

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
 Data File : VU054884.D
 Acq On : 26 Jul 2023 18:32
 Operator : MD/SY
 Sample : RL-CHECK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Quant Time: Jul 28 05:26:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

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

Internal Standards						
1) Fluorobenzene	6.113	96	26784	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	8577	1.056	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	8858	0.965	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	5053	0.991	ug/l	97
3) Chloromethane	1.515	50	5361	0.936	ug/l	95
4) Vinyl Chloride	1.599	62	7249	0.947	ug/l	92
5) Bromomethane	1.853	94	6108	1.006	ug/l	# 80
6) Chloroethane	1.930	64	5883	0.744	ug/l	97
7) Trichlorofluoromethane	2.136	101	14814	0.824	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	5380	0.924	ug/l	# 84
9) 1,1-Dichloroethene	2.576	96	4139	0.895	ug/l	80
10) Iodomethane	2.718	142	6389	0.885	ug/l	97
11) Allyl Chloride	2.924	41	4825	0.873	ug/l	96
12) Acrylonitrile	3.348	53	2460m	2.120	ug/l	
13) Acetone	2.647	43	6091m	5.022	ug/l	
14) Carbon Disulfide	2.788	76	7482	0.934	ug/l	99
15) Methylene Chloride	3.039	84	7479	1.222	ug/l	87
16) trans-1,2-Dichloroethene	3.348	96	5061	1.005	ug/l	84
17) 1,1-Dichloroethane	3.872	63	9925	0.882	ug/l	# 93
18) 2-Butanone	4.731	43	7272m	4.753	ug/l	
19) Cyclohexane	5.383	56	6247m	0.986	ug/l	
20) Methylcyclohexane	6.759	83	8304	0.980	ug/l	94
21) 2,2-Dichloropropane	4.660	77	8246	0.790	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	6155	0.920	ug/l	93
23) Diethyl Ether	2.374	59	7345	1.077	ug/l	94
24) tert-Butyl Alcohol	3.271	59	6181m	9.739	ug/l	
25) Methyl tert-Butyl Ether	3.358	73	14623	1.022	ug/l	99
26) Bromochloromethane	4.968	128	2670	0.973	ug/l	94
27) Chloroform	5.084	83	12060	0.997	ug/l	100
28) 1,1,1-Trichloroethane	5.306	97	10052	0.963	ug/l	97
29) 1,1-Dichloropropene	5.525	75	7244	0.940	ug/l	95
30) Carbon Tetrachloride	5.521	117	8373	0.961	ug/l	93
31) Isopropyl Ether	3.994	45	16018	0.964	ug/l	98
32) Ethyl-t-butyl ether	4.499	59	16314	0.953	ug/l	99
33) Tert-Amyl methyl ether	5.936	73	15989	0.988	ug/l	97
34) Propionitrile	4.833	54	2611m	6.189	ug/l	
35) Benzene	5.769	78	23662	0.981	ug/l	100
36) 1,2-Dichloroethane	5.792	62	6437	0.938	ug/l	# 84
37) Trichloroethene	6.541	130	6421	0.990	ug/l	92
38) 1,2-Dichloropropane	6.792	63	6345	0.930	ug/l	100
39) Methacrylonitrile	4.991	41	1629	0.963	ug/l	# 75
40) Methyl acrylate	4.862	55	3110m	1.157	ug/l	
41) Tetrahydrofuran	5.065	42	2246m	2.323	ug/l	
42) 1-Chlorobutane	5.457	56	9133	0.905	ug/l	93
43) Dibromomethane	6.917	93	3572	1.115	ug/l	93
44) Bromodichloromethane	7.103	83	8091	0.907	ug/l	# 92

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Instrument :
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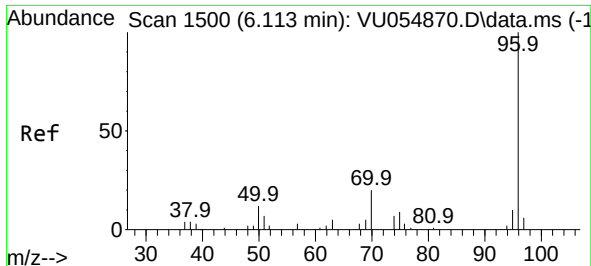
Quant Time: Jul 28 05:26:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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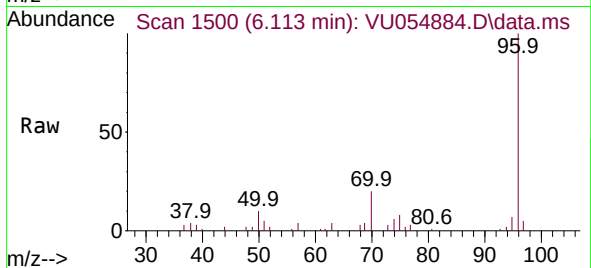
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.792	43	20070	5.370	ug/l	95
46) t-1,4-Dichloro-2-butene	10.830	75	3118m	2.073	ug/l	
47) Methyl methacrylate	6.965	69	5804	1.982	ug/l	92
48) Ethyl methacrylate	8.335	69	5678	0.959	ug/l	91
49) Toluene	7.965	92	14765	0.961	ug/l	99
50) t-1,3-Dichloropropene	8.210	75	7713	0.973	ug/l #	88
51) cis-1,3-Dichloropropene	7.605	75	8706	0.894	ug/l	95
52) 1,1,2-Trichloroethane	8.396	97	5134	1.011	ug/l	94
53) 1,3-Dichloropropane	8.573	76	8320	1.013	ug/l	98
54) 2-Hexanone	8.685	43	13442	5.061	ug/l	97
55) Dibromochloromethane	8.808	129	5008	0.861	ug/l	94
56) 1,2-Dibromoethane	8.923	107	4272	0.993	ug/l	95
58) Tetrachloroethene	8.550	164	6467	1.142	ug/l	89
59) Chlorobenzene	9.447	112	17514	0.939	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.531	131	6125	0.930	ug/l	99
61) Pentachloroethane	11.425	117	4673	0.908	ug/l	85
62) Hexachloroethane	12.473	117	4872	0.921	ug/l	92
63) Ethyl Benzene	9.570	91	28969	0.926	ug/l	98
64) m/p-Xylenes	9.692	106	21926	1.873	ug/l	98
65) o-Xylene	10.097	106	11207	0.932	ug/l	94
66) Styrene	10.113	104	18183	0.946	ug/l	97
67) Bromoform	10.293	173	3222	1.068	ug/l #	90
69) Isopropylbenzene	10.483	105	29531	0.915	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.779	83	6583	1.047	ug/l	95
71) 1,2,3-Trichloropropane	10.820	75	4979m	1.112	ug/l	
72) Bromobenzene	10.782	156	7745	1.077	ug/l	98
73) n-propylbenzene	10.904	120	8782	1.016	ug/l	91
74) 2-Chlorotoluene	10.984	126	7539	1.008	ug/l	95
75) 1,3,5-Trimethylbenzene	11.087	105	23877	0.913	ug/l	95
76) 4-Chlorotoluene	11.097	126	7594	0.977	ug/l	96
77) tert-Butylbenzene	11.415	119	24950	0.918	ug/l	100
78) 1,2,4-Trimethylbenzene	11.467	105	23489	0.878	ug/l	97
79) sec-Butylbenzene	11.643	105	31441	0.890	ug/l	100
80) Nitrobenzene	13.219	77	647	3.918	ug/l #	39
81) p-Isopropyltoluene	11.791	119	24062	0.863	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	14643	0.957	ug/l	96
83) 1,4-Dichlorobenzene	11.833	146	15529	1.018	ug/l	98
84) n-Butylbenzene	12.206	91	19980	0.797	ug/l	97
85) 1,2-Dichlorobenzene	12.213	146	14030	0.956	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	13.004	75	755	0.904	ug/l	90
87) 1,2,4-Trichlorobenzene	13.836	180	8422	0.900	ug/l	98
88) Hexachlorobutadiene	14.016	225	4323	0.866	ug/l	99
89) Naphthalene	14.087	128	14161	0.977	ug/l	96
90) 1,2,3-Trichlorobenzene	14.328	180	7110	0.857	ug/l	95

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VU054884.D
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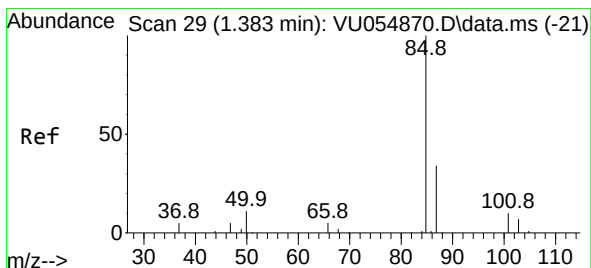
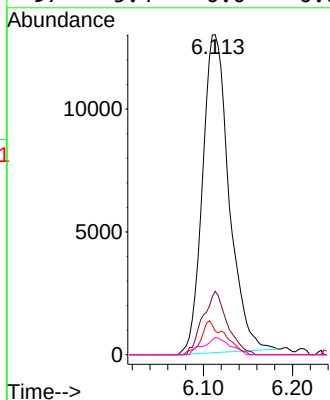
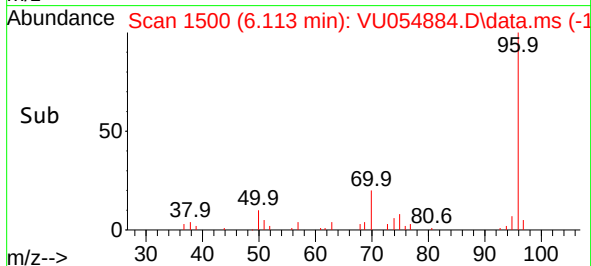
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 96 Resp: 26784
Ion Ratio Lower Upper
96 100
70 18.4 14.0 21.0
95 9.5 8.7 13.1
97 5.4 0.0 0.0#

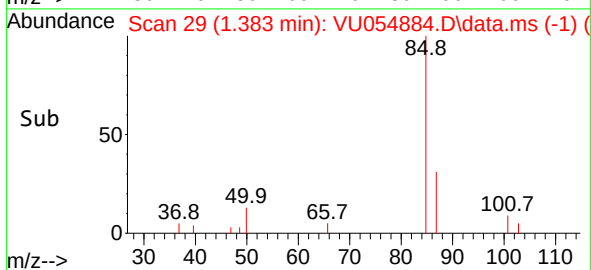
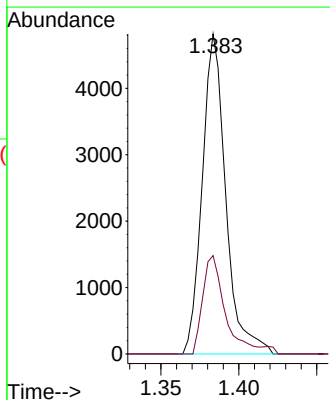
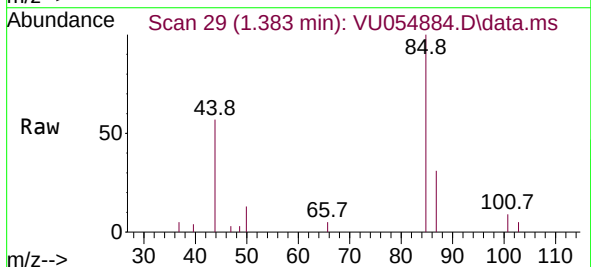
Manual Integrations
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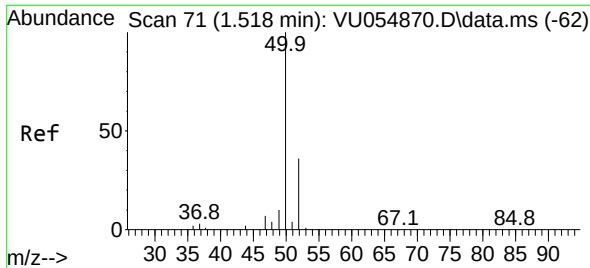
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 0.991 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

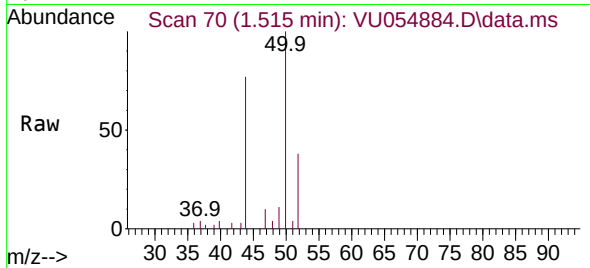
Tgt Ion: 85 Resp: 5053
Ion Ratio Lower Upper
85 100
87 30.8 16.2 48.6





#3
Chloromethane
Concen: 0.936 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

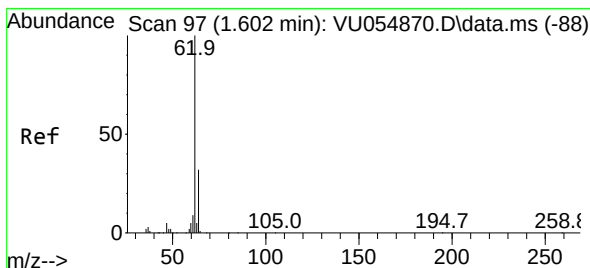
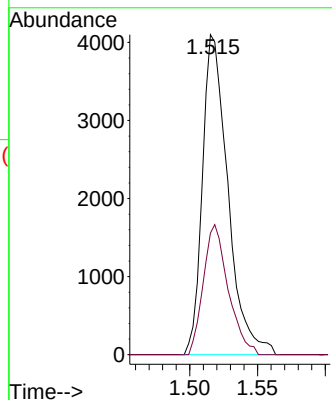
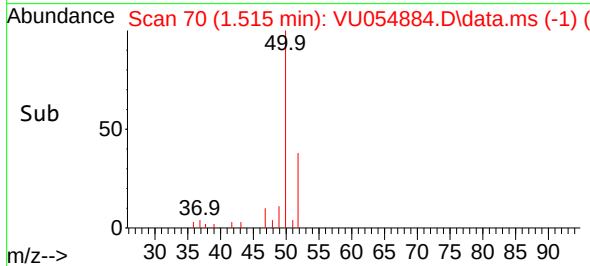
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



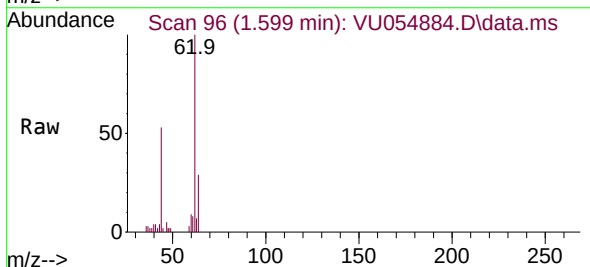
Tgt Ion: 50 Resp: 536
Ion Ratio Lower Upper
50 100
52 38.0 28.2 42.2

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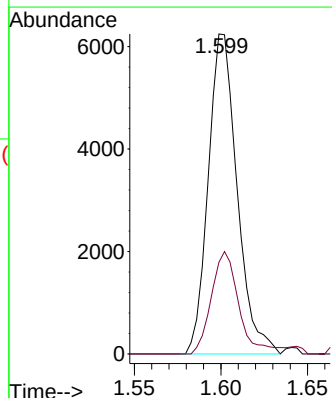
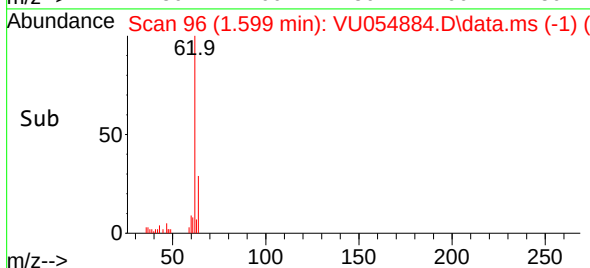
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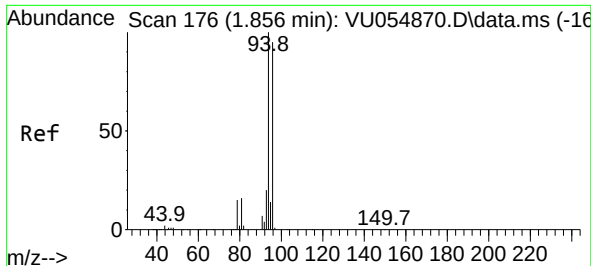


#4
Vinyl Chloride
Concen: 0.947 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32



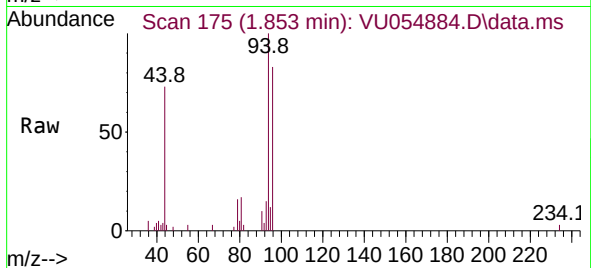
Tgt Ion: 62 Resp: 7249
Ion Ratio Lower Upper
62 100
64 28.7 26.4 39.6





#5
Bromomethane
Concen: 1.006 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

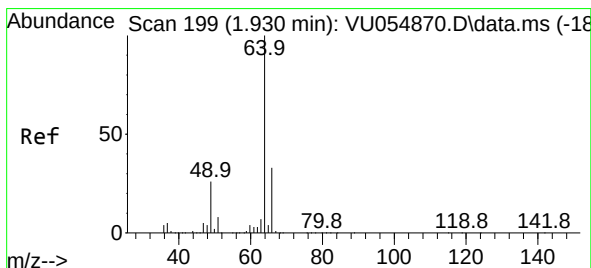
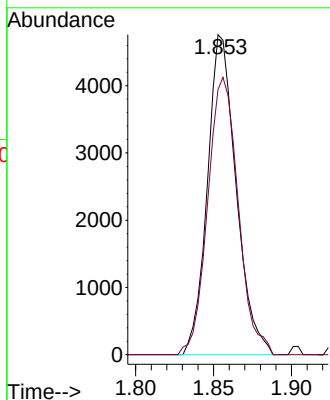
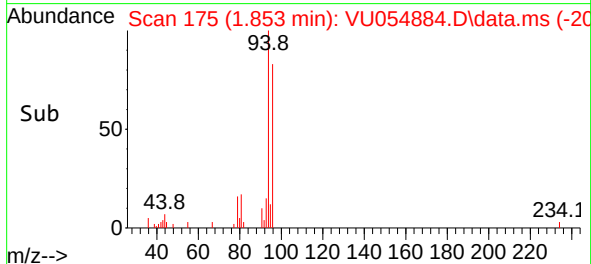
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 94 Resp: 6108
Ion Ratio Lower Upper
94 100
96 74.3 74.6 111.8

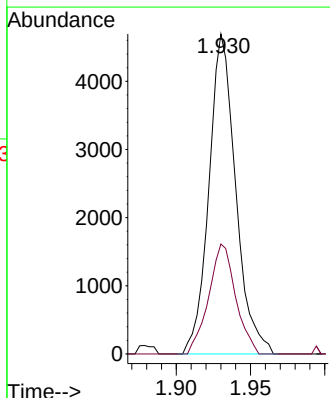
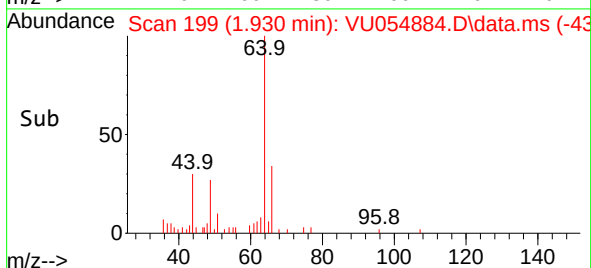
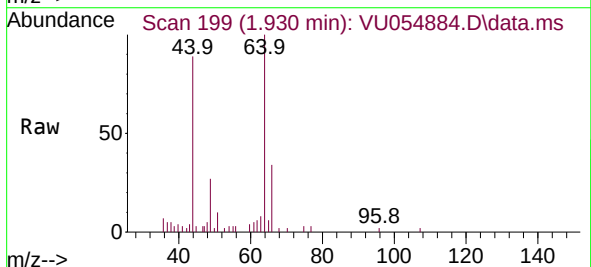
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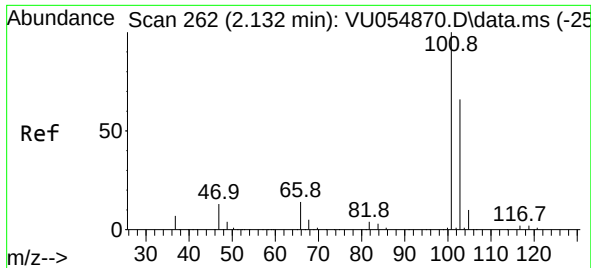
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 0.744 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

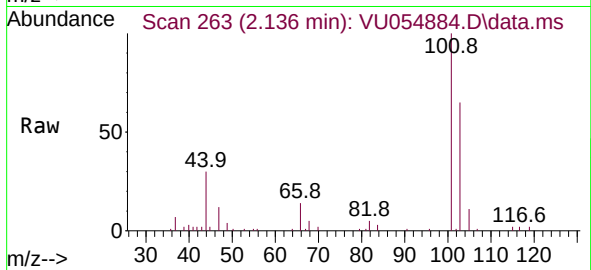
Tgt Ion: 64 Resp: 5883
Ion Ratio Lower Upper
64 100
66 34.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 0.824 ug/l
RT: 2.136 min Scan# 262
Delta R.T. 0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

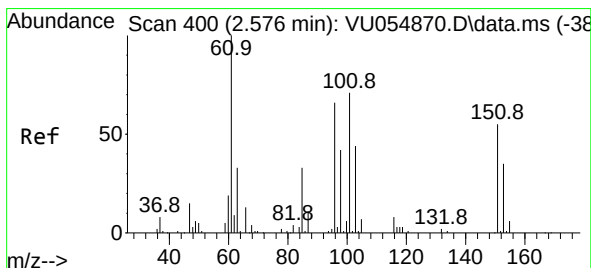
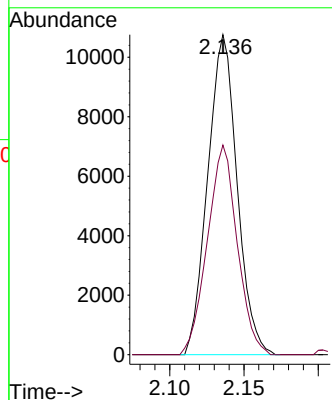
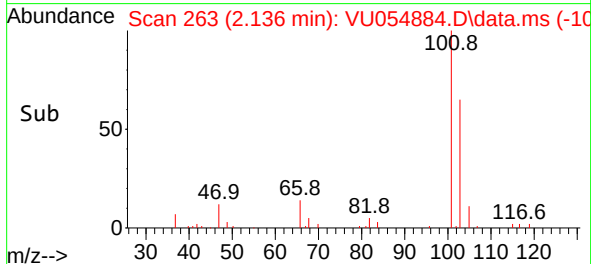
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MSVOA_U
ClientSampleId :
RL-CHECK



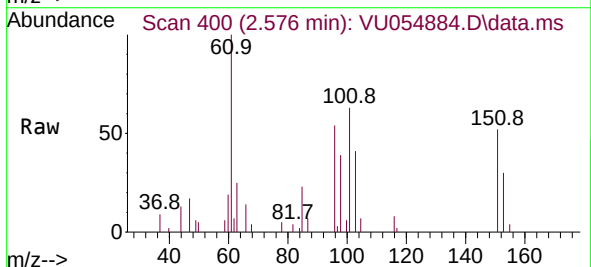
Tgt Ion:101 Resp: 14814
Ion Ratio Lower Upper
101 100
103 65.5 52.9 79.3

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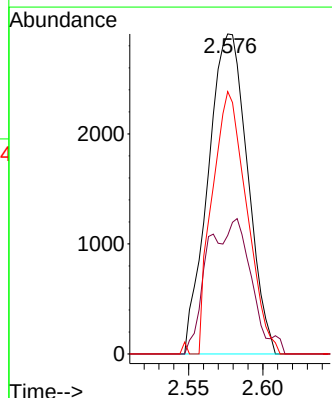
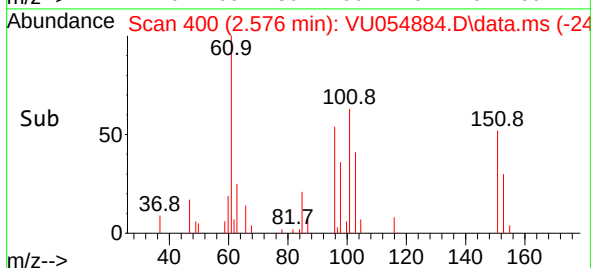
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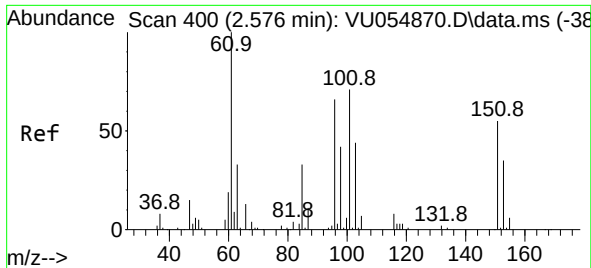


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.924 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32



Tgt Ion:101 Resp: 5380
Ion Ratio Lower Upper
101 100
85 20.3 34.8 52.2#
151 71.7 60.5 90.7





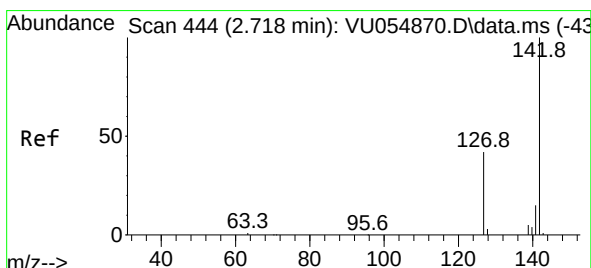
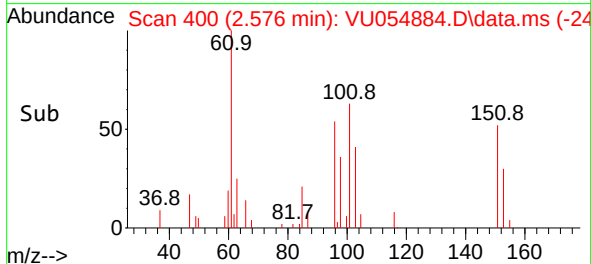
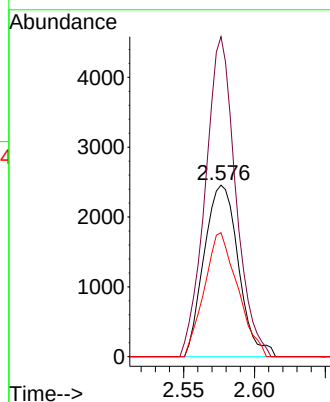
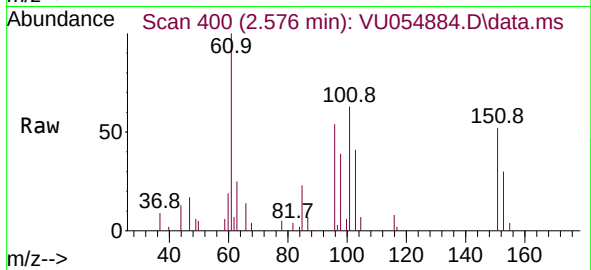
#9
1,1-Dichloroethene
Concen: 0.895 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 96 Resp: 4139
Ion Ratio Lower Upper
96 100
61 177.0 0.0 440.1
98 68.6 0.0 121.8

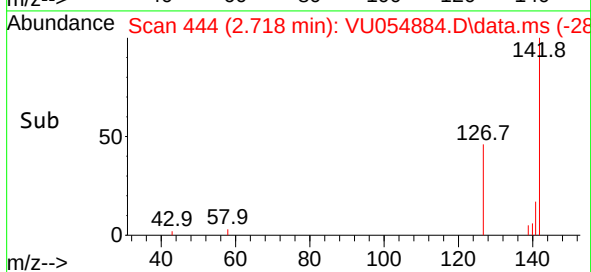
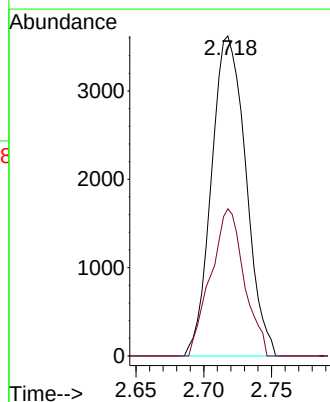
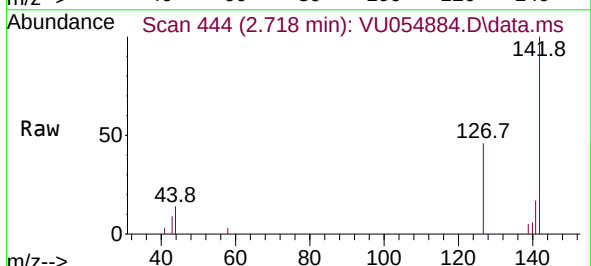
Manual Integrations
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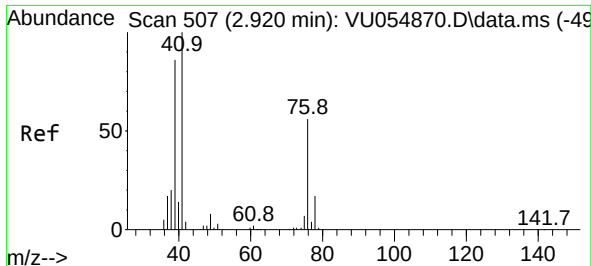
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 0.885 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

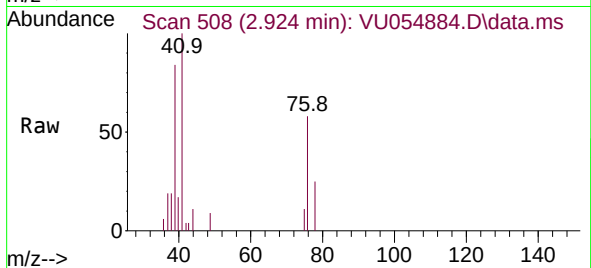
Tgt Ion:142 Resp: 6389
Ion Ratio Lower Upper
142 100
127 44.7 34.3 51.5





#11
 Allyl Chloride
 Concen: 0.873 ug/l
 RT: 2.924 min Scan# 507
 Delta R.T. 0.003 min
 Lab File: VU054884.D
 Acq: 26 Jul 2023 18:32

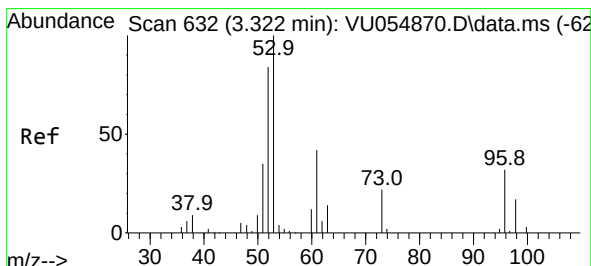
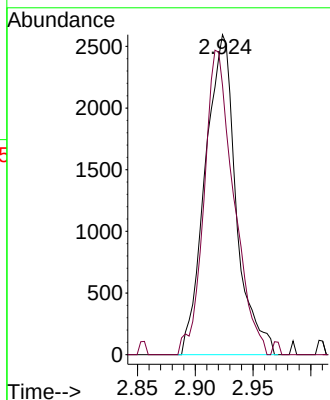
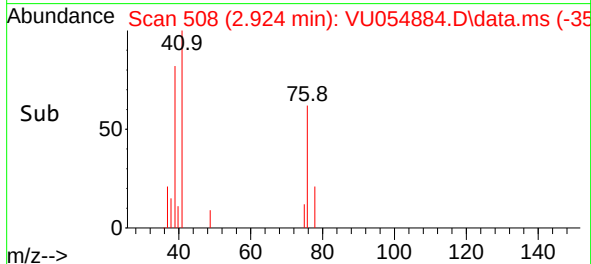
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



Tgt Ion: 41 Resp: 4829
 Ion Ratio Lower Upper
 41 100
 39 91.4 70.2 105.2

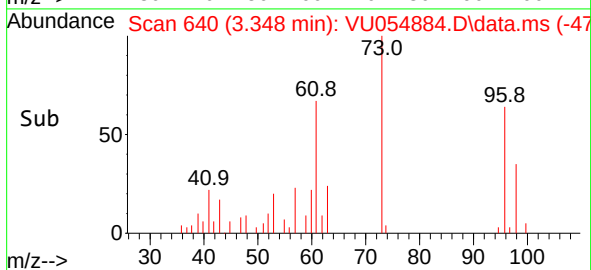
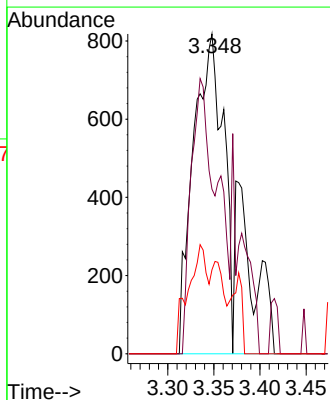
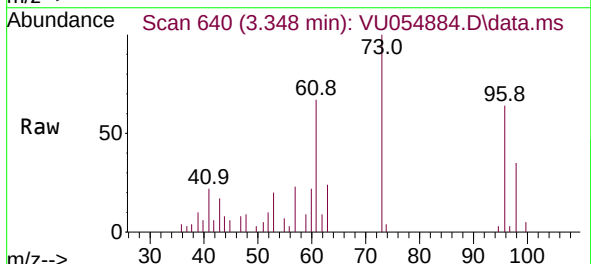
Manual Integrations
 APPROVED

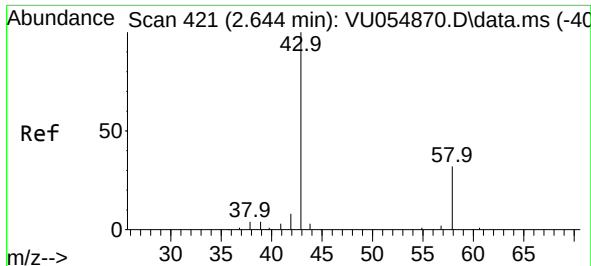
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#12
 Acrylonitrile
 Concen: 2.120 ug/l m
 RT: 3.348 min Scan# 640
 Delta R.T. 0.026 min
 Lab File: VU054884.D
 Acq: 26 Jul 2023 18:32

Tgt Ion: 53 Resp: 2460
 Ion Ratio Lower Upper
 53 100
 52 0.0 64.2 96.4#
 51 9.1 33.6 50.4#





#13

Acetone

Concen: 5.022 ug/l m

RT: 2.647 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 43 Resp: 609

Ion Ratio Lower Upper

43 100

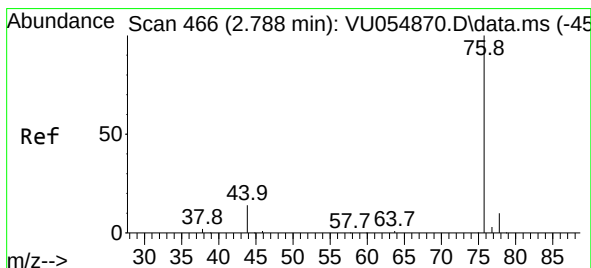
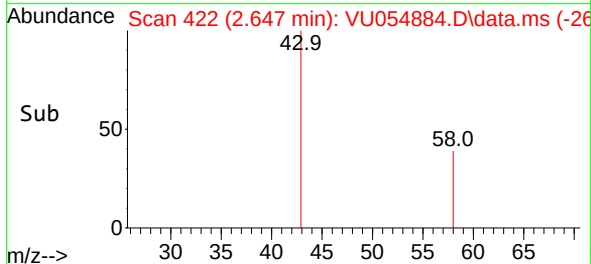
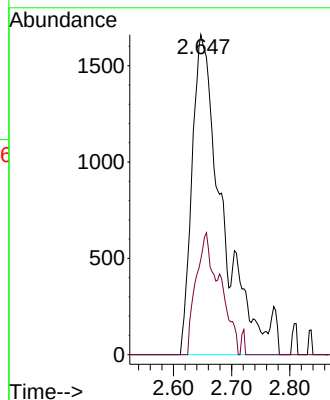
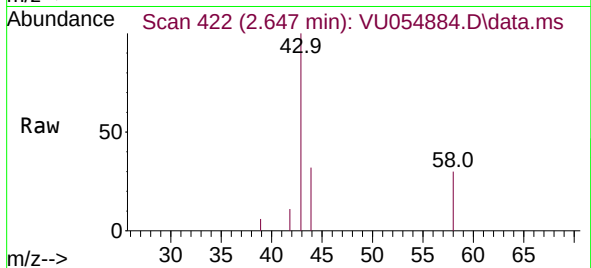
58 29.9 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#14

Carbon Disulfide

Concen: 0.934 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054884.D

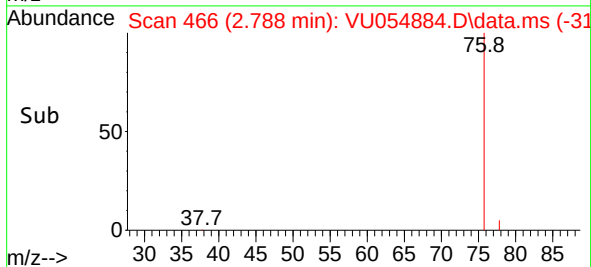
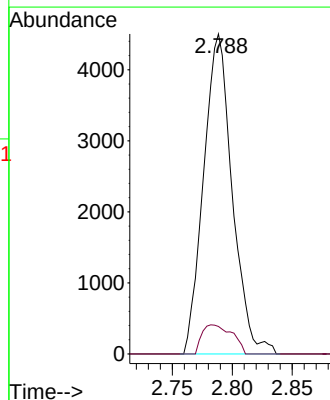
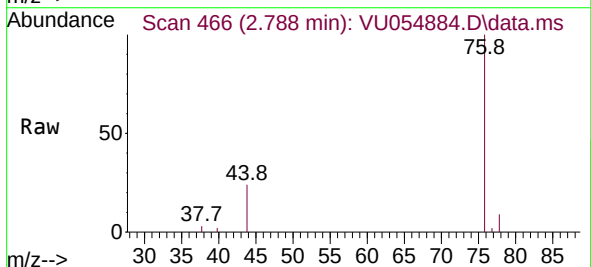
Acq: 26 Jul 2023 18:32

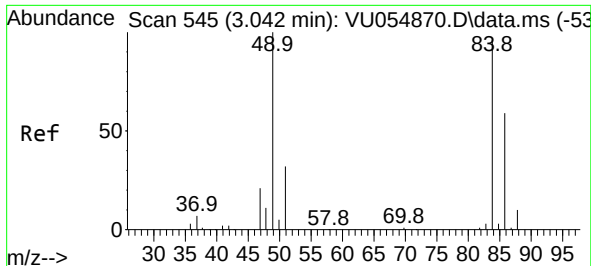
Tgt Ion: 76 Resp: 7482

Ion Ratio Lower Upper

76 100

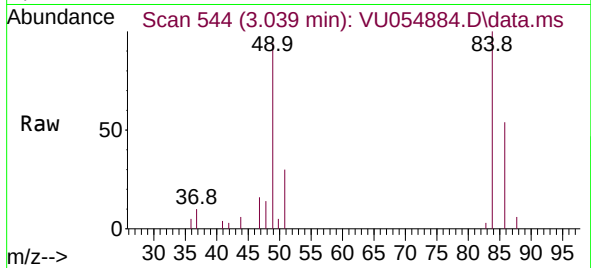
78 8.6 7.1 10.7





#15
Methylene Chloride
Concen: 1.222 ug/l
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

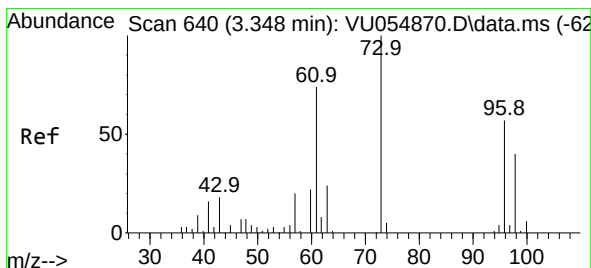
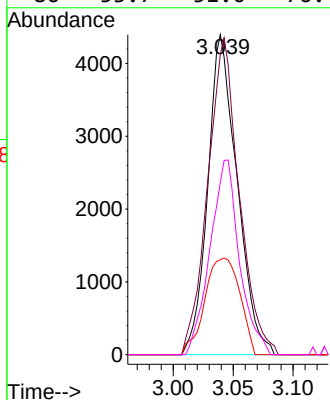
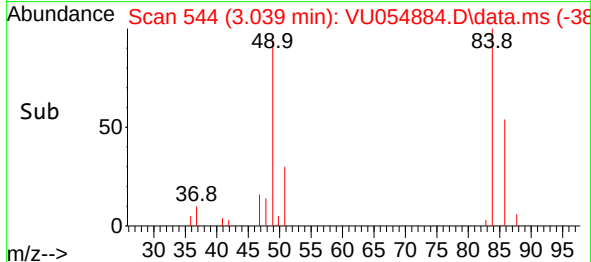
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 84 Resp: 7479
Ion Ratio Lower Upper
84 100
49 93.8 87.8 131.6
51 29.7 0.0 68.2
86 53.7 51.0 76.4

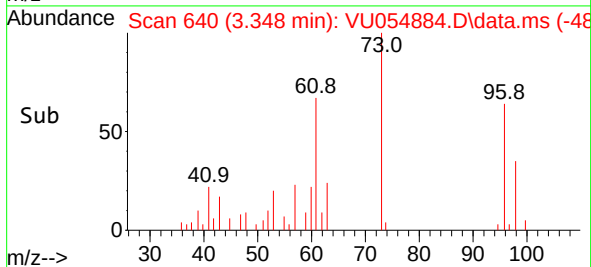
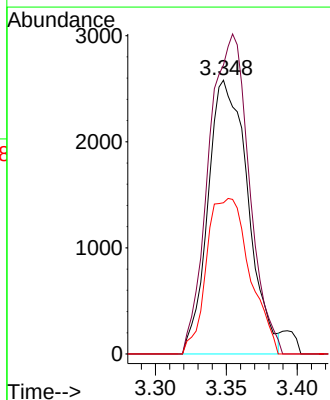
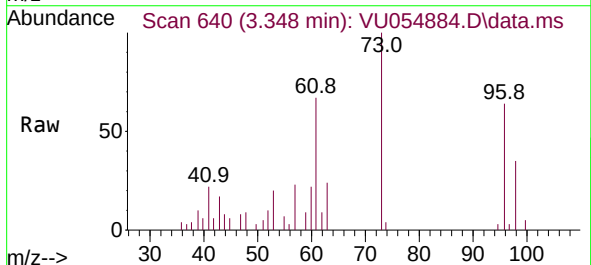
Manual Integrations
APPROVED

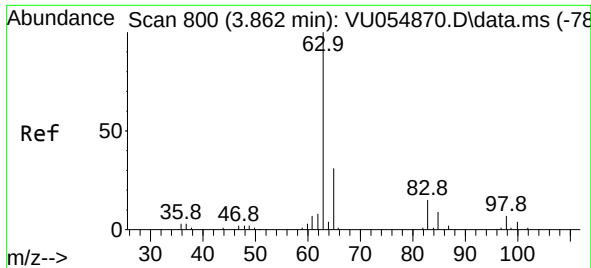
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 1.005 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Tgt Ion: 96 Resp: 5061
Ion Ratio Lower Upper
96 100
61 100.4 96.4 144.6
98 52.5 49.3 73.9





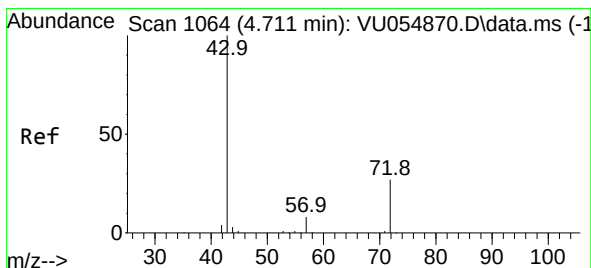
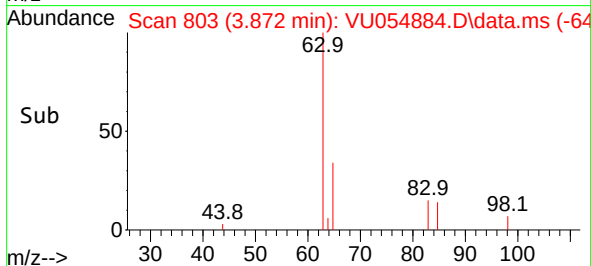
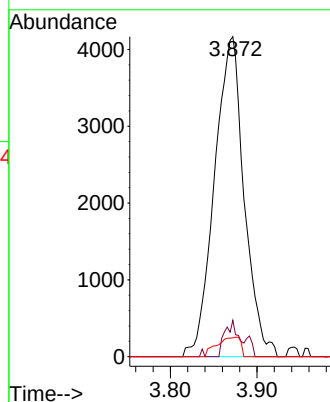
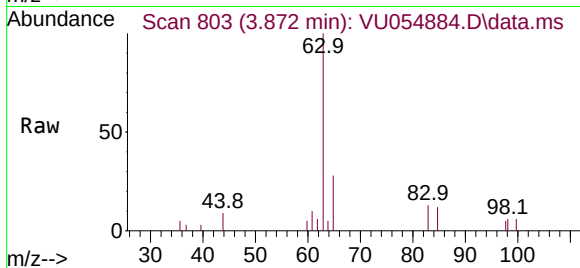
#17
1,1-Dichloroethane
Concen: 0.882 ug/l
RT: 3.872 min Scan# 80
Delta R.T. 0.010 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Instrument :
MSVOA_U
Client Sample Id :
RL-CHECK

Tgt Ion: 63 Resp: 992
Ion Ratio Lower Upper
63 100
98 11.3 3.6 10.8
100 5.9 2.8 8.4

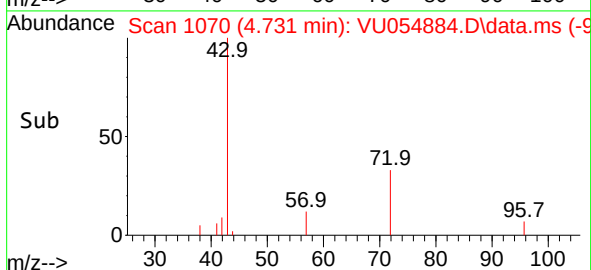
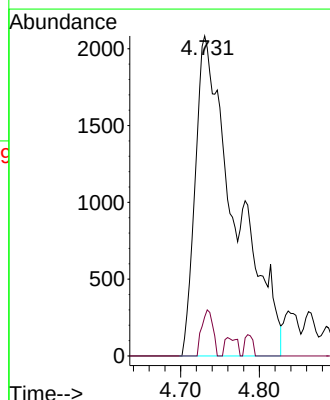
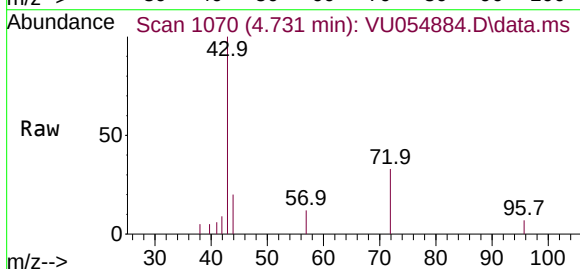
Manual Integrations
APPROVED

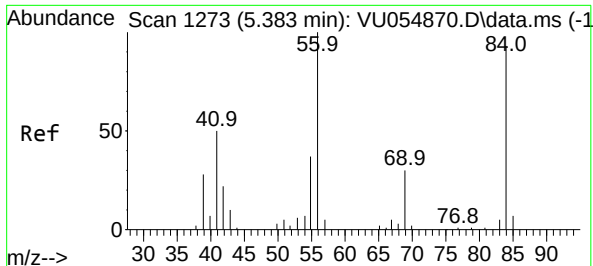
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
2-Butanone
Concen: 4.753 ug/l m
RT: 4.731 min Scan# 1070
Delta R.T. 0.019 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Tgt Ion: 43 Resp: 7272
Ion Ratio Lower Upper
43 100
57 12.2 0.0 20.8





#19

Cyclohexane

Concen: 0.986 ug/l m

RT: 5.383 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

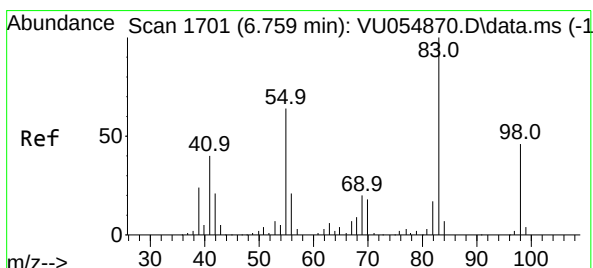
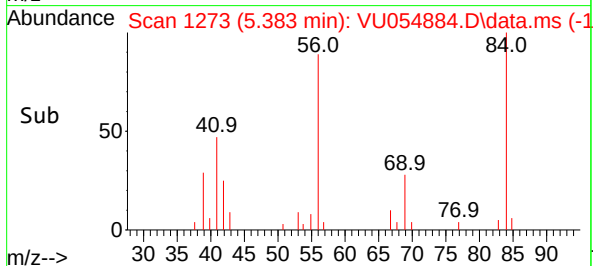
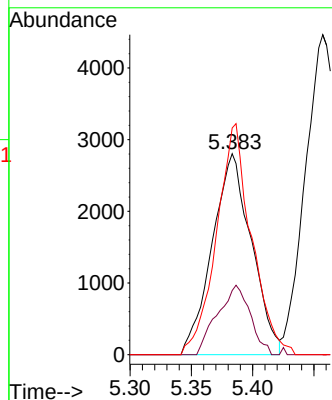
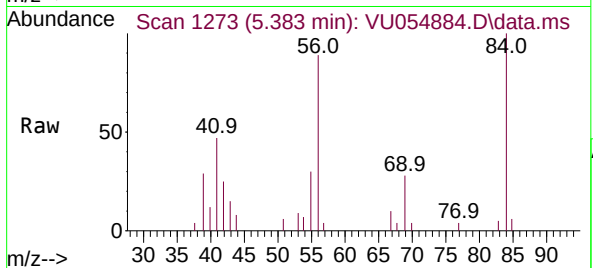
RL-CHECK

Tgt Ion:	56	Resp:	624
Ion	Ratio	Lower	Upper
56	100		
69	28.8	24.7	37.1
84	102.3	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20

Methylcyclohexane

Concen: 0.980 ug/l

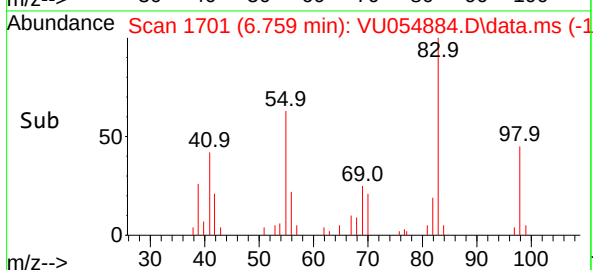
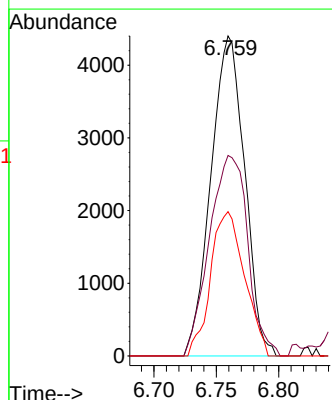
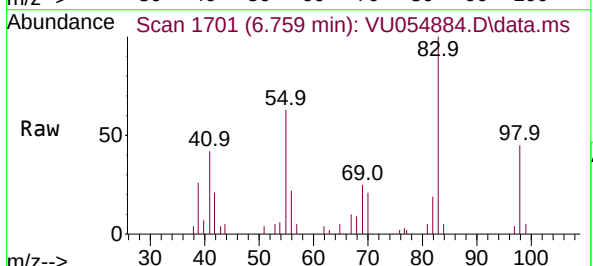
RT: 6.759 min Scan# 1701

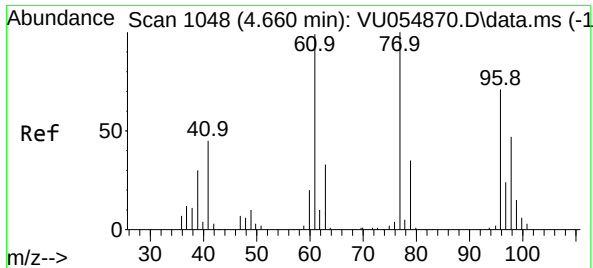
Delta R.T. 0.000 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Tgt Ion:	83	Resp:	8304
Ion	Ratio	Lower	Upper
83	100		
55	71.1	51.6	77.4
98	45.3	38.2	57.2





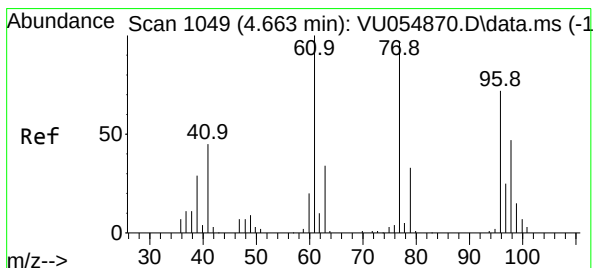
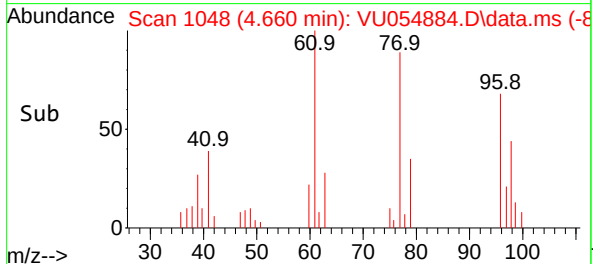
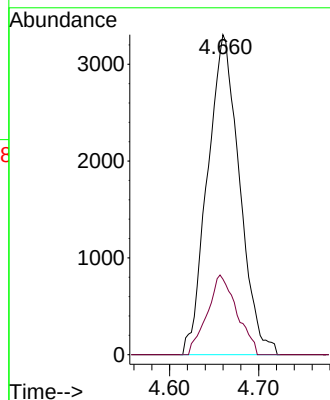
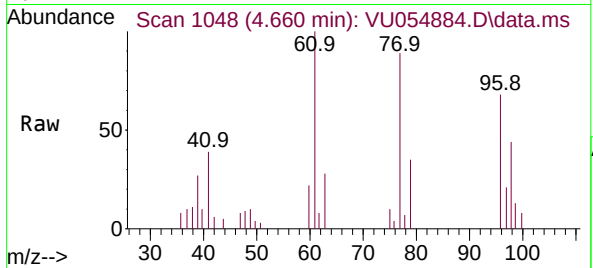
#21
2,2-Dichloropropane
Concen: 0.790 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 77 Resp: 8240
Ion Ratio Lower Upper
77 100
97 23.0 18.0 27.0

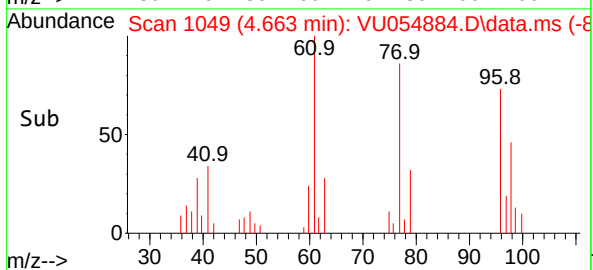
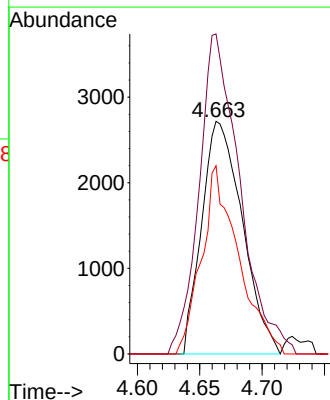
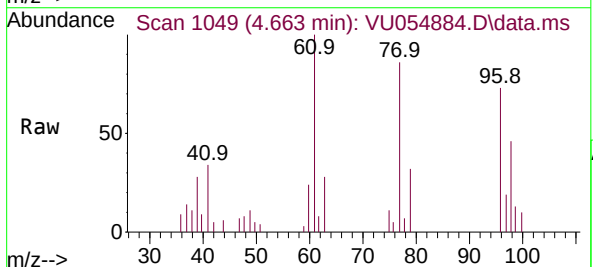
Manual Integrations
APPROVED

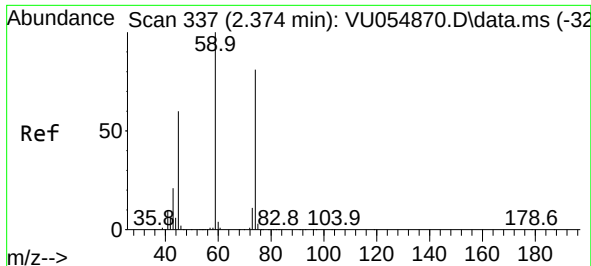
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
cis-1,2-Dichloroethene
Concen: 0.920 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

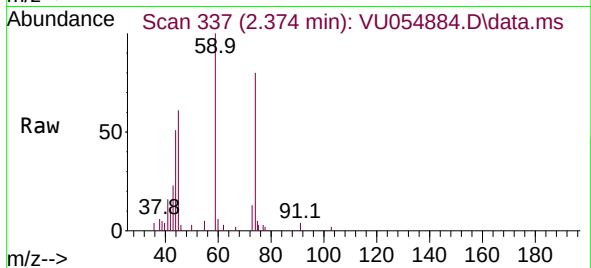
Tgt Ion: 96 Resp: 6155
Ion Ratio Lower Upper
96 100
61 138.1 0.0 332.0
98 73.5 32.5 97.5





#23
Diethyl Ether
Concen: 1.077 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

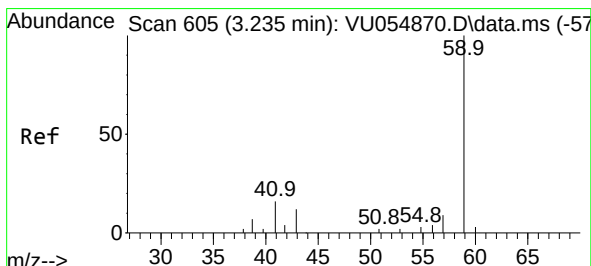
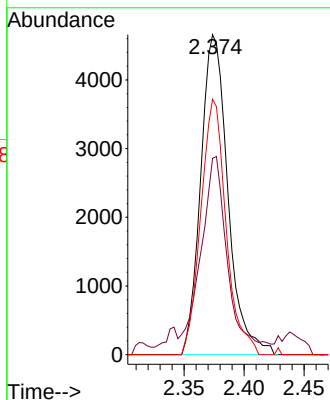
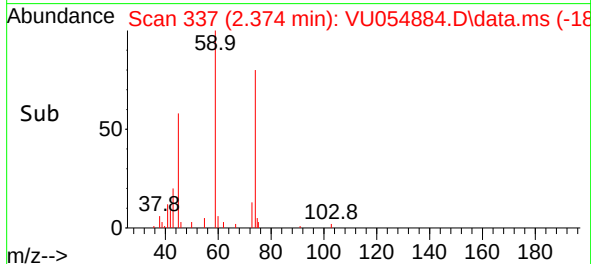
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 59 Resp: 7345
Ion Ratio Lower Upper
59 100
45 59.7 51.4 77.0
74 74.2 63.1 94.7

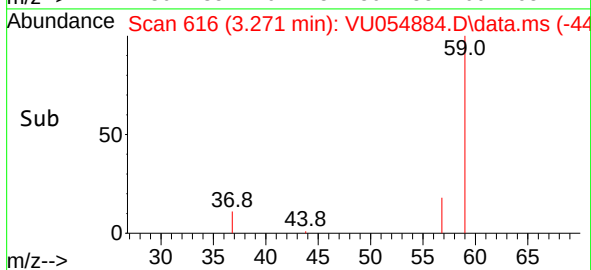
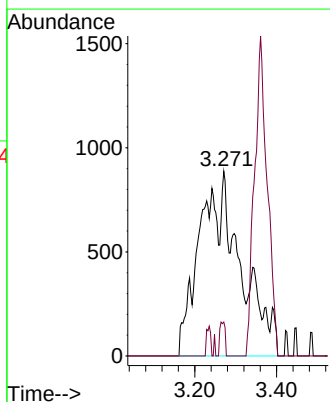
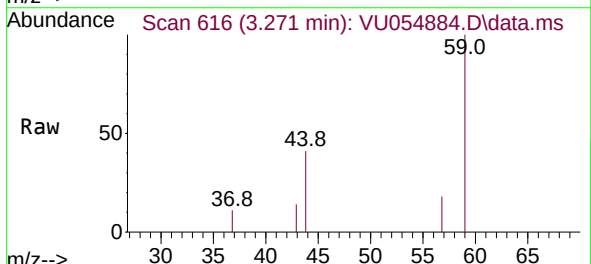
Manual Integrations
APPROVED

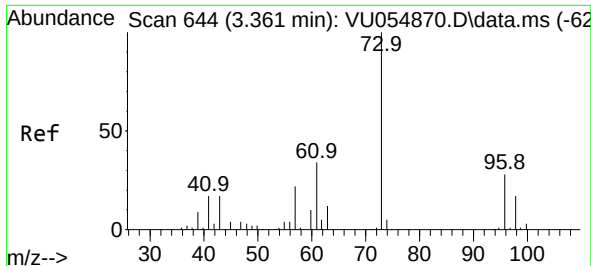
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 9.739 ug/l m
RT: 3.271 min Scan# 616
Delta R.T. 0.036 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

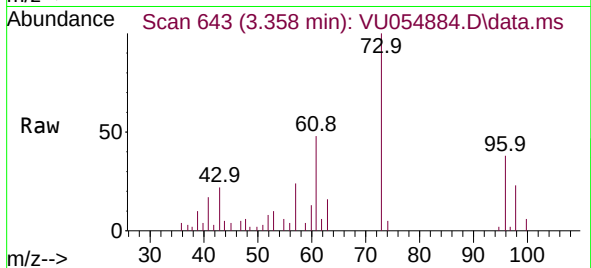
Tgt Ion: 59 Resp: 6181
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#





#25
Methyl tert-Butyl Ether
Concen: 1.022 ug/l
RT: 3.358 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

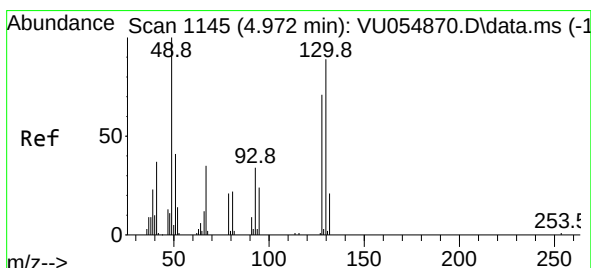
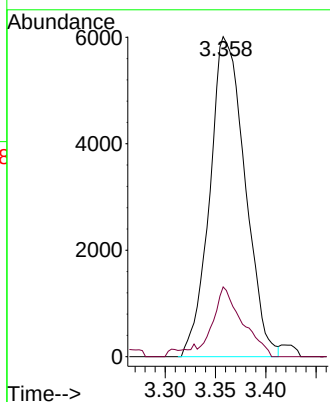
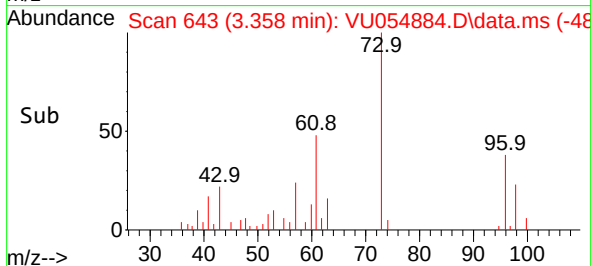
Instrument :
MSVOA_U
Client Sample Id :
RL-CHECK



Tgt Ion: 73 Resp: 1462
Ion Ratio Lower Upper
73 100
43 18.0 14.6 22.0

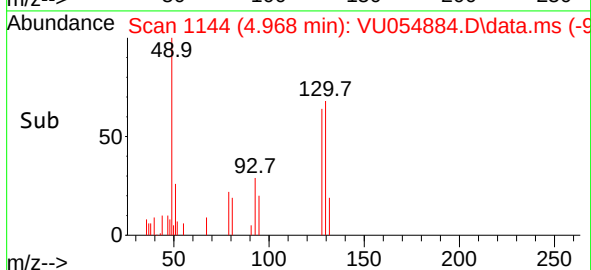
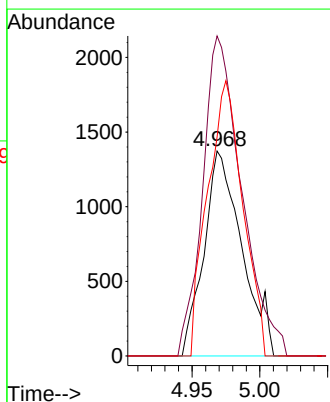
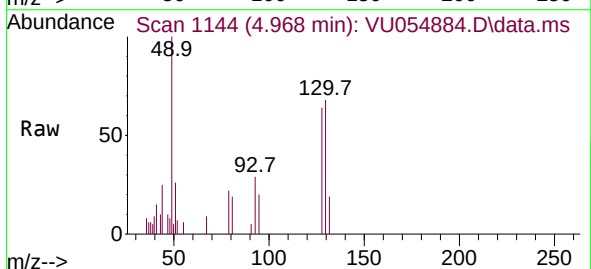
Manual Integrations
APPROVED

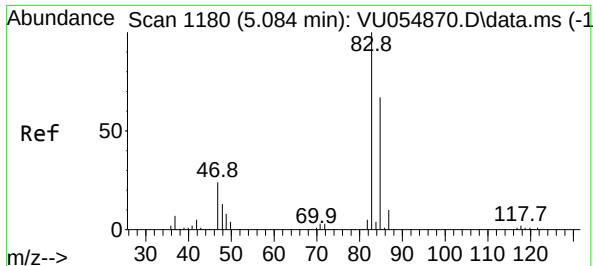
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 0.973 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Tgt Ion:128 Resp: 2670
Ion Ratio Lower Upper
128 100
49 160.7 0.0 304.0
130 125.0 104.3 156.5





#27

Chloroform

Concen: 0.997 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 83 Resp: 12060

Ion Ratio Lower Upper

83 100

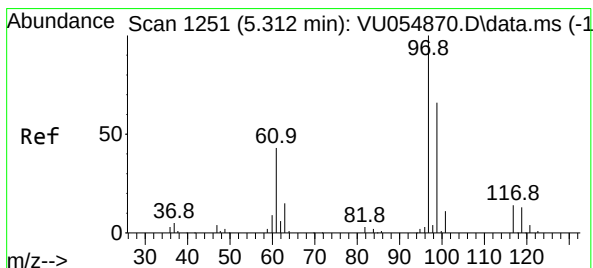
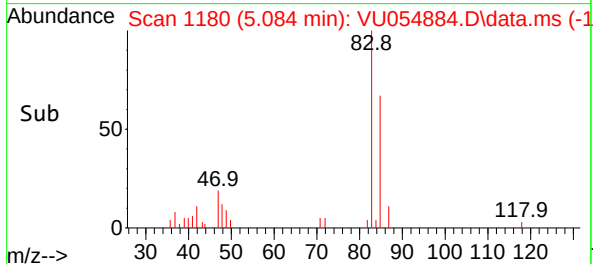
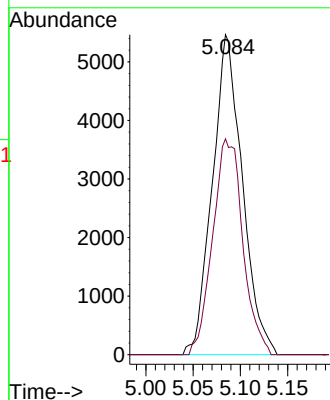
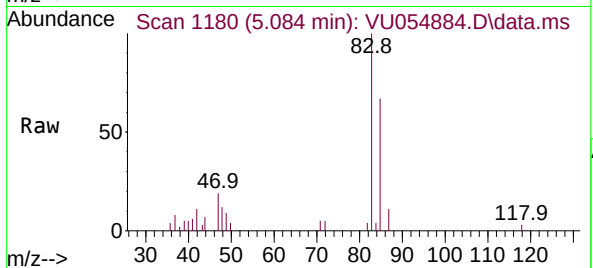
85 67.5 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

1,1,1-Trichloroethane

Concen: 0.963 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. -0.006 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

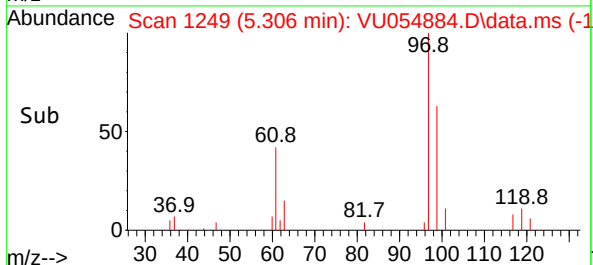
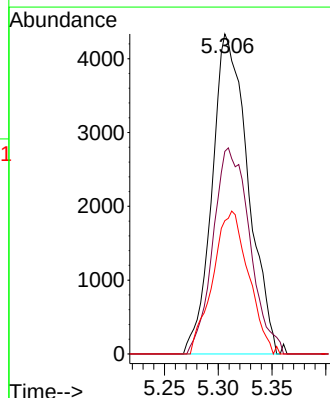
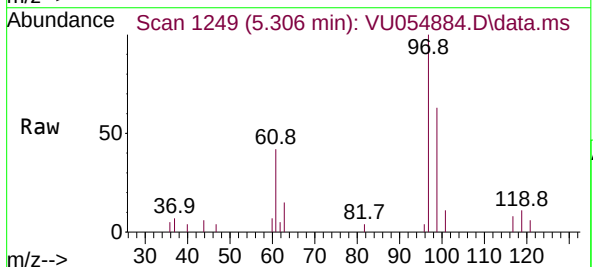
Tgt Ion: 97 Resp: 10052

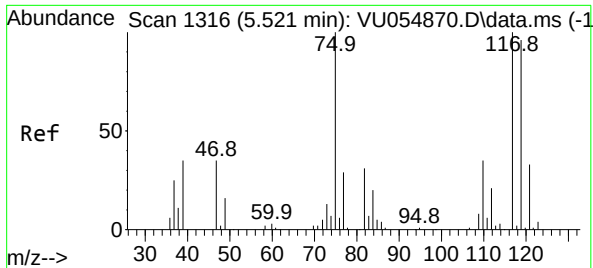
Ion Ratio Lower Upper

97 100

99 66.0 32.0 96.2

61 44.4 21.0 63.0





#29

1,1-Dichloropropene

Concen: 0.940 ug/l

RT: 5.525 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

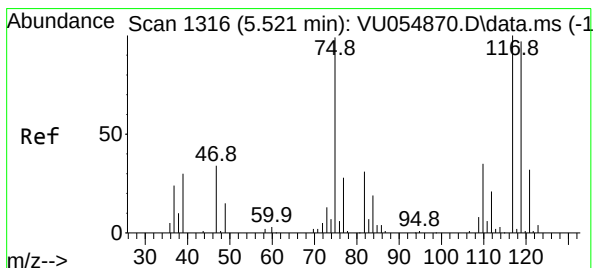
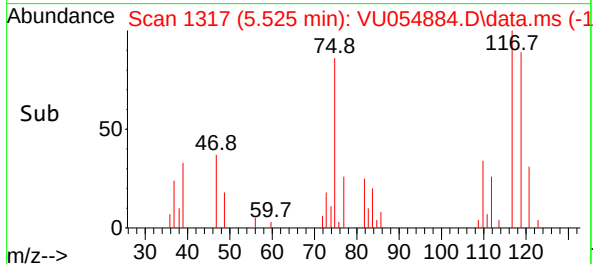
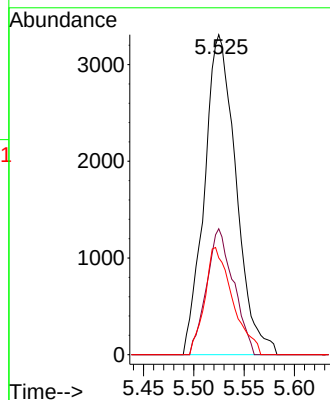
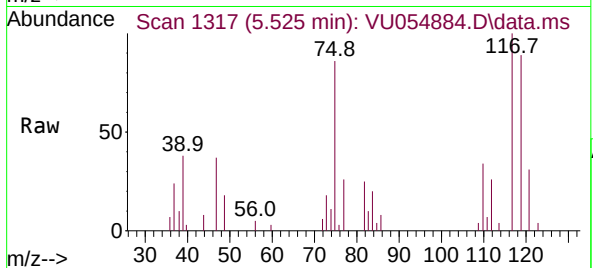
Tgt Ion: 75 Resp: 7244

Ion	Ratio	Lower	Upper
75	100		
110	33.5	18.5	55.5
77	29.5	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#30

Carbon Tetrachloride

Concen: 0.961 ug/l

RT: 5.521 min Scan# 1316

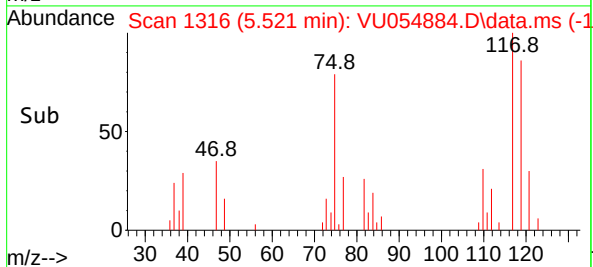
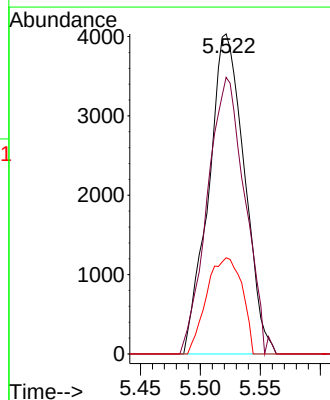
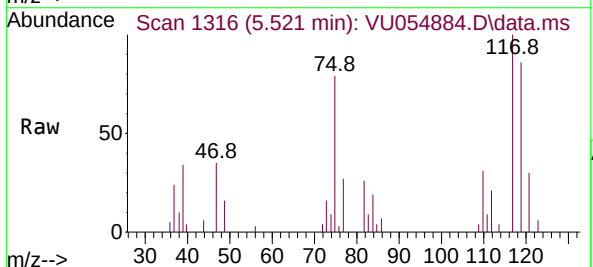
Delta R.T. 0.000 min

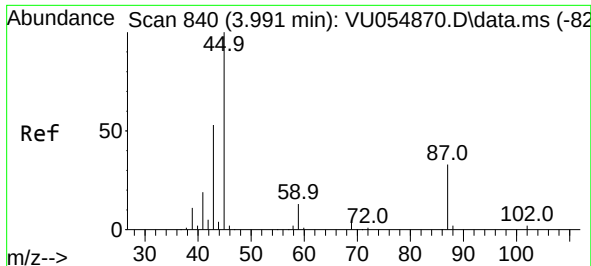
Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Tgt Ion:117 Resp: 8373

Ion	Ratio	Lower	Upper
117	100		
119	86.4	75.6	113.4
121	30.1	23.4	35.0





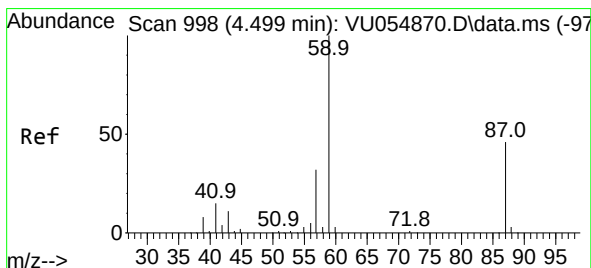
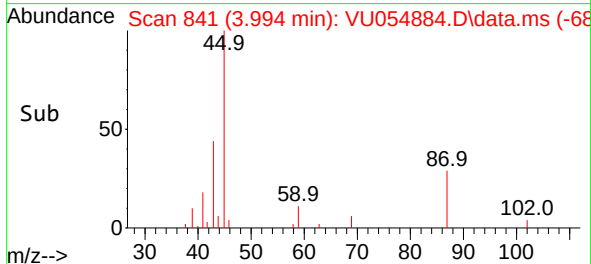
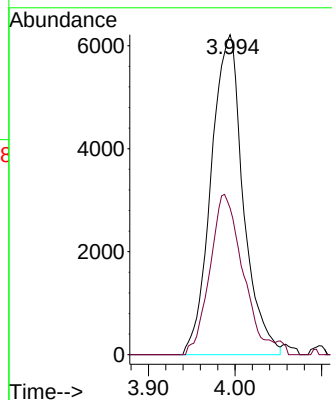
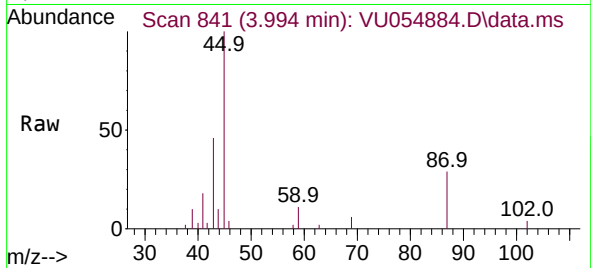
#31
Isopropyl Ether
Concen: 0.964 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 45 Resp: 16018
Ion Ratio Lower Upper
45 100
43 51.4 26.4 79.2

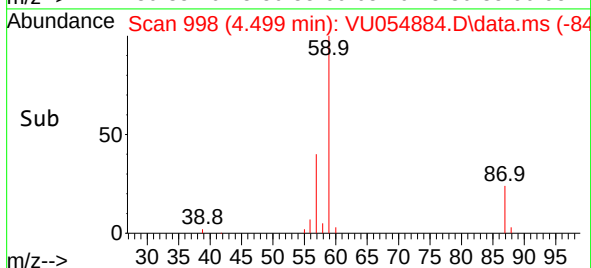
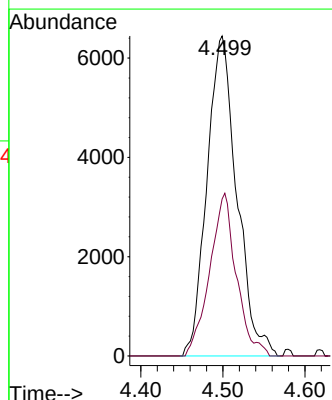
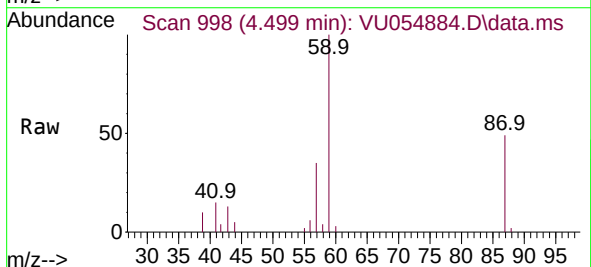
Manual Integrations
APPROVED

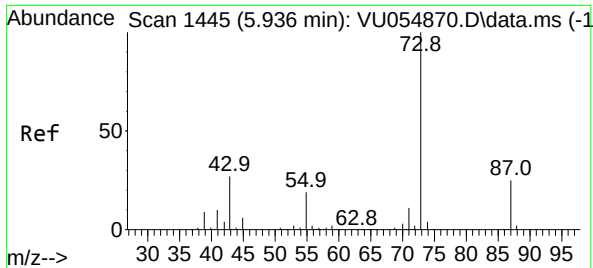
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
Ethyl-t-butyl ether
Concen: 0.953 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Tgt Ion: 59 Resp: 16314
Ion Ratio Lower Upper
59 100
87 45.4 35.7 53.5





#33
Tert-Amyl methyl ether
Concen: 0.988 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

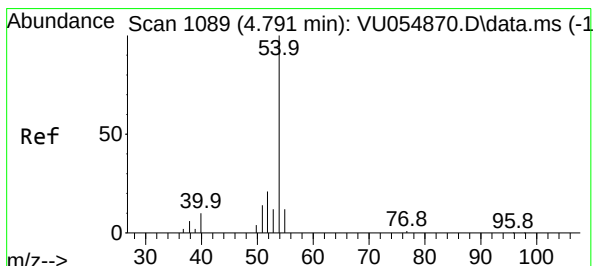
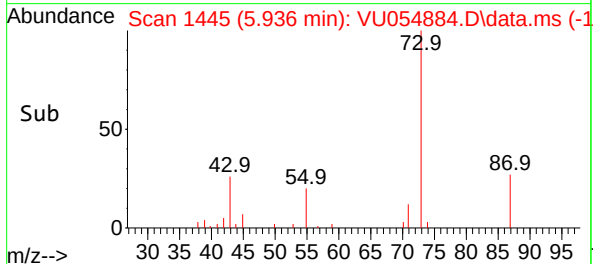
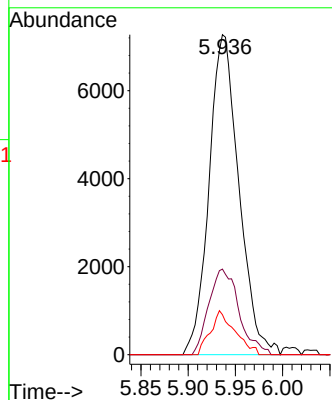
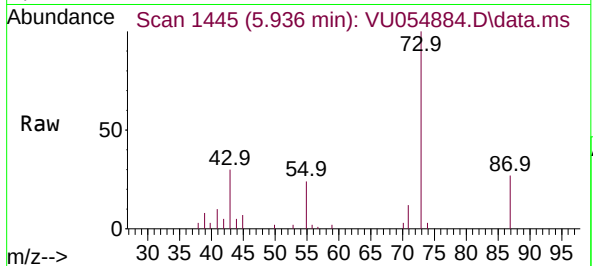
RL-CHECK

Tgt Ion: 73 Resp: 15989
Ion Ratio Lower Upper
73 100
87 27.0 19.6 29.4
71 11.3 9.1 13.7

Manual Integrations

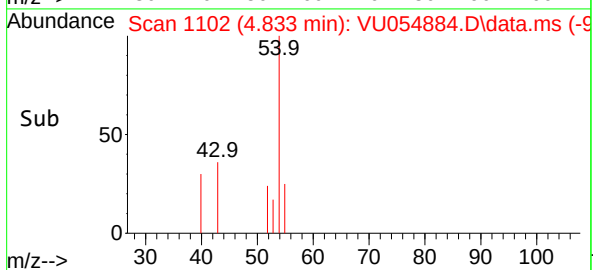
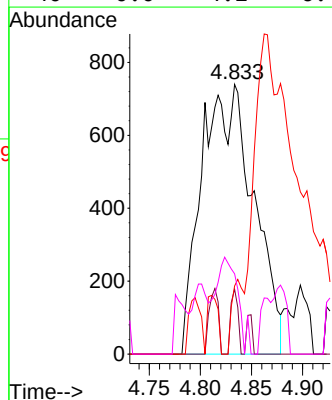
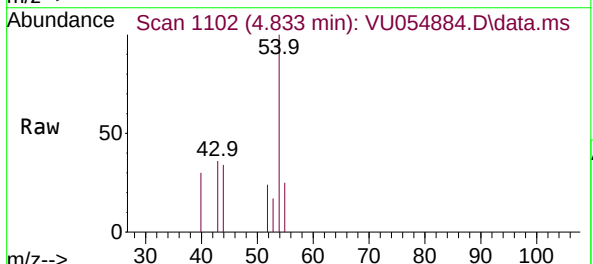
APPROVED

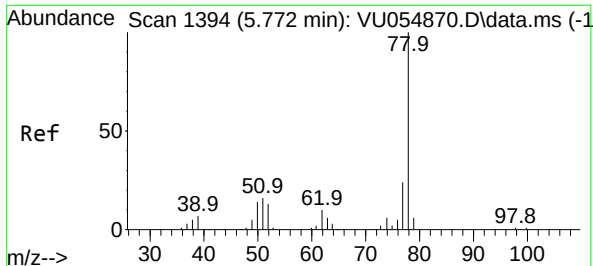
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#34
Propionitrile
Concen: 6.189 ug/l m
RT: 4.833 min Scan# 1102
Delta R.T. 0.042 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Tgt Ion: 54 Resp: 2611
Ion Ratio Lower Upper
54 100
52 4.3 13.8 20.8#
55 4.4 4.8 7.2#
40 0.0 4.2 6.4#





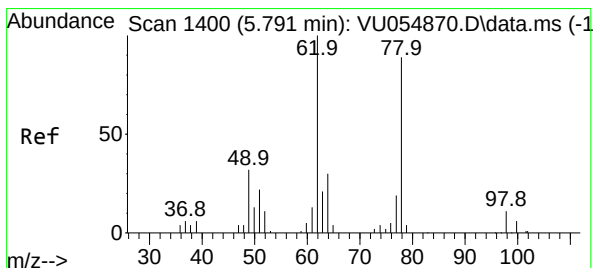
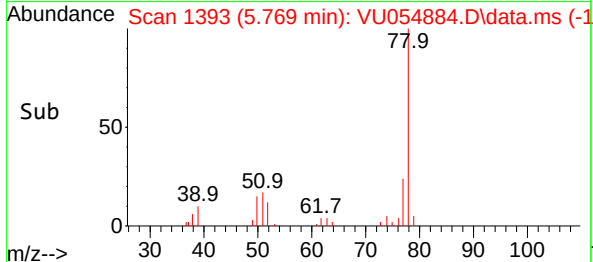
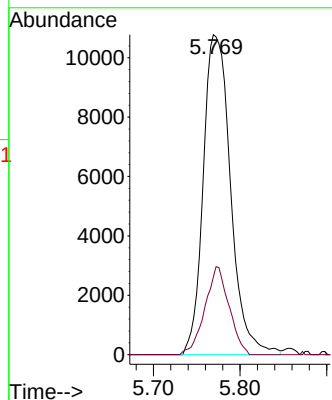
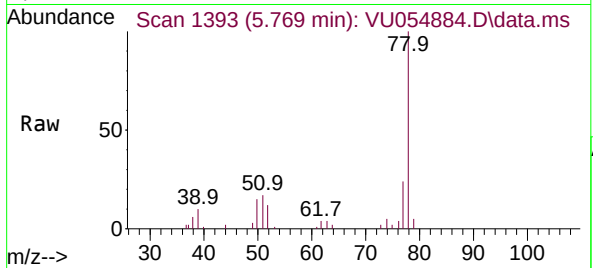
#35
Benzene
Concen: 0.981 ug/l
RT: 5.769 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 78 Resp: 2366
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2

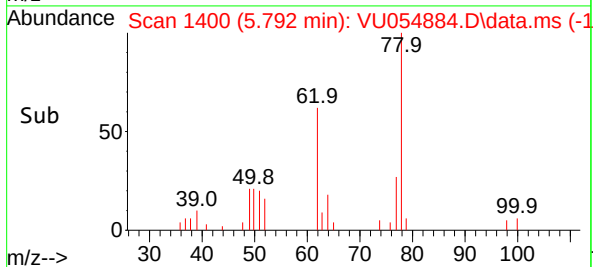
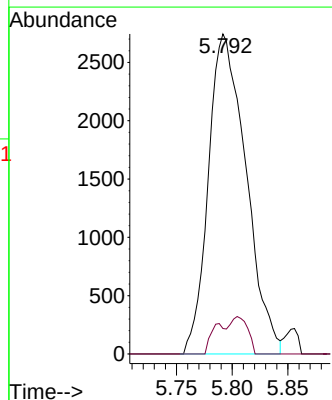
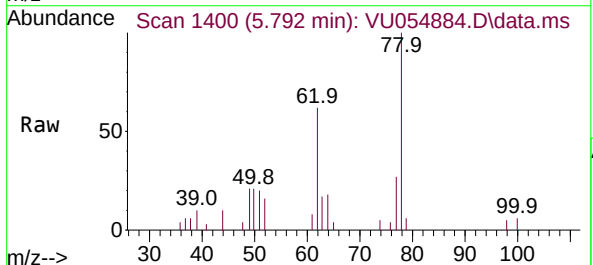
Manual Integrations
APPROVED

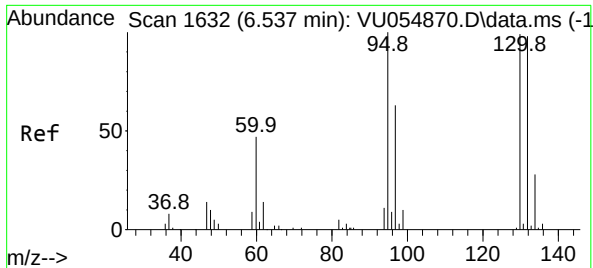
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 0.938 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

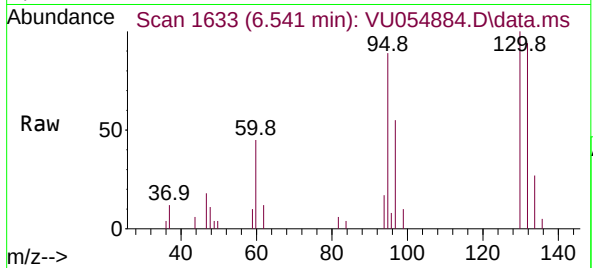
Tgt Ion: 62 Resp: 6437
Ion Ratio Lower Upper
62 100
98 3.8 7.8 11.8#





#37
Trichloroethene
Concen: 0.990 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

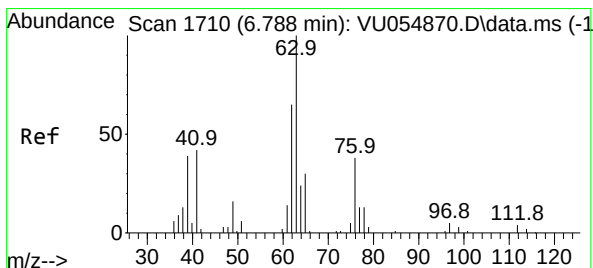
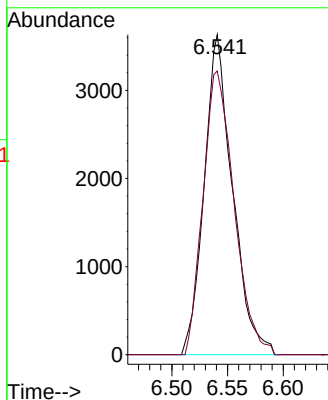
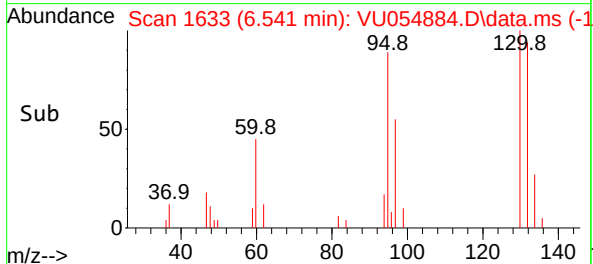
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



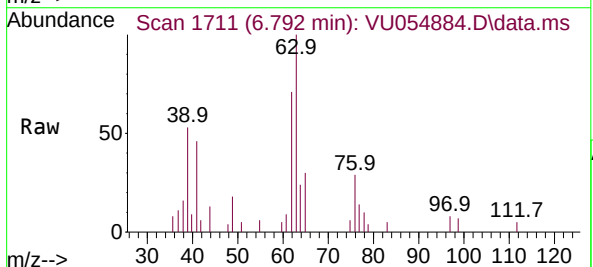
Tgt Ion:130 Resp: 642
Ion Ratio Lower Upper
130 100
95 88.6 76.8 115.2

Manual Integrations
APPROVED

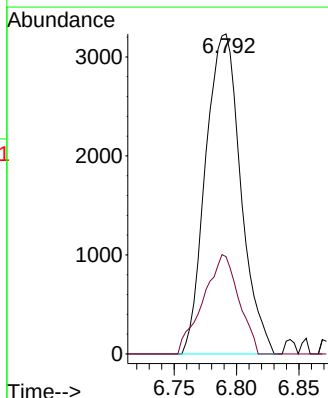
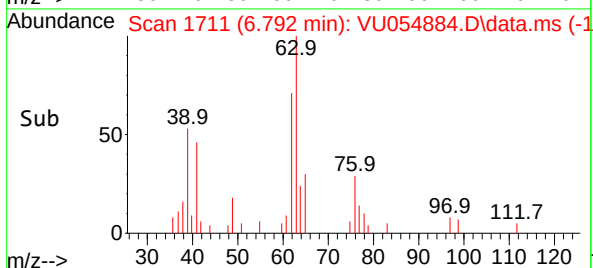
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

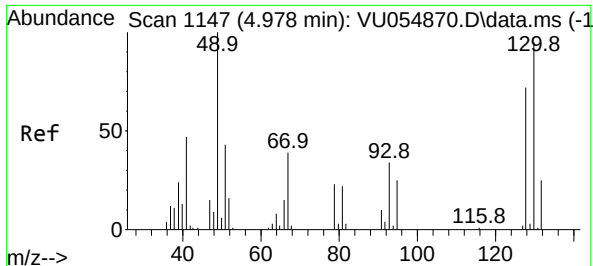


#38
1,2-Dichloropropane
Concen: 0.930 ug/l
RT: 6.792 min Scan# 1711
Delta R.T. 0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32



Tgt Ion: 63 Resp: 6345
Ion Ratio Lower Upper
63 100
65 30.4 24.3 36.5





#39

Methacrylonitrile

Concen: 0.963 ug/l

RT: 4.991 min Scan# 1151

Delta R.T. 0.013 min

Lab File: VU054884.D

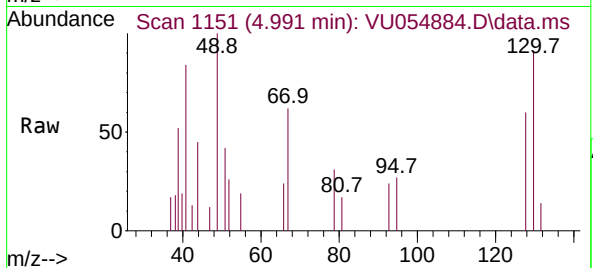
Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

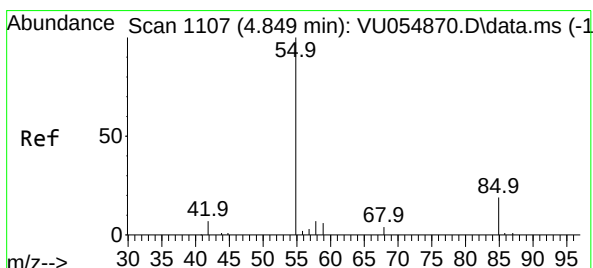
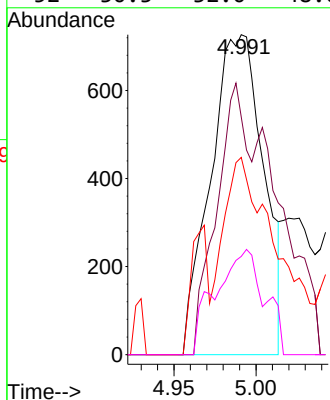
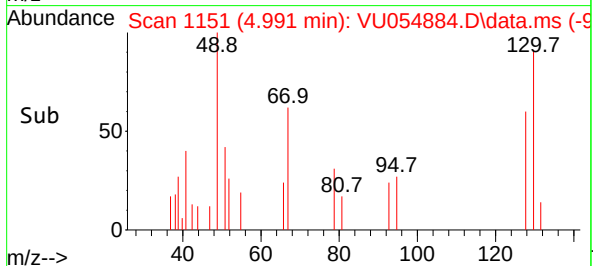


Tgt Ion: 41	Resp: 1629
Ion Ratio	Lower Upper
41 100	
67 51.9	77.0 115.4#
39 63.3	50.4 75.6#
52 30.3	32.0 48.0#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#40

Methyl acrylate

Concen: 1.157 ug/l m

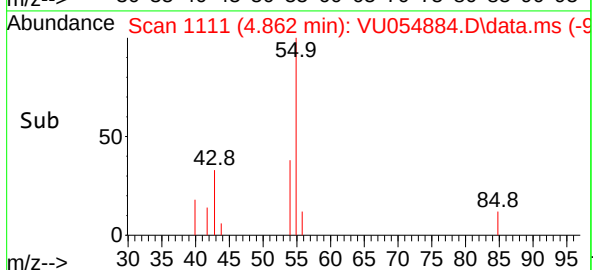
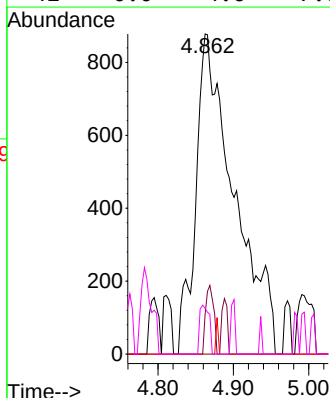
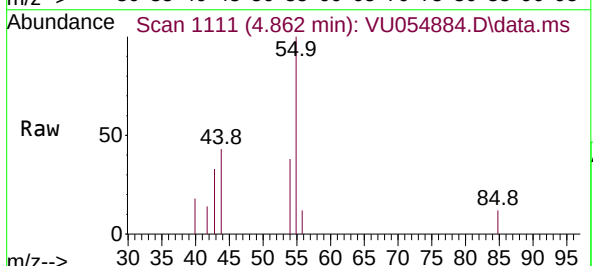
RT: 4.862 min Scan# 1111

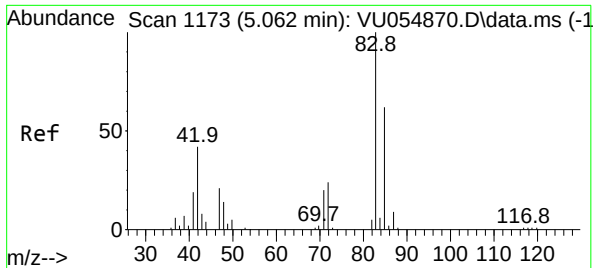
Delta R.T. 0.013 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Tgt Ion: 55	Resp: 3110
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: 2.323 ug/l m

RT: 5.065 min Scan# 1173

Delta R.T. 0.003 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 42 Resp: 2240

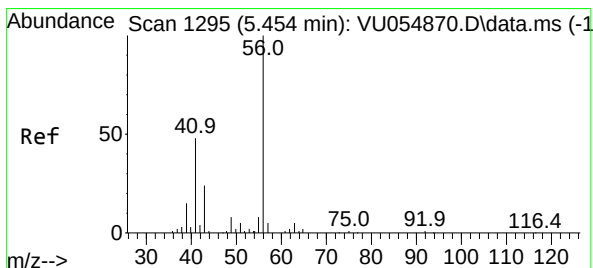
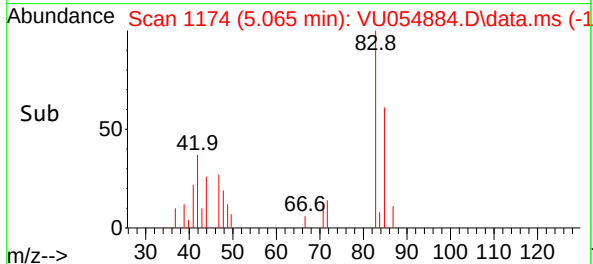
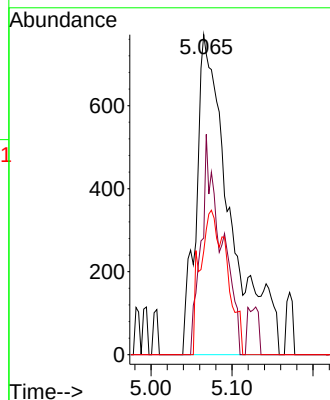
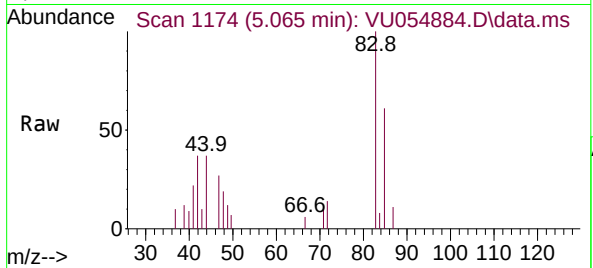
Ion	Ratio	Lower	Upper
42	100		
72	28.7	42.1	63.1
71	23.7	39.7	59.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#42

1-Chlorobutane

Concen: 0.905 ug/l

RT: 5.457 min Scan# 1296

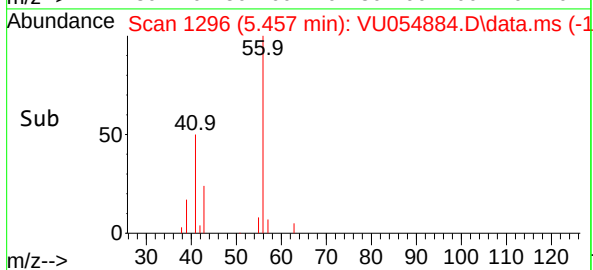
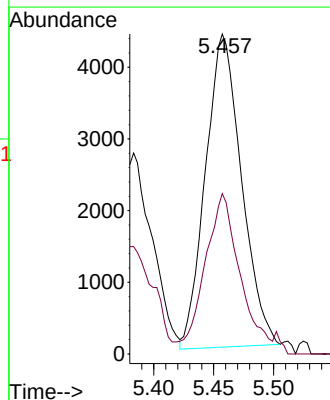
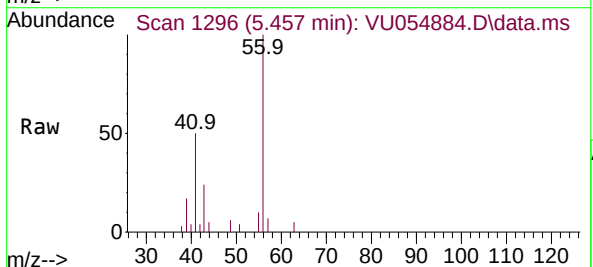
Delta R.T. 0.003 min

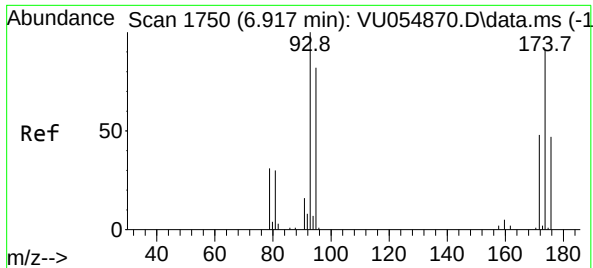
Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Tgt Ion: 56 Resp: 9133

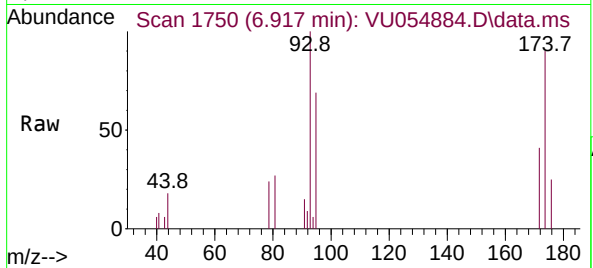
Ion	Ratio	Lower	Upper
56	100		
41	43.3	23.9	71.7





#43
Dibromomethane
Concen: 1.115 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

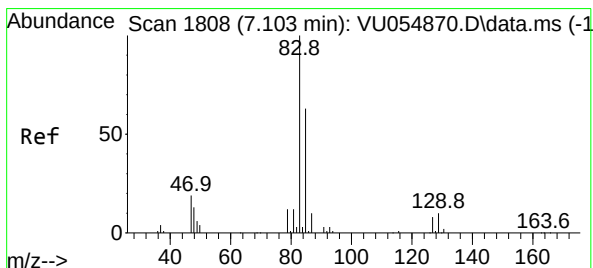
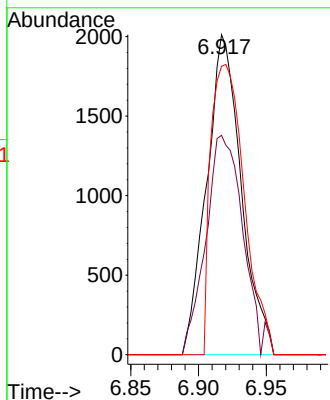
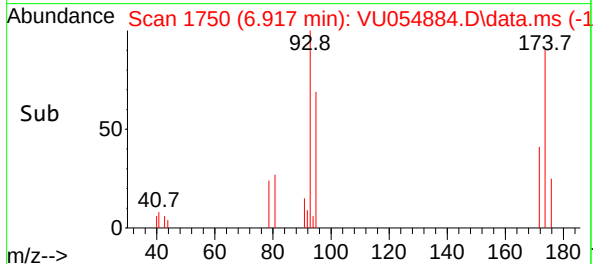
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 93 Resp: 3572
Ion Ratio Lower Upper
93 100
95 73.9 64.7 97.1
174 87.9 74.4 111.6

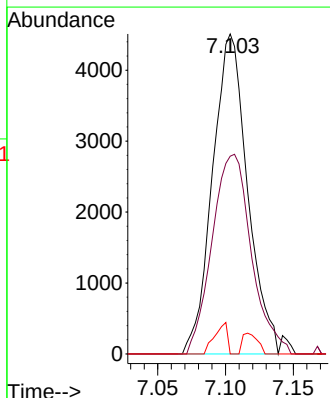
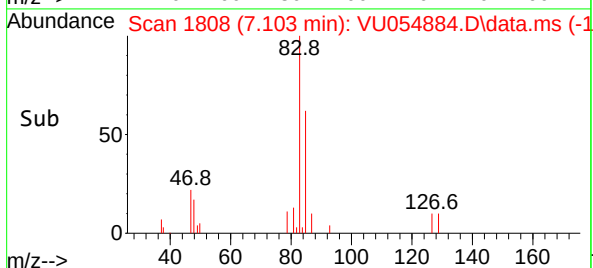
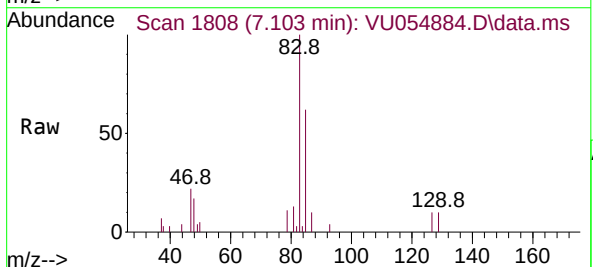
Manual Integrations
APPROVED

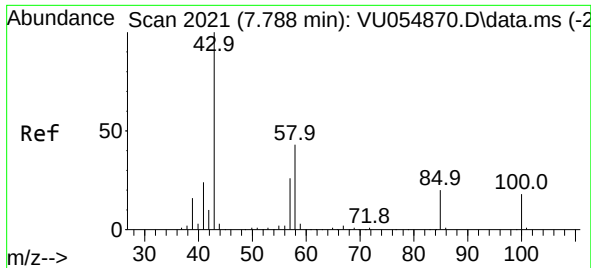
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#44
Bromodichloromethane
Concen: 0.907 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

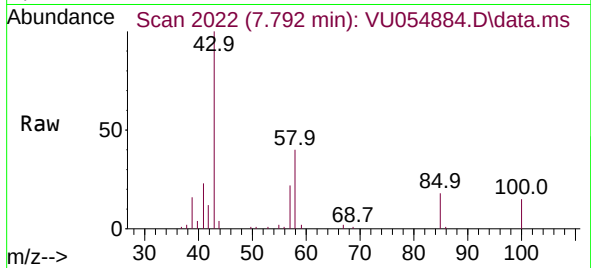
Tgt Ion: 83 Resp: 8091
Ion Ratio Lower Upper
83 100
85 60.3 52.2 78.2
127 0.0 6.1 9.1#





#45
4-Methyl-2-Pentanone
Concen: 5.370 ug/l
RT: 7.792 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

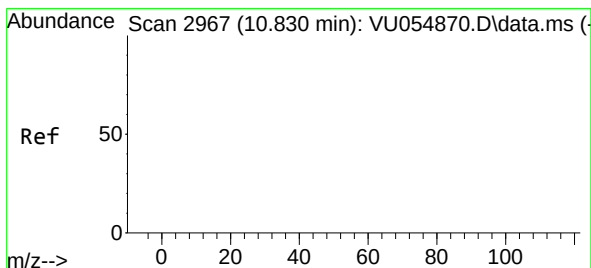
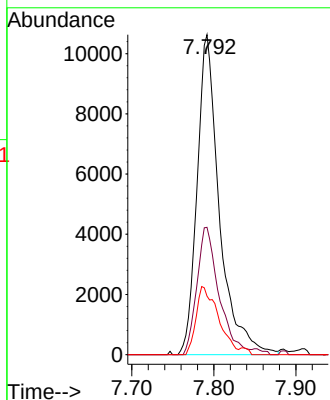
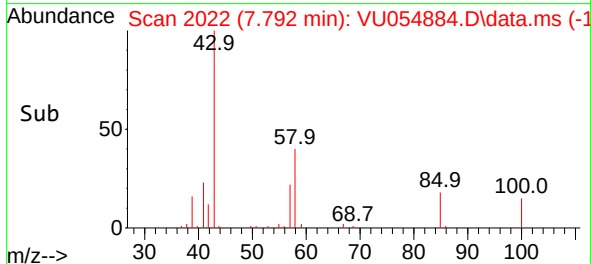
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 43 Resp: 20070
Ion Ratio Lower Upper
43 100
58 39.6 21.3 63.7
85 21.2 15.3 22.9

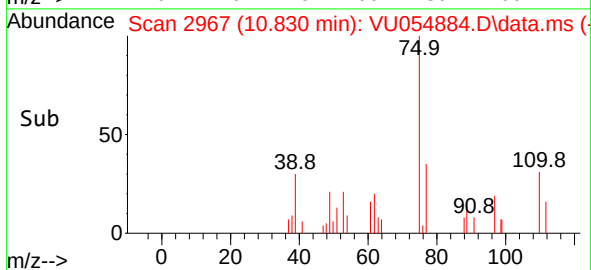
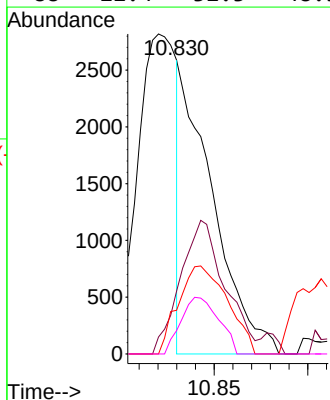
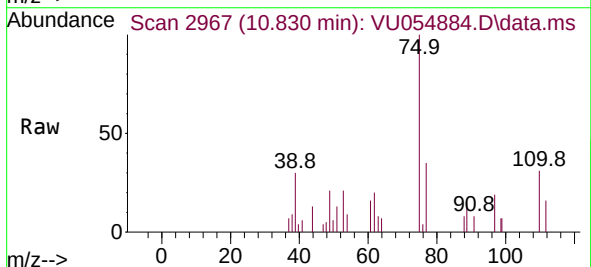
Manual Integrations
APPROVED

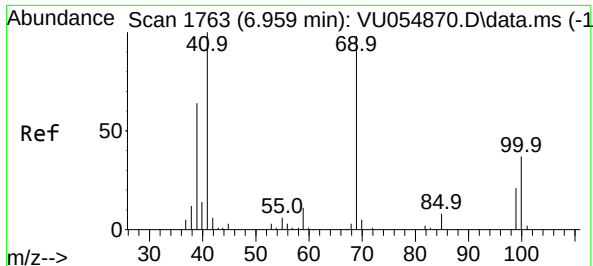
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
t-1,4-Dichloro-2-butene
Concen: 2.073 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Tgt Ion: 75 Resp: 3118
Ion Ratio Lower Upper
75 100
53 62.2 62.9 94.3#
89 45.2 47.8 71.8#
88 22.4 32.3 48.5#





#47

Methyl methacrylate

Concen: 1.982 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.007 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

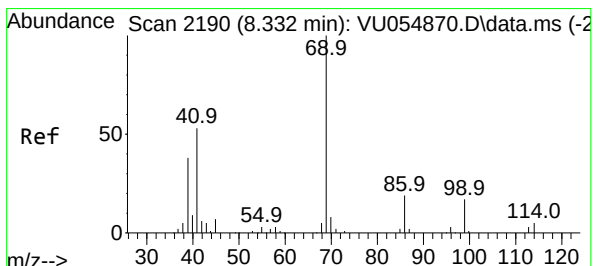
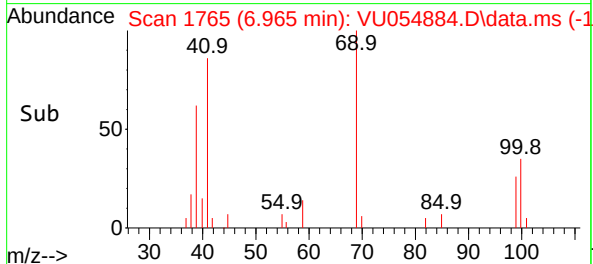
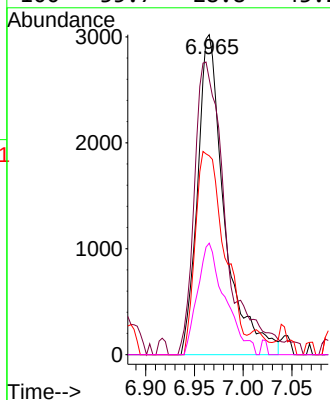
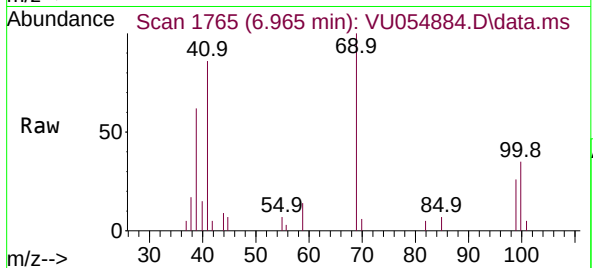
RL-CHECK

Tgt Ion:	69	Resp:	5804
Ion	Ratio	Lower	Upper
69	100		
41	107.3	0.0	193.0
39	68.9	50.4	75.6
100	35.7	28.8	43.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48

Ethyl methacrylate

Concen: 0.959 ug/l

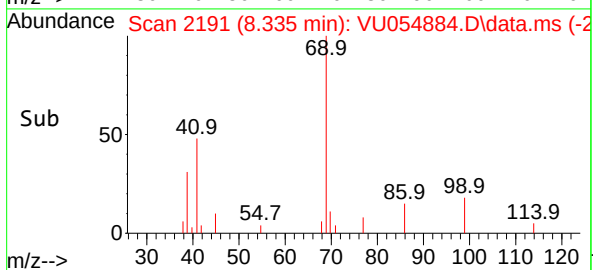
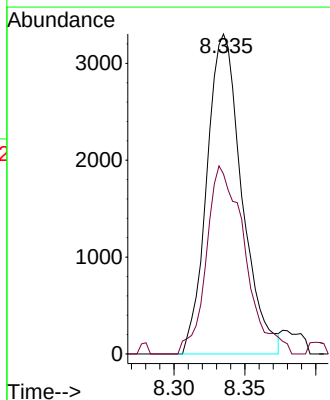
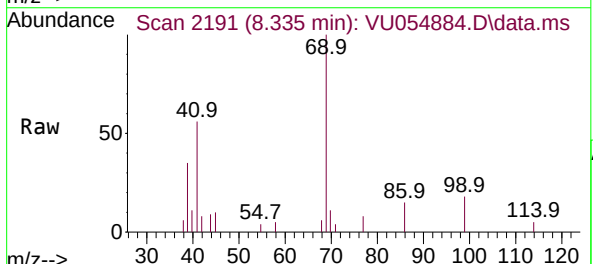
RT: 8.335 min Scan# 2191

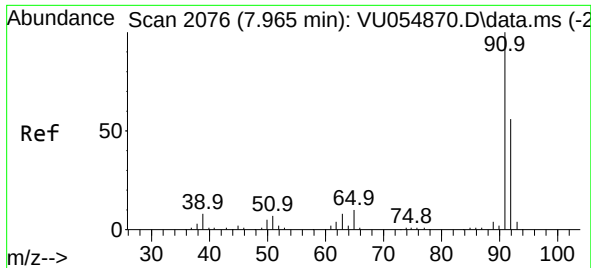
Delta R.T. 0.003 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Tgt Ion:	69	Resp:	5678
Ion	Ratio	Lower	Upper
69	100		
41	64.2	28.8	86.5





#49

Toluene

Concen: 0.961 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 92 Resp: 1476

Ion Ratio Lower Upper

92 100

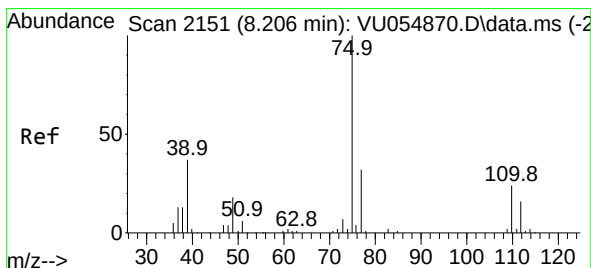
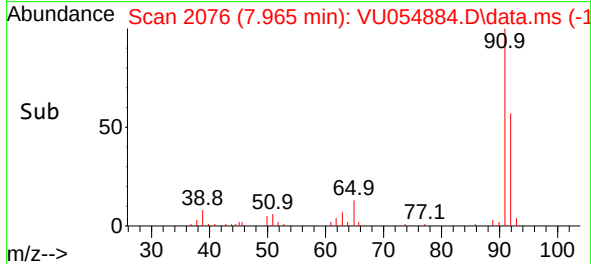
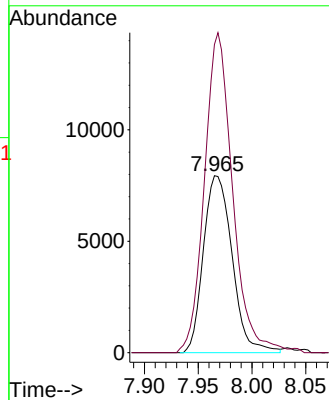
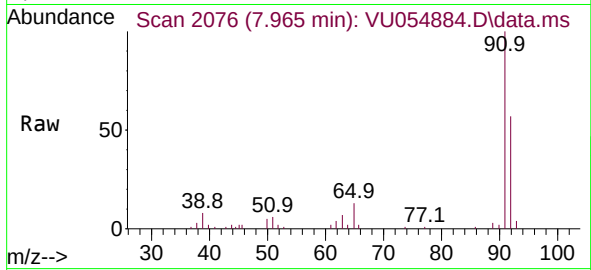
91 177.2 142.9 214.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

t-1,3-Dichloropropene

Concen: 0.973 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU054884.D

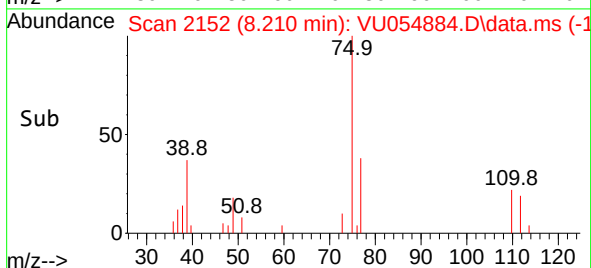
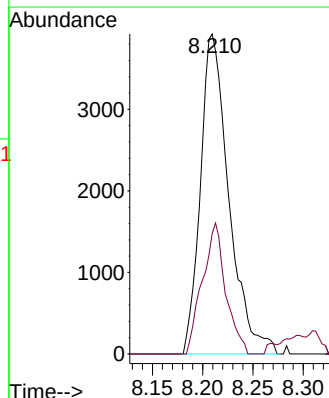
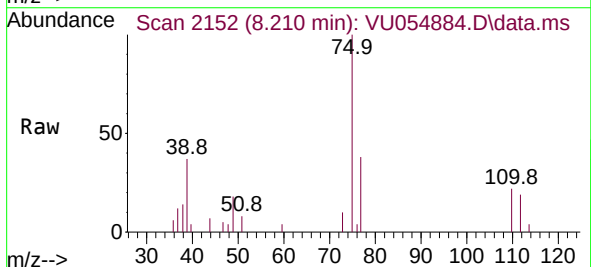
Acq: 26 Jul 2023 18:32

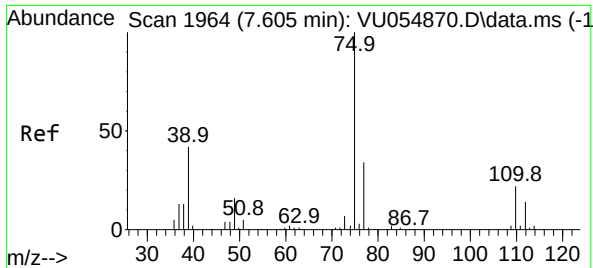
Tgt Ion: 75 Resp: 7713

Ion Ratio Lower Upper

75 100

77 37.7 24.9 37.3#





#51
 cis-1,3-Dichloropropene
 Concen: 0.894 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU054884.D
 Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

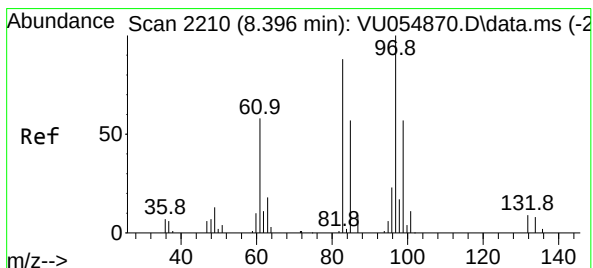
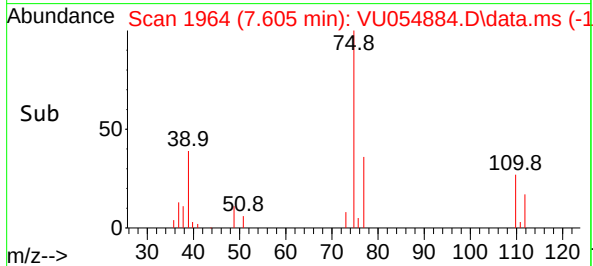
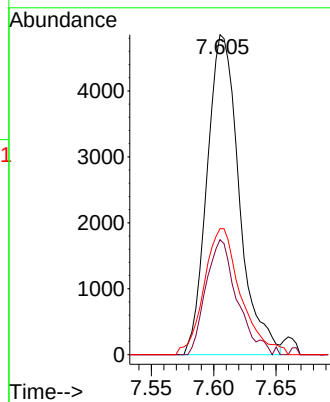
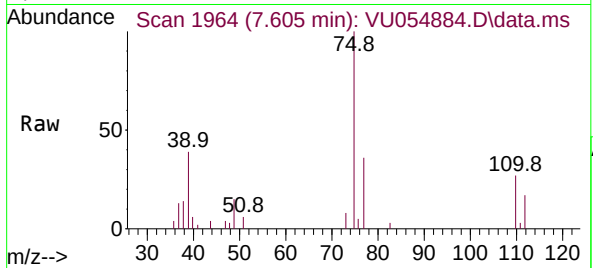
RL-CHECK

Tgt Ion: 75 Resp: 8700
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.8 38.8
 39 35.6 31.7 47.5

Manual Integrations

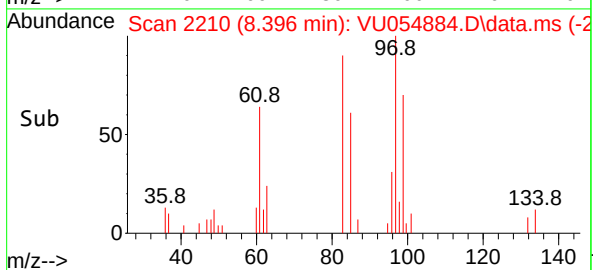
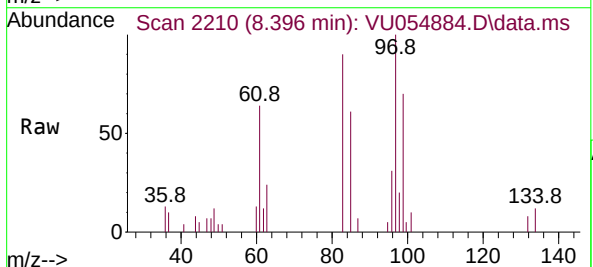
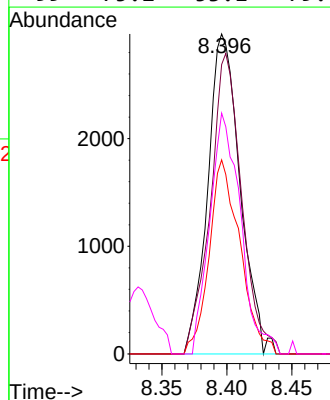
APPROVED

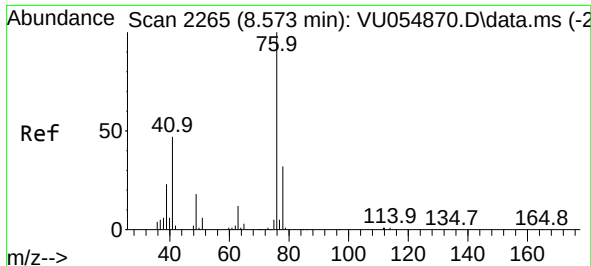
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#52
 1,1,2-Trichloroethane
 Concen: 1.011 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU054884.D
 Acq: 26 Jul 2023 18:32

Tgt Ion: 97 Resp: 5134
 Ion Ratio Lower Upper
 97 100
 83 90.4 77.4 116.2
 85 60.7 47.8 71.8
 99 75.2 53.1 79.7





#53

1,3-Dichloropropane

Concen: 1.013 ug/l

RT: 8.573 min Scan# 2100

Delta R.T. 0.000 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 76 Resp: 8320

Ion Ratio Lower Upper

76 100

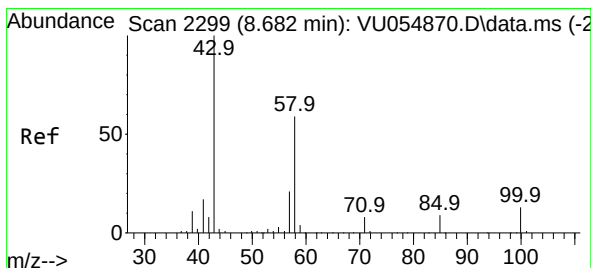
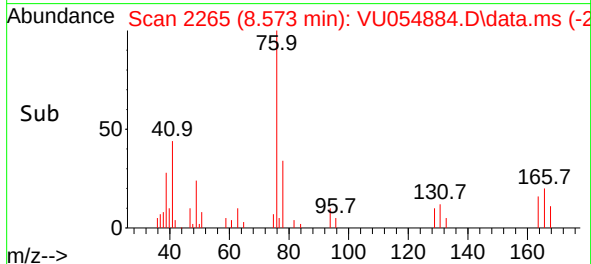
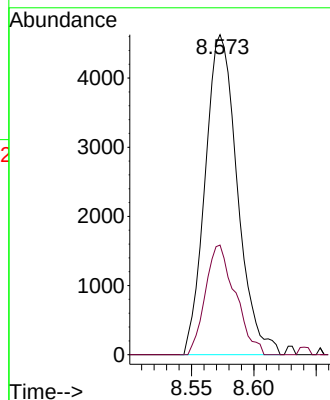
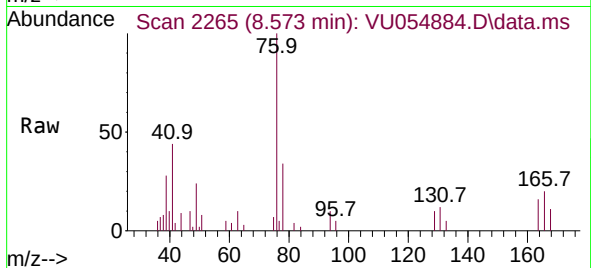
78 31.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#54

2-Hexanone

Concen: 5.061 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

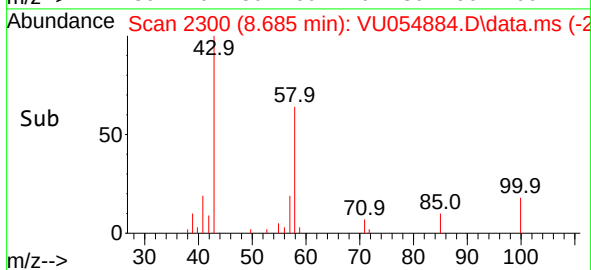
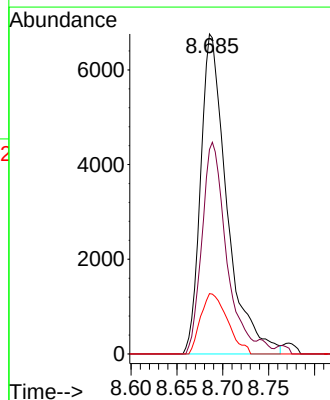
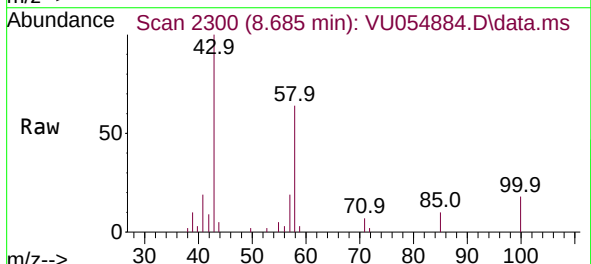
Tgt Ion: 43 Resp: 13442

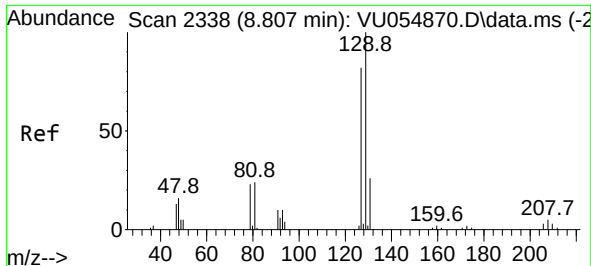
Ion Ratio Lower Upper

43 100

58 61.3 38.9 78.9

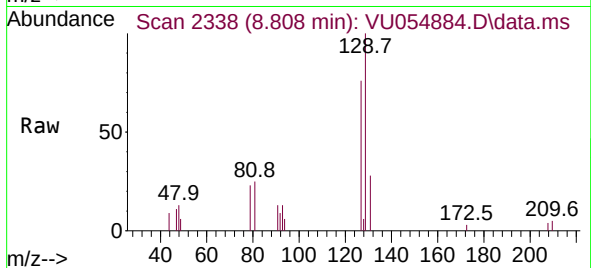
57 19.2 0.0 38.7





#55
Dibromochloromethane
Concen: 0.861 ug/l
RT: 8.808 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

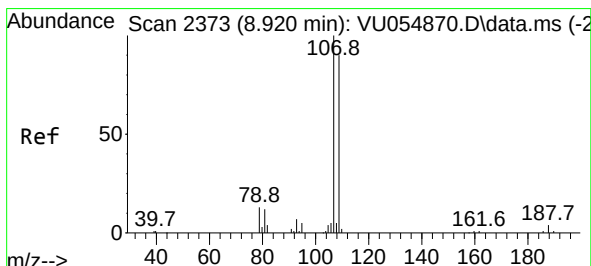
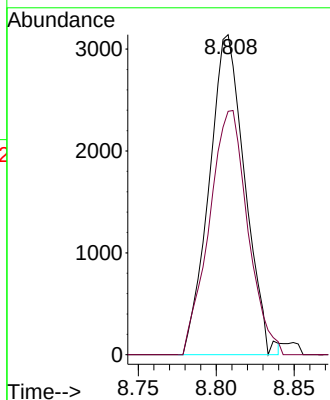
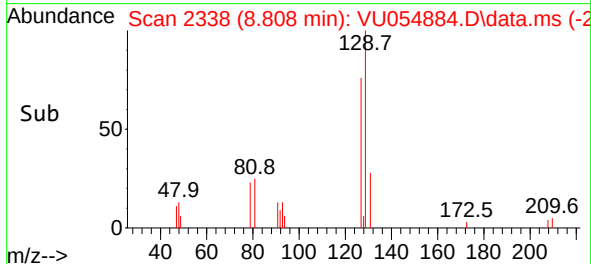
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:129 Resp: 5008
Ion Ratio Lower Upper
129 100
127 82.2 61.4 92.0

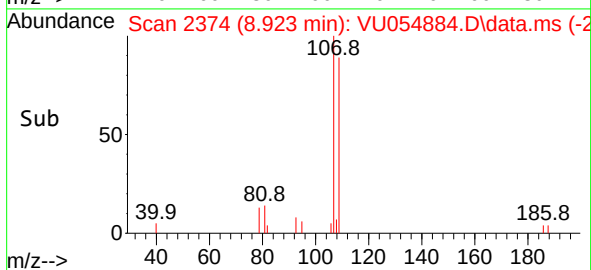
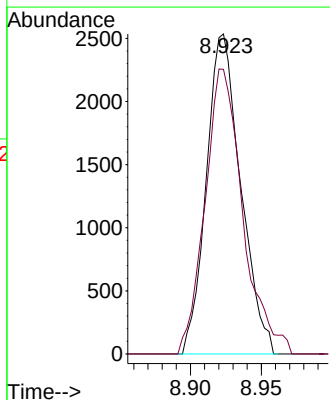
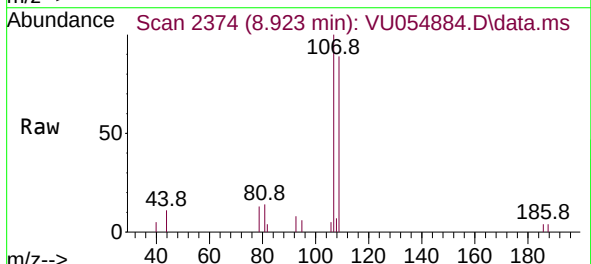
Manual Integrations
APPROVED

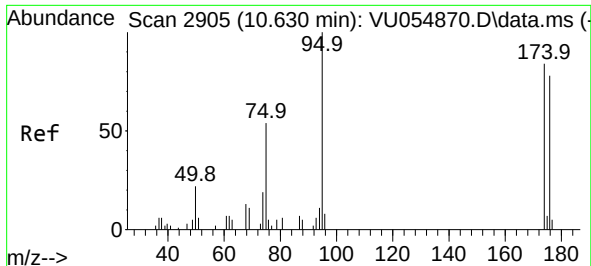
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 0.993 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

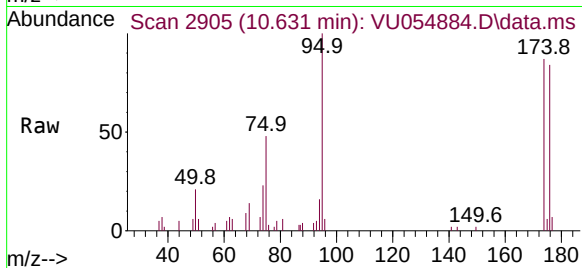
Tgt Ion:107 Resp: 4272
Ion Ratio Lower Upper
107 100
109 98.0 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.056 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

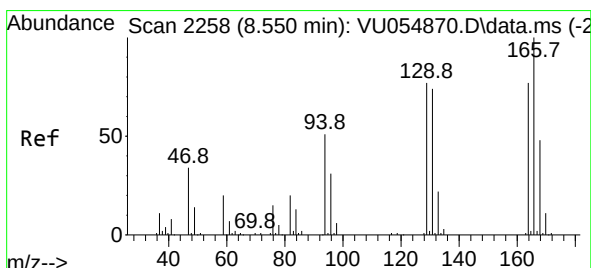
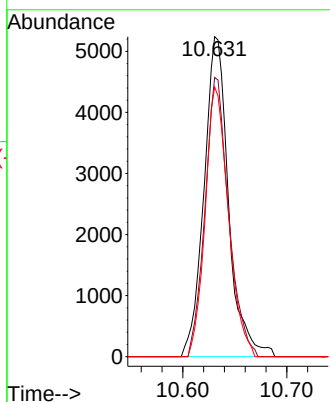
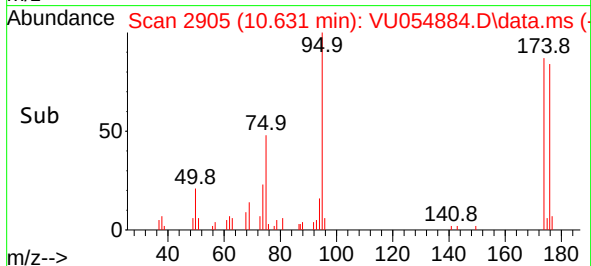
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 95 Resp: 857
Ion Ratio Lower Upper
95 100
174 83.8 79.3 118.9
176 79.6 71.5 107.3

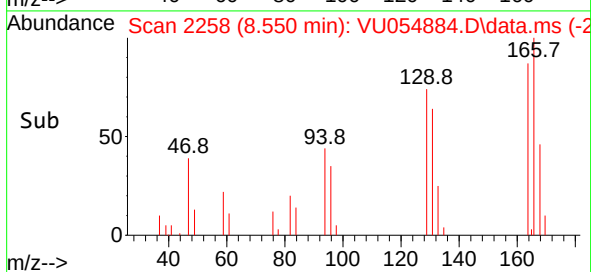
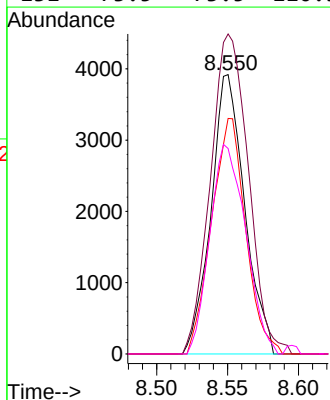
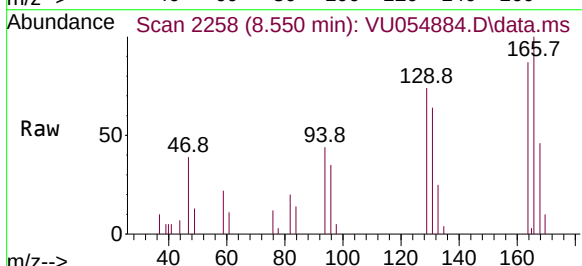
Manual Integrations
APPROVED

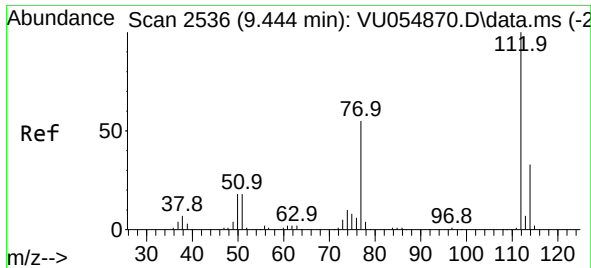
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
Tetrachloroethene
Concen: 1.142 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

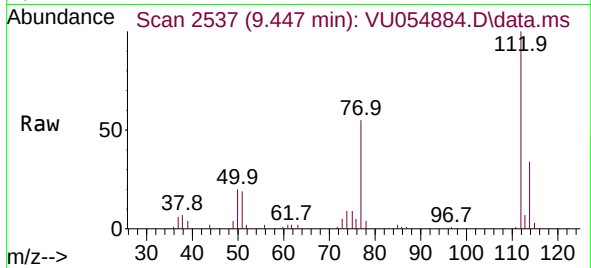
Tgt Ion:164 Resp: 6467
Ion Ratio Lower Upper
164 100
166 114.5 100.4 150.6
129 84.3 71.9 107.9
131 73.5 73.5 110.3





#59
Chlorobenzene
Concen: 0.939 ug/l
RT: 9.447 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

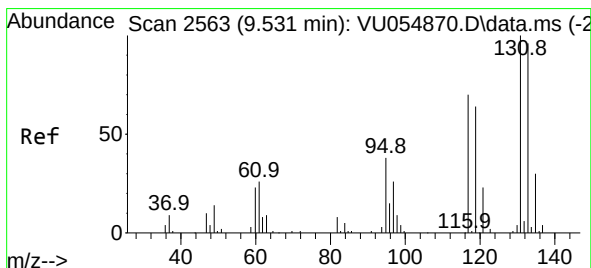
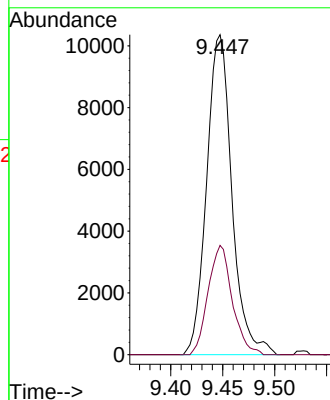
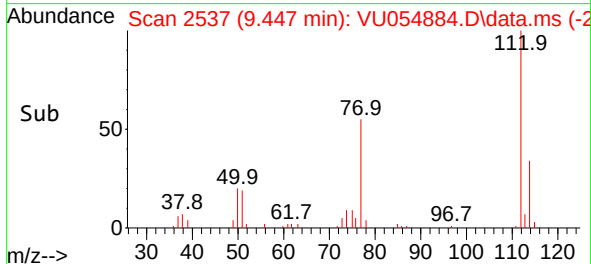
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:112 Resp: 17514
Ion Ratio Lower Upper
112 100
114 34.2 25.0 37.6

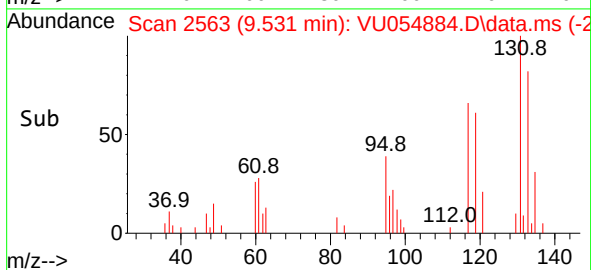
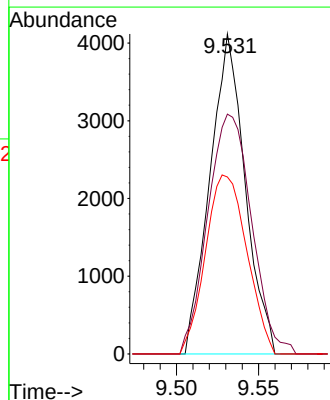
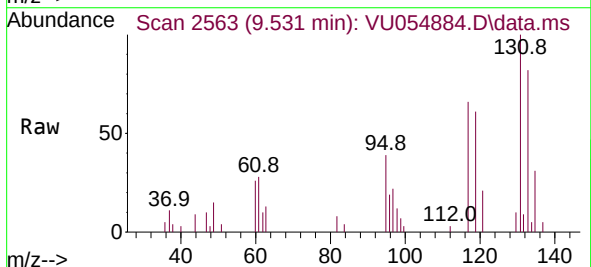
Manual Integrations
APPROVED

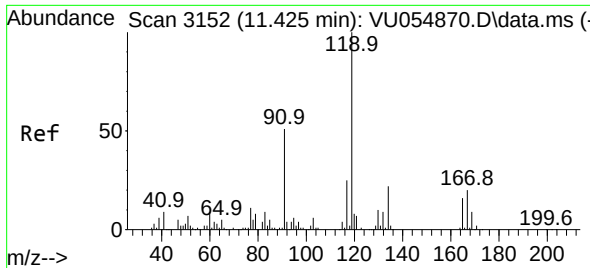
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.930 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

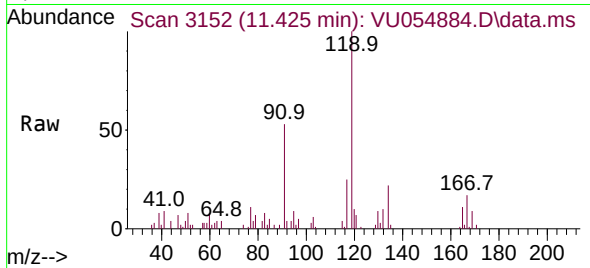
Tgt Ion:131 Resp: 6125
Ion Ratio Lower Upper
131 100
133 93.4 74.2 111.4
119 65.7 51.0 76.4





#61
Pentachloroethane
Concen: 0.908 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

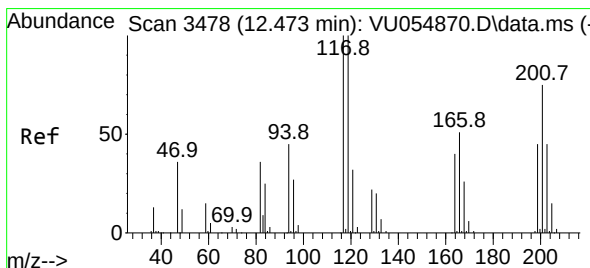
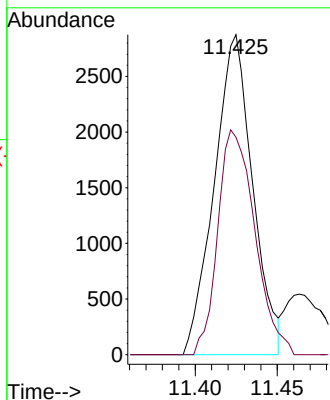
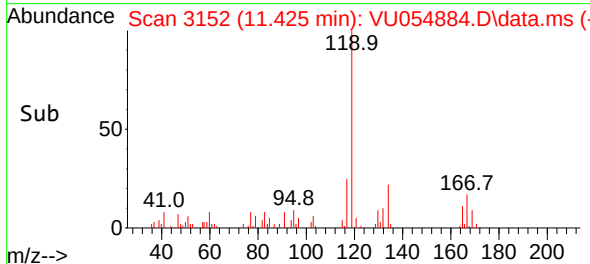
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:117 Resp: 4672
Ion Ratio Lower Upper
117 100
167 67.9 65.3 97.9

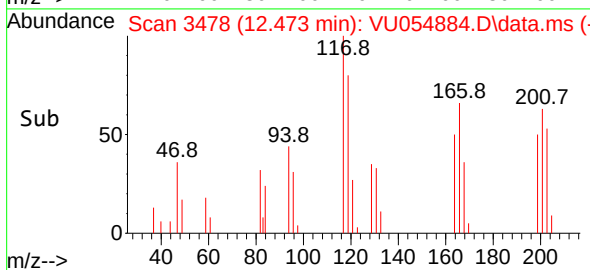
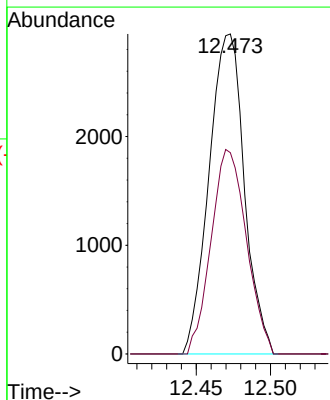
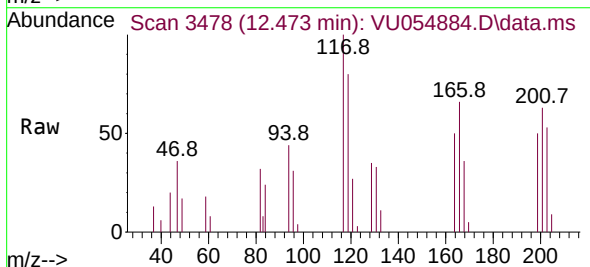
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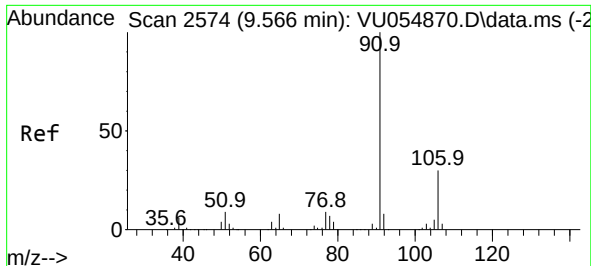
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Hexachloroethane
Concen: 0.921 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Tgt Ion:117 Resp: 4872
Ion Ratio Lower Upper
117 100
201 63.8 56.1 84.1





#63

Ethyl Benzene

Concen: 0.926 ug/l

RT: 9.570 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 91 Resp: 2896

Ion Ratio Lower Upper

91 100

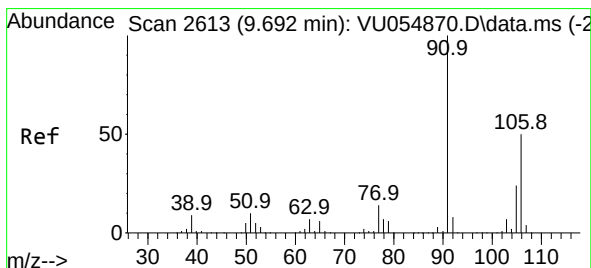
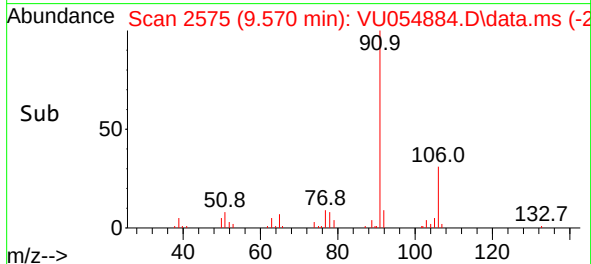
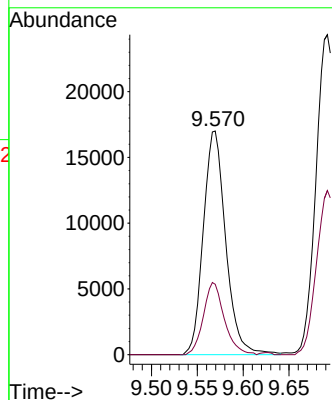
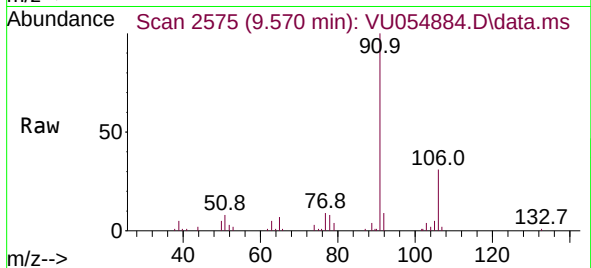
106 31.4 24.2 36.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#64

m/p-Xylenes

Concen: 1.873 ug/l

RT: 9.692 min Scan# 2613

Delta R.T. 0.000 min

Lab File: VU054884.D

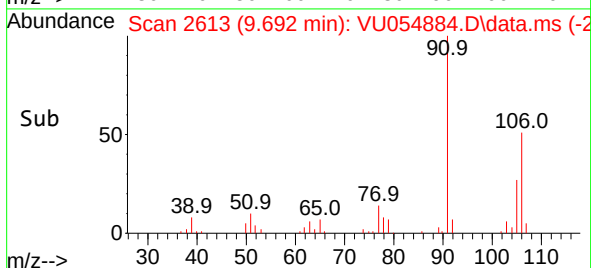
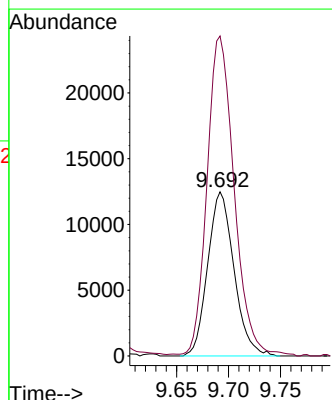
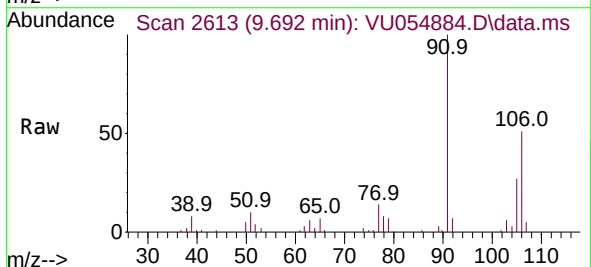
Acq: 26 Jul 2023 18:32

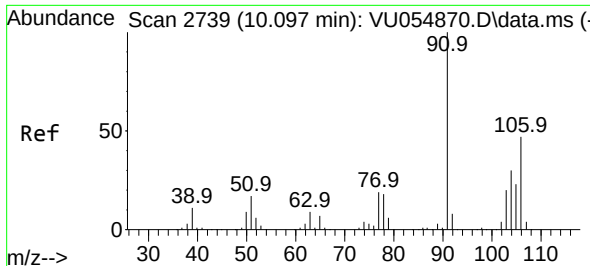
Tgt Ion:106 Resp: 21926

Ion Ratio Lower Upper

106 100

91 201.5 158.8 238.2





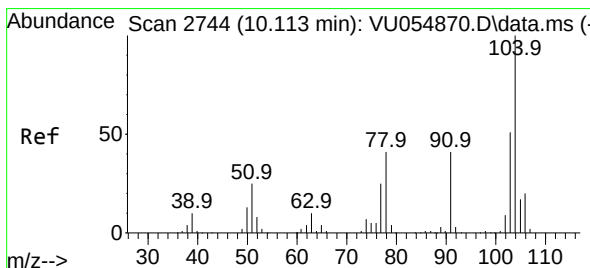
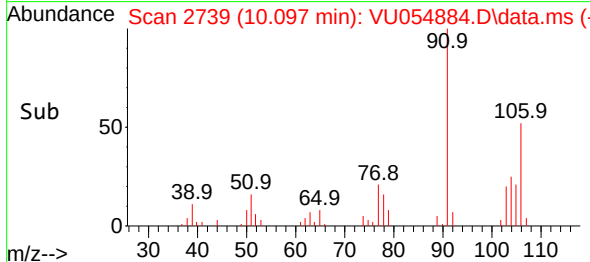
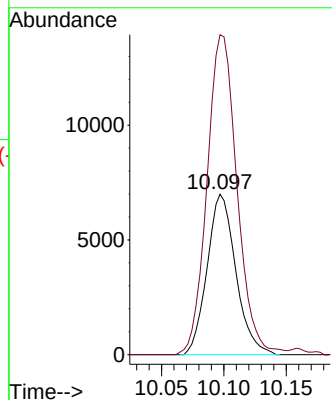
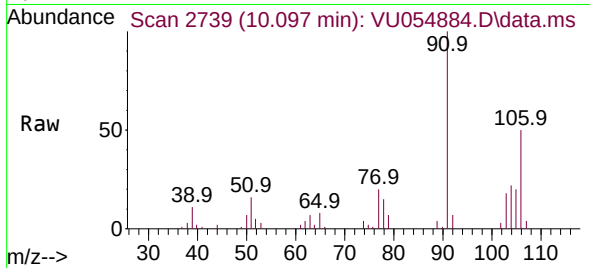
#65
o-Xylene
Concen: 0.932 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:106 Resp: 1120
Ion Ratio Lower Upper
106 100
91 208.7 108.9 326.8

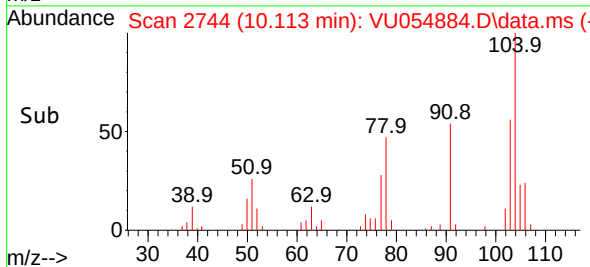
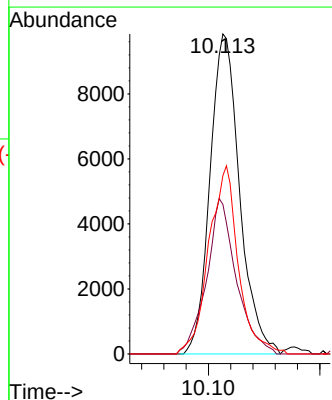
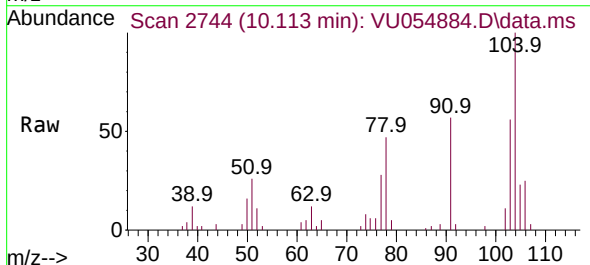
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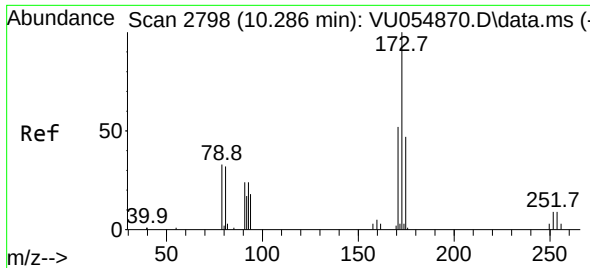
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 0.946 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

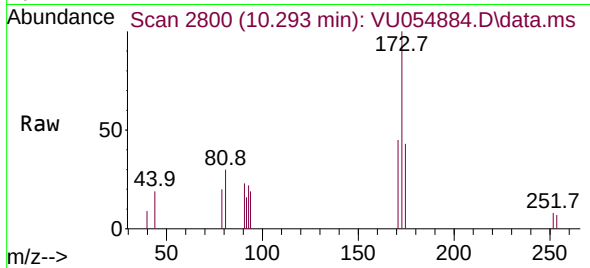
Tgt Ion:104 Resp: 18183
Ion Ratio Lower Upper
104 100
78 48.7 37.5 56.3
103 58.4 45.2 67.8





#67
Bromoform
Concen: 1.068 ug/l
RT: 10.293 min Scan# 2798
Delta R.T. 0.007 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

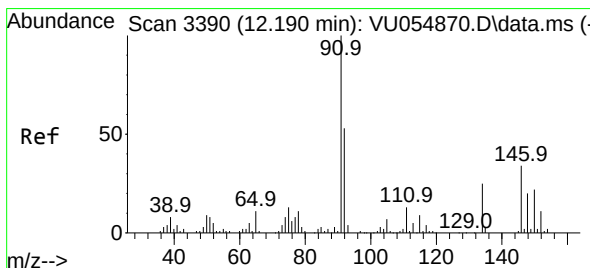
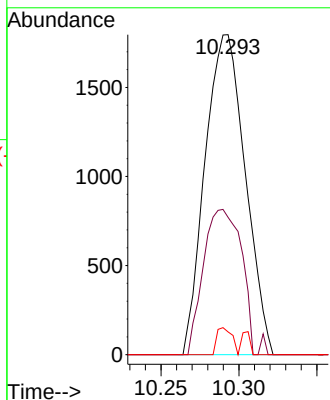
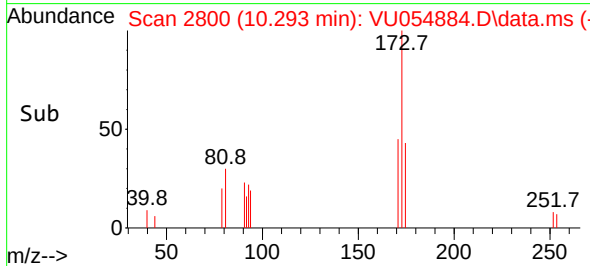
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



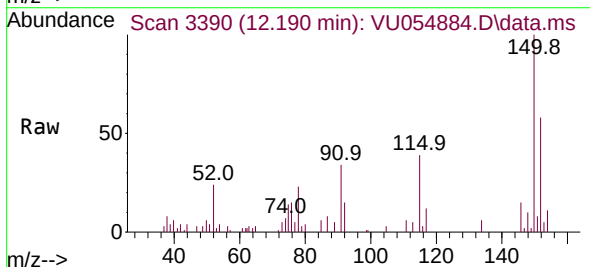
Tgt Ion:173 Resp: 322
Ion Ratio Lower Upper
173 100
175 42.8 39.0 58.6
254 3.2 7.4 11.0

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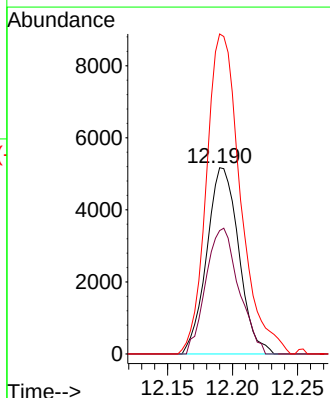
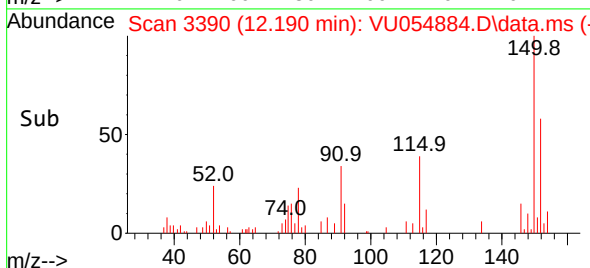
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

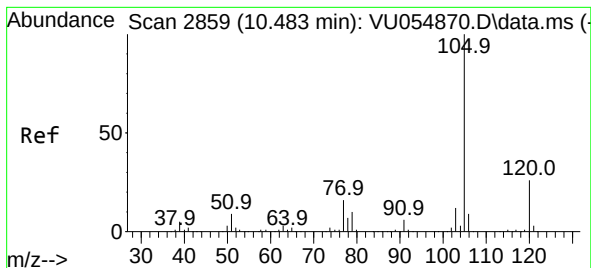


#68
1,2-Dichlorobenzene-d4
Concen: 0.965 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32



Tgt Ion:152 Resp: 8858
Ion Ratio Lower Upper
152 100
115 69.2 0.0 234.8
150 182.4 0.0 598.2





#69

Isopropylbenzene

Concen: 0.915 ug/l

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion:105 Resp: 2953

Ion Ratio Lower Upper

105 100

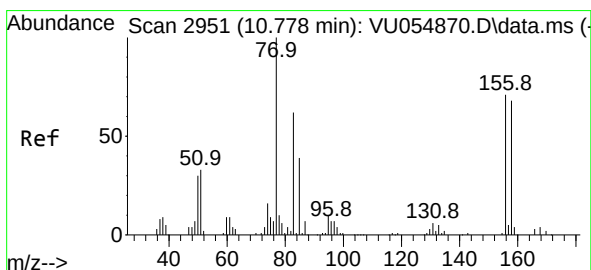
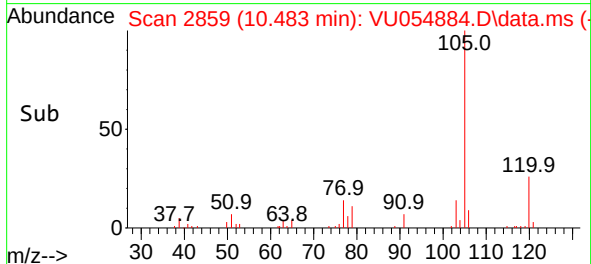
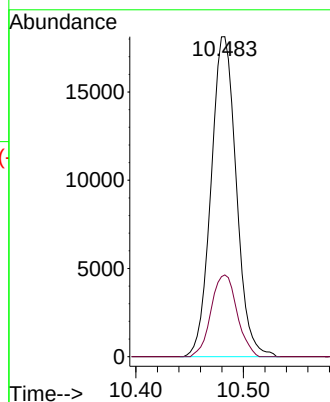
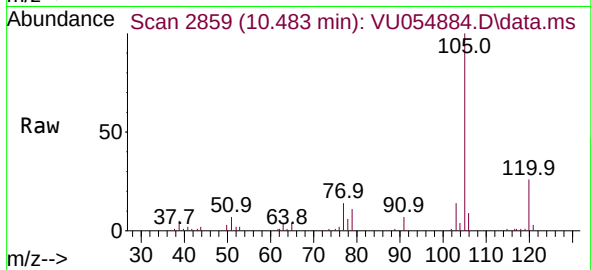
120 26.3 12.6 37.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 1.047 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

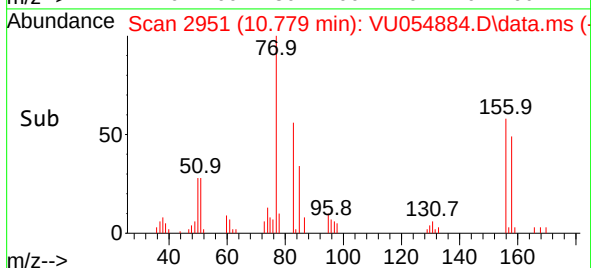
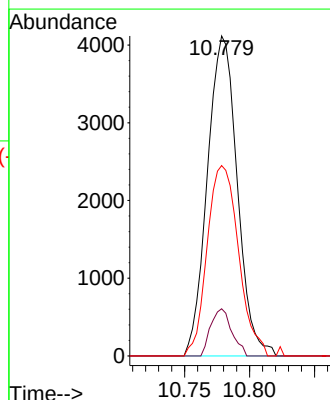
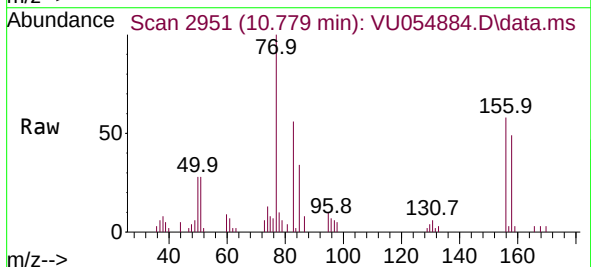
Tgt Ion: 83 Resp: 6583

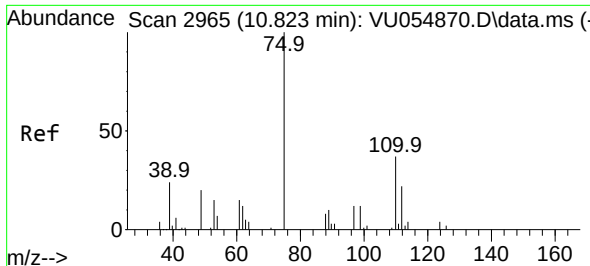
Ion Ratio Lower Upper

83 100

131 10.3 7.5 11.3

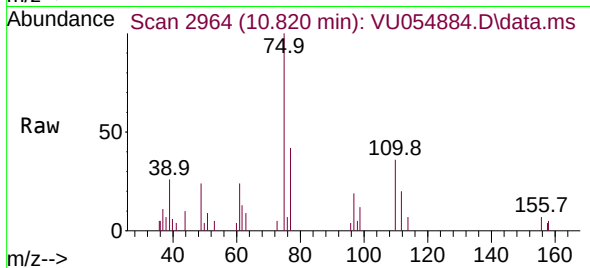
85 62.4 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 1.112 ug/l m
RT: 10.820 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

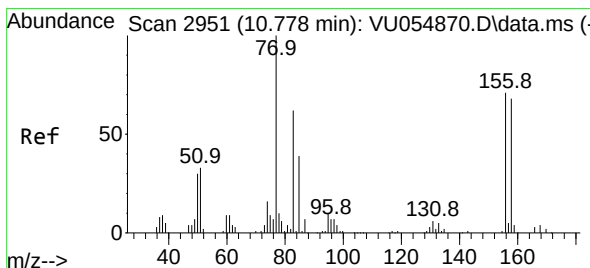
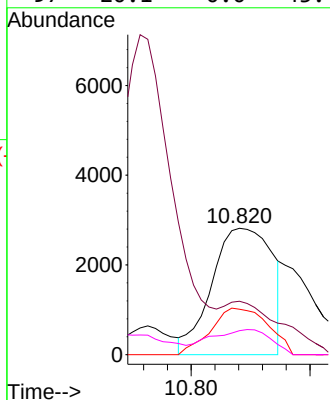
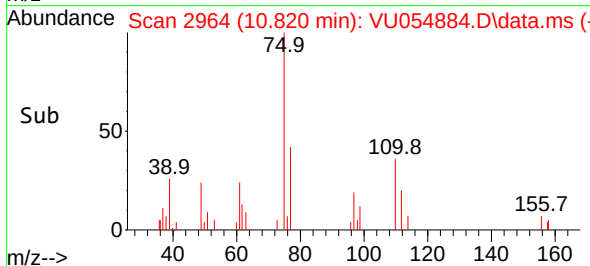
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



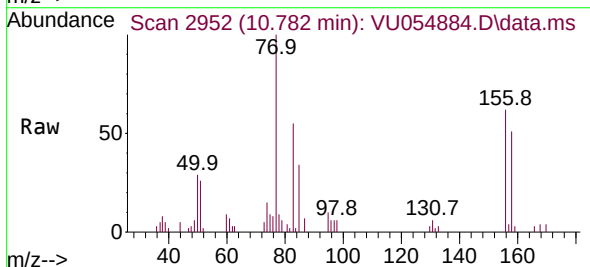
Tgt Ion: 75 Resp: 4979
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 34.9 0.0 80.8
97 20.1 0.0 43.4

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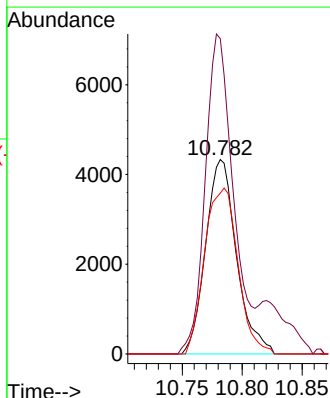
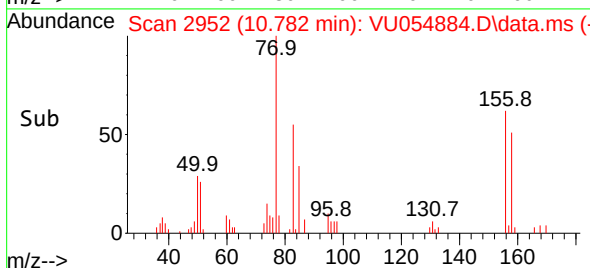
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

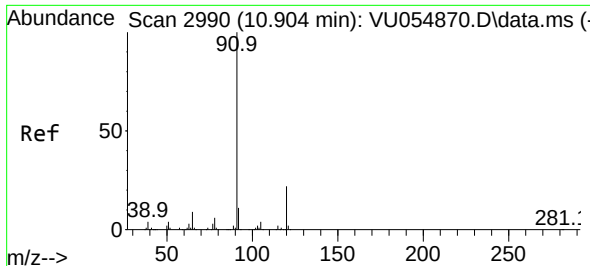


#72
Bromobenzene
Concen: 1.077 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32



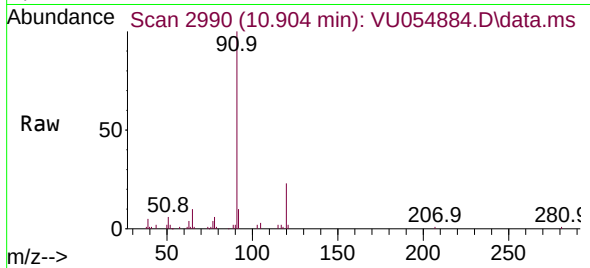
Tgt Ion:156 Resp: 7745
Ion Ratio Lower Upper
156 100
77 149.1 0.0 293.2
158 92.2 0.0 189.8





#73
n-propylbenzene
Concen: 1.016 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

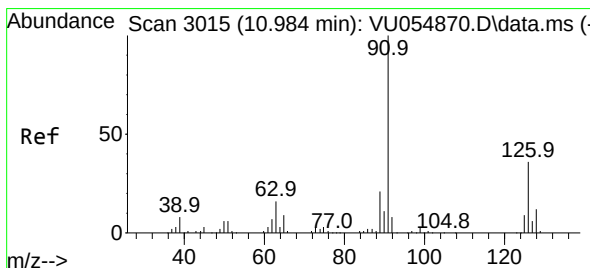
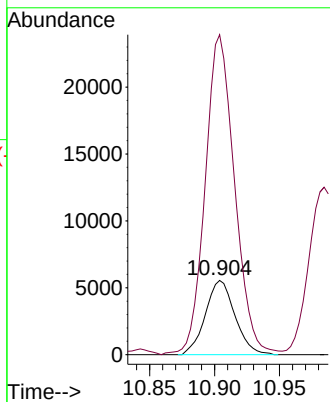
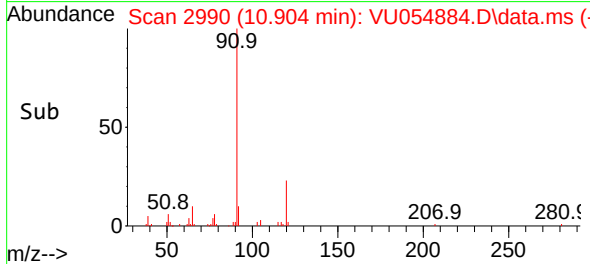
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:120 Resp: 878
Ion Ratio Lower Upper
120 100
91 429.8 361.8 542.6

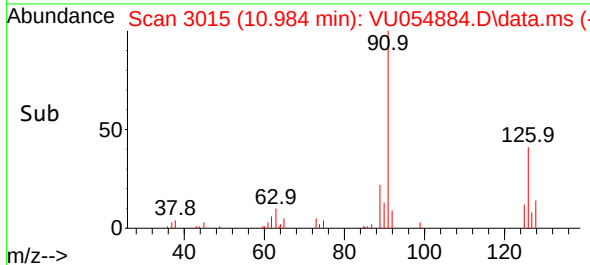
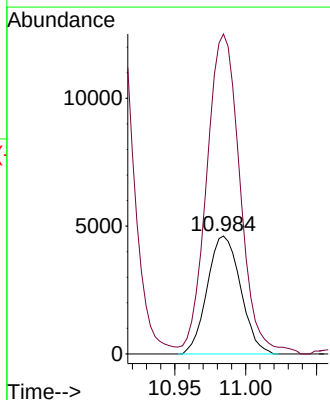
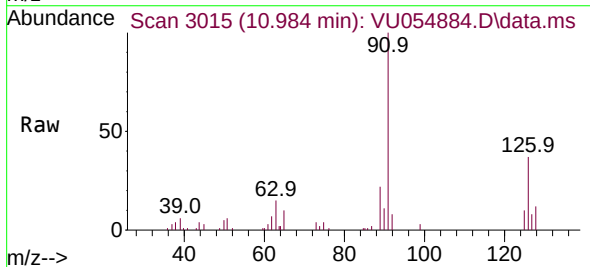
Manual Integrations
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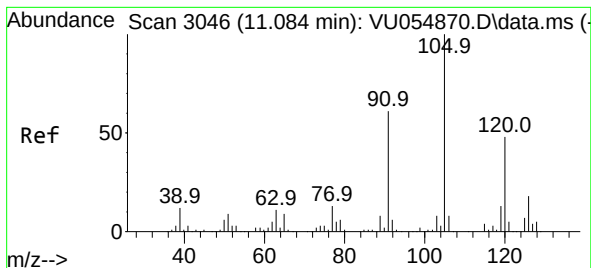
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 1.008 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Tgt Ion:126 Resp: 7539
Ion Ratio Lower Upper
126 100
91 271.5 0.0 561.4





#75

1,3,5-Trimethylbenzene

Concen: 0.913 ug/l

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion:105 Resp: 2387

Ion Ratio Lower Upper

105 100

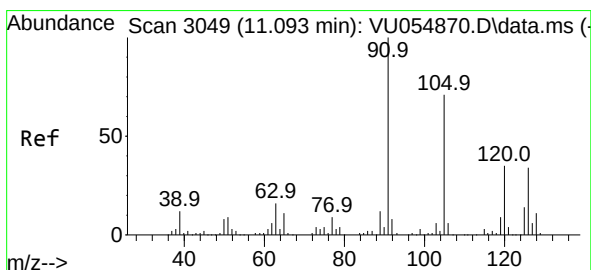
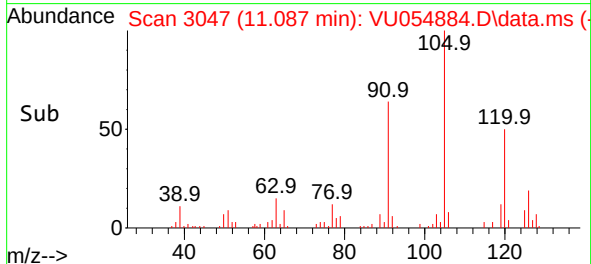
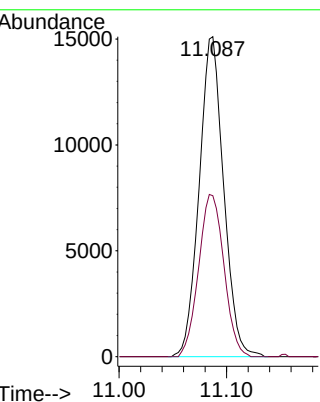
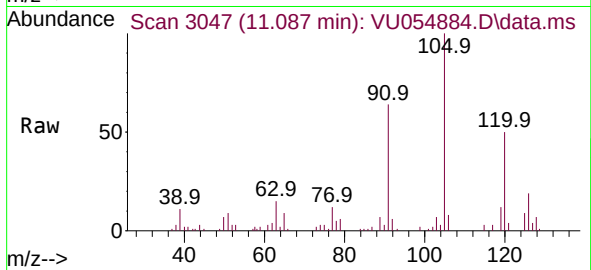
120 52.4 39.0 58.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#76

4-Chlorotoluene

Concen: 0.977 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VU054884.D

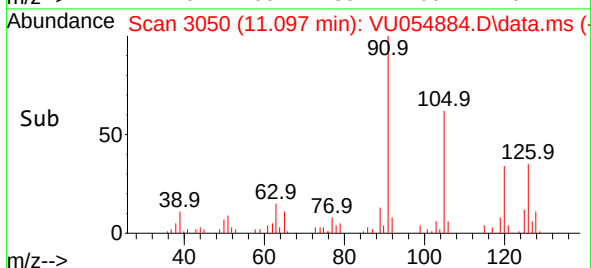
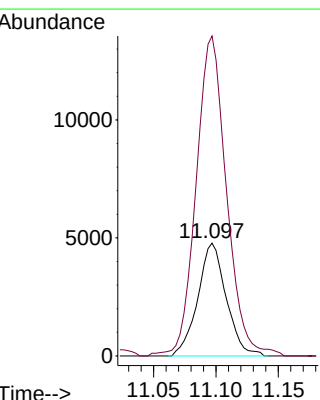
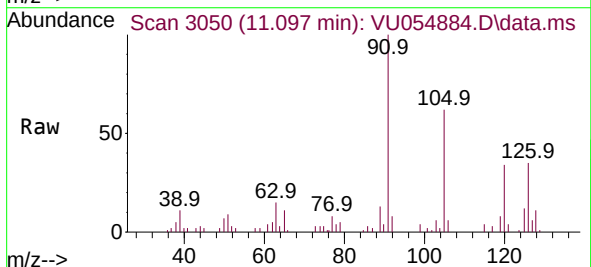
Acq: 26 Jul 2023 18:32

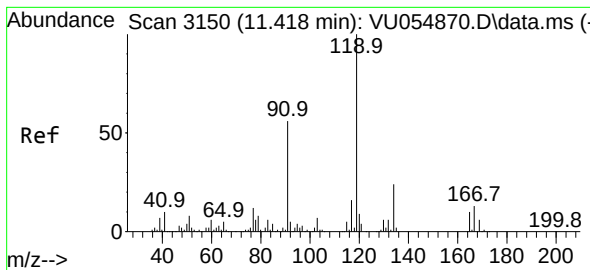
Tgt Ion:126 Resp: 7594

Ion Ratio Lower Upper

126 100

91 303.1 0.0 623.4





#77

tert-Butylbenzene

Concen: 0.918 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion:119 Resp: 24950

Ion Ratio Lower Upper

119 100

91 55.6 27.7 83.1

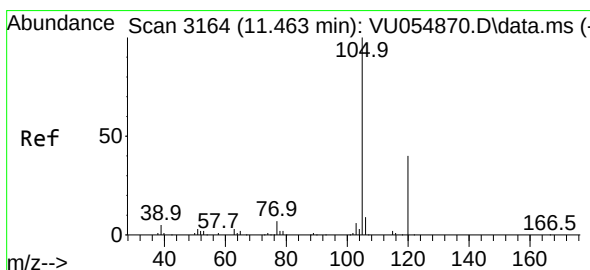
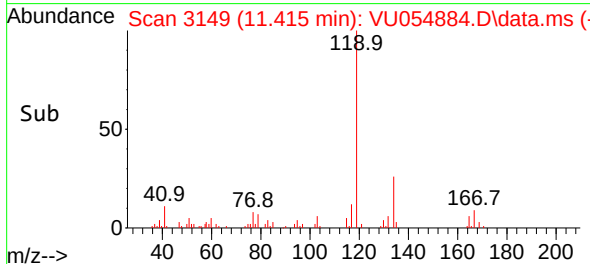
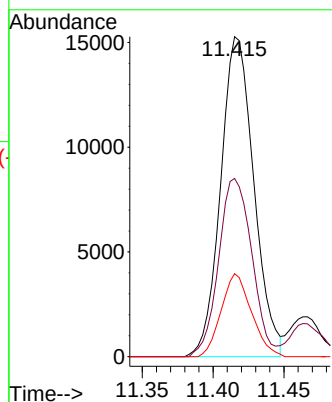
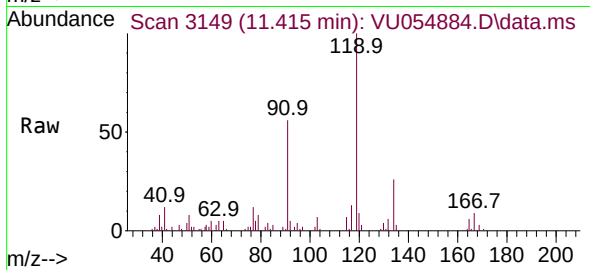
134 23.6 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#78

1,2,4-Trimethylbenzene

Concen: 0.878 ug/l

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU054884.D

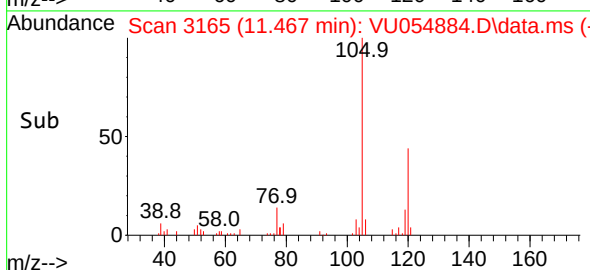
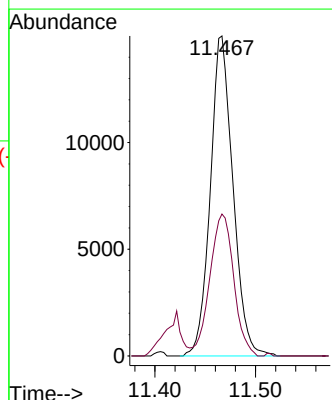
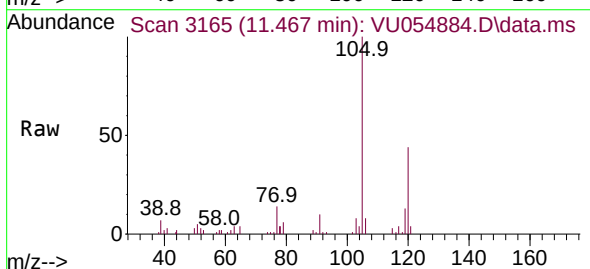
Acq: 26 Jul 2023 18:32

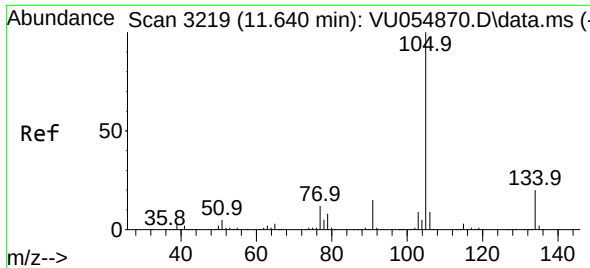
Tgt Ion:105 Resp: 23489

Ion Ratio Lower Upper

105 100

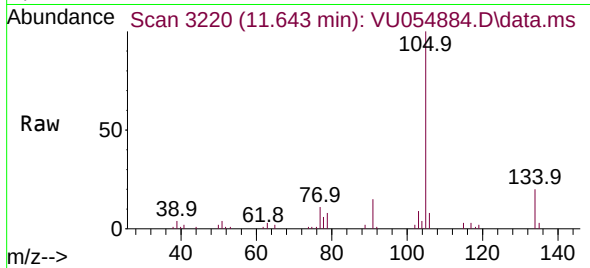
120 46.9 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 0.890 ug/l
 RT: 11.643 min Scan# 3144
 Delta R.T. 0.003 min
 Lab File: VU054884.D
 Acq: 26 Jul 2023 18:32

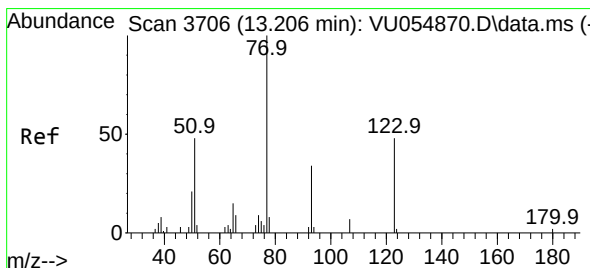
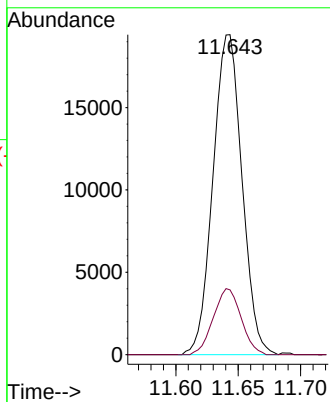
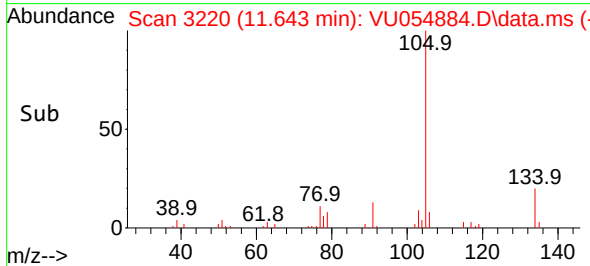
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



Tgt Ion:105 Resp: 3144
 Ion Ratio Lower Upper
 105 100
 134 19.8 15.7 23.5

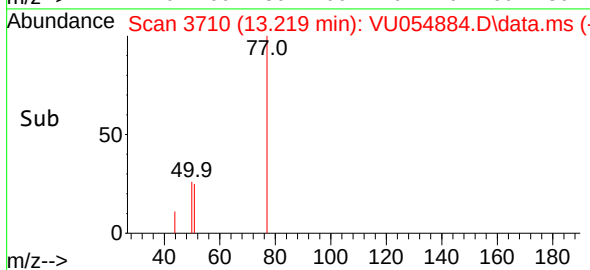
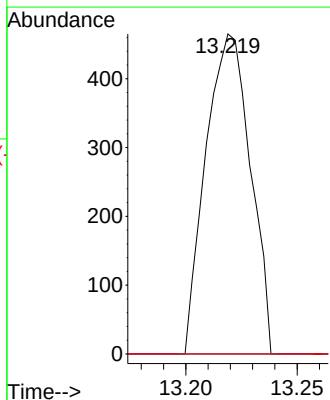
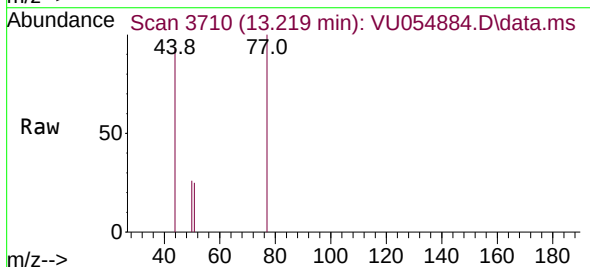
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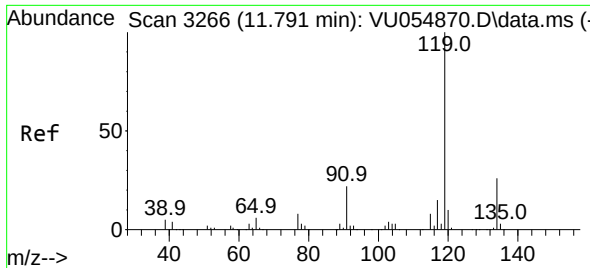
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#80
 Nitrobenzene
 Concen: 3.918 ug/l
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.013 min
 Lab File: VU054884.D
 Acq: 26 Jul 2023 18:32

Tgt Ion: 77 Resp: 647
 Ion Ratio Lower Upper
 77 100
 123 0.0 20.2 71.8#
 65 0.0 11.7 14.9#





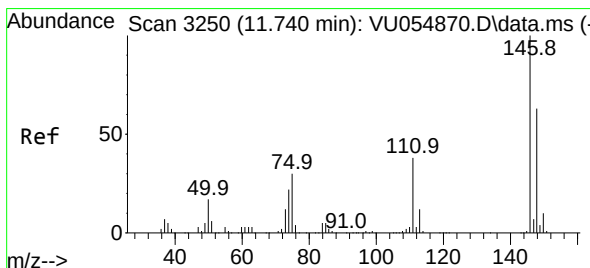
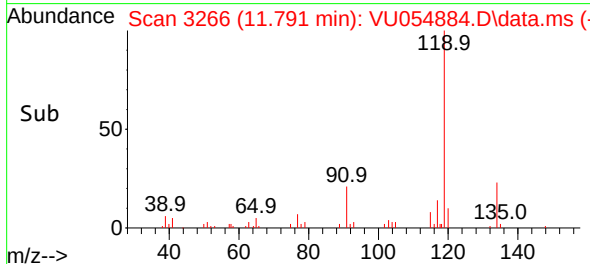
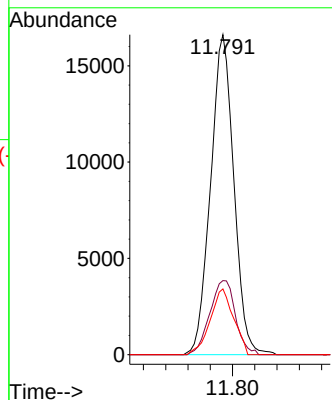
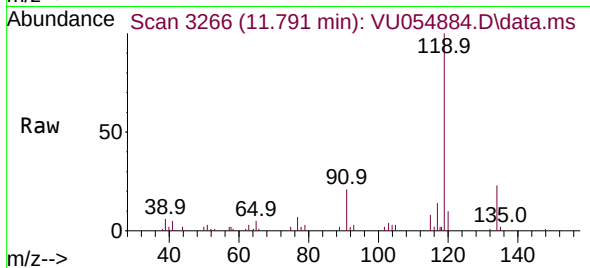
#81
p-Isopropyltoluene
Concen: 0.863 ug/l
RT: 11.791 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:119 Resp: 2406
Ion Ratio Lower Upper
119 100
134 25.5 20.6 31.0
91 20.7 18.2 27.4

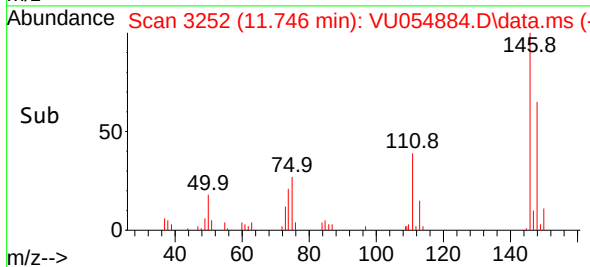
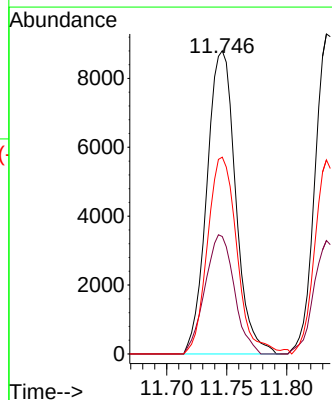
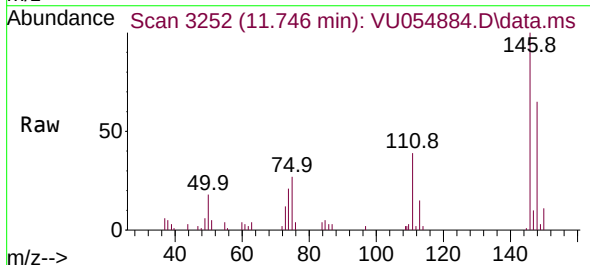
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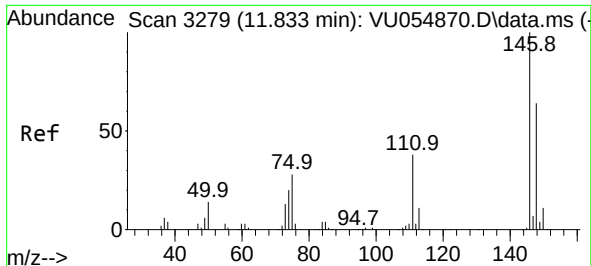
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
1,3-Dichlorobenzene
Concen: 0.957 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.007 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

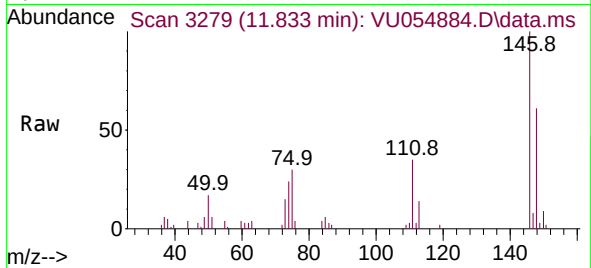
Tgt Ion:146 Resp: 14643
Ion Ratio Lower Upper
146 100
111 40.0 30.5 45.7
148 66.9 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 1.018 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

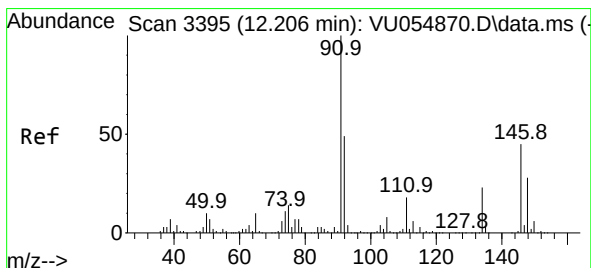
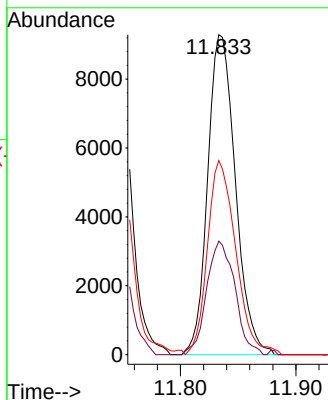
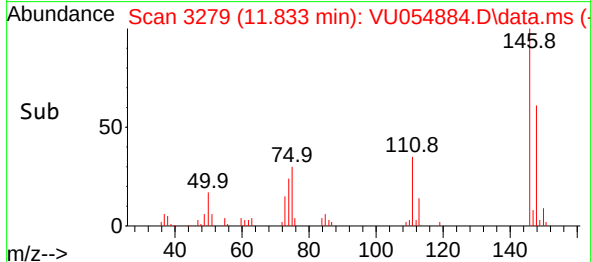
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



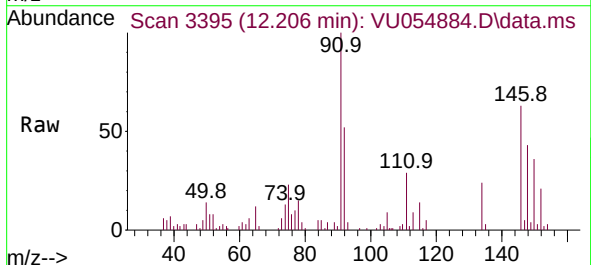
Tgt Ion:146 Resp: 15529
Ion Ratio Lower Upper
146 100
111 36.1 29.5 44.3
148 61.9 51.2 76.8

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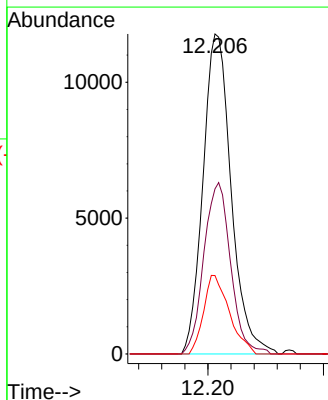
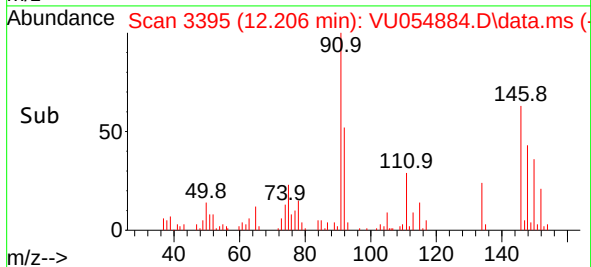
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

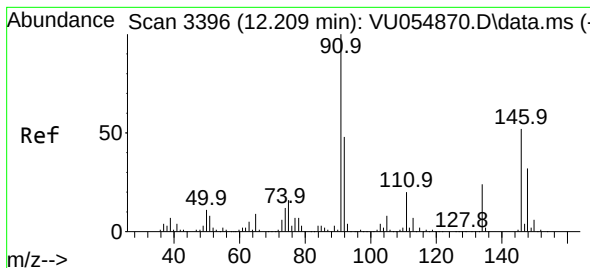


#84
n-Butylbenzene
Concen: 0.797 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.000 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32



Tgt Ion: 91 Resp: 19980
Ion Ratio Lower Upper
91 100
92 50.9 39.8 59.8
134 22.3 20.2 30.4





#85

1,2-Dichlorobenzene

Concen: 0.956 ug/l

RT: 12.213 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

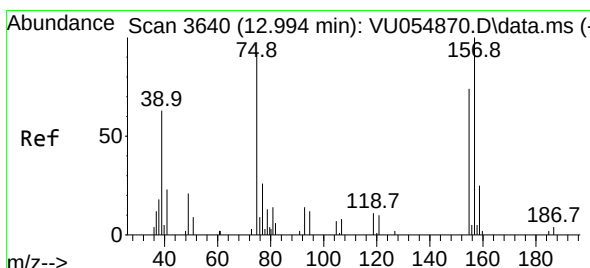
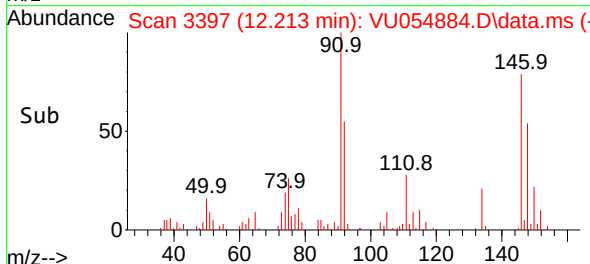
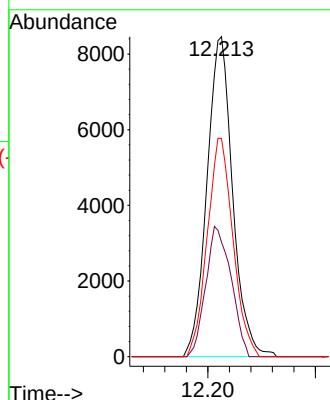
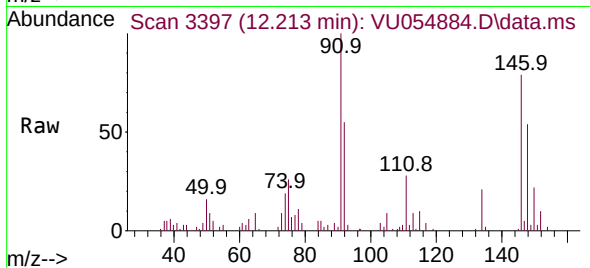
RL-CHECK

Tgt Ion:	146	Resp:	14030
Ion Ratio	Lower	Upper	
146	100		
111	40.1	19.8	59.4
148	68.4	31.8	95.3

Manual Integrations

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Supervised By :Mahesh Dadoda 07/31/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.904 ug/l

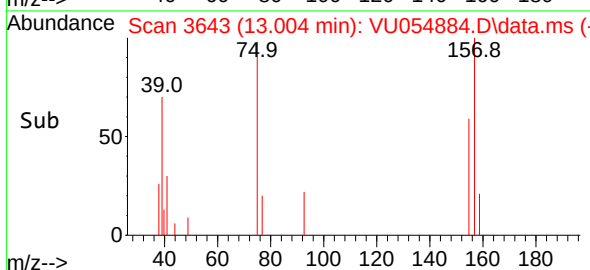
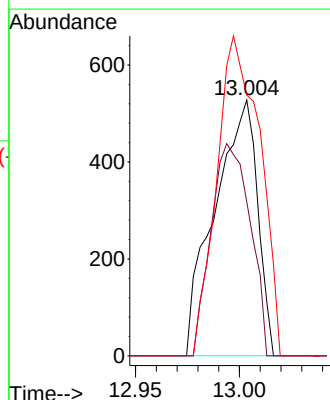
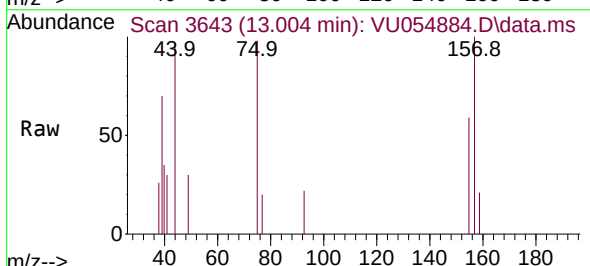
RT: 13.004 min Scan# 3643

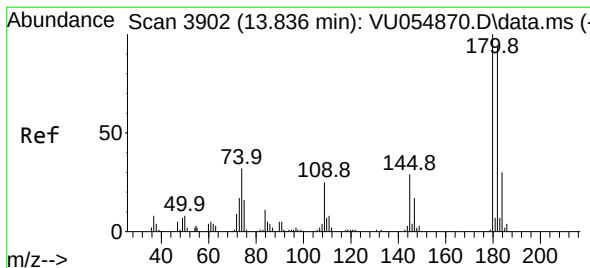
Delta R.T. 0.010 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Tgt Ion:	75	Resp:	755
Ion Ratio	Lower	Upper	
75	100		
155	75.8	74.8	112.2
157	126.0	97.4	146.0





#87

1,2,4-Trichlorobenzene

Concen: 0.900 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

Instrument :

MSVOA_U

ClientSampleId :

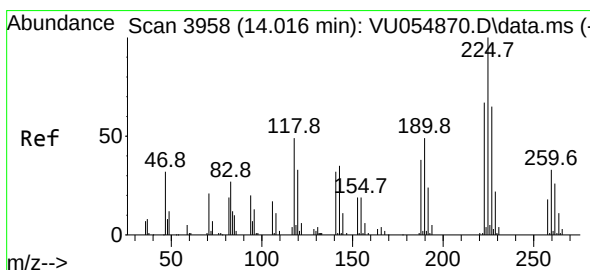
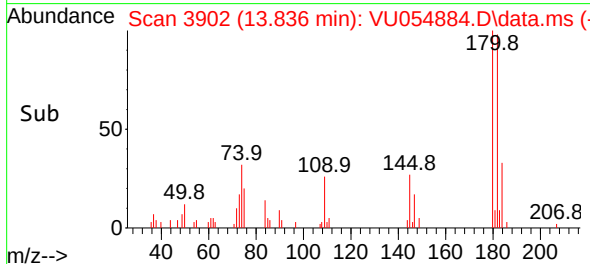
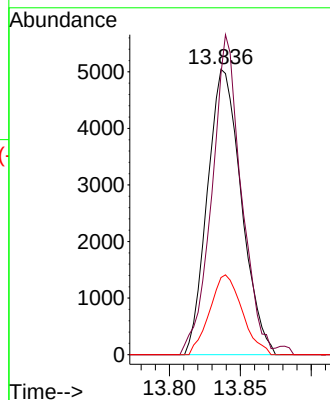
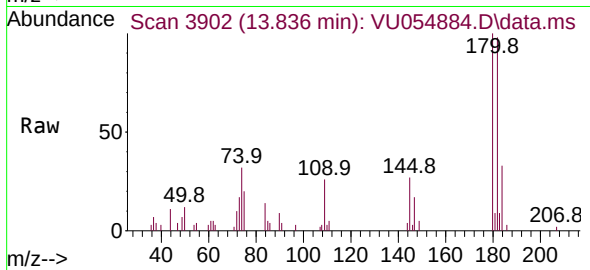
RL-CHECK

Tgt Ion:	180	Resp:	842
Ion Ratio	Lower	Upper	
180	100		
182	97.3	77.0	115.6
145	26.7	23.4	35.0

Manual Integrations

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Supervised By :Mahesh Dadoda 07/31/2023



#88

Hexachlorobutadiene

Concen: 0.866 ug/l

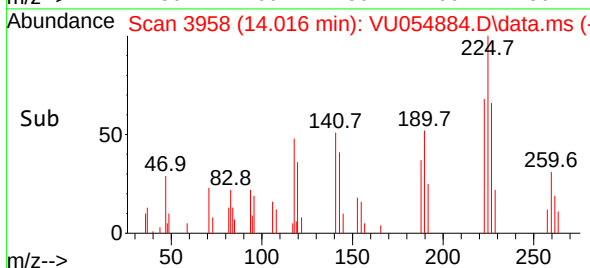
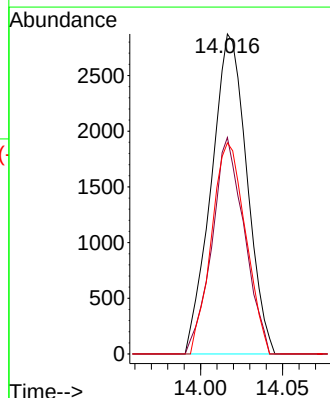
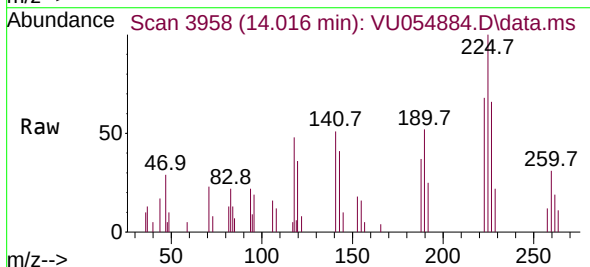
RT: 14.016 min Scan# 3958

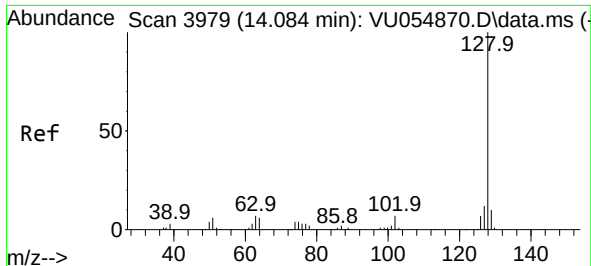
Delta R.T. 0.000 min

Lab File: VU054884.D

Acq: 26 Jul 2023 18:32

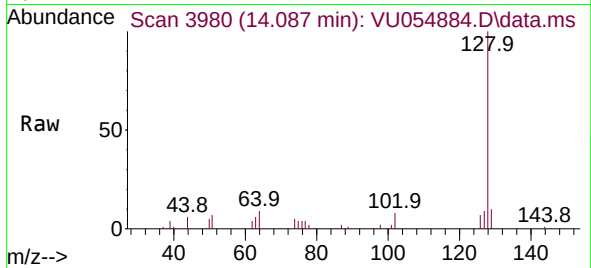
Tgt Ion:	225	Resp:	4323
Ion Ratio	Lower	Upper	
225	100		
223	61.6	50.6	76.0
227	63.3	50.7	76.1





#89
Naphthalene
Concen: 0.977 ug/l
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32

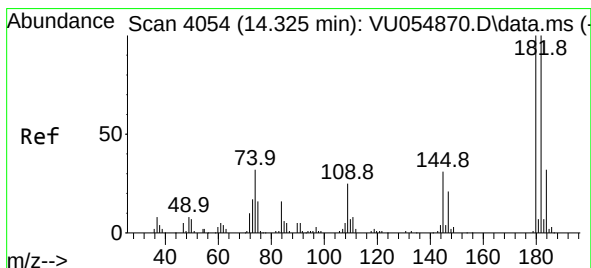
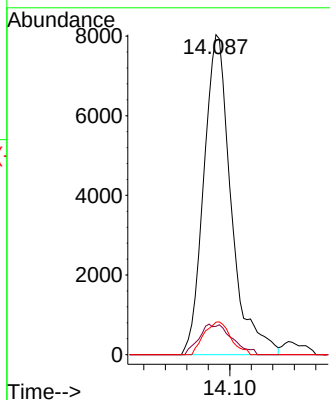
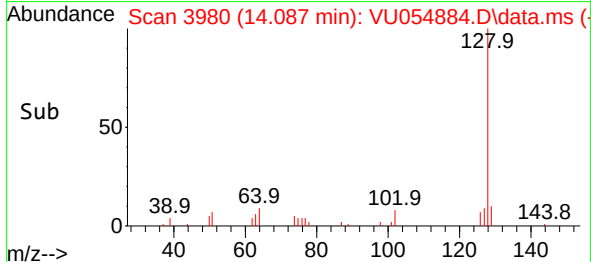
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



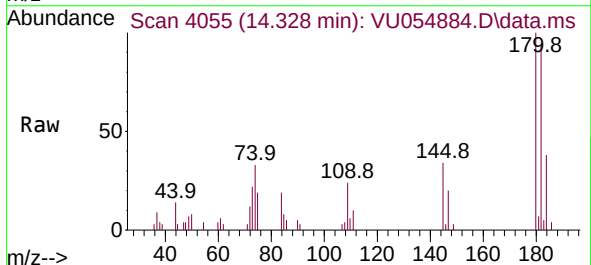
Tgt Ion:128 Resp: 1416
Ion Ratio Lower Upper
128 100
127 11.4 10.6 15.8
129 10.0 8.7 13.1

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 0.857 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054884.D
Acq: 26 Jul 2023 18:32



Tgt Ion:180 Resp: 7110
Ion Ratio Lower Upper
180 100
182 99.8 76.0 114.0
145 32.1 24.3 36.5

