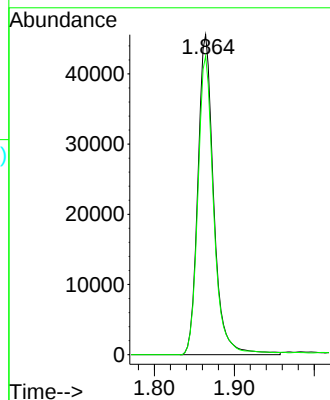
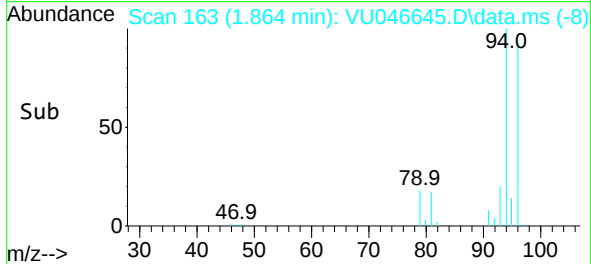
Instrument :
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Tgt Ion: 94 Resp: 62997
Ion Ratio Lower Upper
94 100
96 93.3 75.0 112.4

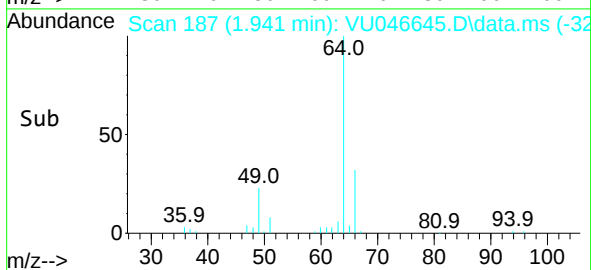
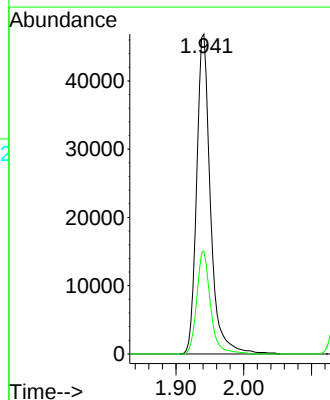
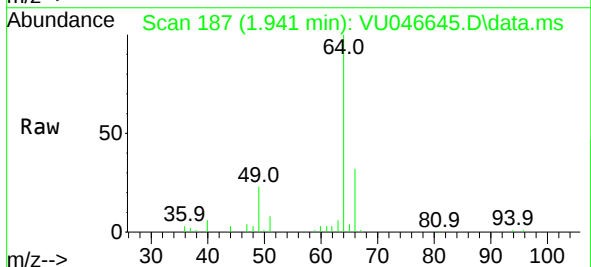
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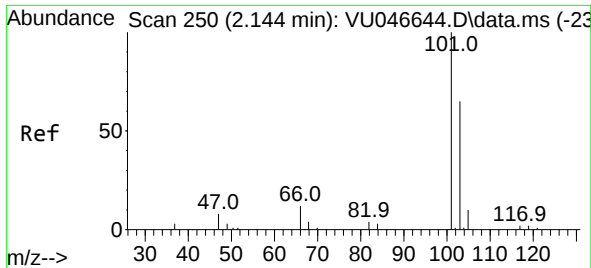
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#6
Chloroethane
Concen: 13.984 ug/l
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

Tgt Ion: 64 Resp: 66374
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.8





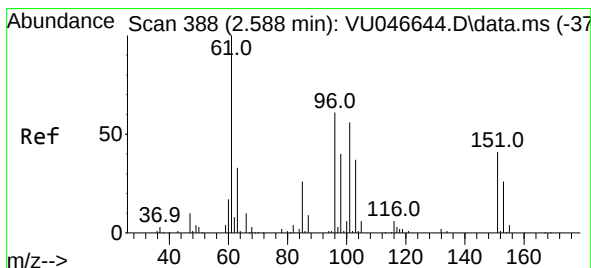
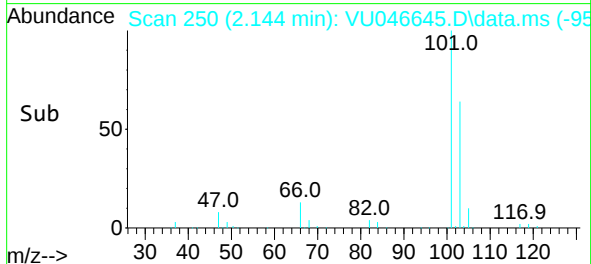
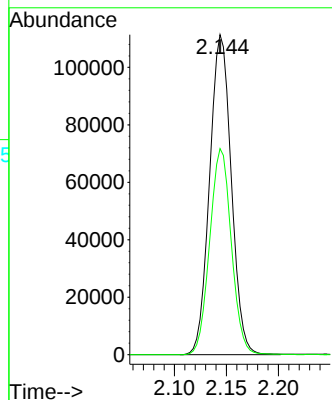
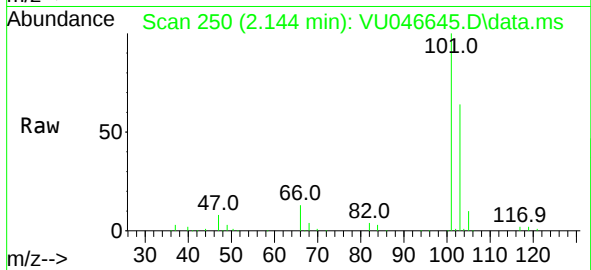
#7
Trichlorofluoromethane
Concen: 14.387 ug/l
RT: 2.144 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:101 Resp: 161618
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.2

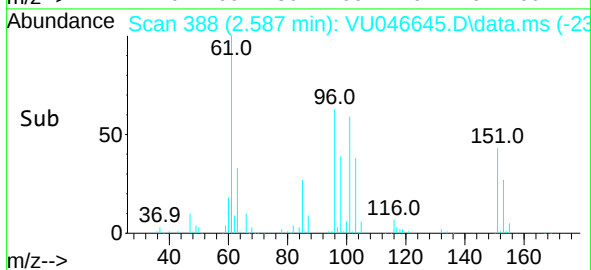
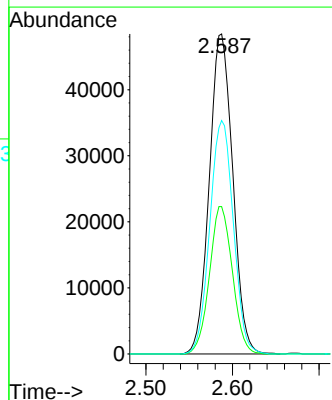
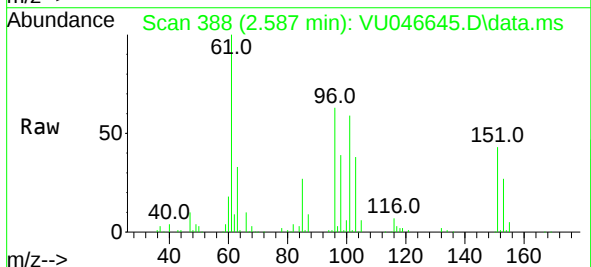
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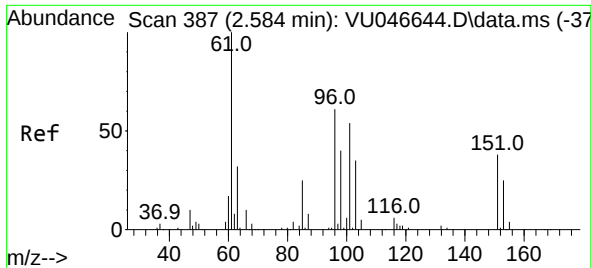
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 14.639 ug/l
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046645.D
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Tgt Ion:101 Resp: 91134
Ion Ratio Lower Upper
101 100
85 45.0 35.8 53.6
151 73.4 54.6 81.8





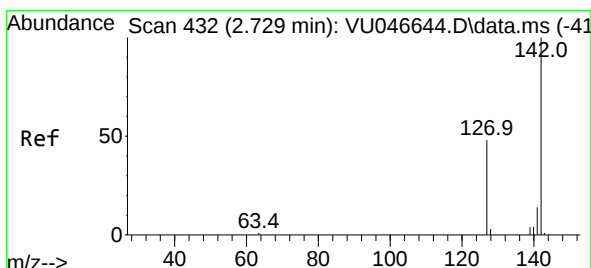
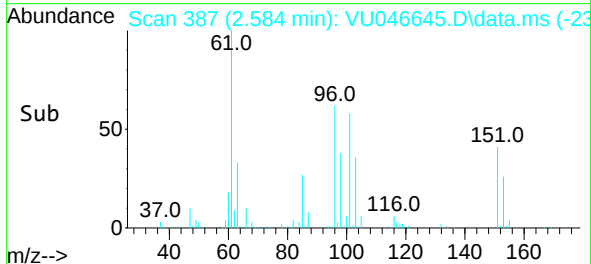
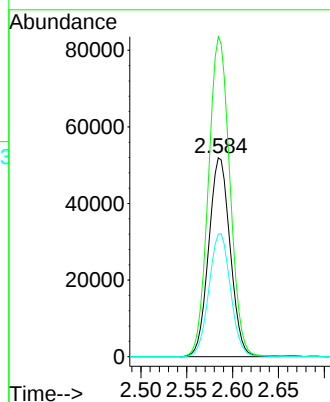
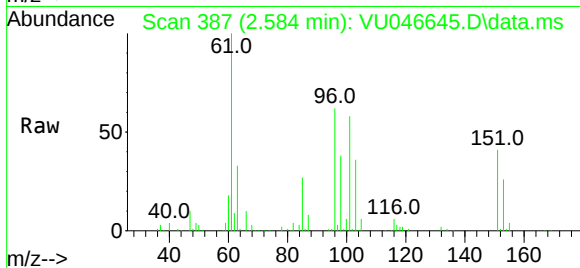
#9
1,1-Dichloroethene
Concen: 14.422 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 96 Resp: 8458
Ion Ratio Lower Upper
96 100
61 160.9 0.0 514.2
98 61.6 0.0 126.4

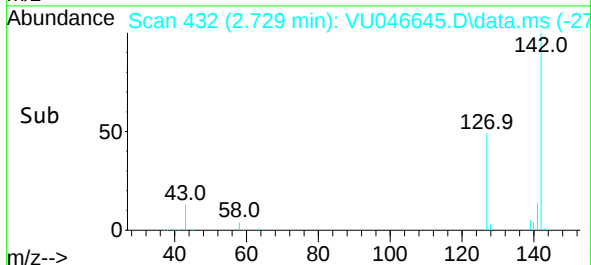
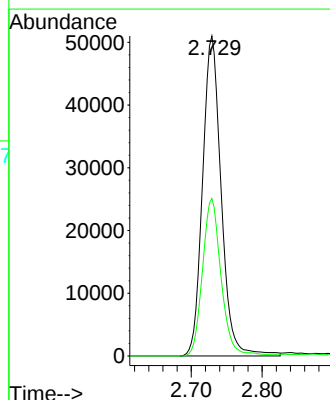
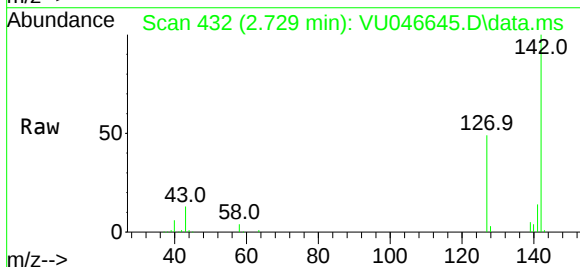
Manual Integrations
APPROVED

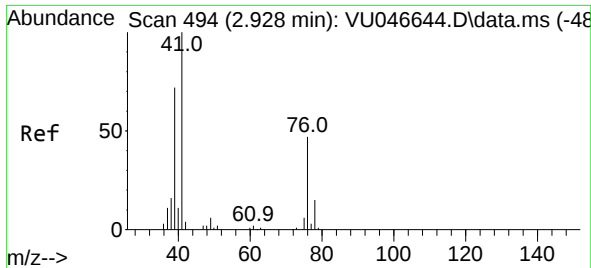
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#10
Iodomethane
Concen: 19.053 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

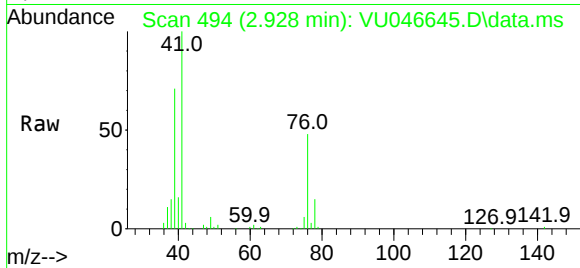
Tgt Ion:142 Resp: 93213
Ion Ratio Lower Upper
142 100
127 48.9 33.2 49.8





#11
 Allyl Chloride
 Concen: 14.711 ug/l
 RT: 2.928 min Scan# 494
 Delta R.T. -0.000 min
 Lab File: VU046645.D
 Acq: 30 Dec 2021 12:16

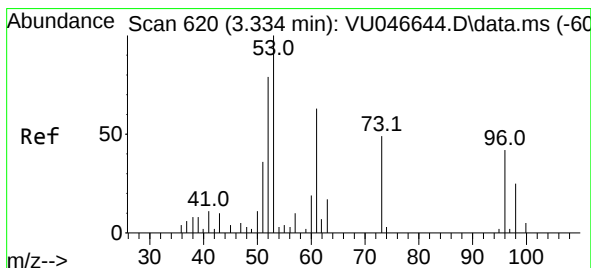
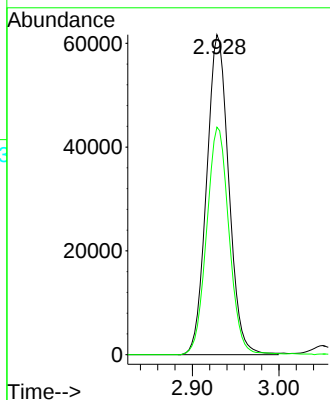
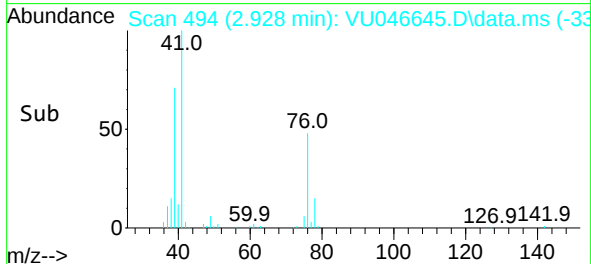
Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC015



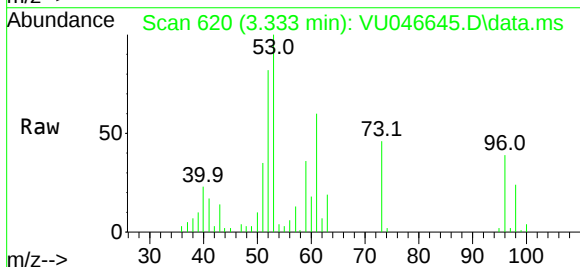
Tgt Ion: 41 Resp: 109690
 Ion Ratio Lower Upper
 41 100
 39 71.9 62.4 93.6

Manual Integrations
 APPROVED

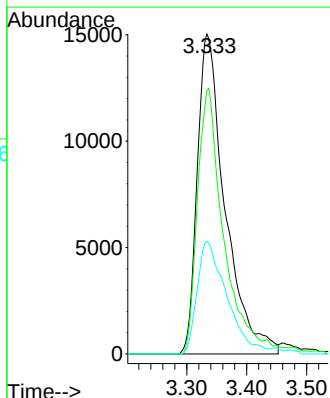
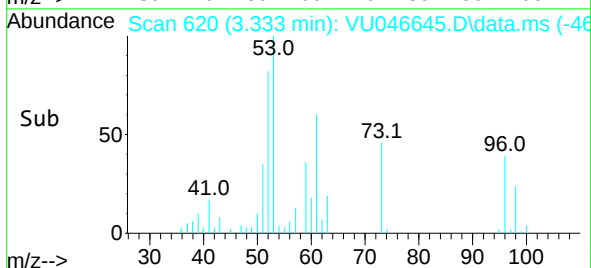
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022

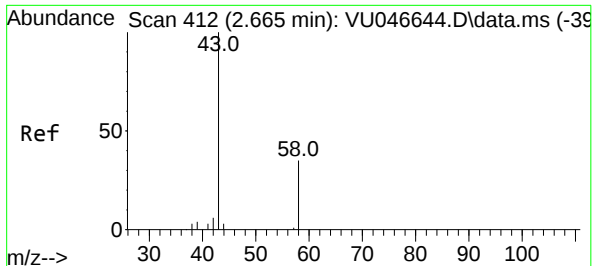


#12
 Acrylonitrile
 Concen: 30.716 ug/l
 RT: 3.333 min Scan# 620
 Delta R.T. -0.000 min
 Lab File: VU046645.D
 Acq: 30 Dec 2021 12:16



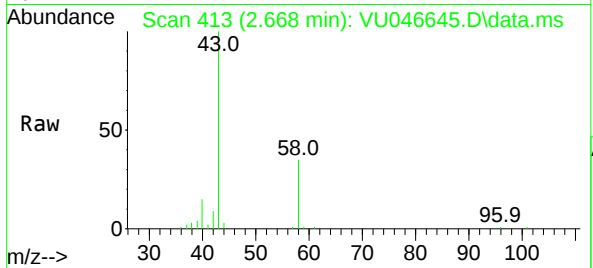
Tgt Ion: 53 Resp: 48294
 Ion Ratio Lower Upper
 53 100
 52 76.6 56.7 85.1
 51 37.6 30.3 45.5





#13
Acetone
Concen: 73.292 ug/l
RT: 2.668 min Scan# 412
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

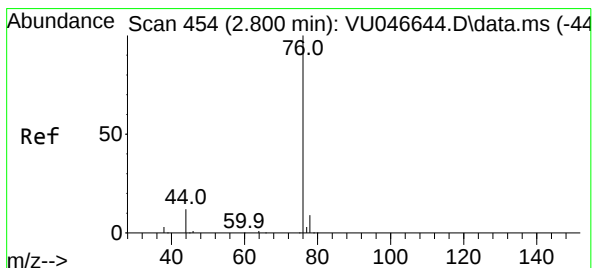
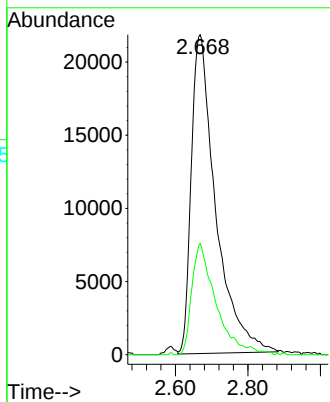
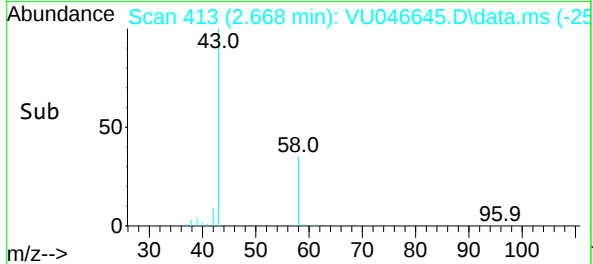
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 101700
Ion Ratio Lower Upper
43 100
58 35.1 27.1 40.7

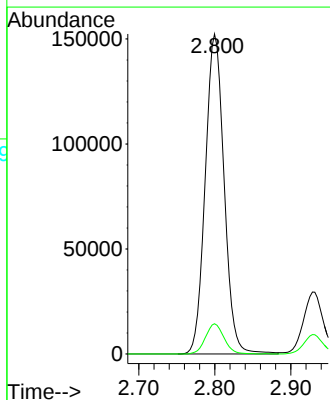
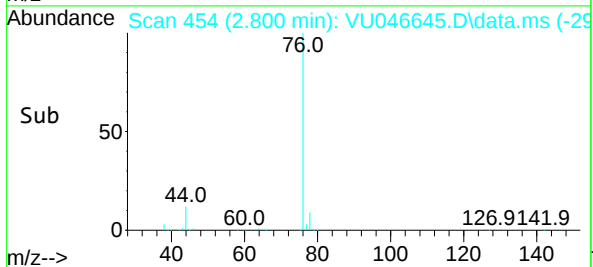
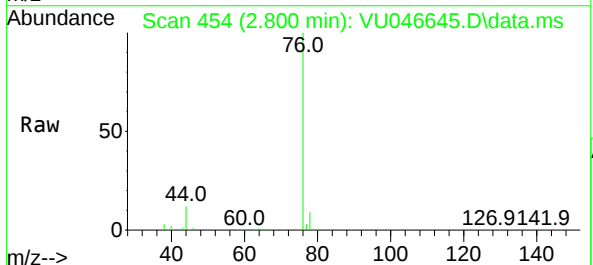
Manual Integrations
APPROVED

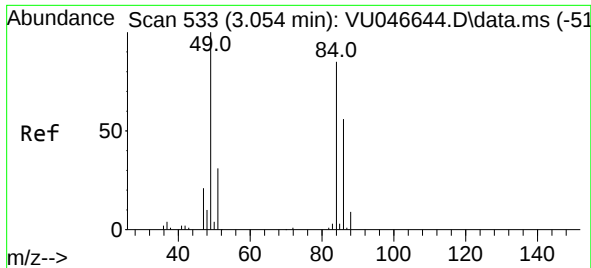
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#14
Carbon Disulfide
Concen: 14.004 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

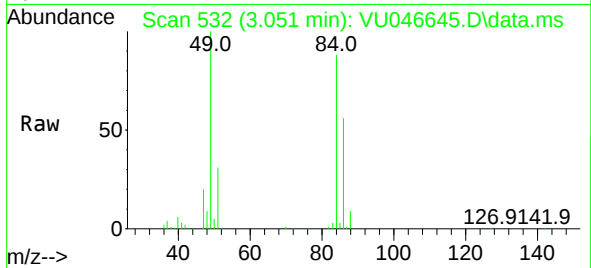
Tgt Ion: 76 Resp: 262800
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7





#15
Methylene Chloride
Concen: 12.711 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

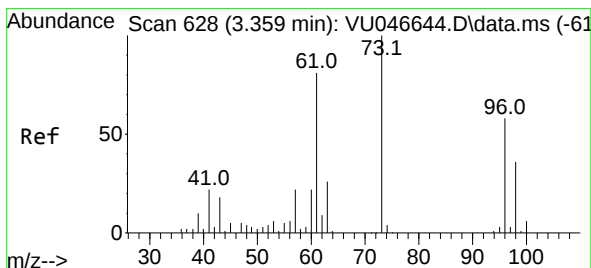
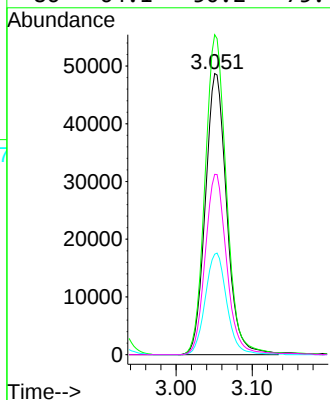
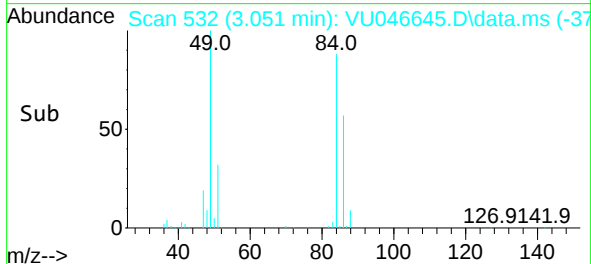
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 84 Resp: 9524
Ion Ratio Lower Upper
84 100
49 113.8 97.2 145.8
51 35.8 0.0 73.4
86 64.1 50.2 75.4

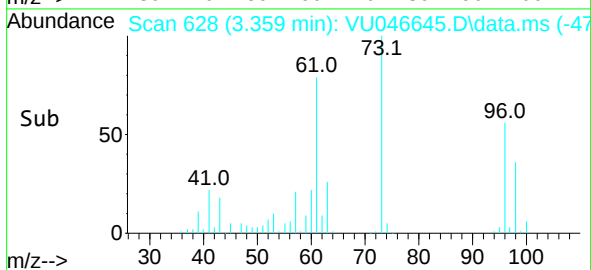
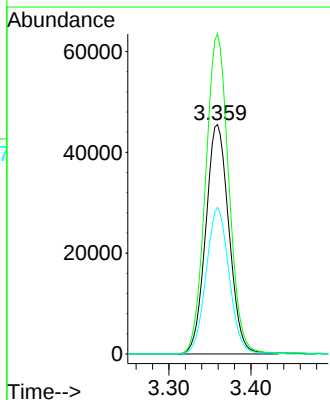
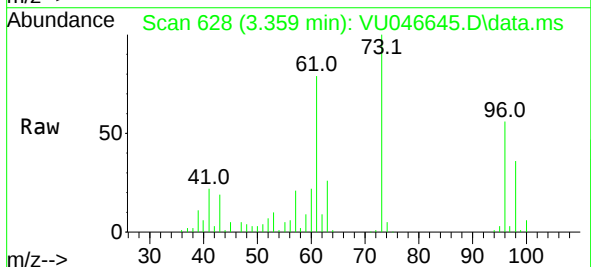
Manual Integrations
APPROVED

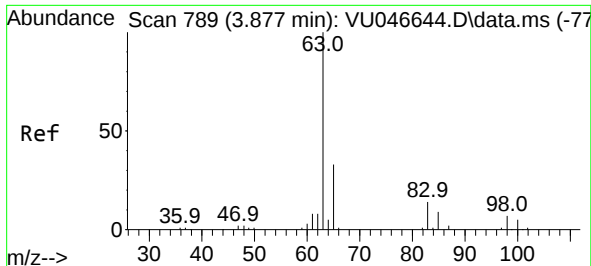
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#16
trans-1,2-Dichloroethene
Concen: 14.498 ug/l
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

Tgt Ion: 96 Resp: 89742
Ion Ratio Lower Upper
96 100
61 139.5 115.8 173.6
98 63.9 51.1 76.7





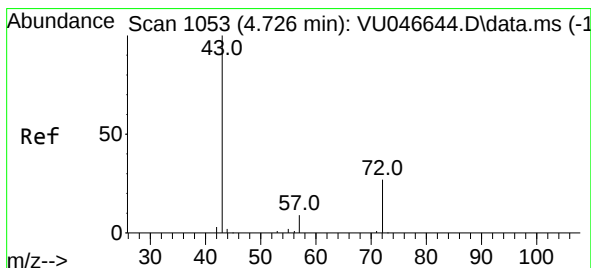
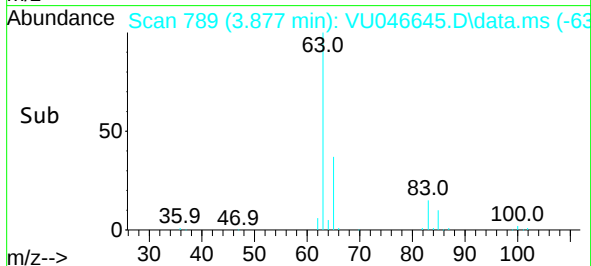
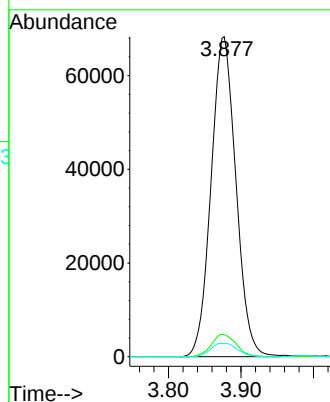
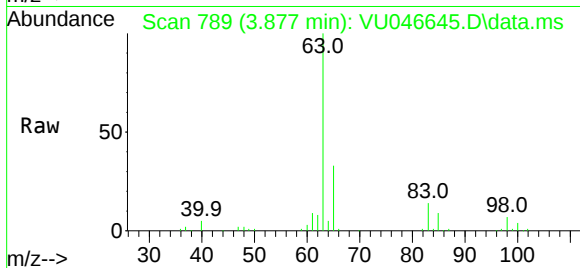
#17
1,1-Dichloroethane
Concen: 14.106 ug/l
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 63 Resp: 16251
Ion Ratio Lower Upper
63 100
98 6.8 3.6 10.8
100 4.1 2.1 6.5

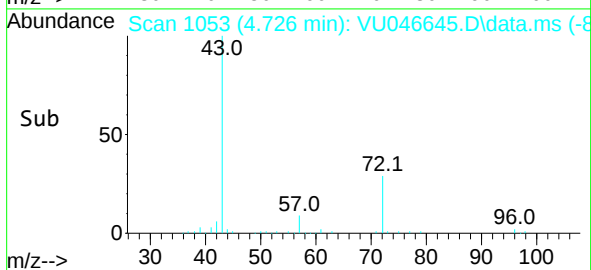
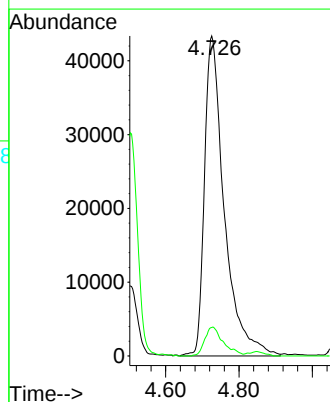
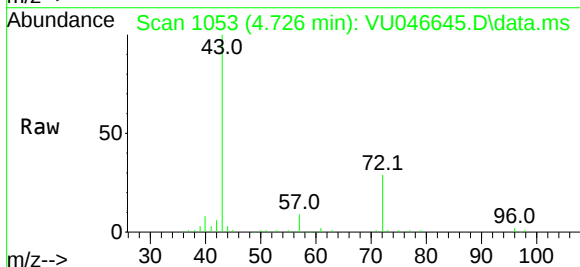
Manual Integrations
APPROVED

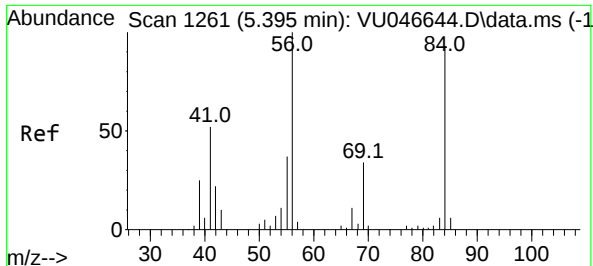
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#18
2-Butanone
Concen: 77.292 ug/l
RT: 4.726 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

Tgt Ion: 43 Resp: 162624
Ion Ratio Lower Upper
43 100
57 8.9 0.0 16.6





#19

Cyclohexane

Concen: 16.545 ug/l

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

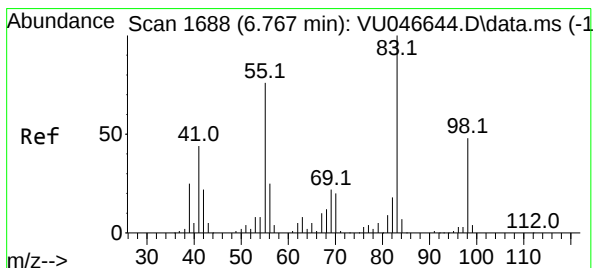
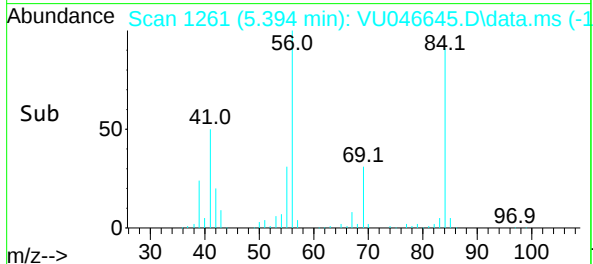
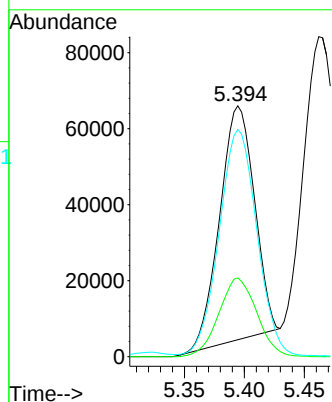
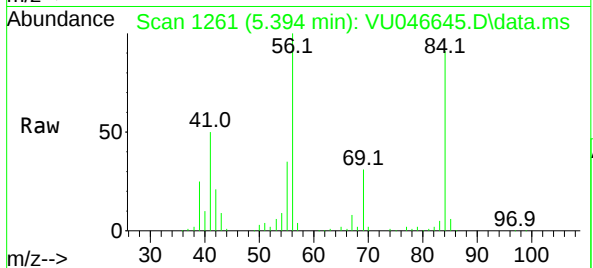
Tgt Ion: 56 Resp: 124470

Ion	Ratio	Lower	Upper
56	100		
69	36.6	24.7	37.1
84	104.2	68.8	103.2

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 17.551 ug/l

RT: 6.767 min Scan# 1688

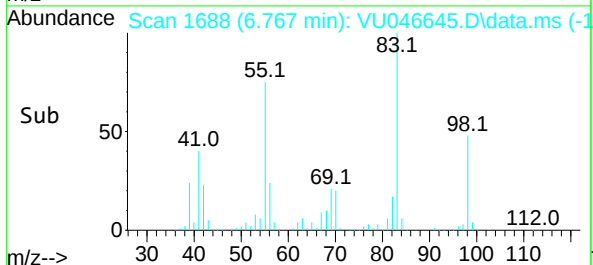
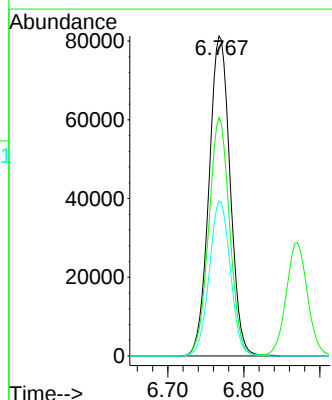
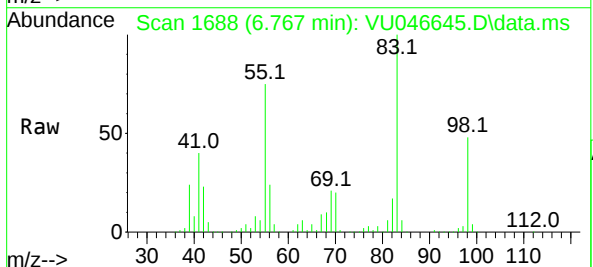
Delta R.T. -0.000 min

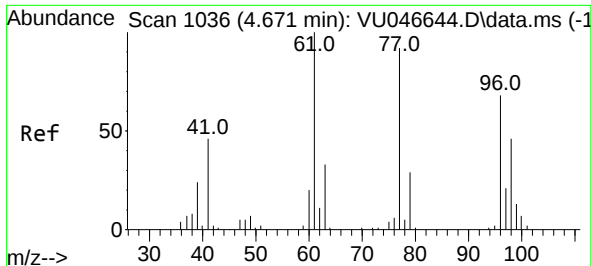
Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

Tgt Ion: 83 Resp: 156528

Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.9	92.9
98	48.6	37.4	56.2





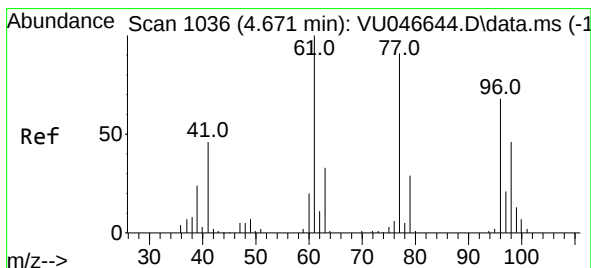
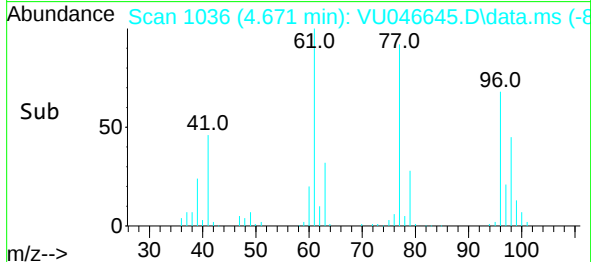
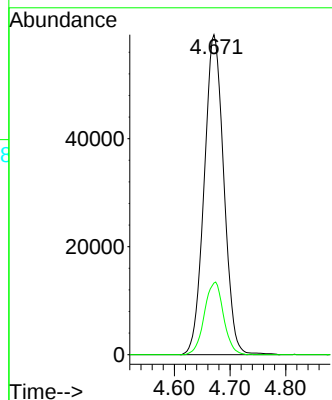
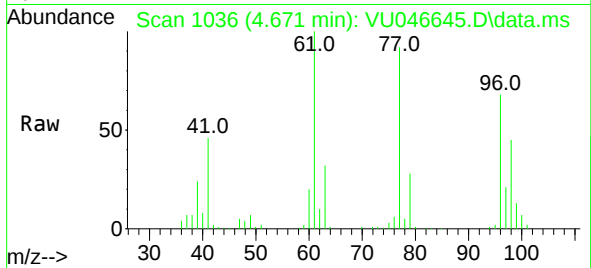
#21
2,2-Dichloropropane
Concen: 14.872 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 77 Resp: 145140
Ion Ratio Lower Upper
77 100
97 22.1 17.2 25.8

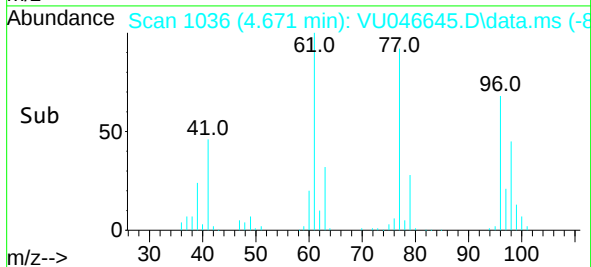
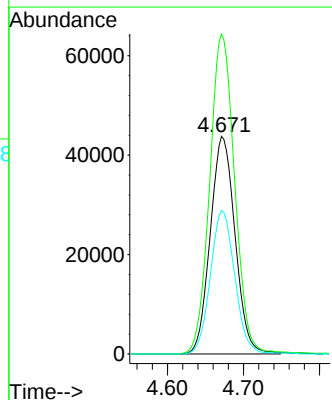
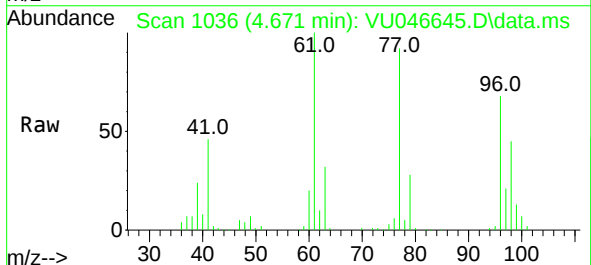
Manual Integrations
APPROVED

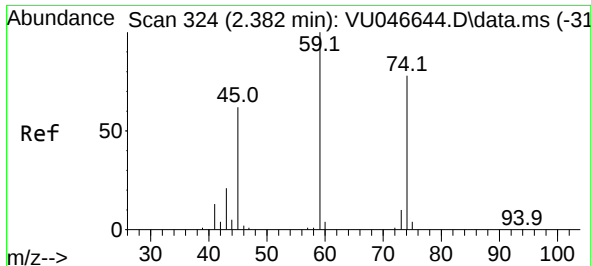
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#22
cis-1,2-Dichloroethene
Concen: 14.960 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

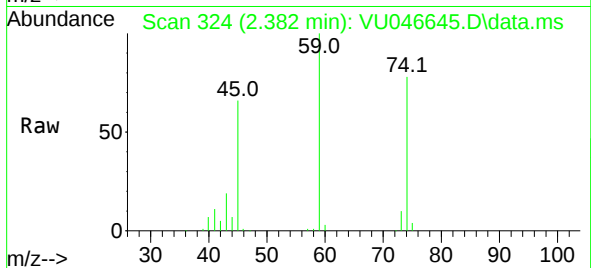
Tgt Ion: 96 Resp: 99239
Ion Ratio Lower Upper
96 100
61 148.0 0.0 385.3
98 65.1 32.1 96.3





#23
Diethyl Ether
Concen: 14.085 ug/l
RT: 2.382 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

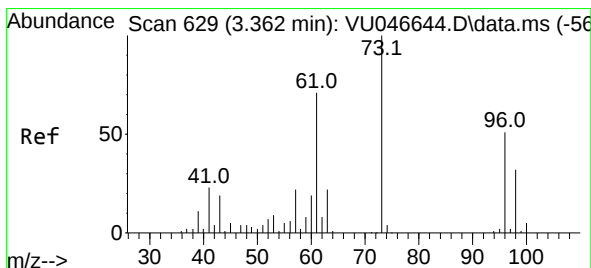
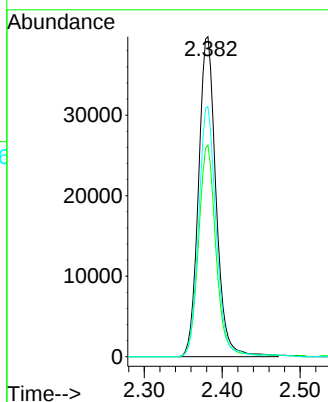
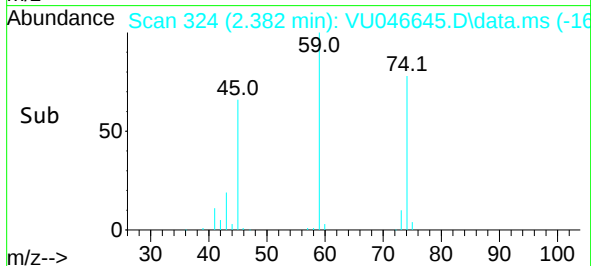
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



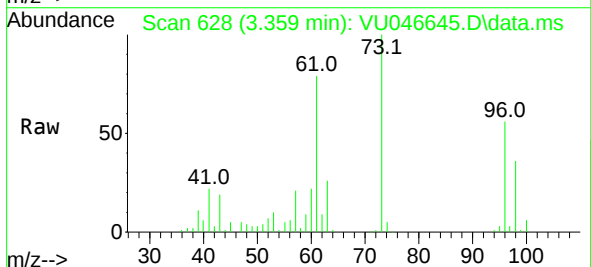
Tgt Ion: 59 Resp: 6205
Ion Ratio Lower Upper
59 100
45 65.5 55.6 83.4
74 77.8 58.1 87.1

Manual Integrations
APPROVED

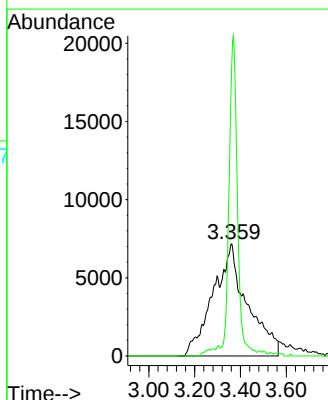
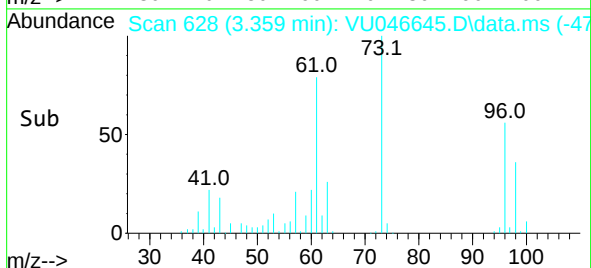
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

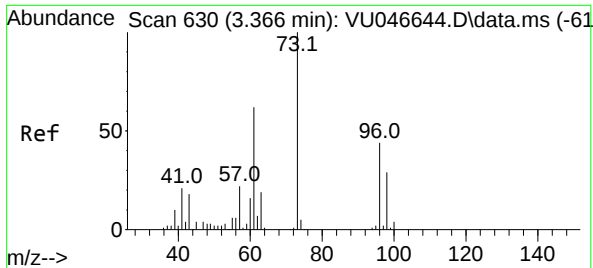


#24
tert-Butyl Alcohol
Concen: 178.506 ug/l m
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



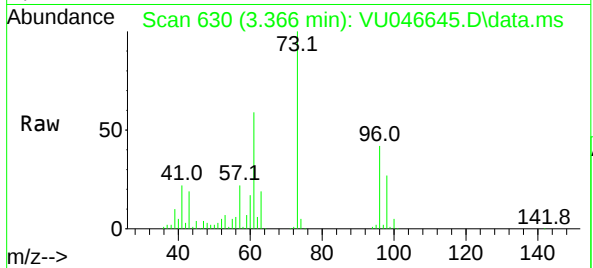
Tgt Ion: 59 Resp: 74042
Ion Ratio Lower Upper
59 100
57 66.2 6.5 9.7#





#25
Methyl tert-Butyl Ether
Concen: 15.560 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

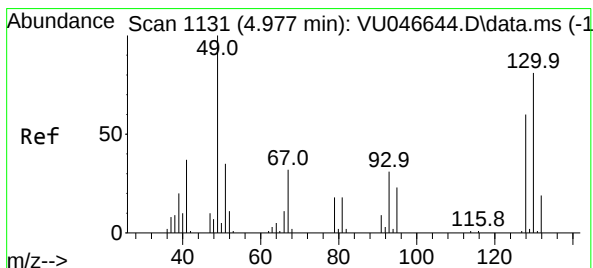
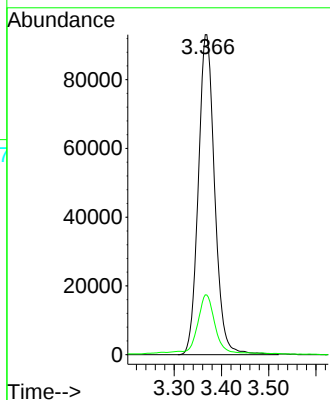
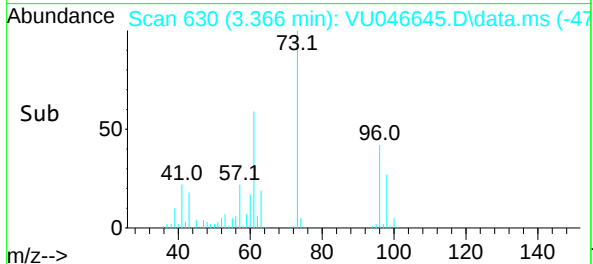
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 73 Resp: 223769
Ion Ratio Lower Upper
73 100
43 18.0 16.3 24.5

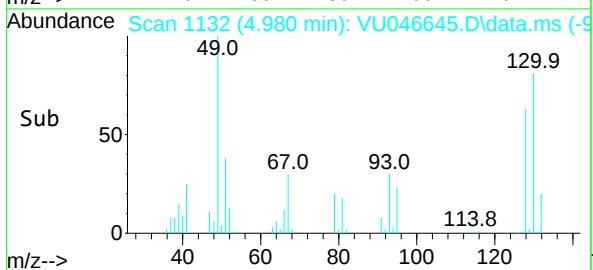
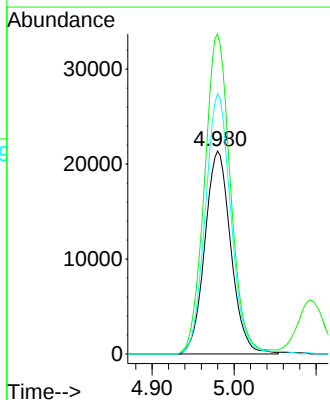
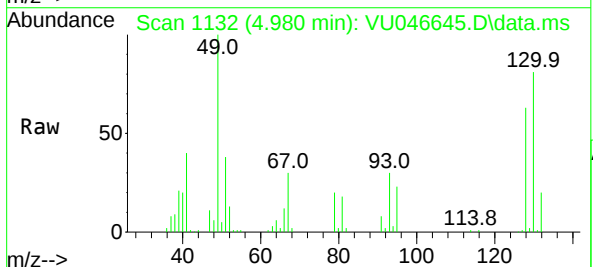
Manual Integrations
APPROVED

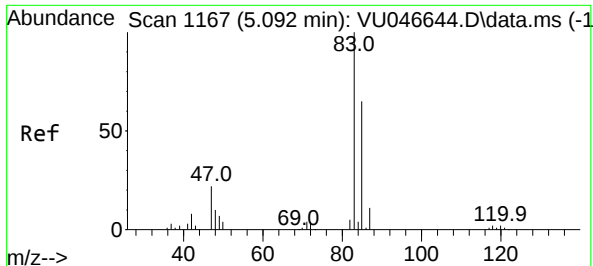
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#26
Bromochloromethane
Concen: 14.359 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

Tgt Ion:128 Resp: 46943
Ion Ratio Lower Upper
128 100
49 157.7 0.0 347.4
130 127.5 101.5 152.3





#27

Chloroform

Concen: 13.646 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 83 Resp: 173715

Ion Ratio Lower Upper

83 100

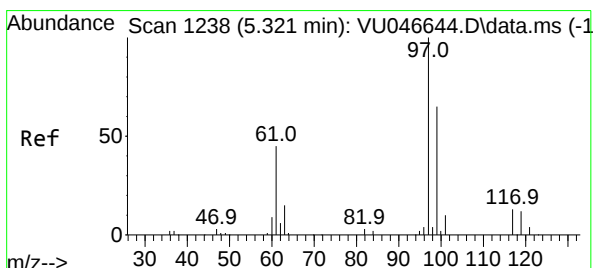
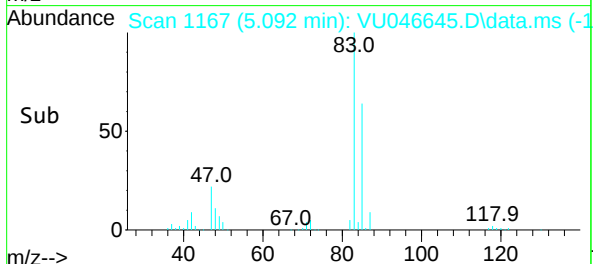
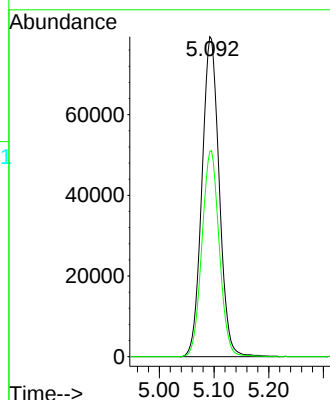
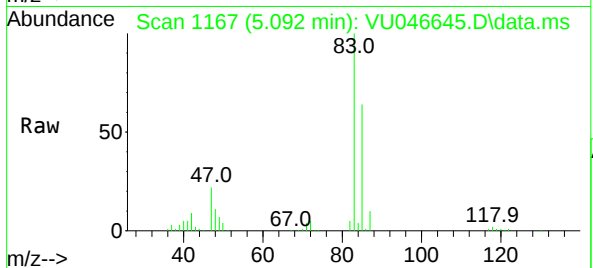
85 64.2 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#28

1,1,1-Trichloroethane

Concen: 14.061 ug/l

RT: 5.324 min Scan# 1239

Delta R.T. 0.003 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

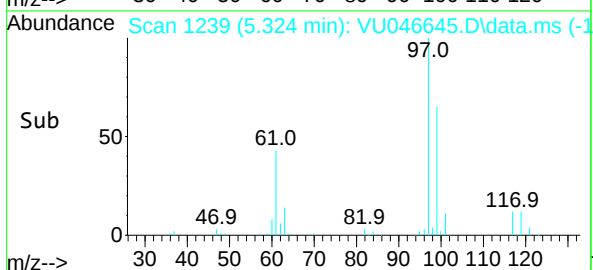
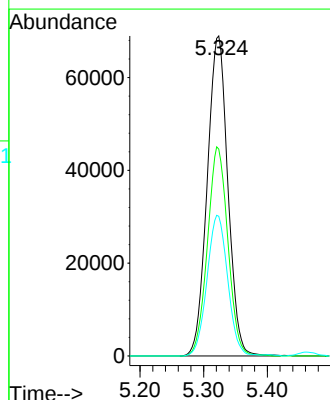
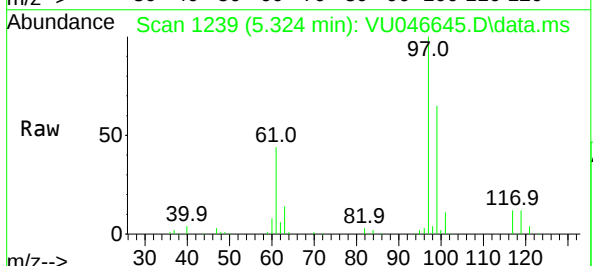
Tgt Ion: 97 Resp: 155297

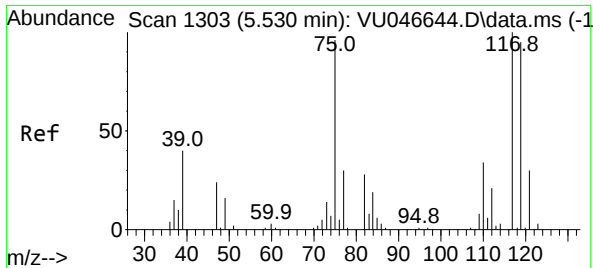
Ion Ratio Lower Upper

97 100

99 64.7 32.2 96.6

61 44.1 24.5 73.5





#29

1,1-Dichloropropene

Concen: 15.602 ug/l

RT: 5.529 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 75 Resp: 135010

Ion Ratio Lower Upper

75 100

110 33.4 16.8 50.3

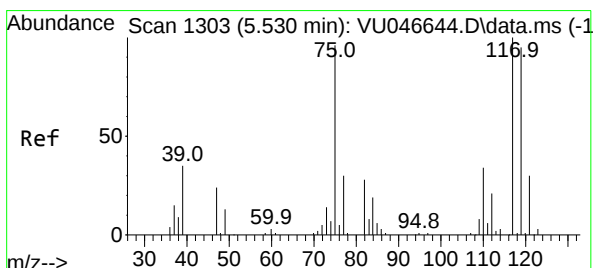
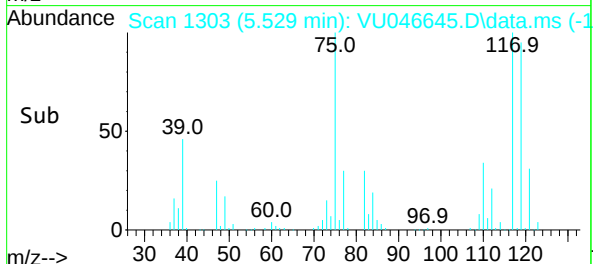
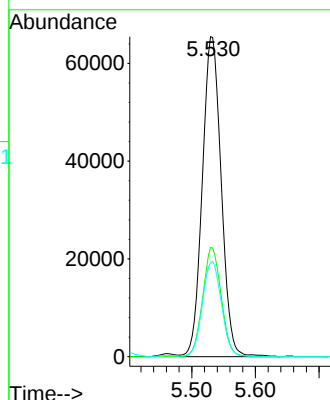
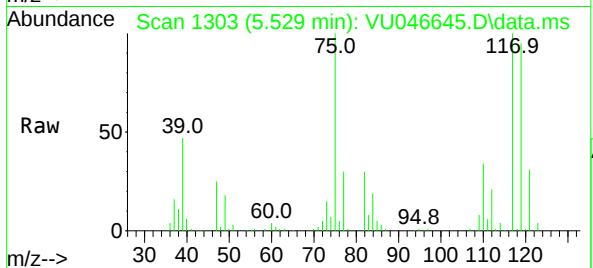
77 30.1 24.7 37.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#30

Carbon Tetrachloride

Concen: 14.329 ug/l

RT: 5.529 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

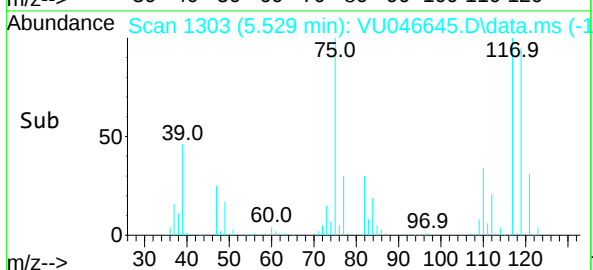
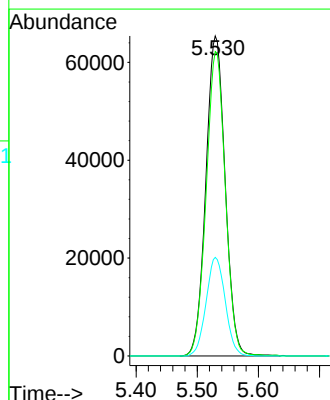
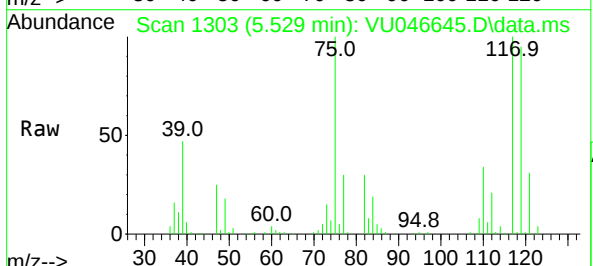
Tgt Ion:117 Resp: 143278

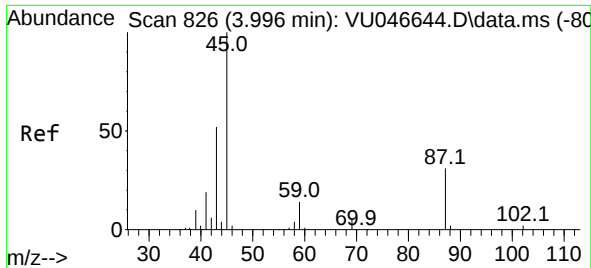
Ion Ratio Lower Upper

117 100

119 95.2 76.8 115.2

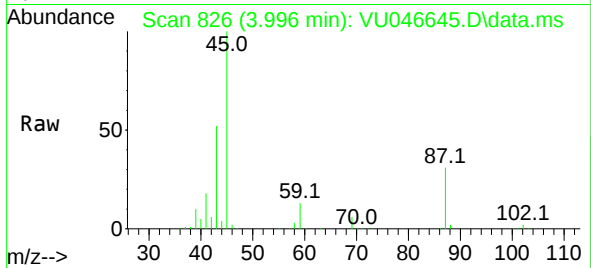
121 30.8 24.6 37.0





#31
Isopropyl Ether
Concen: 15.772 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

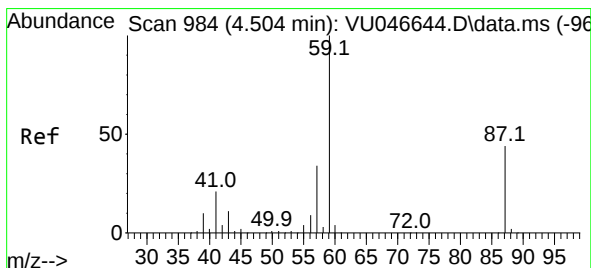
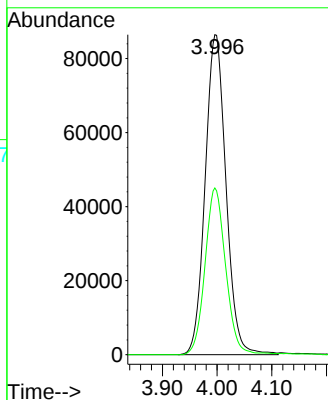
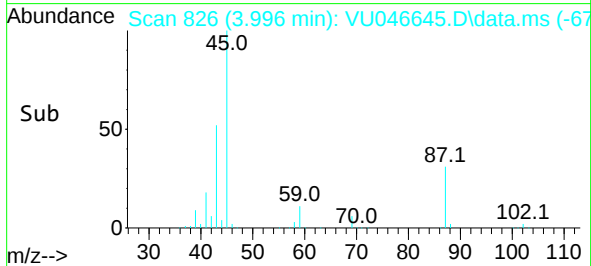
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



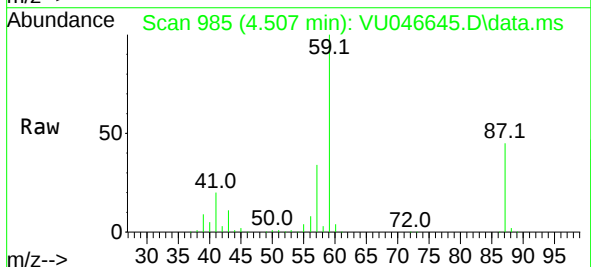
Tgt Ion: 45 Resp: 22884
Ion Ratio Lower Upper
45 100
43 51.3 25.3 75.8

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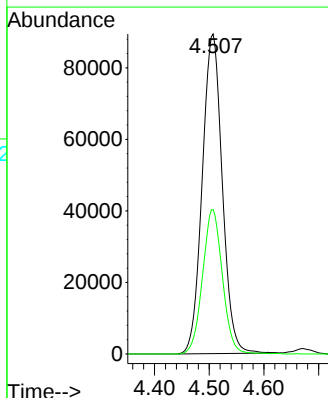
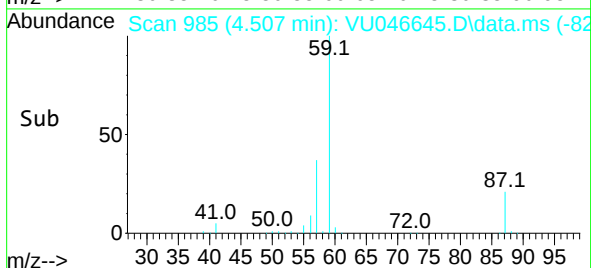
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

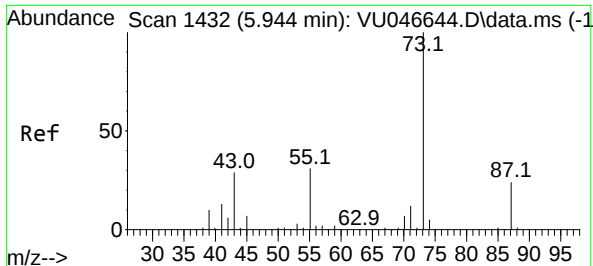


#32
Ethyl-t-butyl ether
Concen: 15.831 ug/l
RT: 4.507 min Scan# 985
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



Tgt Ion: 59 Resp: 226904
Ion Ratio Lower Upper
59 100
87 44.3 32.7 49.1





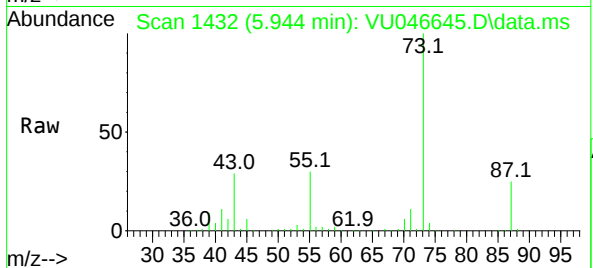
#33
Tert-Amyl methyl ether
Concen: 16.040 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

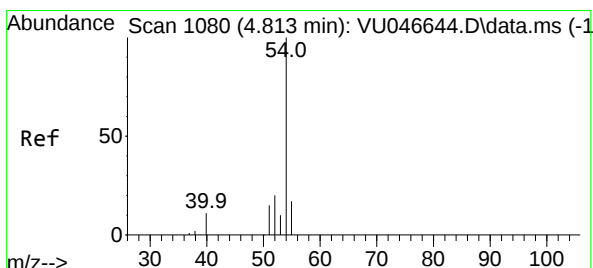
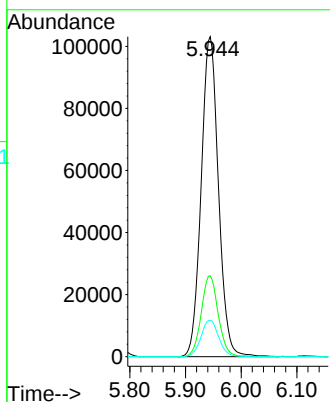
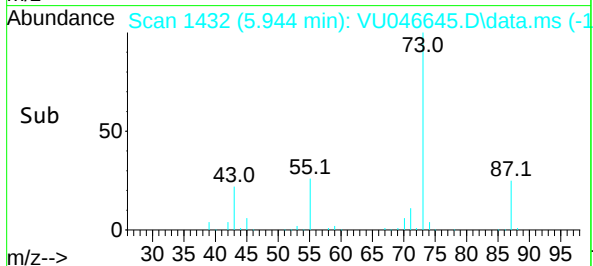


Tgt Ion: 73 Resp: 221974
Ion Ratio Lower Upper
73 100
87 24.9 18.6 28.0
71 11.8 9.0 13.6

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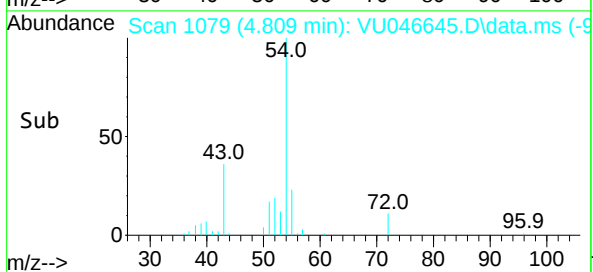
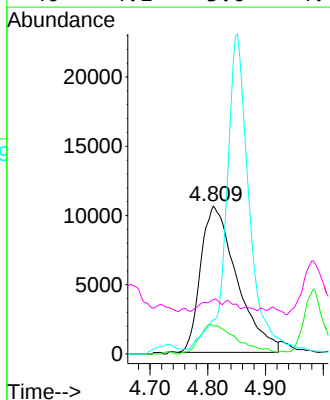
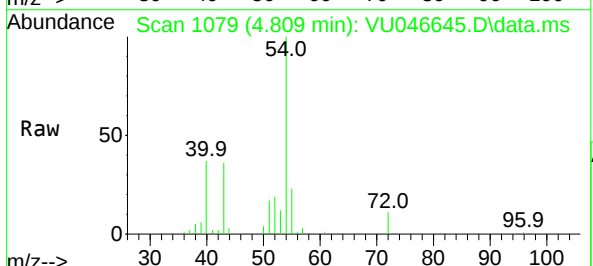
APPROVED

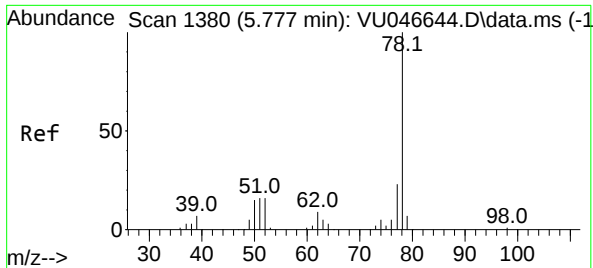
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#34
Propionitrile
Concen: 72.912 ug/l
RT: 4.809 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

Tgt Ion: 54 Resp: 46009
Ion Ratio Lower Upper
54 100
52 20.2 11.9 17.9#
55 0.0 8.0 12.0#
40 4.1 3.0 4.4





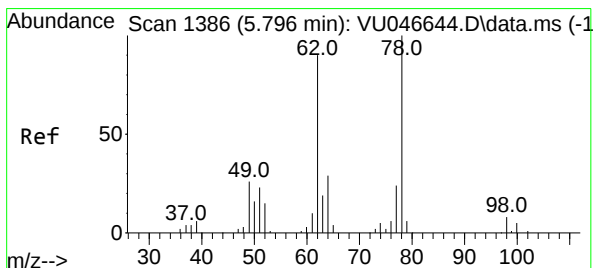
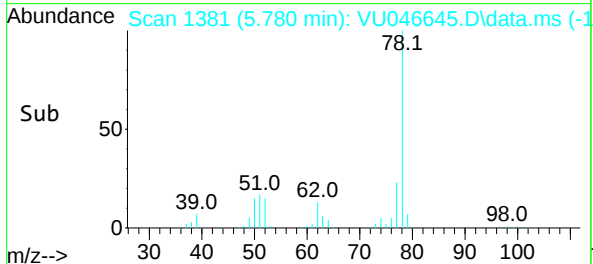
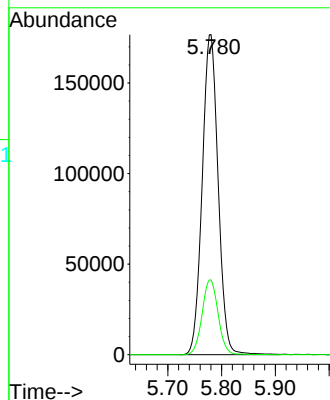
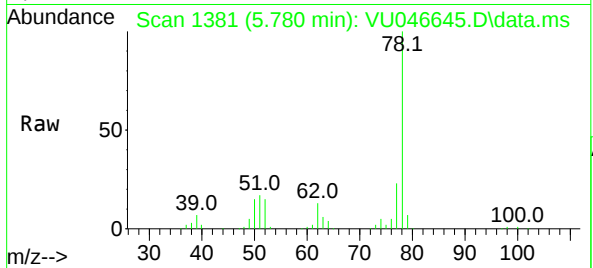
#35
Benzene
Concen: 14.645 ug/l
RT: 5.780 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 78 Resp: 36353
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7

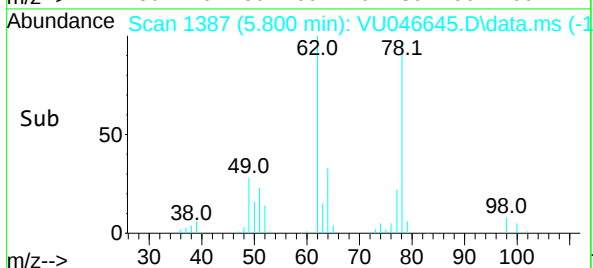
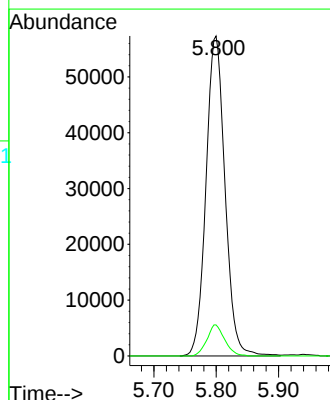
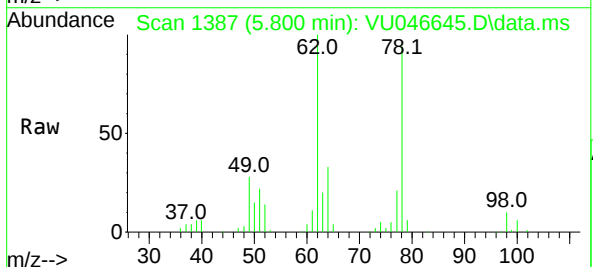
Manual Integrations
APPROVED

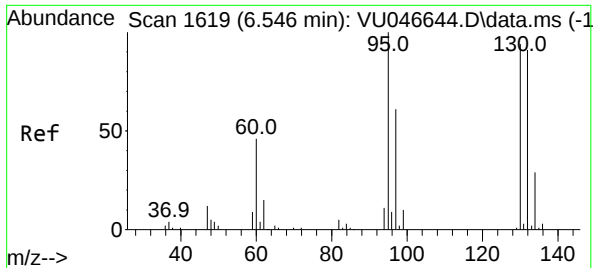
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#36
1,2-Dichloroethane
Concen: 14.317 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

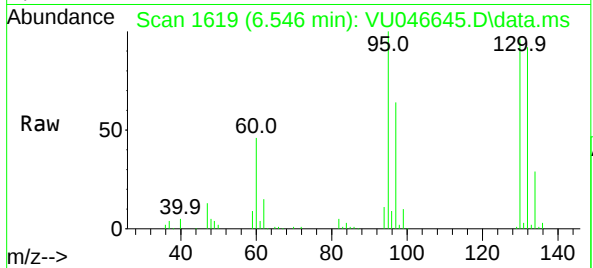
Tgt Ion: 62 Resp: 121406
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9





#37
Trichloroethene
Concen: 14.386 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

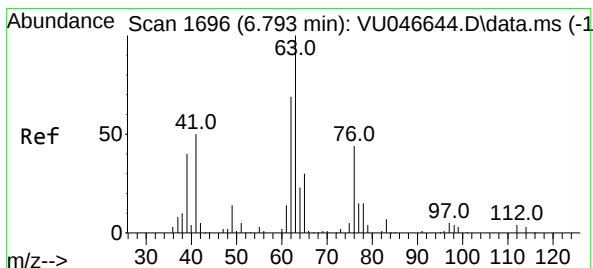
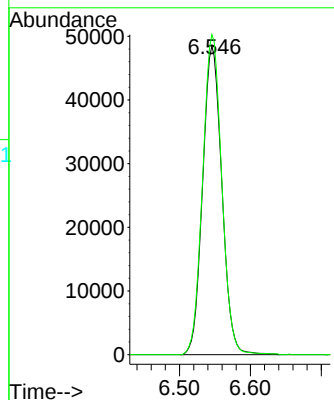
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



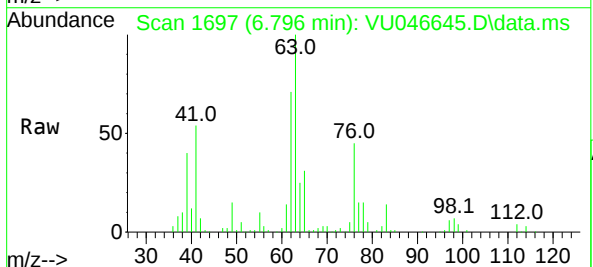
Tgt Ion:130 Resp: 91200
Ion Ratio Lower Upper
130 100
95 103.7 83.8 125.8

Manual Integrations
APPROVED

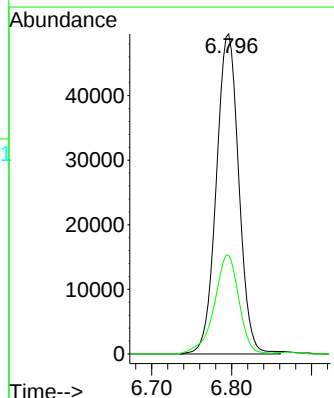
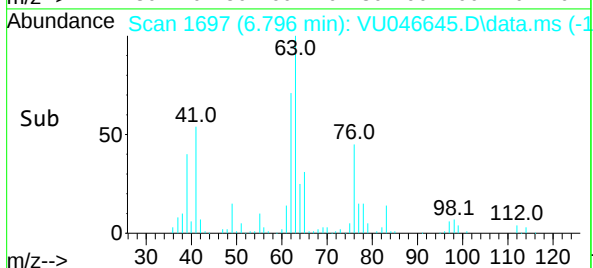
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

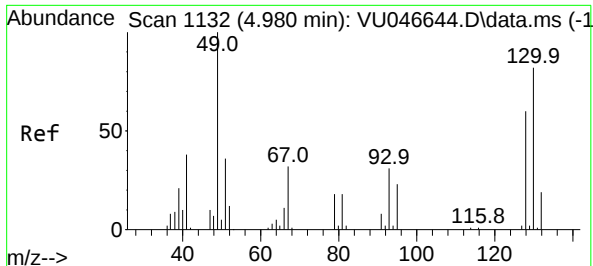


#38
1,2-Dichloropropane
Concen: 14.748 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



Tgt Ion: 63 Resp: 96652
Ion Ratio Lower Upper
63 100
65 30.6 24.7 37.1





#39

Methacrylonitrile

Concen: 16.201 ug/l

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

Instrument :

MSVOA_U

ClientSampleId :

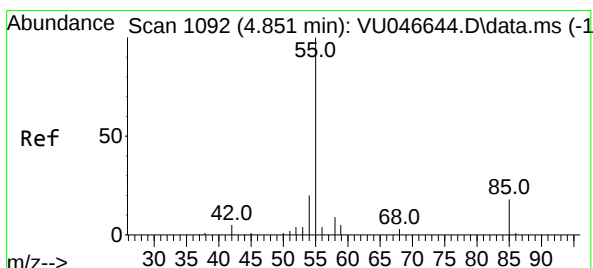
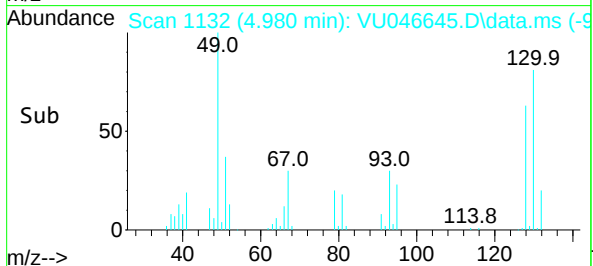
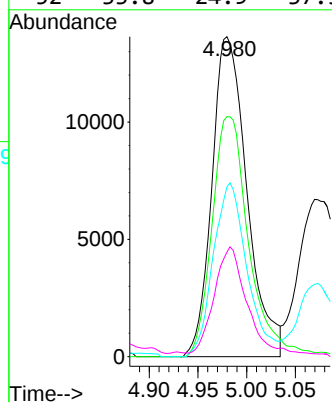
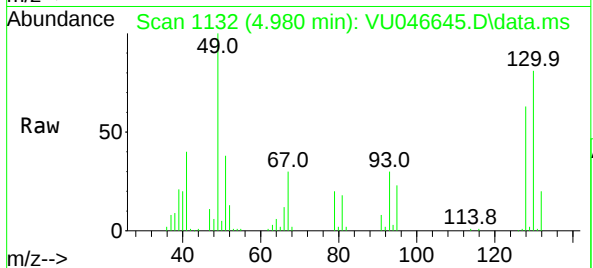
VSTDIC015

Tgt Ion: 41	Resp: 34100
Ion Ratio	Lower Upper
41 100	
67 78.6	65.2 97.8
39 52.2	43.0 64.6
52 33.8	24.9 37.3

Manual Integrations

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



#40

Methyl acrylate

Concen: 17.814 ug/l

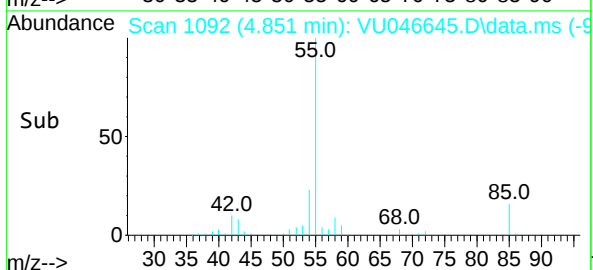
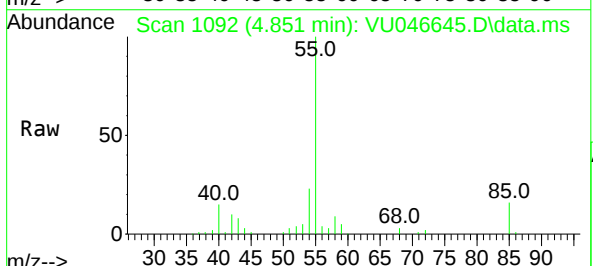
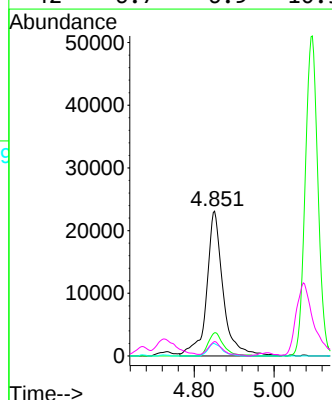
RT: 4.851 min Scan# 1092

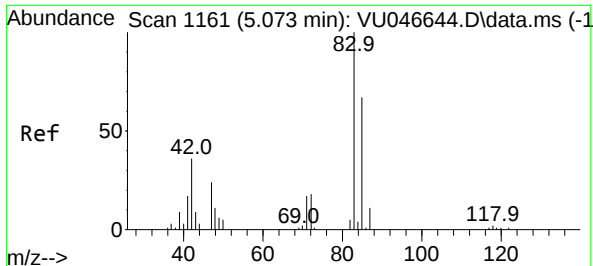
Delta R.T. -0.000 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

Tgt Ion: 55	Resp: 66231
Ion Ratio	Lower Upper
55 100	
85 14.7	12.2 18.2
58 7.4	6.7 10.1
42 6.7	6.9 10.3





#41

Tetrahydrofuran

Concen: 34.213 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

Instrument :

MSVOA_U

ClientSampleId :

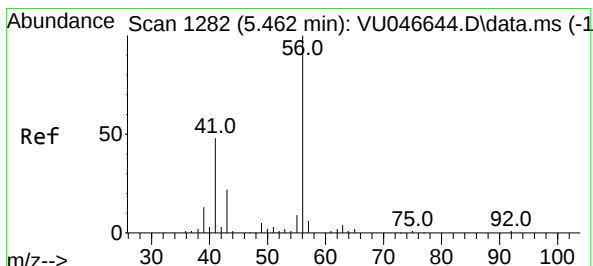
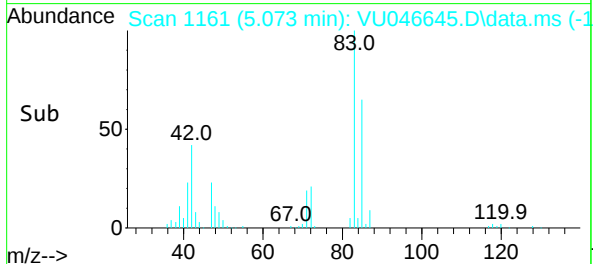
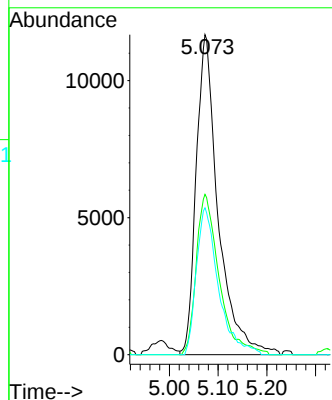
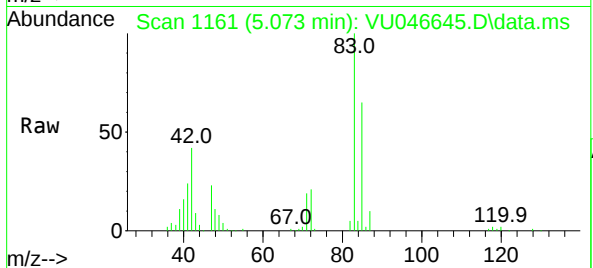
VSTDIC015

Tgt Ion:	42	Resp:	36620
Ion Ratio	Lower	Upper	
42	100		
72	52.2	42.4	63.6
71	44.8	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: 15.505 ug/l

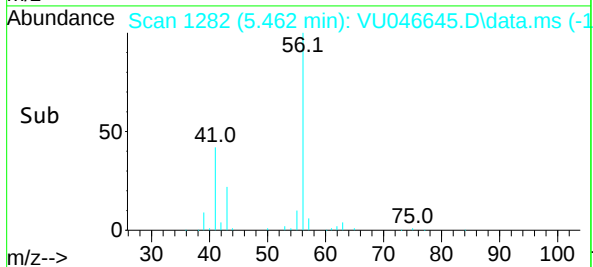
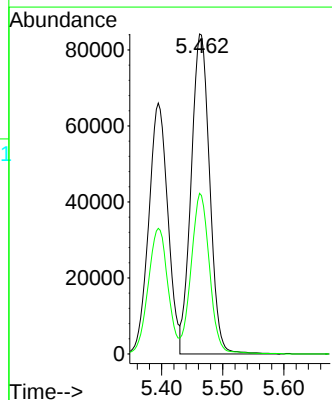
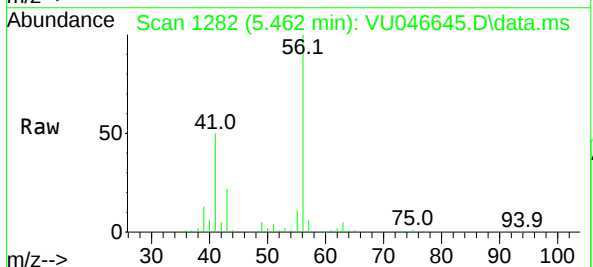
RT: 5.462 min Scan# 1282

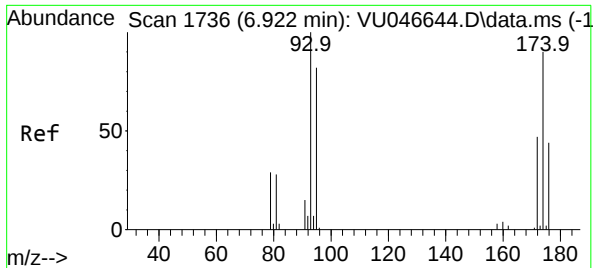
Delta R.T. -0.000 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

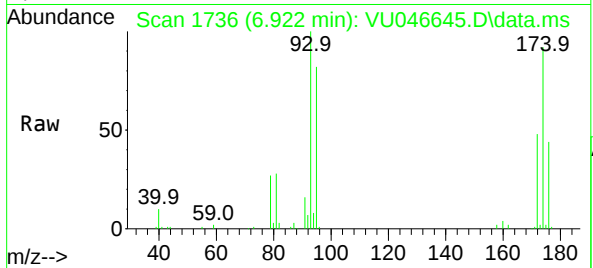
Tgt Ion:	56	Resp:	176961
Ion Ratio	Lower	Upper	
56	100		
41	49.5	26.0	78.0





#43
Dibromomethane
Concen: 14.352 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

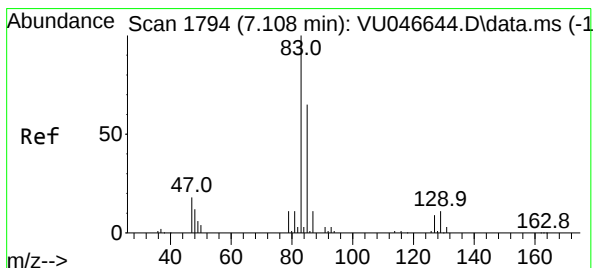
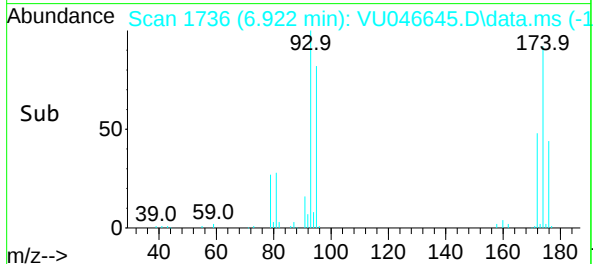
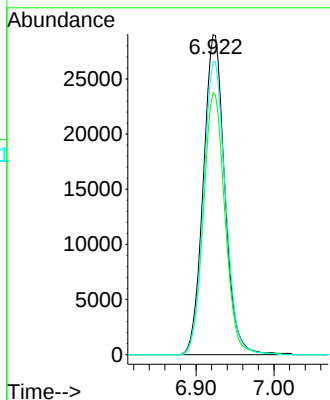
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 93 Resp: 5548
Ion Ratio Lower Upper
93 100
95 82.4 66.2 99.2
174 92.9 70.7 106.1

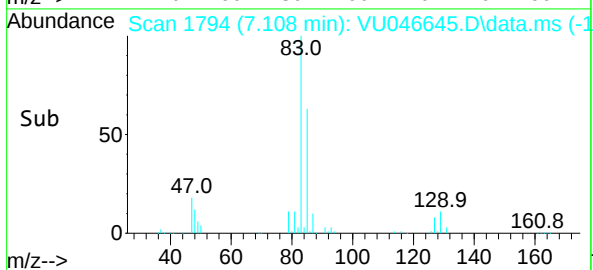
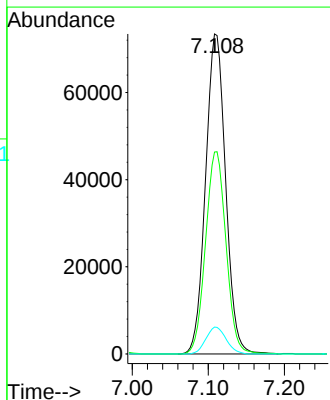
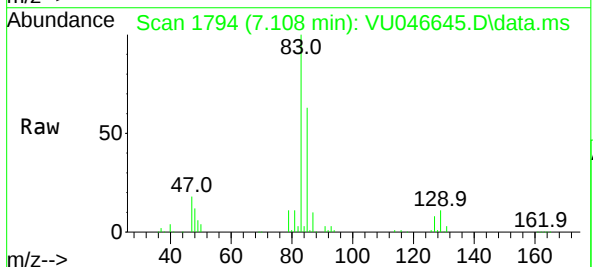
Manual Integrations
APPROVED

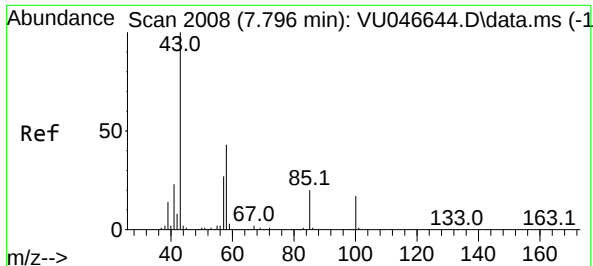
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#44
Bromodichloromethane
Concen: 13.971 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

Tgt Ion: 83 Resp: 134611
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3
127 8.4 6.0 9.0





#45

4-Methyl-2-Pentanone

Concen: 80.815 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 33709

Ion Ratio Lower Upper

43 100

58 42.9 21.0 63.0

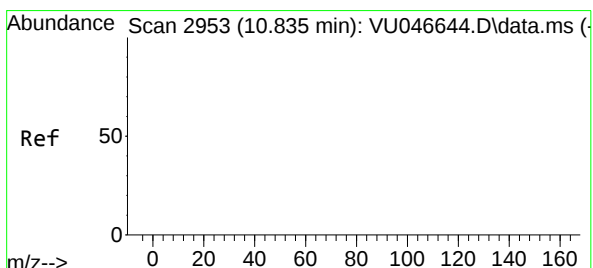
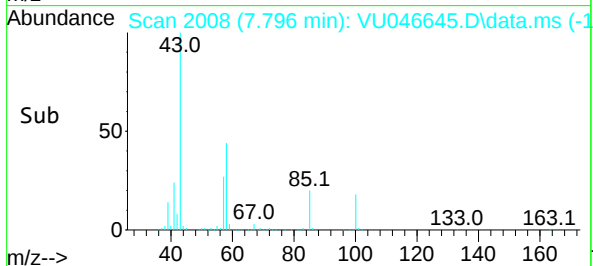
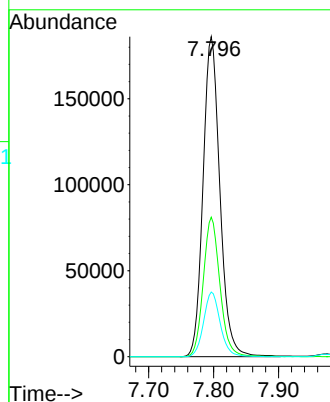
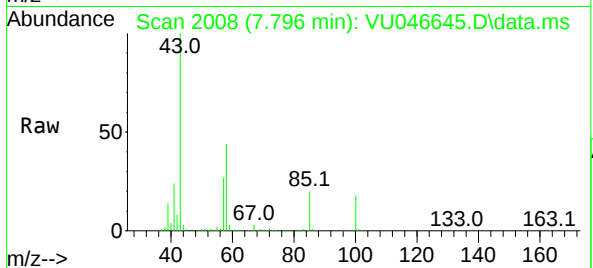
85 19.9 14.8 22.2

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: 33.893 ug/l m

RT: 10.835 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

Tgt Ion: 75 Resp: 75382

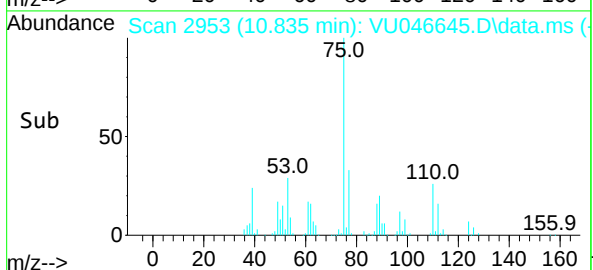
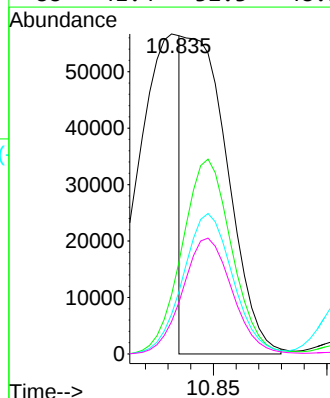
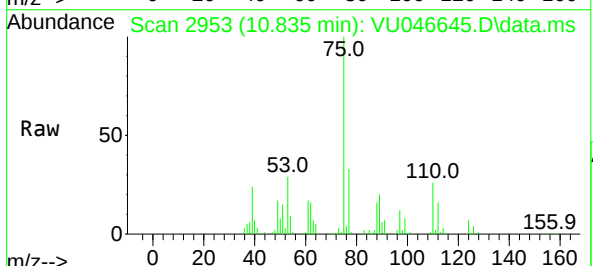
Ion Ratio Lower Upper

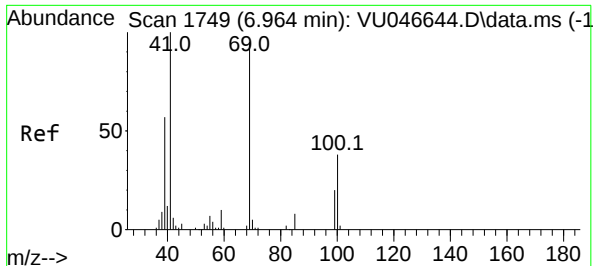
75 100

53 70.1 66.8 100.2

89 50.7 41.7 62.5

88 41.4 32.3 48.5





#47

Methyl methacrylate

Concen: 33.414 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 69 Resp: 10645

Ion Ratio Lower Upper

69 100

41 105.2 0.0 230.0

39 60.0 55.1 82.7

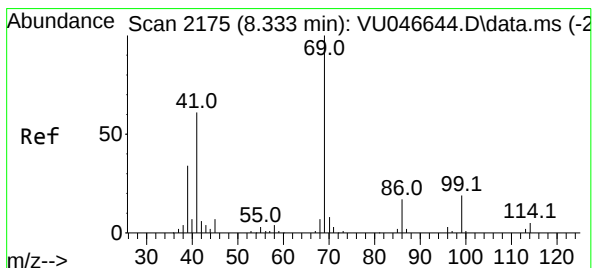
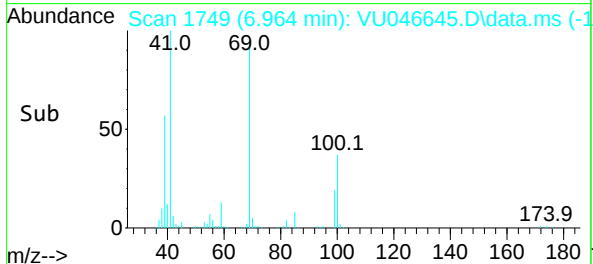
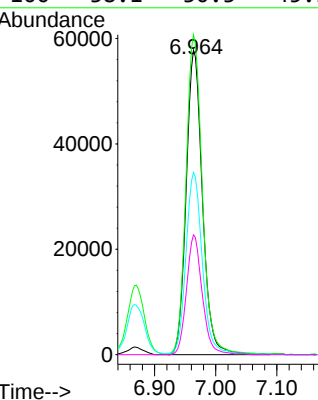
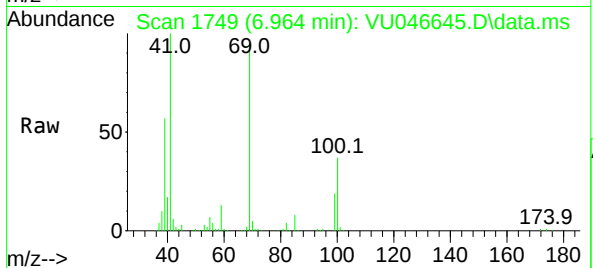
100 38.1 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#48

Ethyl methacrylate

Concen: 17.260 ug/l

RT: 8.336 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU046645.D

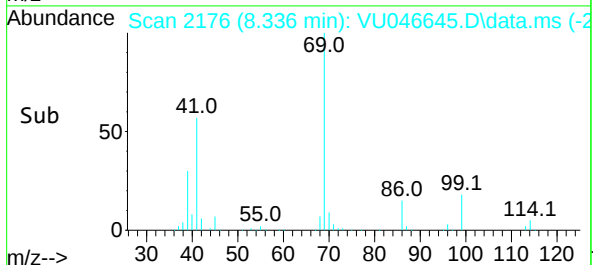
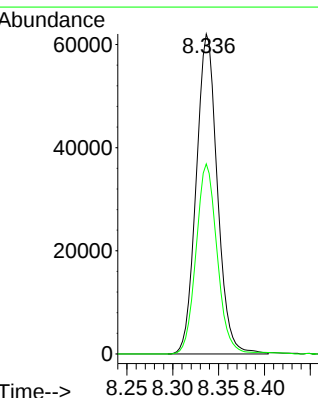
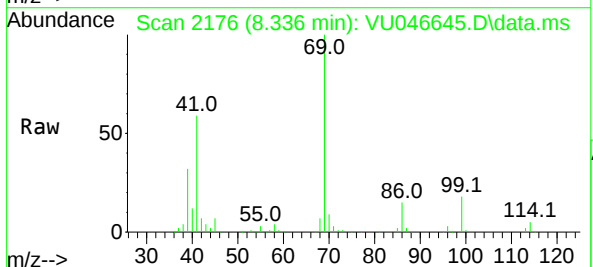
Acq: 30 Dec 2021 12:16

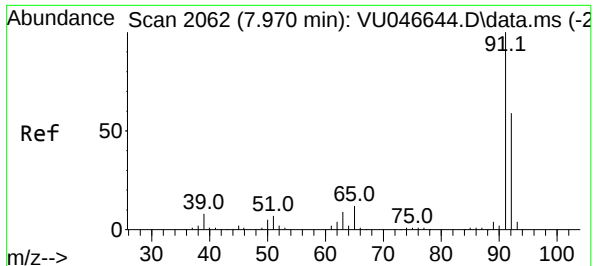
Tgt Ion: 69 Resp: 99402

Ion Ratio Lower Upper

69 100

41 59.7 32.6 98.0





#49

Toluene

Concen: 15.899 ug/l

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 92 Resp: 23220

Ion Ratio Lower Upper

92 100

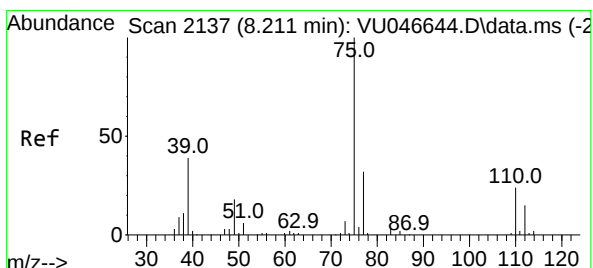
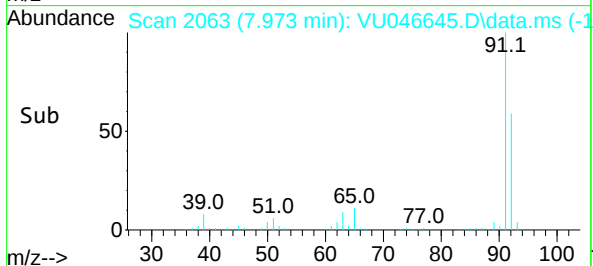
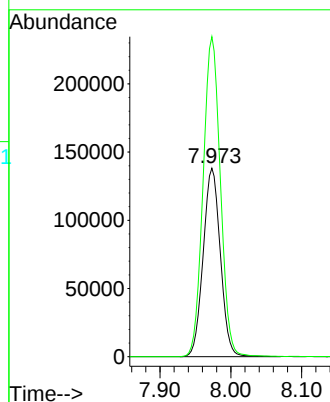
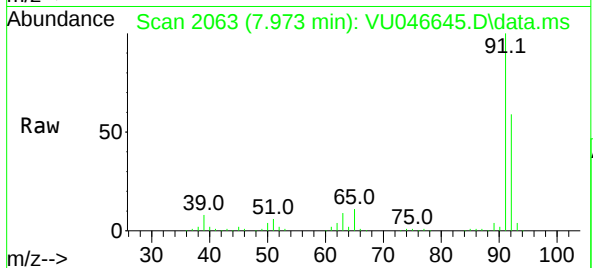
91 171.1 136.8 205.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#50

t-1,3-Dichloropropene

Concen: 15.725 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046645.D

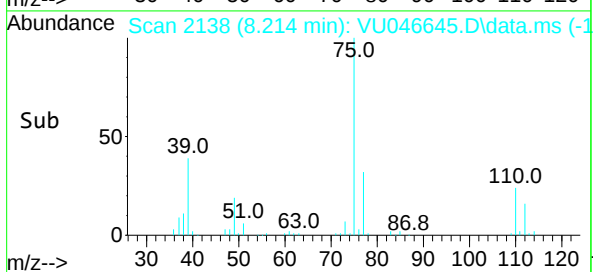
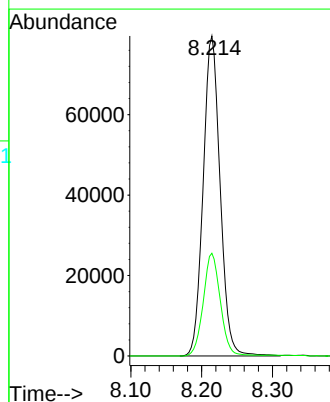
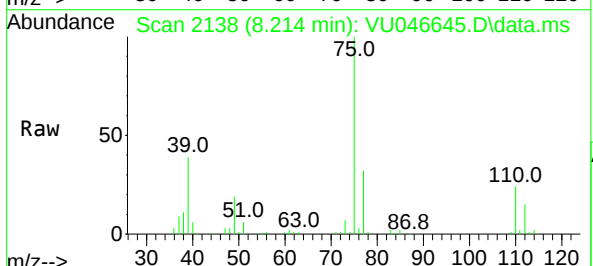
Acq: 30 Dec 2021 12:16

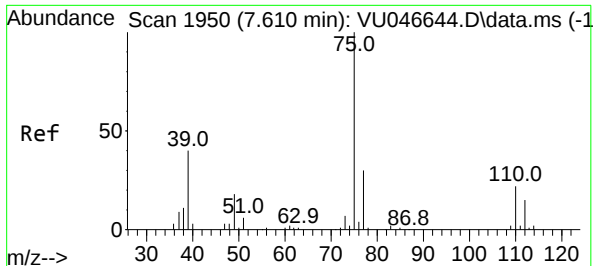
Tgt Ion: 75 Resp: 132153

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4





#51

cis-1,3-Dichloropropene

Concen: 15.492 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 75 Resp: 14298

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

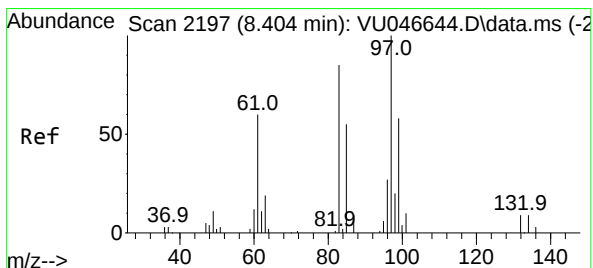
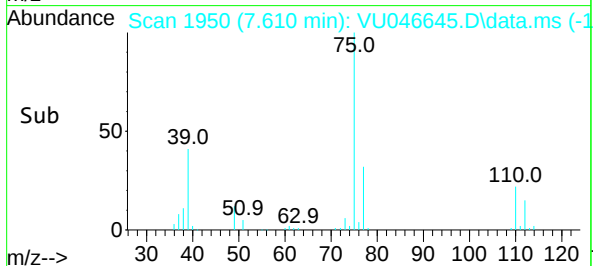
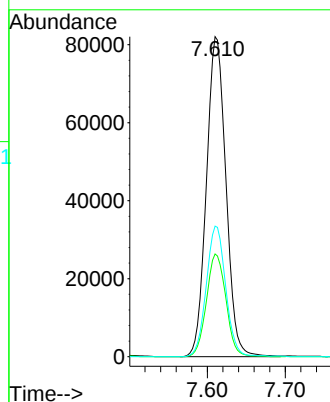
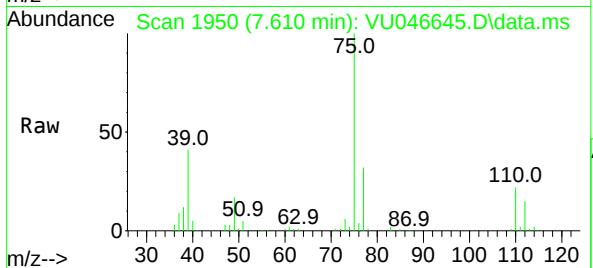
39 40.8 38.6 57.8

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: 14.103 ug/l

RT: 8.404 min Scan# 2197

Delta R.T. -0.000 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

Tgt Ion: 97 Resp: 76177

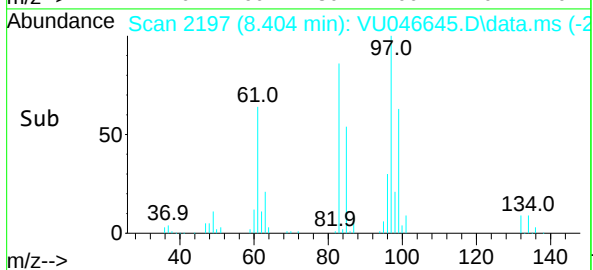
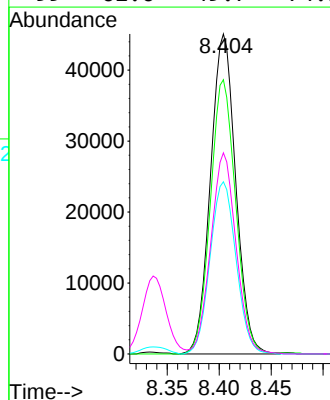
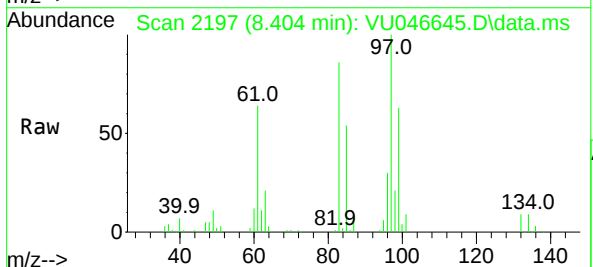
Ion Ratio Lower Upper

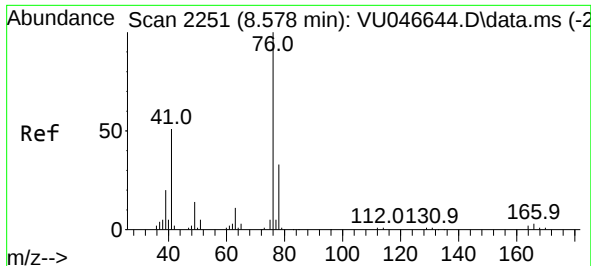
97 100

83 85.7 69.8 104.8

85 53.8 44.2 66.4

99 62.6 49.7 74.5





#53

1,3-Dichloropropane

Concen: 14.579 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 76 Resp: 13500

Ion Ratio Lower Upper

76 100

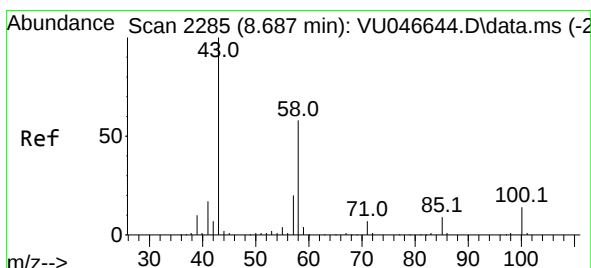
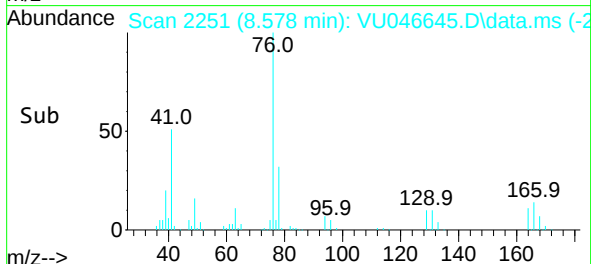
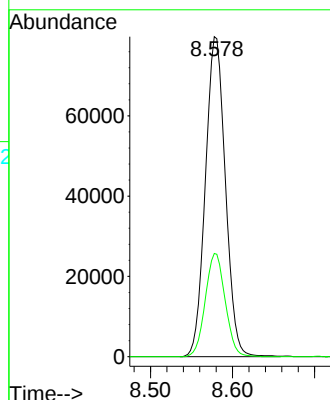
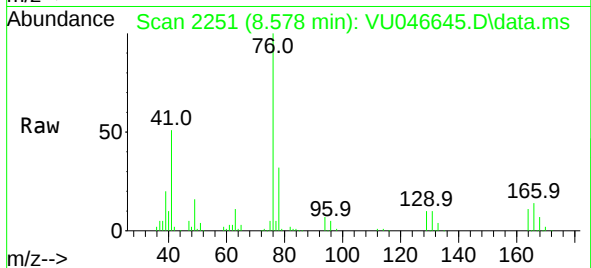
78 32.0 25.4 38.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/31/2021

Supervised By :Mahesh Dadoda 01/03/2022



#54

2-Hexanone

Concen: 84.783 ug/l

RT: 8.690 min Scan# 2286

Delta R.T. 0.003 min

Lab File: VU046645.D

Acq: 30 Dec 2021 12:16

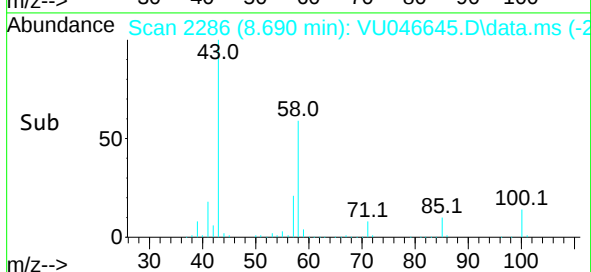
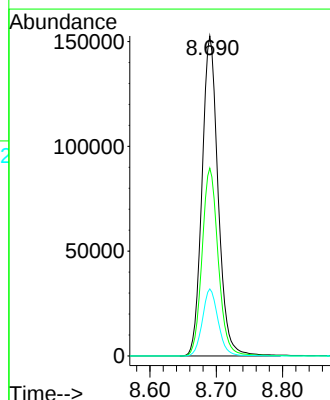
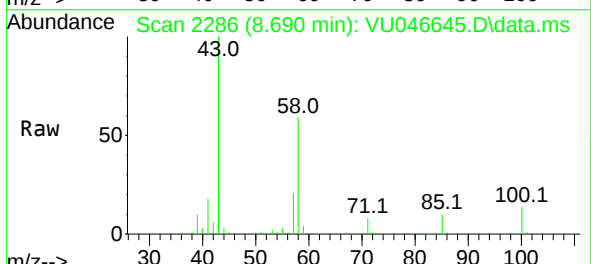
Tgt Ion: 43 Resp: 257728

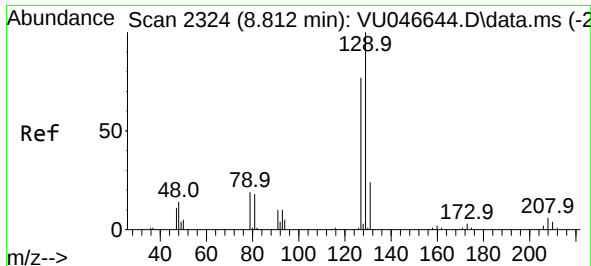
Ion Ratio Lower Upper

43 100

58 58.9 37.7 77.7

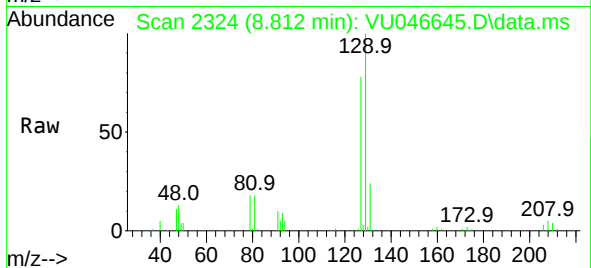
57 20.5 0.5 40.5





#55
Dibromochloromethane
Concen: 14.130 ug/l
RT: 8.812 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

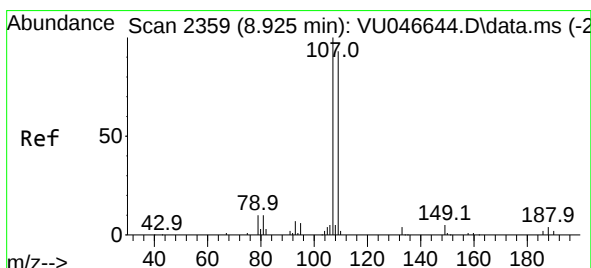
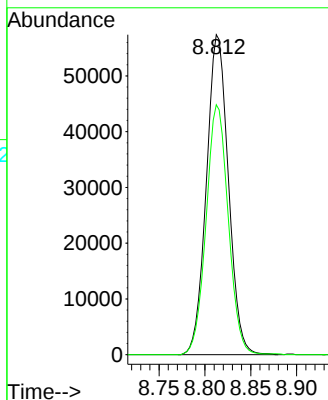
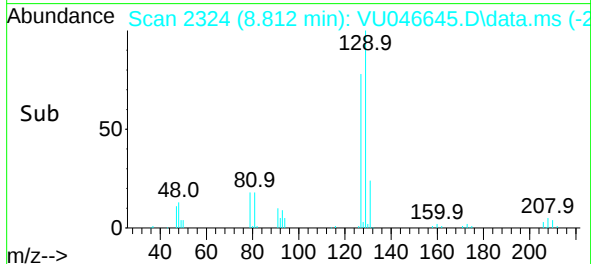
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:129 Resp: 95704
Ion Ratio Lower Upper
129 100
127 78.7 62.2 93.4

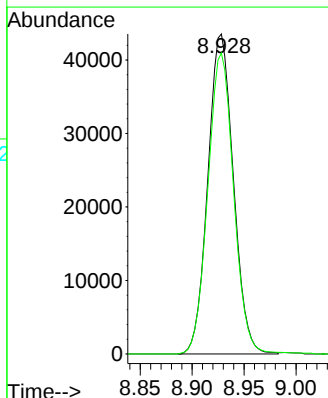
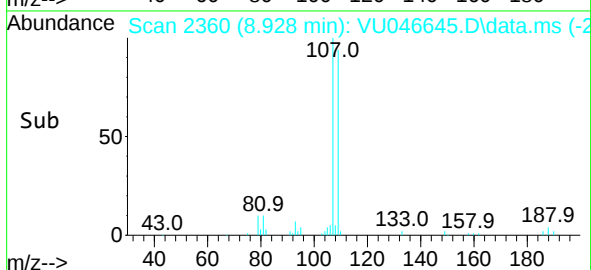
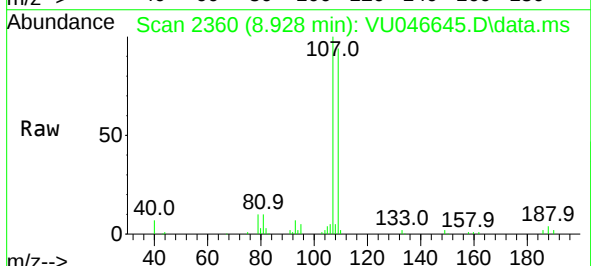
Manual Integrations
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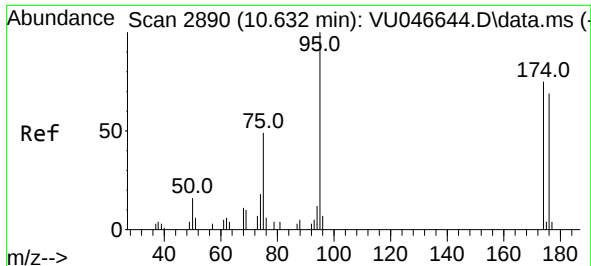
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#56
1,2-Dibromoethane
Concen: 14.403 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

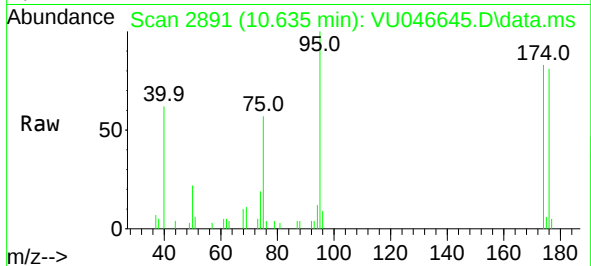
Tgt Ion:107 Resp: 74409
Ion Ratio Lower Upper
107 100
109 95.1 0.0 185.0





#57
4-Bromofluorobenzene
Concen: 1.081 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

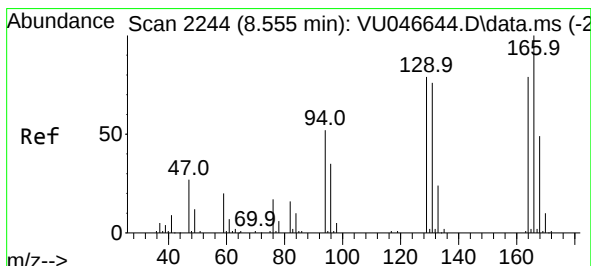
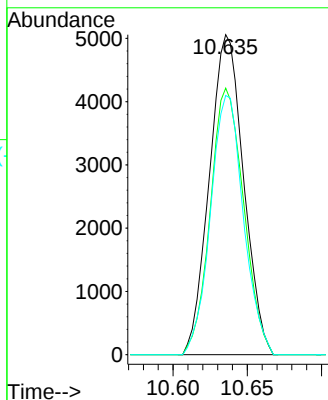
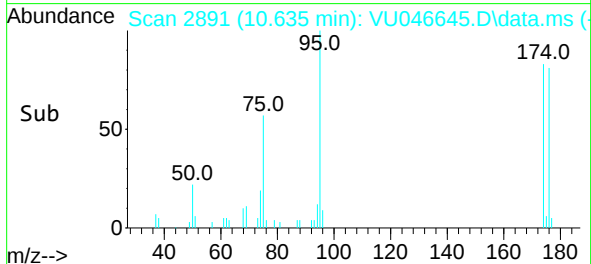
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



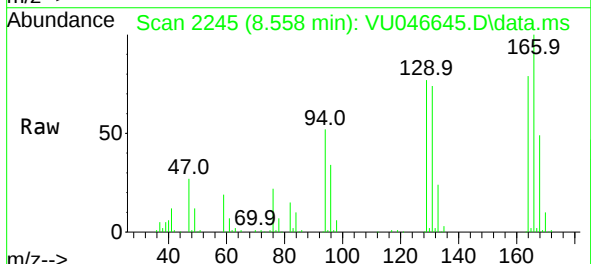
Tgt Ion: 95 Resp: 808
Ion Ratio Lower Upper
95 100
174 81.4 56.6 84.8
176 78.1 54.3 81.5

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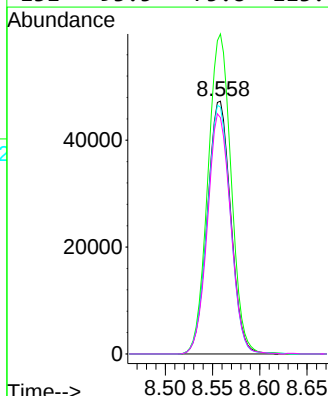
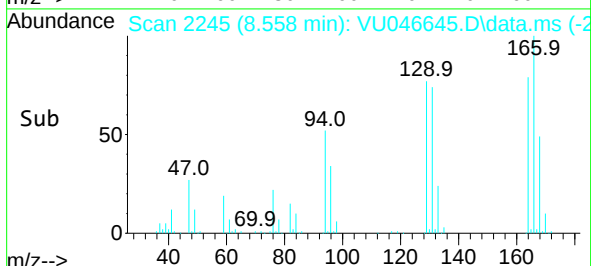
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

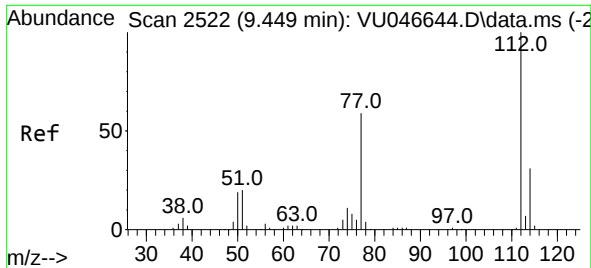


#58
Tetrachloroethene
Concen: 14.530 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



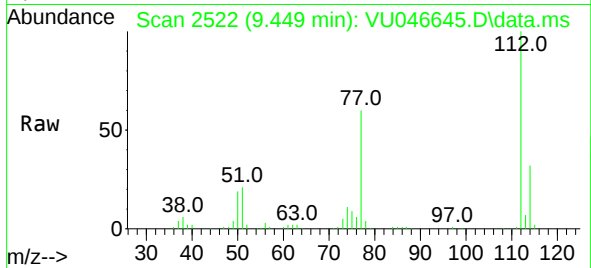
Tgt Ion:164 Resp: 81266
Ion Ratio Lower Upper
164 100
166 126.6 102.0 153.0
129 97.6 77.1 115.7
131 93.5 75.8 113.6





#59
Chlorobenzene
Concen: 15.379 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

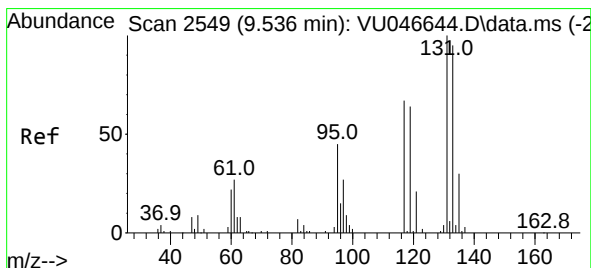
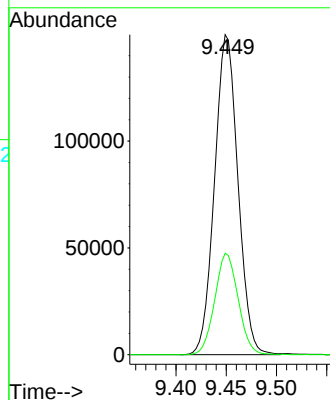
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:112 Resp: 24240
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

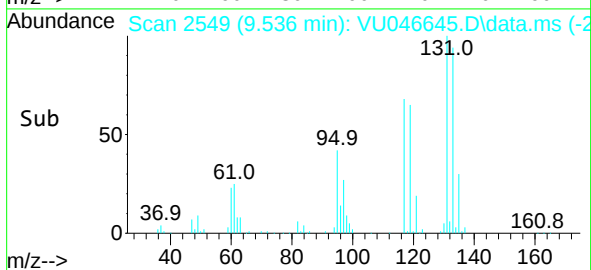
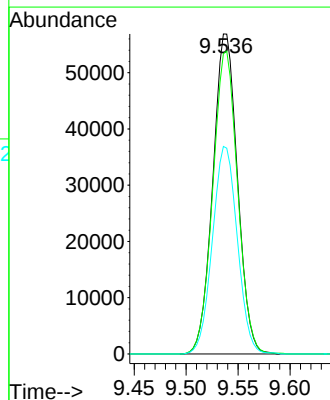
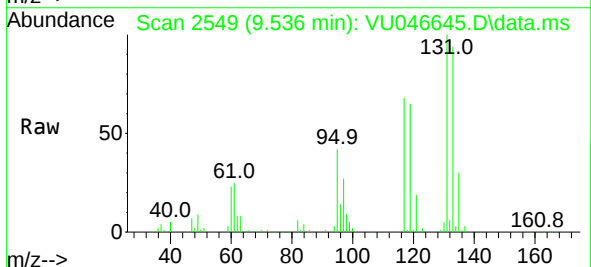
Manual Integrations
APPROVED

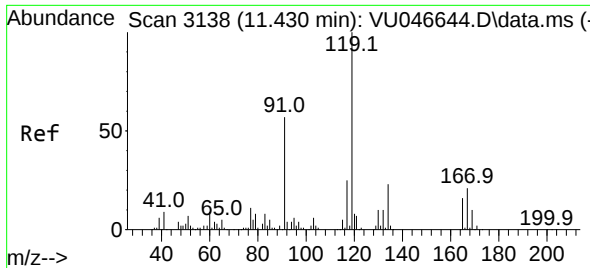
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#60
1,1,1,2-Tetrachloroethane
Concen: 14.217 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

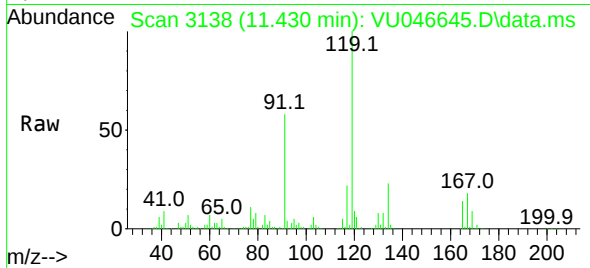
Tgt Ion:131 Resp: 93624
Ion Ratio Lower Upper
131 100
133 95.7 76.0 114.0
119 65.6 54.9 82.3





#61
Pentachloroethane
Concen: 14.403 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

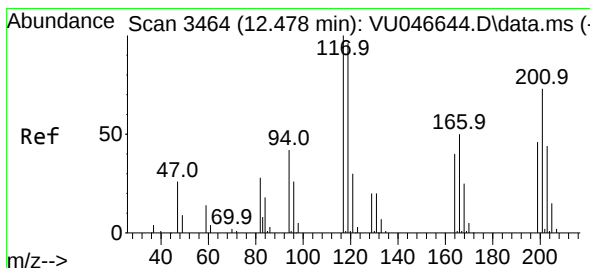
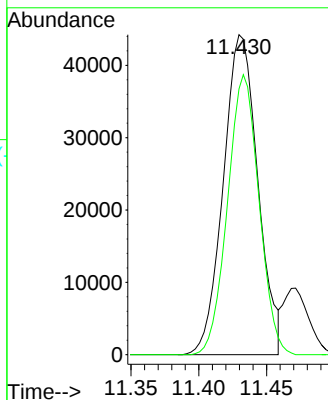
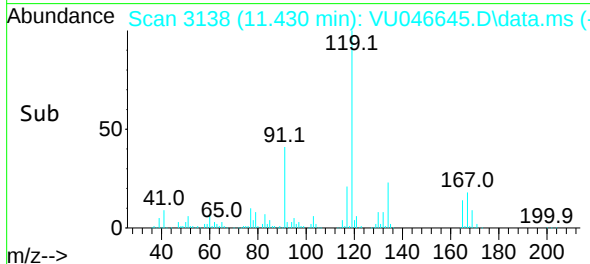
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



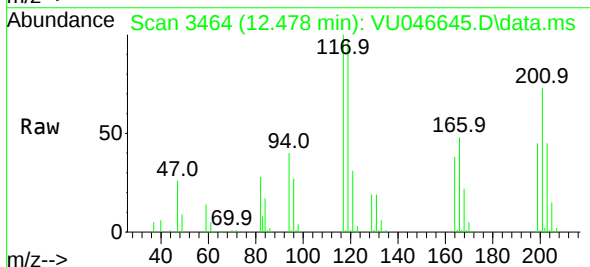
Tgt Ion:117 Resp: 78349
Ion Ratio Lower Upper
117 100
167 79.6 59.7 89.5

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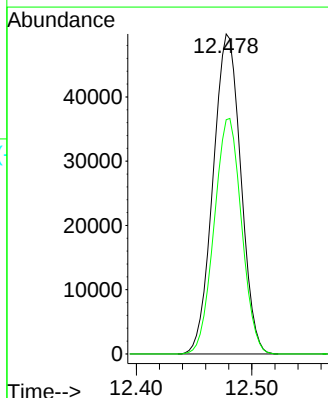
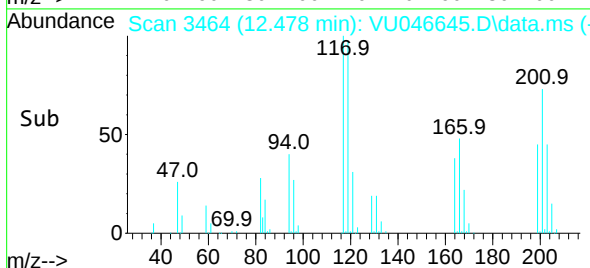
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

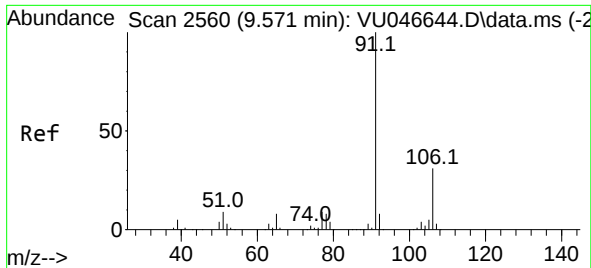


#62
Hexachloroethane
Concen: 15.131 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



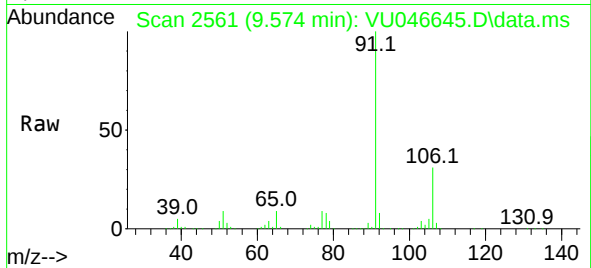
Tgt Ion:117 Resp: 82973
Ion Ratio Lower Upper
117 100
201 72.8 53.6 80.4





#63
Ethyl Benzene
Concen: 17.376 ug/l
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

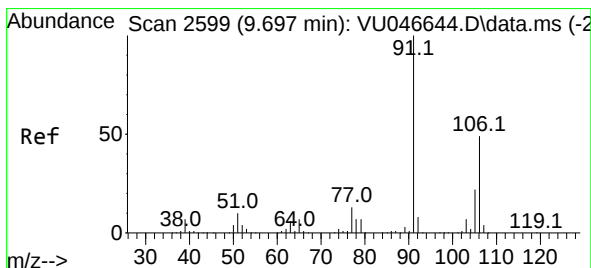
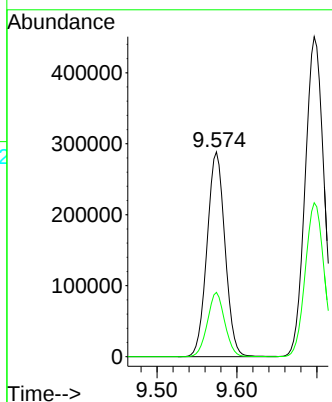
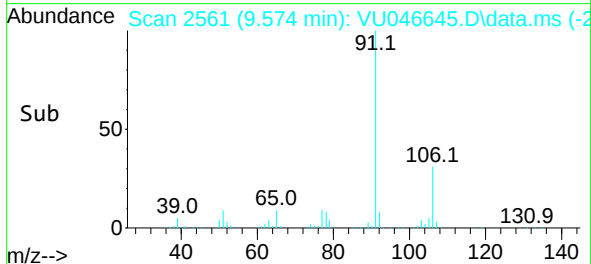
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



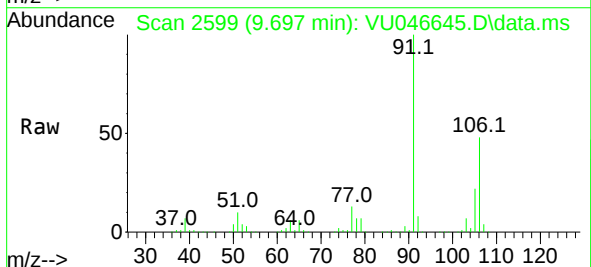
Tgt Ion: 91 Resp: 450568
Ion Ratio Lower Upper
91 100
106 31.4 24.4 36.6

Manual Integrations
APPROVED

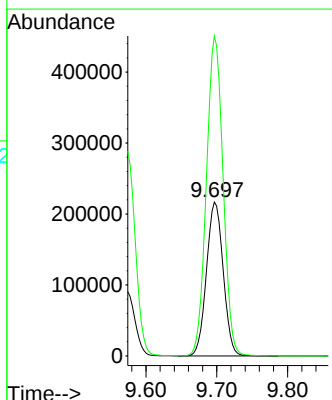
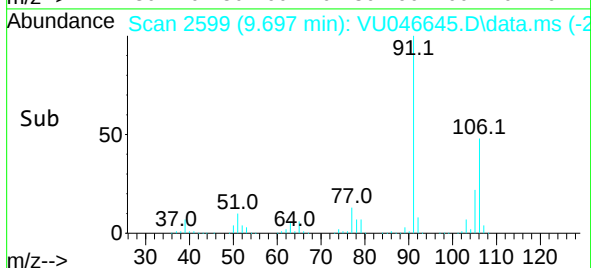
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

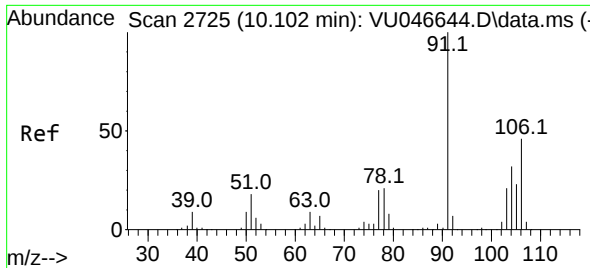


#64
m/p-Xylenes
Concen: 34.686 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



Tgt Ion:106 Resp: 355384
Ion Ratio Lower Upper
106 100
91 207.3 165.5 248.3





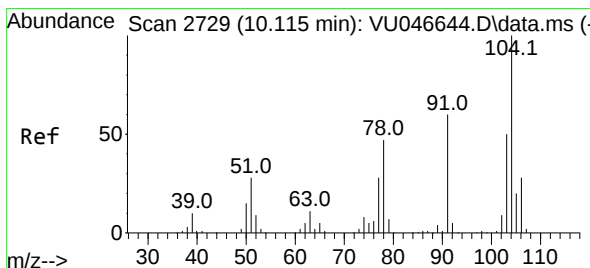
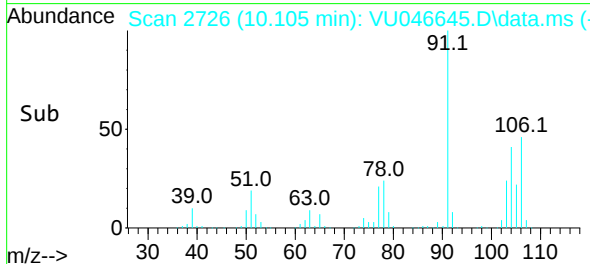
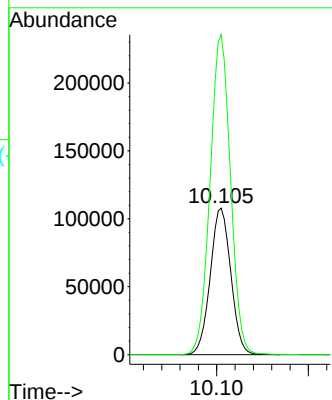
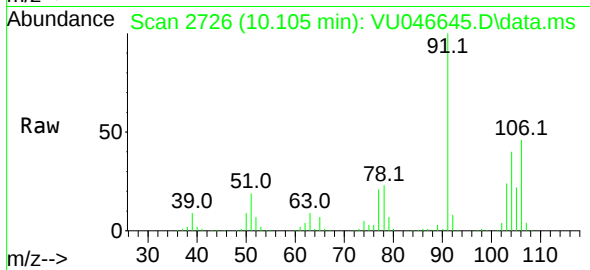
#65
o-Xylene
Concen: 17.327 ug/l
RT: 10.105 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:106 Resp: 16806
Ion Ratio Lower Upper
106 100
91 216.8 109.4 328.2

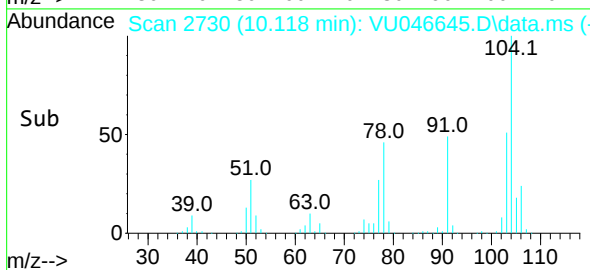
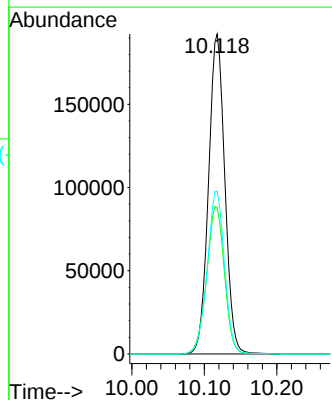
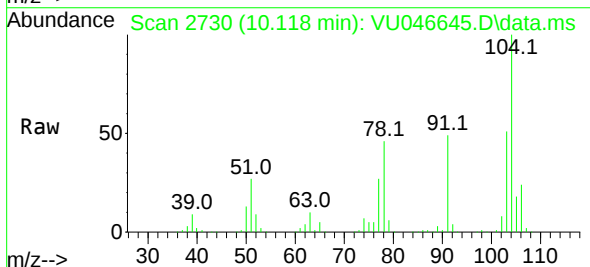
Manual Integrations
APPROVED

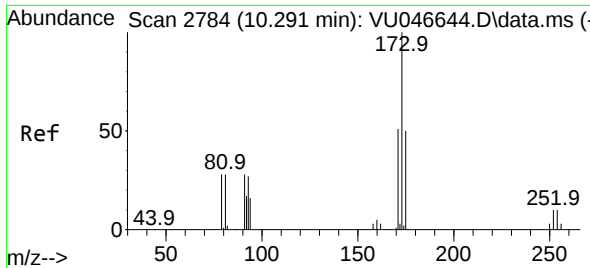
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#66
Styrene
Concen: 17.674 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

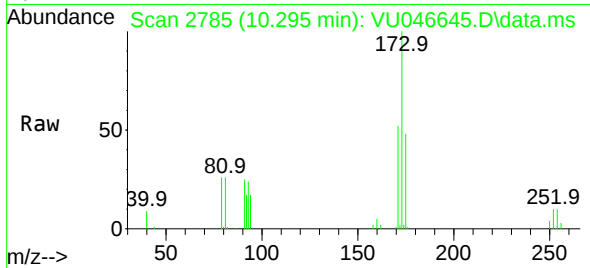
Tgt Ion:104 Resp: 300171
Ion Ratio Lower Upper
104 100
78 50.3 42.4 63.6
103 54.1 44.2 66.4





#67
Bromoform
Concen: 14.962 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

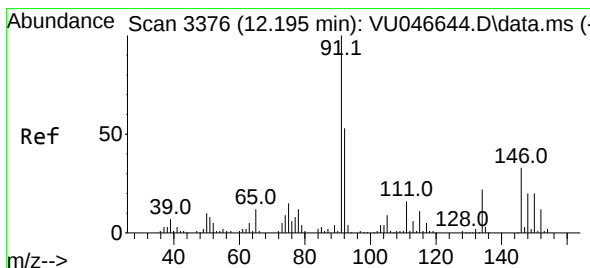
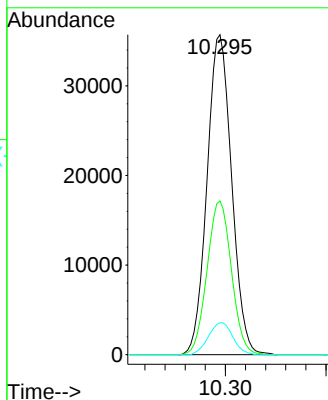
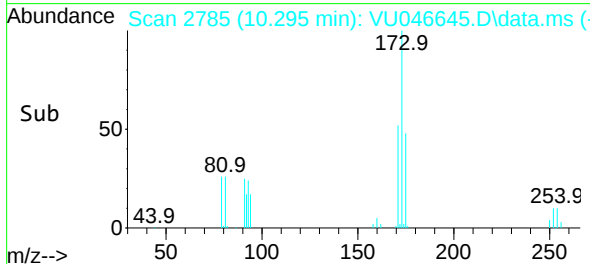
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



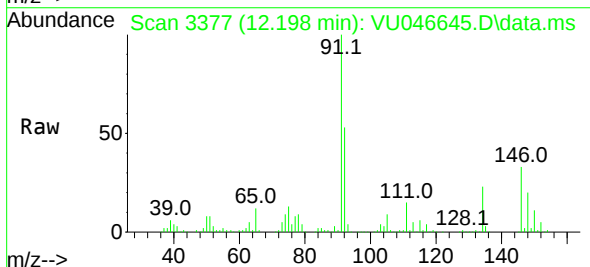
Tgt Ion:173 Resp: 6060
Ion Ratio Lower Upper
173 100
175 47.5 39.0 58.4
254 9.9 5.5 8.3

Manual Integrations
APPROVED

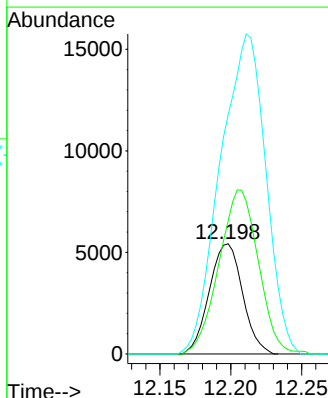
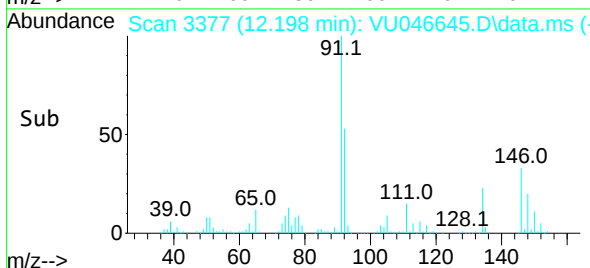
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

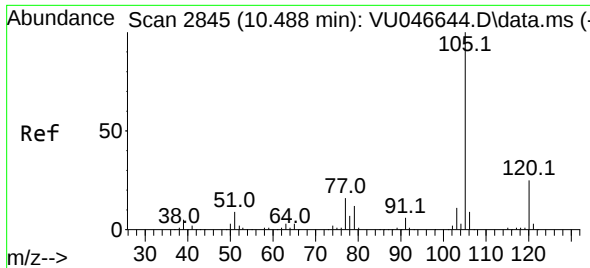


#68
1,2-Dichlorobenzene-d4
Concen: 1.100 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



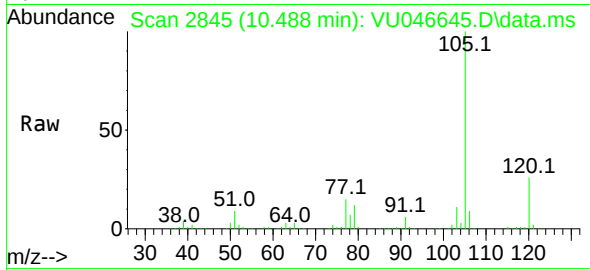
Tgt Ion:152 Resp: 8877
Ion Ratio Lower Upper
152 100
115 176.4 0.0 251.0
150 395.7 0.0 613.8





#69
Isopropylbenzene
Concen: 17.577 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

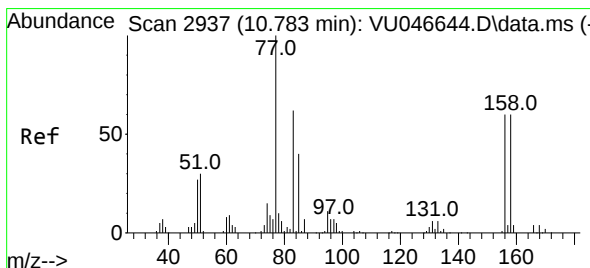
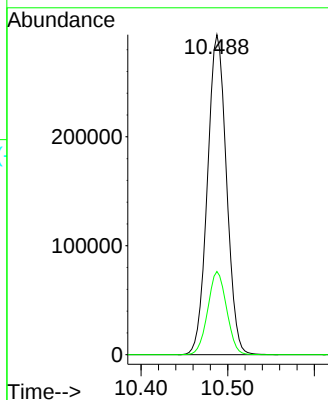
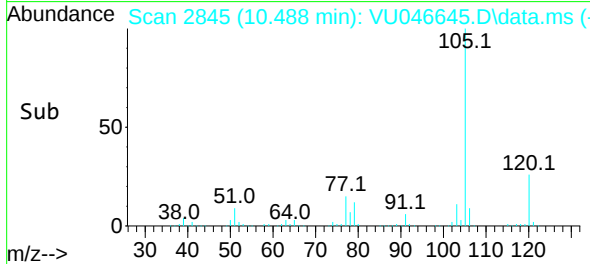
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



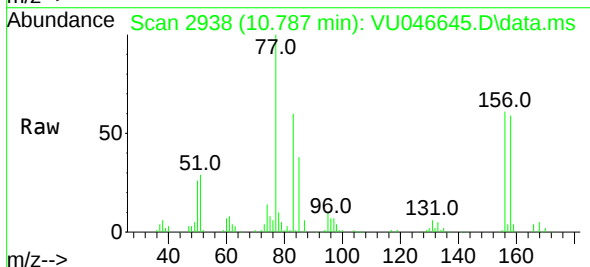
Tgt Ion:105 Resp: 449240
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4

Manual Integrations
APPROVED

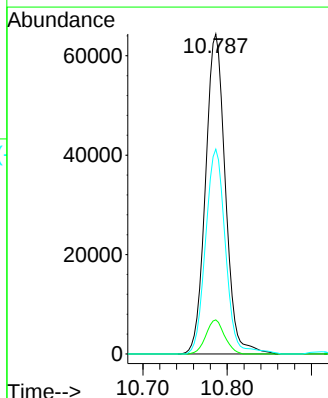
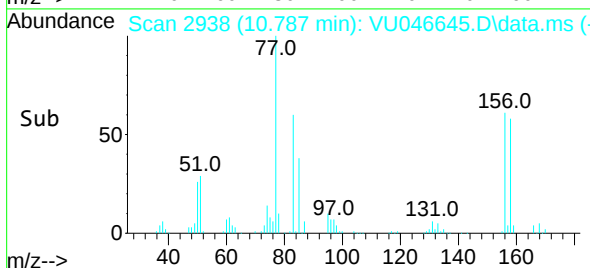
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

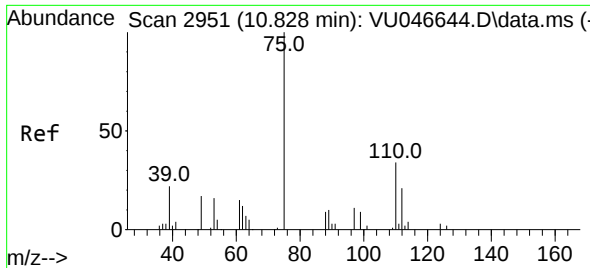


#70
1,1,2,2-Tetrachloroethane
Concen: 14.620 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



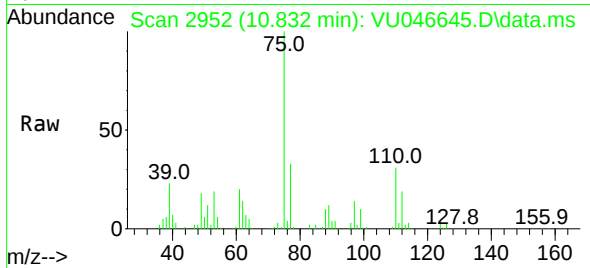
Tgt Ion: 83 Resp: 105335
Ion Ratio Lower Upper
83 100
131 10.0 7.6 11.4
85 64.4 50.9 76.3





#71
1,2,3-Trichloropropane
Concen: 16.511 ug/l m
RT: 10.832 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

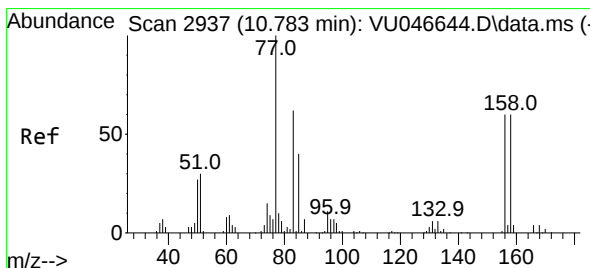
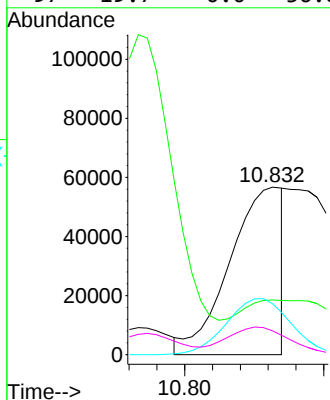
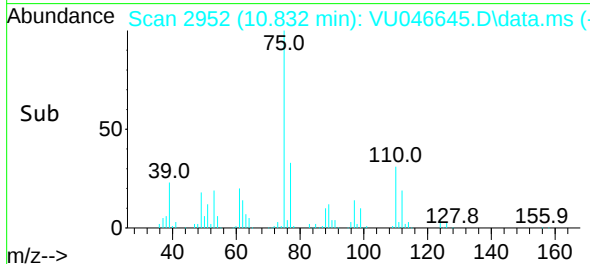
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



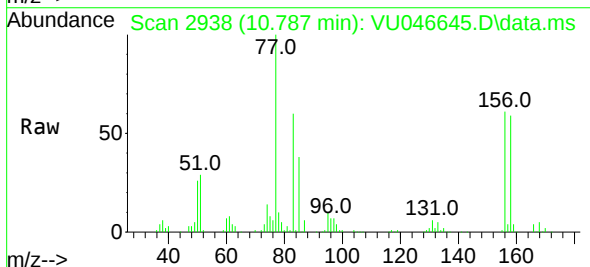
Tgt Ion: 75 Resp: 75200
Ion Ratio Lower Upper
75 100
77 58.7 0.0 105.6
110 40.9 0.0 71.2
97 19.7 0.0 36.8

Manual Integrations
APPROVED

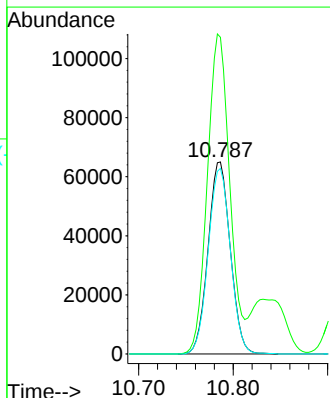
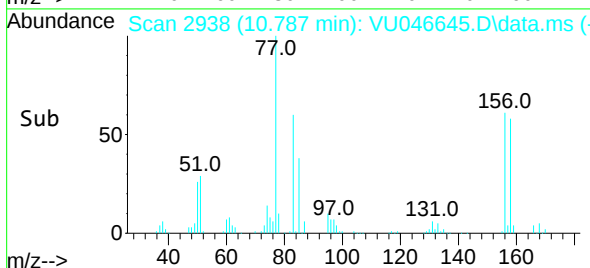
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

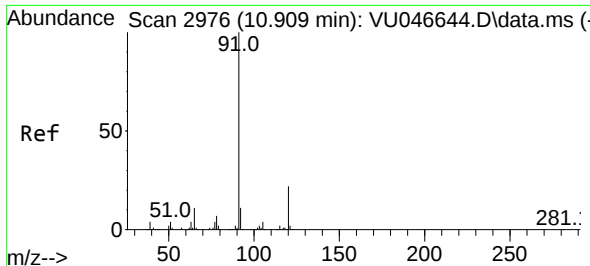


#72
Bromobenzene
Concen: 15.687 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



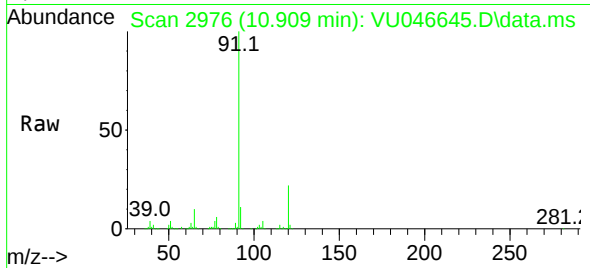
Tgt Ion:156 Resp: 105963
Ion Ratio Lower Upper
156 100
77 167.6 0.0 370.6
158 96.7 0.0 193.4





#73
n-propylbenzene
Concen: 17.558 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

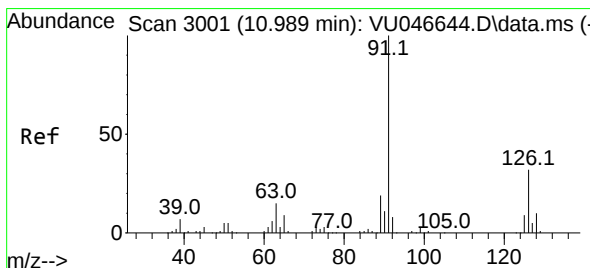
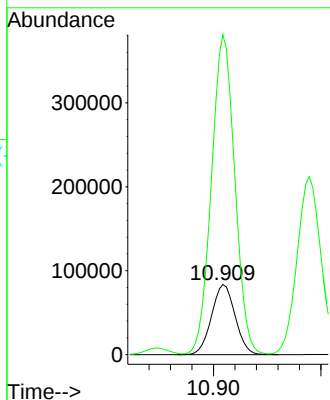
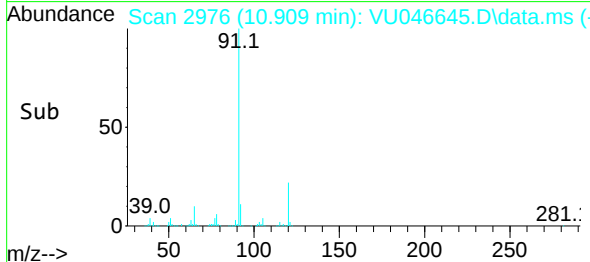
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



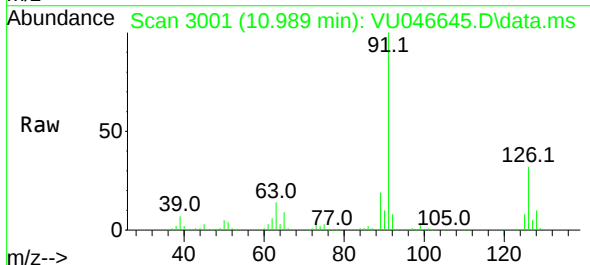
Tgt Ion:120 Resp: 127170
Ion Ratio Lower Upper
120 100
91 451.8 370.7 556.1

Manual Integrations
APPROVED

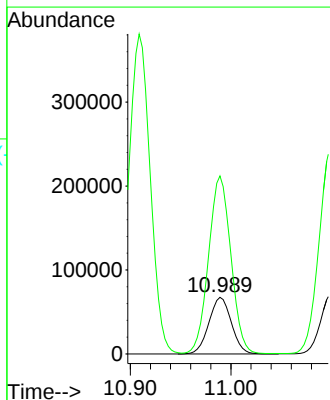
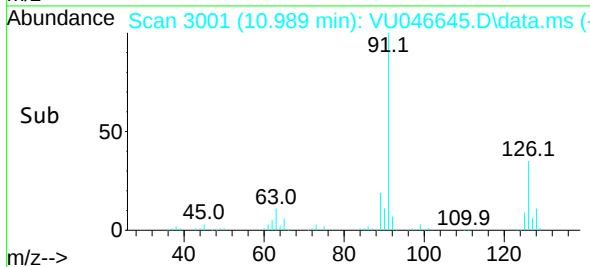
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

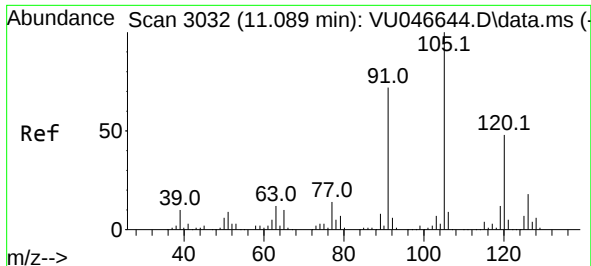


#74
2-Chlorotoluene
Concen: 16.632 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



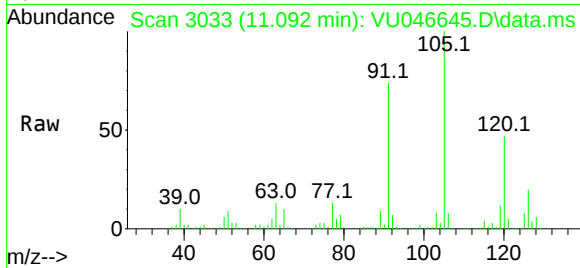
Tgt Ion:126 Resp: 104627
Ion Ratio Lower Upper
126 100
91 311.6 0.0 639.6





#75
1,3,5-Trimethylbenzene
Concen: 18.126 ug/l
RT: 11.092 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

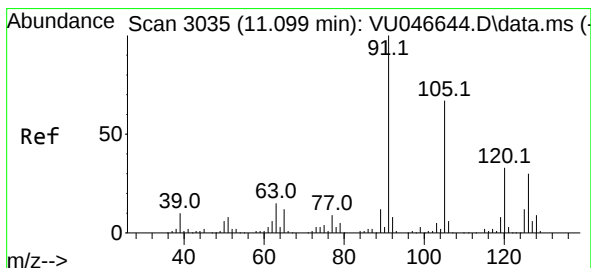
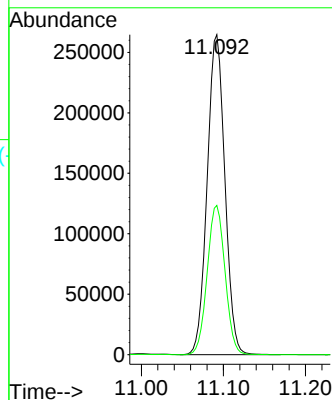
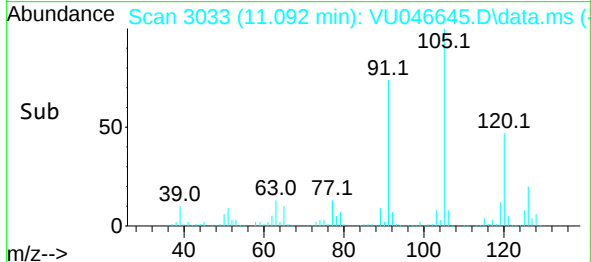
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



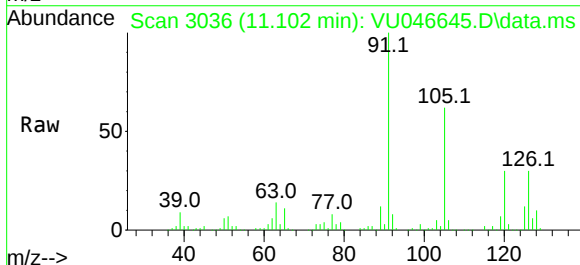
Tgt Ion:105 Resp: 396314
Ion Ratio Lower Upper
105 100
120 47.1 38.6 58.0

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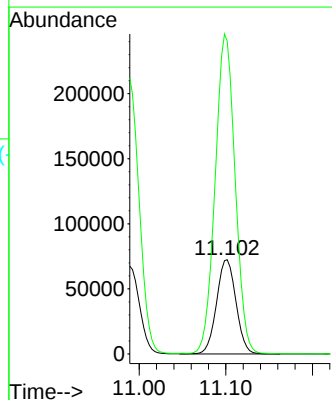
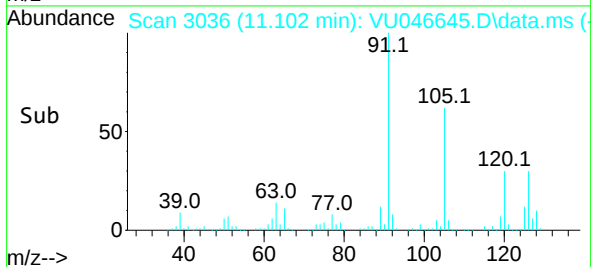
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

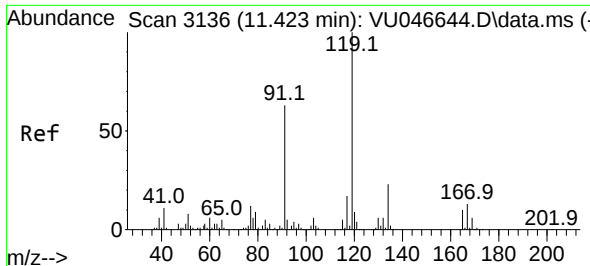


#76
4-Chlorotoluene
Concen: 16.933 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



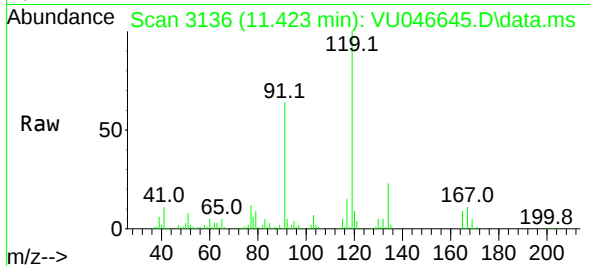
Tgt Ion:126 Resp: 112809
Ion Ratio Lower Upper
126 100
91 349.0 0.0 728.0





#77
tert-Butylbenzene
Concen: 17.591 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

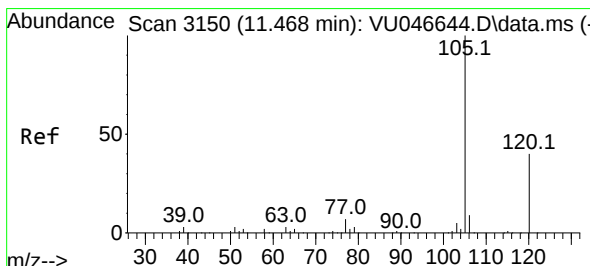
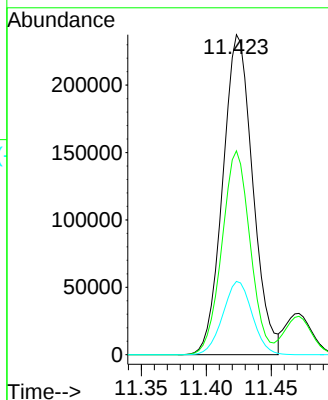
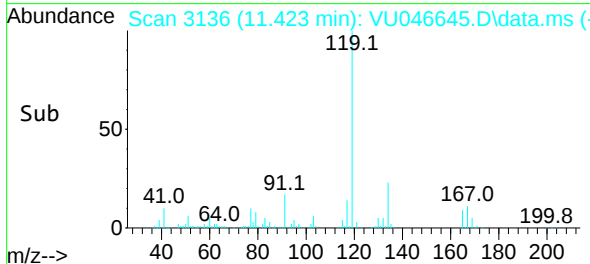
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



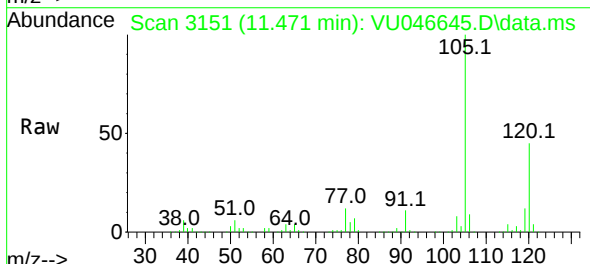
Tgt Ion:119 Resp: 381872
Ion Ratio Lower Upper
119 100
91 60.2 31.4 94.3
134 22.4 18.5 27.7

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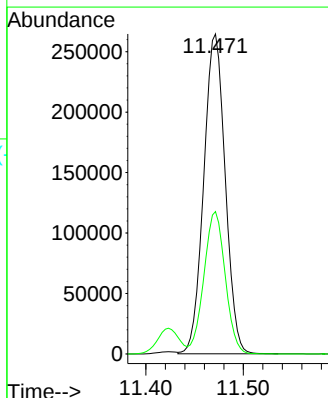
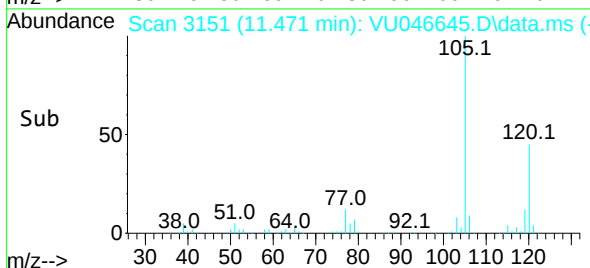
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

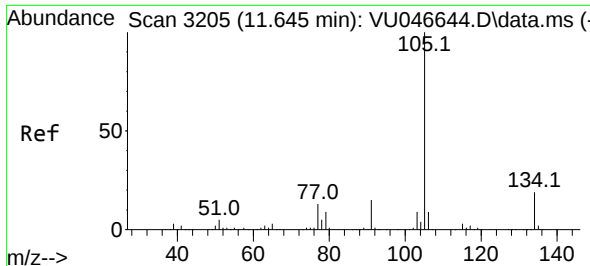


#78
1,2,4-Trimethylbenzene
Concen: 18.149 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



Tgt Ion:105 Resp: 405038
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8





#79
 sec-Butylbenzene
 Concen: 17.742 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU046645.D
 Acq: 30 Dec 2021 12:16

Instrument :

MSVOA_U

ClientSampleId :

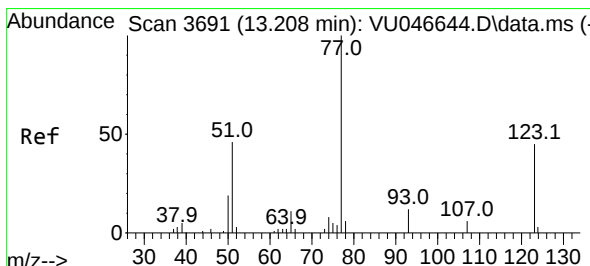
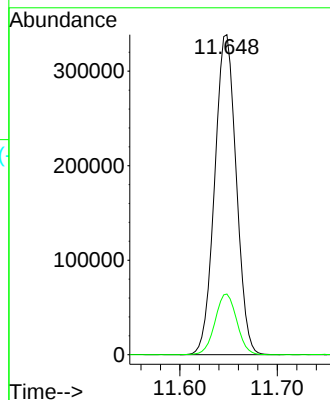
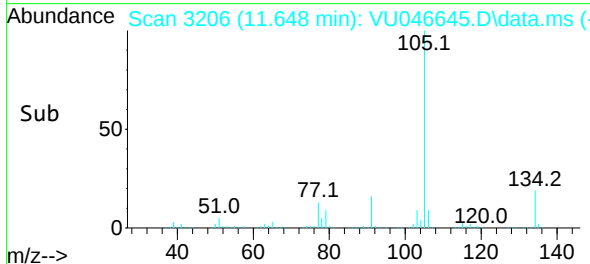
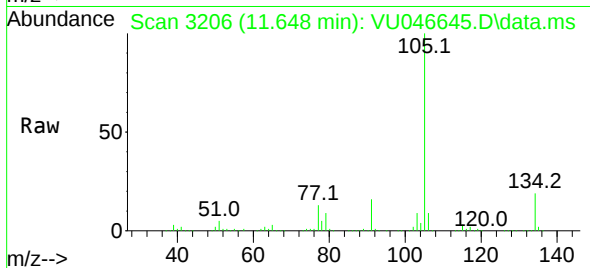
VSTDIC015

Tgt Ion:105 Resp: 52094
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0

Manual Integrations

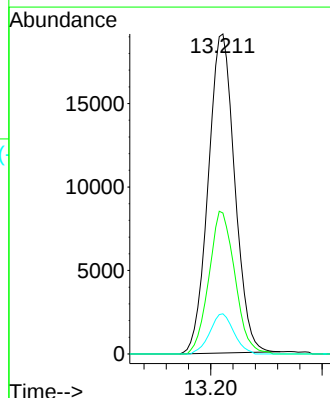
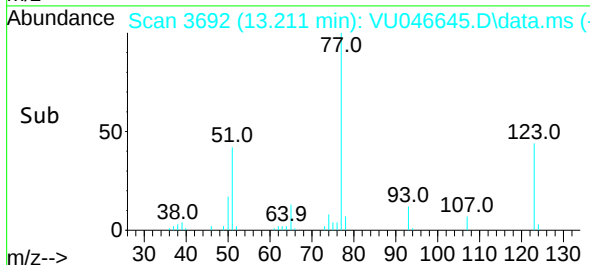
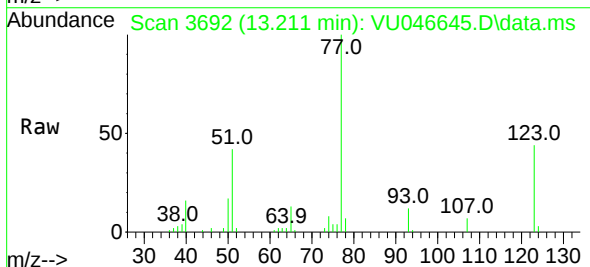
APPROVED

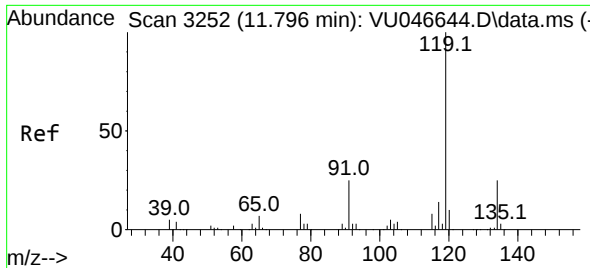
Reviewed By :Semsettin Yesilyurt 12/31/2021
 Supervised By :Mahesh Dadoda 01/03/2022



#80
 Nitrobenzene
 Concen: 103.319 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.003 min
 Lab File: VU046645.D
 Acq: 30 Dec 2021 12:16

Tgt Ion: 77 Resp: 31510
 Ion Ratio Lower Upper
 77 100
 123 44.0 18.2 64.4
 65 11.5 12.0 15.2#





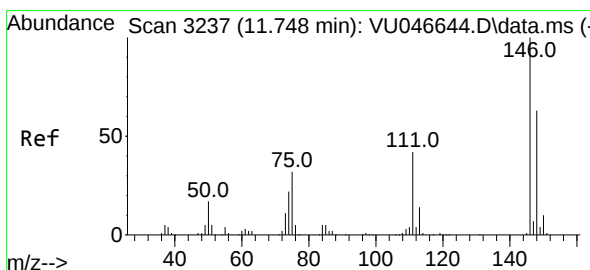
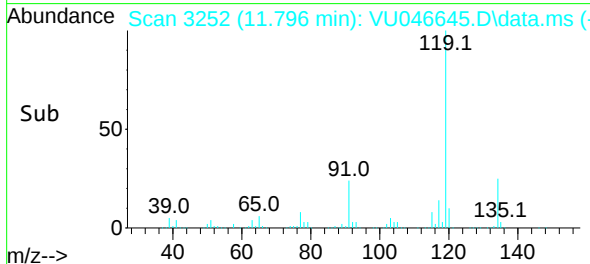
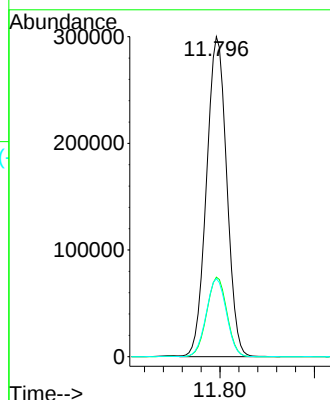
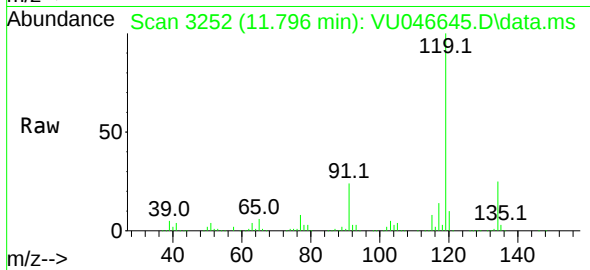
#81
p-Isopropyltoluene
Concen: 18.438 ug/l
RT: 11.796 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:119 Resp: 445494
Ion Ratio Lower Upper
119 100
134 24.8 20.2 30.4
91 24.4 19.9 29.9

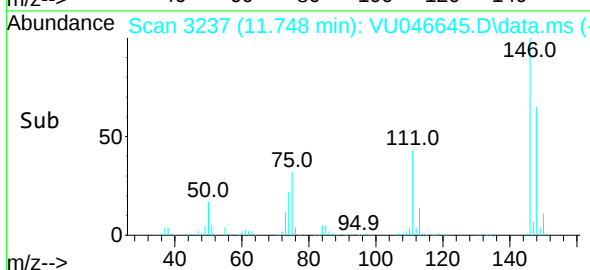
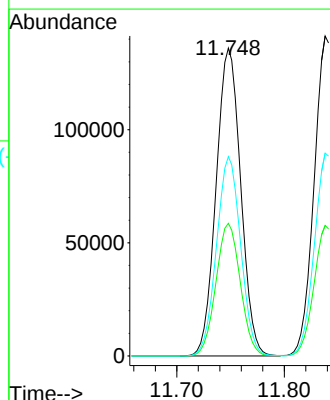
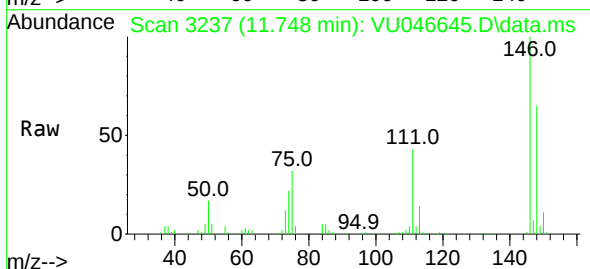
Manual Integrations
APPROVED

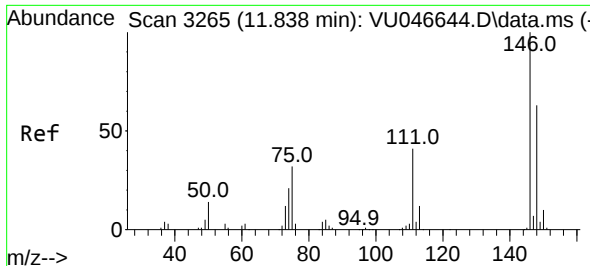
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022



#82
1,3-Dichlorobenzene
Concen: 15.616 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

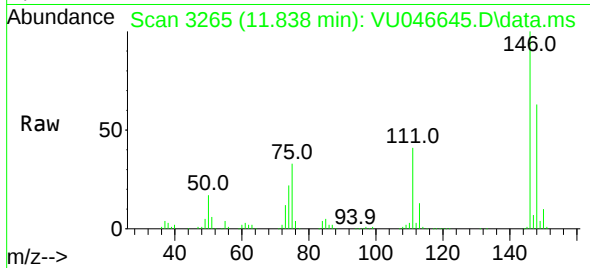
Tgt Ion:146 Resp: 216060
Ion Ratio Lower Upper
146 100
111 42.7 33.9 50.9
148 63.8 50.9 76.3





#83
1,4-Dichlorobenzene
Concen: 15.846 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

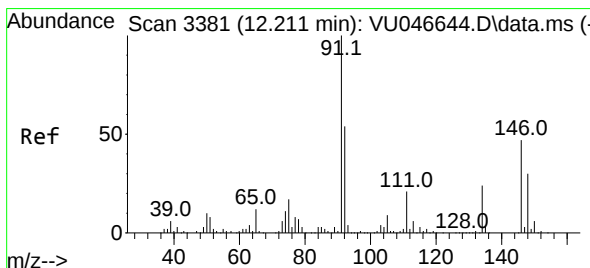
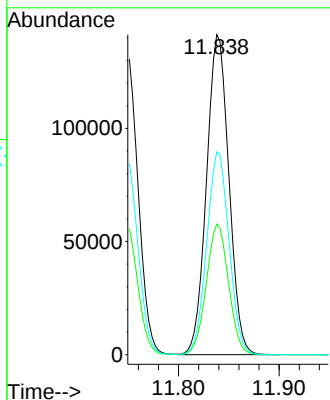
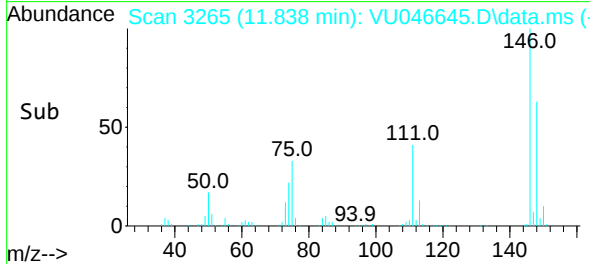
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



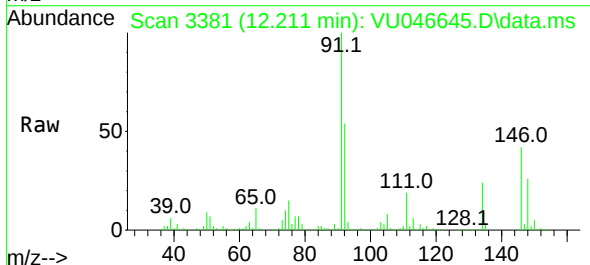
Tgt Ion:146 Resp: 218780
Ion Ratio Lower Upper
146 100
111 40.5 32.7 49.1
148 63.5 51.4 77.0

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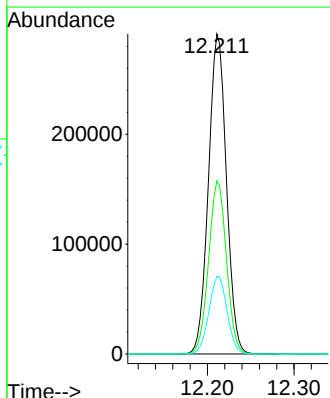
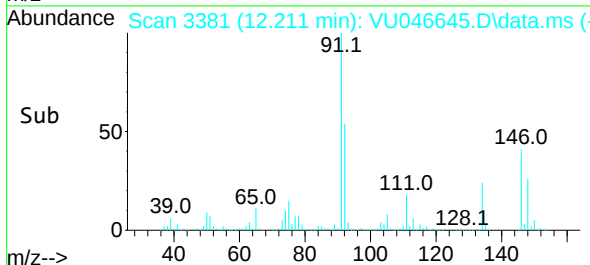
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

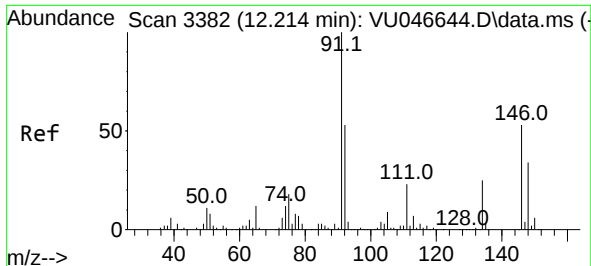


#84
n-Butylbenzene
Concen: 18.065 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



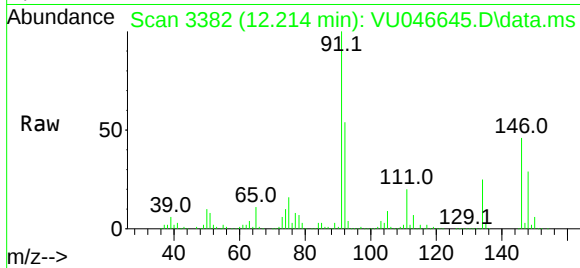
Tgt Ion: 91 Resp: 420073
Ion Ratio Lower Upper
91 100
92 53.8 43.5 65.3
134 24.6 19.0 28.4





#85
1,2-Dichlorobenzene
Concen: 15.708 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

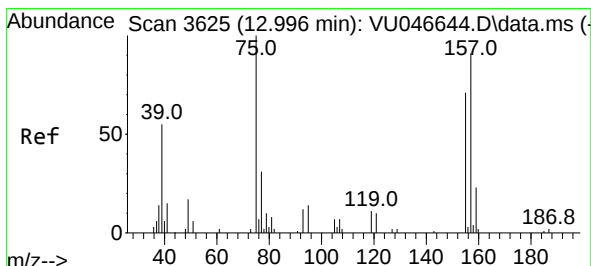
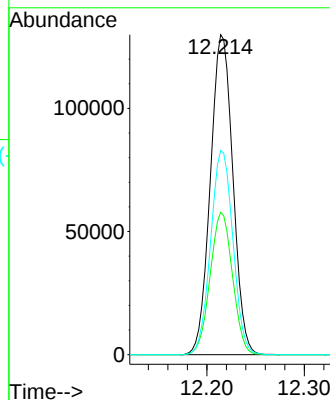
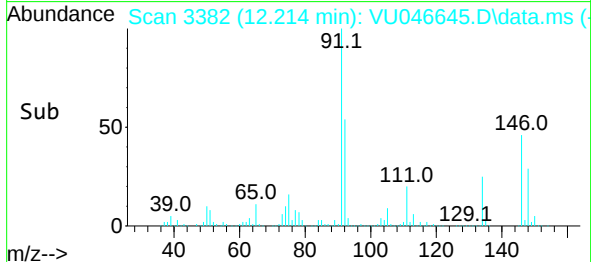
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



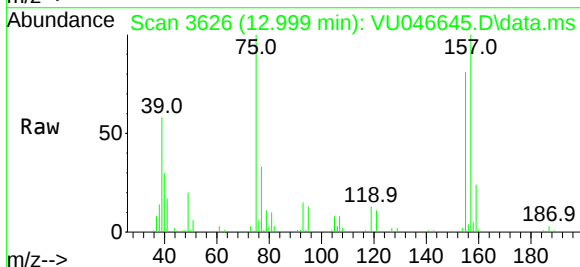
Tgt Ion:146 Resp: 20862
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.1
148 63.4 31.6 94.7

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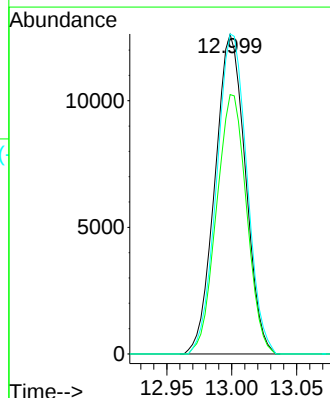
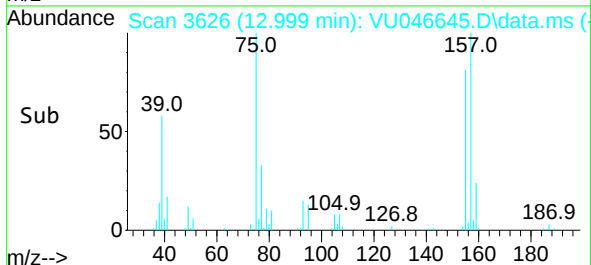
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

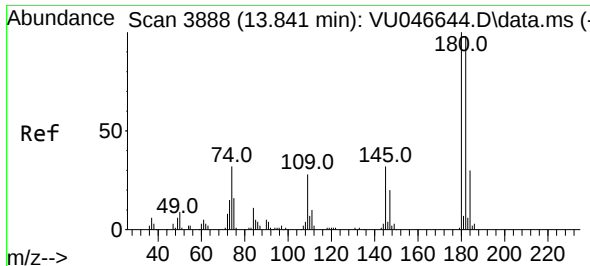


#86
1,2-Dibromo-3-Chloropropane
Concen: 15.274 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



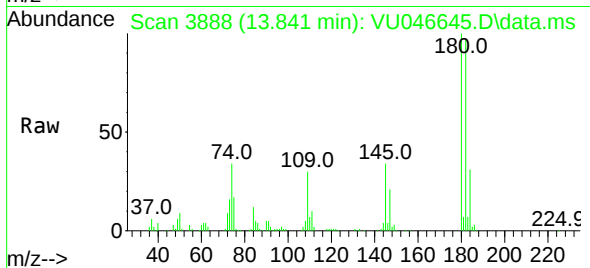
Tgt Ion: 75 Resp: 20537
Ion Ratio Lower Upper
75 100
155 80.1 57.8 86.8
157 99.4 75.1 112.7





#87
1,2,4-Trichlorobenzene
Concen: 17.431 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

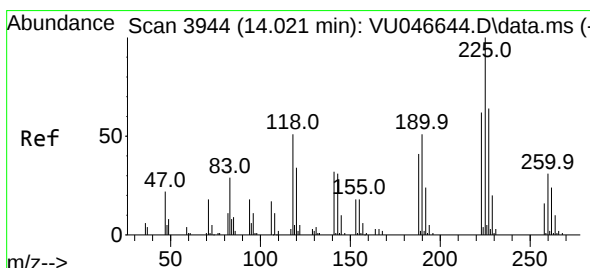
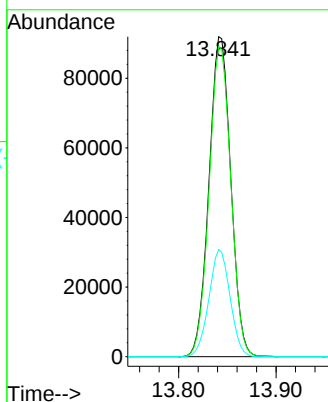
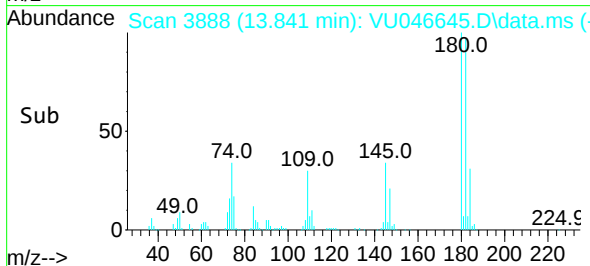
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



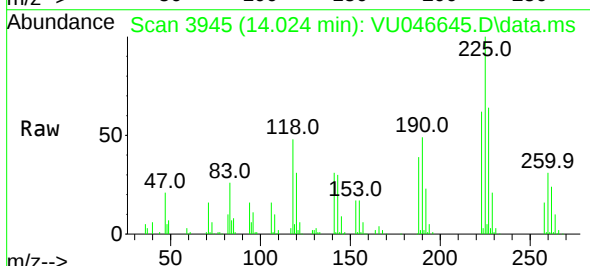
Tgt Ion:180 Resp: 142998
Ion Ratio Lower Upper
180 100
182 96.7 75.8 113.8
145 32.5 25.3 37.9

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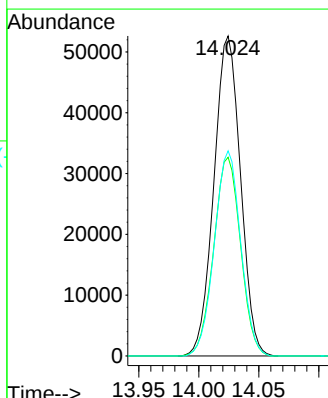
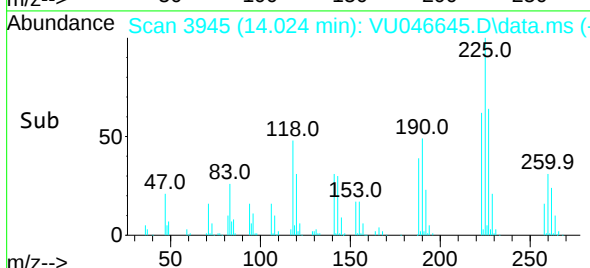
Reviewed By :Semsettin Yesilyurt 12/31/2021
Supervised By :Mahesh Dadoda 01/03/2022

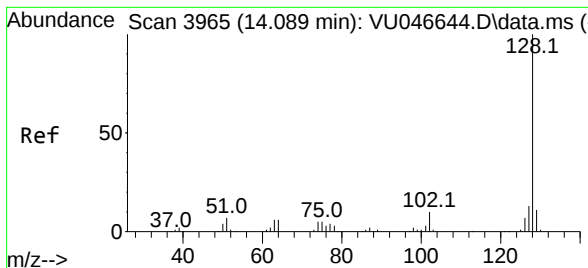


#88
Hexachlorobutadiene
Concen: 16.335 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



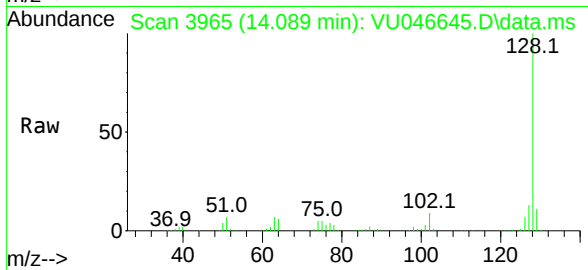
Tgt Ion:225 Resp: 81055
Ion Ratio Lower Upper
225 100
223 62.6 51.1 76.7
227 63.6 49.9 74.9





#89
Naphthalene
Concen: 19.582 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16

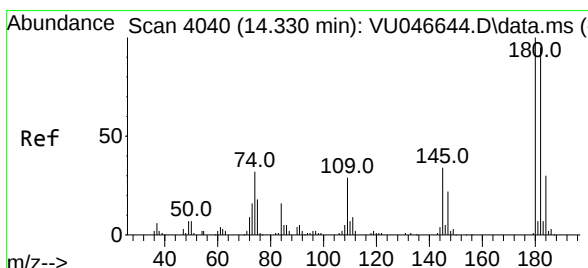
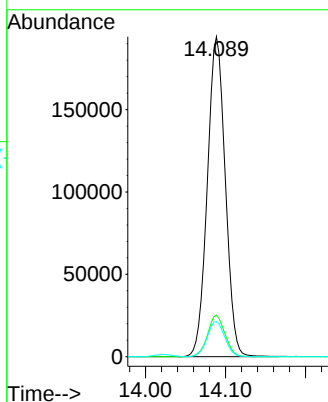
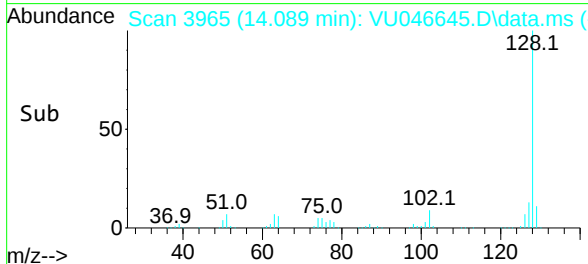
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



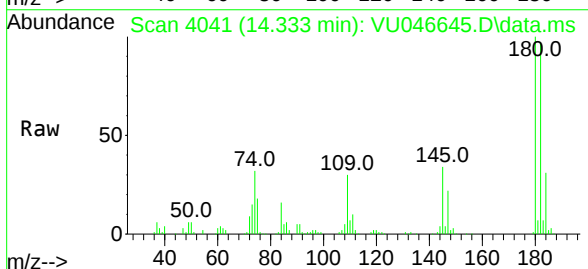
Tgt Ion:128 Resp: 303119
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 16.988 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU046645.D
Acq: 30 Dec 2021 12:16



Tgt Ion:180 Resp: 135733
Ion Ratio Lower Upper
180 100
182 95.6 75.4 113.0
145 33.9 27.0 40.4

