

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072523\
 Data File : VU054871.D
 Acq On : 25 Jul 2023 16:40
 Operator : MD/SY
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

Quant Time: Jul 26 09:26:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 08:39:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	27301	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	8584	1.037	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9644	1.031	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	80250	15.437	ug/l	99
3) Chloromethane	1.518	50	86233	14.766	ug/l	99
4) Vinyl Chloride	1.599	62	121041	15.519	ug/l	97
5) Bromomethane	1.853	94	97747	15.797	ug/l	99
6) Chloroethane	1.930	64	137209	17.021	ug/l	97
7) Trichlorofluoromethane	2.132	101	279568	15.258	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	89397	15.055	ug/l	99
9) 1,1-Dichloroethene	2.573	96	70632	14.985	ug/l	97
10) Iodomethane	2.714	142	112111	15.236	ug/l	99
11) Allyl Chloride	2.917	41	83334	14.794	ug/l	100
12) Acrylonitrile	3.319	53	37742	31.863	ug/l #	89
14) Carbon Disulfide	2.788	76	117115	14.342	ug/l	99
15) Methylene Chloride	3.039	84	91974	15.318	ug/l	96
16) trans-1,2-Dichloroethene	3.348	96	79422	15.478	ug/l	92
17) 1,1-Dichloroethane	3.862	63	169820	14.798	ug/l	98
18) 2-Butanone	4.708	43	111488	68.814	ug/l	95
19) Cyclohexane	5.383	56	96811	14.992	ug/l	91
20) Methylcyclohexane	6.759	83	135960	15.745	ug/l	98
21) 2,2-Dichloropropane	4.660	77	161602	15.191	ug/l	100
22) cis-1,2-Dichloroethene	4.660	96	105860	15.524	ug/l	98
23) Diethyl Ether	2.374	59	105490	15.170	ug/l	100
24) tert-Butyl Alcohol	3.235	59	81443m	125.754	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	224771	15.411	ug/l	96
26) Bromochloromethane	4.968	128	42622	15.240	ug/l	98
27) Chloroform	5.084	83	190840	15.484	ug/l	97
28) 1,1,1-Trichloroethane	5.312	97	162231	15.241	ug/l	99
29) 1,1-Dichloropropene	5.521	75	118846	15.135	ug/l	99
30) Carbon Tetrachloride	5.521	117	136156	15.324	ug/l	97
31) Isopropyl Ether	3.988	45	261903	15.461	ug/l	99
32) Ethyl-t-butyl ether	4.496	59	268703	15.406	ug/l	99
33) Tert-Amyl methyl ether	5.936	73	253508	15.373	ug/l	99
34) Propionitrile	4.792	54	40534	90.746	ug/l #	95
35) Benzene	5.769	78	373554	15.192	ug/l	98
36) 1,2-Dichloroethane	5.792	62	109098	15.596	ug/l	98
37) Trichloroethene	6.537	130	101687	15.376	ug/l	97
38) 1,2-Dichloropropane	6.788	63	106435	15.312	ug/l	98
39) Methacrylonitrile	4.972	41	26350	15.191	ug/l	97
40) Methyl acrylate	4.843	55	41623	15.121	ug/l #	92
41) Tetrahydrofuran	5.065	42	28691	28.749	ug/l	98
42) 1-Chlorobutane	5.454	56	153404	14.920	ug/l	100
43) Dibromomethane	6.917	93	51305	15.714	ug/l	100
44) Bromodichloromethane	7.103	83	144338	15.867	ug/l #	99
45) 4-Methyl-2-Pentanone	7.788	43	301614	79.172	ug/l	100

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Instrument :
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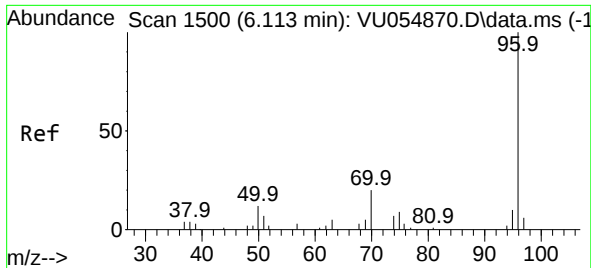
Manual Integrations
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 Supervised By :Semsettin Yesilyurt 07/28/2023

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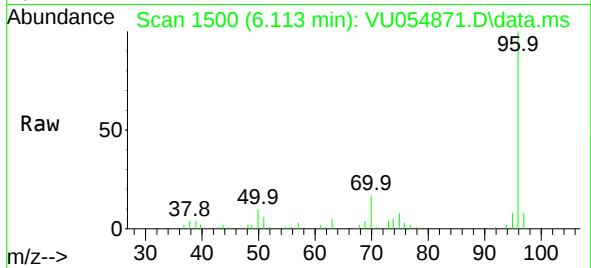
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.830	75	56782m	36.489	ug/l	
47) Methyl methacrylate	6.959	69	100048	33.518	ug/l	98
48) Ethyl methacrylate	8.332	69	99835	16.536	ug/l	98
49) Toluene	7.965	92	247917	15.827	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	132063	16.352	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	158474	15.964	ug/l	99
52) 1,1,2-Trichloroethane	8.396	97	77982	15.066	ug/l	94
53) 1,3-Dichloropropane	8.573	76	132408	15.814	ug/l	99
54) 2-Hexanone	8.682	43	210241	77.665	ug/l	99
55) Dibromochloromethane	8.807	129	95188	16.051	ug/l	99
56) 1,2-Dibromoethane	8.920	107	70932	16.171	ug/l	99
58) Tetrachloroethene	8.550	164	81149	14.057	ug/l	97
59) Chlorobenzene	9.444	112	294923	15.515	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.531	131	107717	16.050	ug/l	97
61) Pentachloroethane	11.425	117	96329	18.373	ug/l	98
62) Hexachloroethane	12.473	117	93471	17.336	ug/l	96
63) Ethyl Benzene	9.566	91	512460	16.066	ug/l	99
64) m/p-Xylenes	9.692	106	388909	32.589	ug/l	98
65) o-Xylene	10.097	106	197997	16.153	ug/l	96
66) Styrene	10.110	104	324171	16.541	ug/l	99
67) Bromoform	10.287	173	54079	17.585	ug/l	99
69) Isopropylbenzene	10.479	105	530759	16.129	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	103966	16.228	ug/l	98
71) 1,2,3-Trichloropropane	10.827	75	69389m	15.088	ug/l	
72) Bromobenzene	10.778	156	122777	16.757	ug/l	99
73) n-propylbenzene	10.904	120	147013	16.693	ug/l	96
74) 2-Chlorotoluene	10.984	126	124422	16.320	ug/l	100
75) 1,3,5-Trimethylbenzene	11.084	105	448534	16.831	ug/l	99
76) 4-Chlorotoluene	11.094	126	132740	16.758	ug/l	99
77) tert-Butylbenzene	11.418	119	464128	16.747	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	458574	16.809	ug/l	99
79) sec-Butylbenzene	11.640	105	608534	16.891	ug/l	100
80) Nitrobenzene	13.206	77	15586	92.603	ug/l #	99
81) p-Isopropyltoluene	11.791	119	505776	17.788	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	250986	16.091	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	255140	16.409	ug/l	99
84) n-Butylbenzene	12.206	91	493196	19.311	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	241118	16.126	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	14473	16.992	ug/l	99
87) 1,2,4-Trichlorobenzene	13.836	180	162266	17.015	ug/l	98
88) Hexachlorobutadiene	14.016	225	87797	17.262	ug/l	98
89) Naphthalene	14.084	128	262579	17.781	ug/l	100
90) 1,2,3-Trichlorobenzene	14.325	180	143027	16.904	ug/l	98

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

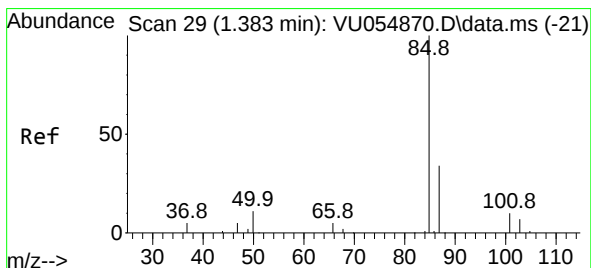
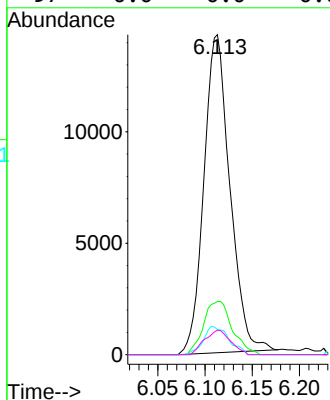
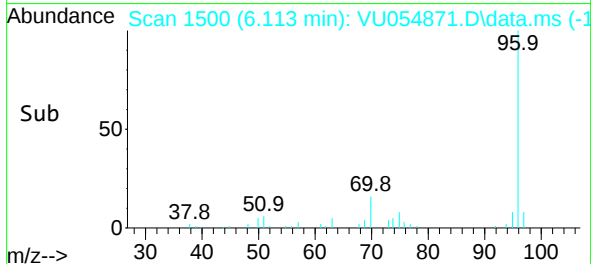
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



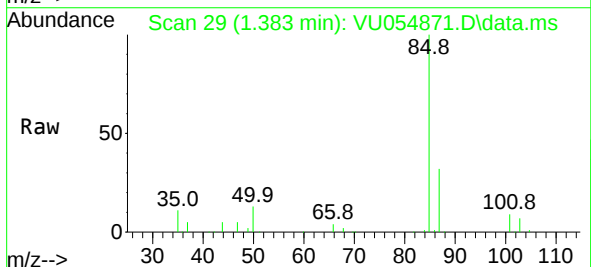
Tgt Ion: 96 Resp: 2730
Ion Ratio Lower Upper
96 100
70 18.4 14.0 21.0
95 8.7 8.7 13.1
97 0.0 0.0 0.0

Manual Integrations
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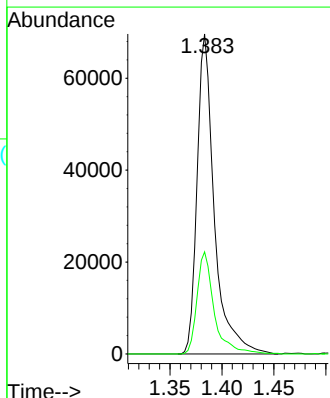
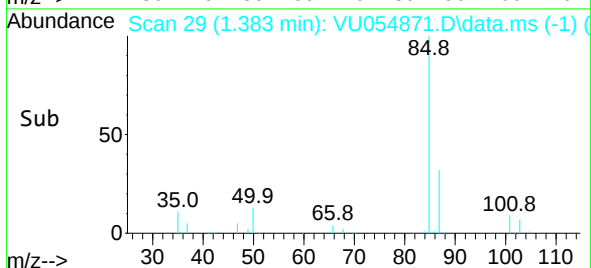
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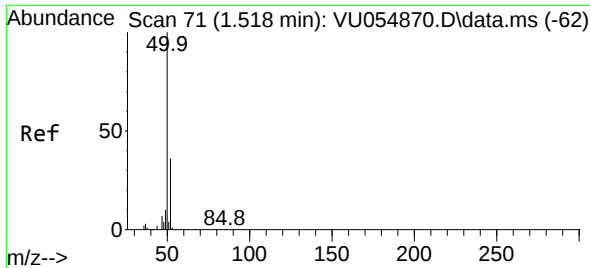


#2
Dichlorodifluoromethane
Concen: 15.437 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40



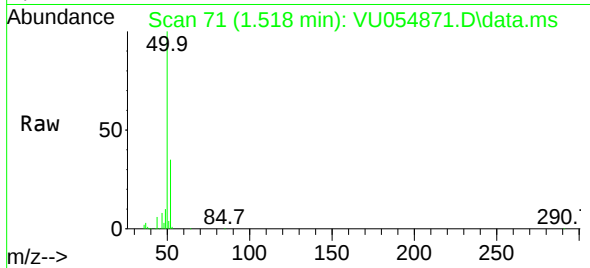
Tgt Ion: 85 Resp: 80250
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.6





#3
Chloromethane
Concen: 14.766 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

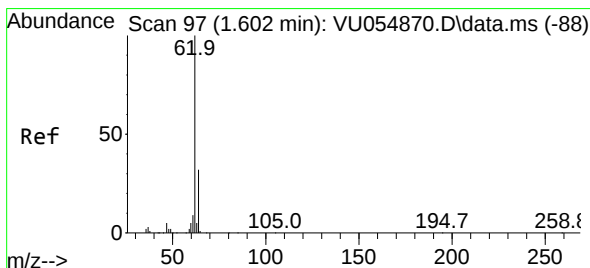
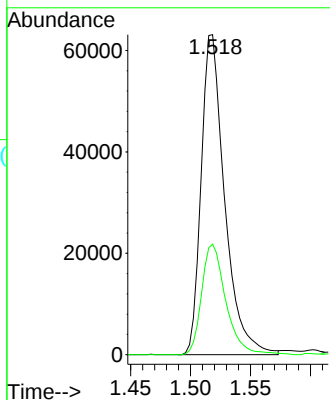
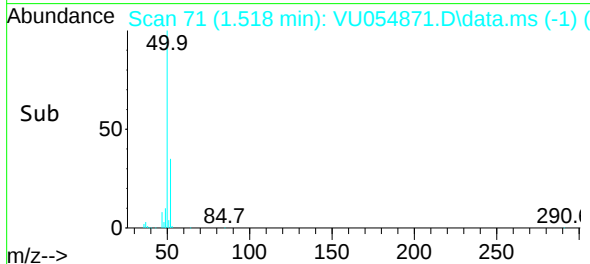
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



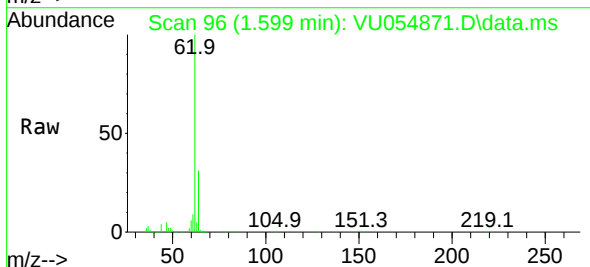
Tgt Ion: 50 Resp: 8623
Ion Ratio Lower Upper
50 100
52 34.5 28.2 42.2

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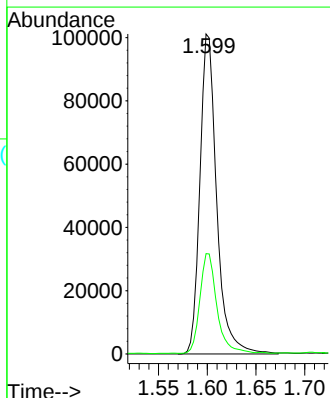
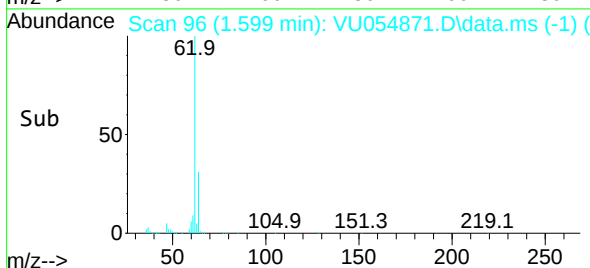
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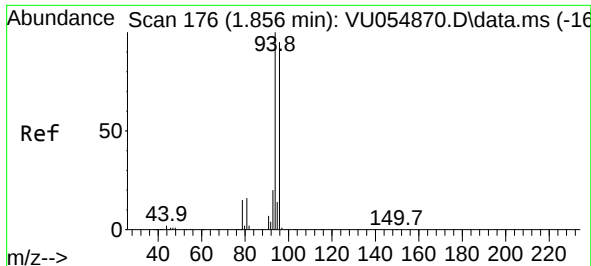


#4
Vinyl Chloride
Concen: 15.519 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40



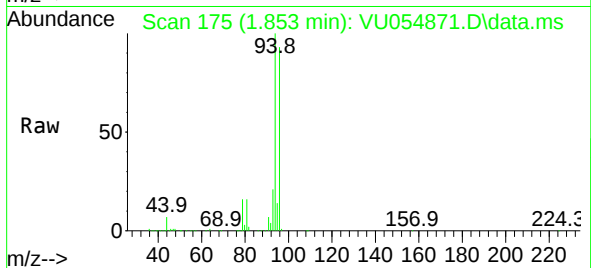
Tgt Ion: 62 Resp: 121041
Ion Ratio Lower Upper
62 100
64 31.1 26.4 39.6





#5
Bromomethane
Concen: 15.797 ug/l
RT: 1.853 min Scan# 176
Delta R.T. -0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

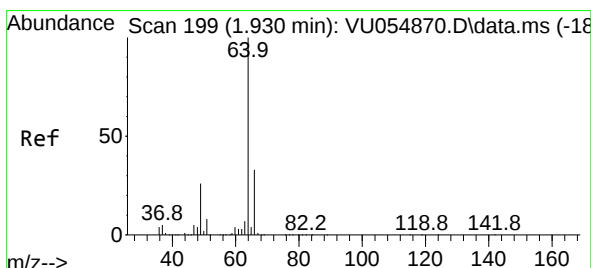
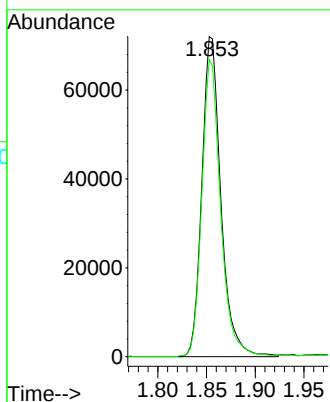
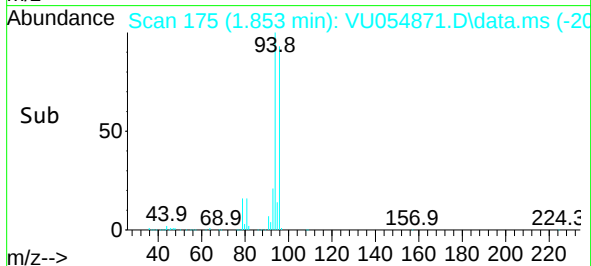
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 94 Resp: 9774
Ion Ratio Lower Upper
94 100
96 92.7 74.6 111.8

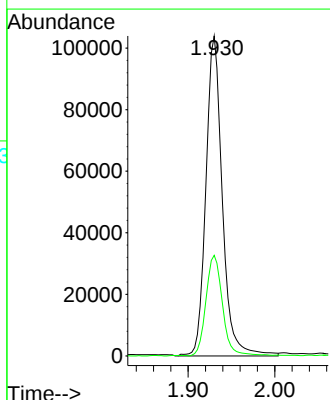
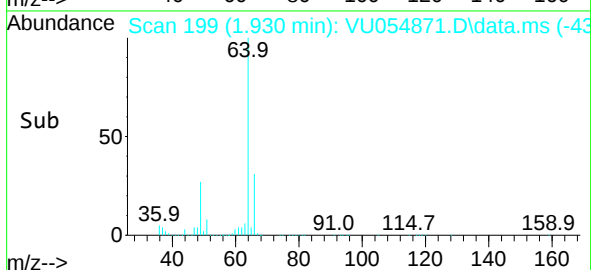
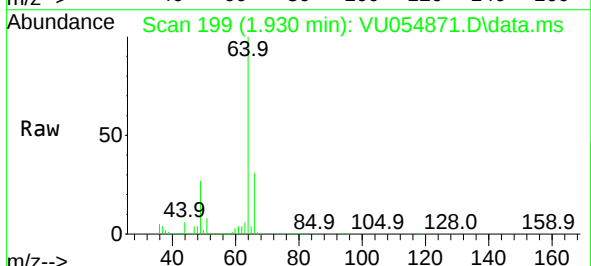
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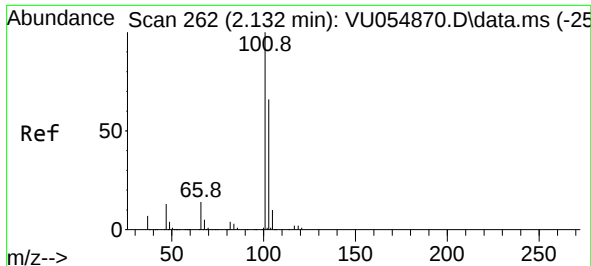
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#6
Chloroethane
Concen: 17.021 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

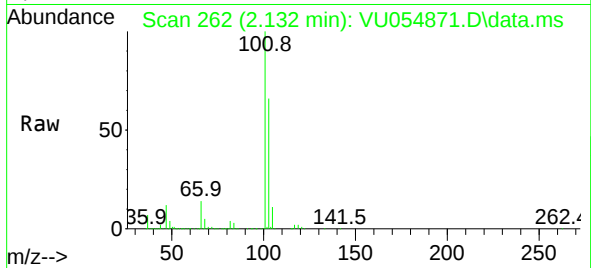
Tgt Ion: 64 Resp: 137209
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 15.258 ug/l
 RT: 2.132 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU054871.D
 Acq: 25 Jul 2023 16:40

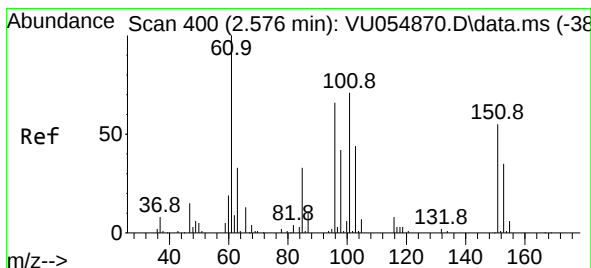
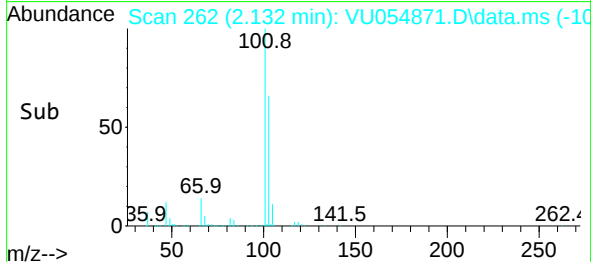
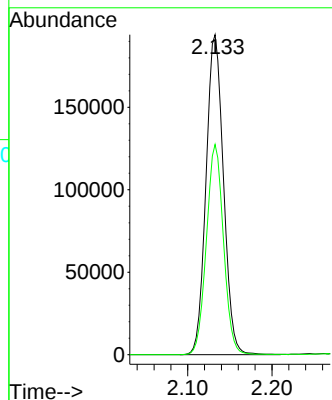
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC015



Tgt Ion:101 Resp: 27956
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.9 79.3

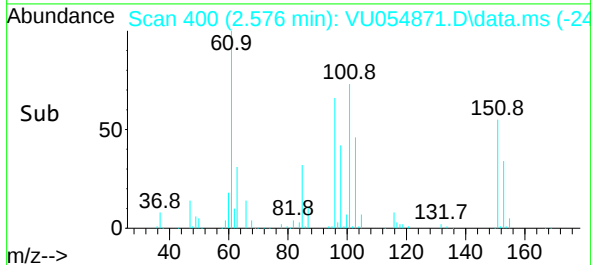
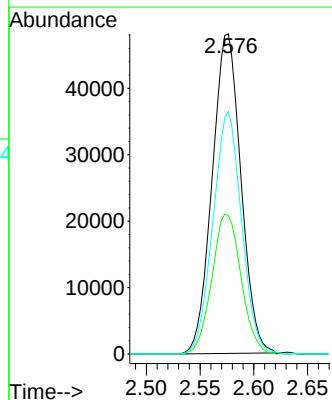
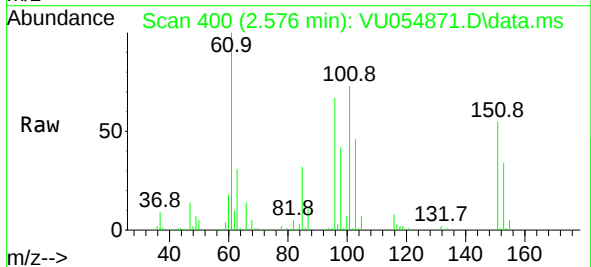
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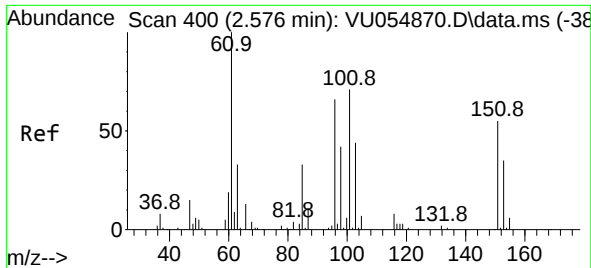
Reviewed By :Mahesh Dadoda 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.055 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU054871.D
 Acq: 25 Jul 2023 16:40

Tgt Ion:101 Resp: 89397
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.8 52.2
 151 75.5 60.5 90.7





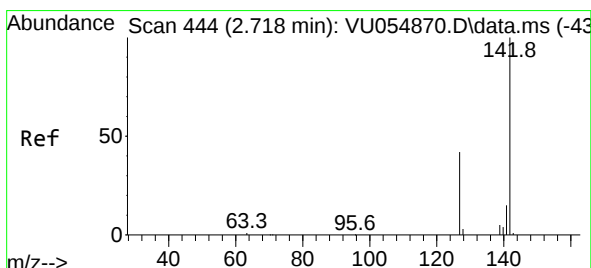
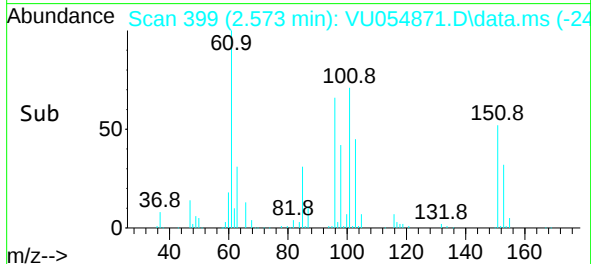
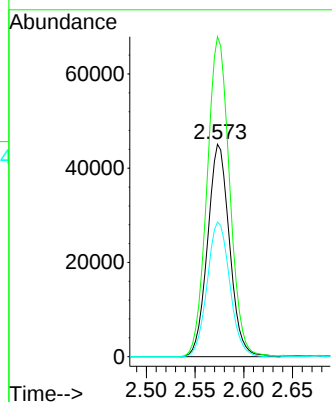
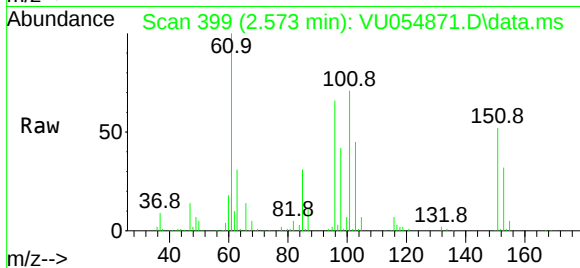
#9
1,1-Dichloroethene
Concen: 14.985 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 96 Resp: 70632
Ion Ratio Lower Upper
96 100
61 150.6 0.0 440.1
98 63.3 0.0 121.8

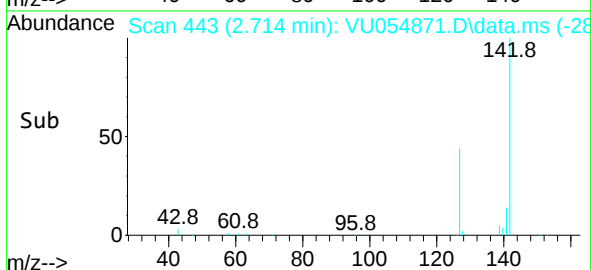
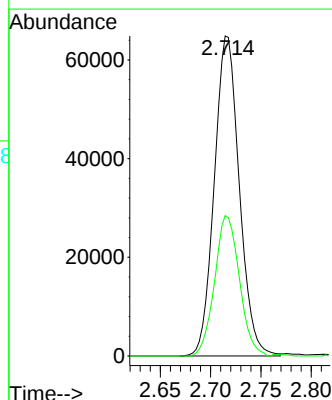
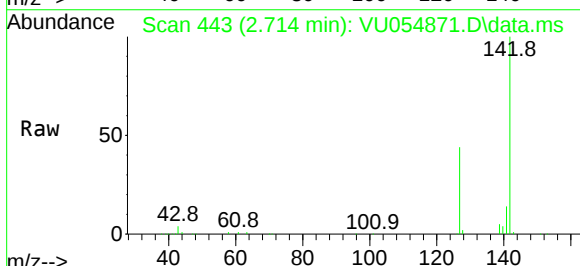
Manual Integrations
APPROVED

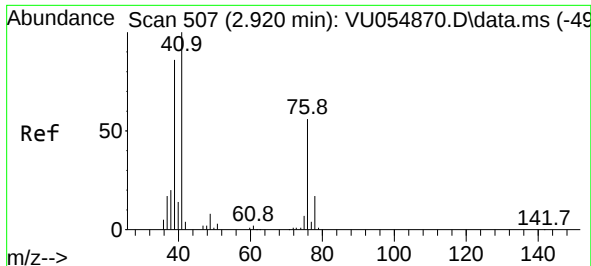
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#10
Iodomethane
Concen: 15.236 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.004 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Tgt Ion:142 Resp: 112111
Ion Ratio Lower Upper
142 100
127 43.4 34.3 51.5





#11

Allyl Chloride

Concen: 14.794 ug/l

RT: 2.917 min Scan# 507

Delta R.T. -0.003 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 41 Resp: 83334

Ion Ratio Lower Upper

41 100

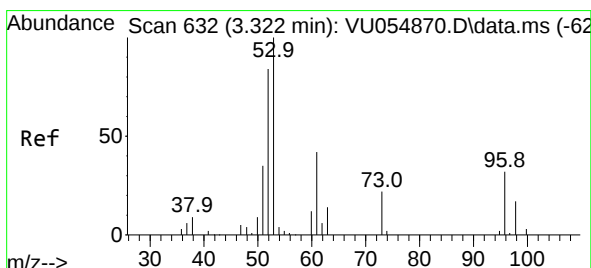
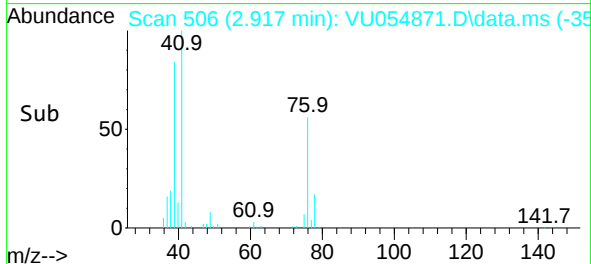
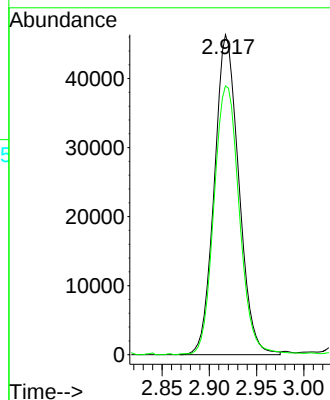
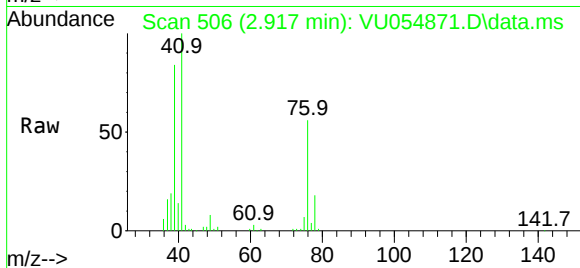
39 87.4 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#12

Acrylonitrile

Concen: 31.863 ug/l

RT: 3.319 min Scan# 631

Delta R.T. -0.003 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

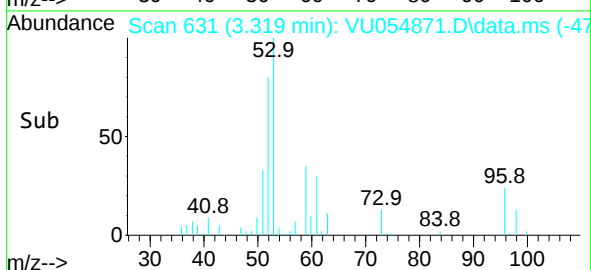
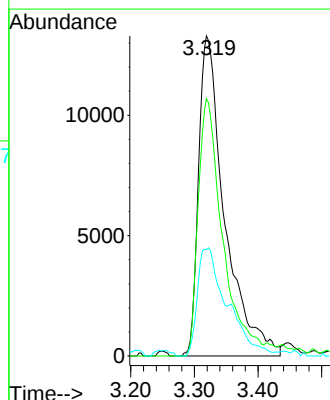
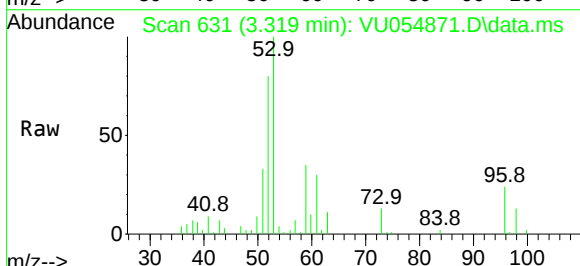
Tgt Ion: 53 Resp: 37742

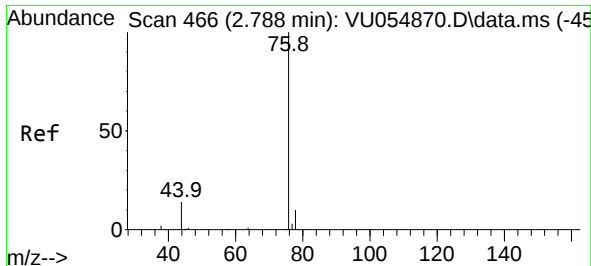
Ion Ratio Lower Upper

53 100

52 75.1 64.2 96.4

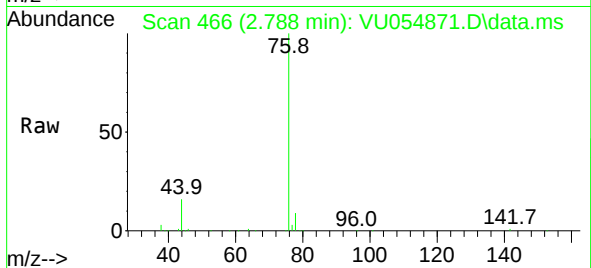
51 28.6 33.6 50.4#





#14
Carbon Disulfide
Concen: 14.342 ug/l
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

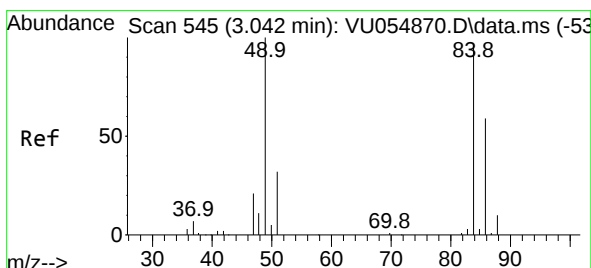
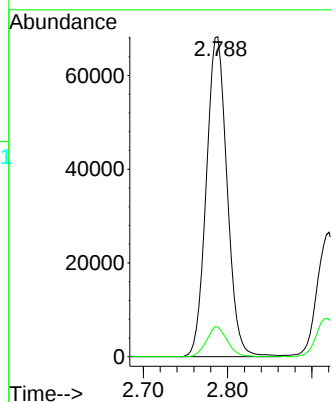
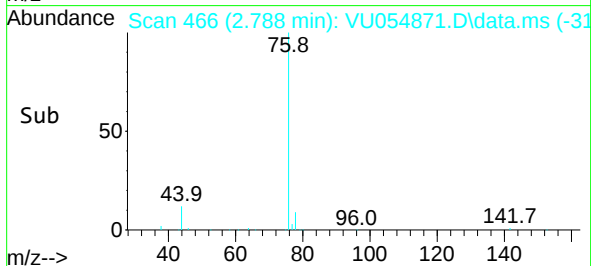
Instrument :
MSVOA_U
Client Sample Id :
VSTDIC015



Tgt Ion: 76 Resp: 117115
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

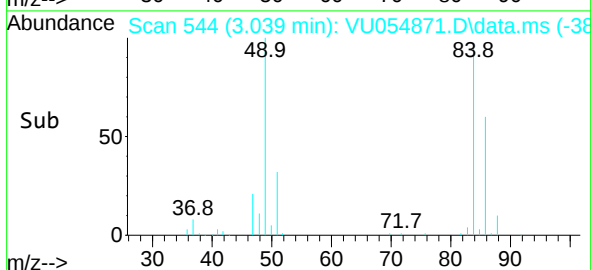
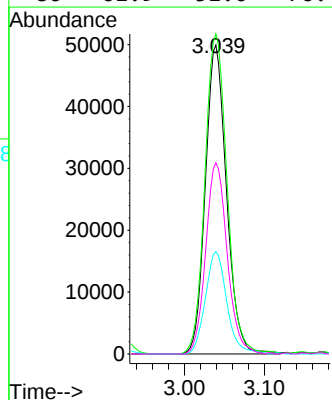
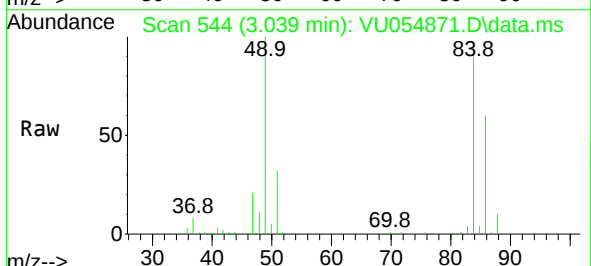
Manual Integrations
APPROVED

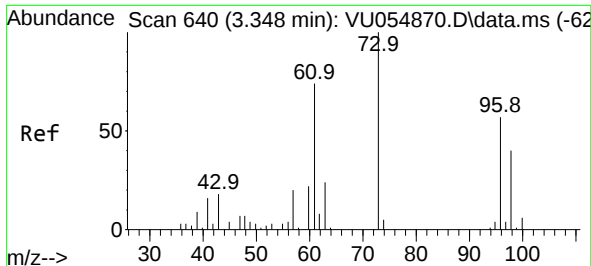
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#15
Methylene Chloride
Concen: 15.318 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

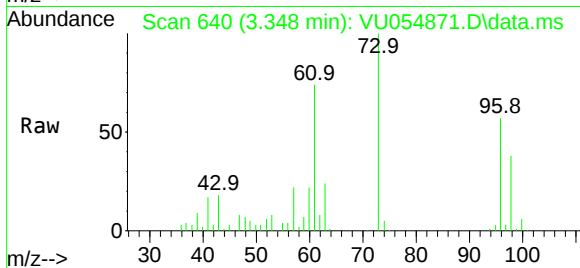
Tgt Ion: 84 Resp: 91974
Ion Ratio Lower Upper
84 100
49 103.6 87.8 131.6
51 33.1 0.0 68.2
86 61.9 51.0 76.4





#16
trans-1,2-Dichloroethene
Concen: 15.478 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

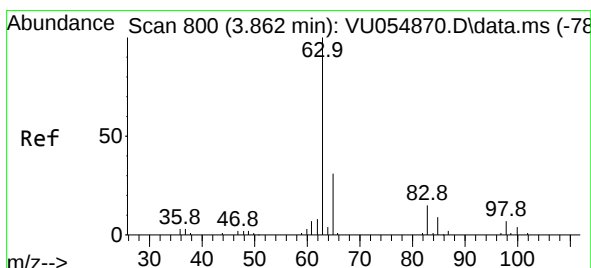
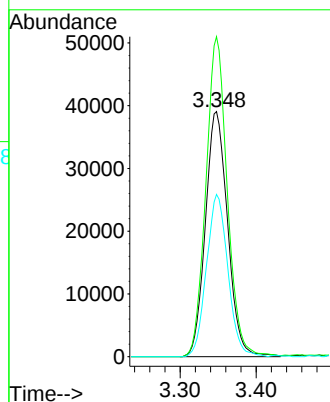
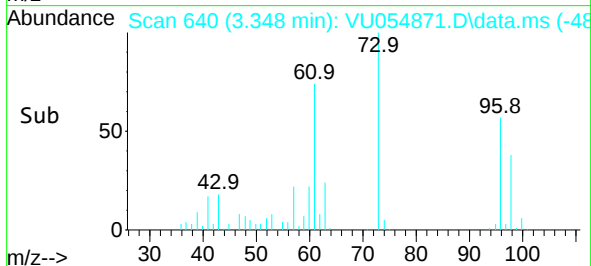
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



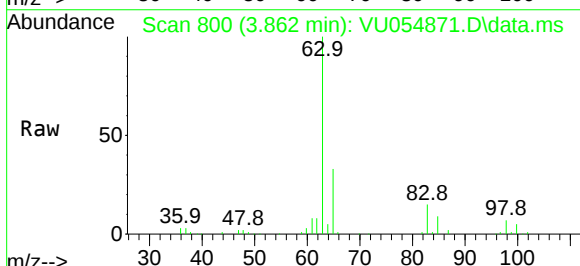
Tgt Ion: 96 Resp: 7942
Ion Ratio Lower Upper
96 100
61 130.6 96.4 144.6
98 66.2 49.3 73.9

Manual Integrations
APPROVED

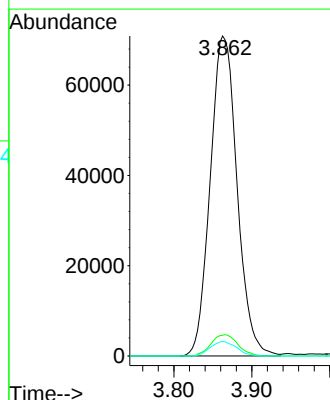
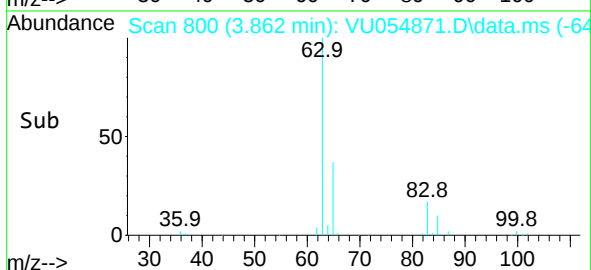
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

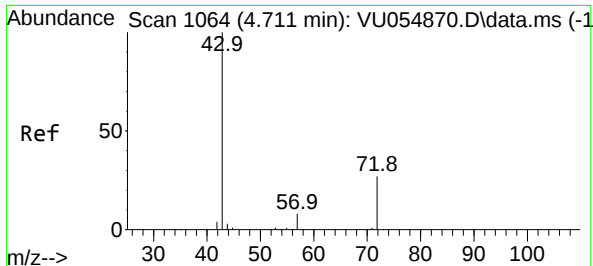


#17
1,1-Dichloroethane
Concen: 14.798 ug/l
RT: 3.862 min Scan# 800
Delta R.T. -0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40



Tgt Ion: 63 Resp: 169820
Ion Ratio Lower Upper
63 100
98 6.5 3.6 10.8
100 4.6 2.8 8.4





#18

2-Butanone

Concen: 68.814 ug/l

RT: 4.708 min Scan# 1063

Delta R.T. -0.006 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 11148

Ion Ratio Lower Upper

43 100

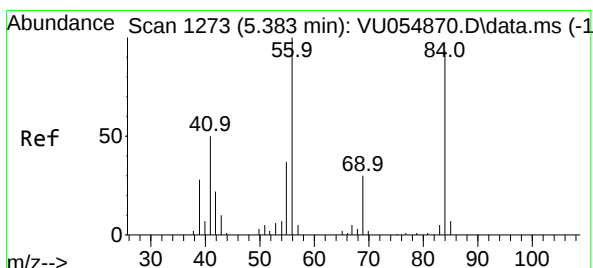
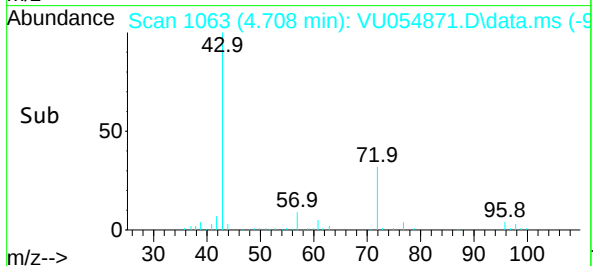
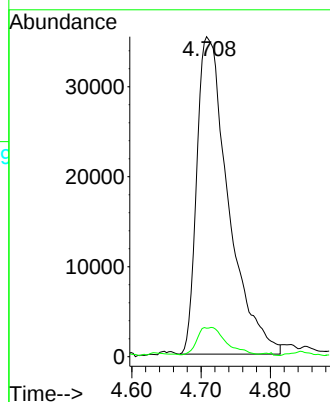
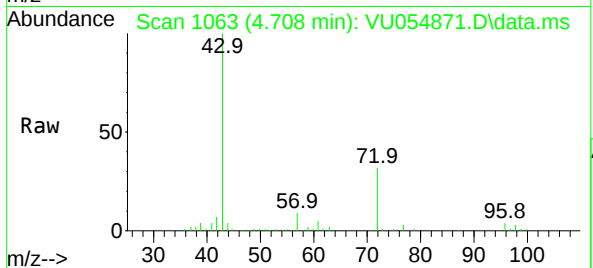
57 8.6 0.0 20.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#19

Cyclohexane

Concen: 14.992 ug/l

RT: 5.383 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

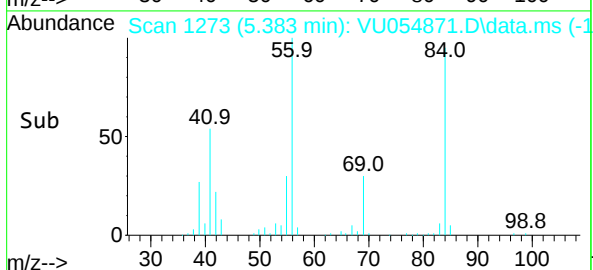
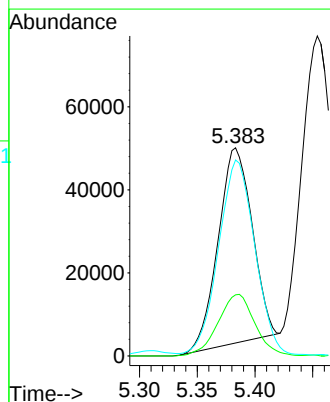
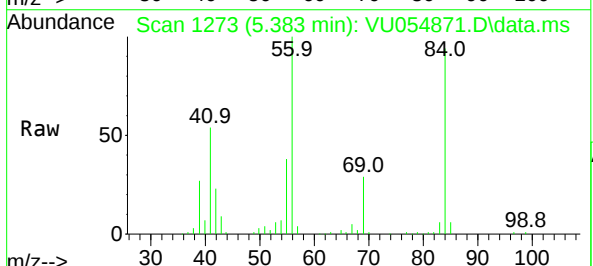
Tgt Ion: 56 Resp: 96811

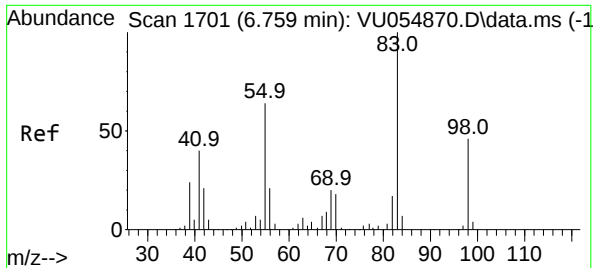
Ion Ratio Lower Upper

56 100

69 33.7 24.7 37.1

84 105.3 76.5 114.7





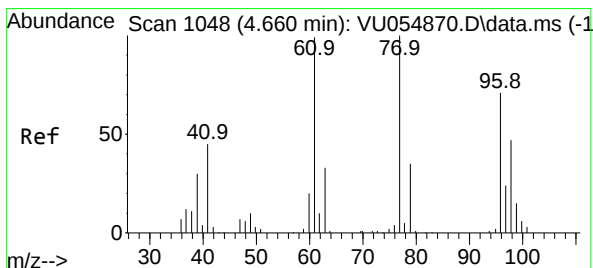
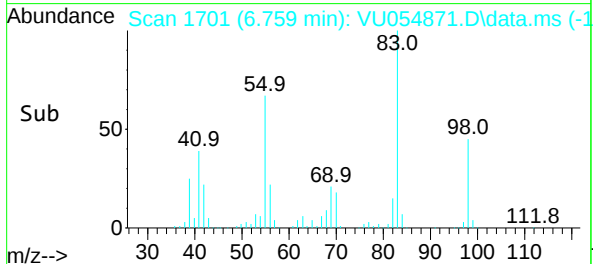
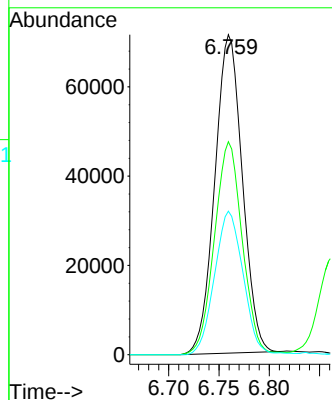
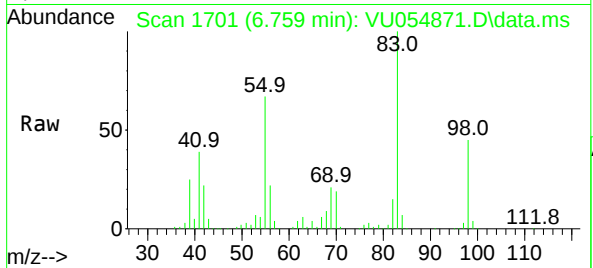
#20
Methylcyclohexane
Concen: 15.745 ug/l
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 83 Resp: 135960
Ion Ratio Lower Upper
83 100
55 66.6 51.6 77.4
98 46.2 38.2 57.2

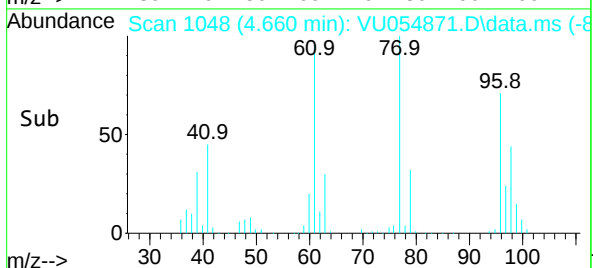
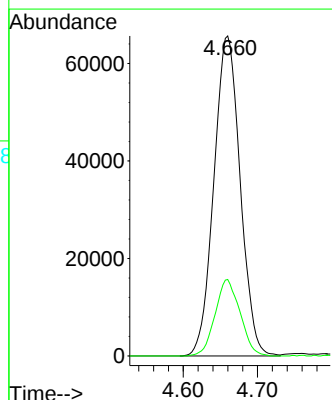
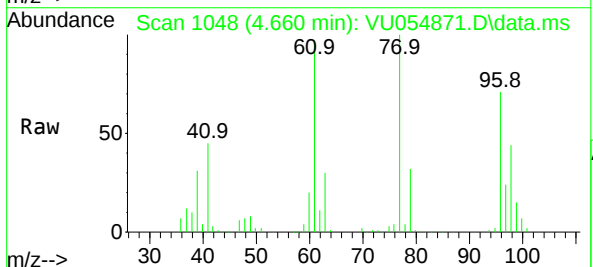
Manual Integrations
APPROVED

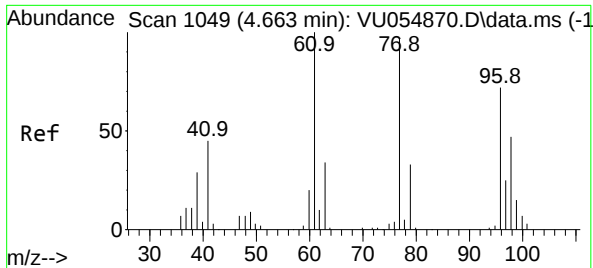
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#21
2,2-Dichloropropane
Concen: 15.191 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Tgt Ion: 77 Resp: 161602
Ion Ratio Lower Upper
77 100
97 22.7 18.0 27.0





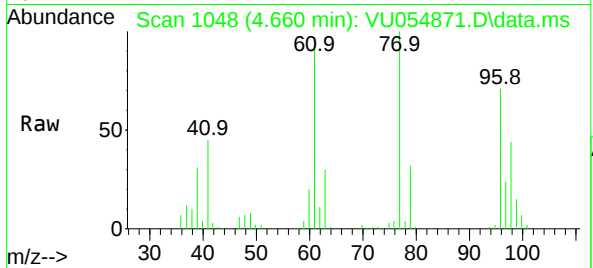
#22
cis-1,2-Dichloroethene
Concen: 15.524 ug/l
RT: 4.660 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

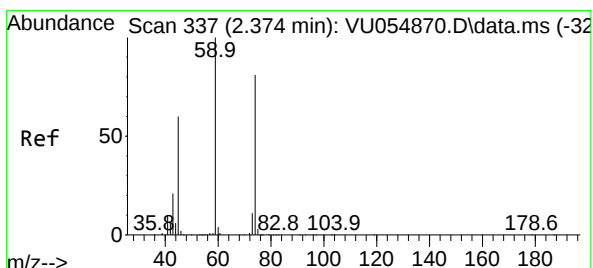
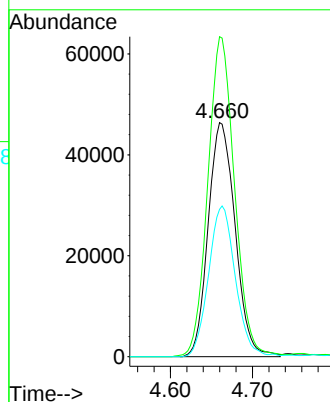
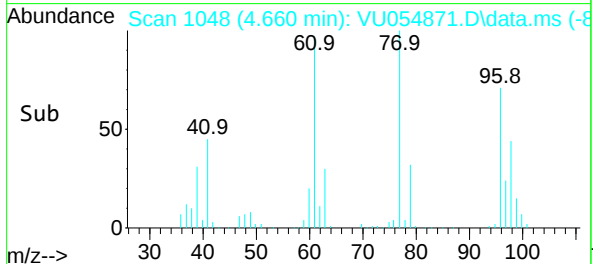


Tgt Ion: 96 Resp: 105860
Ion Ratio Lower Upper
96 100
61 135.4 0.0 332.0
98 63.7 32.5 97.5

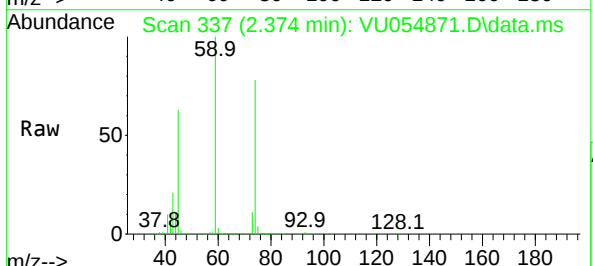
Manual Integrations

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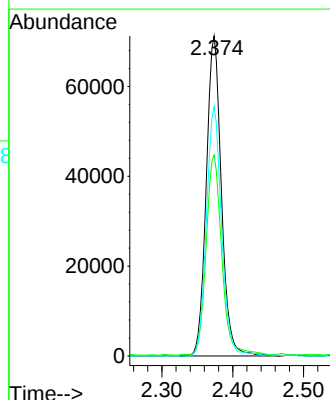
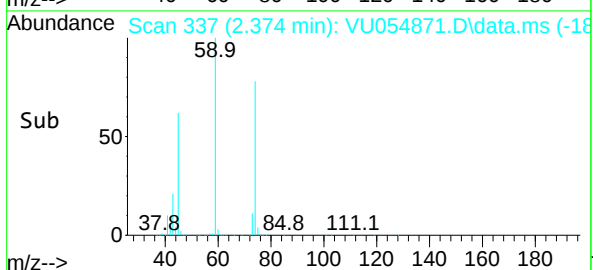
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

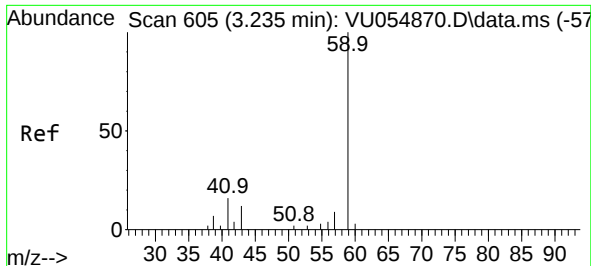


#23
Diethyl Ether
Concen: 15.170 ug/l
RT: 2.374 min Scan# 337
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40



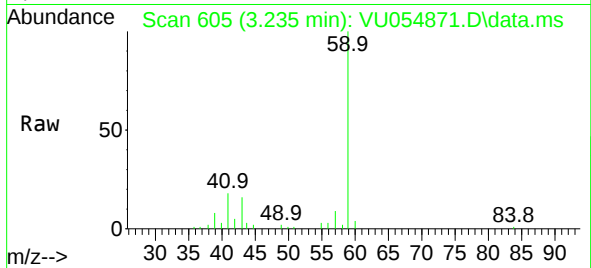
Tgt Ion: 59 Resp: 105490
Ion Ratio Lower Upper
59 100
45 64.0 51.4 77.0
74 78.3 63.1 94.7





#24
tert-Butyl Alcohol
Concen: 125.754 ug/l m
RT: 3.235 min Scan# 605
Delta R.T. -0.029 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

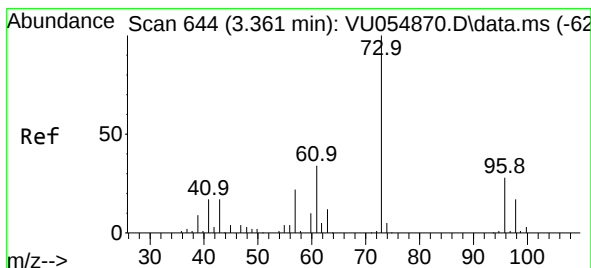
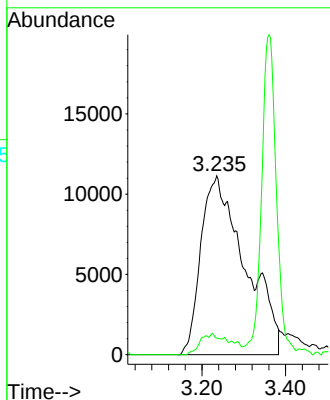
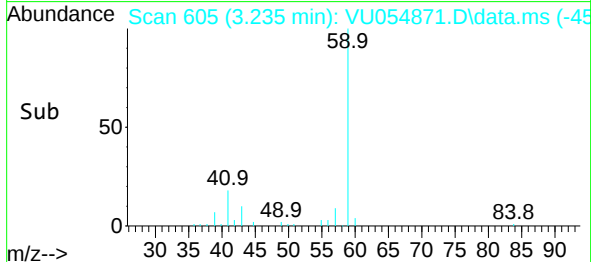
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 59 Resp: 8144
Ion Ratio Lower Upper
59 100
57 2.5 2.2 3.2

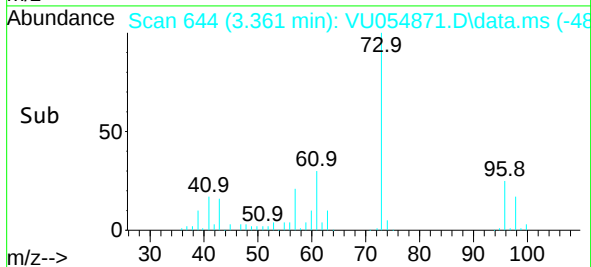
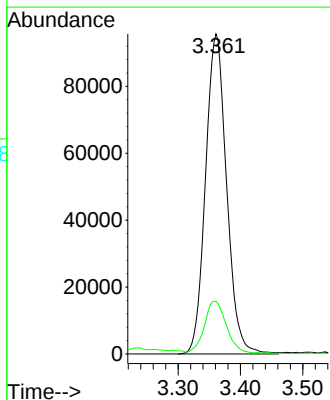
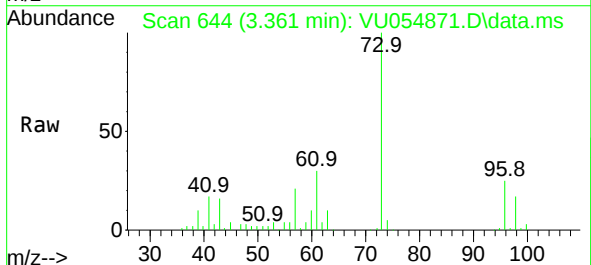
Manual Integrations
APPROVED

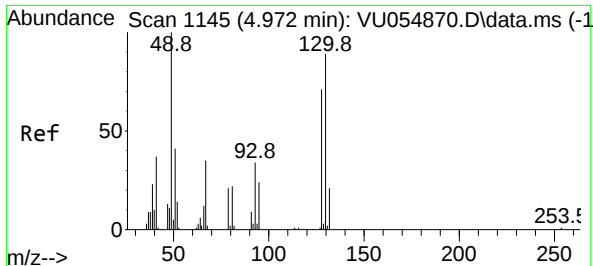
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#25
Methyl tert-Butyl Ether
Concen: 15.411 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

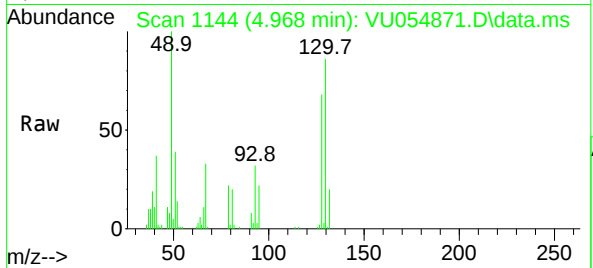
Tgt Ion: 73 Resp: 224771
Ion Ratio Lower Upper
73 100
43 16.6 14.6 22.0





#26
Bromochloromethane
Concen: 15.240 ug/l
RT: 4.968 min Scan# 1145
Delta R.T. -0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

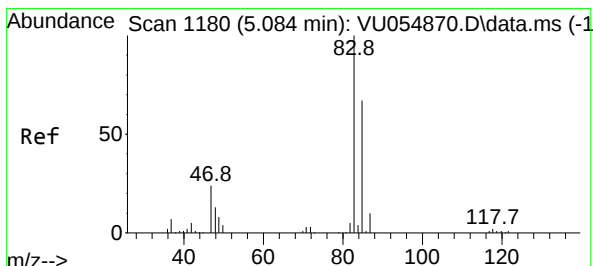
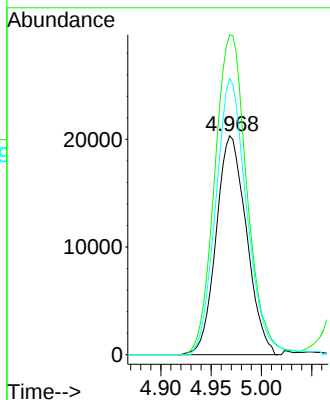
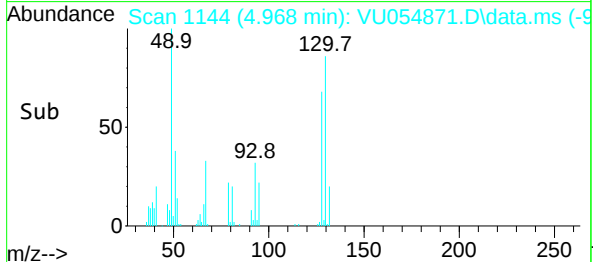
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



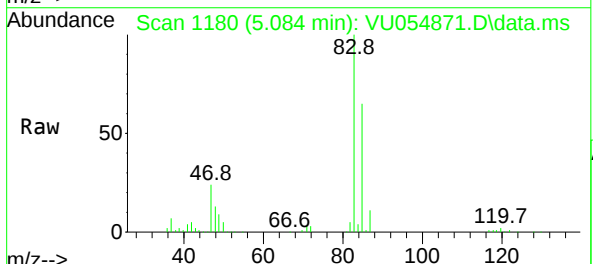
Tgt Ion:128 Resp: 4262
Ion Ratio Lower Upper
128 100
49 155.2 0.0 304.0
130 129.3 104.3 156.5

Manual Integrations
APPROVED

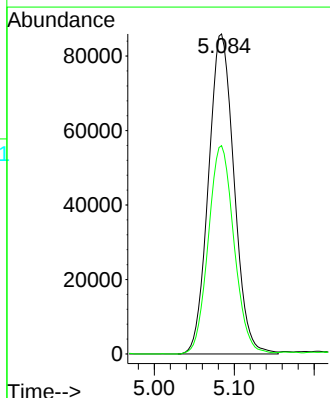
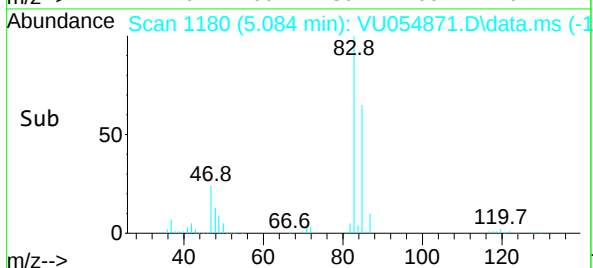
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

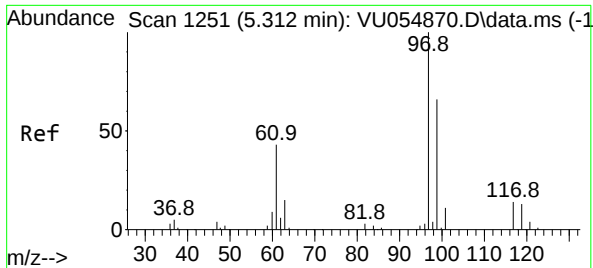


#27
Chloroform
Concen: 15.484 ug/l
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40



Tgt Ion: 83 Resp: 190840
Ion Ratio Lower Upper
83 100
85 65.1 0.0 135.2





#28

1,1,1-Trichloroethane

Concen: 15.241 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 16223

Ion Ratio Lower Upper

97 100

99 64.8 32.0 96.2

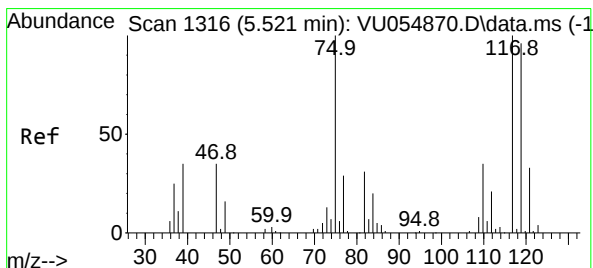
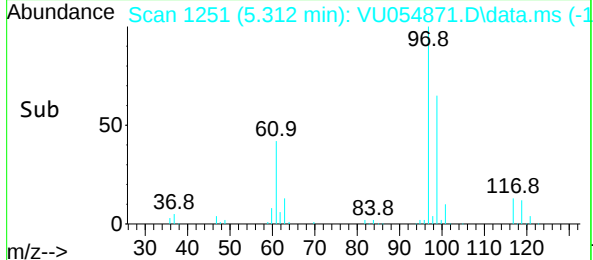
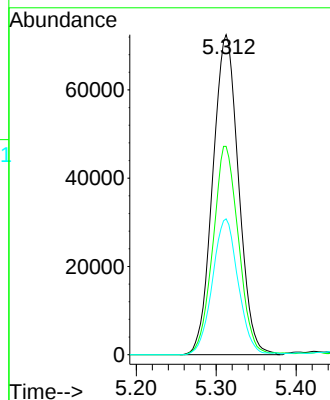
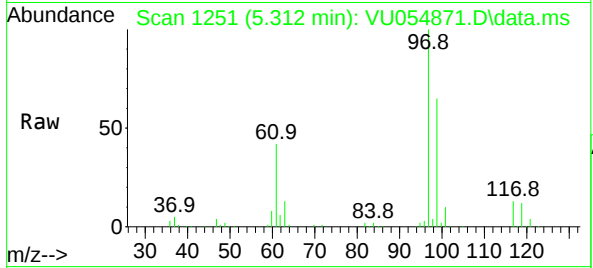
61 42.5 21.0 63.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#29

1,1-Dichloropropene

Concen: 15.135 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

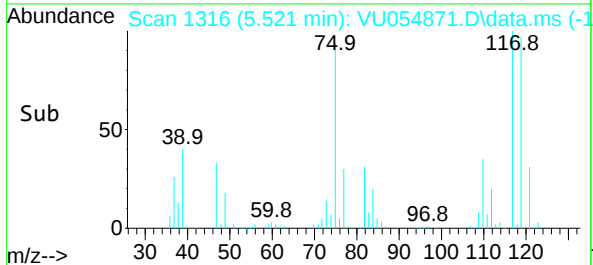
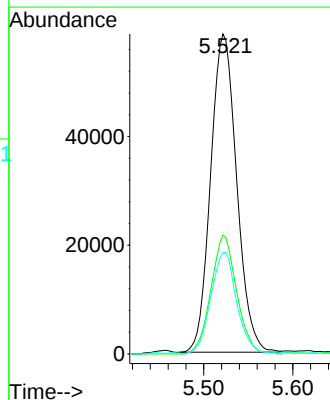
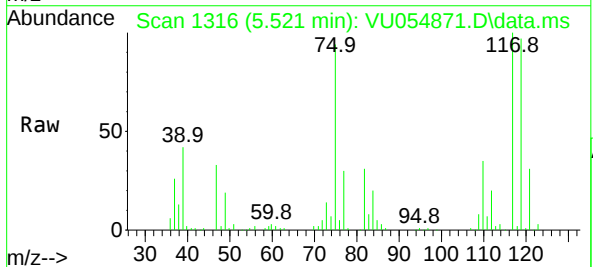
Tgt Ion: 75 Resp: 118846

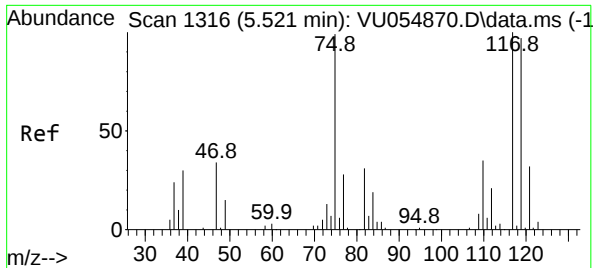
Ion Ratio Lower Upper

75 100

110 36.9 18.5 55.5

77 31.8 24.9 37.3





#30
Carbon Tetrachloride
Concen: 15.324 ug/l
RT: 5.521 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

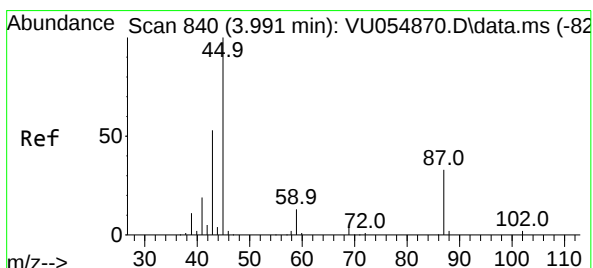
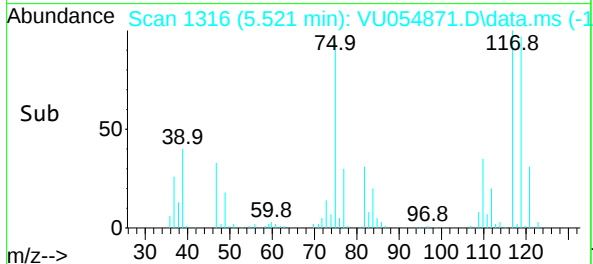
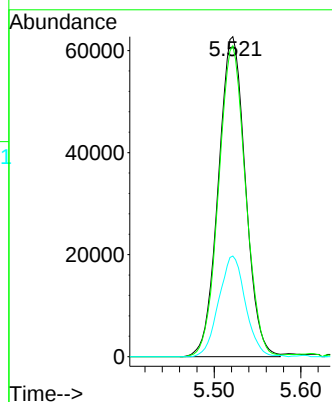
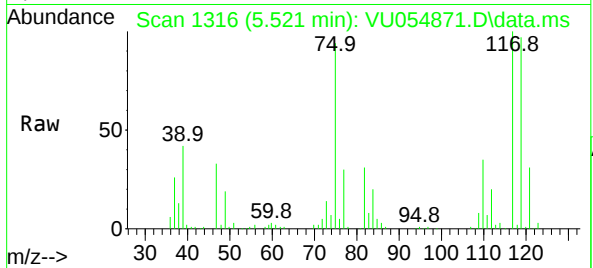
VSTDICC015

Tgt Ion:117 Resp: 136150
Ion Ratio Lower Upper
117 100
119 97.1 75.6 113.4
121 31.5 23.4 35.0

Manual Integrations

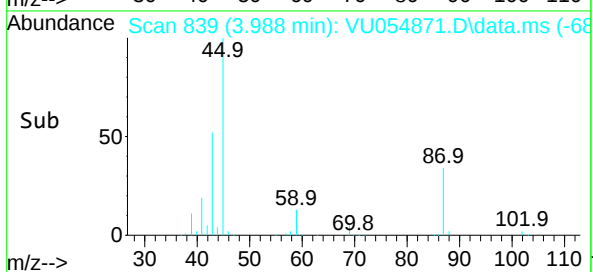
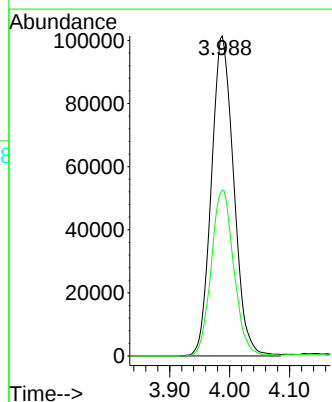
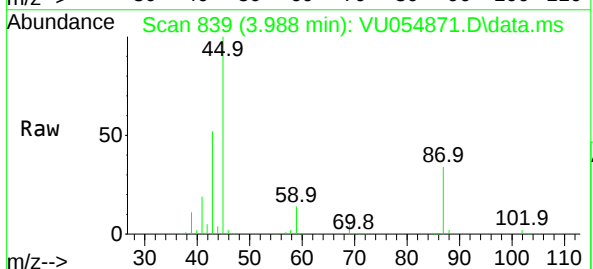
APPROVED

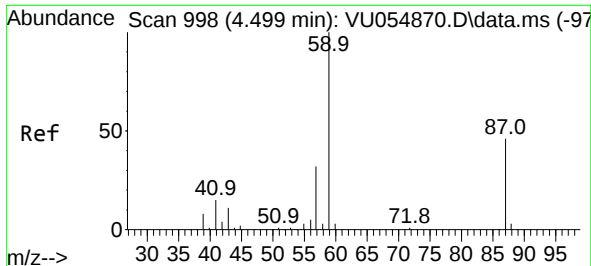
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#31
Isopropyl Ether
Concen: 15.461 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Tgt Ion: 45 Resp: 261903
Ion Ratio Lower Upper
45 100
43 52.4 26.4 79.2





#32

Ethyl-t-butyl ether

Concen: 15.406 ug/l

RT: 4.496 min Scan# 998

Delta R.T. 0.000 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 59 Resp: 26870

Ion Ratio Lower Upper

59 100

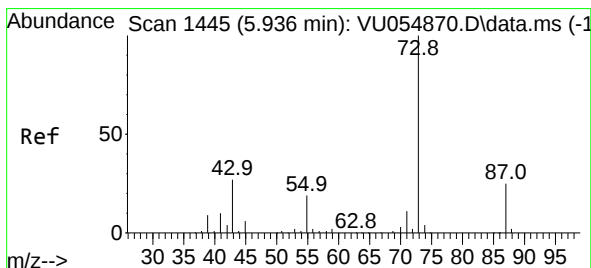
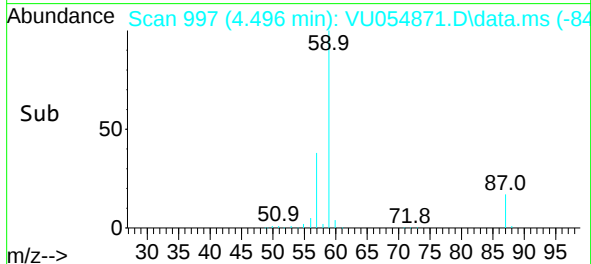
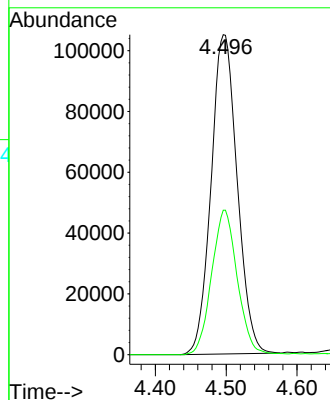
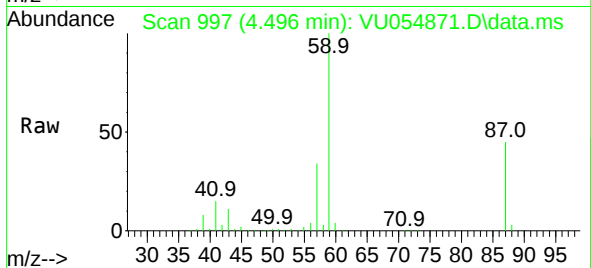
87 44.2 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#33

Tert-Amyl methyl ether

Concen: 15.373 ug/l

RT: 5.936 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

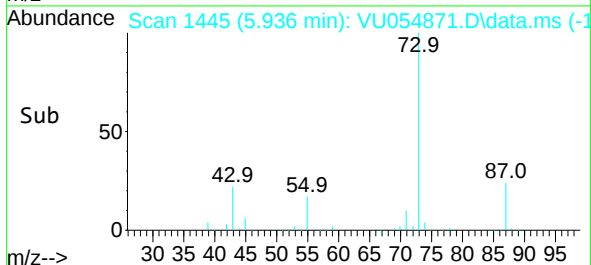
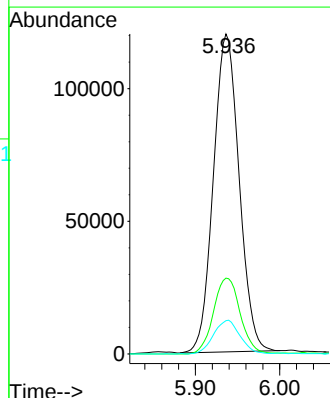
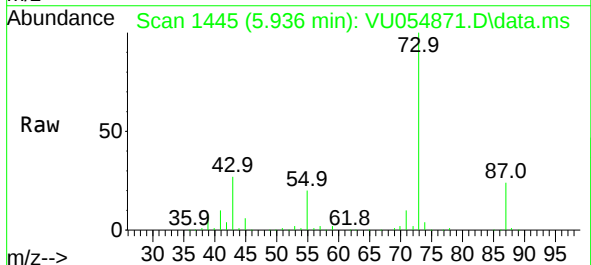
Tgt Ion: 73 Resp: 253508

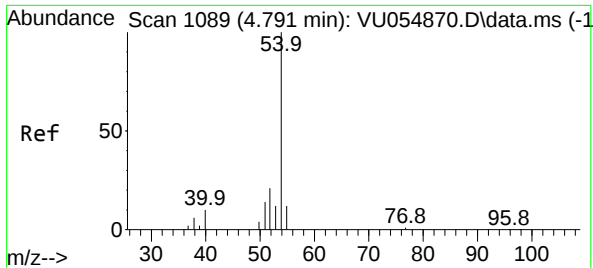
Ion Ratio Lower Upper

73 100

87 24.5 19.6 29.4

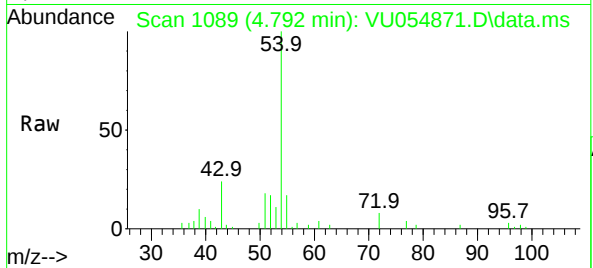
71 10.8 9.1 13.7





#34
 Propionitrile
 Concen: 90.746 ug/l
 RT: 4.792 min Scan# 1089
 Delta R.T. -0.003 min
 Lab File: VU054871.D
 Acq: 25 Jul 2023 16:40

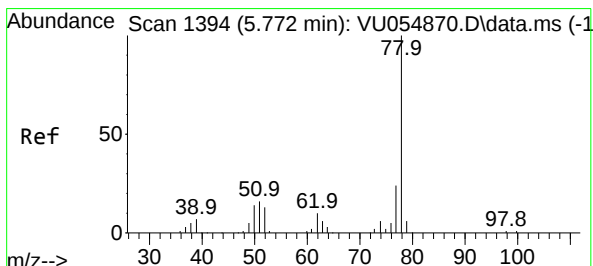
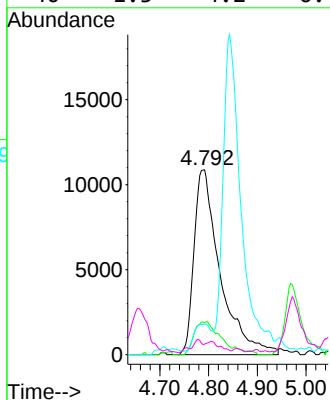
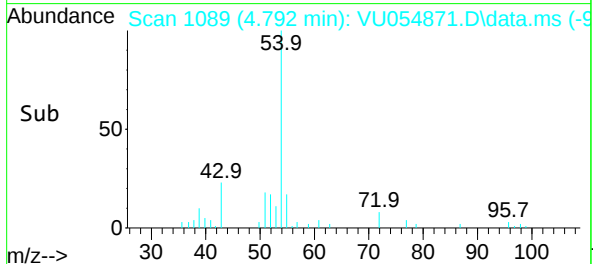
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



Tgt Ion: 54	Resp: 40534
Ion Ratio	Lower Upper
54	100
52	17.0 13.8 20.8
55	9.5 4.8 7.2
40	1.3 4.2 6.4

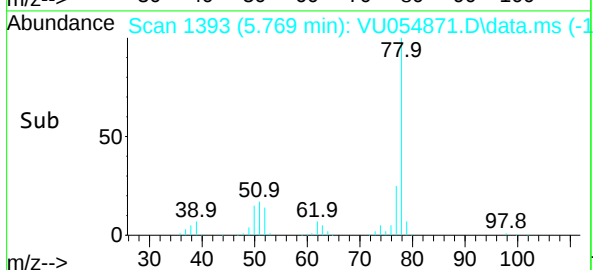
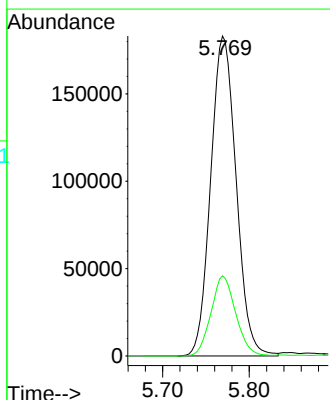
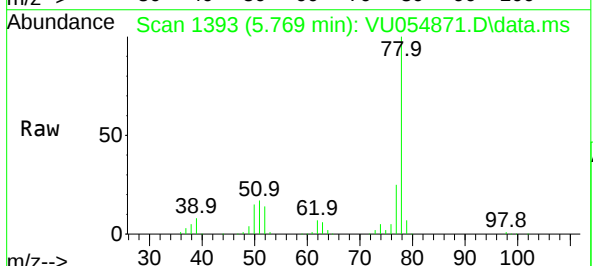
Manual Integrations
 APPROVED

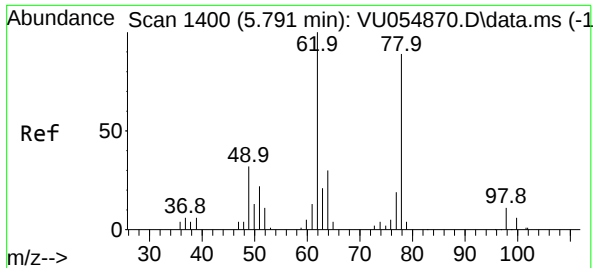
Reviewed By :Mahesh Dadoda 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#35
 Benzene
 Concen: 15.192 ug/l
 RT: 5.769 min Scan# 1393
 Delta R.T. 0.000 min
 Lab File: VU054871.D
 Acq: 25 Jul 2023 16:40

Tgt Ion: 78	Resp: 373554
Ion Ratio	Lower Upper
78	100
77	25.0 19.4 29.2





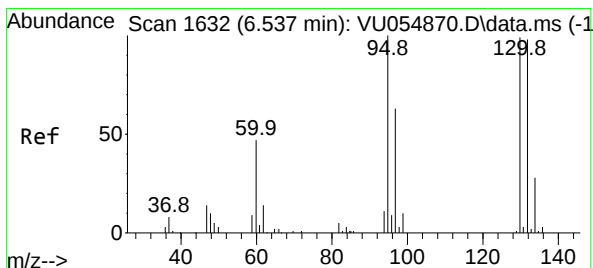
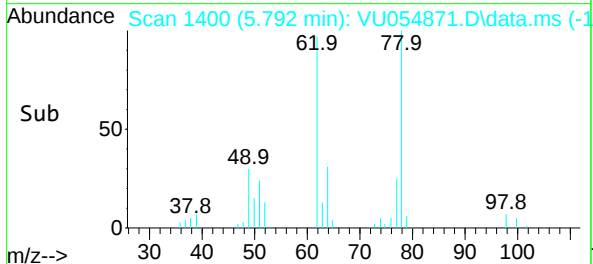
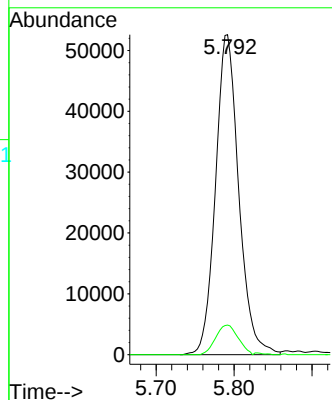
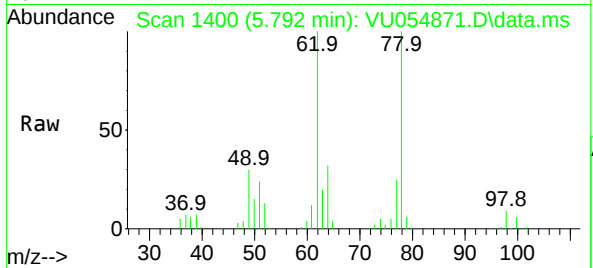
#36
1,2-Dichloroethane
Concen: 15.596 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 62 Resp: 109098
Ion Ratio Lower Upper
62 100
98 8.9 7.8 11.8

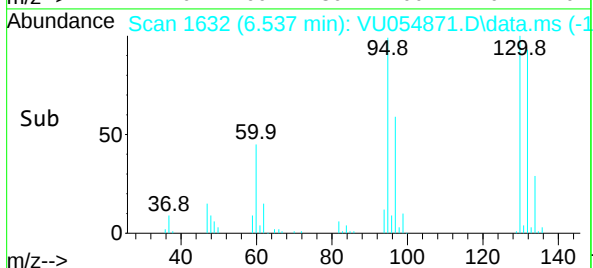
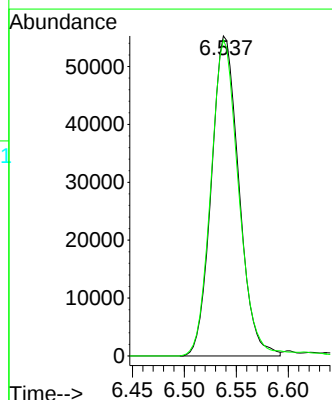
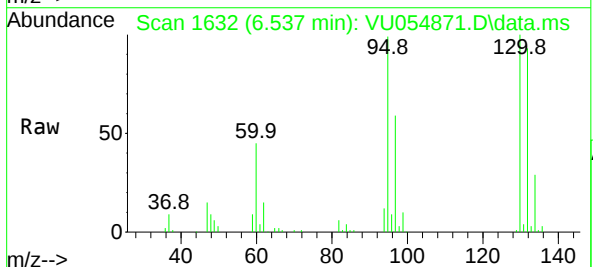
Manual Integrations
APPROVED

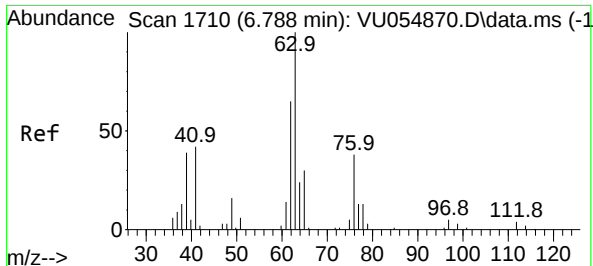
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#37
Trichloroethene
Concen: 15.376 ug/l
RT: 6.537 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Tgt Ion:130 Resp: 101687
Ion Ratio Lower Upper
130 100
95 98.7 76.8 115.2





#38

1,2-Dichloropropane

Concen: 15.312 ug/l

RT: 6.788 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 63 Resp: 10643

Ion Ratio Lower Upper

63 100

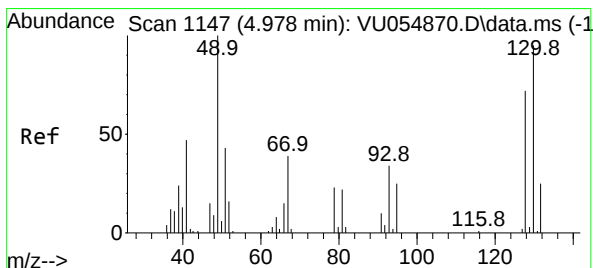
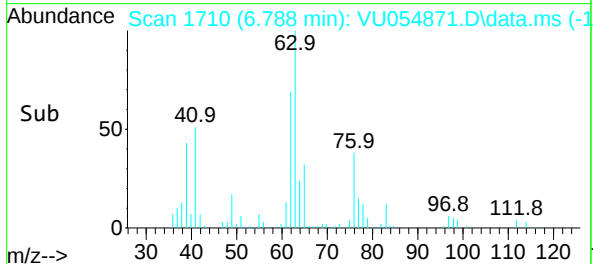
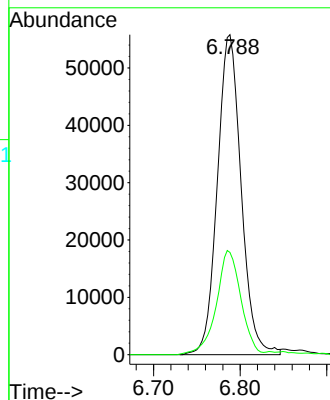
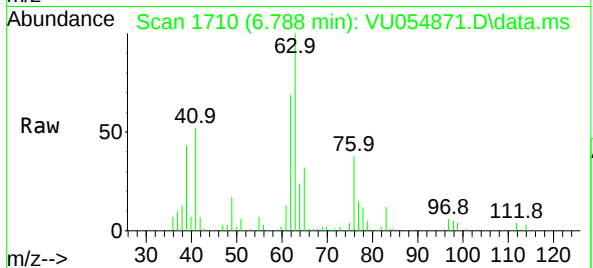
65 31.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#39

Methacrylonitrile

Concen: 15.191 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

Tgt Ion: 41 Resp: 26350

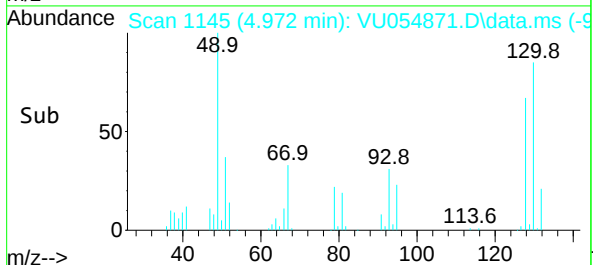
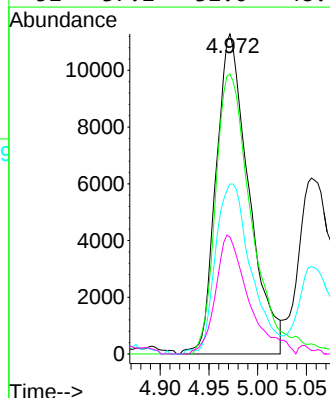
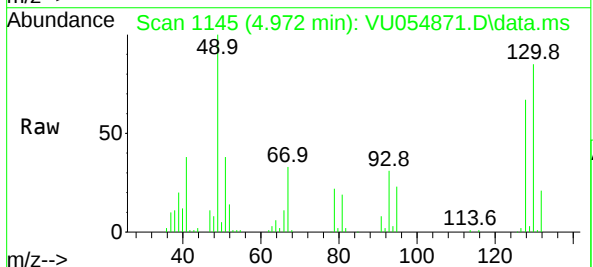
Ion Ratio Lower Upper

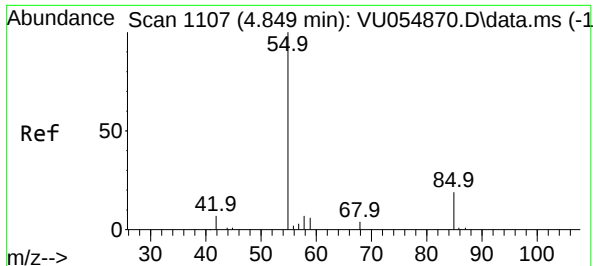
41 100

67 97.0 77.0 115.4

39 58.0 50.4 75.6

52 37.2 32.0 48.0





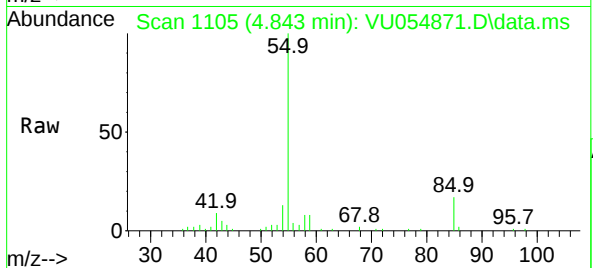
#40
Methyl acrylate
Concen: 15.121 ug/l
RT: 4.843 min Scan# 1105
Delta R.T. -0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

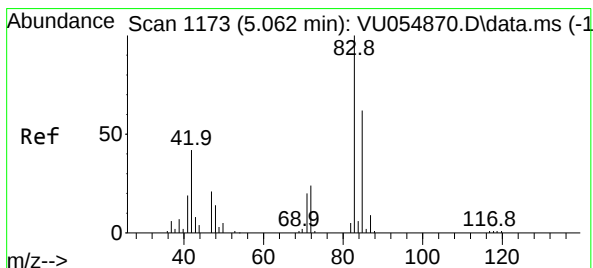
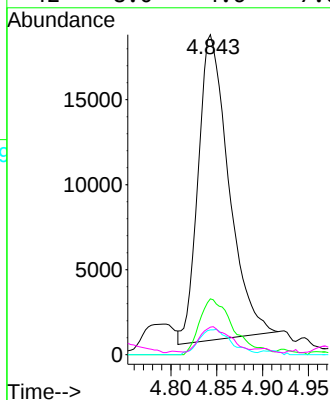
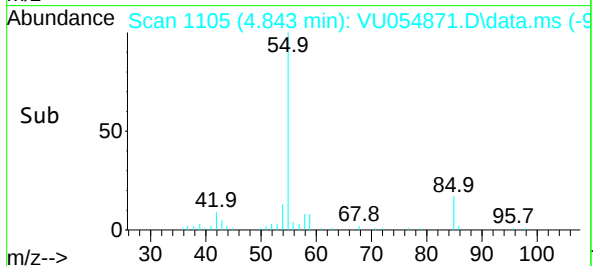


Tgt Ion: 55 Resp: 4162
Ion Ratio Lower Upper
55 100
85 20.3 13.0 19.6
58 8.8 5.7 8.5
42 8.0 4.6 7.0

Manual Integrations

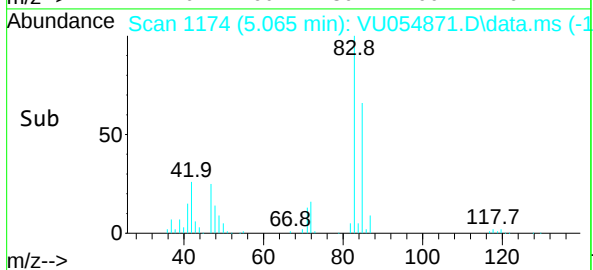
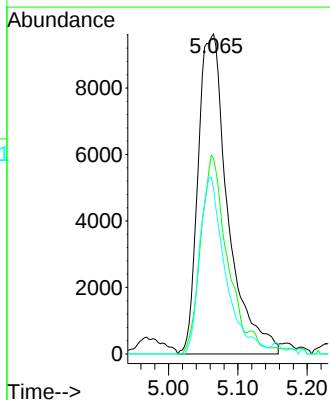
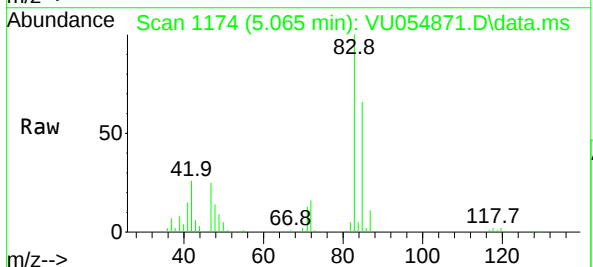
APPROVED

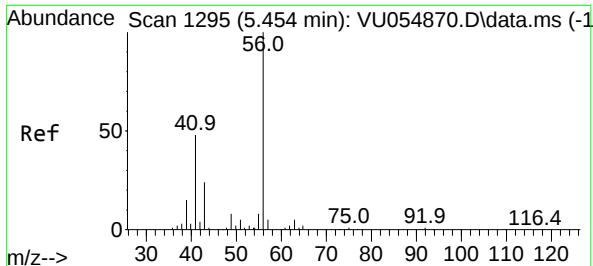
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#41
Tetrahydrofuran
Concen: 28.749 ug/l
RT: 5.065 min Scan# 1174
Delta R.T. 0.007 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Tgt Ion: 42 Resp: 28691
Ion Ratio Lower Upper
42 100
72 53.5 42.1 63.1
71 48.0 39.7 59.5





#42

1-Chlorobutane

Concen: 14.920 ug/l

RT: 5.454 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 56 Resp: 15340

Ion Ratio Lower Upper

56 100

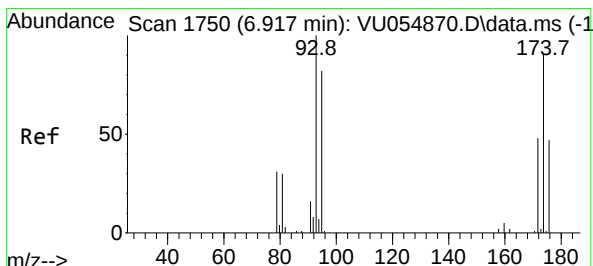
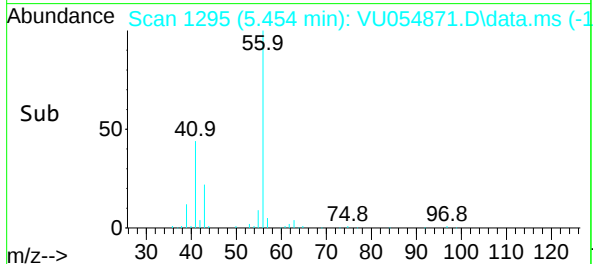
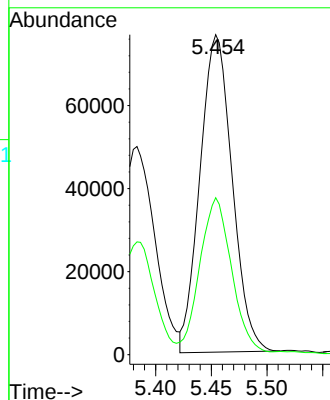
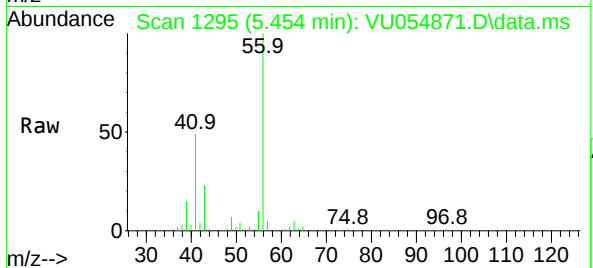
41 47.9 23.9 71.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#43

Dibromomethane

Concen: 15.714 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

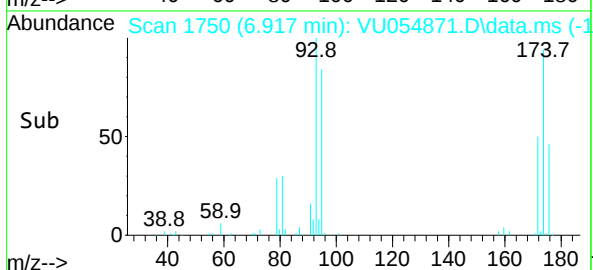
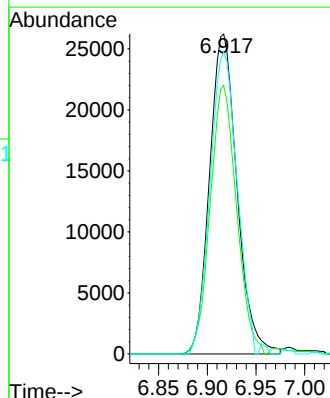
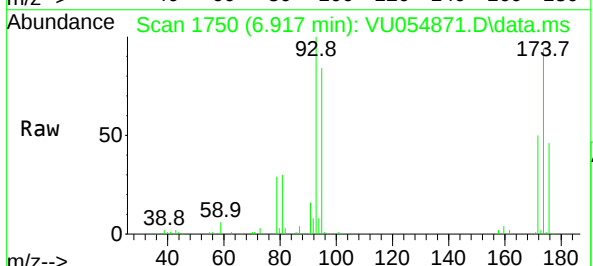
Tgt Ion: 93 Resp: 51305

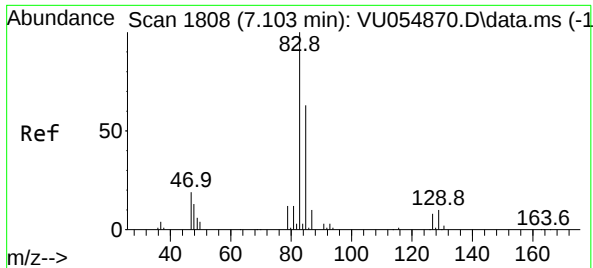
Ion Ratio Lower Upper

93 100

95 80.8 64.7 97.1

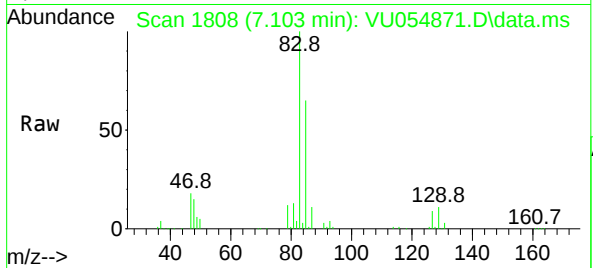
174 92.6 74.4 111.6





#44
Bromodichloromethane
Concen: 15.867 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

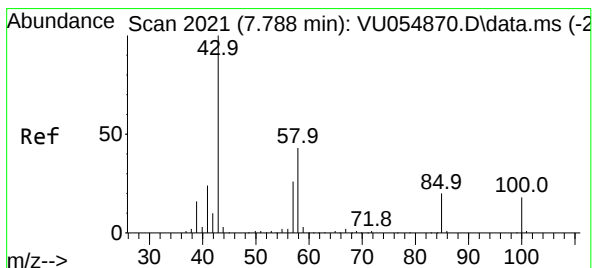
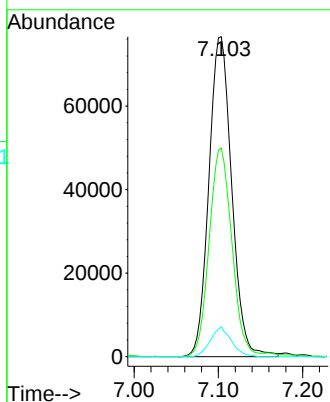
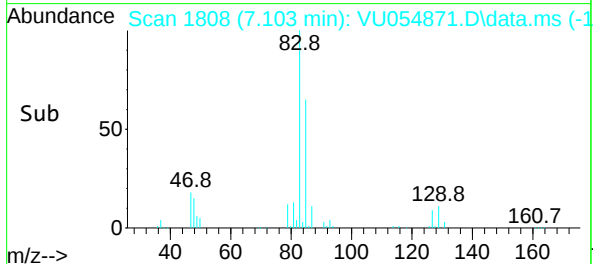
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



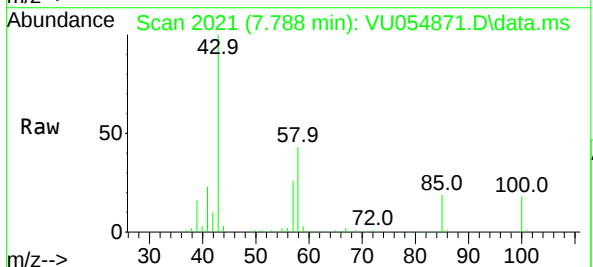
Tgt Ion: 83 Resp: 144338
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.2
127 9.4 6.1 9.1

Manual Integrations
APPROVED

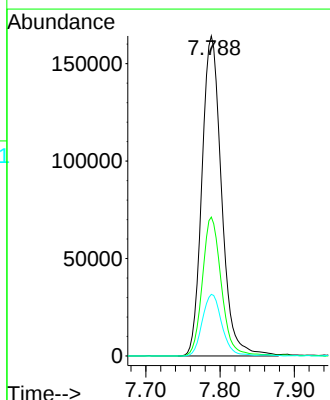
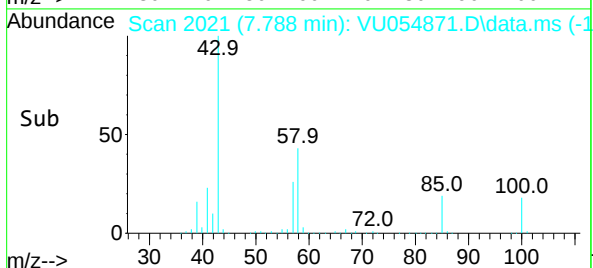
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

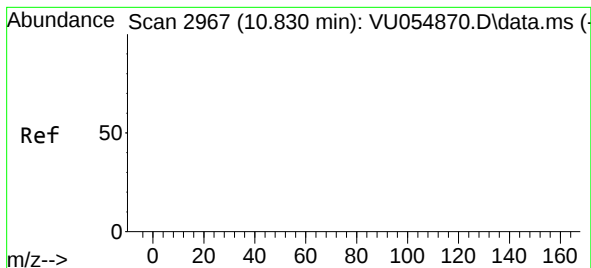


#45
4-Methyl-2-Pentanone
Concen: 79.172 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40



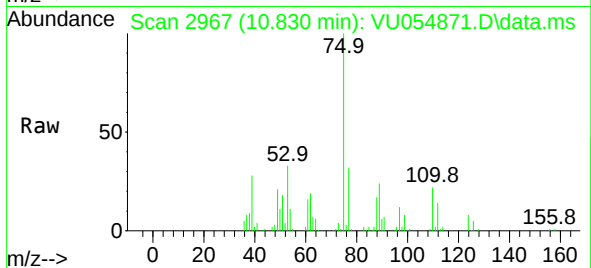
Tgt Ion: 43 Resp: 301614
Ion Ratio Lower Upper
43 100
58 42.1 21.3 63.7
85 19.1 15.3 22.9





#46
t-1,4-Dichloro-2-butene
Concen: 36.489 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

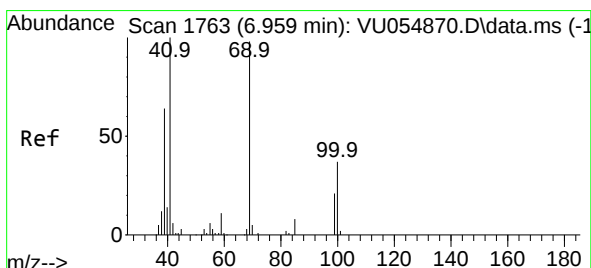
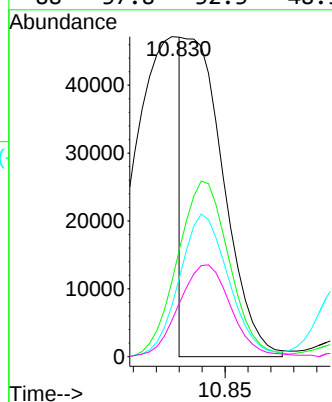
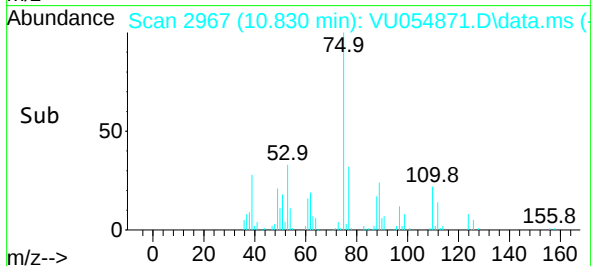
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 75 Resp: 5678
Ion Ratio Lower Upper
75 100
53 71.8 62.9 94.3
89 55.6 47.8 71.8
88 37.8 32.3 48.5

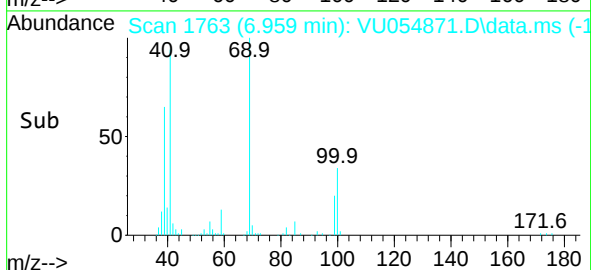
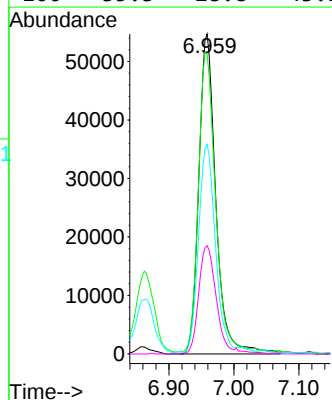
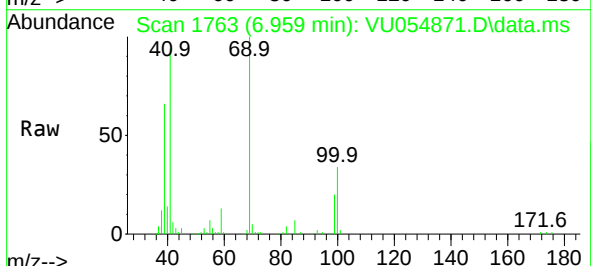
Manual Integrations
APPROVED

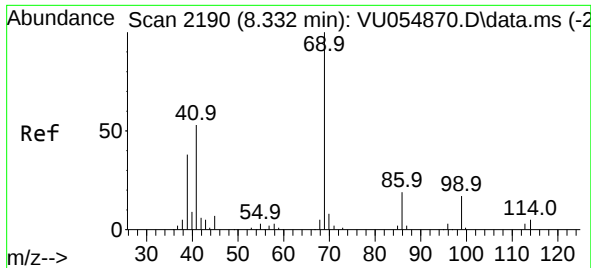
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#47
Methyl methacrylate
Concen: 33.518 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. 0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

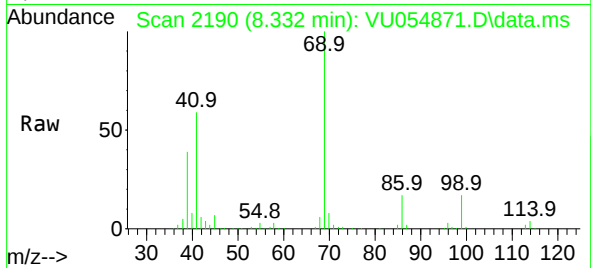
Tgt Ion: 69 Resp: 100048
Ion Ratio Lower Upper
69 100
41 93.4 0.0 193.0
39 63.9 50.4 75.6
100 35.3 28.8 43.2





#48
Ethyl methacrylate
Concen: 16.536 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

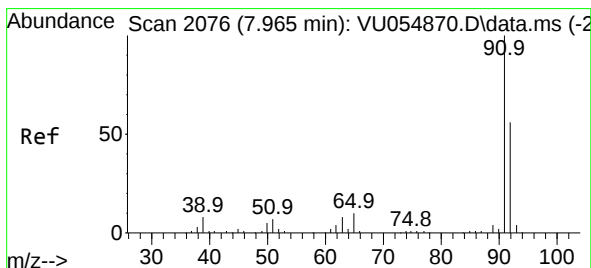
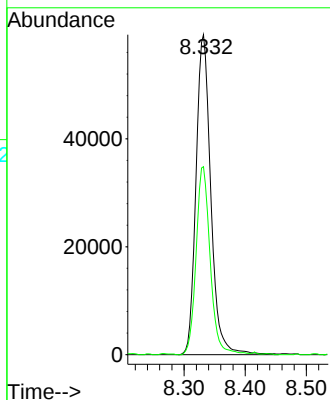
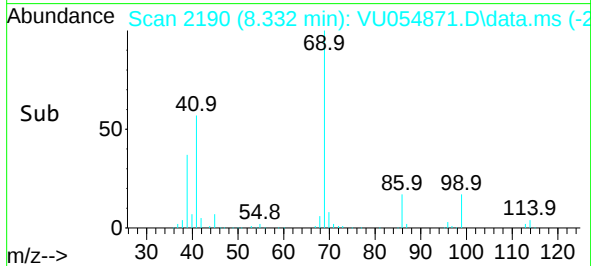
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



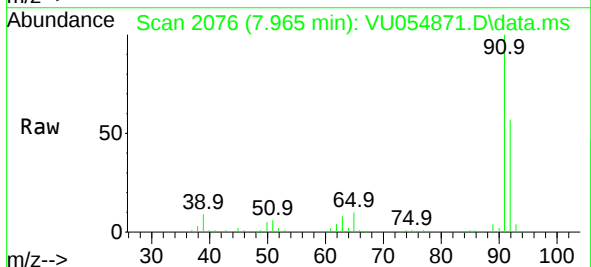
Tgt Ion: 69 Resp: 99835
Ion Ratio Lower Upper
69 100
41 56.0 28.8 86.5

Manual Integrations
APPROVED

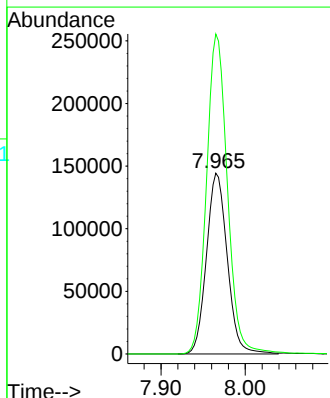
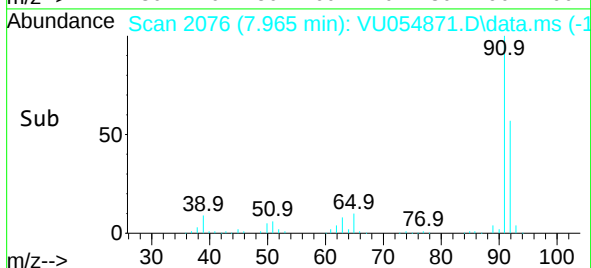
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

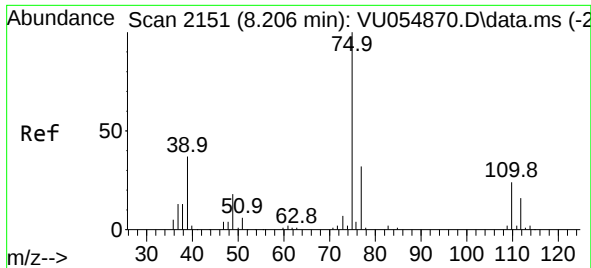


#49
Toluene
Concen: 15.827 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40



Tgt Ion: 92 Resp: 247917
Ion Ratio Lower Upper
92 100
91 177.4 142.9 214.3





#50
t-1,3-Dichloropropene
Concen: 16.352 ug/l
RT: 8.206 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

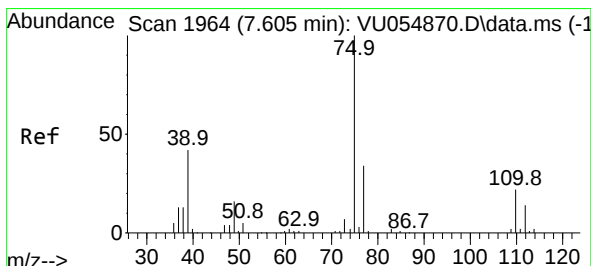
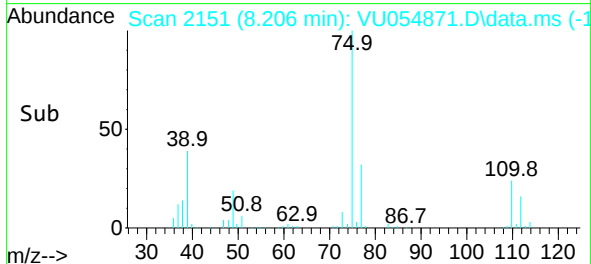
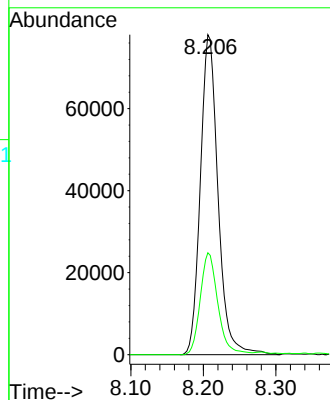
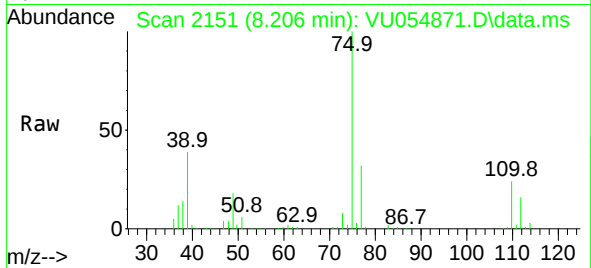
VSTDIC015

Tgt Ion: 75 Resp: 13206
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3

Manual Integrations

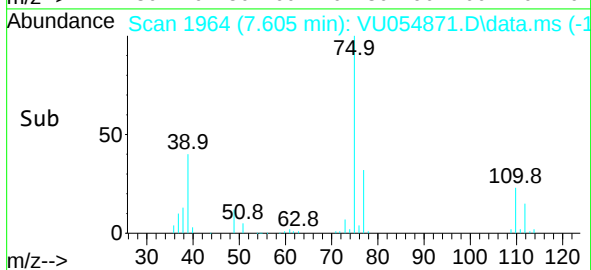
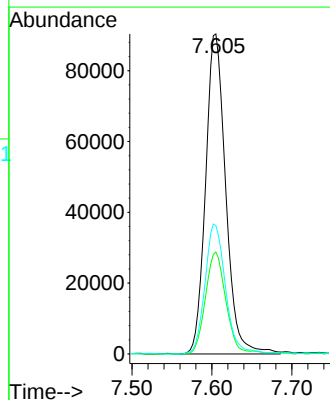
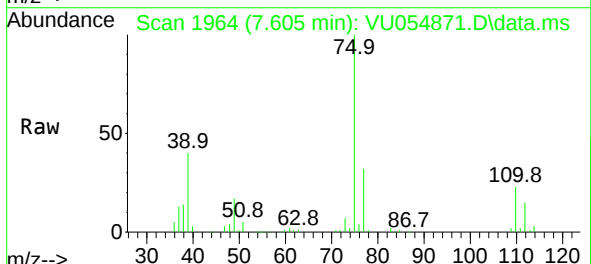
APPROVED

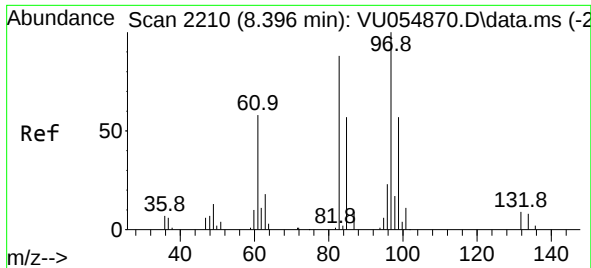
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#51
cis-1,3-Dichloropropene
Concen: 15.964 ug/l
RT: 7.605 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

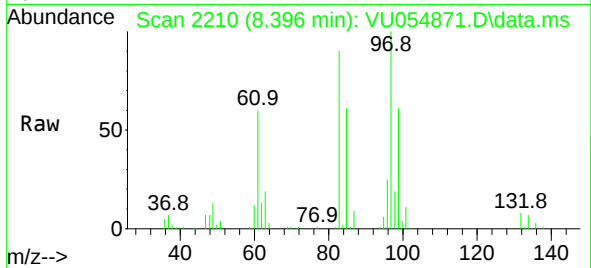
Tgt Ion: 75 Resp: 158474
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
39 40.1 31.7 47.5





#52
1,1,2-Trichloroethane
Concen: 15.066 ug/l
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

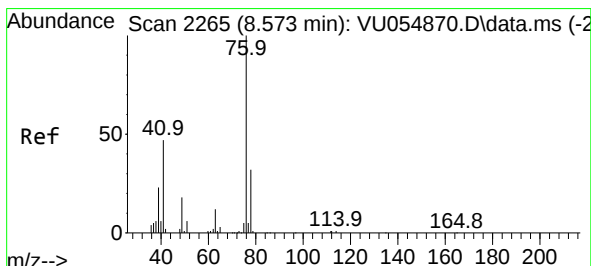
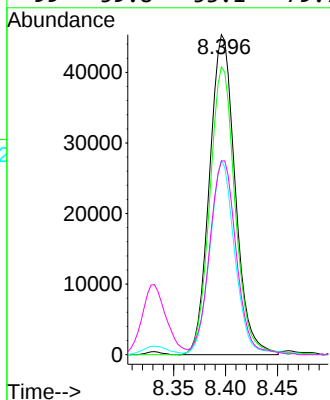
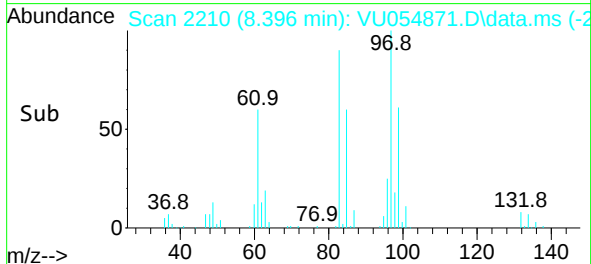
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



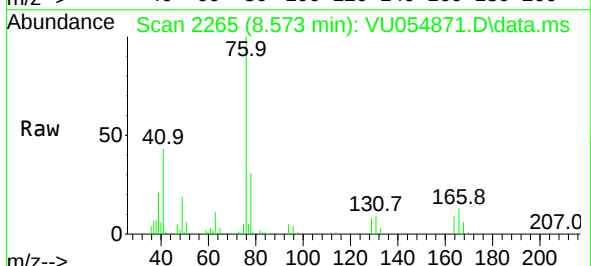
Tgt Ion: 97 Resp: 77982
Ion Ratio Lower Upper
97 100
83 90.0 77.4 116.2
85 59.9 47.8 71.8
99 59.8 53.1 79.7

Manual Integrations
APPROVED

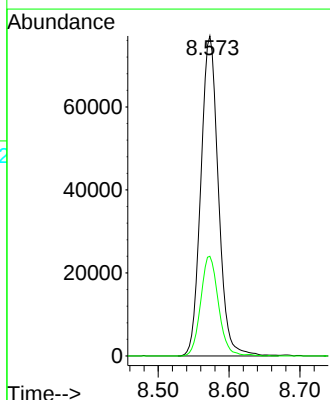
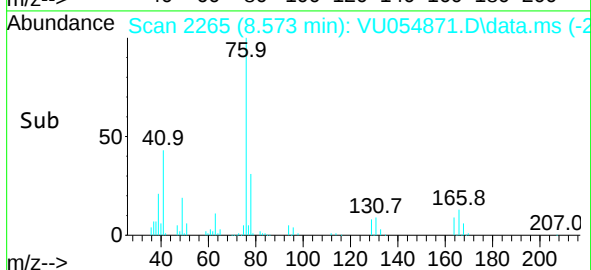
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

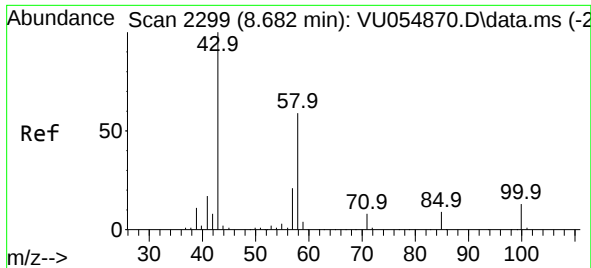


#53
1,3-Dichloropropane
Concen: 15.814 ug/l
RT: 8.573 min Scan# 2265
Delta R.T. 0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40



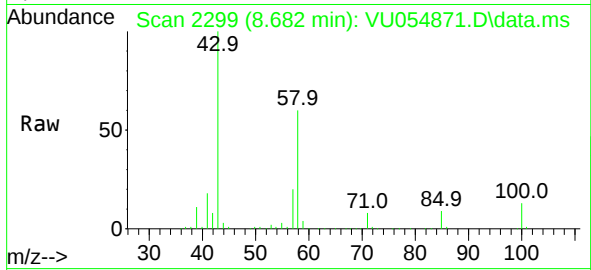
Tgt Ion: 76 Resp: 132408
Ion Ratio Lower Upper
76 100
78 31.4 24.6 36.8





#54
2-Hexanone
Concen: 77.665 ug/l
RT: 8.682 min Scan# 21024
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

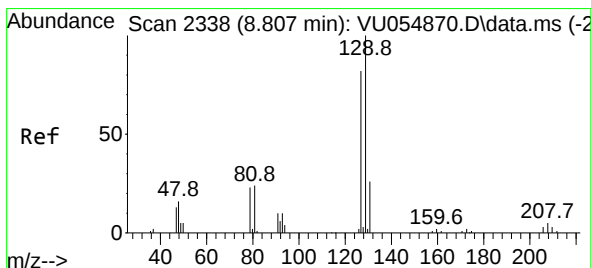
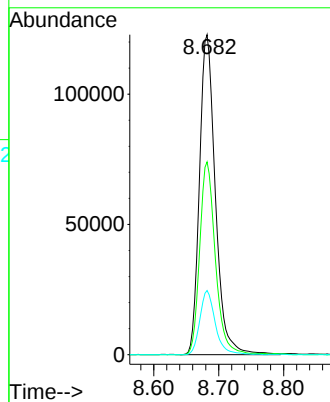
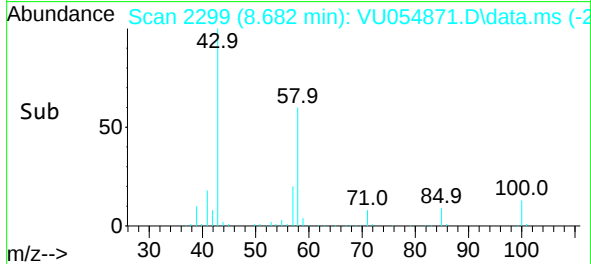
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 21024
Ion Ratio Lower Upper
43 100
58 59.5 38.9 78.9
57 19.4 0.0 38.7

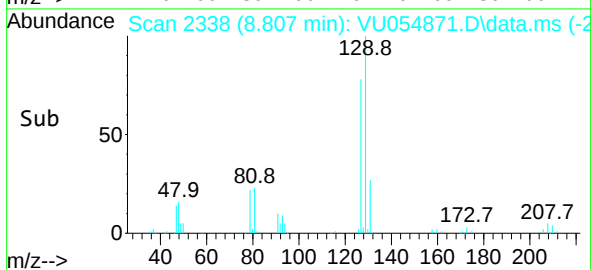
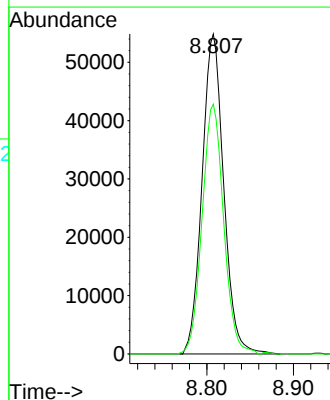
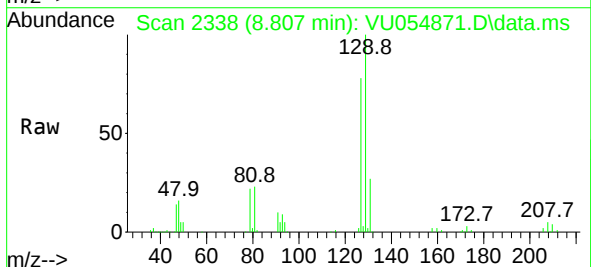
Manual Integrations
APPROVED

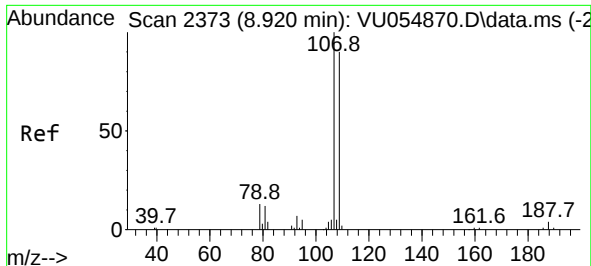
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#55
Dibromochloromethane
Concen: 16.051 ug/l
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

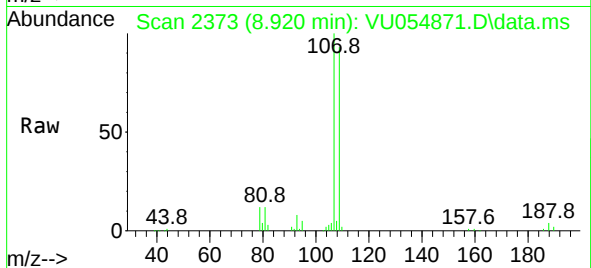
Tgt Ion:129 Resp: 95188
Ion Ratio Lower Upper
129 100
127 77.7 61.4 92.0





#56
1,2-Dibromoethane
Concen: 16.171 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

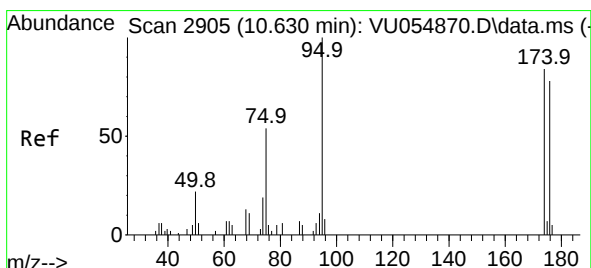
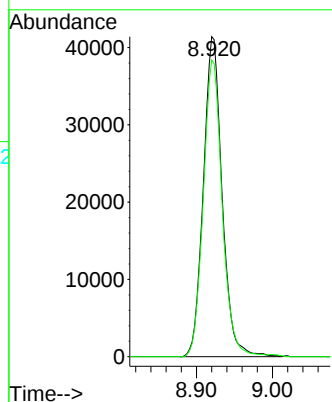
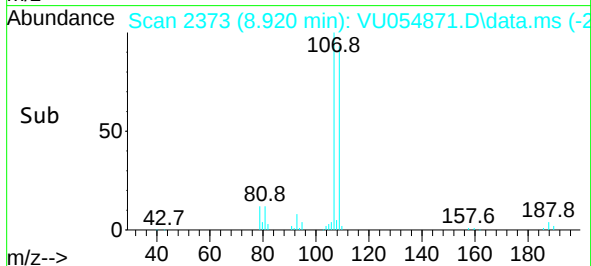
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



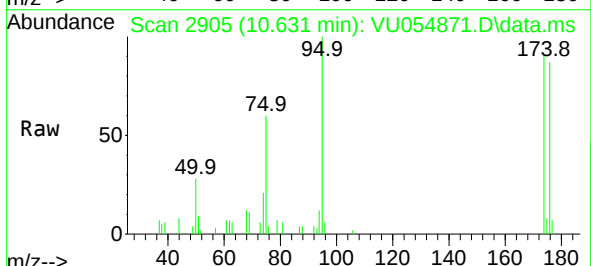
Tgt Ion: 107 Resp: 7093
Ion Ratio Lower Upper
107 100
109 93.3 0.0 185.4

Manual Integrations
APPROVED

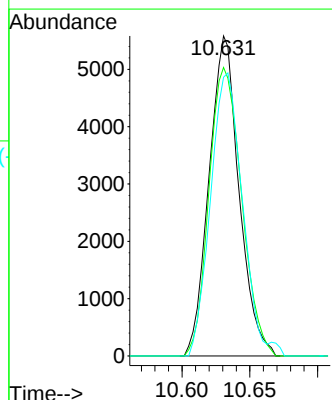
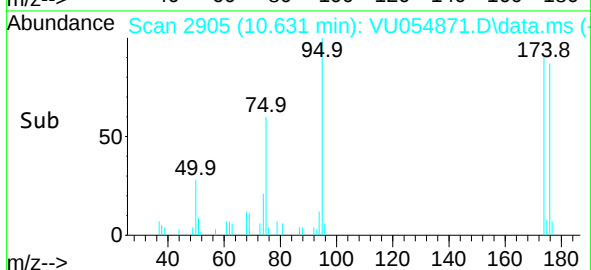
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

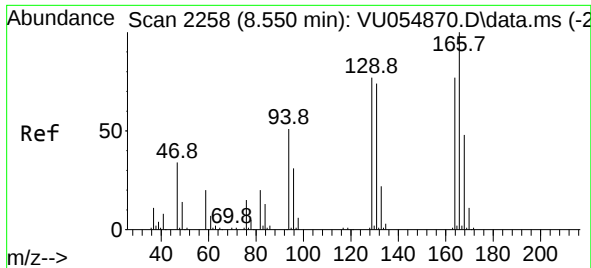


#57
4-Bromofluorobenzene
Concen: 1.037 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40



Tgt Ion: 95 Resp: 8584
Ion Ratio Lower Upper
95 100
174 97.8 79.3 118.9
176 94.2 71.5 107.3





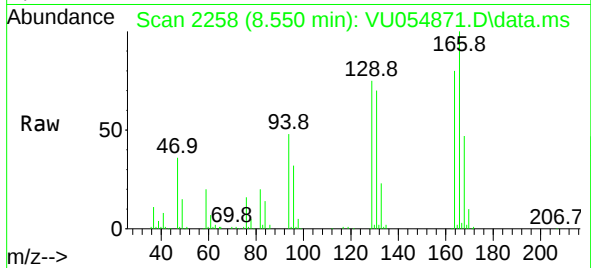
#58
Tetrachloroethene
Concen: 14.057 ug/l
RT: 8.550 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

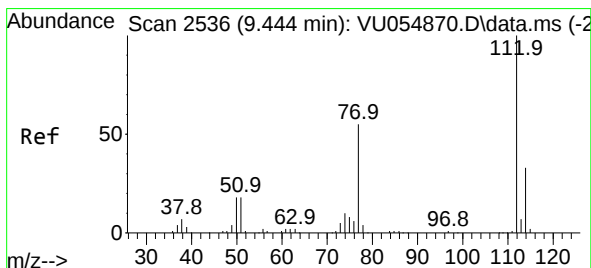
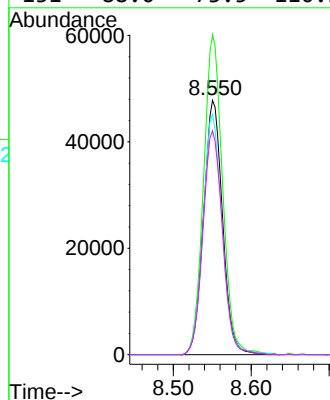
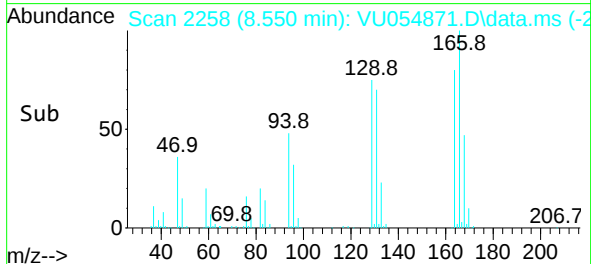


Tgt Ion:164 Resp: 81149
Ion Ratio Lower Upper
164 100
166 125.8 100.4 150.6
129 94.5 71.9 107.9
131 88.0 73.5 110.3

Manual Integrations

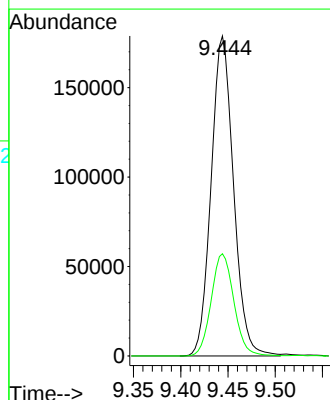
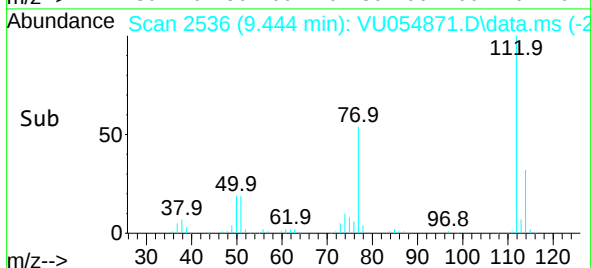
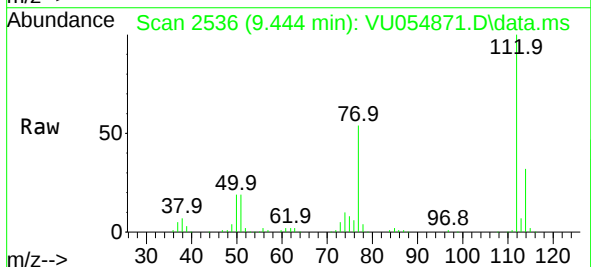
APPROVED

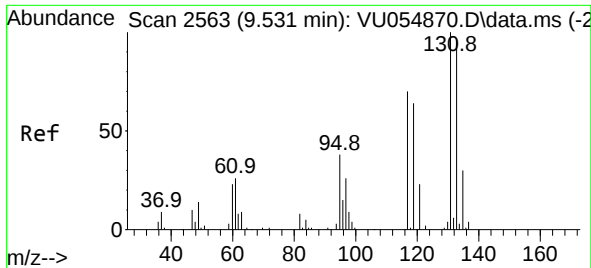
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#59
Chlorobenzene
Concen: 15.515 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Tgt Ion:112 Resp: 294923
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6





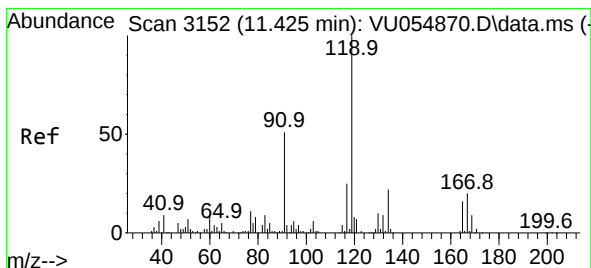
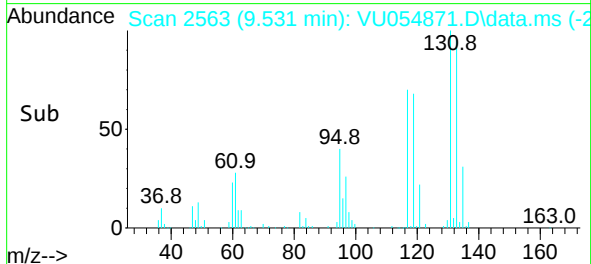
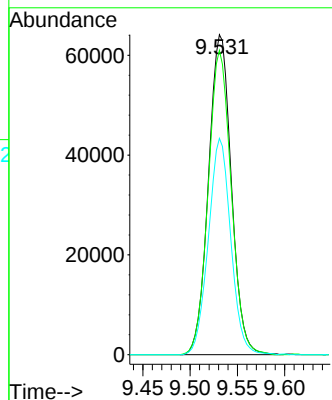
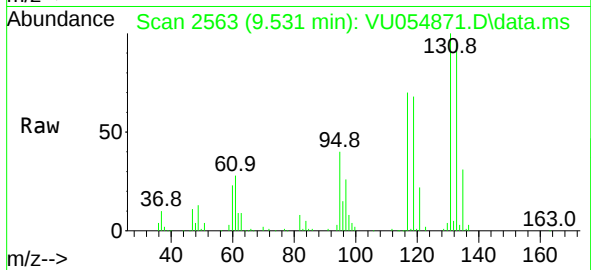
#60
1,1,1,2-Tetrachloroethane
Concen: 16.050 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:131 Resp: 10771
Ion Ratio Lower Upper
131 100
133 95.8 74.2 111.4
119 66.4 51.0 76.4

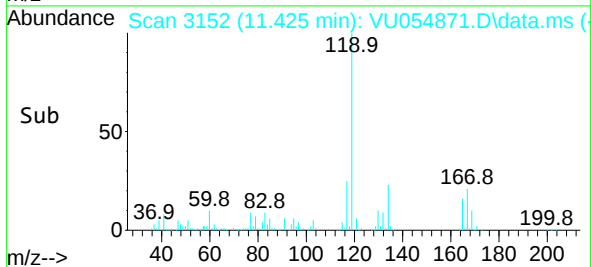
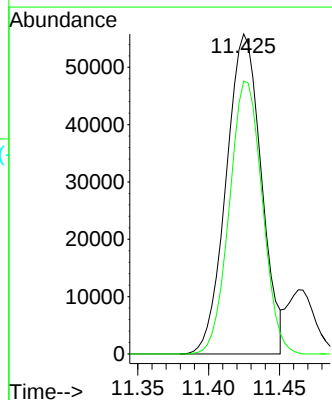
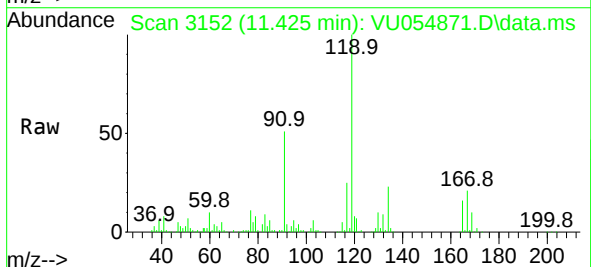
Manual Integrations
APPROVED

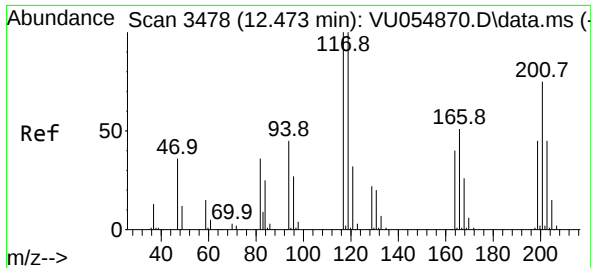
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#61
Pentachloroethane
Concen: 18.373 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

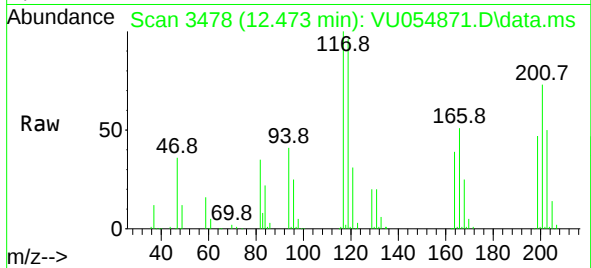
Tgt Ion:117 Resp: 96329
Ion Ratio Lower Upper
117 100
167 79.8 65.3 97.9





#62
Hexachloroethane
Concen: 17.336 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

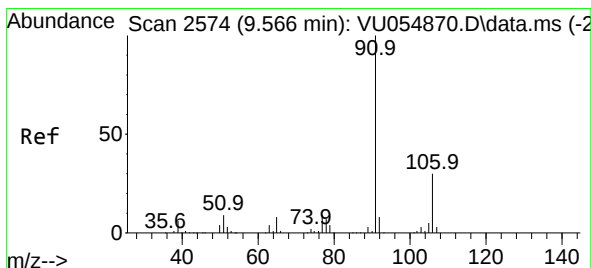
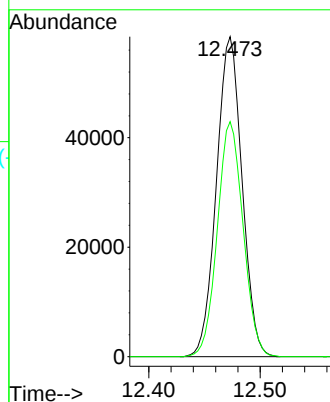
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 117 Resp: 93478
Ion Ratio Lower Upper
117 100
201 73.7 56.1 84.1

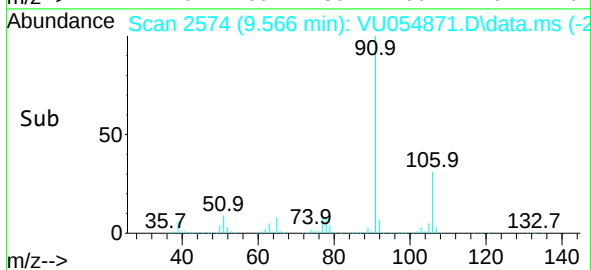
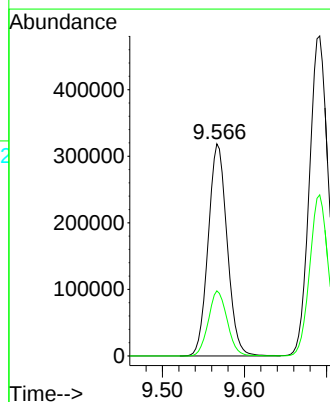
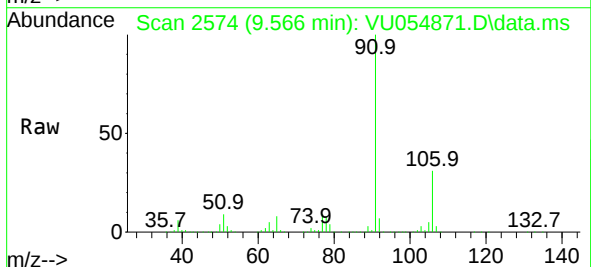
Manual Integrations
APPROVED

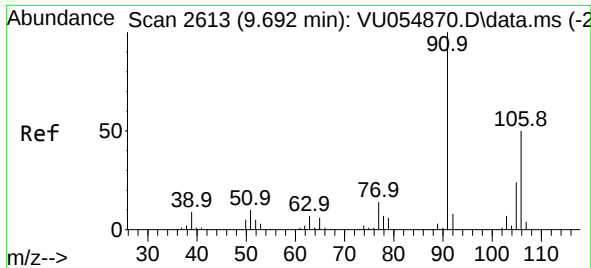
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#63
Ethyl Benzene
Concen: 16.066 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Tgt Ion: 91 Resp: 512460
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.2





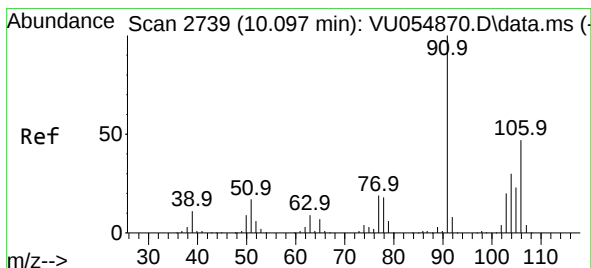
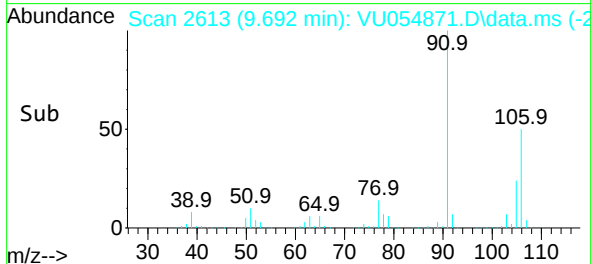
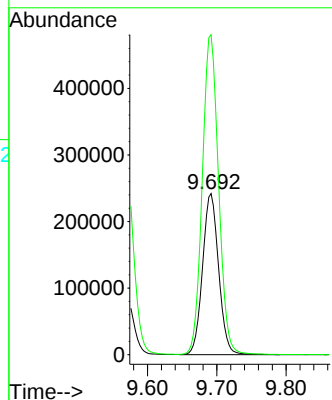
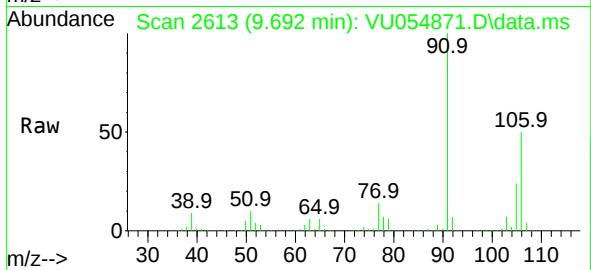
#64
m/p-Xylenes
Concen: 32.589 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:106 Resp: 388909
Ion Ratio Lower Upper
106 100
91 201.6 158.8 238.2

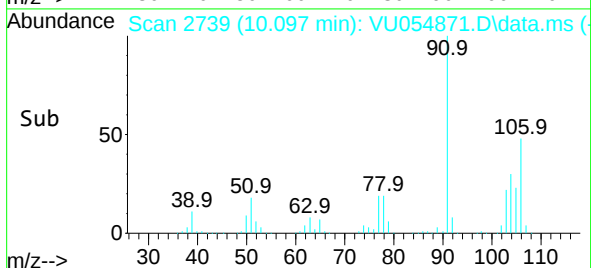
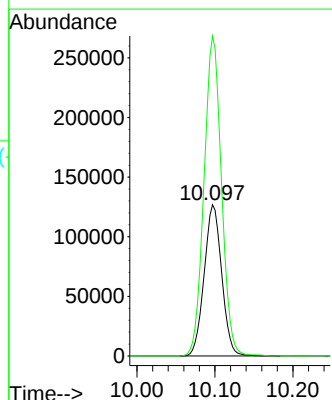
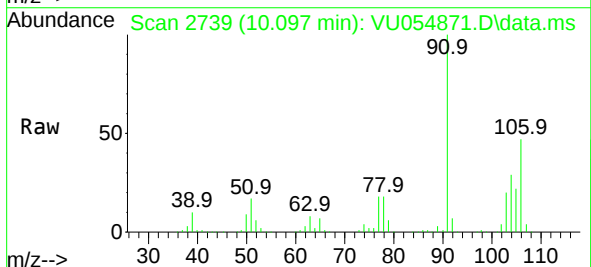
Manual Integrations
APPROVED

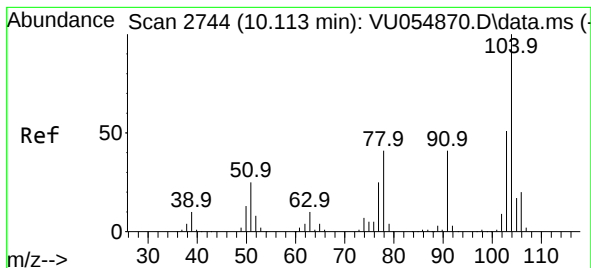
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#65
o-Xylene
Concen: 16.153 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Tgt Ion:106 Resp: 197997
Ion Ratio Lower Upper
106 100
91 211.3 108.9 326.8





#66

Styrene

Concen: 16.541 ug/l

RT: 10.110 min Scan# 2744

Delta R.T. 0.000 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

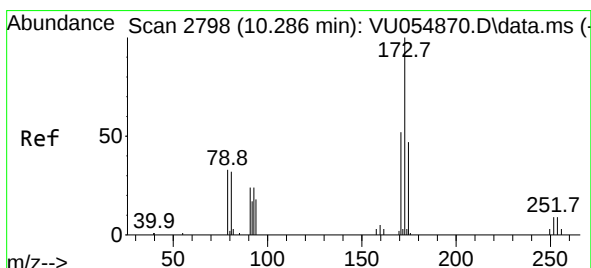
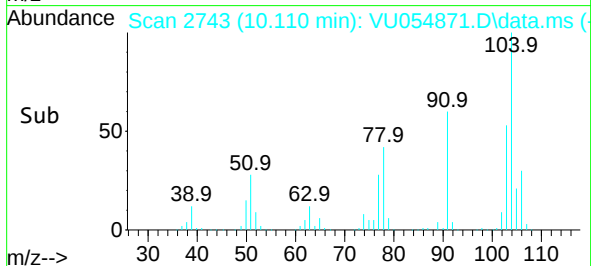
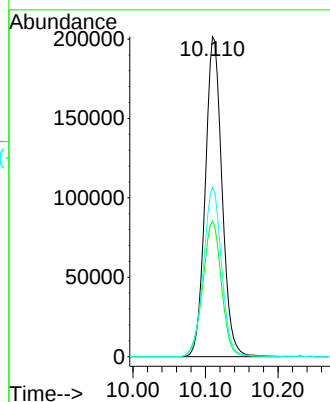
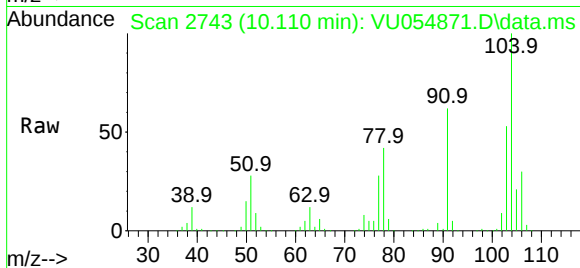
VSTDIC015

Tgt Ion:104 Resp: 32417
 Ion Ratio Lower Upper
 104 100
 78 47.1 37.5 56.3
 103 57.0 45.2 67.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#67

Bromoform

Concen: 17.585 ug/l

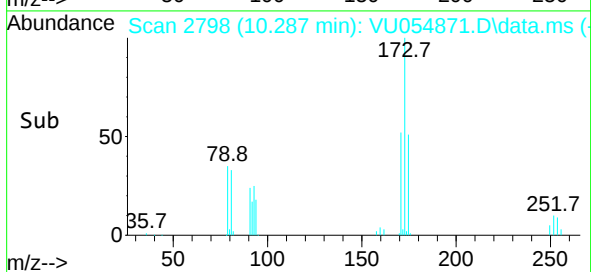
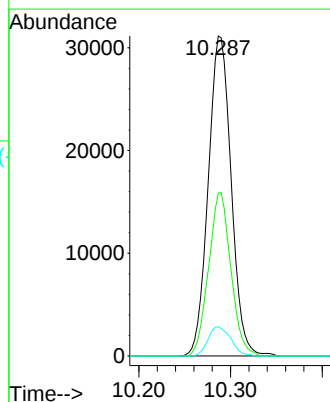
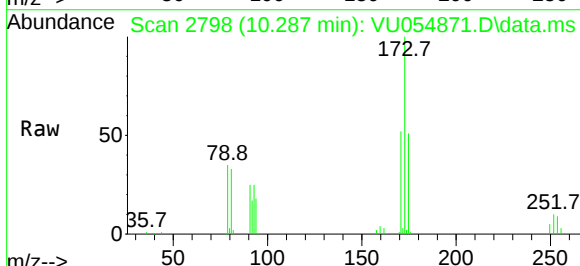
RT: 10.287 min Scan# 2798

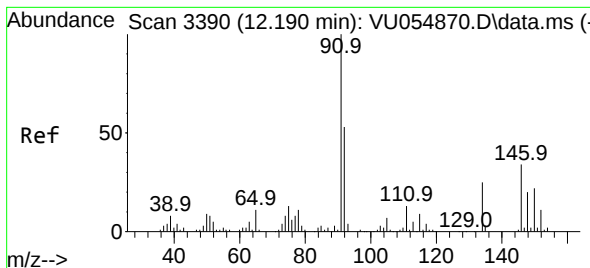
Delta R.T. 0.000 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

Tgt Ion:173 Resp: 54079
 Ion Ratio Lower Upper
 173 100
 175 49.5 39.0 58.6
 254 9.1 7.4 11.0





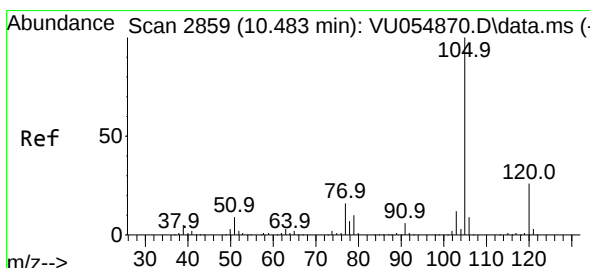
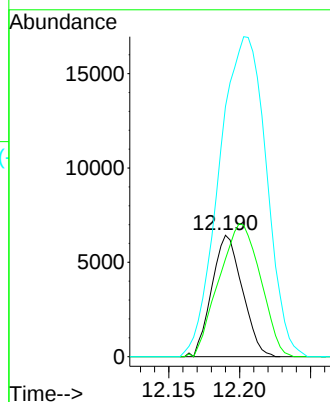
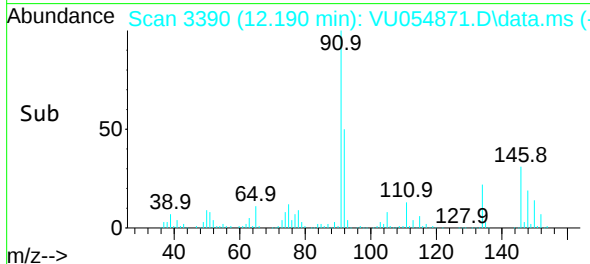
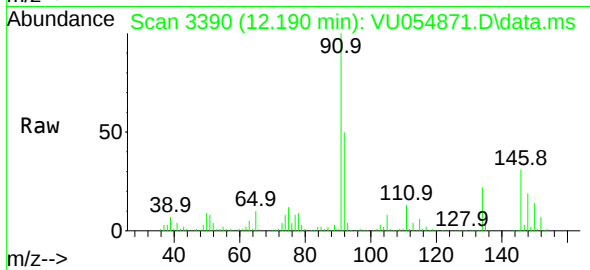
#68
1,2-Dichlorobenzene-d4
Concen: 1.031 ug/l
RT: 12.190 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:152 Resp: 9644
Ion Ratio Lower Upper
152 100
115 149.0 0.0 234.8
150 407.3 0.0 598.2

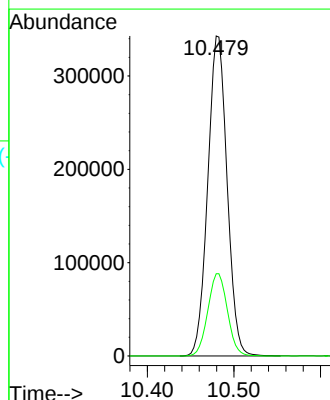
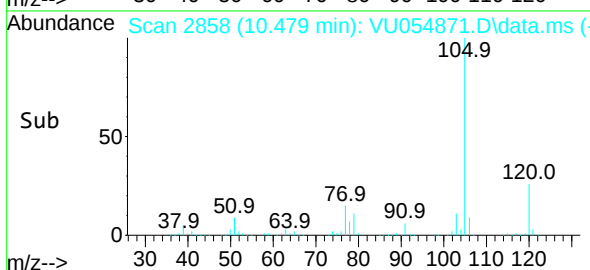
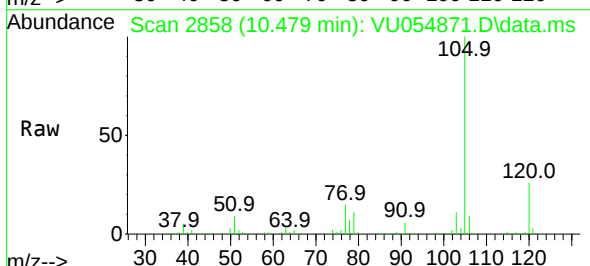
Manual Integrations
APPROVED

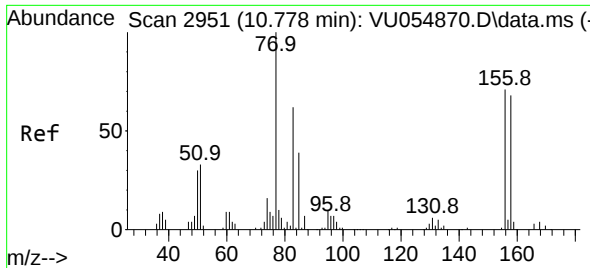
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#69
Isopropylbenzene
Concen: 16.129 ug/l
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

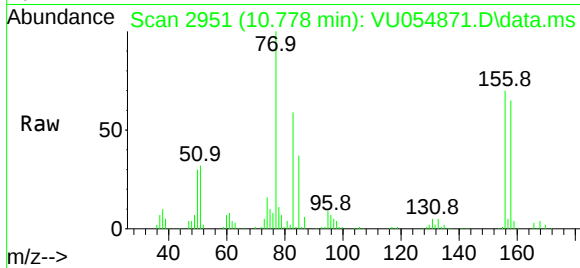
Tgt Ion:105 Resp: 530759
Ion Ratio Lower Upper
105 100
120 26.1 12.6 37.6





#70
1,1,2,2-Tetrachloroethane
Concen: 16.228 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

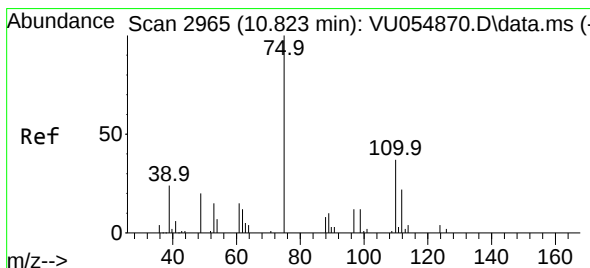
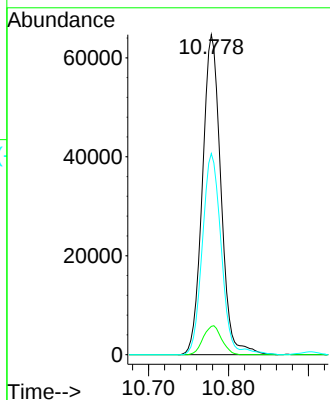
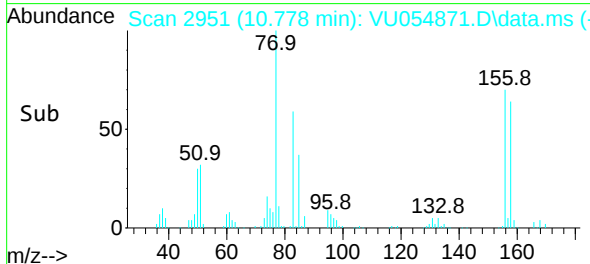
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



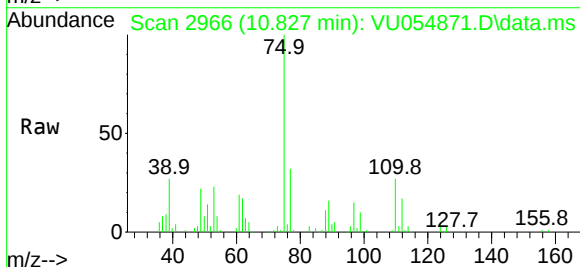
Tgt Ion: 83 Resp: 103960
Ion Ratio Lower Upper
83 100
131 9.0 7.5 11.3
85 64.5 53.0 79.6

Manual Integrations
APPROVED

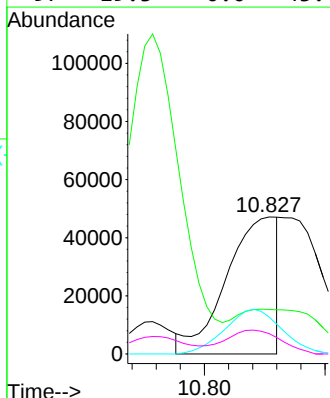
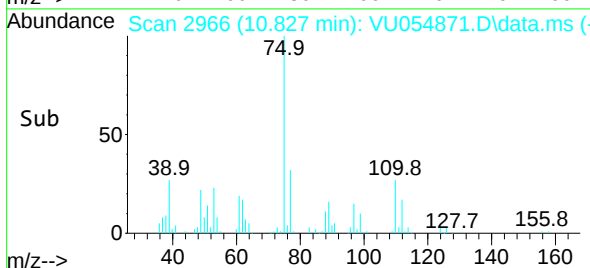
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

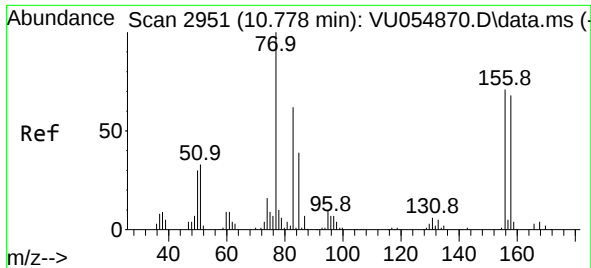


#71
1,2,3-Trichloropropane
Concen: 15.088 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40



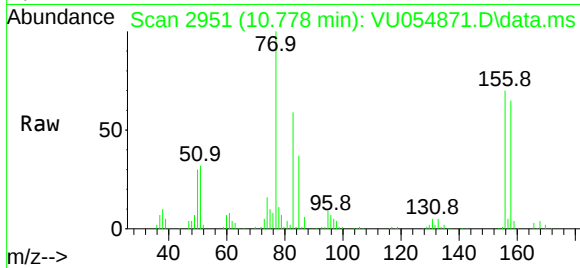
Tgt Ion: 75 Resp: 69389
Ion Ratio Lower Upper
75 100
77 51.1 0.0 0.0#
110 36.5 0.0 80.8
97 19.3 0.0 43.4





#72
Bromobenzene
Concen: 16.757 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

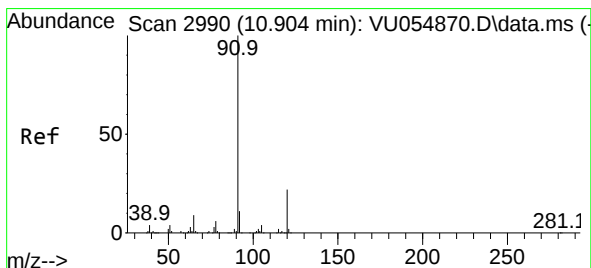
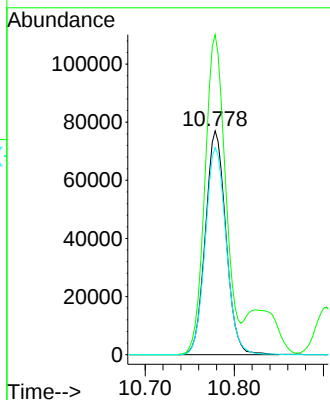
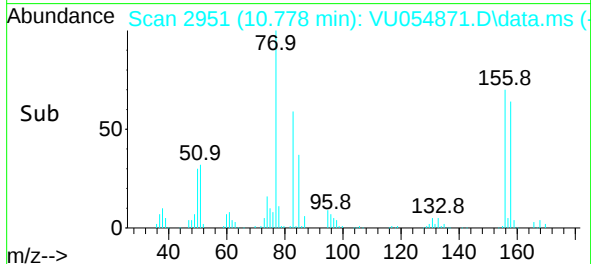
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



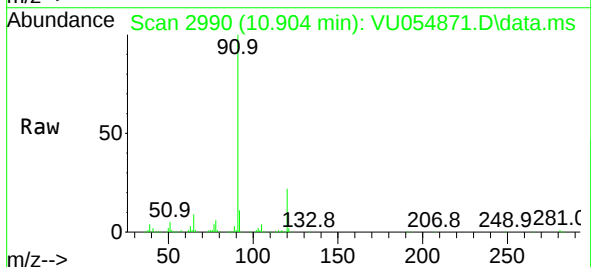
Tgt Ion:156 Resp: 122777
Ion Ratio Lower Upper
156 100
77 144.0 0.0 293.2
158 94.8 0.0 189.8

Manual Integrations
APPROVED

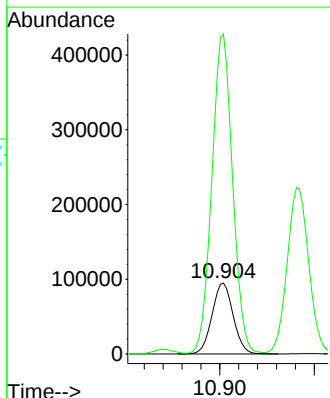
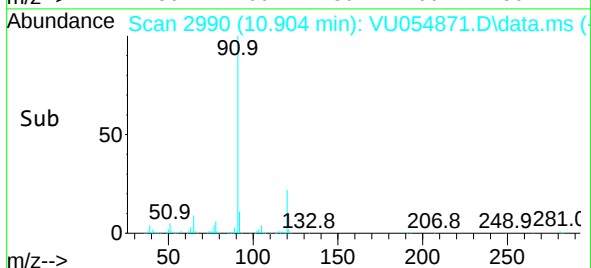
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

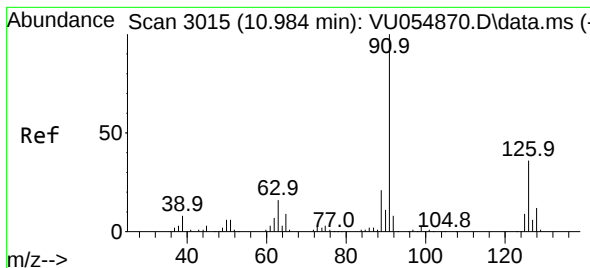


#73
n-propylbenzene
Concen: 16.693 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. 0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40



Tgt Ion:120 Resp: 147013
Ion Ratio Lower Upper
120 100
91 441.3 361.8 542.6





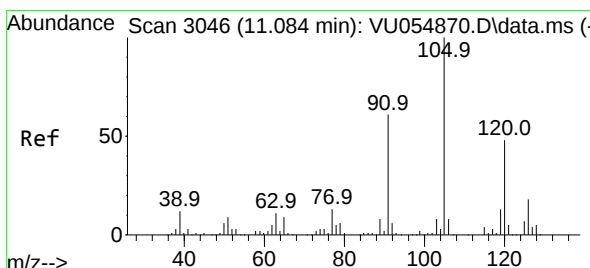
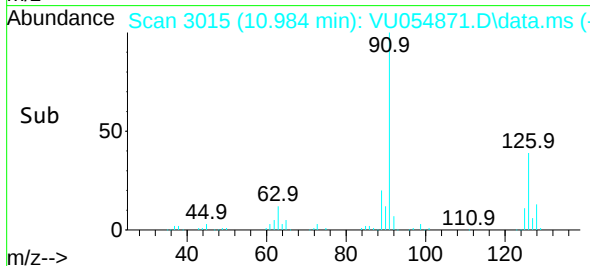
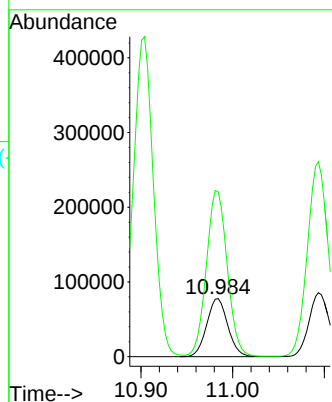
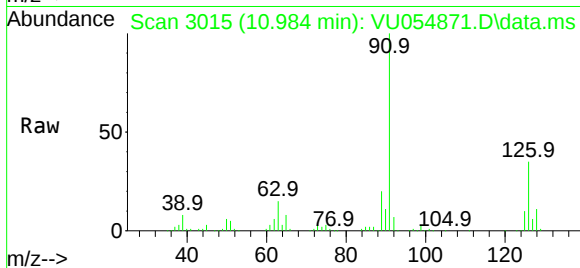
#74
2-Chlorotoluene
Concen: 16.320 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:126 Resp: 12442
Ion Ratio Lower Upper
126 100
91 281.0 0.0 561.4

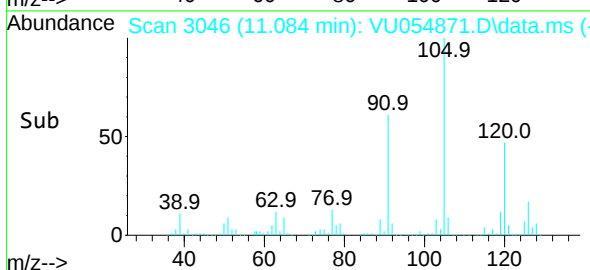
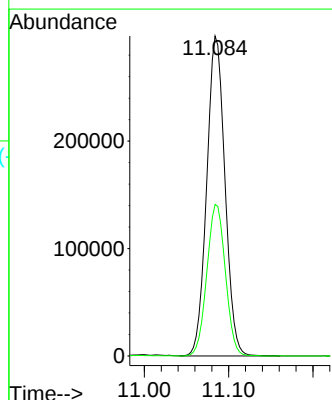
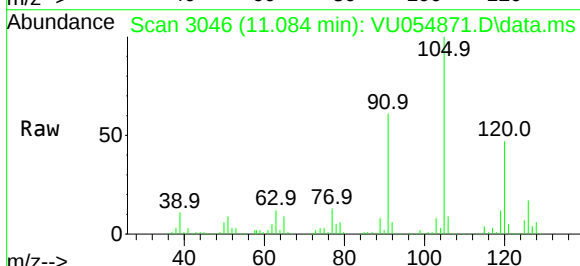
Manual Integrations
APPROVED

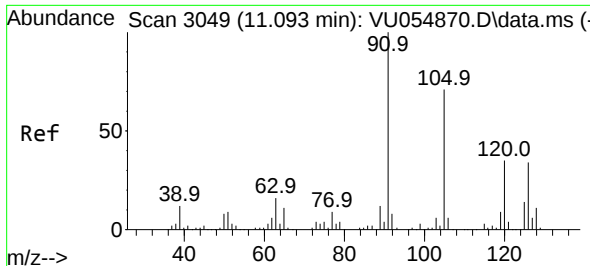
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#75
1,3,5-Trimethylbenzene
Concen: 16.831 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Tgt Ion:105 Resp: 448534
Ion Ratio Lower Upper
105 100
120 48.1 39.0 58.4





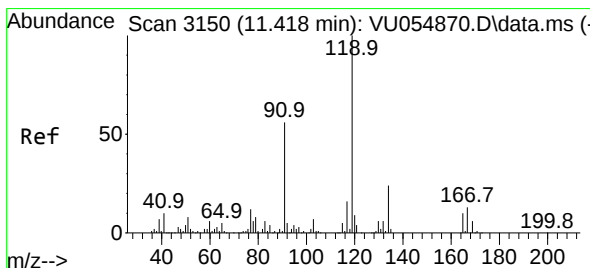
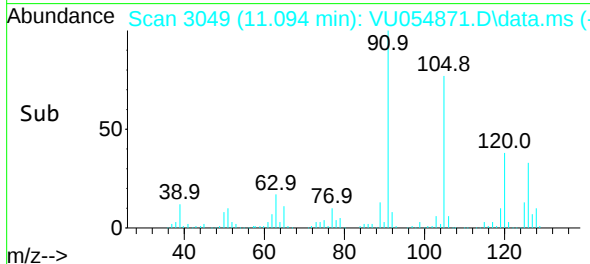
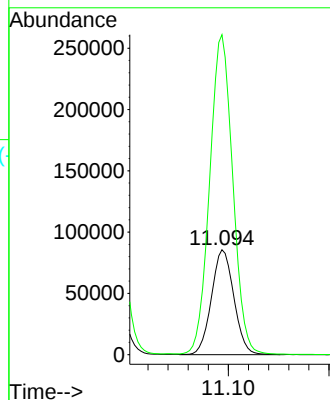
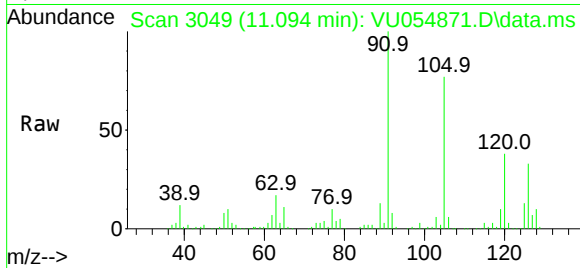
#76
4-Chlorotoluene
Concen: 16.758 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion:126 Resp: 132740
Ion Ratio Lower Upper
126 100
91 313.0 0.0 623.4

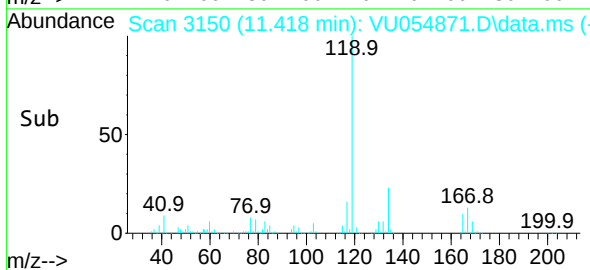
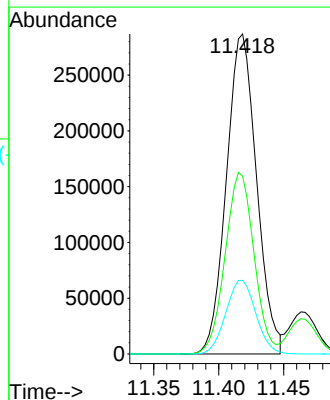
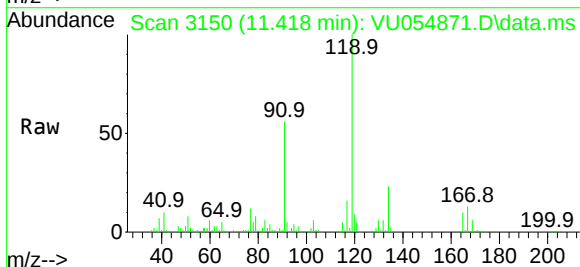
Manual Integrations
APPROVED

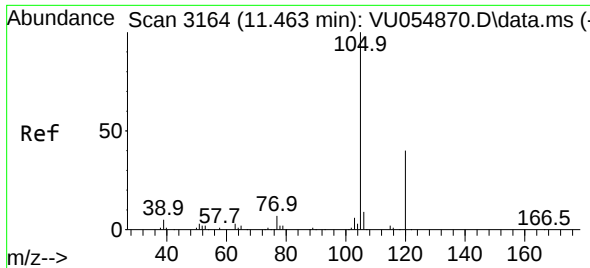
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#77
tert-Butylbenzene
Concen: 16.747 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Tgt Ion:119 Resp: 464128
Ion Ratio Lower Upper
119 100
91 54.1 27.7 83.1
134 22.8 18.6 27.8





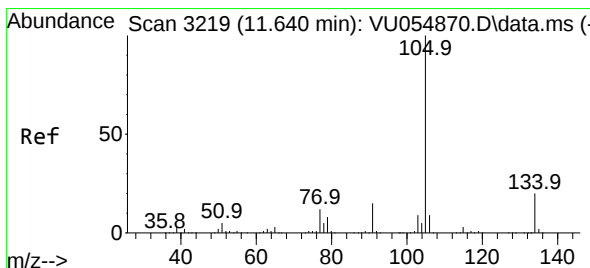
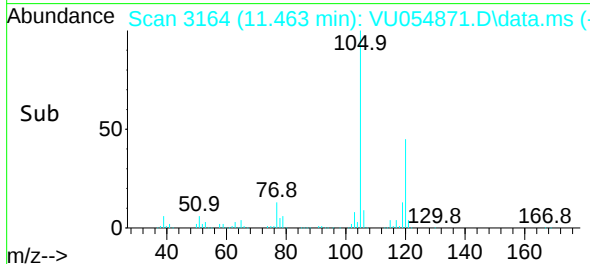
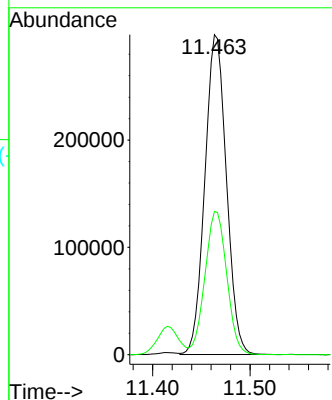
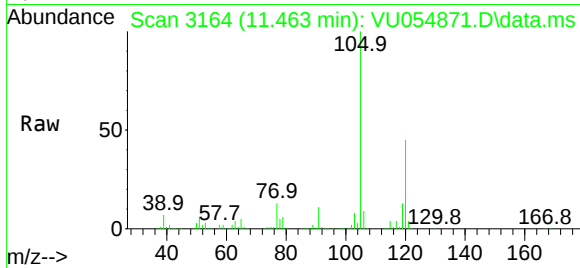
#78
1,2,4-Trimethylbenzene
Concen: 16.809 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:105 Resp: 458574
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3

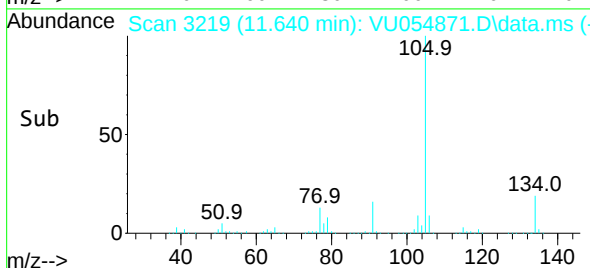
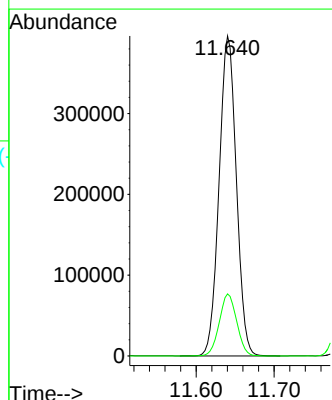
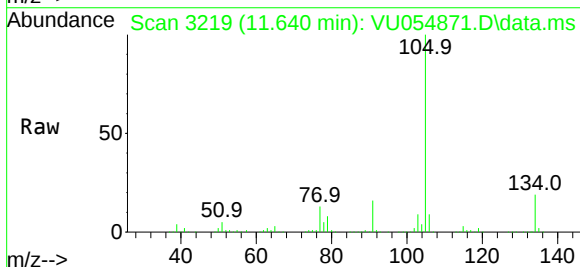
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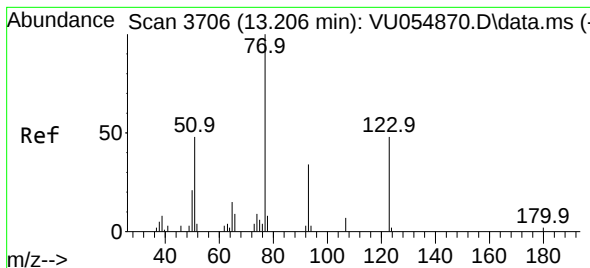
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#79
sec-Butylbenzene
Concen: 16.891 ug/l
RT: 11.640 min Scan# 3219
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

Tgt Ion:105 Resp: 608534
Ion Ratio Lower Upper
105 100
134 19.6 15.7 23.5





#80

Nitrobenzene

Concen: 92.603 ug/l

RT: 13.206 min Scan# 3706

Delta R.T. 0.003 min

Lab File: VU054871.D

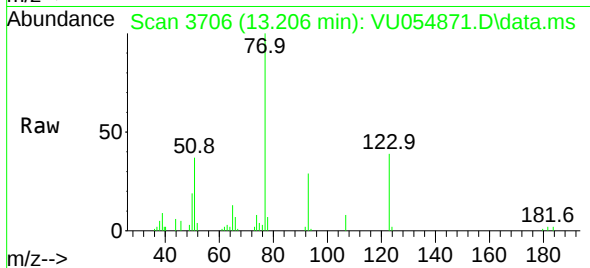
Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015



Tgt Ion: 77 Resp: 15580

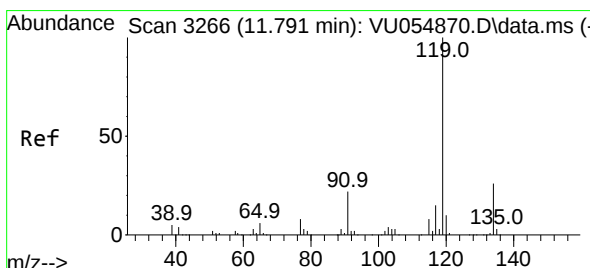
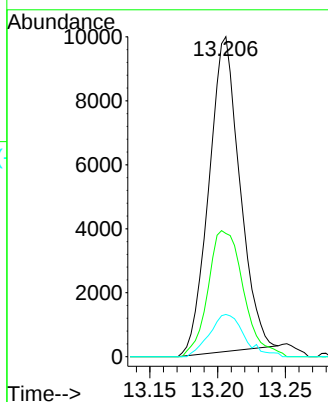
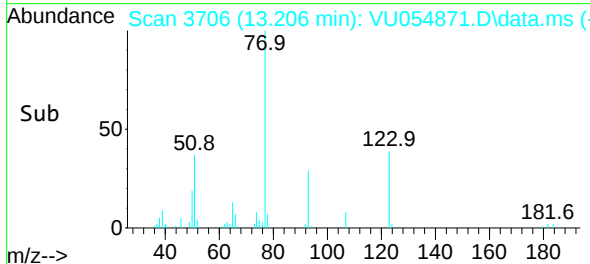
Ion	Ratio	Lower	Upper
77	100		
123	45.9	20.2	71.8
65	15.2	11.7	14.9

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Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#81

p-Isopropyltoluene

Concen: 17.788 ug/l

RT: 11.791 min Scan# 3266

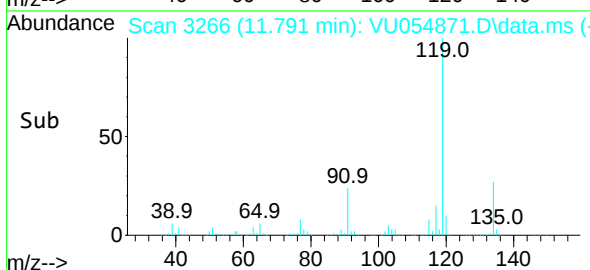
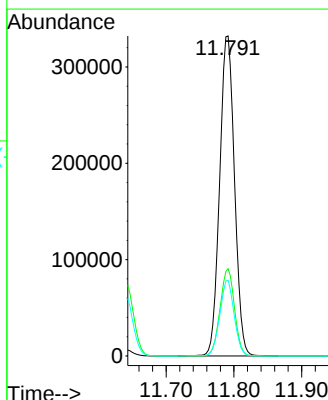
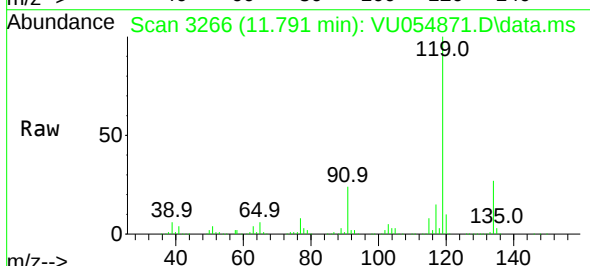
Delta R.T. 0.003 min

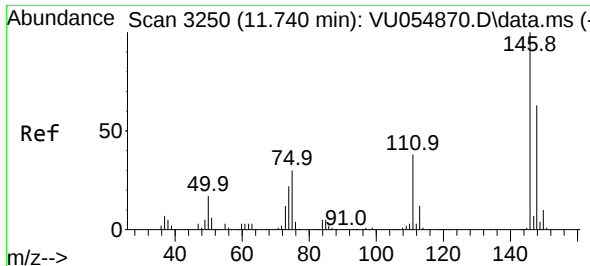
Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

Tgt Ion:119 Resp: 505776

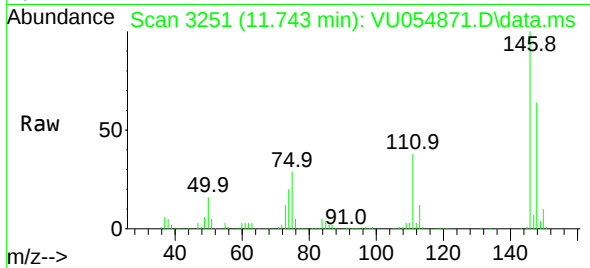
Ion	Ratio	Lower	Upper
119	100		
134	26.4	20.6	31.0
91	22.8	18.2	27.4





#82
1,3-Dichlorobenzene
Concen: 16.091 ug/l
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

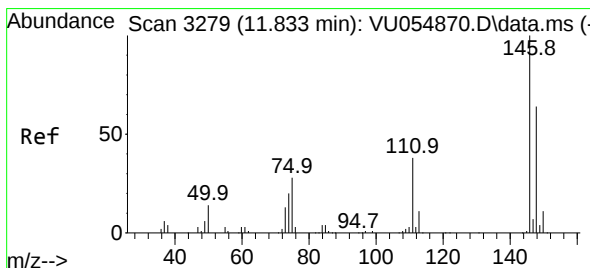
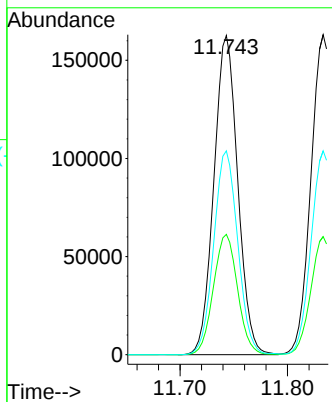
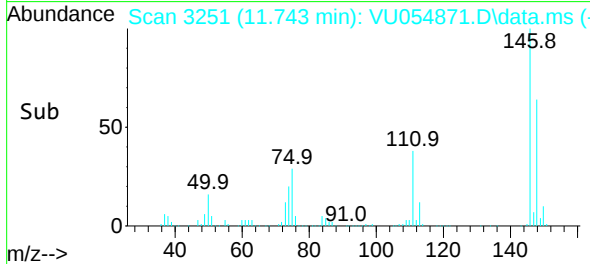
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



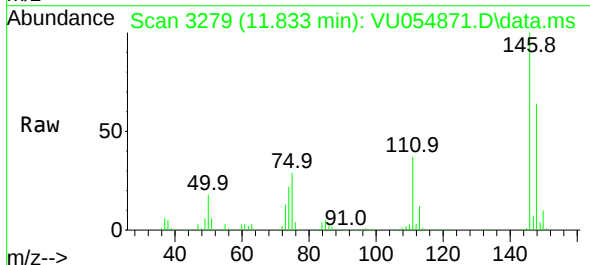
Tgt Ion:146 Resp: 250980
Ion Ratio Lower Upper
146 100
111 38.2 30.5 45.7
148 64.4 51.0 76.6

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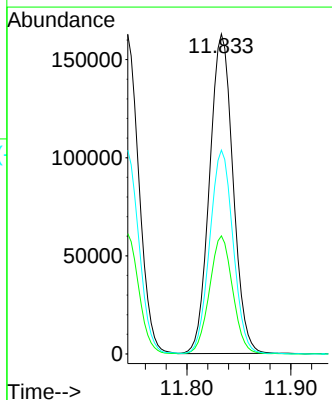
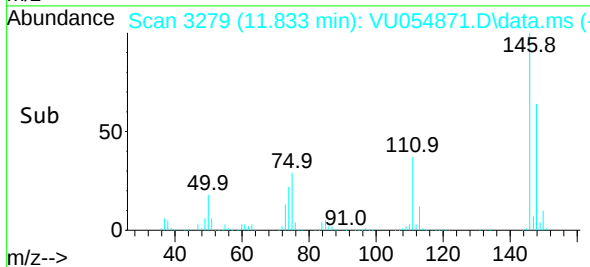
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

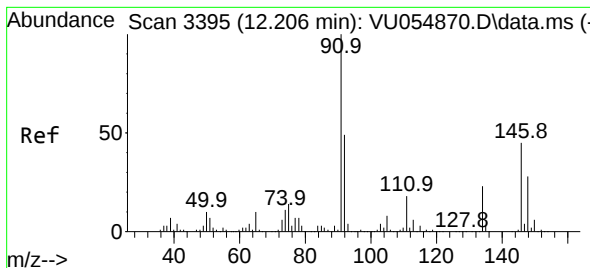


#83
1,4-Dichlorobenzene
Concen: 16.409 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40



Tgt Ion:146 Resp: 255140
Ion Ratio Lower Upper
146 100
111 36.6 29.5 44.3
148 63.3 51.2 76.8





#84

n-Butylbenzene

Concen: 19.311 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 91 Resp: 493190

Ion Ratio Lower Upper

91 100

92 50.6 39.8 59.8

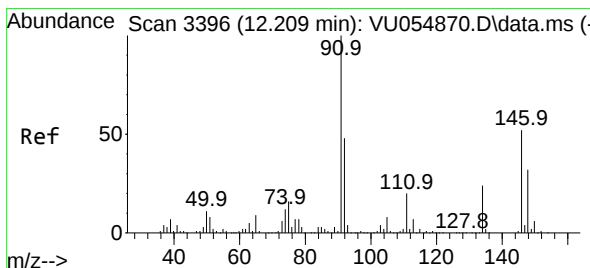
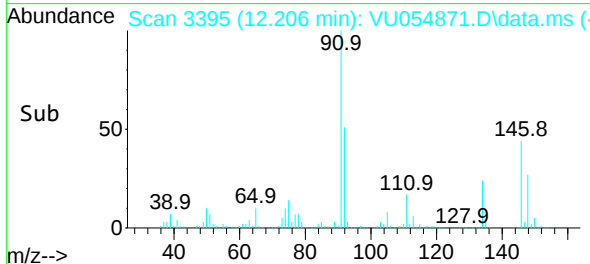
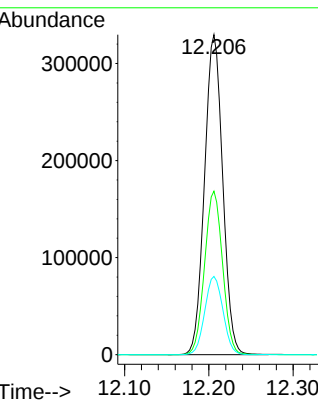
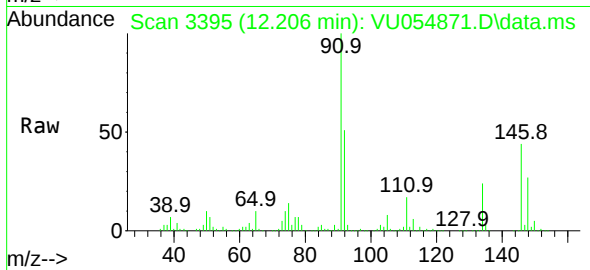
134 24.5 20.2 30.4

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Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#85

1,2-Dichlorobenzene

Concen: 16.126 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.003 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

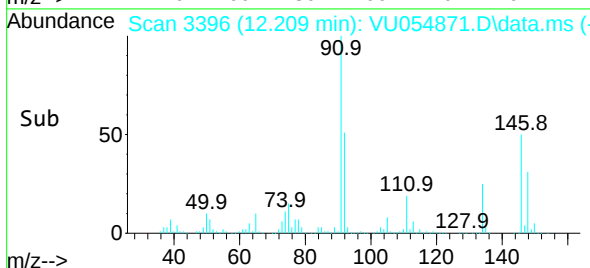
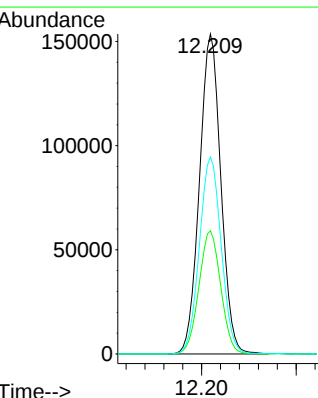
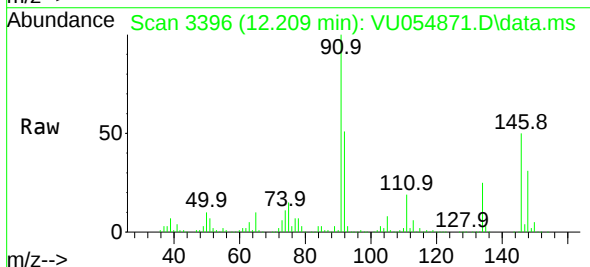
Tgt Ion:146 Resp: 241118

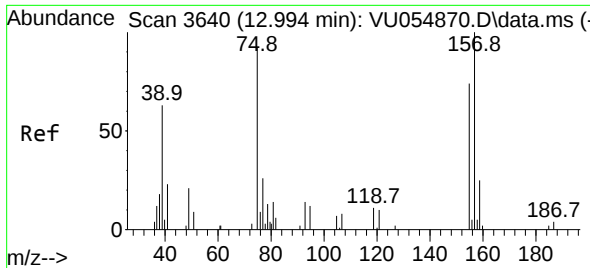
Ion Ratio Lower Upper

146 100

111 39.2 19.8 59.4

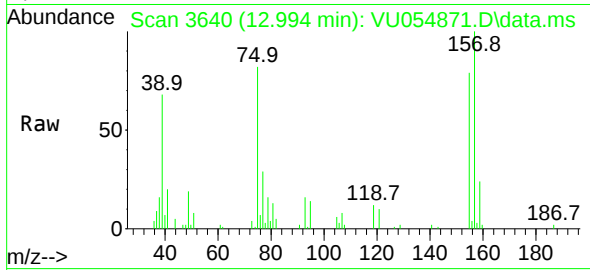
148 62.9 31.8 95.3





#86
1,2-Dibromo-3-Chloropropane
Concen: 16.992 ug/l
RT: 12.994 min Scan# 30
Delta R.T. 0.004 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40

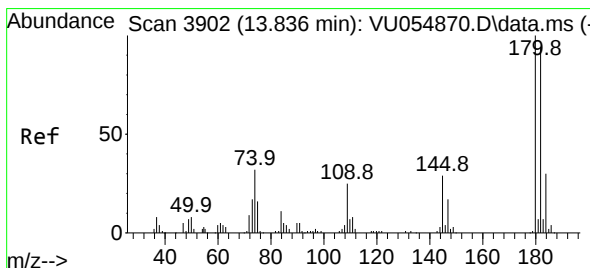
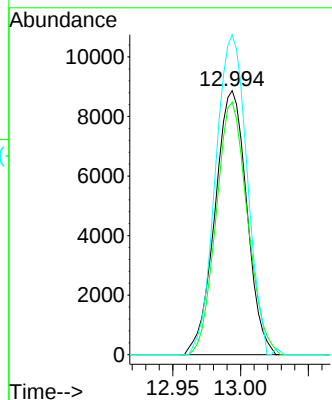
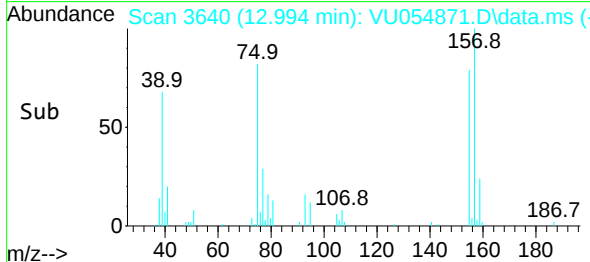
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



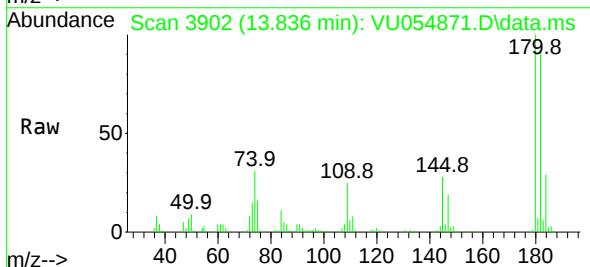
Tgt Ion: 75 Resp: 1447
Ion Ratio Lower Upper
75 100
155 94.2 74.8 112.2
157 119.5 97.4 146.0

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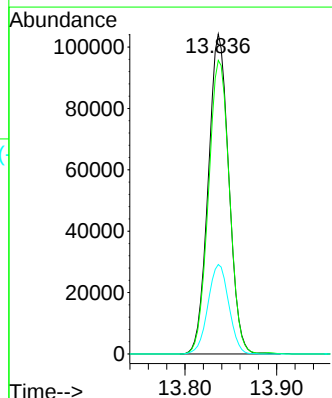
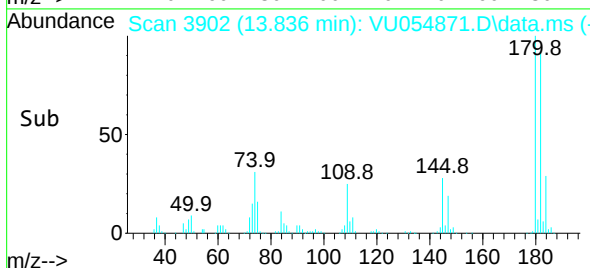
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

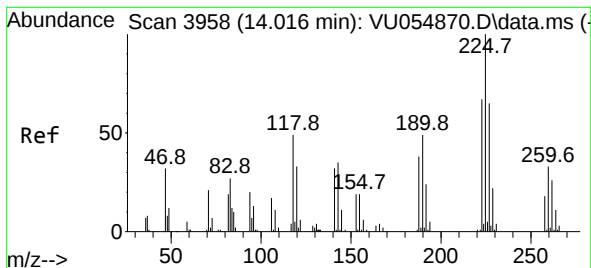


#87
1,2,4-Trichlorobenzene
Concen: 17.015 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054871.D
Acq: 25 Jul 2023 16:40



Tgt Ion:180 Resp: 162266
Ion Ratio Lower Upper
180 100
182 93.7 77.0 115.6
145 28.3 23.4 35.0





#88

Hexachlorobutadiene

Concen: 17.262 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.000 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

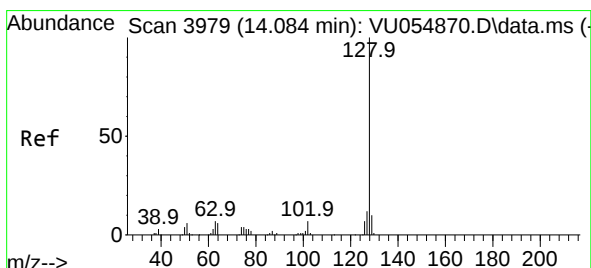
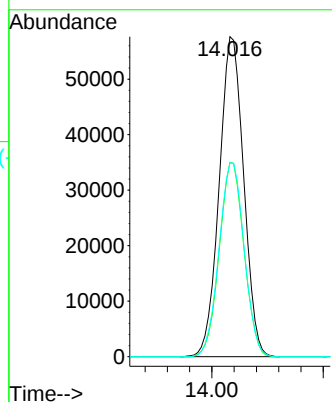
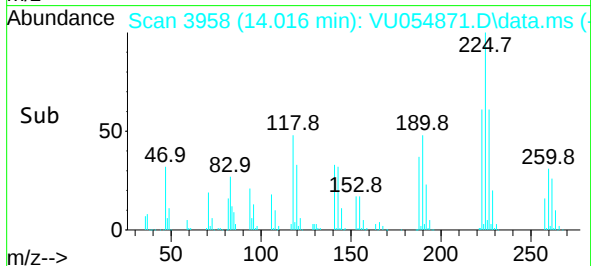
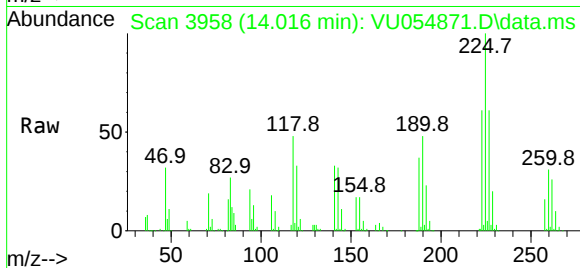
VSTDIC015

Tgt Ion:	225	Resp:	8779
Ion Ratio	Lower	Upper	
225	100		
223	61.3	50.6	76.0
227	62.5	50.7	76.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#89

Naphthalene

Concen: 17.781 ug/l

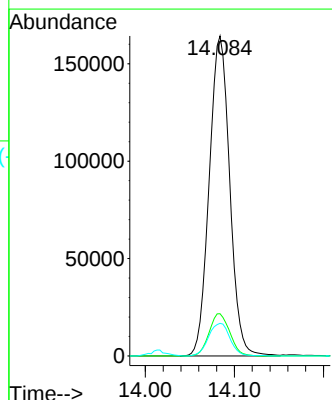
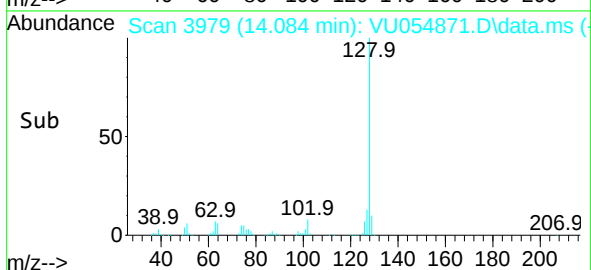
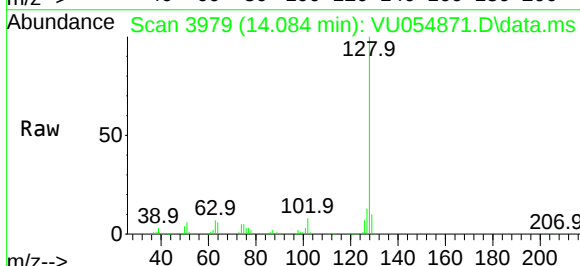
RT: 14.084 min Scan# 3979

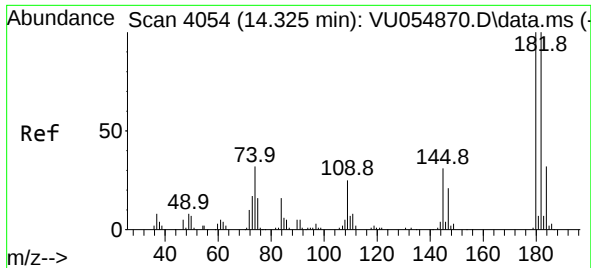
Delta R.T. -0.000 min

Lab File: VU054871.D

Acq: 25 Jul 2023 16:40

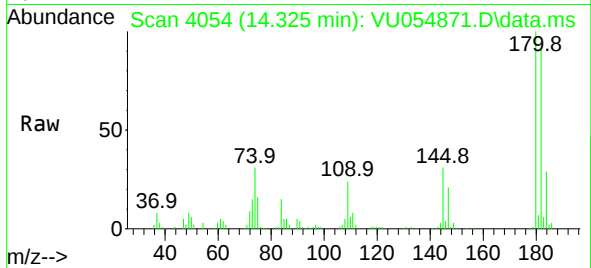
Tgt Ion:	128	Resp:	262579
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.7	8.7	13.1





#90
 1,2,3-Trichlorobenzene
 Concen: 16.904 ug/l
 RT: 14.325 min Scan# 4054
 Delta R.T. 0.000 min
 Lab File: VU054871.D
 Acq: 25 Jul 2023 16:40

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



Tgt Ion:180 Resp: 143027
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.0 114.0
 145 30.3 24.3 36.5

Manual Integrations
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Reviewed By :Mahesh Dadoda 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

