

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072523\
 Data File : VU054866.D
 Acq On : 25 Jul 2023 09:52
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 08:40:15 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	27754	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	8687	1.032	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	8506	0.894	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	2847	0.539	ug/l	96
3) Chloromethane	1.515	50	3277	0.552	ug/l	98
4) Vinyl Chloride	1.602	62	4281	0.540	ug/l	100
5) Bromomethane	1.856	94	3683	0.586	ug/l	84
6) Chloroethane	1.933	64	4466	0.545	ug/l	96
7) Trichlorofluoromethane	2.136	101	10062	0.540	ug/l	91
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	3341	0.553	ug/l #	85
9) 1,1-Dichloroethene	2.576	96	2458	0.513	ug/l	97
11) Allyl Chloride	2.924	41	3020	0.527	ug/l	86
12) Acrylonitrile	3.361	53	1237m	1.027	ug/l	
13) Acetone	2.663	43	3416m	2.670	ug/l	
14) Carbon Disulfide	2.792	76	4864	0.586	ug/l	96
15) Methylene Chloride	3.042	84	4762	0.731	ug/l #	85
16) trans-1,2-Dichloroethene	3.348	96	2628	0.504	ug/l	91
17) 1,1-Dichloroethane	3.872	63	6679	0.572	ug/l	97
18) 2-Butanone	4.734	43	4011m	2.435	ug/l	
19) Cyclohexane	5.383	56	3661	0.558	ug/l	97
20) Methylcyclohexane	6.759	83	4222	0.481	ug/l	91
21) 2,2-Dichloropropane	4.663	77	6433	0.595	ug/l	93
22) cis-1,2-Dichloroethene	4.673	96	3587	0.517	ug/l	90
23) Diethyl Ether	2.374	59	3847	0.544	ug/l	90
25) Methyl tert-Butyl Ether	3.361	73	7682	0.518	ug/l #	86
26) Bromochloromethane	4.978	128	1346	0.473	ug/l	85
27) Chloroform	5.084	83	6532	0.521	ug/l	94
28) 1,1,1-Trichloroethane	5.306	97	5721	0.529	ug/l	96
29) 1,1-Dichloropropene	5.531	75	4068	0.510	ug/l	95
30) Carbon Tetrachloride	5.521	117	5122	0.567	ug/l	95
31) Isopropyl Ether	3.991	45	9555	0.555	ug/l	98
32) Ethyl-t-butyl ether	4.499	59	9677	0.546	ug/l	99
33) Tert-Amyl methyl ether	5.936	73	9261	0.552	ug/l	96
34) Propionitrile	4.833	54	795m	1.751	ug/l	
35) Benzene	5.776	78	13769	0.551	ug/l	99
36) 1,2-Dichloroethane	5.798	62	3795	0.534	ug/l #	90
37) Trichloroethene	6.538	130	3609	0.537	ug/l	99
38) 1,2-Dichloropropane	6.788	63	3922	0.555	ug/l	98
39) Methacrylonitrile	4.997	41	969m	0.550	ug/l	
40) Methyl acrylate	4.882	55	1570m	0.561	ug/l	
41) Tetrahydrofuran	5.071	42	1035m	1.020	ug/l	
42) 1-Chlorobutane	5.454	56	5707	0.546	ug/l	98
43) Dibromomethane	6.920	93	1643	0.495	ug/l #	79
44) Bromodichloromethane	7.107	83	4672	0.505	ug/l	90
45) 4-Methyl-2-Pentanone	7.795	43	10611	2.740	ug/l	95
46) t-1,4-Dichloro-2-butene	10.833	75	1259m	0.796	ug/l	

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.965	69	2796	0.921	ug/l	88
48) Ethyl methacrylate	8.335	69	3115	0.508	ug/l	99
49) Toluene	7.968	92	8162	0.513	ug/l	99
50) t-1,3-Dichloropropene	8.213	75	4171	0.508	ug/l	92
51) cis-1,3-Dichloropropene	7.608	75	5314	0.527	ug/l	96
52) 1,1,2-Trichloroethane	8.399	97	2582	0.491	ug/l #	81
53) 1,3-Dichloropropane	8.573	76	4081	0.479	ug/l	97
54) 2-Hexanone	8.692	43	6380	2.318	ug/l	91
55) Dibromochloromethane	8.808	129	3250	0.539	ug/l	86
56) 1,2-Dibromoethane	8.923	107	2186	0.490	ug/l	87
58) Tetrachloroethene	8.554	164	3021	0.515	ug/l	90
59) Chlorobenzene	9.444	112	10109	0.523	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.528	131	3444	0.505	ug/l	97
61) Pentachloroethane	11.418	117	2659	0.499	ug/l	94
62) Hexachloroethane	12.473	117	2593	0.473	ug/l	87
63) Ethyl Benzene	9.570	91	16631	0.513	ug/l	94
64) m/p-Xylenes	9.692	106	12683	1.045	ug/l	97
65) o-Xylene	10.094	106	6537	0.525	ug/l	94
66) Styrene	10.113	104	9809	0.492	ug/l	98
67) Bromoform	10.290	173	1021	0.327	ug/l #	76
69) Isopropylbenzene	10.479	105	17120	0.512	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.782	83	3351	0.515	ug/l #	98
71) 1,2,3-Trichloropropane	10.830	75	2759m	0.590	ug/l	
72) Bromobenzene	10.782	156	3719	0.499	ug/l	85
73) n-propylbenzene	10.907	120	4317	0.482	ug/l	93
74) 2-Chlorotoluene	10.981	126	3639	0.470	ug/l	86
75) 1,3,5-Trimethylbenzene	11.084	105	13024	0.481	ug/l	99
76) 4-Chlorotoluene	11.094	126	3799	0.472	ug/l	86
77) tert-Butylbenzene	11.415	119	14309	0.508	ug/l	96
78) 1,2,4-Trimethylbenzene	11.467	105	13811	0.498	ug/l	98
79) sec-Butylbenzene	11.637	105	17211	0.470	ug/l	100
80) Nitrobenzene	13.229	77	419m	2.449	ug/l	
81) p-Isopropyltoluene	11.791	119	13185	0.456	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	8356	0.527	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	7738	0.490	ug/l	97
84) n-Butylbenzene	12.209	91	11246	0.433	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	8103	0.533	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	13.004	75	388	0.448	ug/l #	76
87) 1,2,4-Trichlorobenzene	13.836	180	5278	0.544	ug/l	96
88) Hexachlorobutadiene	14.016	225	2763	0.534	ug/l	94
90) 1,2,3-Trichlorobenzene	14.328	180	4707	0.547	ug/l	97

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

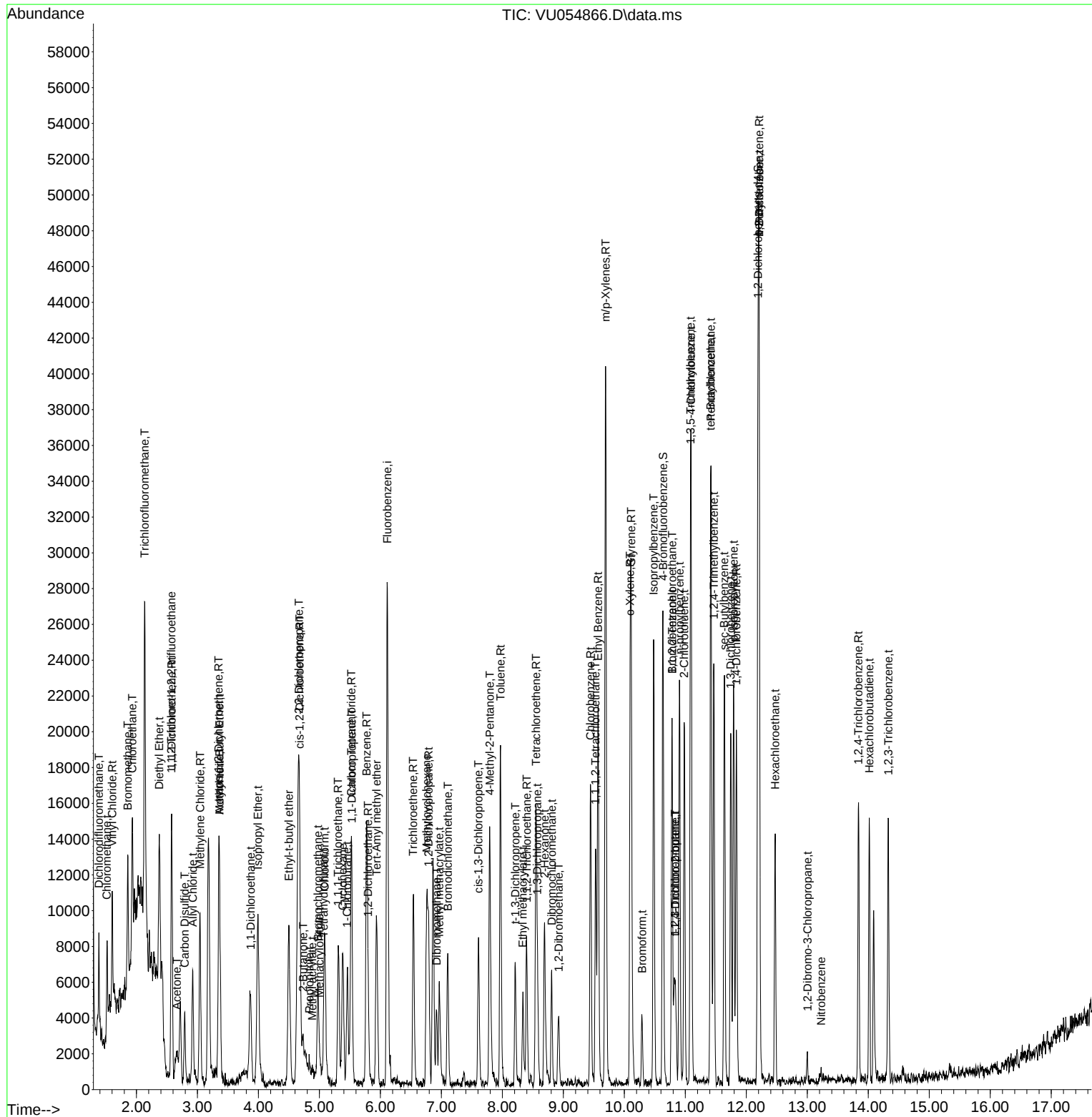
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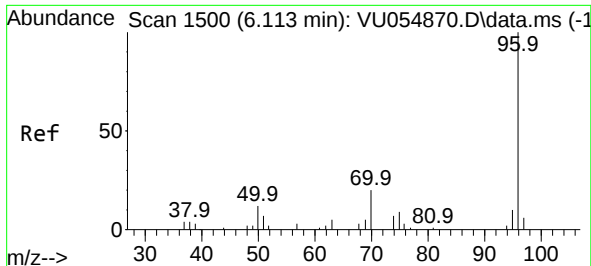
Instrument :
MSVOA_U
ClientSampleId :
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Manual Integrations
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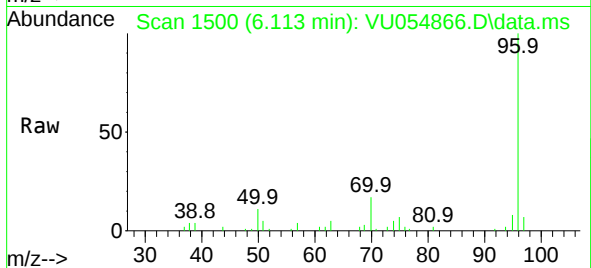
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1500
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

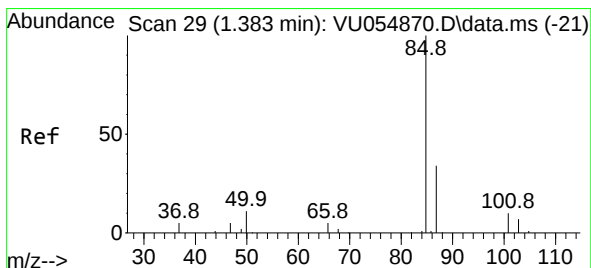
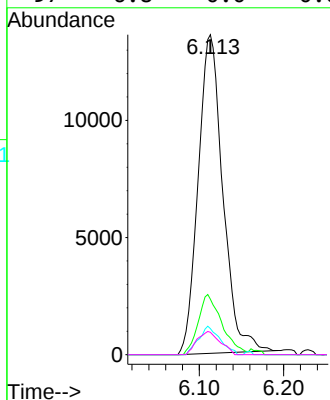
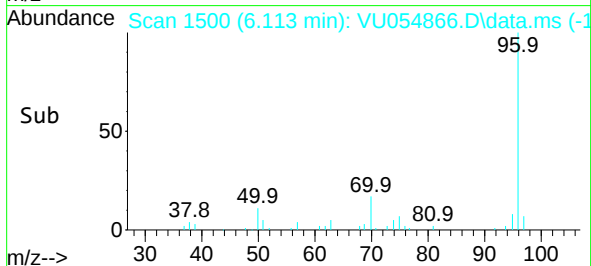
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 96 Resp: 27754
Ion Ratio Lower Upper
96 100
70 17.1 14.0 21.0
95 7.7 8.7 13.1
97 6.8 0.0 0.0#

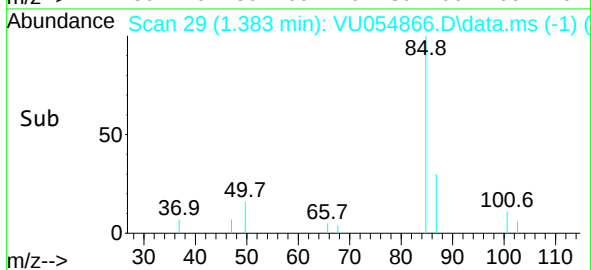
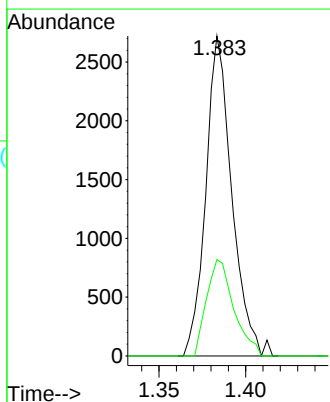
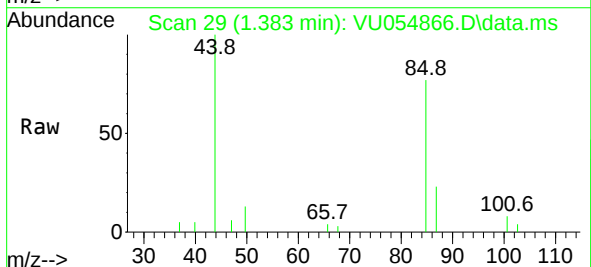
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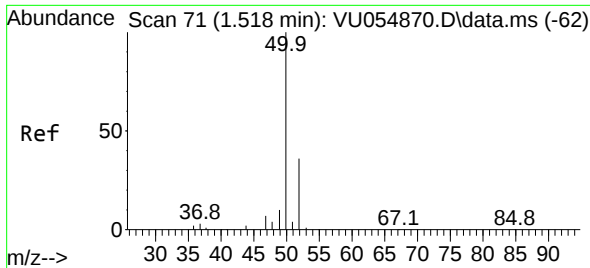
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#2
Dichlorodifluoromethane
Concen: 0.539 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

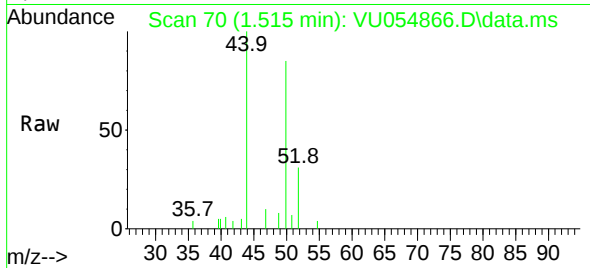
Tgt Ion: 85 Resp: 2847
Ion Ratio Lower Upper
85 100
87 30.1 16.2 48.6





#3
Chloromethane
Concen: 0.552 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

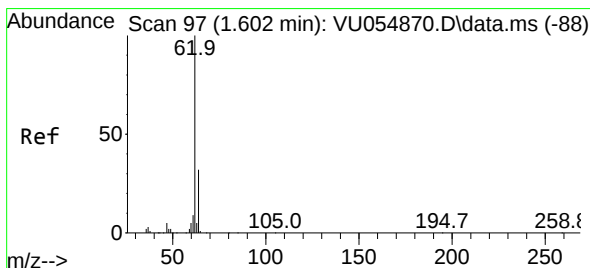
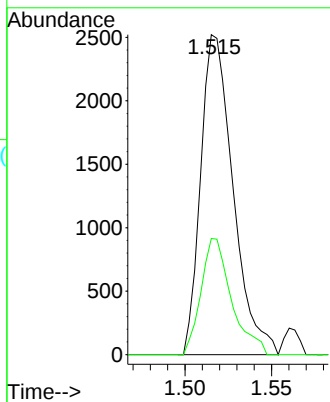
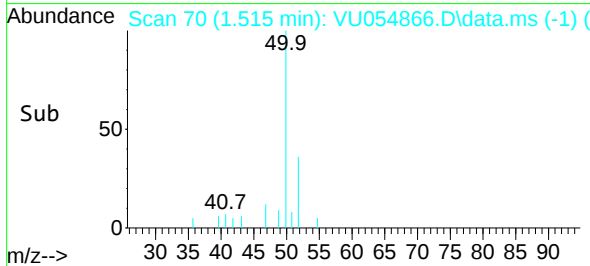
Instrument :
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ClientSampleId :
VSTDIC0.5



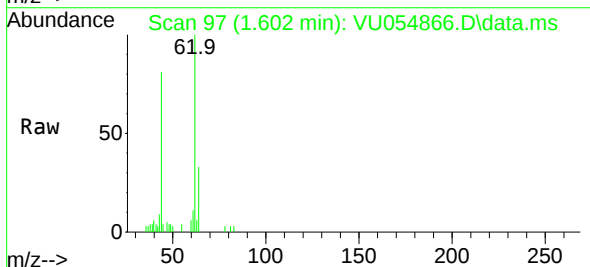
Tgt Ion: 50 Resp: 327
Ion Ratio Lower Upper
50 100
52 36.3 28.2 42.2

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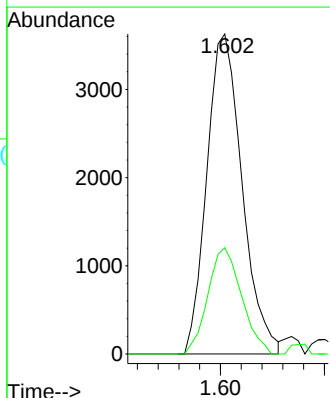
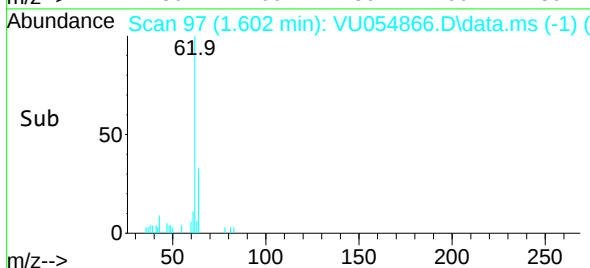
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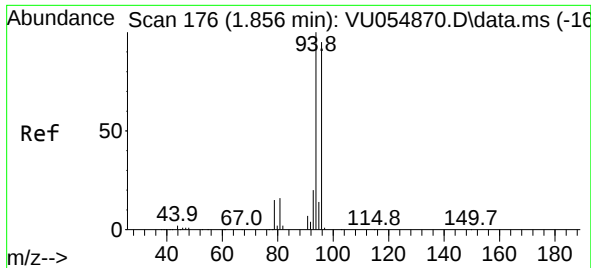


#4
Vinyl Chloride
Concen: 0.540 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52



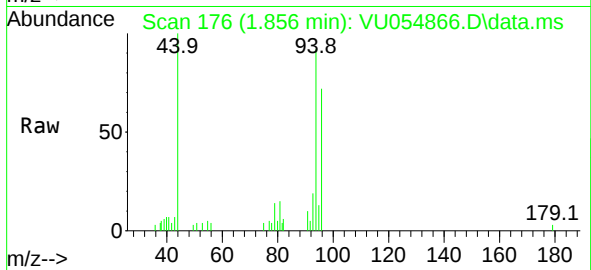
Tgt Ion: 62 Resp: 4281
Ion Ratio Lower Upper
62 100
64 33.2 26.4 39.6





#5
Bromomethane
Concen: 0.586 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

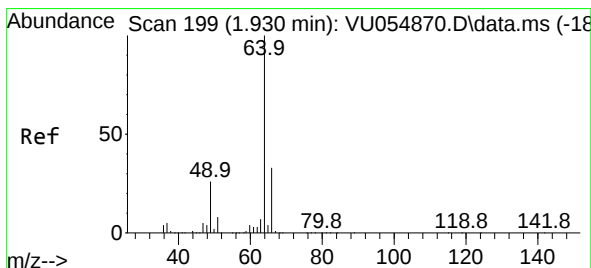
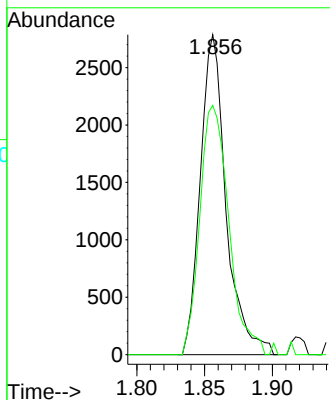
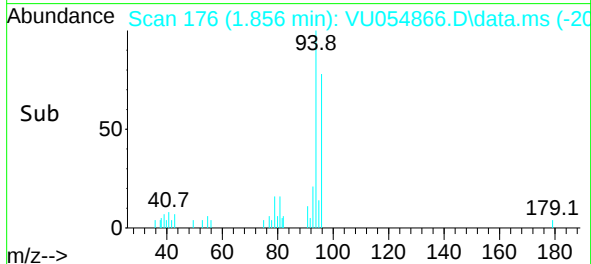
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VSTDIC0.5



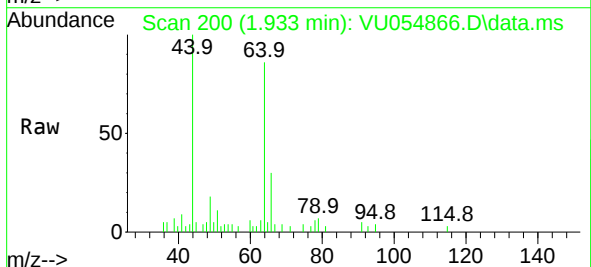
Tgt Ion: 94 Resp: 368
Ion Ratio Lower Upper
94 100
96 77.9 74.6 111.8

Manual Integrations
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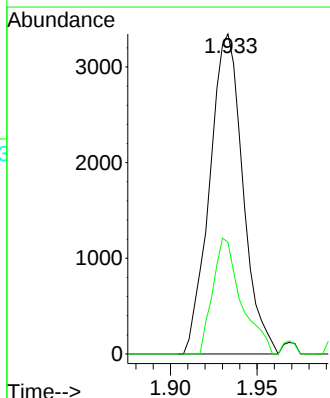
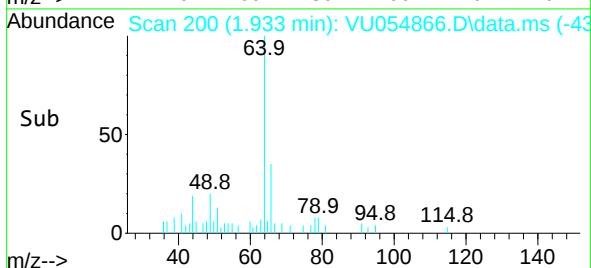
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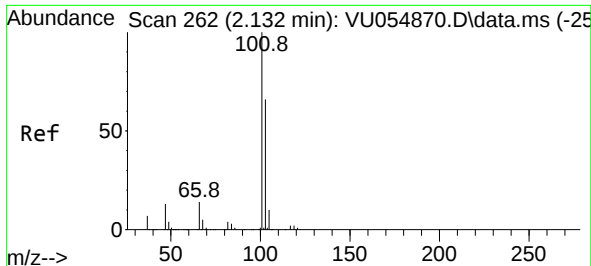


#6
Chloroethane
Concen: 0.545 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52



Tgt Ion: 64 Resp: 4466
Ion Ratio Lower Upper
64 100
66 34.9 26.2 39.4





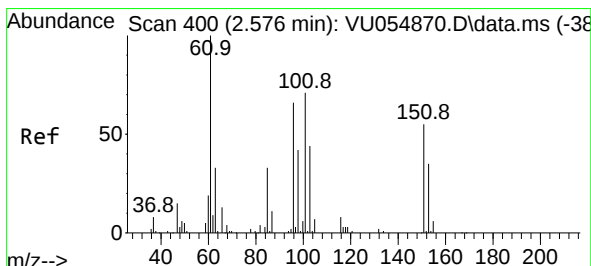
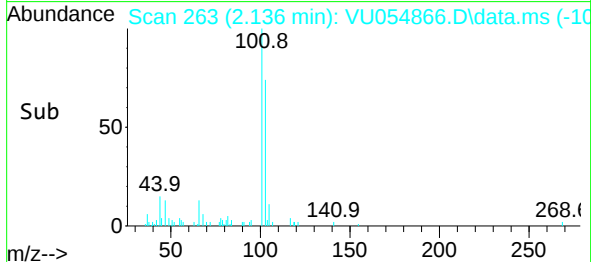
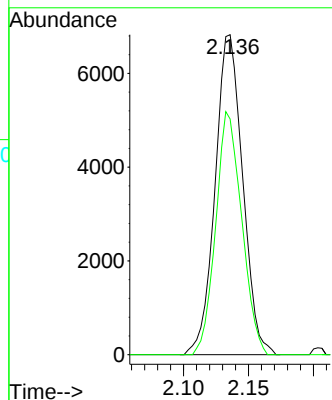
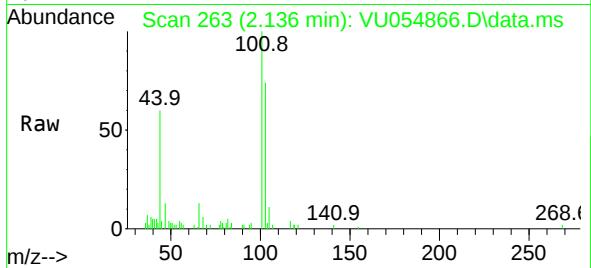
#7
 Trichlorofluoromethane
 Concen: 0.540 ug/l
 RT: 2.136 min Scan# 210
 Delta R.T. 0.003 min
 Lab File: VU054866.D
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Tgt Ion:101 Resp: 10062
 Ion Ratio Lower Upper
 101 100
 103 73.7 52.9 79.3

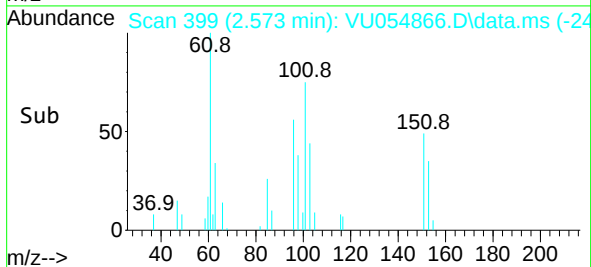
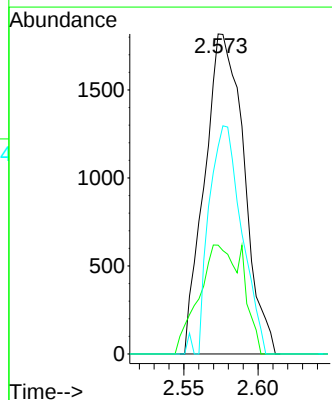
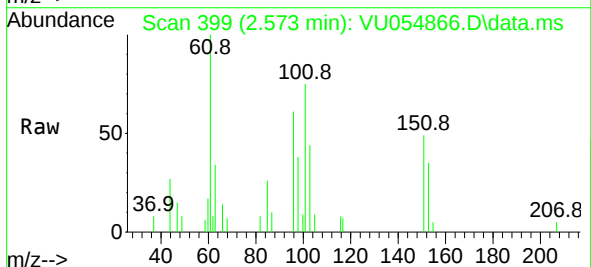
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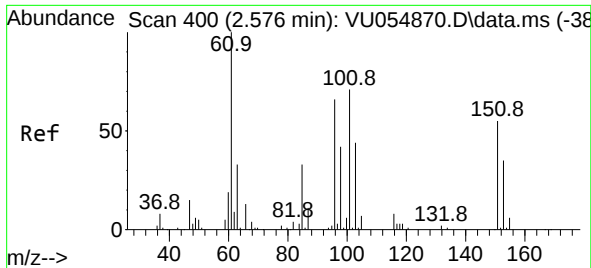
Reviewed By :Mahesh Dadoda 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.553 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU054866.D
 Acq: 25 Jul 2023 09:52

Tgt Ion:101 Resp: 3341
 Ion Ratio Lower Upper
 101 100
 85 38.0 34.8 52.2
 151 59.3 60.5 90.7#





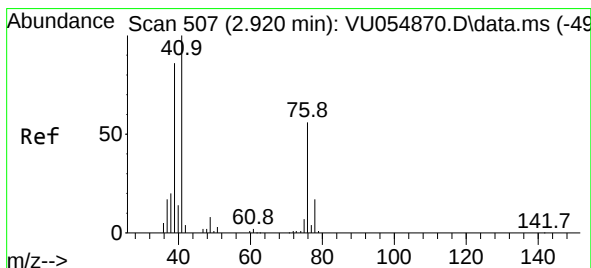
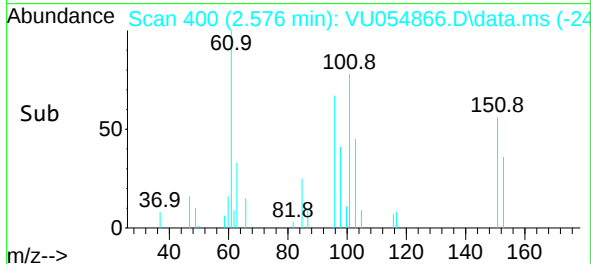
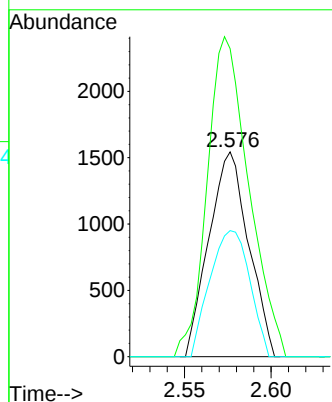
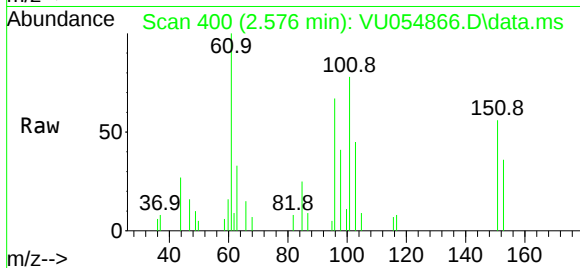
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1,1-Dichloroethene
Concen: 0.513 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054866.D
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Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 96 Resp: 2458
Ion Ratio Lower Upper
96 100
61 142.5 0.0 440.1
98 61.5 0.0 121.8

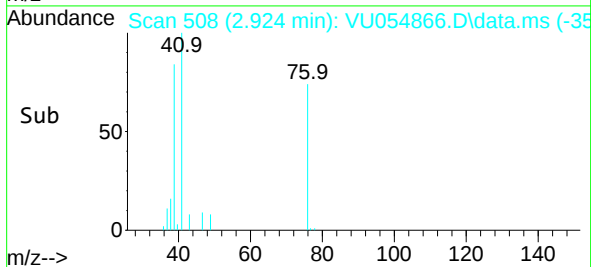
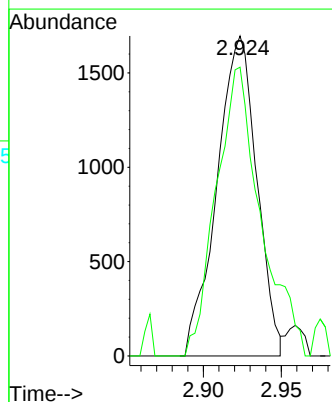
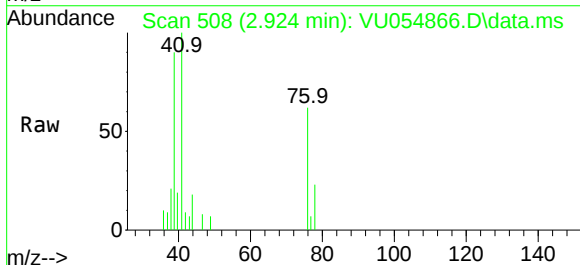
Manual Integrations
APPROVED

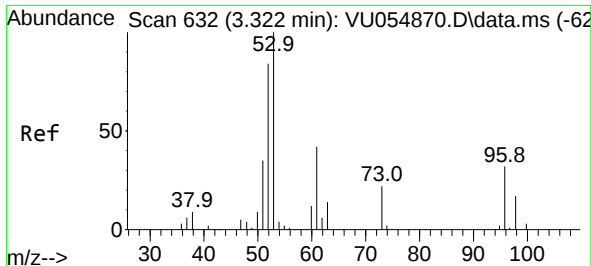
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#11
Allyl Chloride
Concen: 0.527 ug/l
RT: 2.924 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

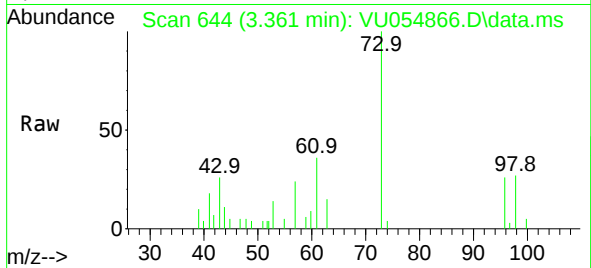
Tgt Ion: 41 Resp: 3020
Ion Ratio Lower Upper
41 100
39 100.4 70.2 105.2





#12
Acrylonitrile
Concen: 1.027 ug/l m
RT: 3.361 min Scan# 644
Delta R.T. 0.039 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

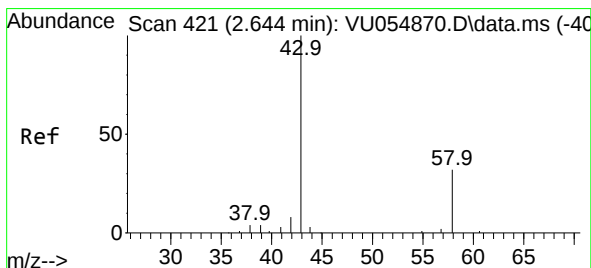
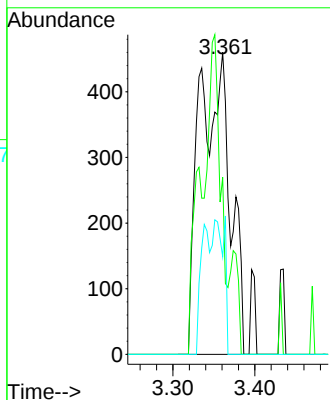
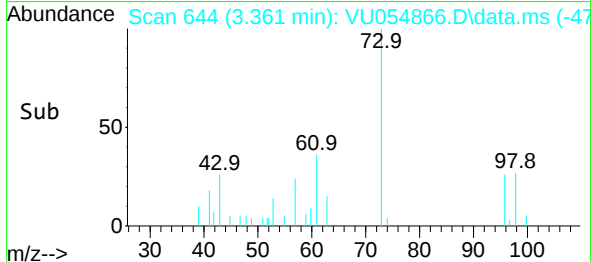
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



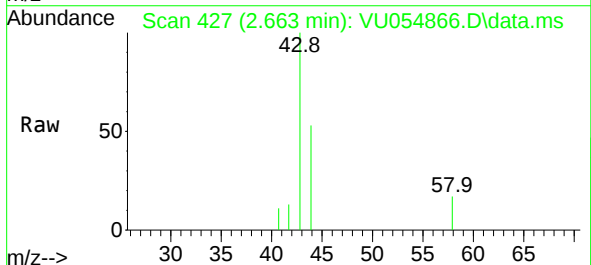
Tgt Ion: 53 Resp: 123
Ion Ratio Lower Upper
53 100
52 18.5 64.2 96.4
51 12.6 33.6 50.4

Manual Integrations
APPROVED

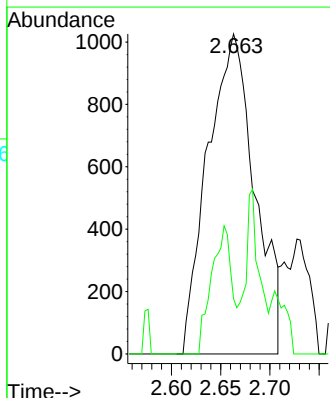
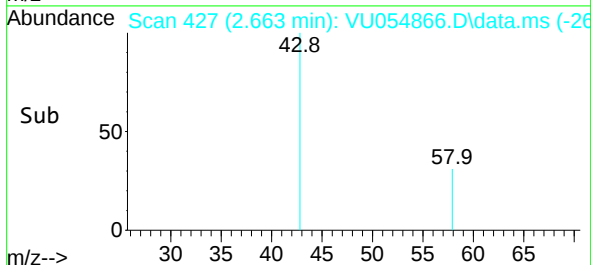
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

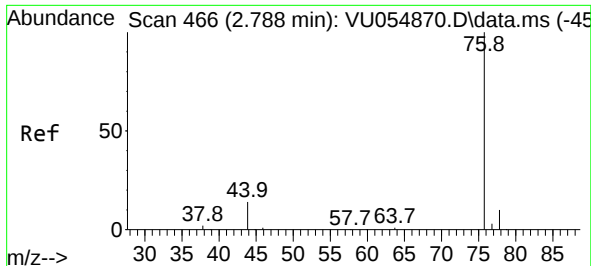


#13
Acetone
Concen: 2.670 ug/l m
RT: 2.663 min Scan# 427
Delta R.T. 0.013 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52



Tgt Ion: 43 Resp: 3416
Ion Ratio Lower Upper
43 100
58 17.3 30.7 46.1





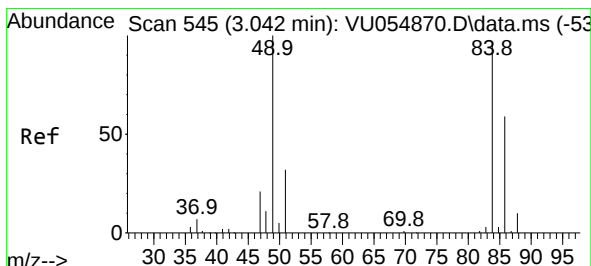
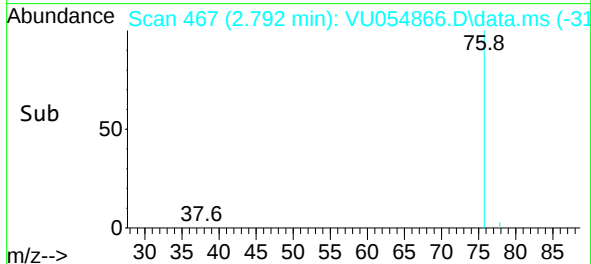
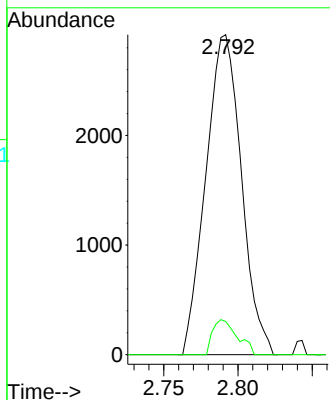
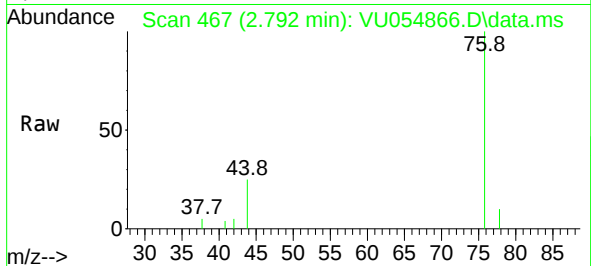
#14
Carbon Disulfide
Concen: 0.586 ug/l
RT: 2.792 min Scan# 466
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 76 Resp: 4864
Ion Ratio Lower Upper
76 100
78 10.3 7.1 10.7

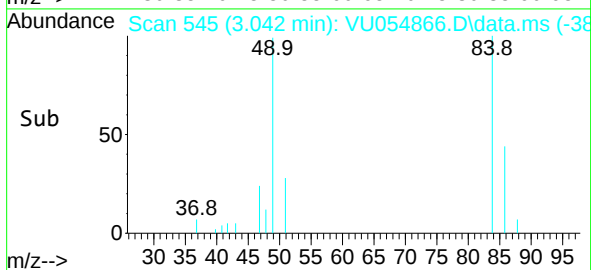
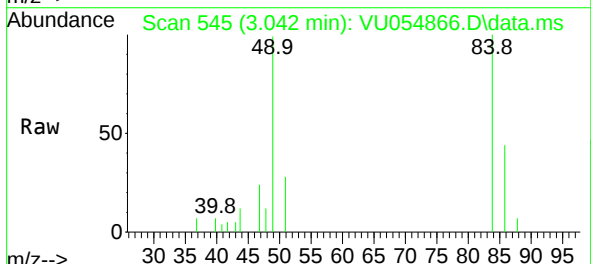
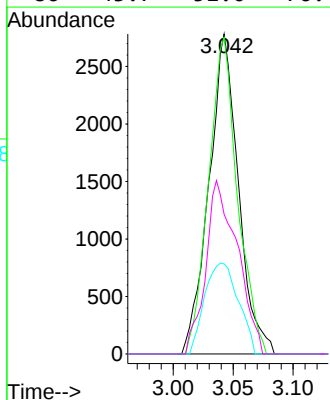
Manual Integrations
APPROVED

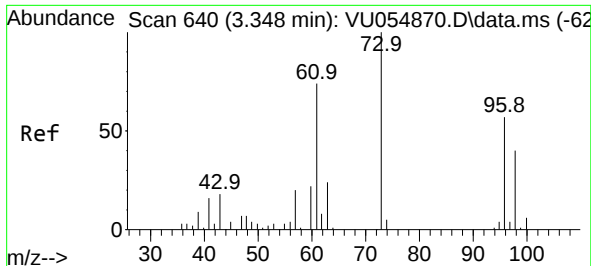
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#15
Methylene Chloride
Concen: 0.731 ug/l
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

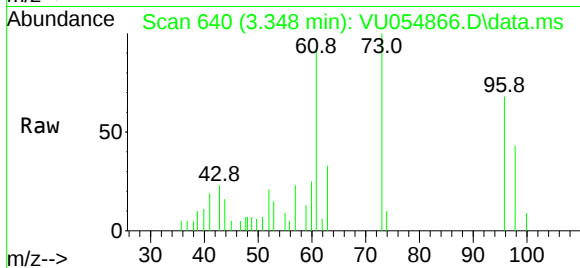
Tgt Ion: 84 Resp: 4762
Ion Ratio Lower Upper
84 100
49 99.0 87.8 131.6
51 28.2 0.0 68.2
86 43.7 51.0 76.4#





#16
trans-1,2-Dichloroethene
Concen: 0.504 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

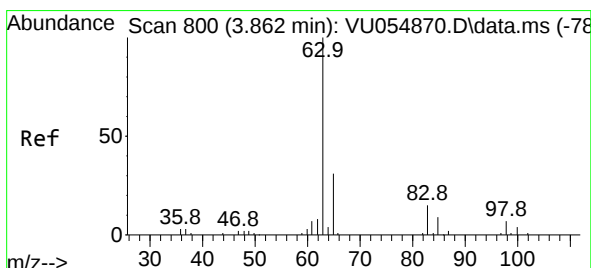
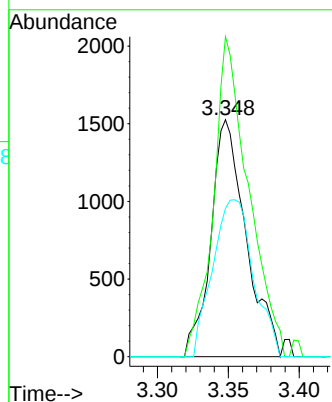
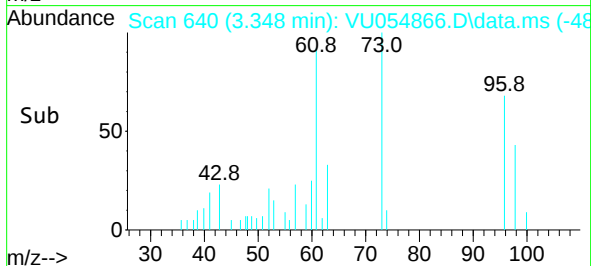
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



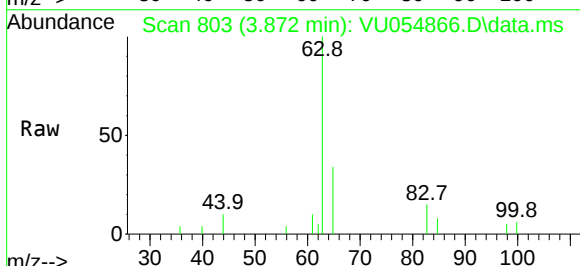
Tgt Ion: 96 Resp: 2628
Ion Ratio Lower Upper
96 100
61 135.1 96.4 144.6
98 62.6 49.3 73.9

Manual Integrations
APPROVED

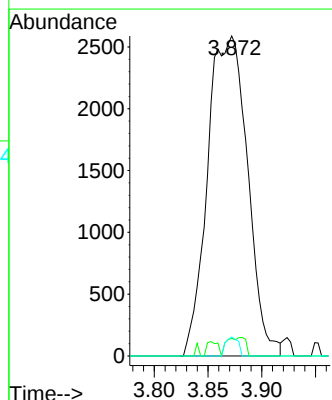
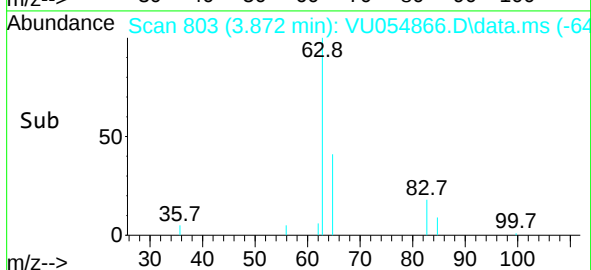
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

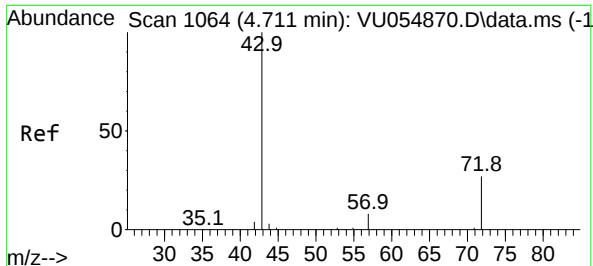


#17
1,1-Dichloroethane
Concen: 0.572 ug/l
RT: 3.872 min Scan# 803
Delta R.T. 0.007 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52



Tgt Ion: 63 Resp: 6679
Ion Ratio Lower Upper
63 100
98 5.5 3.6 10.8
100 5.9 2.8 8.4





#18

2-Butanone

Concen: 2.435 ug/l m

RT: 4.734 min Scan# 1064

Delta R.T. 0.019 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

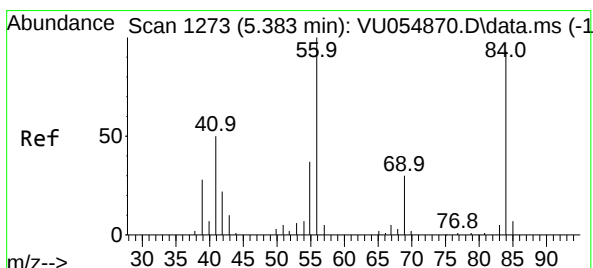
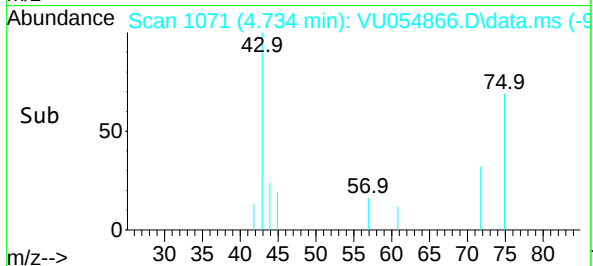
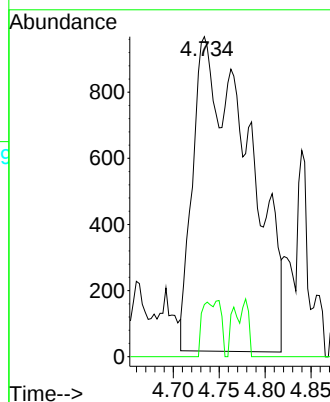
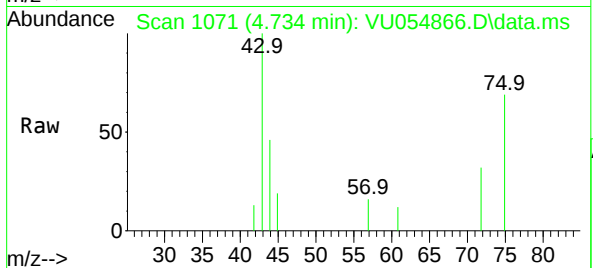
VSTDICC0.5

Tgt Ion: 43 Resp: 401
 Ion Ratio Lower Upper
 43 100
 57 16.3 0.0 20.8

Manual Integrations

APPROVED

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



#19

Cyclohexane

Concen: 0.558 ug/l

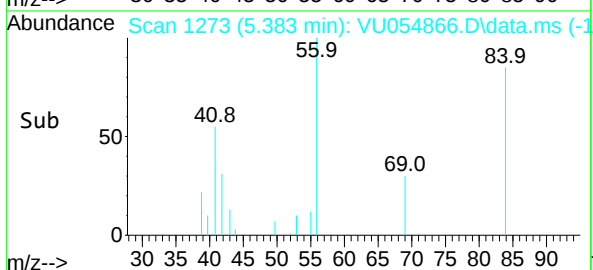
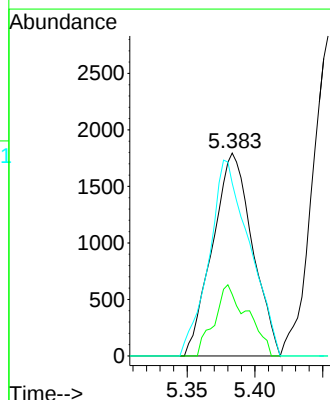
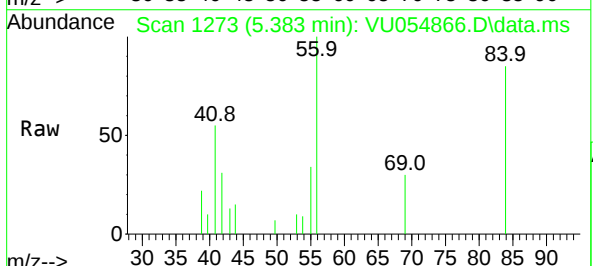
RT: 5.383 min Scan# 1273

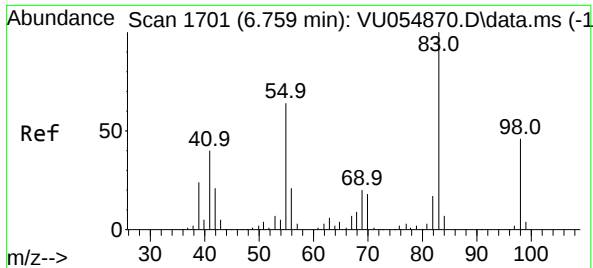
Delta R.T. 0.000 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

Tgt Ion: 56 Resp: 3661
 Ion Ratio Lower Upper
 56 100
 69 29.3 24.7 37.1
 84 98.3 76.5 114.7





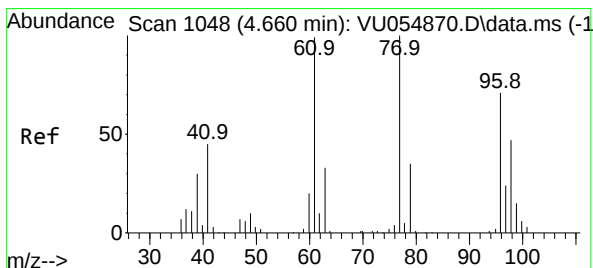
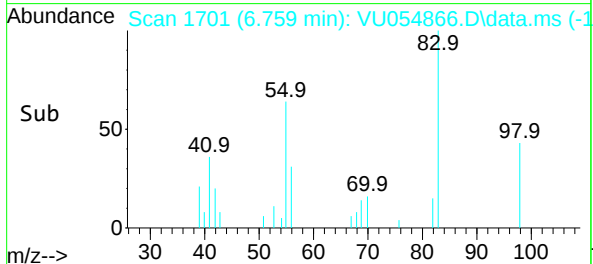
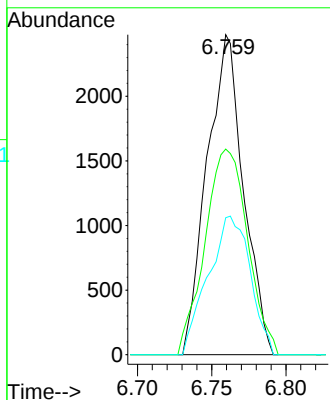
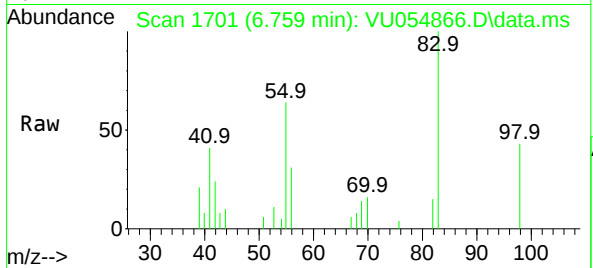
#20
Methylcyclohexane
Concen: 0.481 ug/l
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 422
Ion Ratio Lower Upper
83 100
55 75.3 51.6 77.4
98 50.0 38.2 57.2

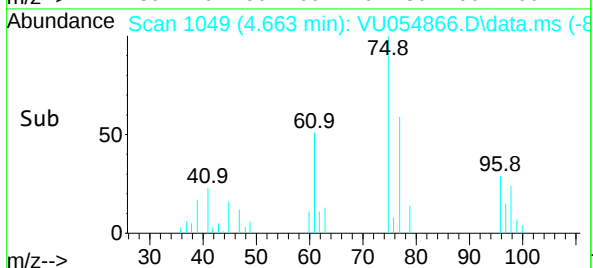
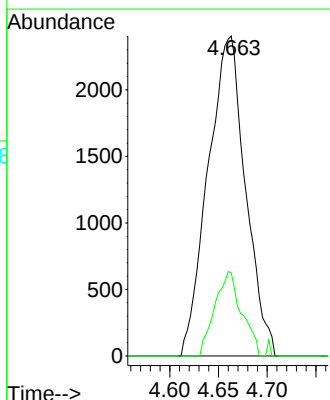
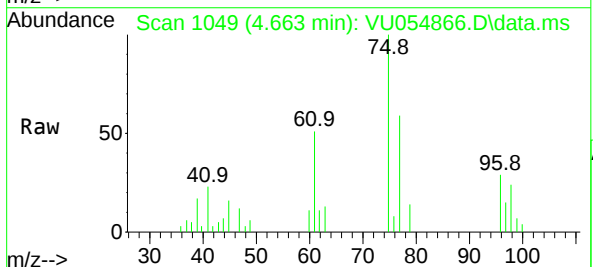
Manual Integrations
APPROVED

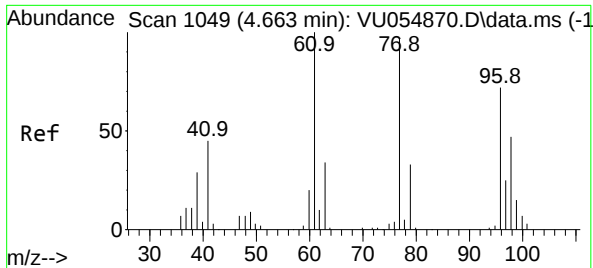
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#21
2,2-Dichloropropane
Concen: 0.595 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

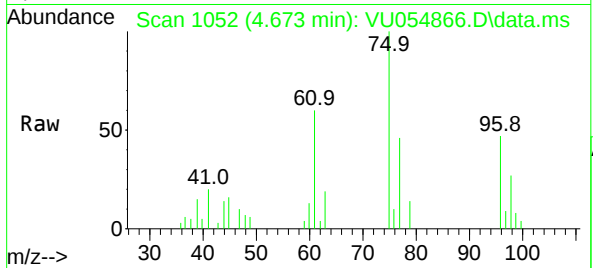
Tgt Ion: 77 Resp: 6433
Ion Ratio Lower Upper
77 100
97 18.9 18.0 27.0





#22
cis-1,2-Dichloroethene
Concen: 0.517 ug/l
RT: 4.673 min Scan# 1049
Delta R.T. 0.013 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

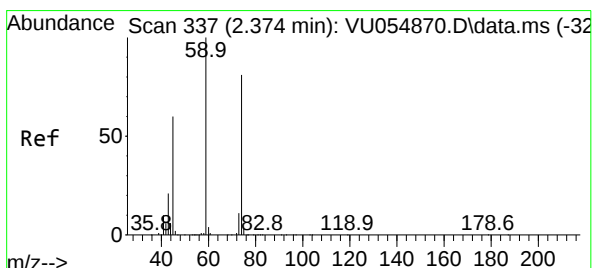
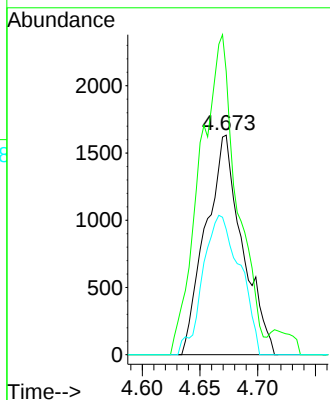
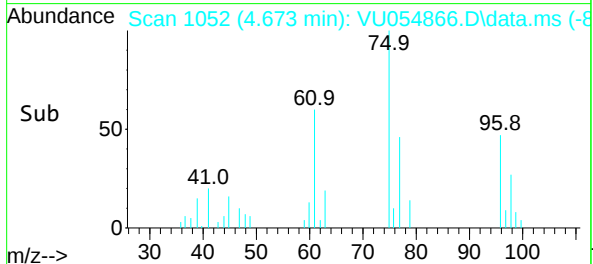
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 96 Resp: 358
Ion Ratio Lower Upper
96 100
61 149.8 0.0 332.0
98 64.7 32.5 97.5

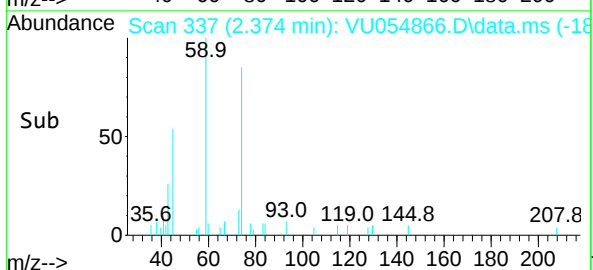
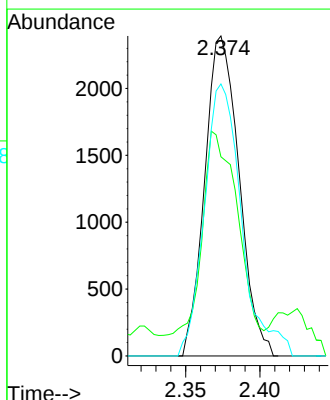
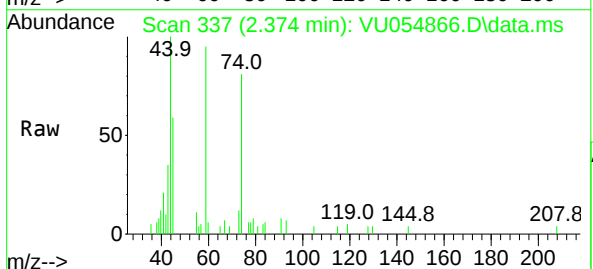
Manual Integrations
APPROVED

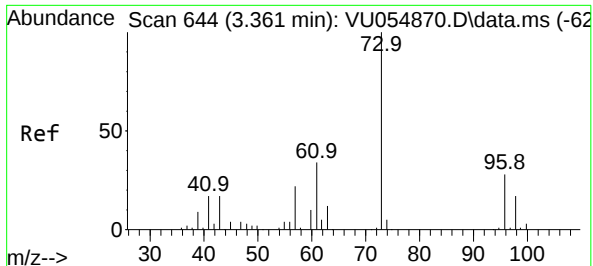
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#23
Diethyl Ether
Concen: 0.544 ug/l
RT: 2.374 min Scan# 337
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Tgt Ion: 59 Resp: 3847
Ion Ratio Lower Upper
59 100
45 66.9 51.4 77.0
74 92.0 63.1 94.7





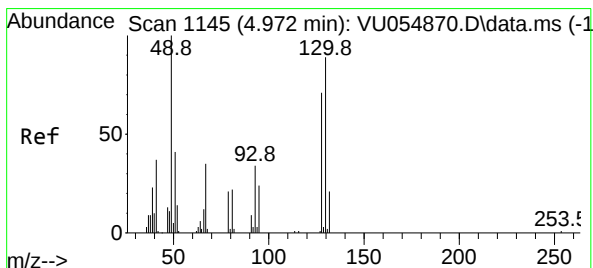
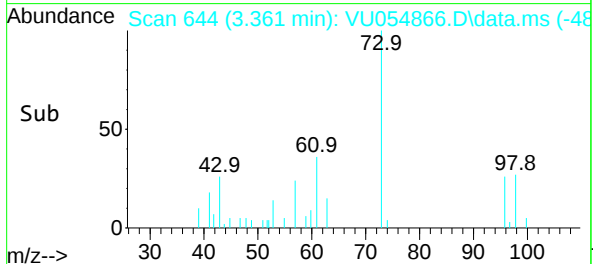
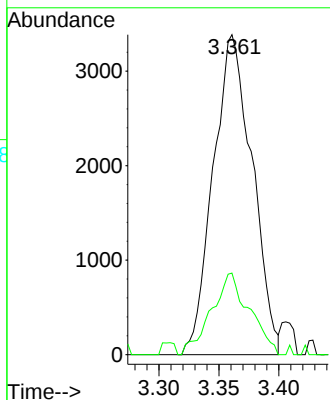
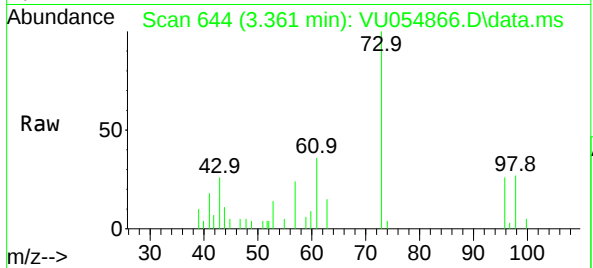
#25
Methyl tert-Butyl Ether
Concen: 0.518 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 73 Resp: 768
Ion Ratio Lower Upper
73 100
43 24.7 14.6 22.0

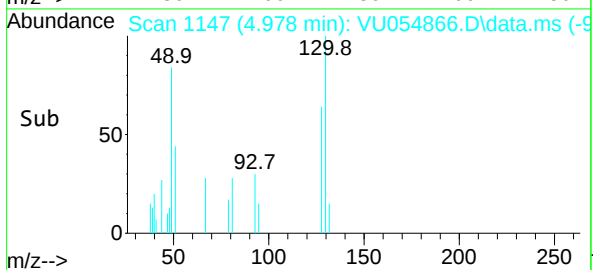
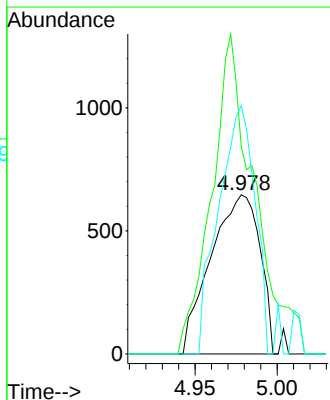
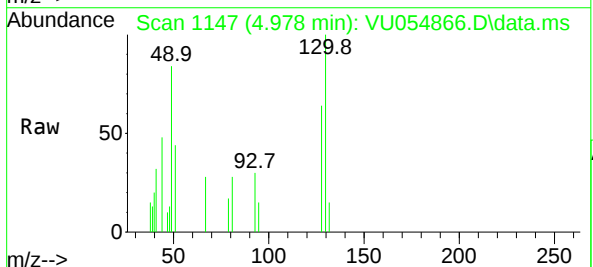
Manual Integrations
APPROVED

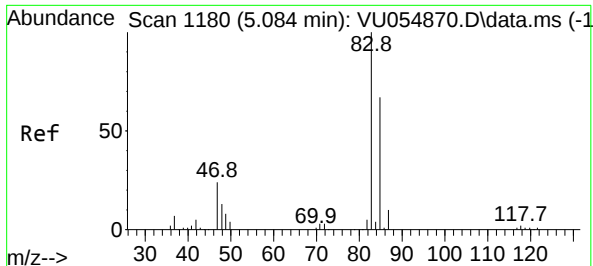
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#26
Bromochloromethane
Concen: 0.473 ug/l
RT: 4.978 min Scan# 1147
Delta R.T. 0.007 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Tgt Ion:128 Resp: 1346
Ion Ratio Lower Upper
128 100
49 173.7 0.0 304.0
130 115.6 104.3 156.5





#27

Chloroform

Concen: 0.521 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 653

Ion Ratio Lower Upper

83 100

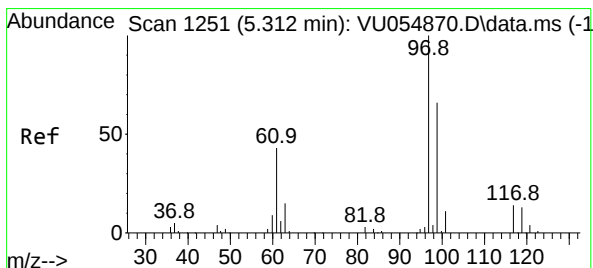
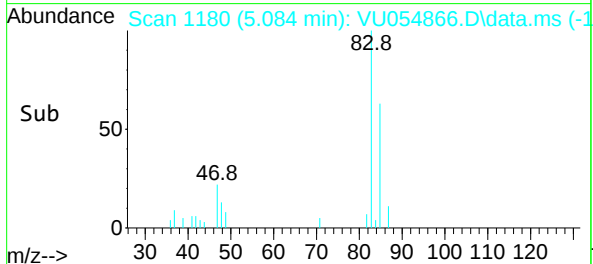
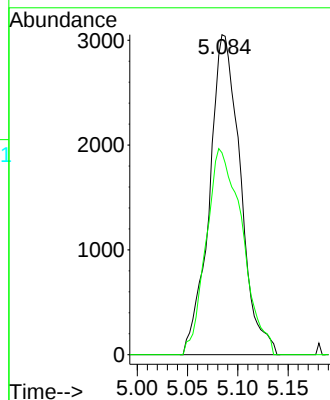
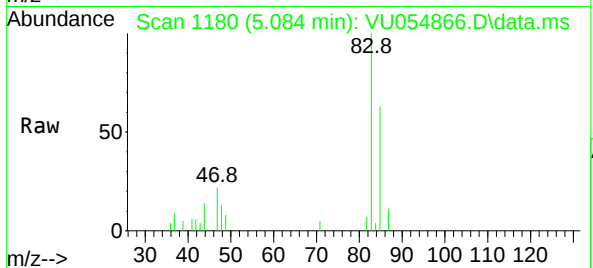
85 63.1 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#28

1,1,1-Trichloroethane

Concen: 0.529 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

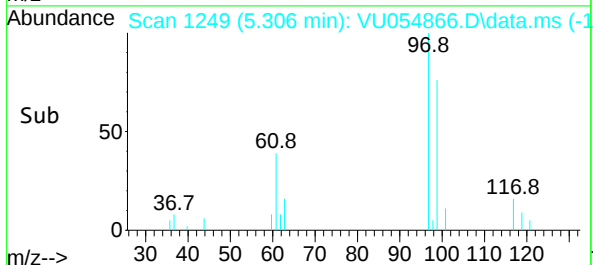
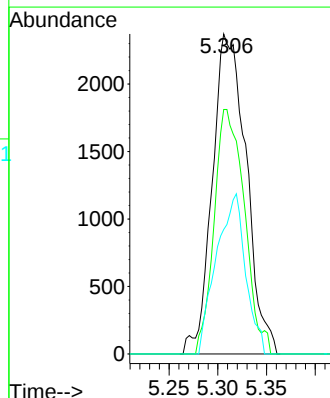
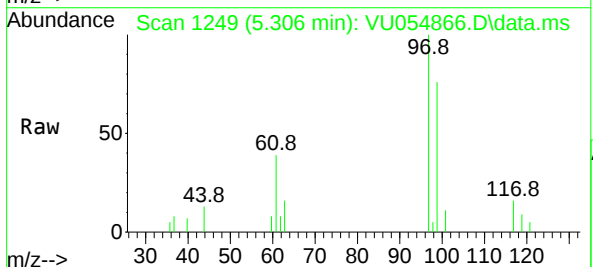
Tgt Ion: 97 Resp: 5721

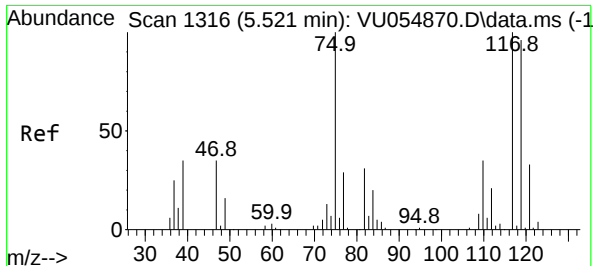
Ion Ratio Lower Upper

97 100

99 68.3 32.0 96.2

61 43.1 21.0 63.0





#29

1,1-Dichloropropene

Concen: 0.510 ug/l

RT: 5.531 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 75 Resp: 406

Ion Ratio Lower Upper

75 100

110 32.1 18.5 55.5

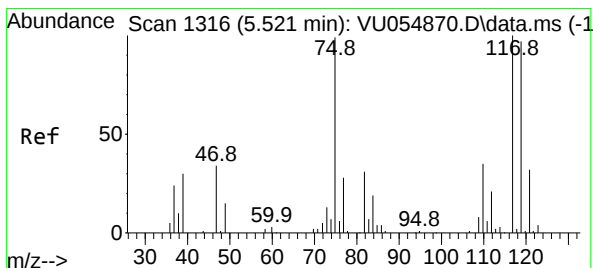
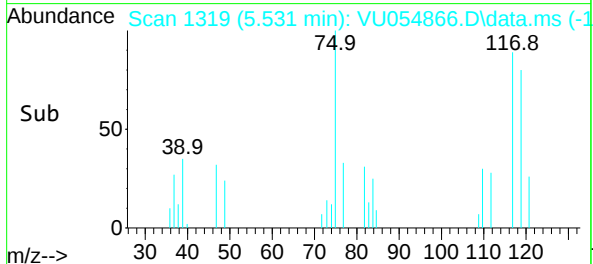
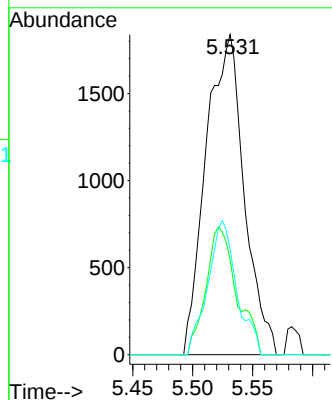
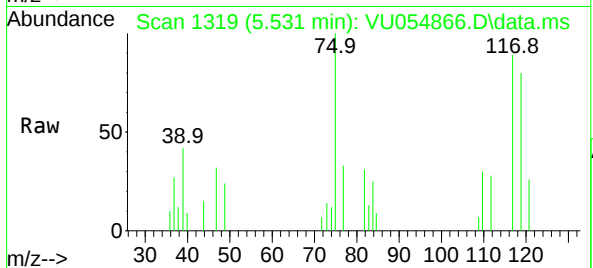
77 31.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#30

Carbon Tetrachloride

Concen: 0.567 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.003 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

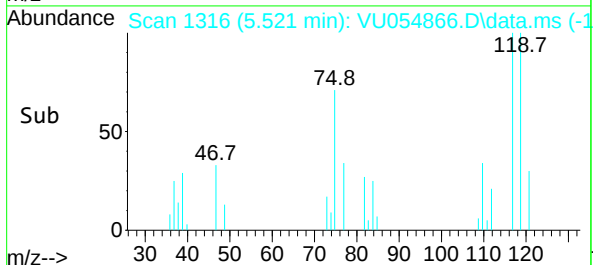
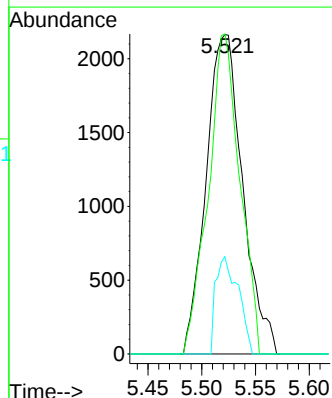
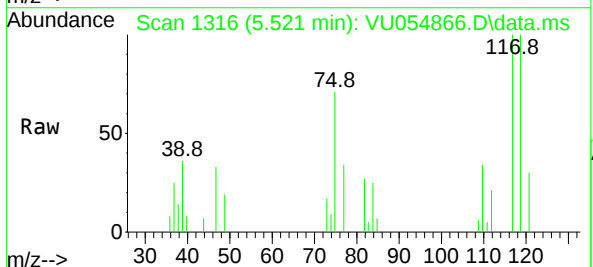
Tgt Ion:117 Resp: 5122

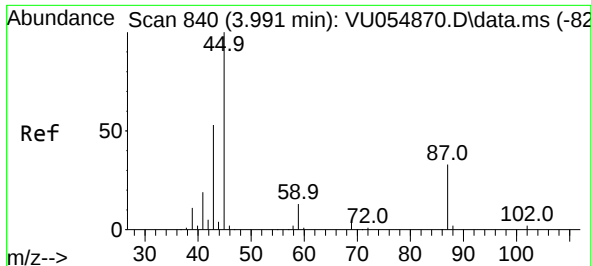
Ion Ratio Lower Upper

117 100

119 100.2 75.6 113.4

121 30.5 23.4 35.0





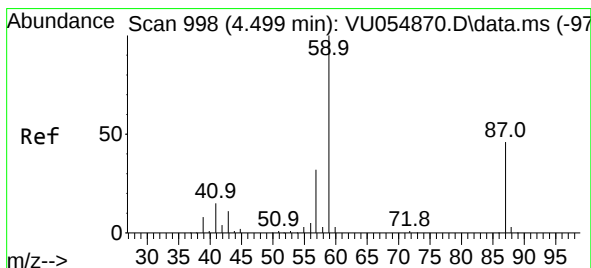
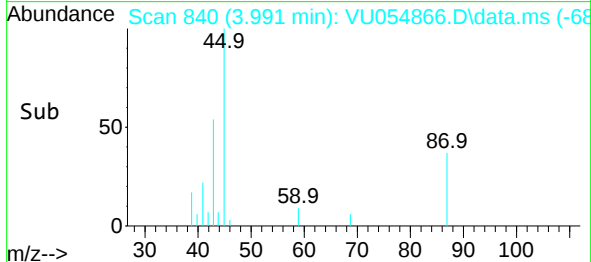
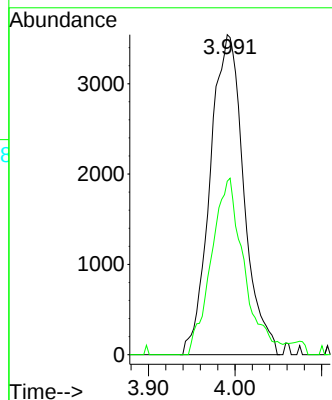
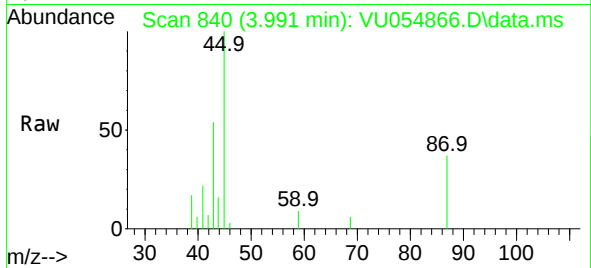
#31
Isopropyl Ether
Concen: 0.555 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Instrument :
MSVOA_U
Client Sample Id :
VSTDIC0.5

Tgt Ion: 45 Resp: 955
Ion Ratio Lower Upper
45 100
43 53.9 26.4 79.2

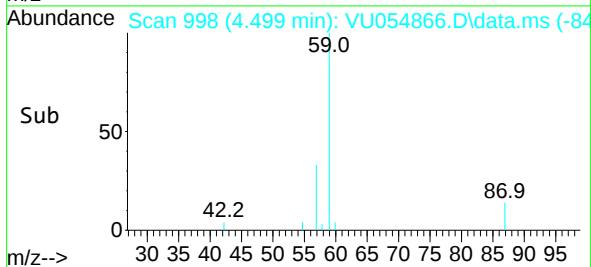
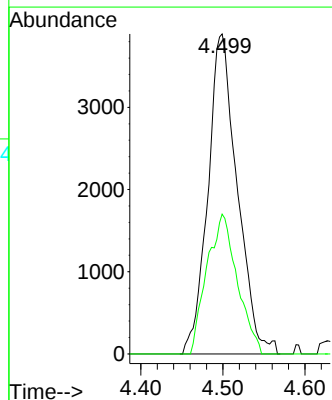
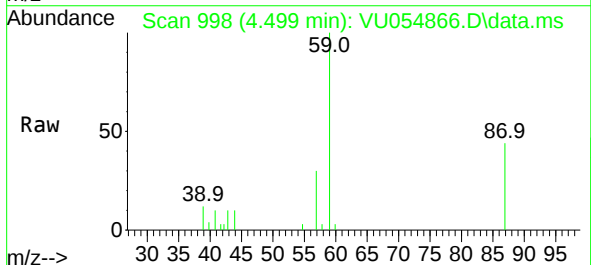
Manual Integrations
APPROVED

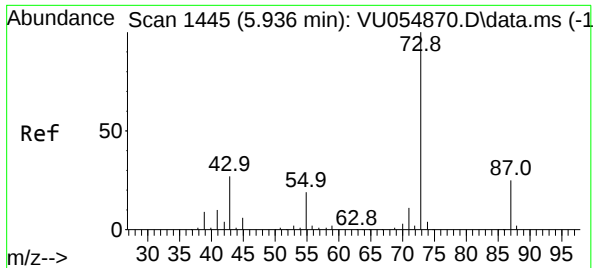
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#32
Ethyl-t-butyl ether
Concen: 0.546 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Tgt Ion: 59 Resp: 9677
Ion Ratio Lower Upper
59 100
87 45.1 35.7 53.5





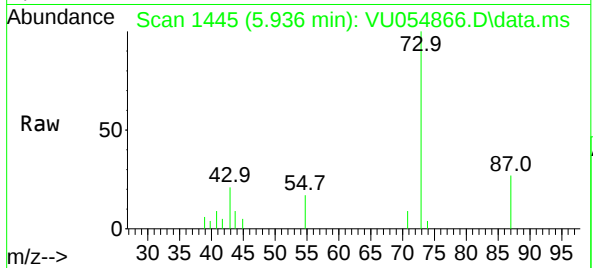
#33
Tert-Amyl methyl ether
Concen: 0.552 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

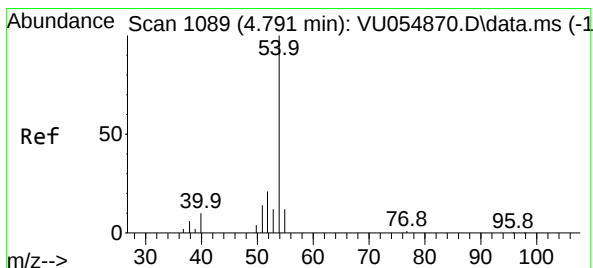
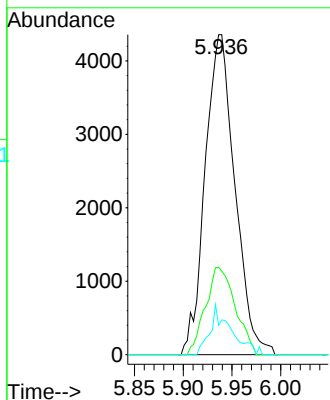
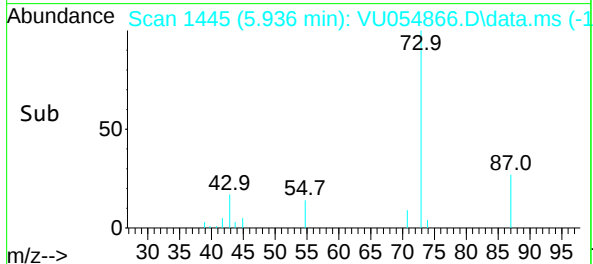


Tgt Ion: 73 Resp: 926
Ion Ratio Lower Upper
73 100
87 27.3 19.6 29.4
71 10.9 9.1 13.7

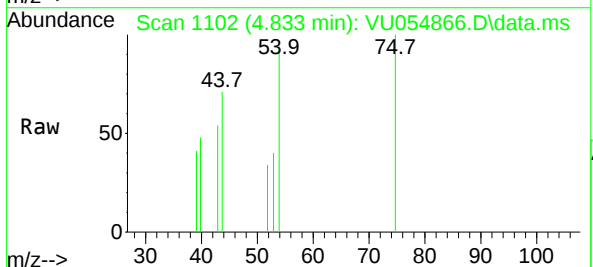
Manual Integrations

APPROVED

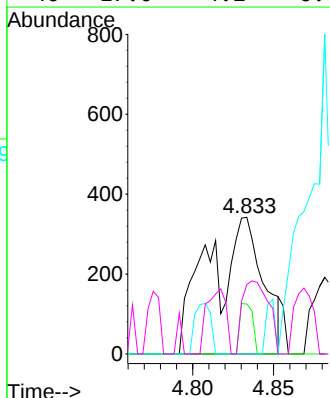
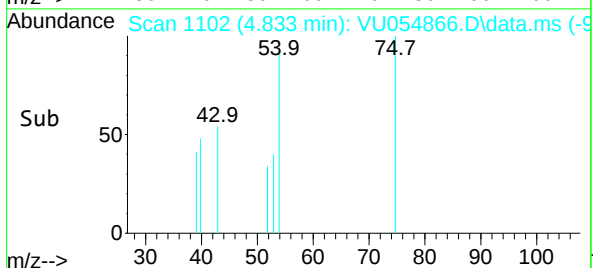
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

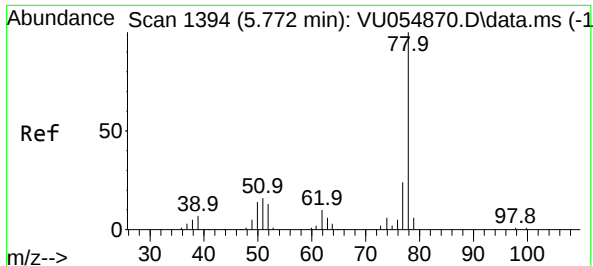


#34
Propionitrile
Concen: 1.751 ug/l m
RT: 4.833 min Scan# 1102
Delta R.T. 0.038 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52



Tgt Ion: 54 Resp: 795
Ion Ratio Lower Upper
54 100
52 0.0 13.8 20.8#
55 10.9 4.8 7.2#
40 17.0 4.2 6.4#





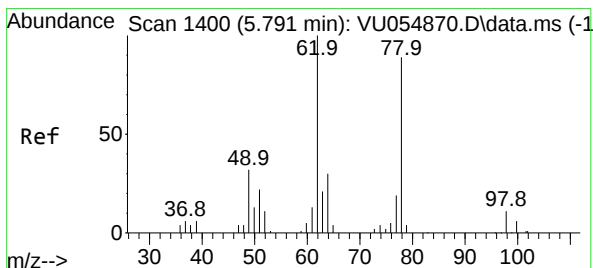
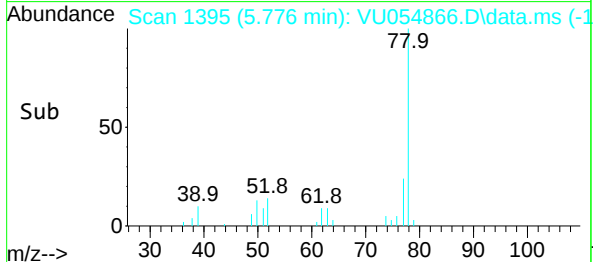
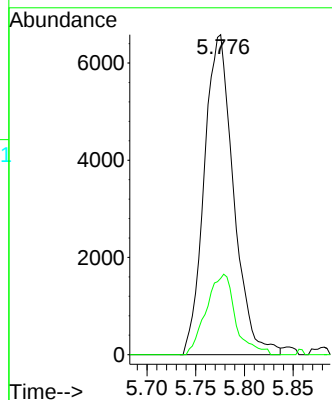
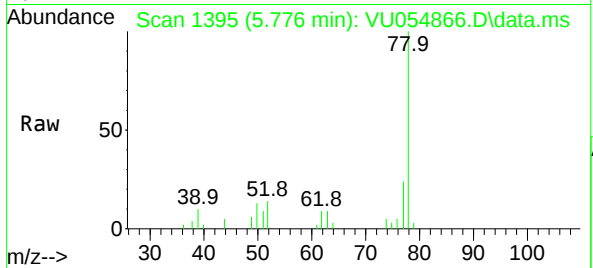
#35
Benzene
Concen: 0.551 ug/l
RT: 5.776 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 78 Resp: 13769
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.2

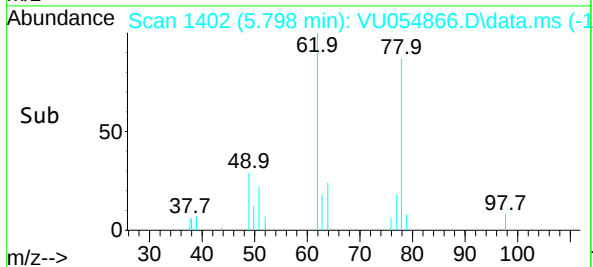
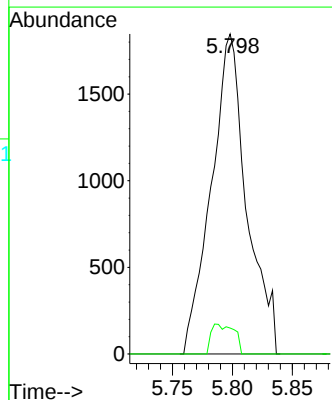
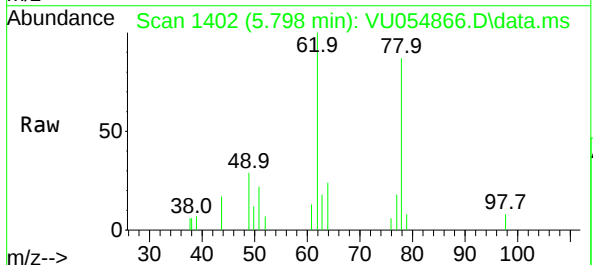
Manual Integrations
APPROVED

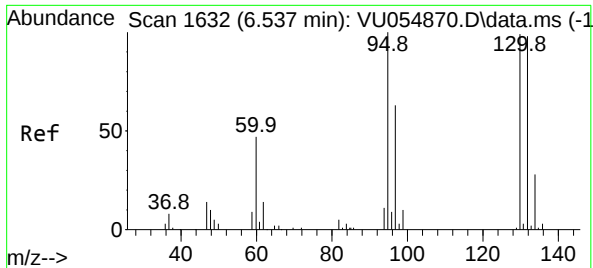
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#36
1,2-Dichloroethane
Concen: 0.534 ug/l
RT: 5.798 min Scan# 1402
Delta R.T. 0.007 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

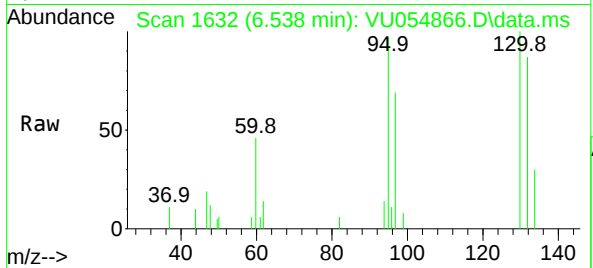
Tgt Ion: 62 Resp: 3795
Ion Ratio Lower Upper
62 100
98 6.0 7.8 11.8#





#37
Trichloroethene
Concen: 0.537 ug/l
RT: 6.538 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

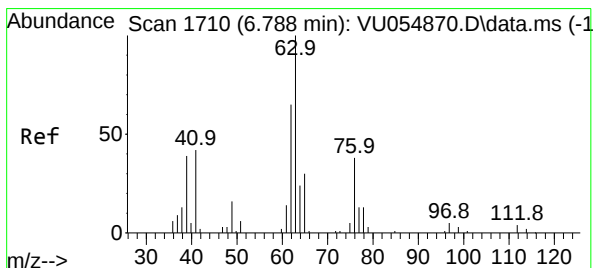
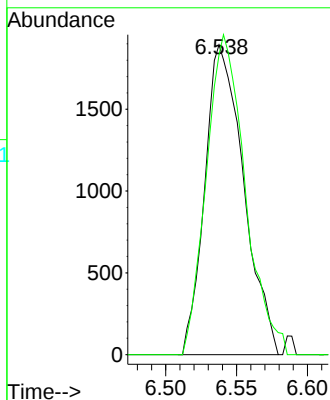
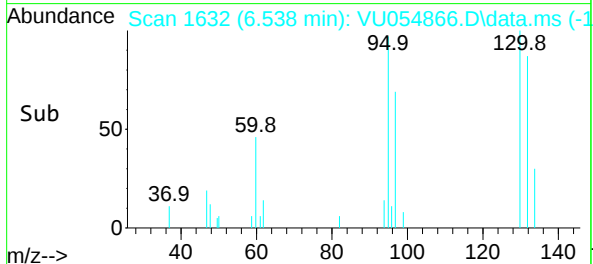
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



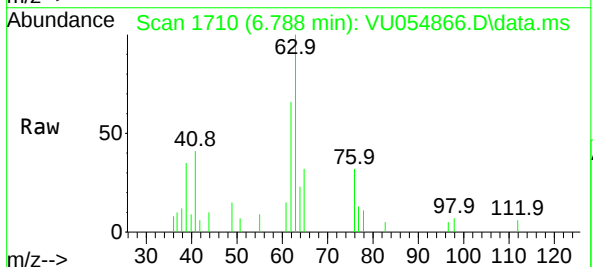
Tgt Ion:130 Resp: 3609
Ion Ratio Lower Upper
130 100
95 96.8 76.8 115.2

Manual Integrations
APPROVED

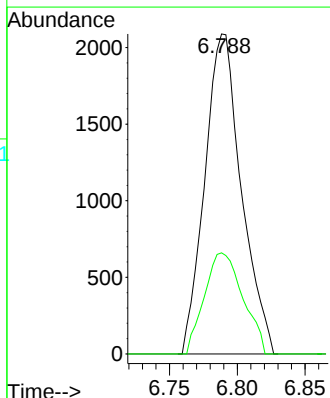
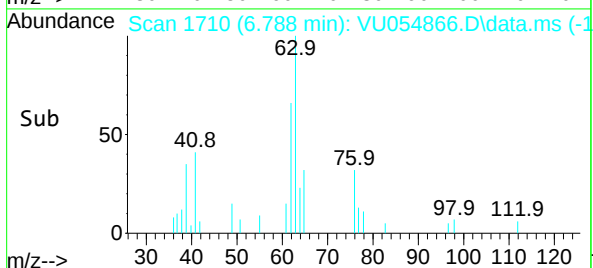
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

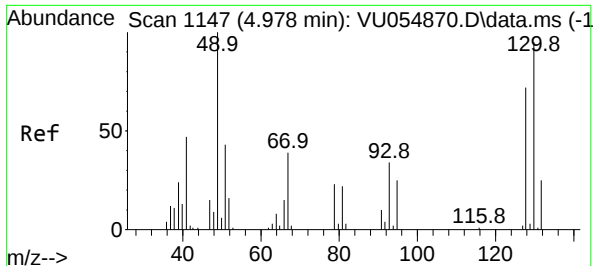


#38
1,2-Dichloropropane
Concen: 0.555 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52



Tgt Ion: 63 Resp: 3922
Ion Ratio Lower Upper
63 100
65 31.6 24.3 36.5





#39

Methacrylonitrile

Concen: 0.550 ug/l m

RT: 4.997 min Scan# 1153

Delta R.T. 0.019 min

Lab File: VU054866.D

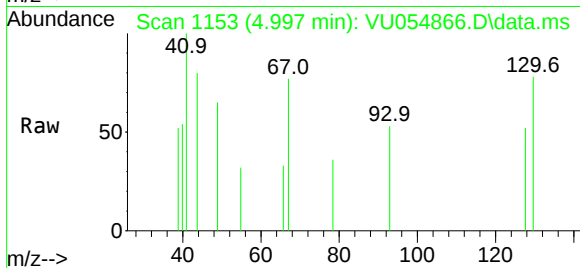
Acq: 25 Jul 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

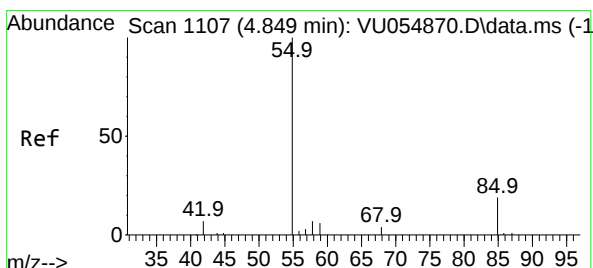
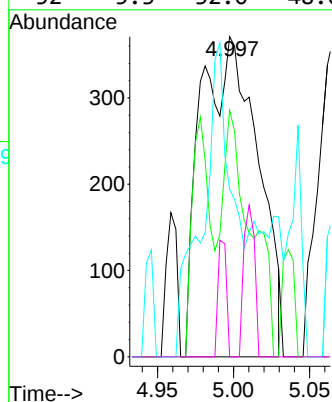
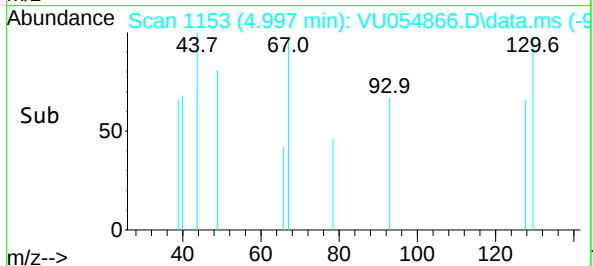


Tgt Ion: 41	Resp: 969
Ion Ratio	Lower Upper
41	100
67	38.7 77.0 115.4#
39	51.5 50.4 75.6
52	5.3 32.0 48.0#

Manual Integrations

APPROVED

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



#40

Methyl acrylate

Concen: 0.561 ug/l m

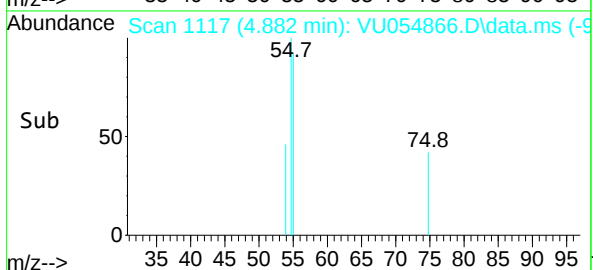
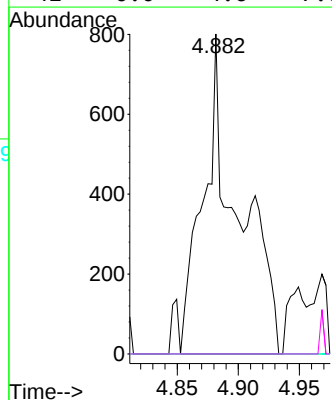
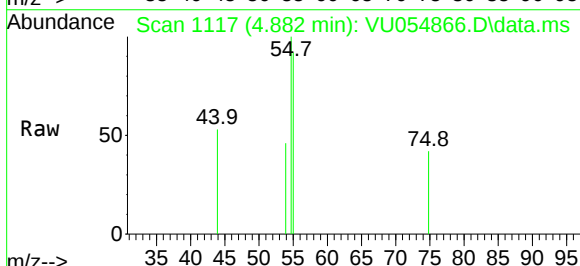
RT: 4.882 min Scan# 1117

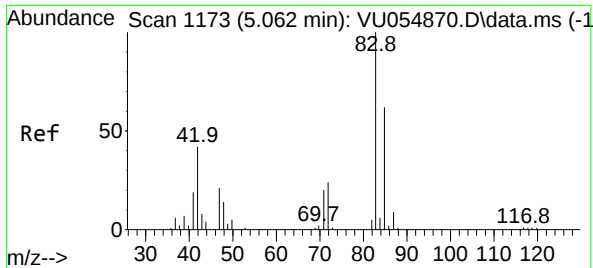
Delta R.T. 0.036 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

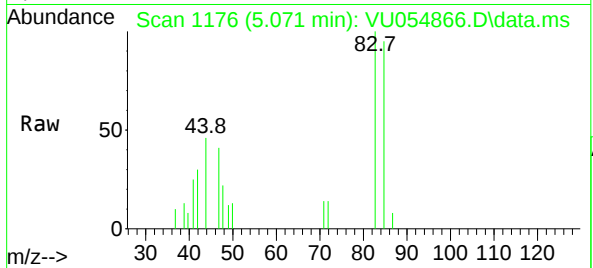
Tgt Ion: 55	Resp: 1570
Ion Ratio	Lower Upper
55	100
85	0.0 13.0 19.6#
58	0.0 5.7 8.5#
42	0.0 4.6 7.0#





#41
Tetrahydrofuran
Concen: 1.020 ug/l m
RT: 5.071 min Scan# 1173
Delta R.T. 0.013 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

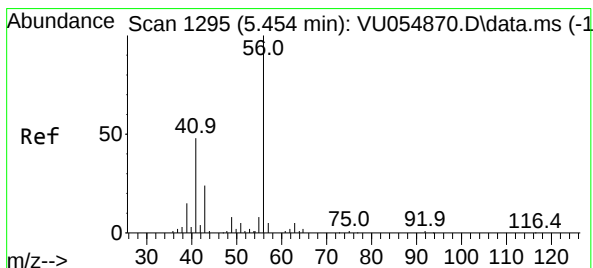
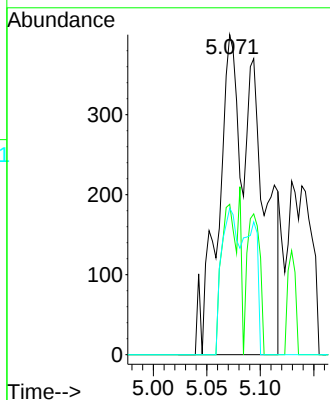
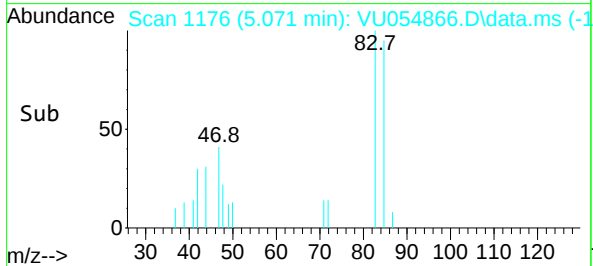
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



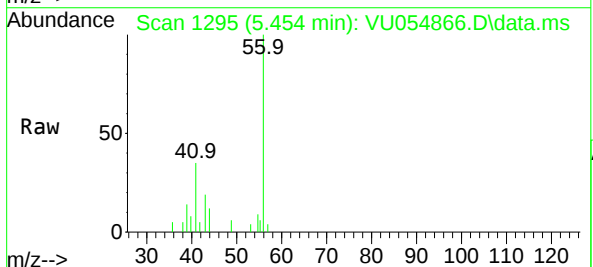
Tgt Ion: 42 Resp: 1035
Ion Ratio Lower Upper
42 100
72 20.8 42.1 63.1
71 19.5 39.7 59.5

Manual Integrations
APPROVED

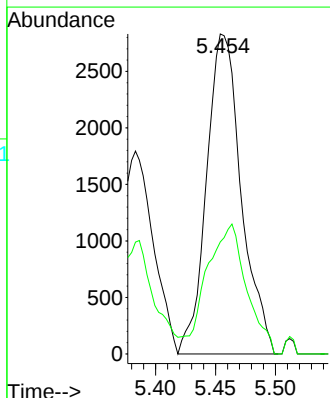
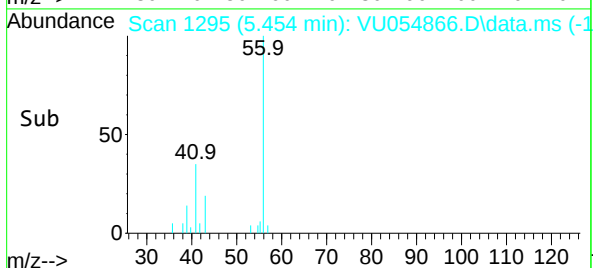
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

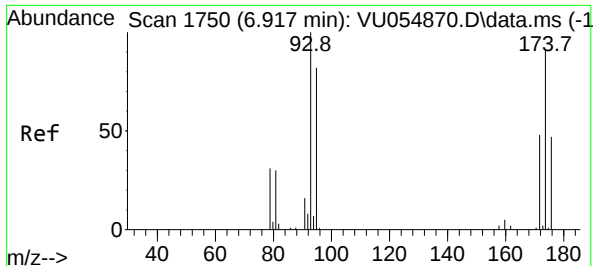


#42
1-Chlorobutane
Concen: 0.546 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52



Tgt Ion: 56 Resp: 5707
Ion Ratio Lower Upper
56 100
41 46.2 23.9 71.7





#43

Dibromomethane

Concen: 0.495 ug/l

RT: 6.920 min Scan# 1751

Delta R.T. 0.007 min

Lab File: VU054866.D

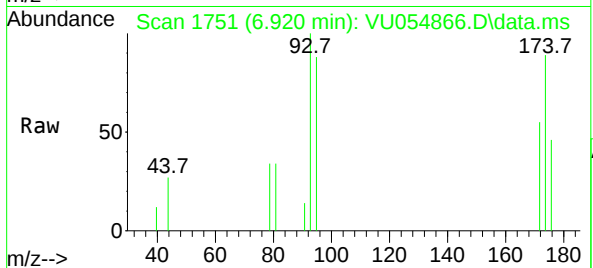
Acq: 25 Jul 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

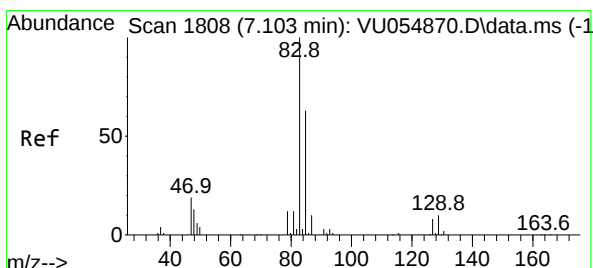
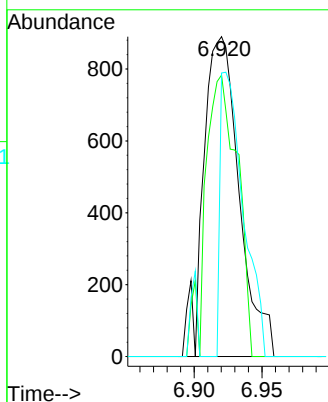


Tgt Ion:	93	Resp:	164
Ion	Ratio	Lower	Upper
93	100		
95	78.3	64.7	97.1
174	57.0	74.4	111.6

Manual Integrations

APPROVED

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



#44

Bromodichloromethane

Concen: 0.505 ug/l

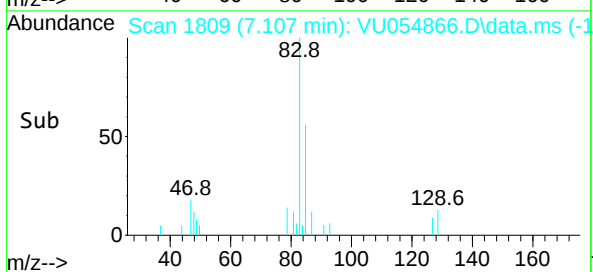
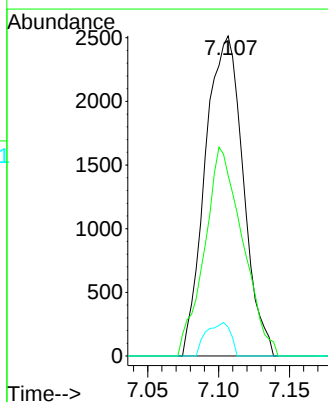
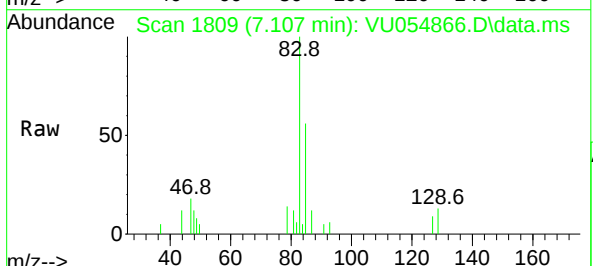
RT: 7.107 min Scan# 1809

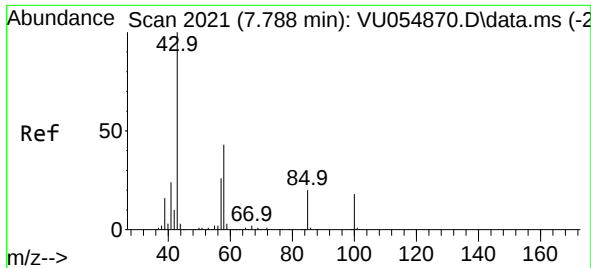
Delta R.T. 0.007 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

Tgt Ion:	83	Resp:	4672
Ion	Ratio	Lower	Upper
83	100		
85	56.5	52.2	78.2
127	9.0	6.1	9.1





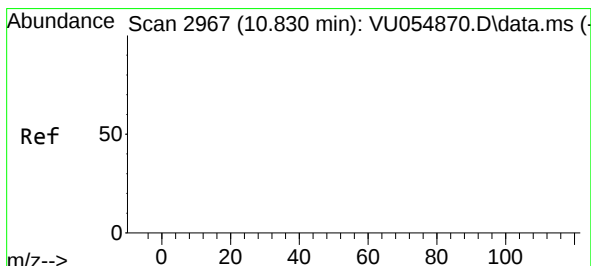
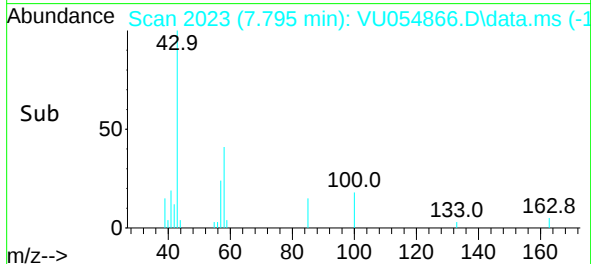
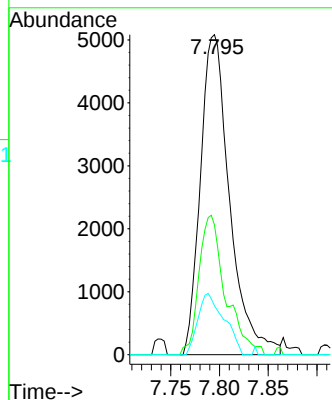
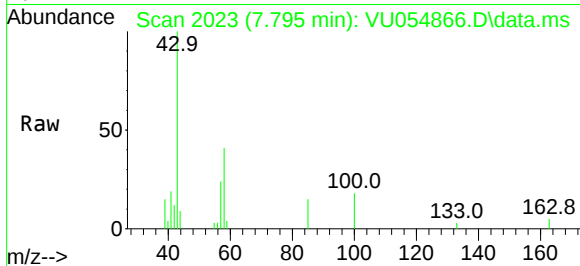
#45
4-Methyl-2-Pentanone
Concen: 2.740 ug/l
RT: 7.795 min Scan# 2021
Delta R.T. 0.007 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 39.5 21.3 63.7
85 17.1 15.3 22.9

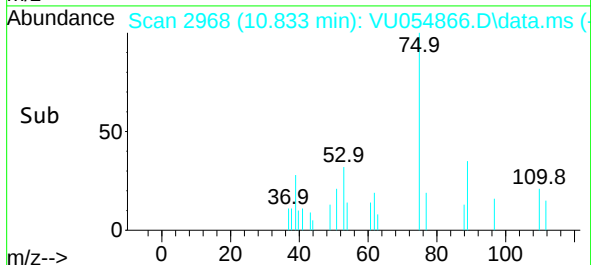
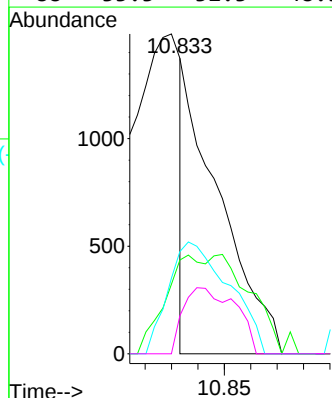
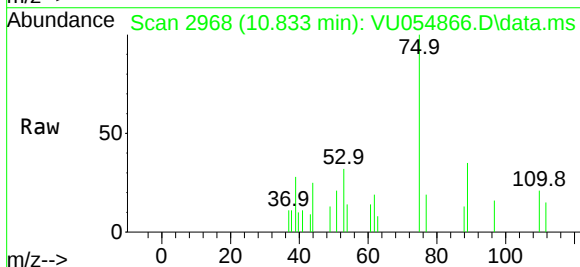
Manual Integrations
APPROVED

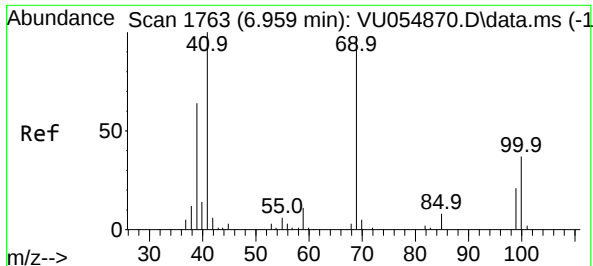
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#46
t-1,4-Dichloro-2-butene
Concen: 0.796 ug/l m
RT: 10.833 min Scan# 2968
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Tgt Ion: 75 Resp: 1259
Ion Ratio Lower Upper
75 100
53 38.8 62.9 94.3#
89 65.6 47.8 71.8
88 33.3 32.3 48.5





#47

Methyl methacrylate

Concen: 0.921 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.010 min

Lab File: VU054866.D

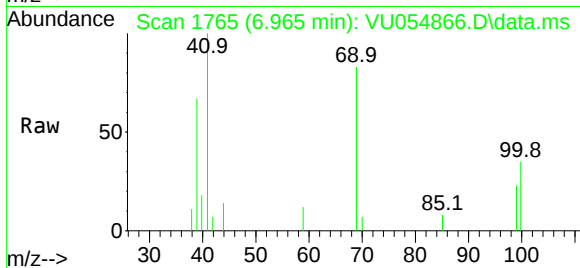
Acq: 25 Jul 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5



Tgt Ion: 69 Resp: 2790

Ion Ratio Lower Upper

69 100

41 113.2 0.0 193.0

39 69.8 50.4 75.6

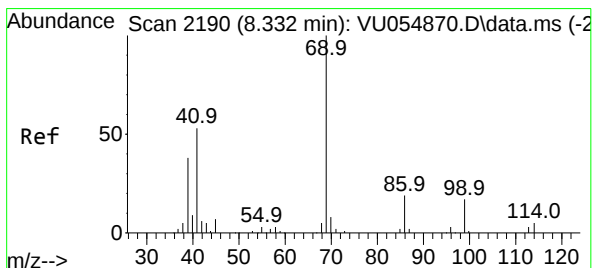
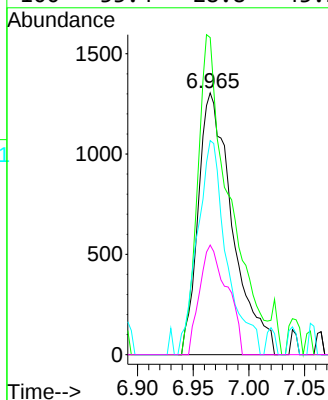
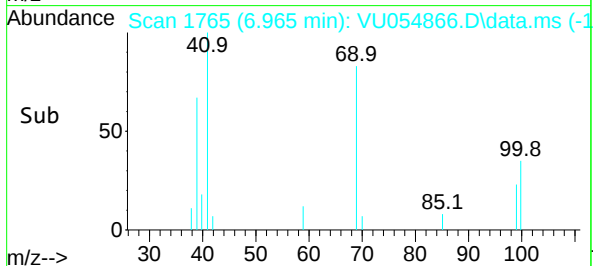
100 33.4 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#48

Ethyl methacrylate

Concen: 0.508 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU054866.D

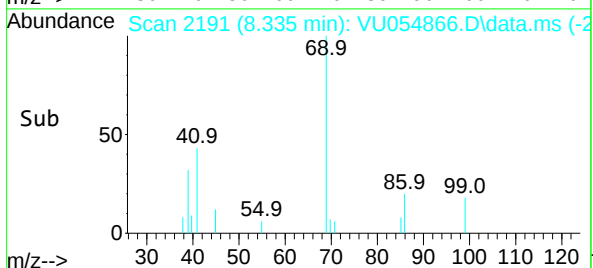
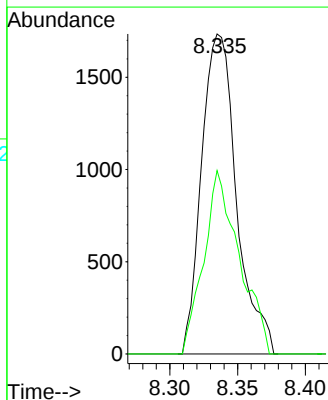
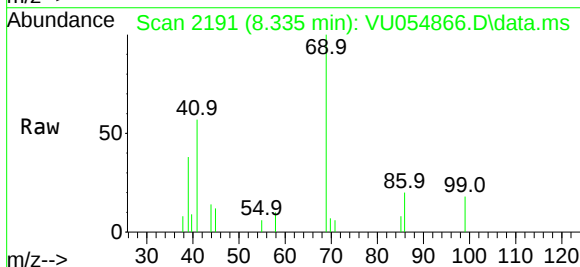
Acq: 25 Jul 2023 09:52

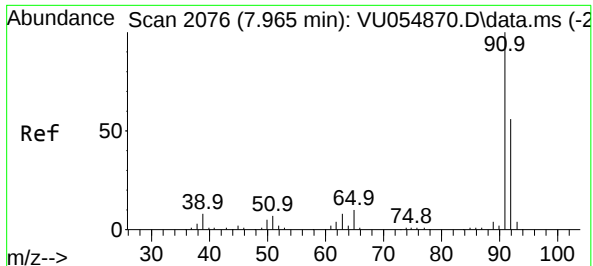
Tgt Ion: 69 Resp: 3115

Ion Ratio Lower Upper

69 100

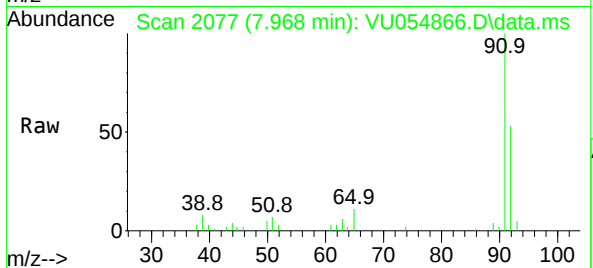
41 58.1 28.8 86.5





#49
Toluene
Concen: 0.513 ug/l
RT: 7.968 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

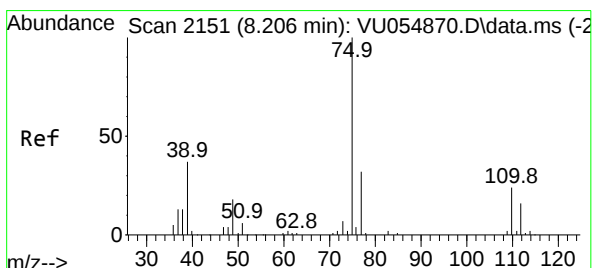
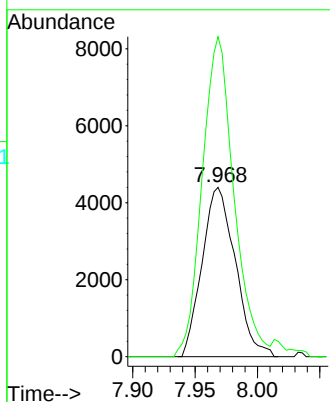
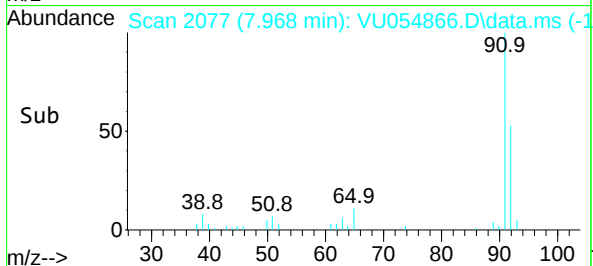
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 92 Resp: 8162
Ion Ratio Lower Upper
92 100
91 180.3 142.9 214.3

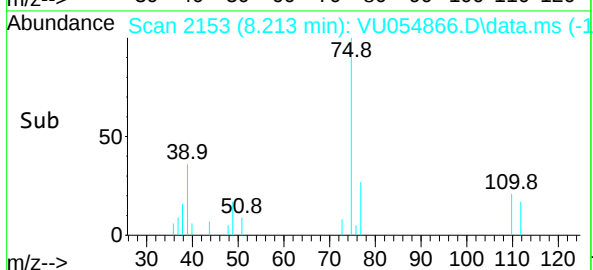
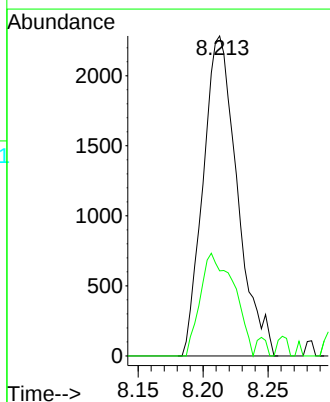
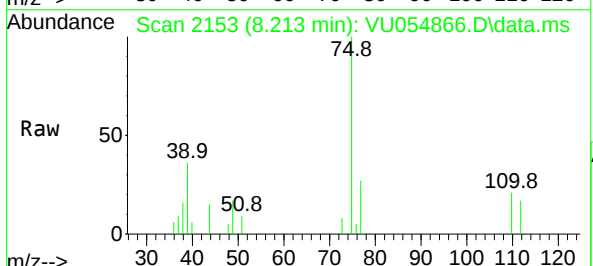
Manual Integrations
APPROVED

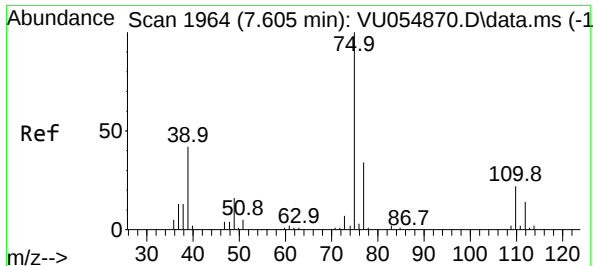
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#50
t-1,3-Dichloropropene
Concen: 0.508 ug/l
RT: 8.213 min Scan# 2153
Delta R.T. 0.007 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Tgt Ion: 75 Resp: 4171
Ion Ratio Lower Upper
75 100
77 26.6 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 0.527 ug/l
 RT: 7.608 min Scan# 1964
 Delta R.T. 0.003 min
 Lab File: VU054866.D
 Acq: 25 Jul 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

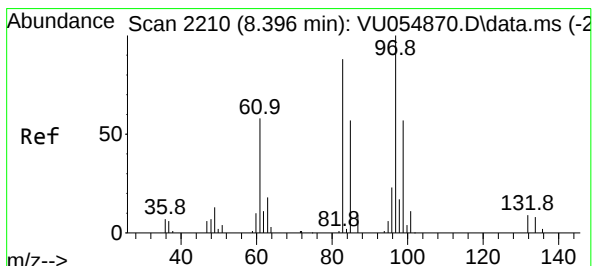
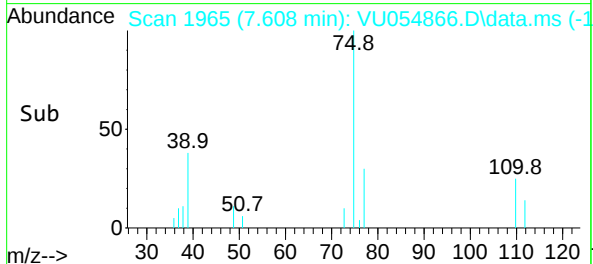
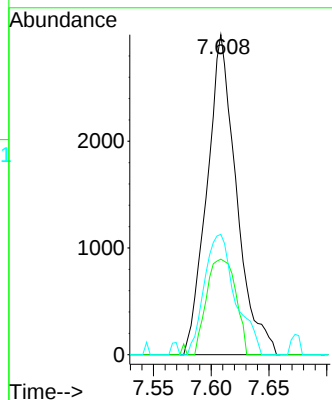
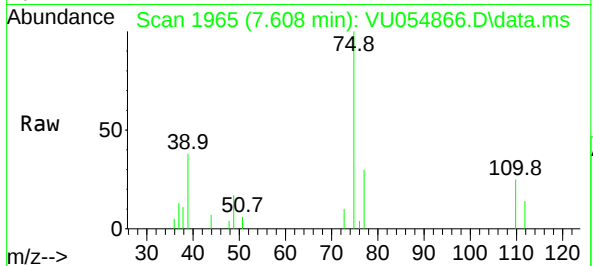
VSTDIC0.5

Tgt Ion: 75 Resp: 5314
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.8 38.8
 39 37.6 31.7 47.5

Manual Integrations

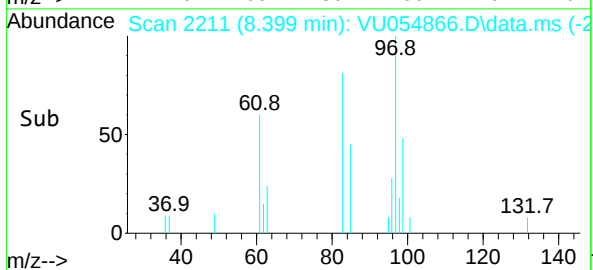
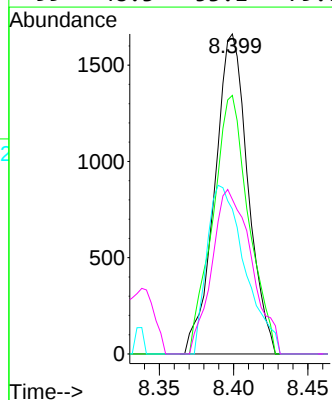
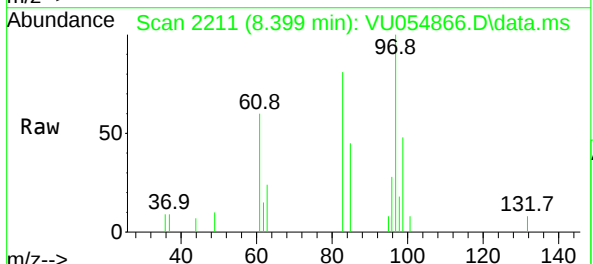
APPROVED

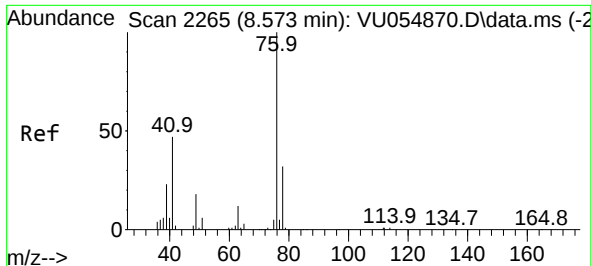
Reviewed By :Mahesh Dadoda 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#52
 1,1,2-Trichloroethane
 Concen: 0.491 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.003 min
 Lab File: VU054866.D
 Acq: 25 Jul 2023 09:52

Tgt Ion: 97 Resp: 2582
 Ion Ratio Lower Upper
 97 100
 83 80.8 77.4 116.2
 85 45.2 47.8 71.8#
 99 48.3 53.1 79.7#





#53

1,3-Dichloropropane

Concen: 0.479 ug/l

RT: 8.573 min Scan# 2102

Delta R.T. 0.003 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 76 Resp: 408

Ion Ratio Lower Upper

76 100

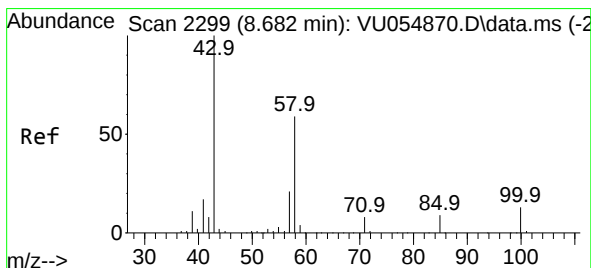
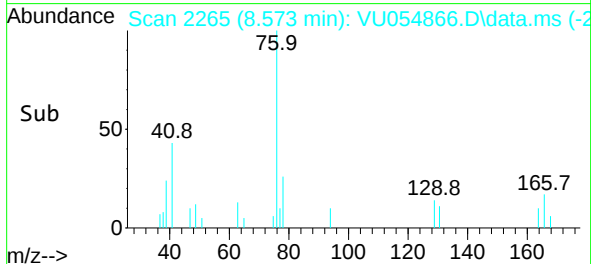
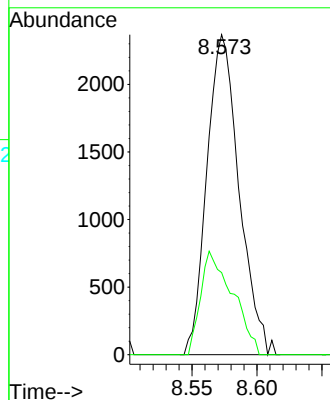
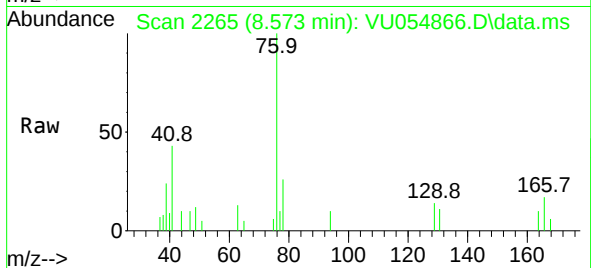
78 32.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#54

2-Hexanone

Concen: 2.318 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.010 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

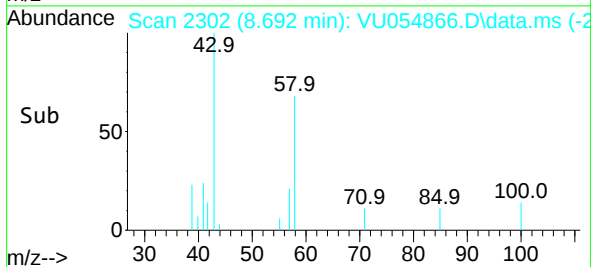
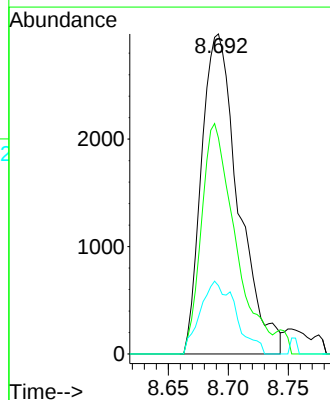
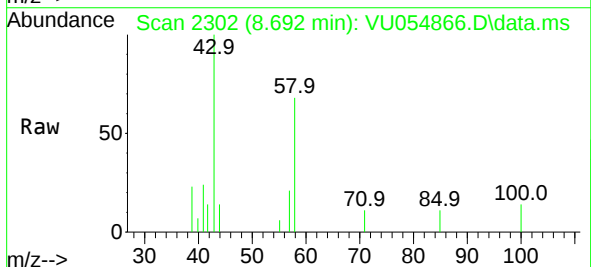
Tgt Ion: 43 Resp: 6380

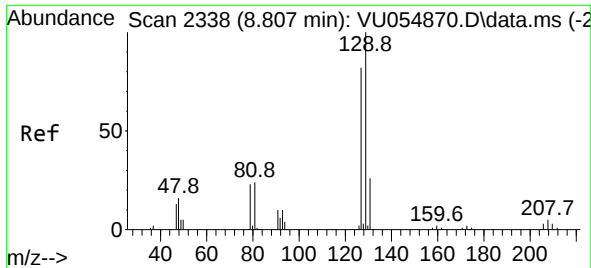
Ion Ratio Lower Upper

43 100

58 65.8 38.9 78.9

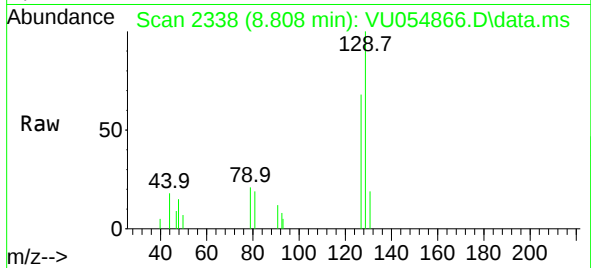
57 22.0 0.0 38.7





#55
Dibromochloromethane
Concen: 0.539 ug/l
RT: 8.808 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

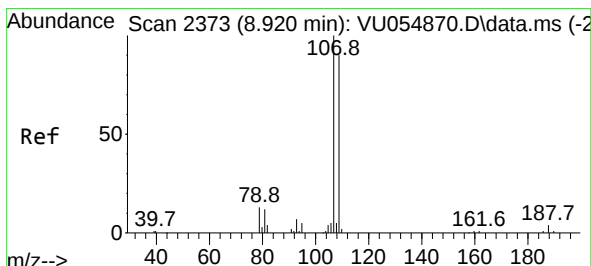
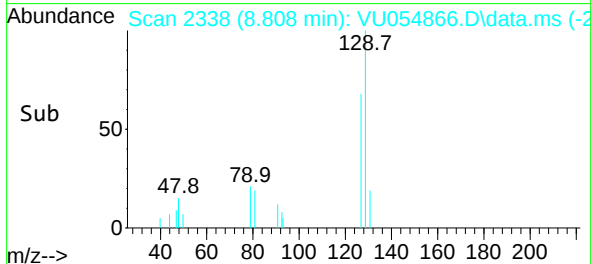
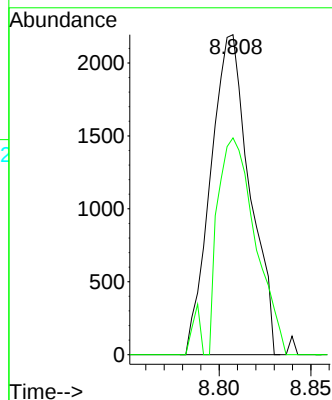
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:129 Resp: 3250
Ion Ratio Lower Upper
129 100
127 65.0 61.4 92.0

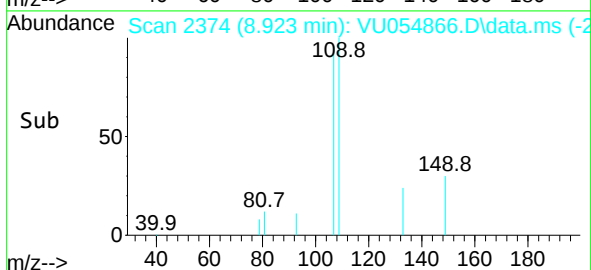
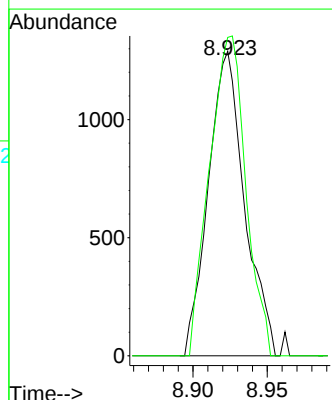
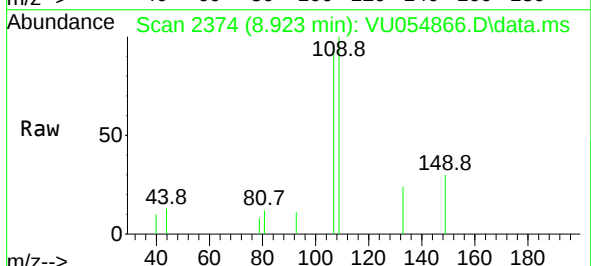
Manual Integrations
APPROVED

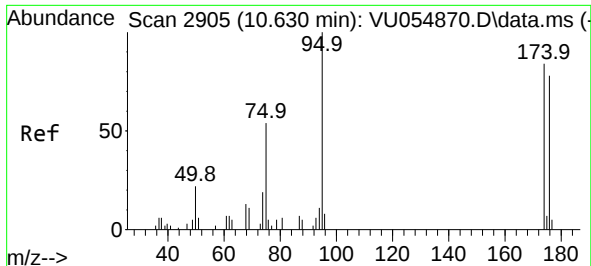
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#56
1,2-Dibromoethane
Concen: 0.490 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

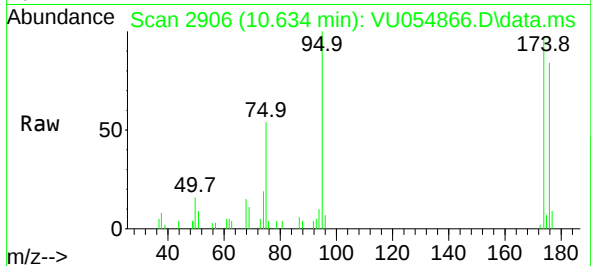
Tgt Ion:107 Resp: 2186
Ion Ratio Lower Upper
107 100
109 105.5 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.032 ug/l
RT: 10.634 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

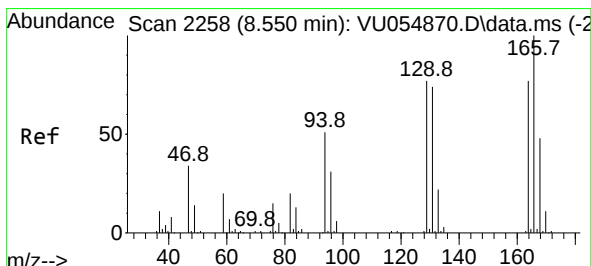
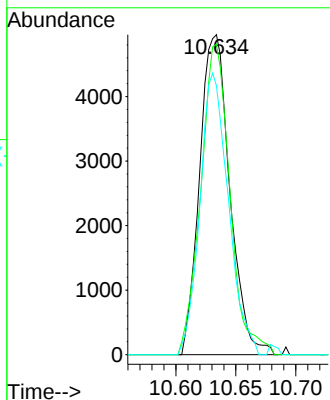
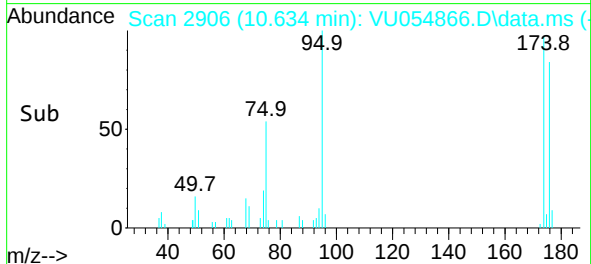
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



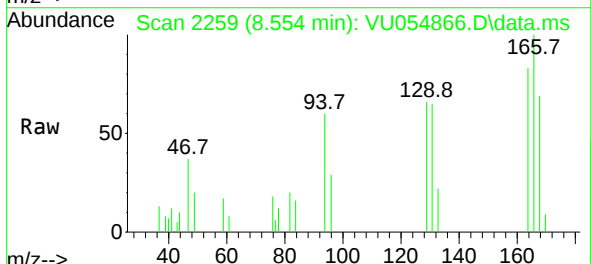
Tgt Ion: 95 Resp: 868
Ion Ratio Lower Upper
95 100
174 93.7 79.3 118.9
176 83.0 71.5 107.3

Manual Integrations
APPROVED

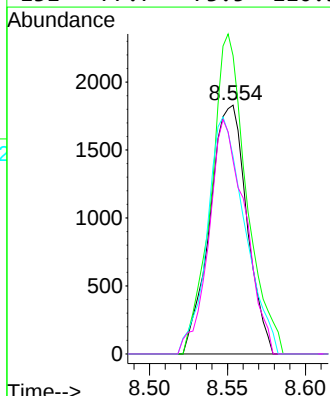
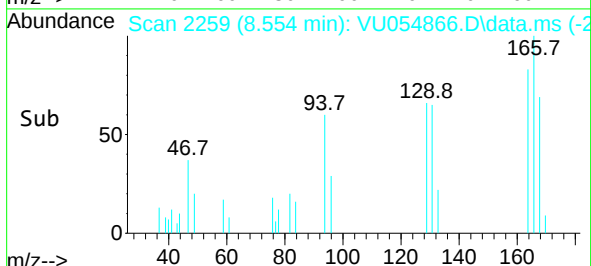
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

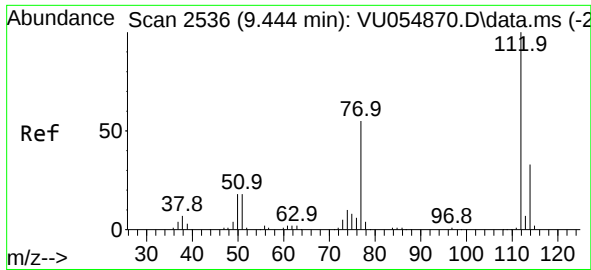


#58
Tetrachloroethene
Concen: 0.515 ug/l
RT: 8.554 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52



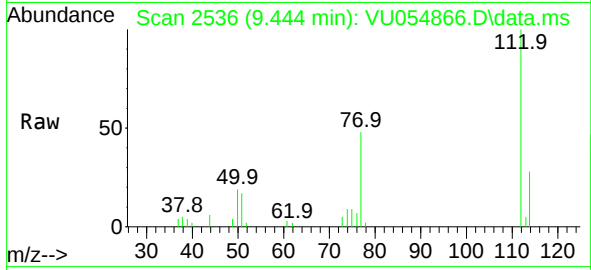
Tgt Ion:164 Resp: 3021
Ion Ratio Lower Upper
164 100
166 119.9 100.4 150.6
129 79.3 71.9 107.9
131 77.7 73.5 110.3





#59
Chlorobenzene
Concen: 0.523 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

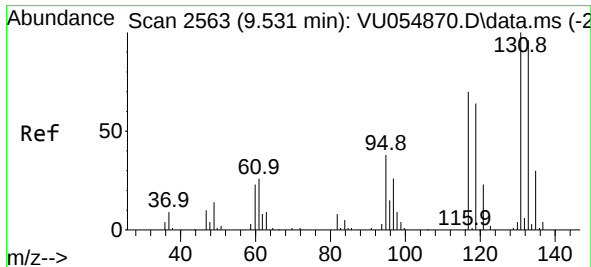
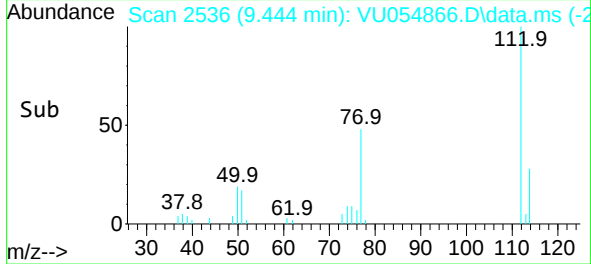
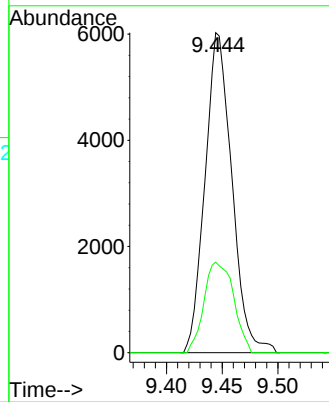
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 10109
Ion Ratio Lower Upper
112 100
114 28.3 25.0 37.6

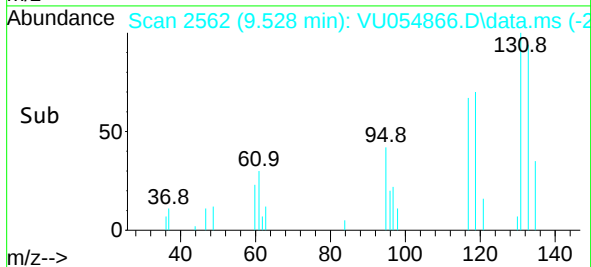
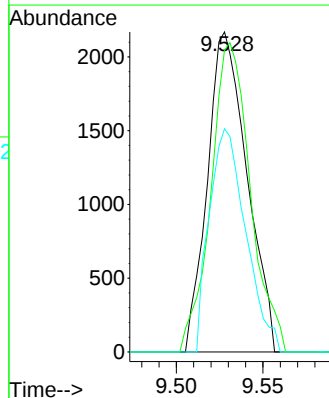
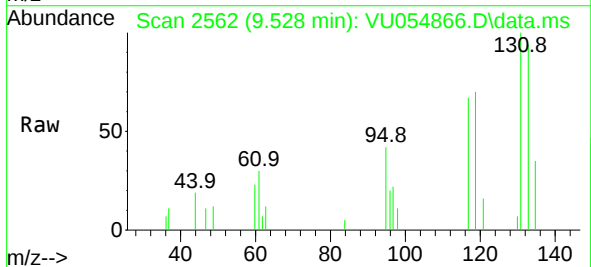
Manual Integrations
APPROVED

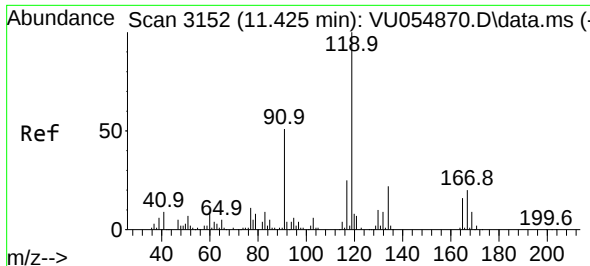
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.505 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

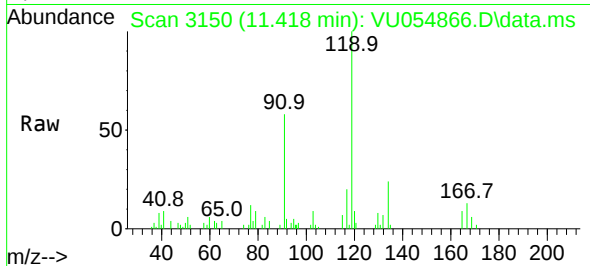
Tgt Ion:131 Resp: 3444
Ion Ratio Lower Upper
131 100
133 96.4 74.2 111.4
119 64.4 51.0 76.4





#61
Pentachloroethane
Concen: 0.499 ug/l
RT: 11.418 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

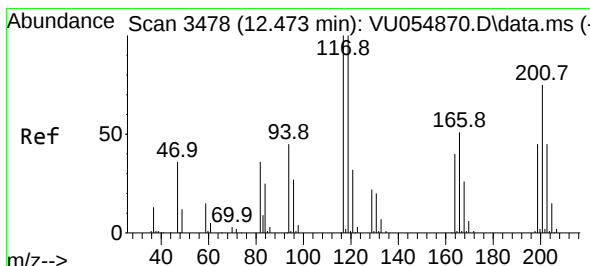
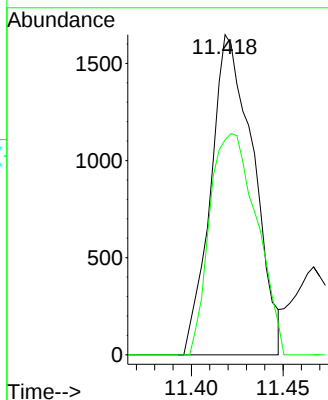
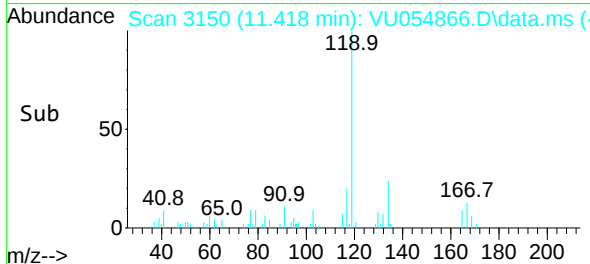
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



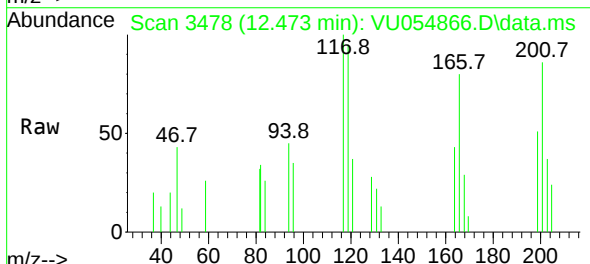
Tgt Ion:117 Resp: 2659
Ion Ratio Lower Upper
117 100
167 76.3 65.3 97.9

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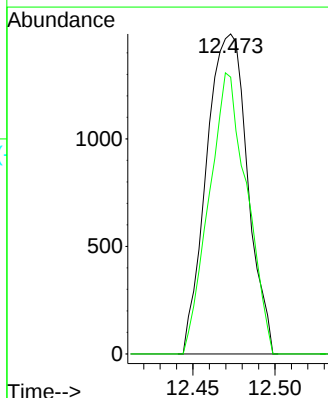
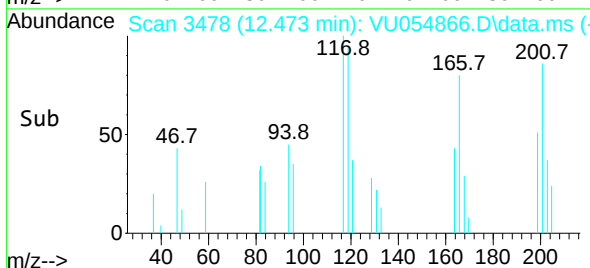
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

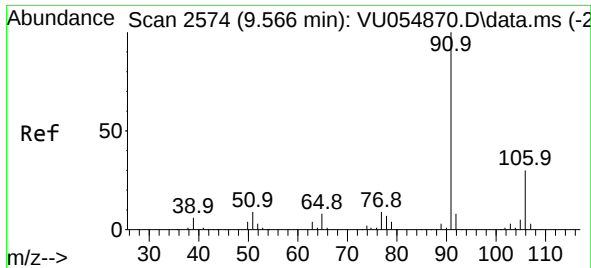


#62
Hexachloroethane
Concen: 0.473 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52



Tgt Ion:117 Resp: 2593
Ion Ratio Lower Upper
117 100
201 80.6 56.1 84.1





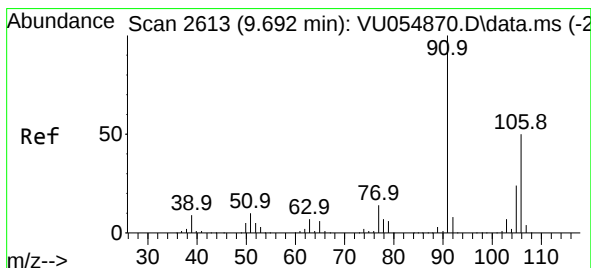
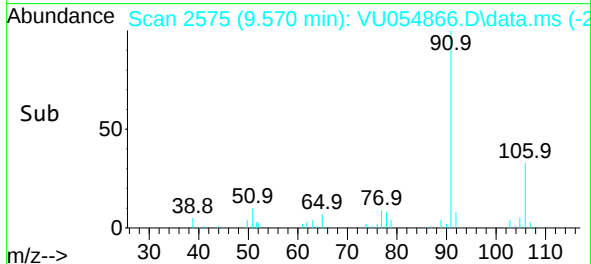
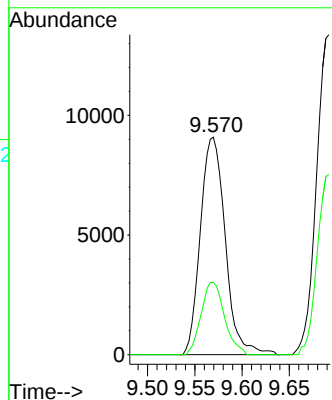
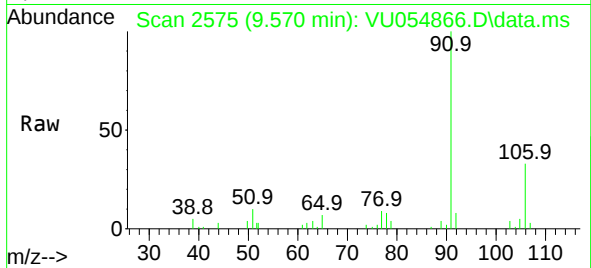
#63
Ethyl Benzene
Concen: 0.513 ug/l
RT: 9.570 min Scan# 2163
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 1663
Ion Ratio Lower Upper
91 100
106 33.2 24.2 36.2

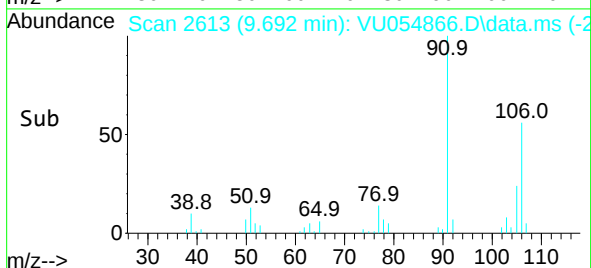
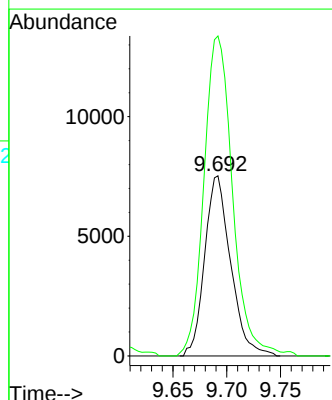
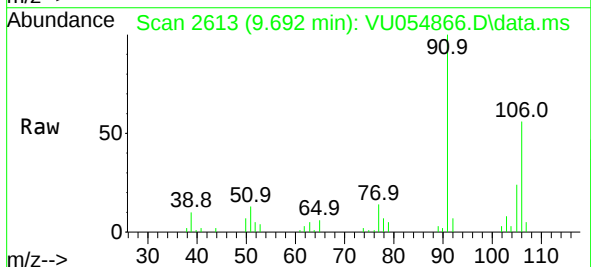
Manual Integrations
APPROVED

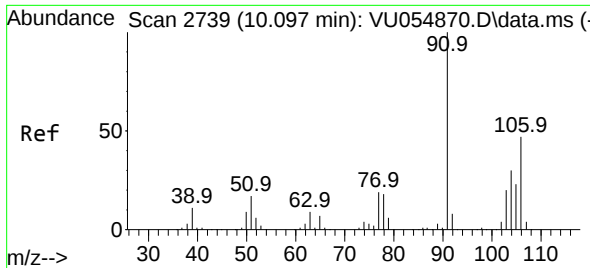
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#64
m/p-Xylenes
Concen: 1.045 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Tgt Ion:106 Resp: 12683
Ion Ratio Lower Upper
106 100
91 194.7 158.8 238.2





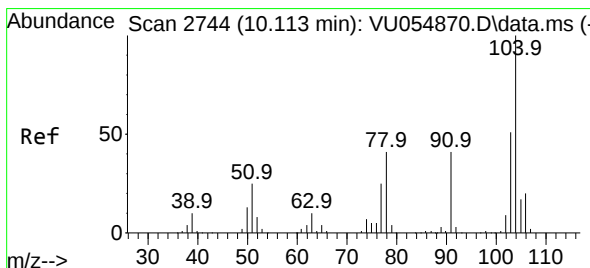
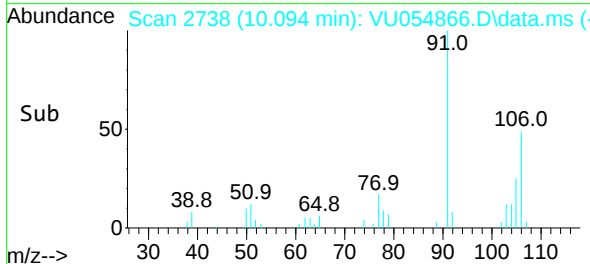
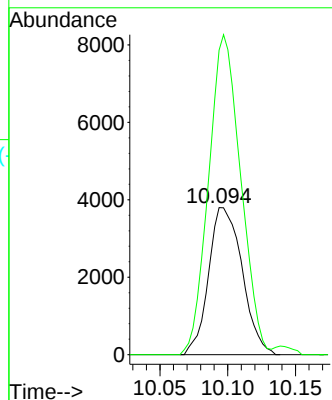
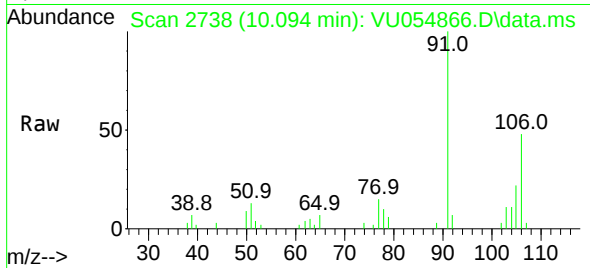
#65
o-Xylene
Concen: 0.525 ug/l
RT: 10.094 min Scan# 2739
Delta R.T. -0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:106 Resp: 653
Ion Ratio Lower Upper
106 100
91 208.2 108.9 326.8

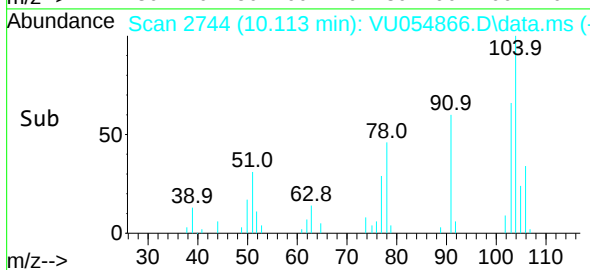
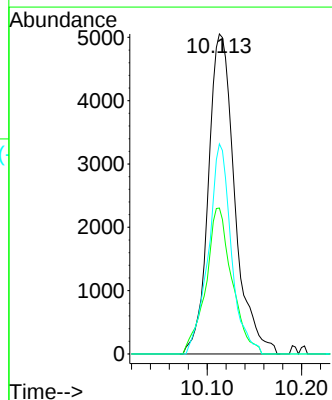
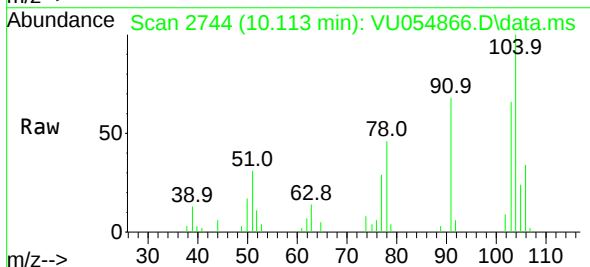
Manual Integrations
APPROVED

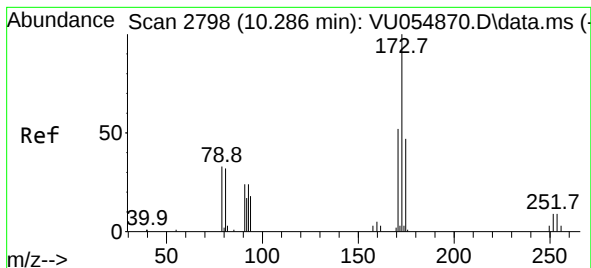
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#66
Styrene
Concen: 0.492 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Tgt Ion:104 Resp: 9809
Ion Ratio Lower Upper
104 100
78 45.1 37.5 56.3
103 56.9 45.2 67.8





#67

Bromoform

Concen: 0.327 ug/l

RT: 10.290 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

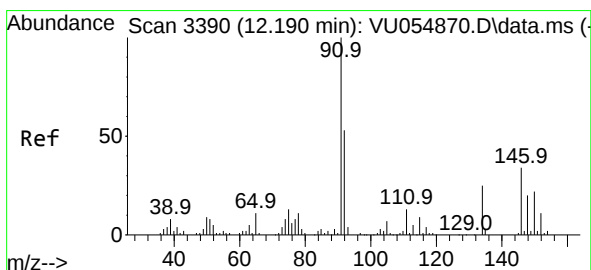
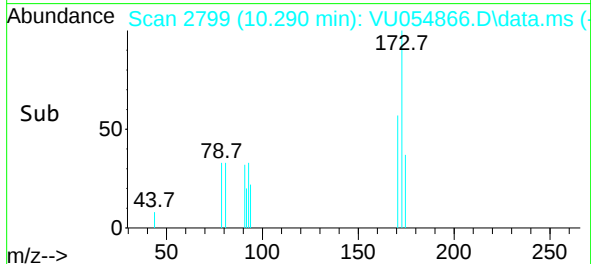
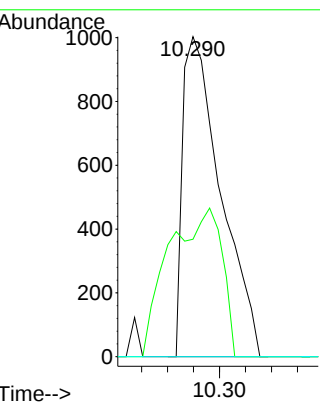
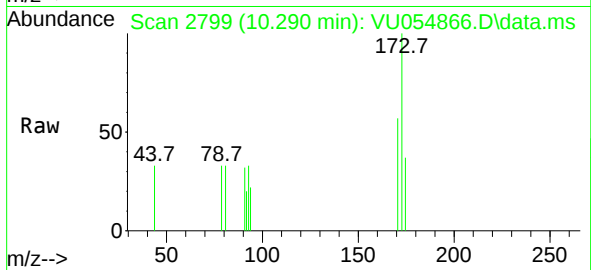
VSTDICC0.5

Tgt Ion:173	Resp:	1023
Ion Ratio	Lower	Upper
173	100	
175	64.8	39.0 58.6
254	0.0	7.4 11.0

Manual Integrations

APPROVED

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



#68

1,2-Dichlorobenzene-d4

Concen: 0.894 ug/l

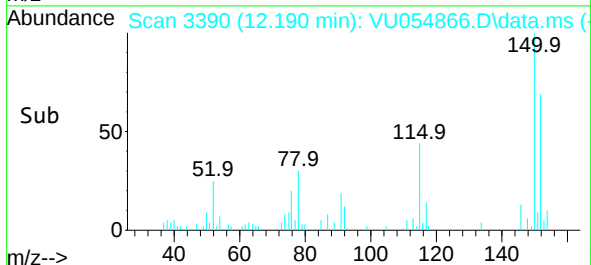
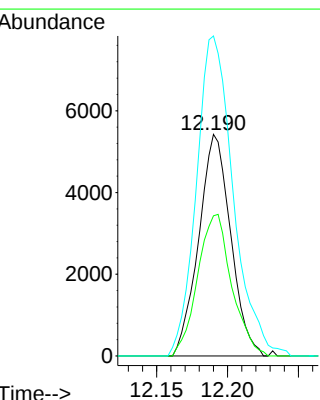
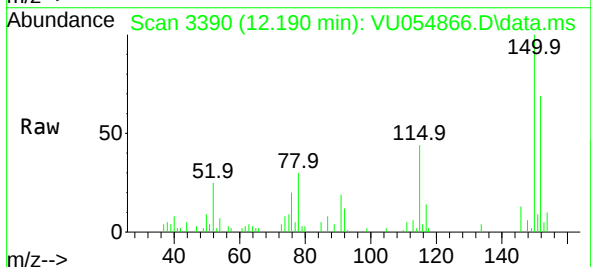
RT: 12.190 min Scan# 3390

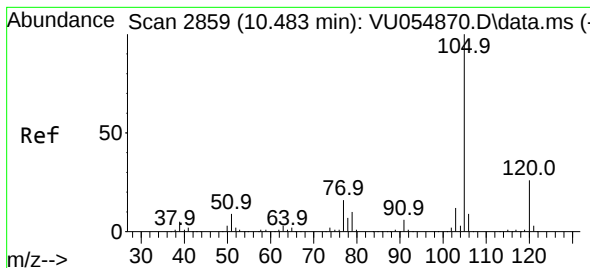
Delta R.T. 0.000 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

Tgt Ion:152	Resp:	8506
Ion Ratio	Lower	Upper
152	100	
115	68.0	0.0 234.8
150	166.4	0.0 598.2





#69

Isopropylbenzene

Concen: 0.512 ug/l

RT: 10.479 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 17120

Ion Ratio Lower Upper

105 100

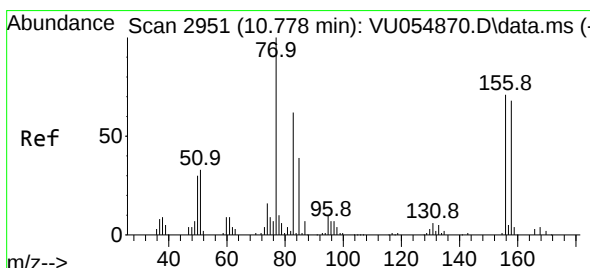
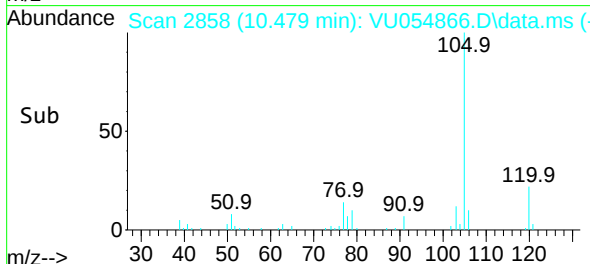
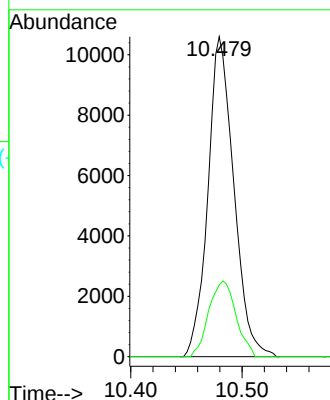
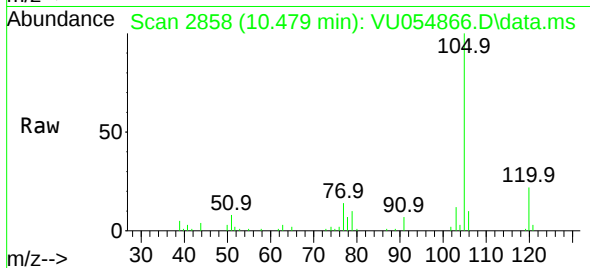
120 24.8 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 0.515 ug/l

RT: 10.782 min Scan# 2952

Delta R.T. 0.003 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

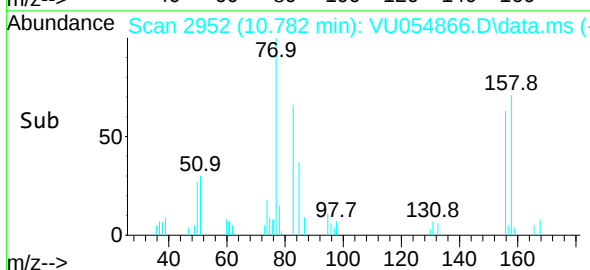
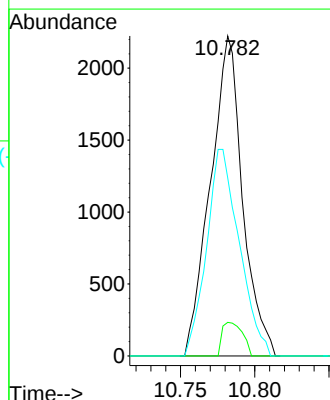
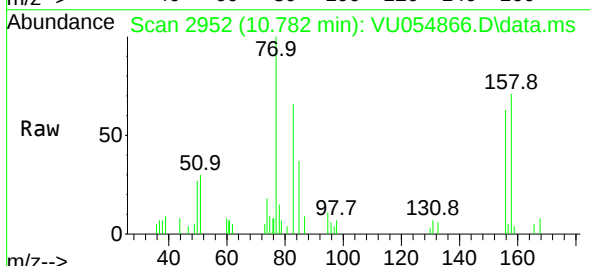
Tgt Ion: 83 Resp: 3351

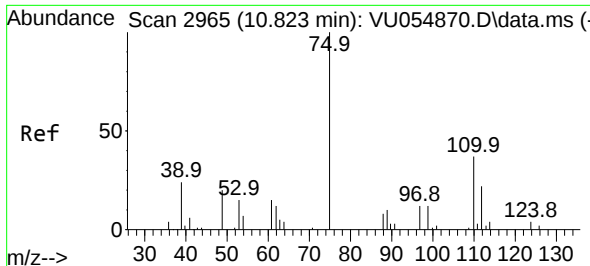
Ion Ratio Lower Upper

83 100

131 6.6 7.5 11.3#

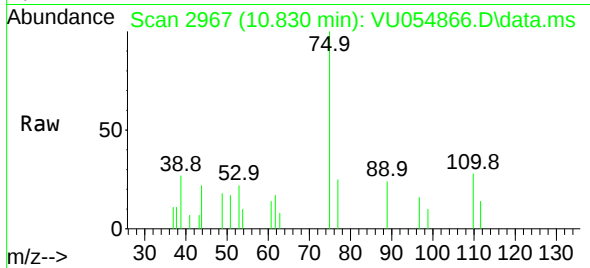
85 65.6 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 0.590 ug/l m
RT: 10.830 min Scan# 2965
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

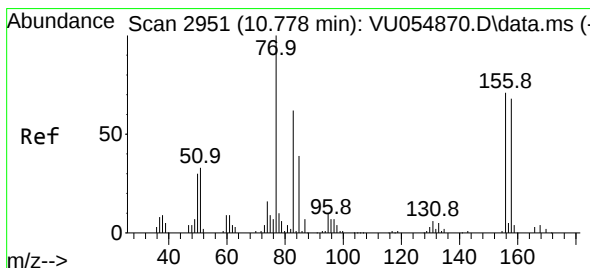
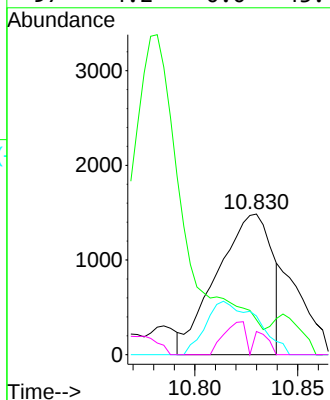
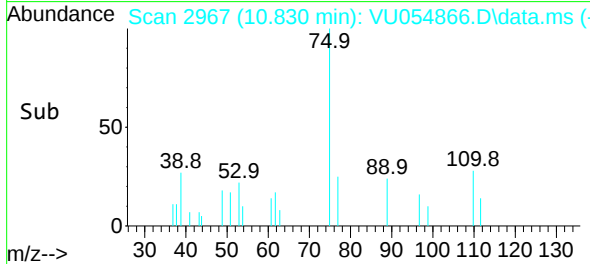
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



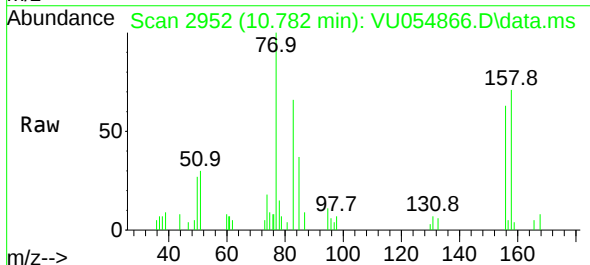
Tgt Ion: 75 Resp: 2759
Ion Ratio Lower Upper
75 100
77 13.3 0.0 0.0
110 0.0 0.0 80.8
97 4.2 0.0 43.4

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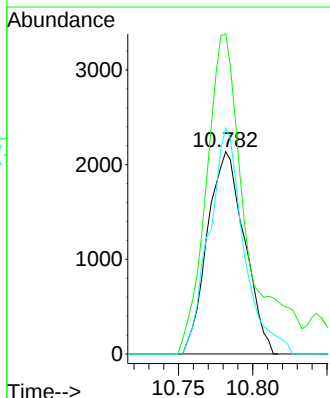
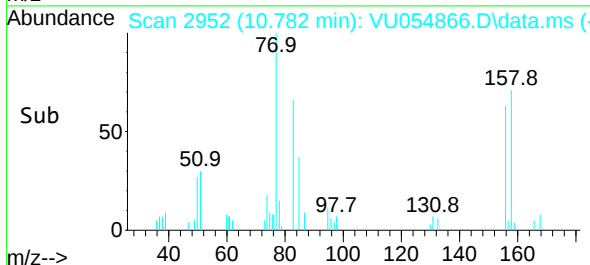
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

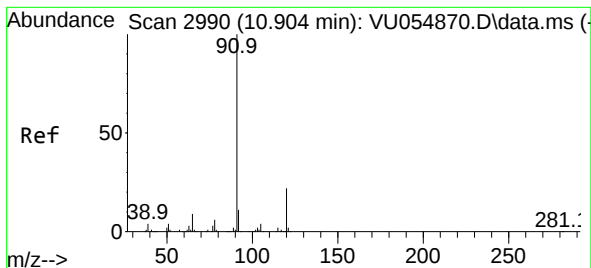


#72
Bromobenzene
Concen: 0.499 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52



Tgt Ion:156 Resp: 3719
Ion Ratio Lower Upper
156 100
77 169.5 0.0 293.2
158 104.4 0.0 189.8





#73

n-propylbenzene

Concen: 0.482 ug/l

RT: 10.907 min Scan# 2990

Delta R.T. 0.007 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion:120 Resp: 431

Ion Ratio Lower Upper

120 100

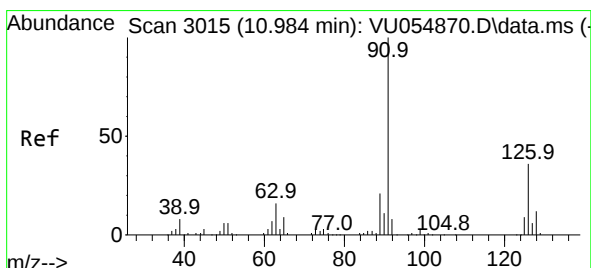
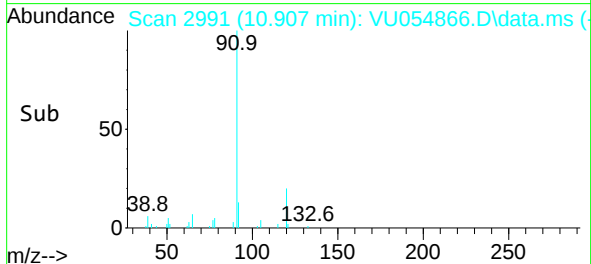
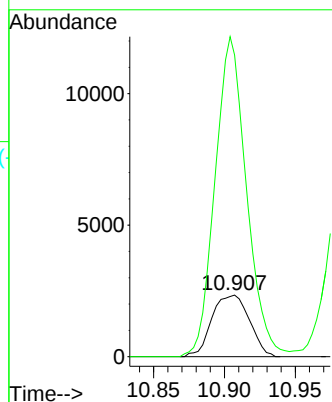
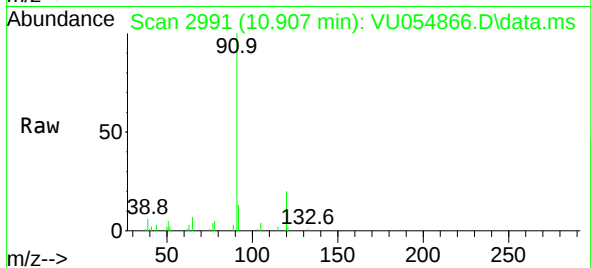
91 435.3 361.8 542.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#74

2-Chlorotoluene

Concen: 0.470 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.000 min

Lab File: VU054866.D

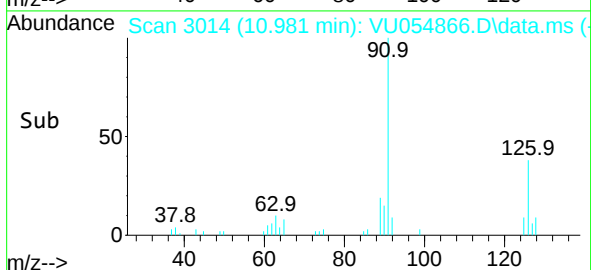
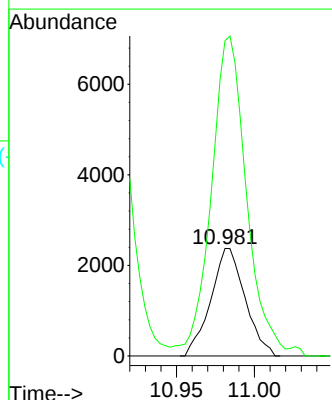
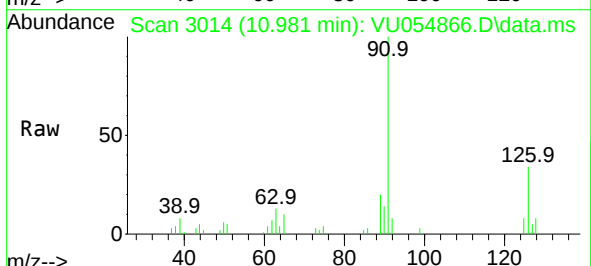
Acq: 25 Jul 2023 09:52

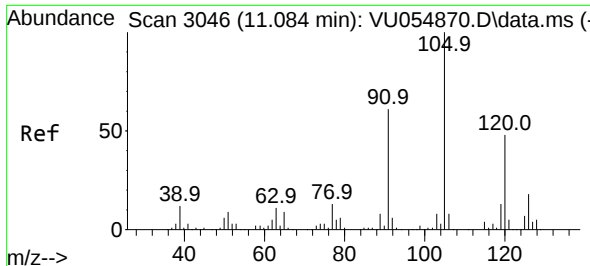
Tgt Ion:126 Resp: 3639

Ion Ratio Lower Upper

126 100

91 306.5 0.0 561.4





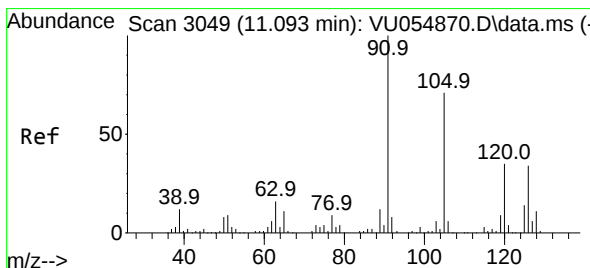
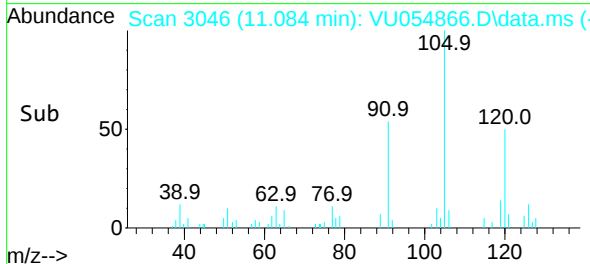
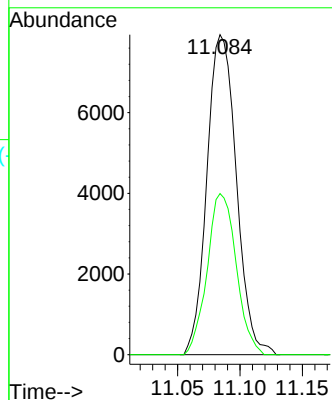
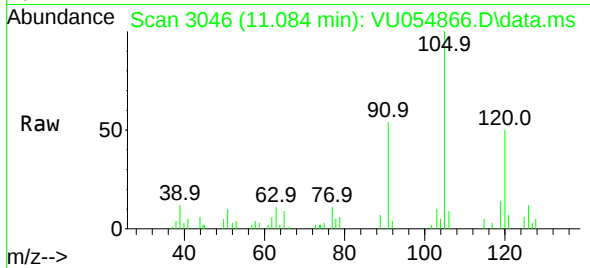
#75
1,3,5-Trimethylbenzene
Concen: 0.481 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 13024
Ion Ratio Lower Upper
105 100
120 49.7 39.0 58.4

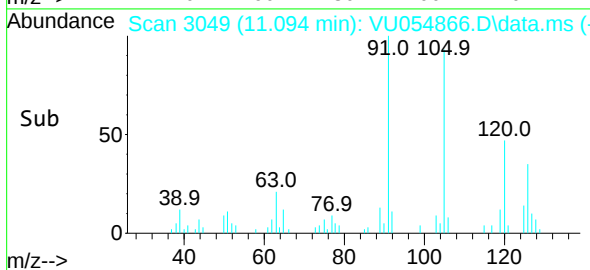
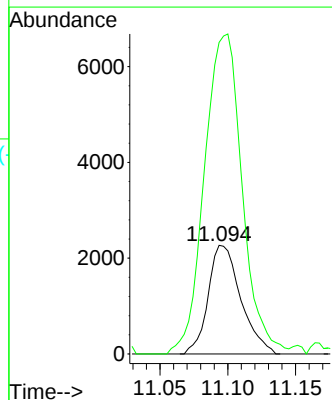
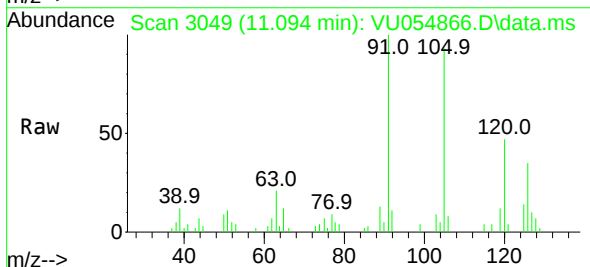
Manual Integrations
APPROVED

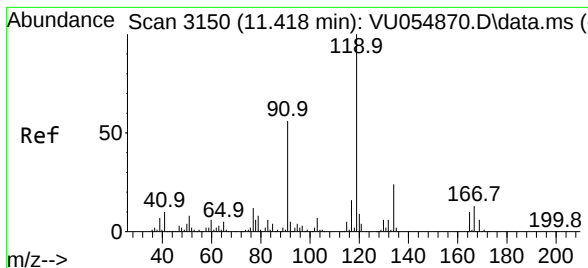
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#76
4-Chlorotoluene
Concen: 0.472 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

Tgt Ion:126 Resp: 3799
Ion Ratio Lower Upper
126 100
91 340.2 0.0 623.4





#77

tert-Butylbenzene

Concen: 0.508 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU054866.D

Acq: 25 Jul 2023 09:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion:119 Resp: 14309

Ion Ratio Lower Upper

119 100

91 58.5 27.7 83.1

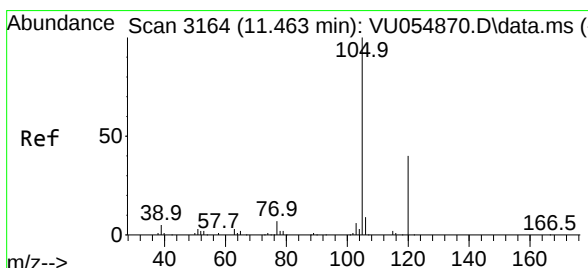
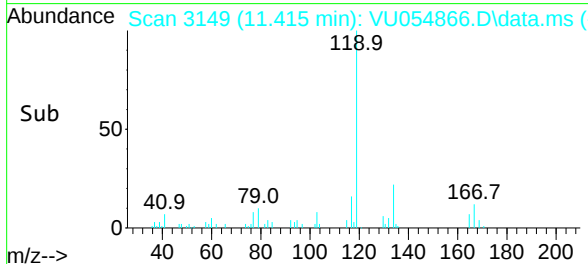
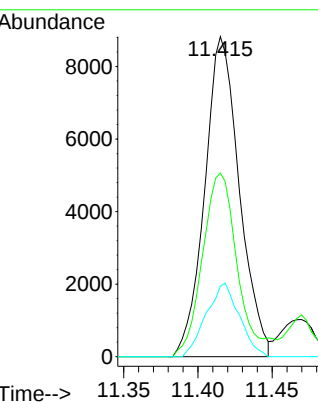
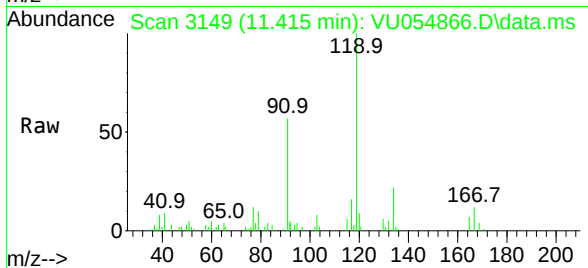
134 21.9 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#78

1,2,4-Trimethylbenzene

Concen: 0.498 ug/l

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU054866.D

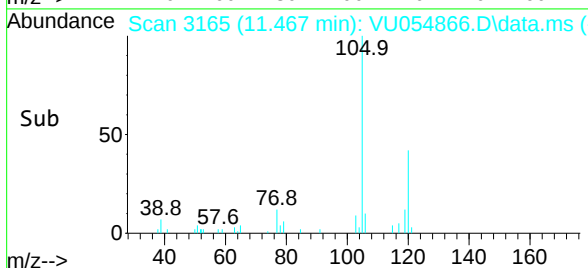
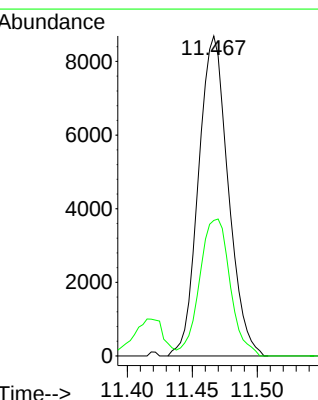
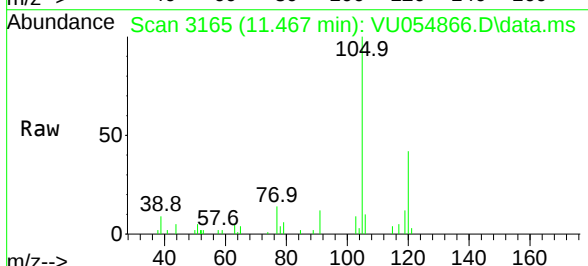
Acq: 25 Jul 2023 09:52

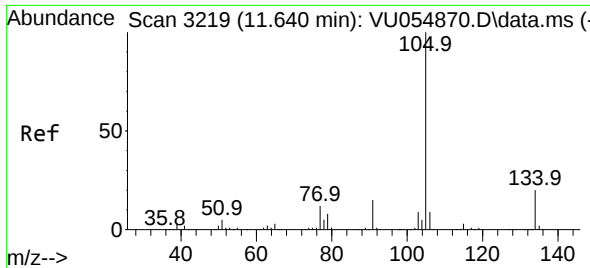
Tgt Ion:105 Resp: 13811

Ion Ratio Lower Upper

105 100

120 43.8 22.4 67.3





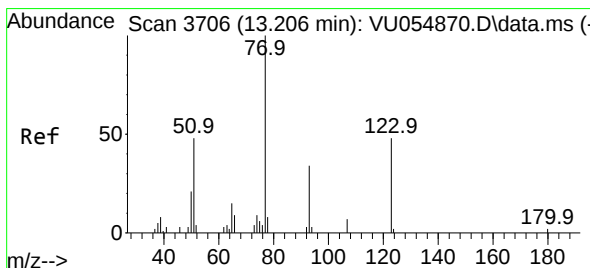
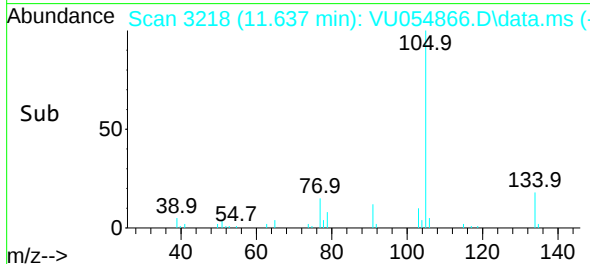
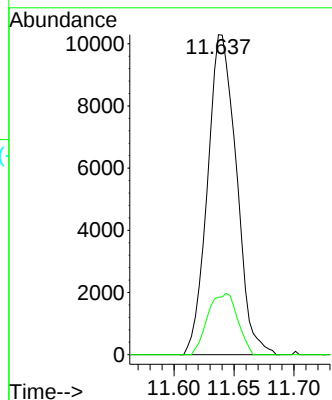
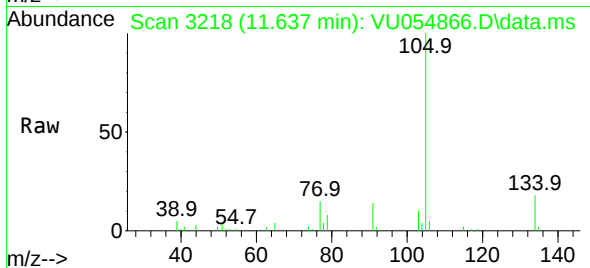
#79
 sec-Butylbenzene
 Concen: 0.470 ug/l
 RT: 11.637 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VU054866.D
 Acq: 25 Jul 2023 09:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:105 Resp: 1721
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.7 23.5

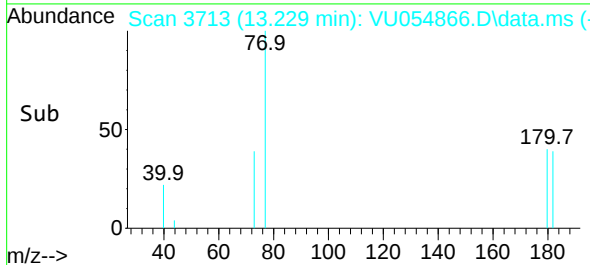
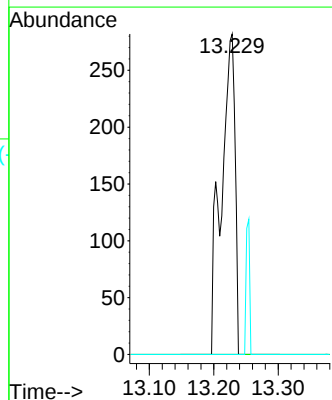
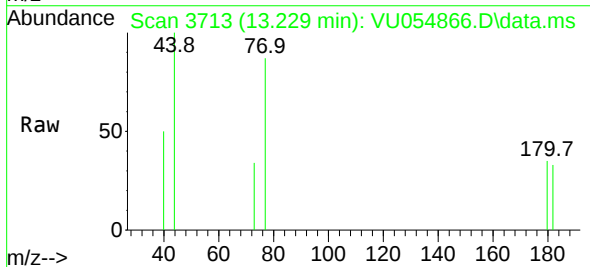
Manual Integrations
 APPROVED

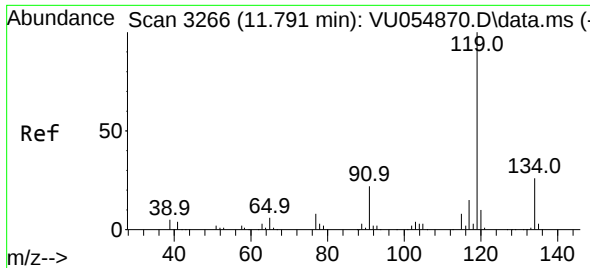
Reviewed By :Mahesh Dadoda 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#80
 Nitrobenzene
 Concen: 2.449 ug/l m
 RT: 13.229 min Scan# 3713
 Delta R.T. 0.026 min
 Lab File: VU054866.D
 Acq: 25 Jul 2023 09:52

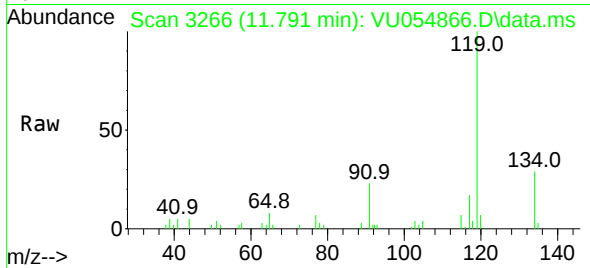
Tgt Ion: 77 Resp: 419
 Ion Ratio Lower Upper
 77 100
 123 0.0 20.2 71.8#
 65 0.0 11.7 14.9#





#81
p-Isopropyltoluene
Concen: 0.456 ug/l
RT: 11.791 min Scan# 3188
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

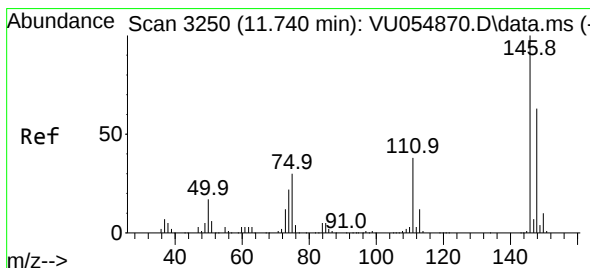
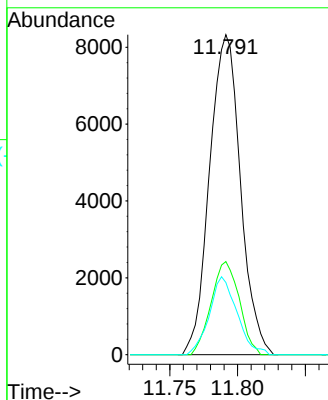
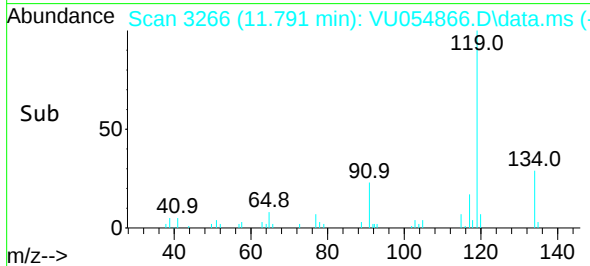
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



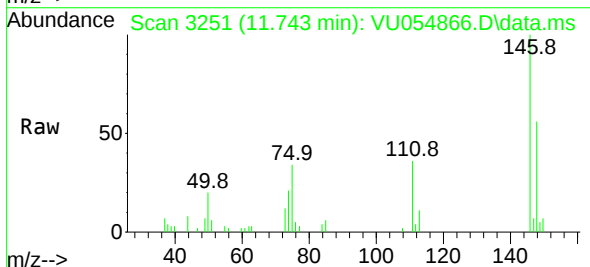
Tgt Ion:119 Resp: 1318
Ion Ratio Lower Upper
119 100
134 26.5 20.6 31.0
91 21.8 18.2 27.4

Manual Integrations
APPROVED

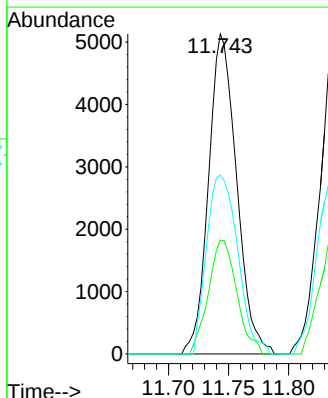
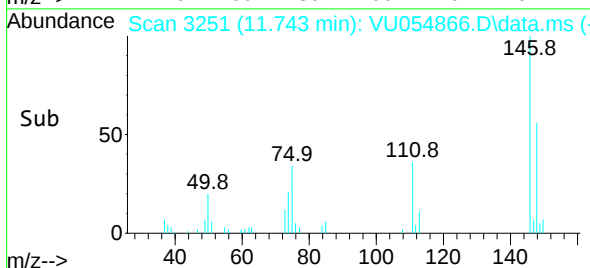
Reviewed By :Mahesh Dadoda 07/28/2023
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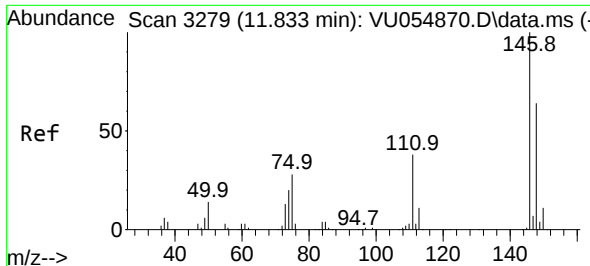


#82
1,3-Dichlorobenzene
Concen: 0.527 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52



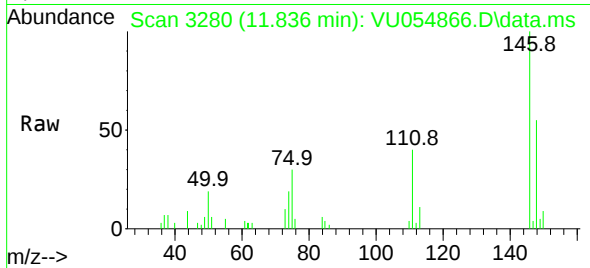
Tgt Ion:146 Resp: 8356
Ion Ratio Lower Upper
146 100
111 36.0 30.5 45.7
148 62.3 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 0.490 ug/l
RT: 11.836 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

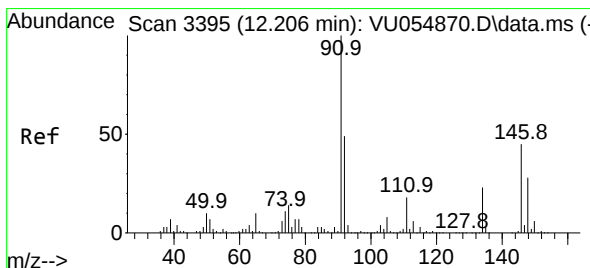
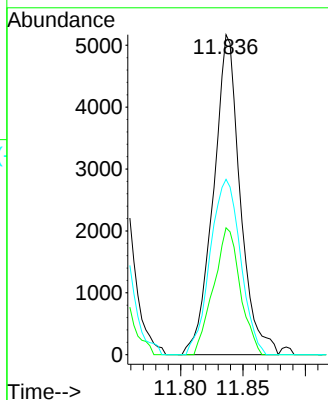
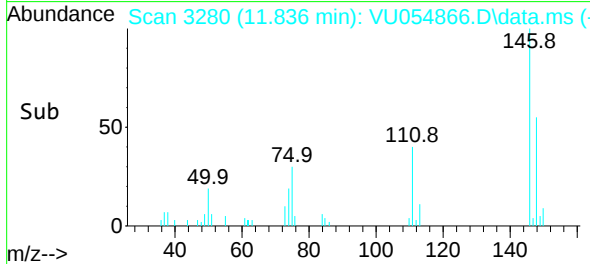
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



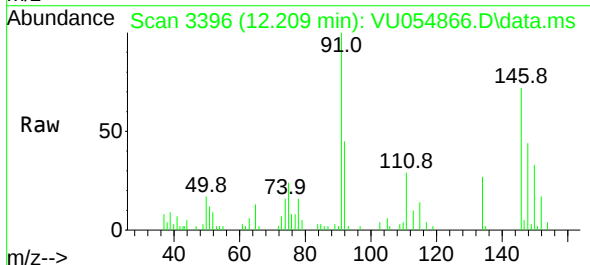
Tgt Ion:146 Resp: 7738
Ion Ratio Lower Upper
146 100
111 39.3 29.5 44.3
148 62.1 51.2 76.8

Manual Integrations
APPROVED

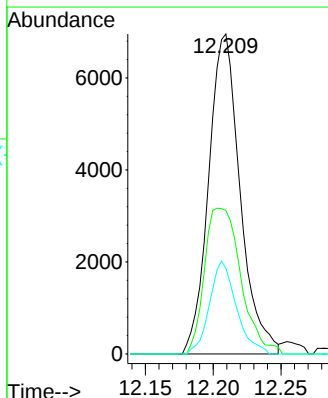
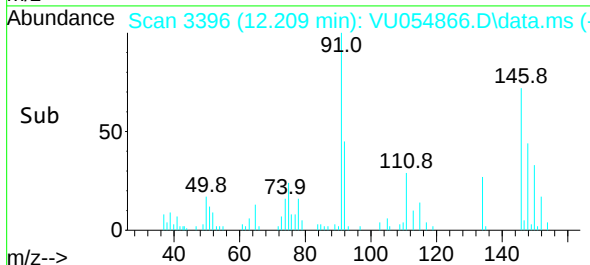
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

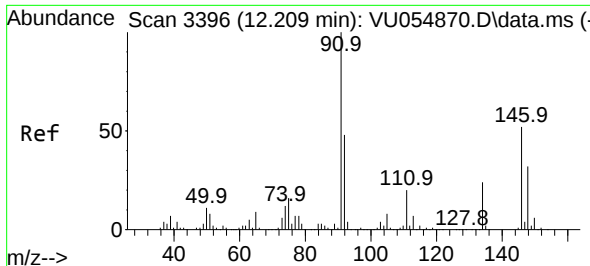


#84
n-Butylbenzene
Concen: 0.433 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.006 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52



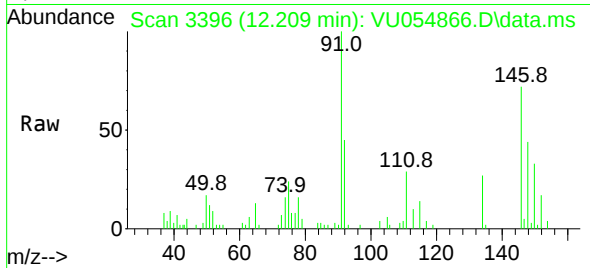
Tgt Ion: 91 Resp: 11246
Ion Ratio Lower Upper
91 100
92 52.5 39.8 59.8
134 24.7 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 0.533 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

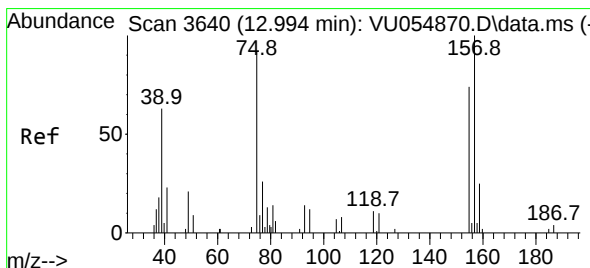
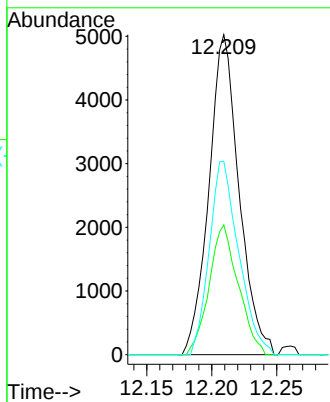
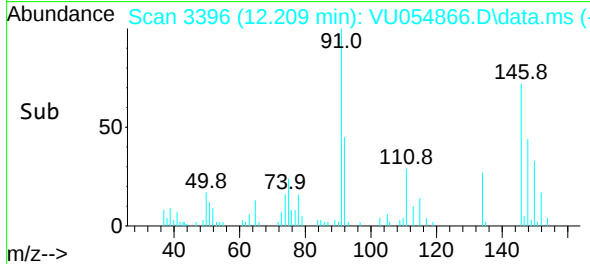
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



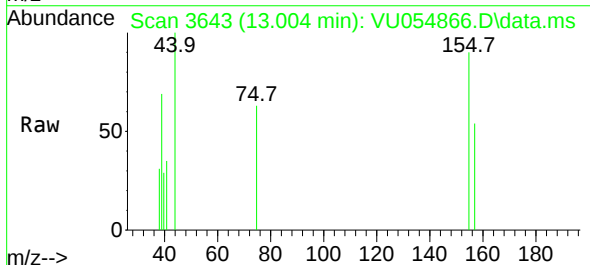
Tgt Ion:146 Resp: 810
Ion Ratio Lower Upper
146 100
111 39.2 19.8 59.4
148 59.1 31.8 95.3

Manual Integrations
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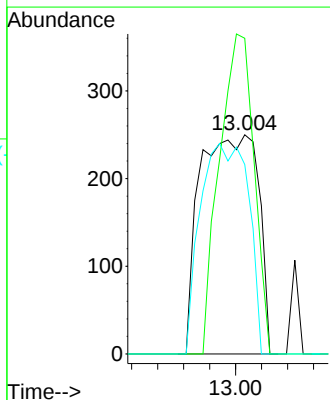
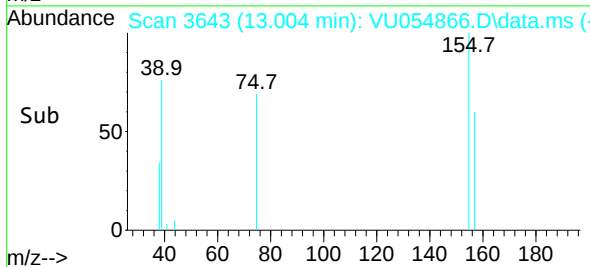
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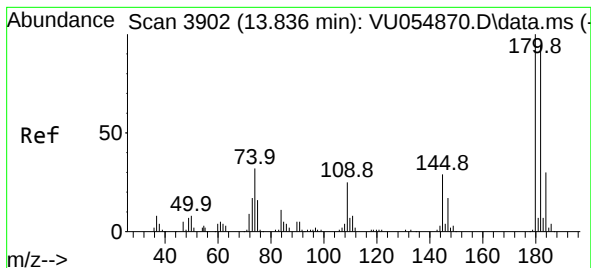


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.448 ug/l
RT: 13.004 min Scan# 3643
Delta R.T. 0.014 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52



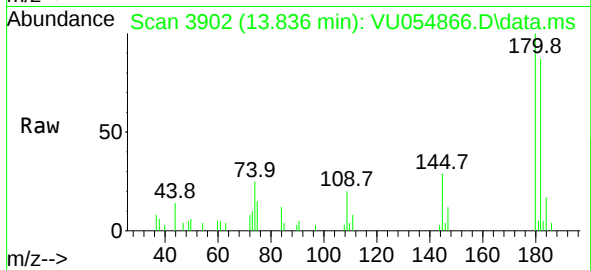
Tgt Ion: 75 Resp: 388
Ion Ratio Lower Upper
75 100
155 86.6 74.8 112.2
157 79.4 97.4 146.0#





#87
1,2,4-Trichlorobenzene
Concen: 0.544 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52

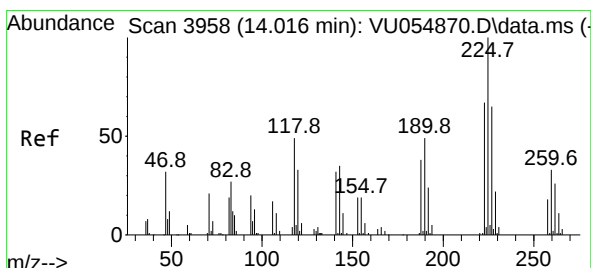
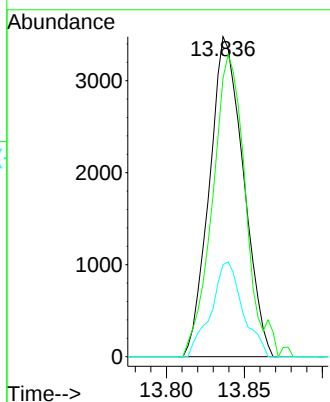
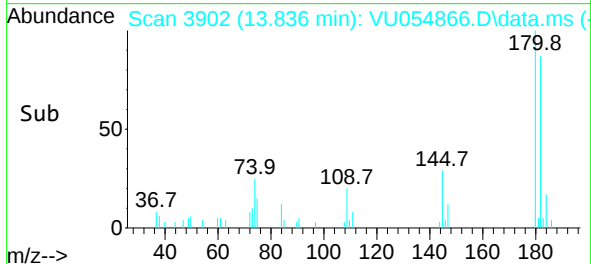
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



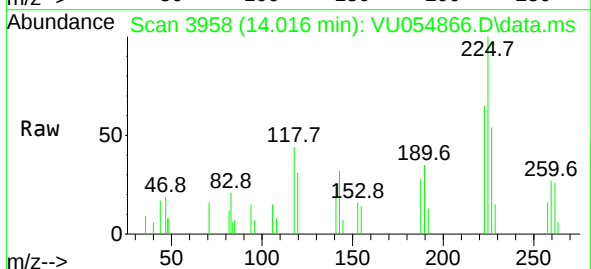
Tgt Ion:180 Resp: 5278
Ion Ratio Lower Upper
180 100
182 92.0 77.0 115.6
145 27.5 23.4 35.0

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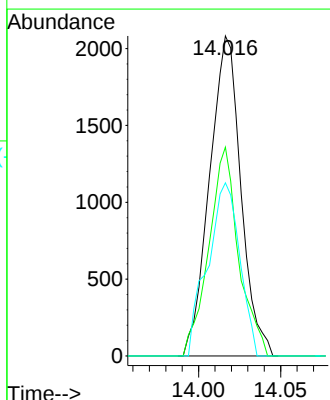
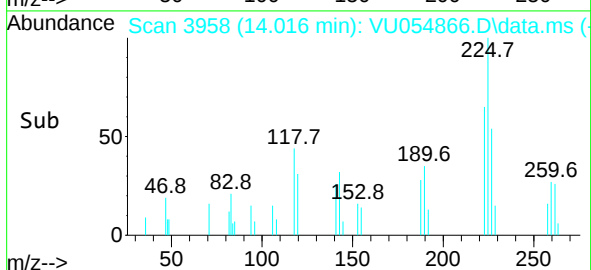
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

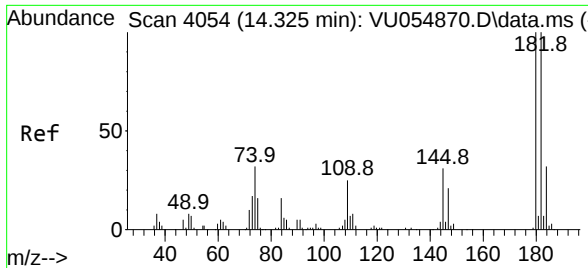


#88
Hexachlorobutadiene
Concen: 0.534 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054866.D
Acq: 25 Jul 2023 09:52



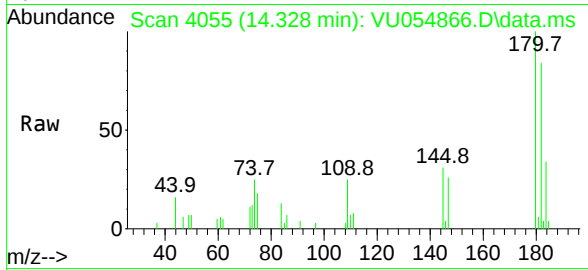
Tgt Ion:225 Resp: 2763
Ion Ratio Lower Upper
225 100
223 62.1 50.6 76.0
227 55.3 50.7 76.1





#90
 1,2,3-Trichlorobenzene
 Concen: 0.547 ug/l
 RT: 14.328 min Scan# 4054
 Delta R.T. 0.003 min
 Lab File: VU054866.D
 Acq: 25 Jul 2023 09:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:180 Resp: 470
 Ion Ratio Lower Upper
 180 100
 182 92.4 76.0 114.0
 145 29.3 24.3 36.5

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