

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
 Data File : VU054883.D
 Acq On : 26 Jul 2023 18:08
 Operator : MD/SY
 Sample : RL-CHECK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Manual Integrations
 APPROVED

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

Quant Time: Jul 28 05:23:43 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

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

Internal Standards						
1) Fluorobenzene	6.113	96	25152	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	8330	1.092	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	8533	0.990	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	2098	0.438	ug/l	99
3) Chloromethane	1.518	50	2969	0.552	ug/l	95
4) Vinyl Chloride	1.602	62	3390	0.472	ug/l	99
5) Bromomethane	1.856	94	3157	0.554	ug/l	94
6) Chloroethane	1.933	64	3155	0.425	ug/l	98
7) Trichlorofluoromethane	2.136	101	7382	0.437	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	2575	0.471	ug/l	95
9) 1,1-Dichloroethene	2.573	96	2244	0.517	ug/l	91
10) Iodomethane	2.718	142	2602	0.384	ug/l	98
11) Allyl Chloride	2.923	41	2454	0.473	ug/l	86
12) Acrylonitrile	3.354	53	1105m	1.014	ug/l	
13) Acetone	2.644	43	3311m	2.907	ug/l	
14) Carbon Disulfide	2.792	76	3841	0.511	ug/l #	93
15) Methylene Chloride	3.042	84	4388	0.744	ug/l	95
16) trans-1,2-Dichloroethene	3.351	96	2237	0.473	ug/l	82
17) 1,1-Dichloroethane	3.865	63	5101	0.482	ug/l #	87
18) 2-Butanone	4.743	43	3241m	2.256	ug/l	
19) Cyclohexane	5.386	56	3296	0.554	ug/l	98
20) Methylcyclohexane	6.756	83	3790	0.476	ug/l	96
21) 2,2-Dichloropropane	4.669	77	4278m	0.437	ug/l	
22) cis-1,2-Dichloroethene	4.672	96	3346	0.533	ug/l	92
23) Diethyl Ether	2.377	59	3056	0.477	ug/l	96
24) tert-Butyl Alcohol	3.232	59	2415m	4.052	ug/l	
25) Methyl tert-Butyl Ether	3.364	73	7578	0.564	ug/l	96
26) Bromochloromethane	4.975	128	1156	0.449	ug/l	79
27) Chloroform	5.084	83	5629	0.496	ug/l	99
28) 1,1,1-Trichloroethane	5.319	97	4794	0.489	ug/l	80
29) 1,1-Dichloropropene	5.528	75	3245	0.449	ug/l	98
30) Carbon Tetrachloride	5.525	117	3654	0.446	ug/l	85
31) Isopropyl Ether	3.997	45	7492	0.480	ug/l	94
32) Ethyl-t-butyl ether	4.489	59	7678	0.478	ug/l	97
33) Tert-Amyl methyl ether	5.939	73	7470	0.492	ug/l #	84
34) Propionitrile	4.824	54	895m	2.259	ug/l	
35) Benzene	5.769	78	10699	0.472	ug/l	95
36) 1,2-Dichloroethane	5.791	62	3571	0.554	ug/l #	73
37) Trichloroethene	6.541	130	2880	0.473	ug/l	89
38) 1,2-Dichloropropane	6.788	63	2779	0.434	ug/l	100
39) Methacrylonitrile	5.004	41	691m	0.435	ug/l	
40) Methyl acrylate	4.881	55	1088m	0.431	ug/l	
41) Tetrahydrofuran	5.062	42	861m	0.948	ug/l	
42) 1-Chlorobutane	5.457	56	4122	0.435	ug/l	97
43) Dibromomethane	6.917	93	1503	0.500	ug/l #	84
44) Bromodichloromethane	7.103	83	3976	0.474	ug/l #	91

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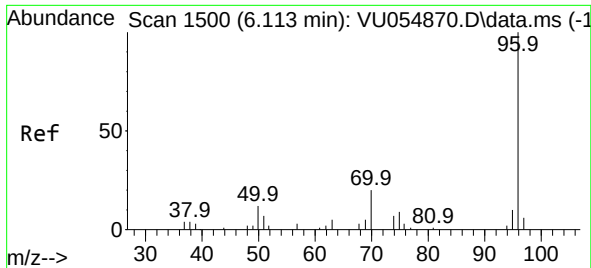
Quant Time: Jul 28 05:23:43 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	9398	2.678	ug/l	95
46) t-1,4-Dichloro-2-butene	10.830	75	1268m	0.898	ug/l	
47) Methyl methacrylate	6.965	69	2339	0.851	ug/l	97
48) Ethyl methacrylate	8.335	69	2550	0.458	ug/l	99
49) Toluene	7.968	92	6942	0.481	ug/l	96
50) t-1,3-Dichloropropene	8.216	75	3148	0.423	ug/l	91
51) cis-1,3-Dichloropropene	7.608	75	3660	0.400	ug/l #	86
52) 1,1,2-Trichloroethane	8.399	97	2444	0.513	ug/l #	77
53) 1,3-Dichloropropane	8.573	76	4131	0.536	ug/l	97
54) 2-Hexanone	8.692	43	5506	2.208	ug/l	92
55) Dibromochloromethane	8.811	129	2533	0.464	ug/l #	81
56) 1,2-Dibromoethane	8.926	107	1946	0.482	ug/l	99
58) Tetrachloroethene	8.550	164	2778	0.522	ug/l	88
59) Chlorobenzene	9.447	112	8952	0.511	ug/l	92
60) 1,1,1,2-Tetrachloroethane	9.531	131	2875	0.465	ug/l	93
61) Pentachloroethane	11.431	117	1921	0.398	ug/l	97
62) Hexachloroethane	12.470	117	1681	0.338	ug/l	87
63) Ethyl Benzene	9.569	91	13836	0.471	ug/l	98
64) m/p-Xylenes	9.692	106	10053	0.914	ug/l	98
65) o-Xylene	10.097	106	5308	0.470	ug/l	97
66) Styrene	10.116	104	7870	0.436	ug/l	92
67) Bromoform	10.286	173	1283	0.453	ug/l #	93
69) Isopropylbenzene	10.483	105	14564	0.480	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	2840	0.481	ug/l #	96
71) 1,2,3-Trichloropropane	10.823	75	2357m	0.561	ug/l	
72) Bromobenzene	10.785	156	3165	0.469	ug/l	97
73) n-propylbenzene	10.904	120	5353	0.660	ug/l	98
74) 2-Chlorotoluene	10.981	126	3136	0.446	ug/l	96
75) 1,3,5-Trimethylbenzene	11.087	105	10666	0.434	ug/l	100
76) 4-Chlorotoluene	11.097	126	3291	0.451	ug/l	93
77) tert-Butylbenzene	11.415	119	10254	0.402	ug/l	97
78) 1,2,4-Trimethylbenzene	11.466	105	11110	0.442	ug/l	98
79) sec-Butylbenzene	11.640	105	13310	0.401	ug/l	97
80) Nitrobenzene	13.225	77	230	1.483	ug/l #	39
81) p-Isopropyltoluene	11.791	119	10070	0.384	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	7376	0.513	ug/l	94
83) 1,4-Dichlorobenzene	11.836	146	7044	0.492	ug/l	98
84) n-Butylbenzene	12.206	91	8718	0.371	ug/l #	93
85) 1,2-Dichlorobenzene	12.209	146	6445	0.468	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	287m	0.366	ug/l	
87) 1,2,4-Trichlorobenzene	13.839	180	3755	0.427	ug/l #	84
88) Hexachlorobutadiene	14.019	225	2154	0.460	ug/l #	86
89) Naphthalene	14.093	128	6031	0.443	ug/l #	82
90) 1,2,3-Trichlorobenzene	14.328	180	3319	0.426	ug/l	99

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



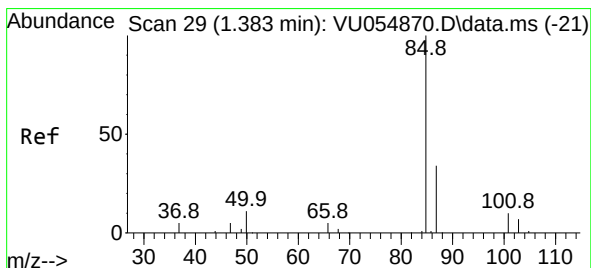
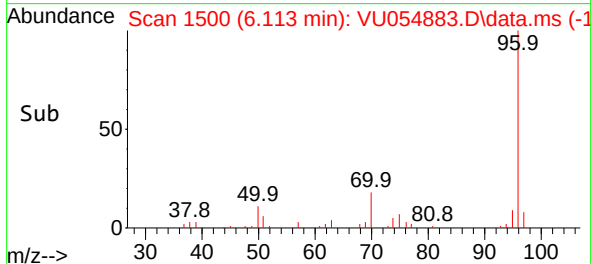
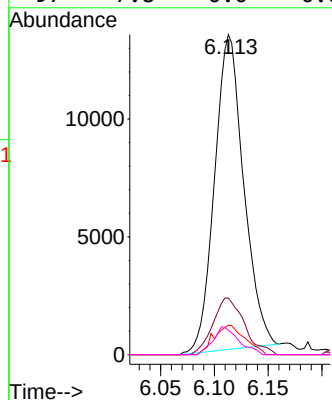
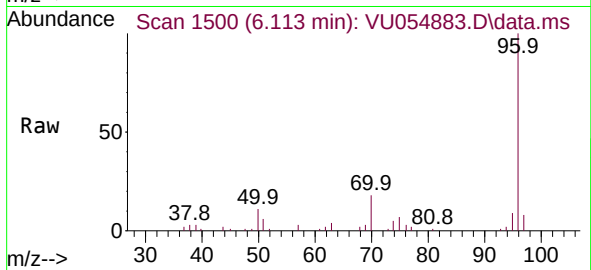
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 96 Resp: 2515
Ion Ratio Lower Upper
96 100
70 19.5 14.0 21.0
95 10.0 8.7 13.1
97 7.8 0.0 0.0#

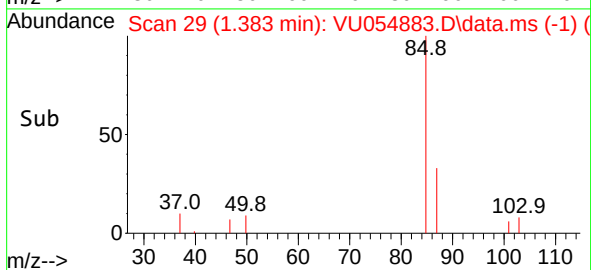
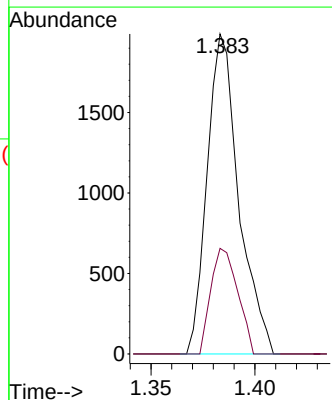
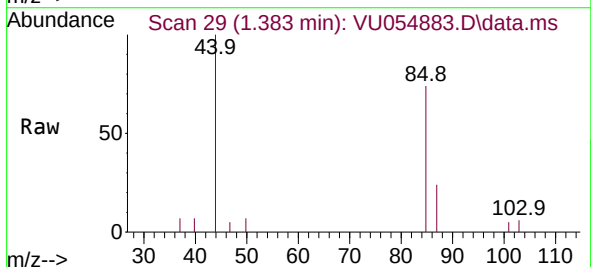
Manual Integrations
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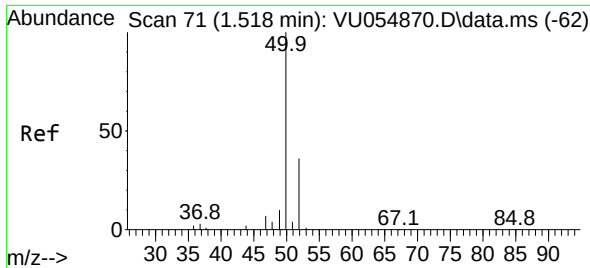
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 0.438 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

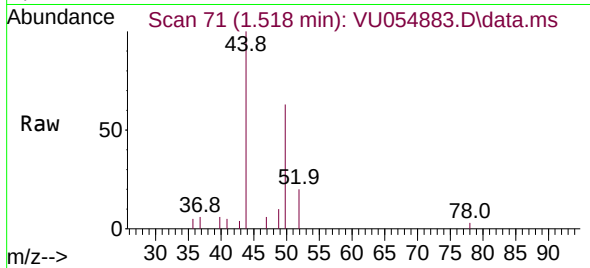
Tgt Ion: 85 Resp: 2098
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6





#3
Chloromethane
Concen: 0.552 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

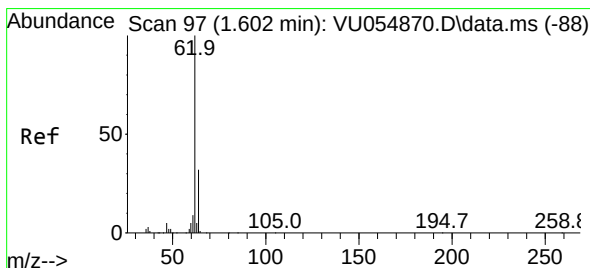
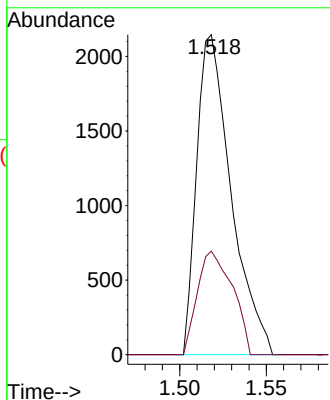
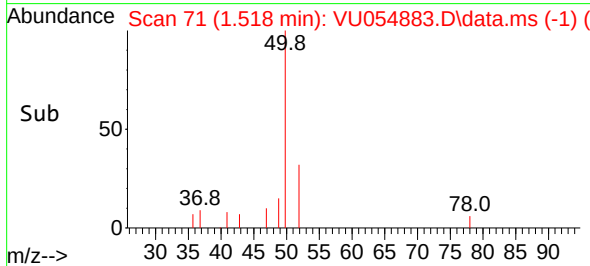
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 50 Resp: 2969
Ion Ratio Lower Upper
50 100
52 32.3 28.2 42.2

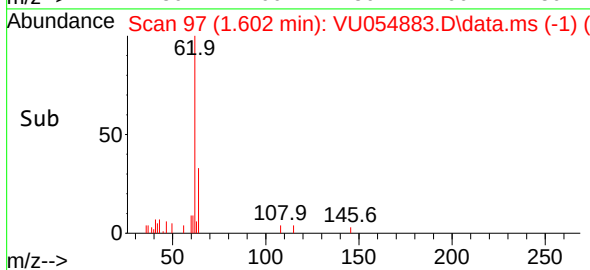
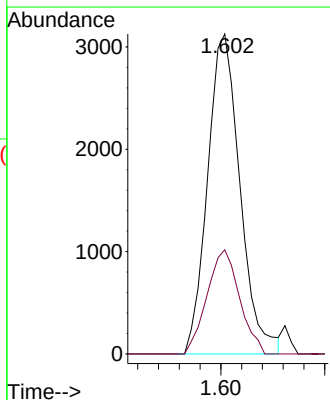
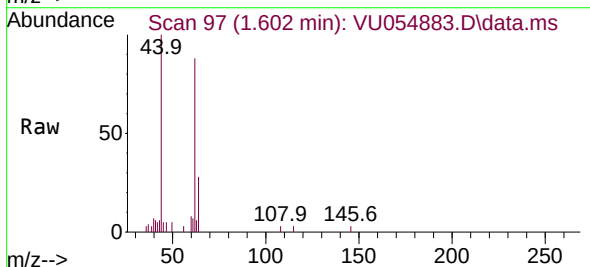
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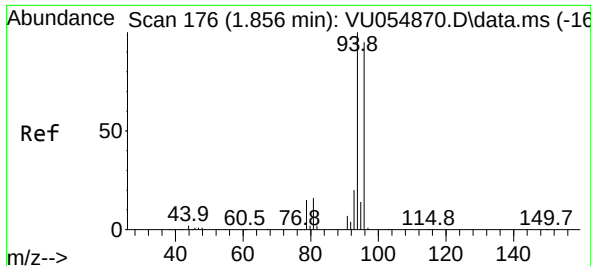
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 0.472 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

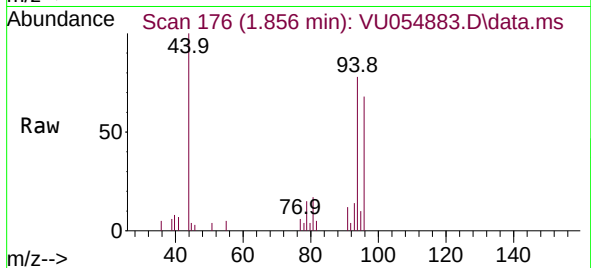
Tgt Ion: 62 Resp: 3390
Ion Ratio Lower Upper
62 100
64 32.5 26.4 39.6





#5
Bromomethane
Concen: 0.554 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

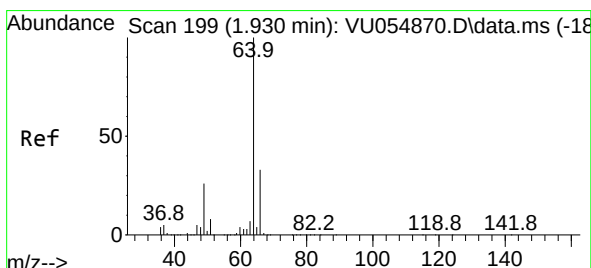
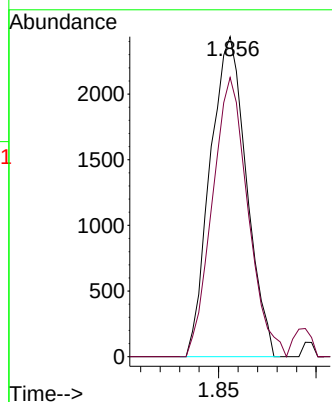
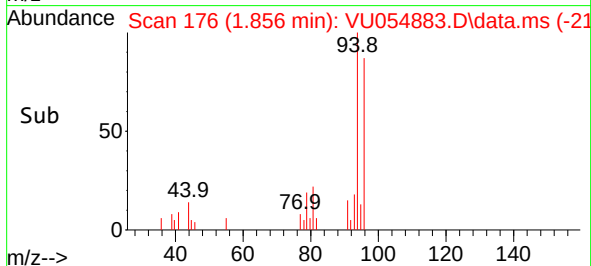
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 94 Resp: 315
Ion Ratio Lower Upper
94 100
96 87.2 74.6 111.8

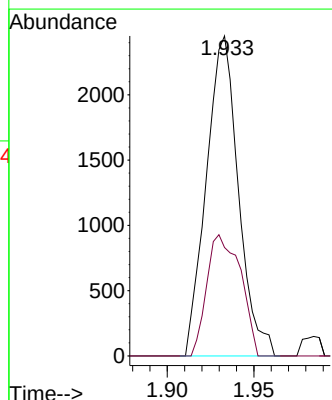
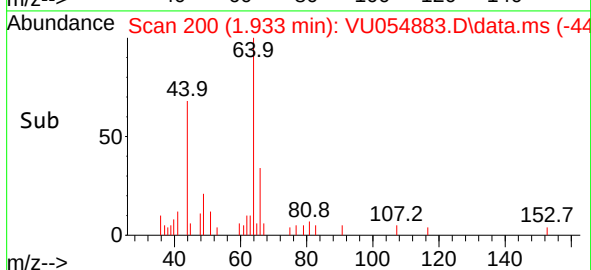
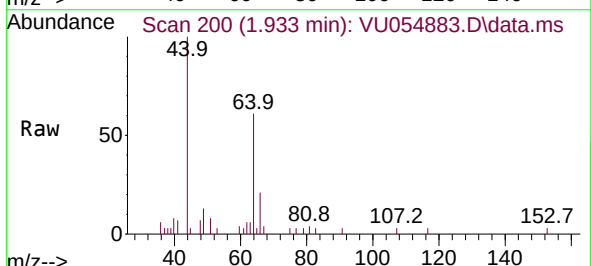
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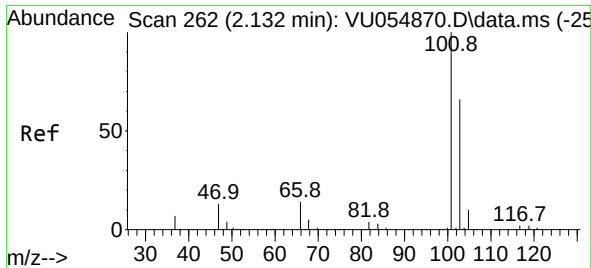
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 0.425 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

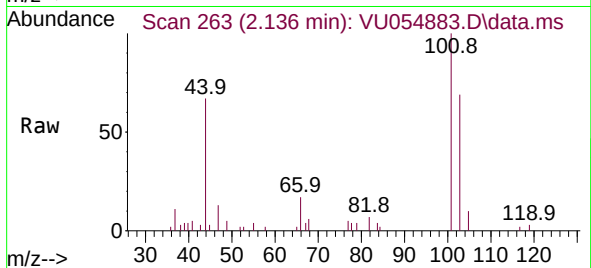
Tgt Ion: 64 Resp: 3155
Ion Ratio Lower Upper
64 100
66 33.9 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 0.437 ug/l
 RT: 2.136 min Scan# 201
 Delta R.T. 0.003 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

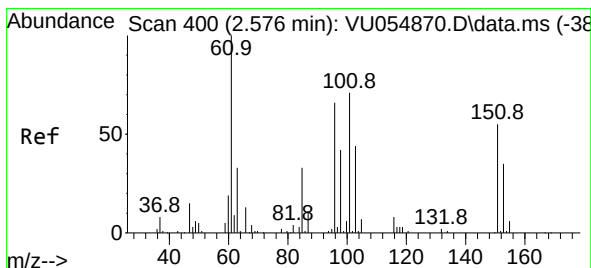
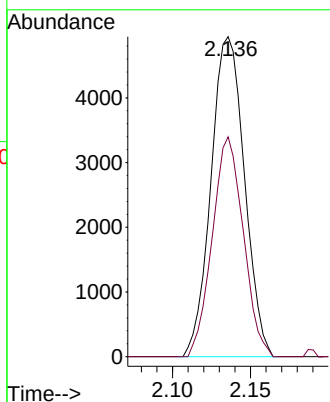
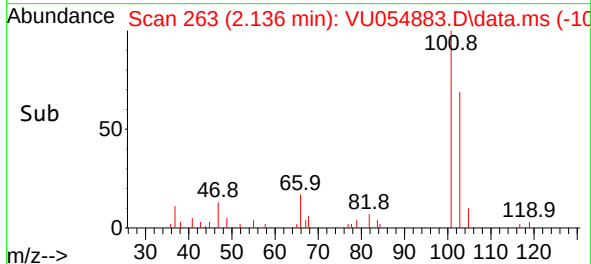
Instrument :
 MSVOA_U
 ClientSampleId :
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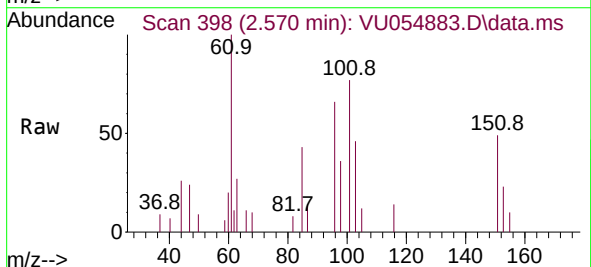
Tgt Ion:101 Resp: 738
 Ion Ratio Lower Upper
 101 100
 103 68.7 52.9 79.3

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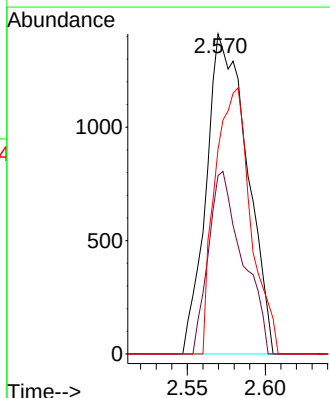
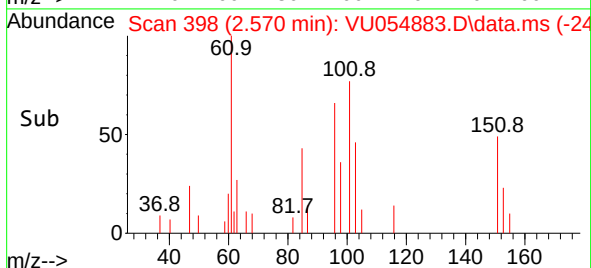
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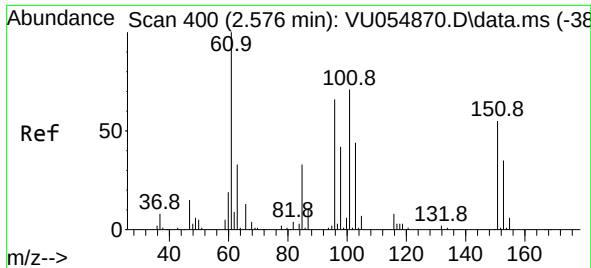


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.471 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.006 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08



Tgt Ion:101 Resp: 2575
 Ion Ratio Lower Upper
 101 100
 85 47.7 34.8 52.2
 151 72.5 60.5 90.7





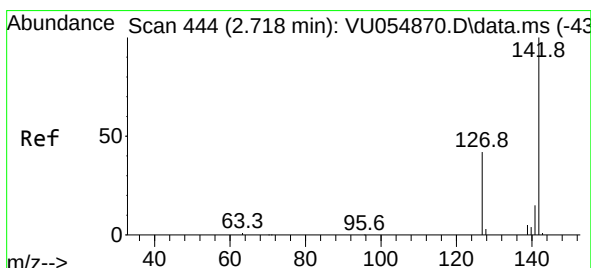
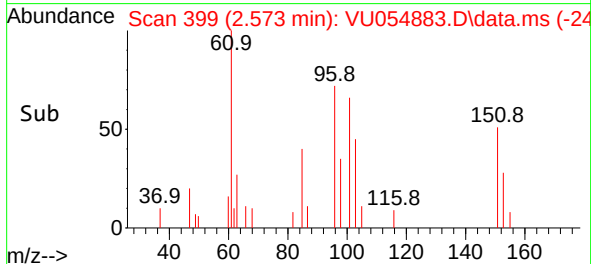
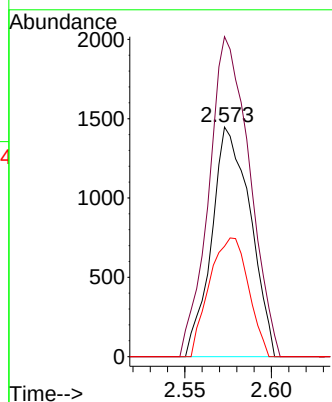
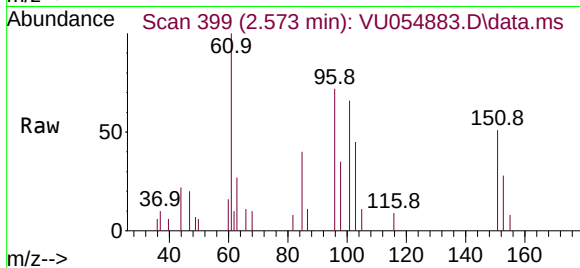
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1,1-Dichloroethene
Concen: 0.517 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 96 Resp: 224
Ion Ratio Lower Upper
96 100
61 139.4 0.0 440.1
98 48.1 0.0 121.8

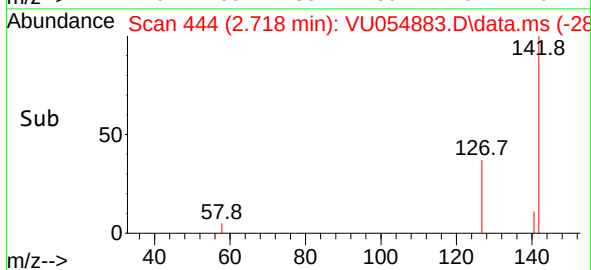
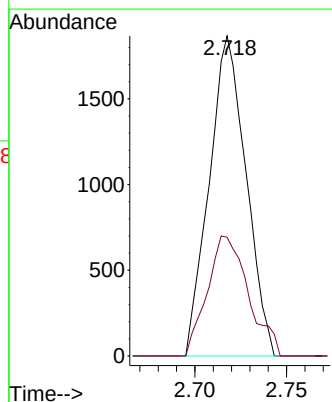
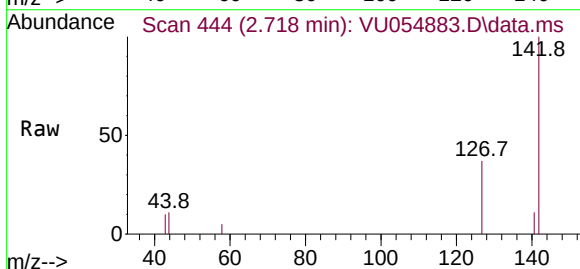
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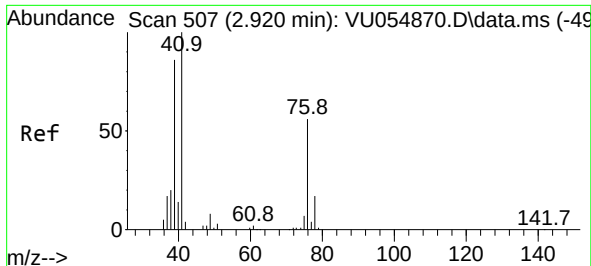
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Iodomethane
Concen: 0.384 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

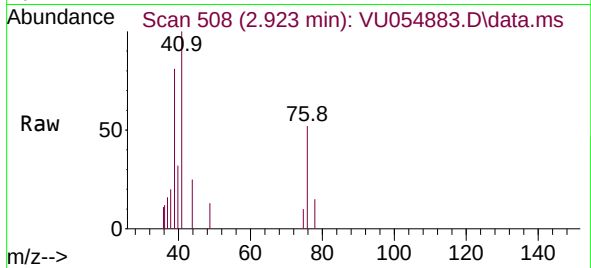
Tgt Ion:142 Resp: 2602
Ion Ratio Lower Upper
142 100
127 41.8 34.3 51.5





#11
 Allyl Chloride
 Concen: 0.473 ug/l
 RT: 2.923 min Scan# 507
 Delta R.T. 0.003 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

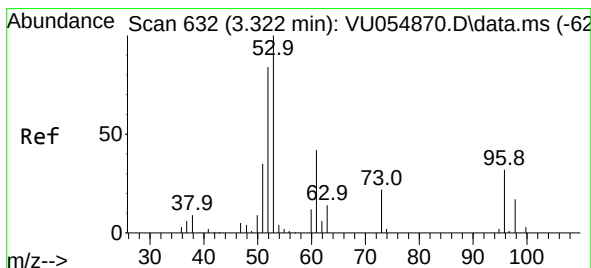
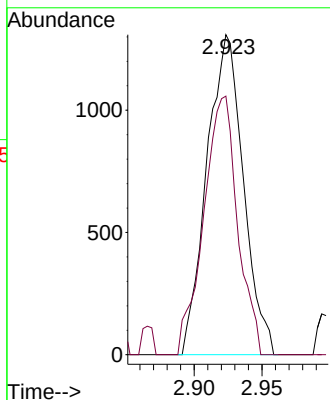
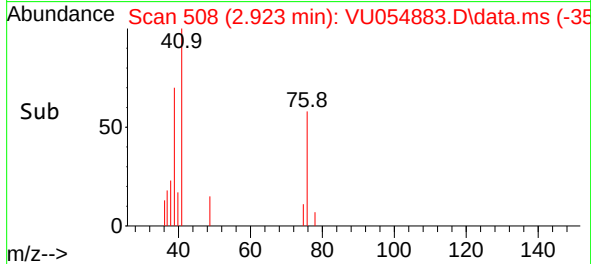
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



Tgt Ion: 41 Resp: 2454
 Ion Ratio Lower Upper
 41 100
 39 74.9 70.2 105.2

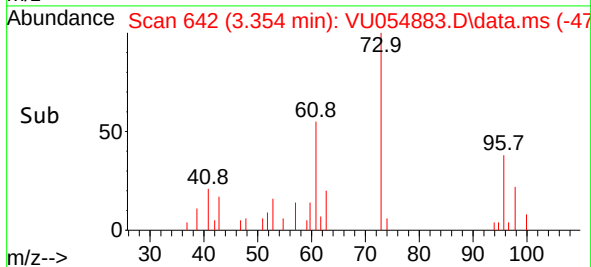
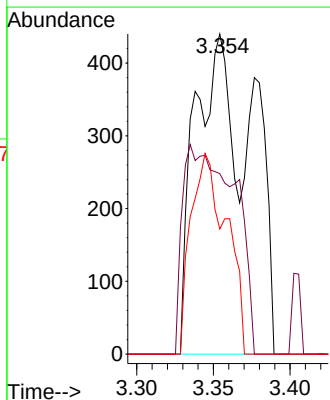
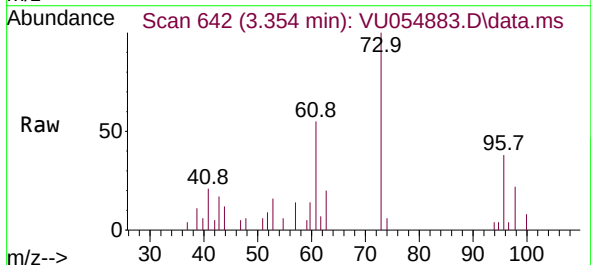
Manual Integrations
 APPROVED

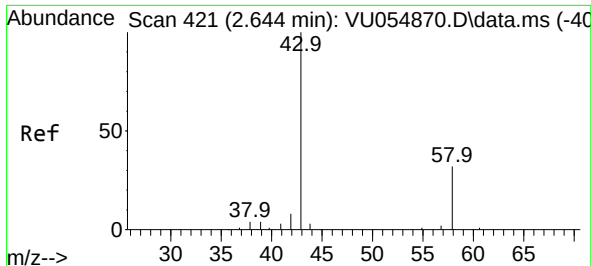
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#12
 Acrylonitrile
 Concen: 1.014 ug/l m
 RT: 3.354 min Scan# 642
 Delta R.T. 0.032 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

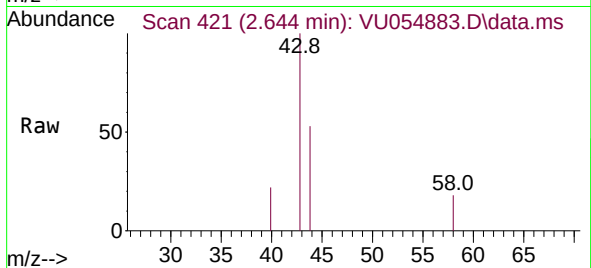
Tgt Ion: 53 Resp: 1105
 Ion Ratio Lower Upper
 53 100
 52 61.4 64.2 96.4#
 51 0.0 33.6 50.4#





#13
Acetone
Concen: 2.907 ug/l m
RT: 2.644 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

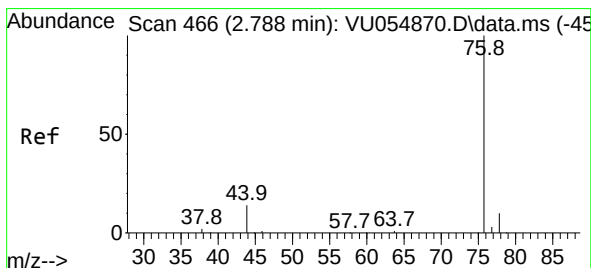
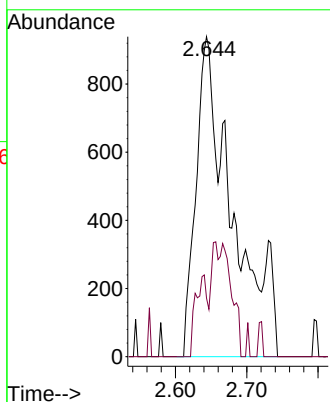
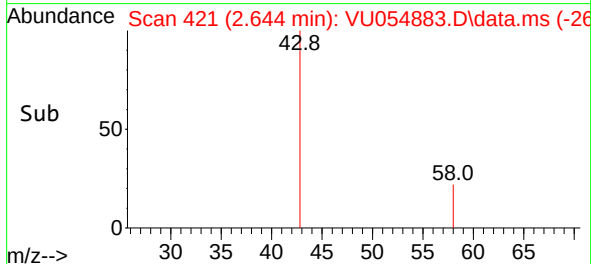
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



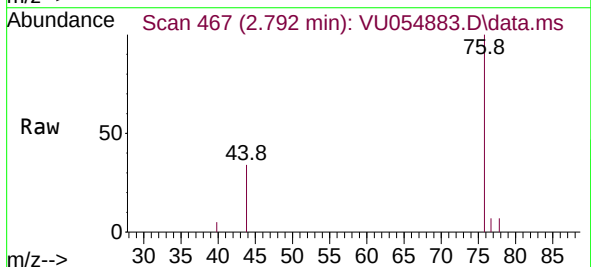
Tgt Ion: 43 Resp: 331
Ion Ratio Lower Upper
43 100
58 18.3 30.7 46.1

Manual Integrations
APPROVED

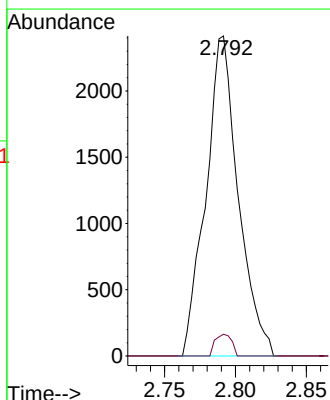
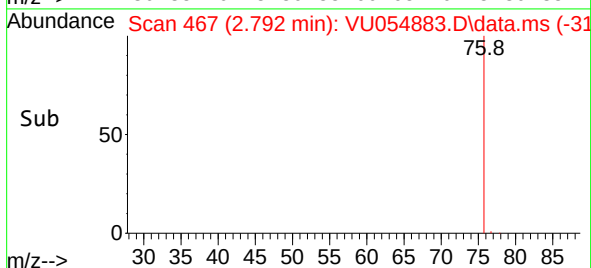
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

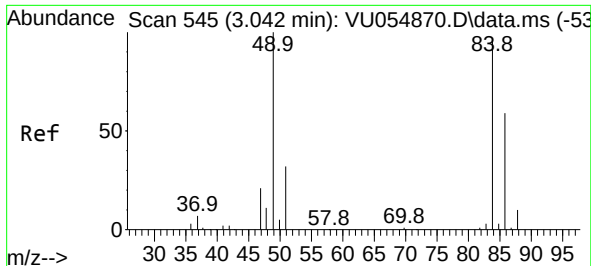


#14
Carbon Disulfide
Concen: 0.511 ug/l
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08



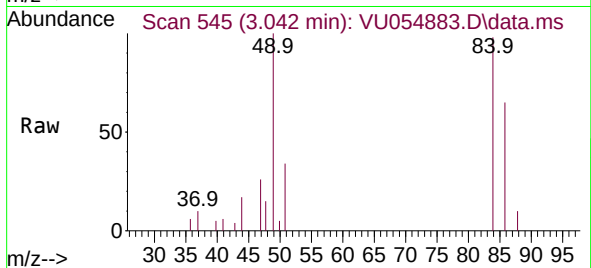
Tgt Ion: 76 Resp: 3841
Ion Ratio Lower Upper
76 100
78 6.4 7.1 10.7





#15
Methylene Chloride
Concen: 0.744 ug/l
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

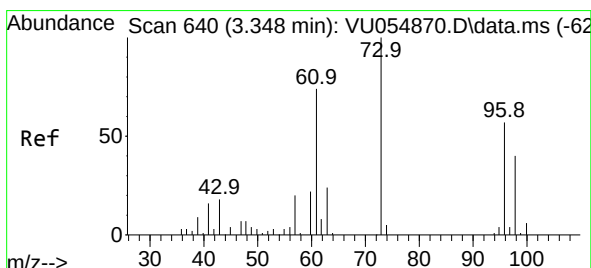
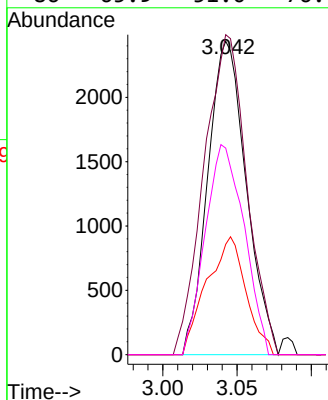
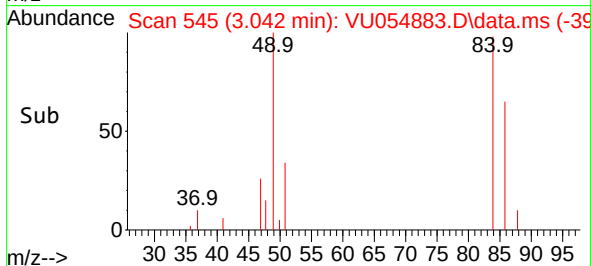
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 84 Resp: 438
Ion Ratio Lower Upper
84 100
49 102.1 87.8 131.6
51 35.2 0.0 68.2
86 65.9 51.0 76.4

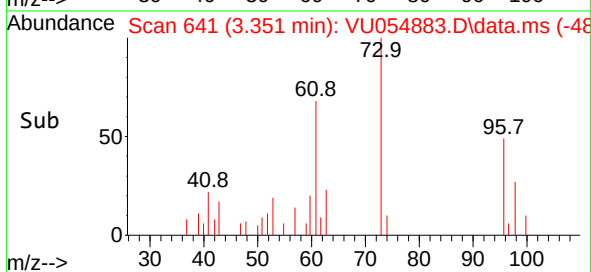
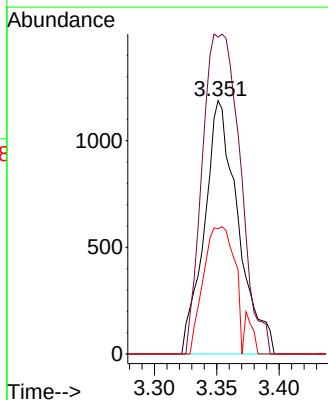
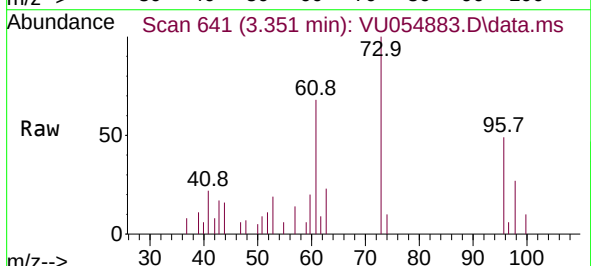
Manual Integrations
APPROVED

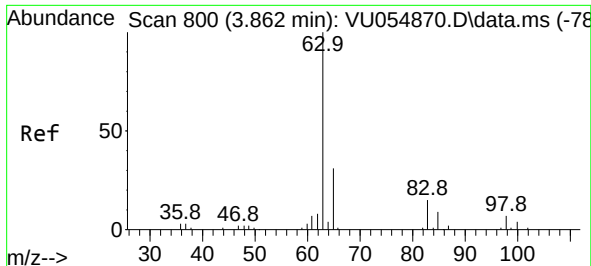
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
trans-1,2-Dichloroethene
Concen: 0.473 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

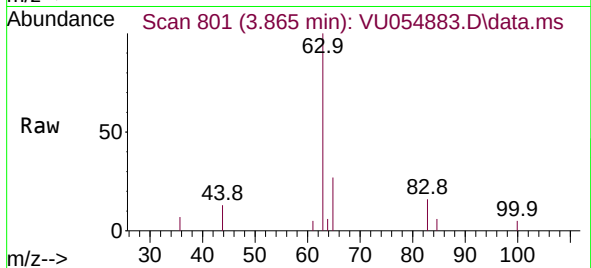
Tgt Ion: 96 Resp: 2237
Ion Ratio Lower Upper
96 100
61 141.7 96.4 144.6
98 49.5 49.3 73.9





#17
 1,1-Dichloroethane
 Concen: 0.482 ug/l
 RT: 3.865 min Scan# 800
 Delta R.T. 0.003 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

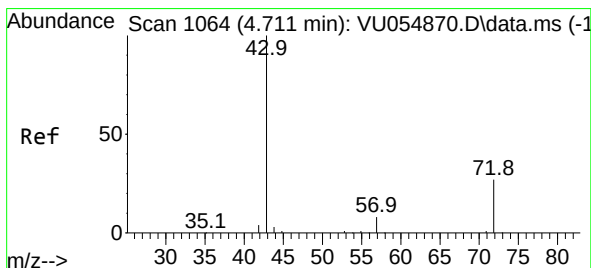
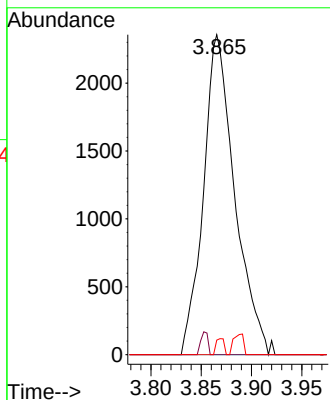
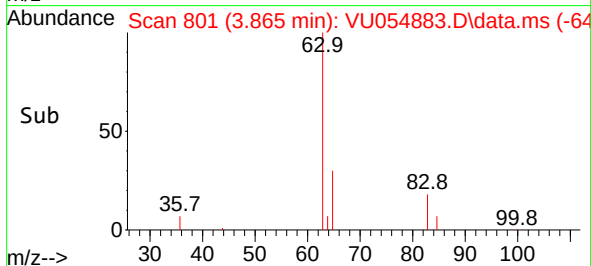
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



Tgt Ion: 63 Resp: 510
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8
 100 4.5 2.8 8.4

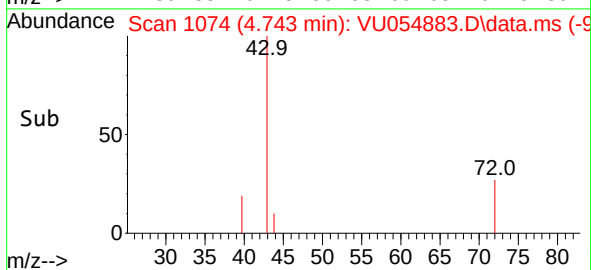
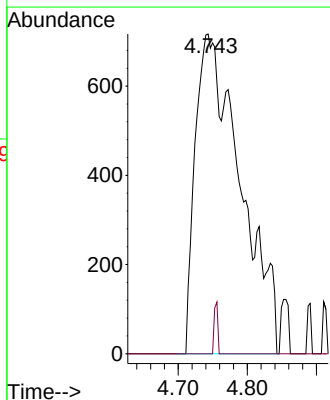
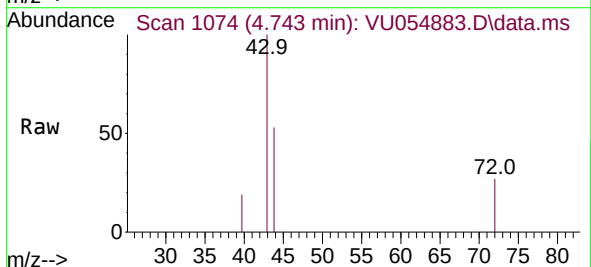
Manual Integrations
 APPROVED

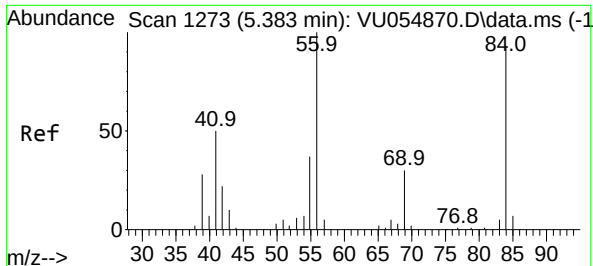
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#18
 2-Butanone
 Concen: 2.256 ug/l m
 RT: 4.743 min Scan# 1074
 Delta R.T. 0.032 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

Tgt Ion: 43 Resp: 3241
 Ion Ratio Lower Upper
 43 100
 57 0.0 0.0 20.8





#19

Cyclohexane

Concen: 0.554 ug/l

RT: 5.386 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

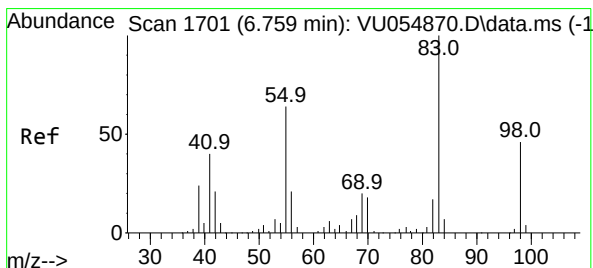
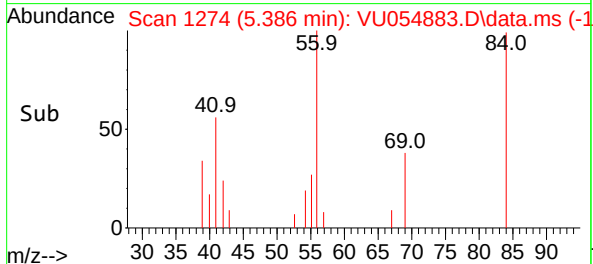
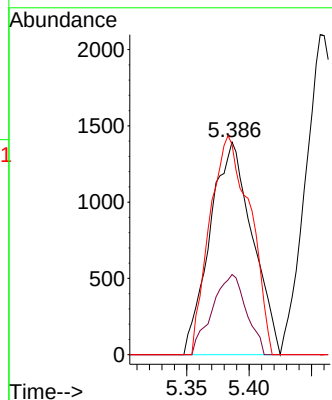
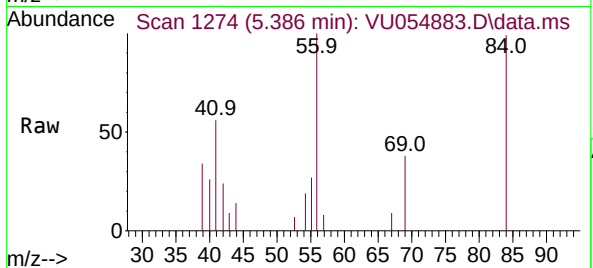
RL-CHECK

Tgt Ion:	56	Resp:	3290
Ion Ratio	Lower	Upper	
56	100		
69	30.3	24.7	37.1
84	98.1	76.5	114.7

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 0.476 ug/l

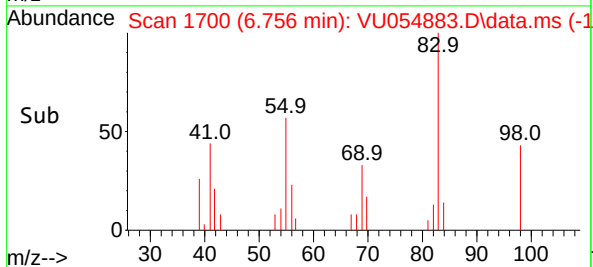
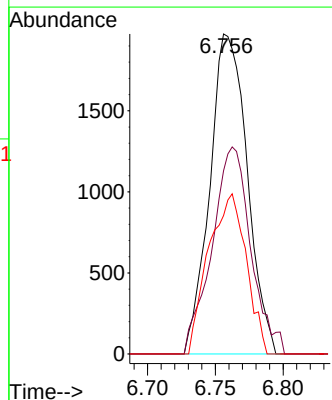
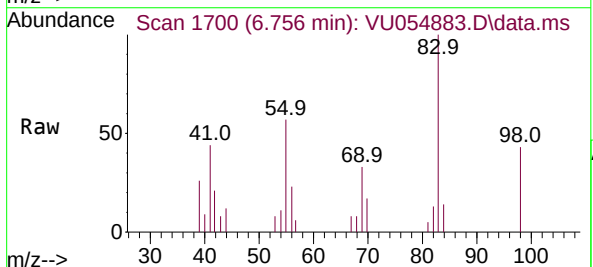
RT: 6.756 min Scan# 1700

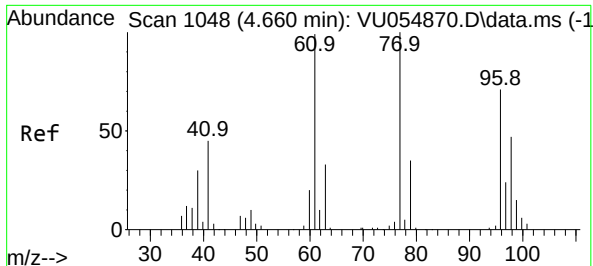
Delta R.T. -0.003 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Tgt Ion:	83	Resp:	3790
Ion Ratio	Lower	Upper	
83	100		
55	67.2	51.6	77.4
98	50.5	38.2	57.2





#21

2,2-Dichloropropane

Concen: 0.437 ug/l m

RT: 4.669 min Scan# 1051

Delta R.T. 0.010 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 77 Resp: 4278

Ion Ratio Lower Upper

77 100

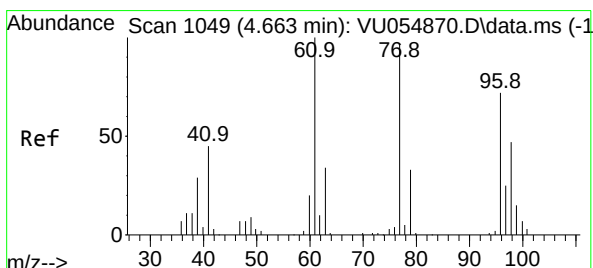
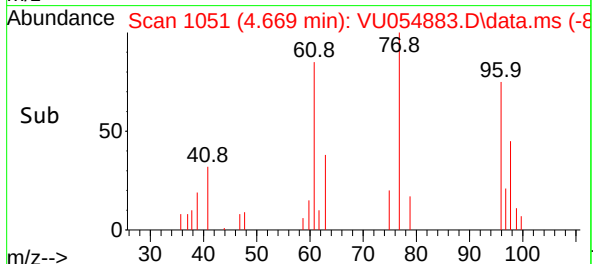
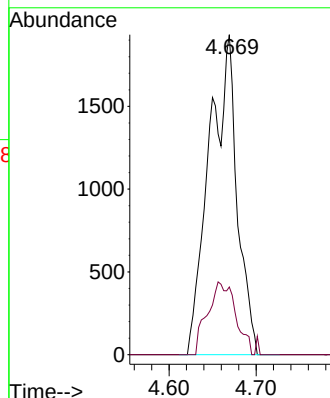
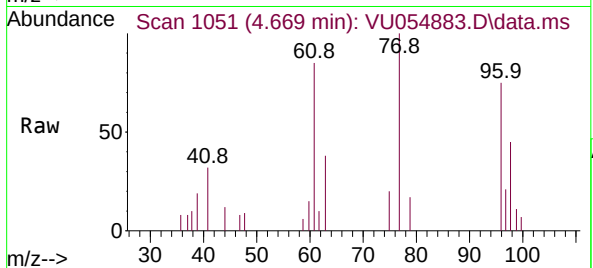
97 23.0 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#22

cis-1,2-Dichloroethene

Concen: 0.533 ug/l

RT: 4.672 min Scan# 1052

Delta R.T. 0.010 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

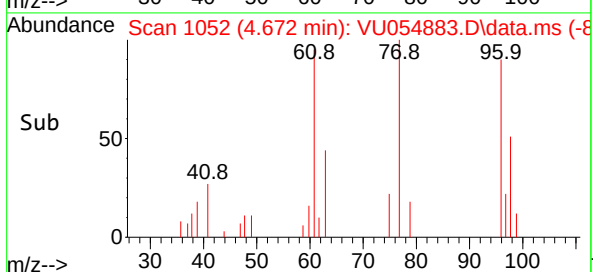
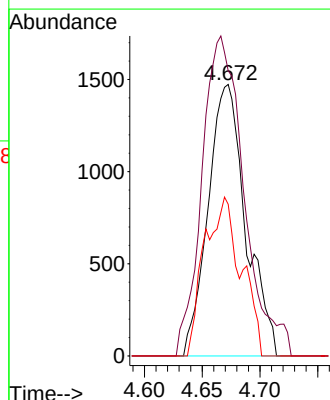
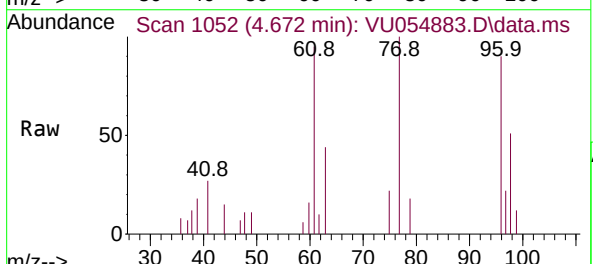
Tgt Ion: 96 Resp: 3346

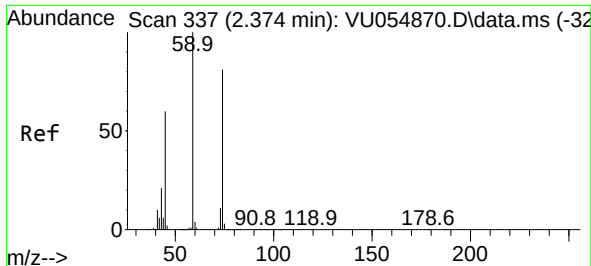
Ion Ratio Lower Upper

96 100

61 131.4 0.0 332.0

98 46.6 32.5 97.5





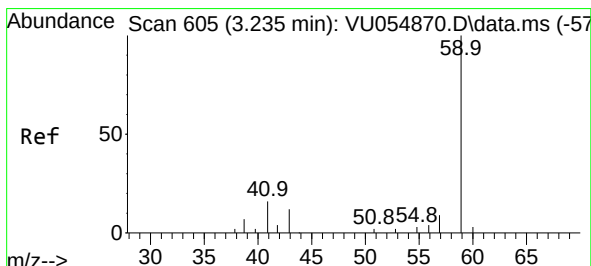
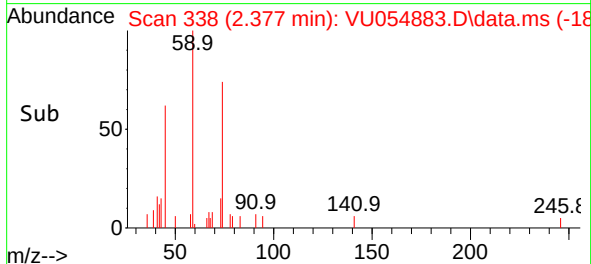
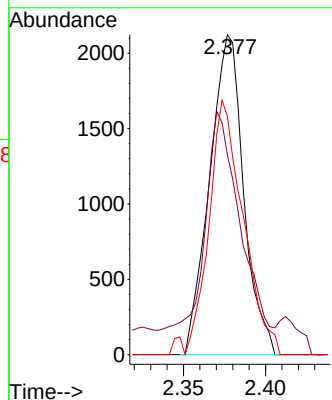
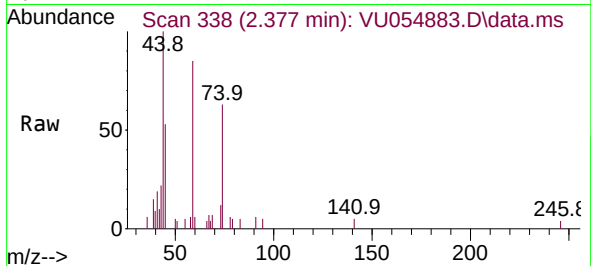
#23
Diethyl Ether
Concen: 0.477 ug/l
RT: 2.377 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 59 Resp: 3050
Ion Ratio Lower Upper
59 100
45 70.0 51.4 77.0
74 79.7 63.1 94.7

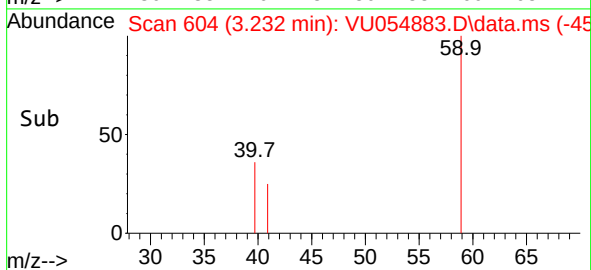
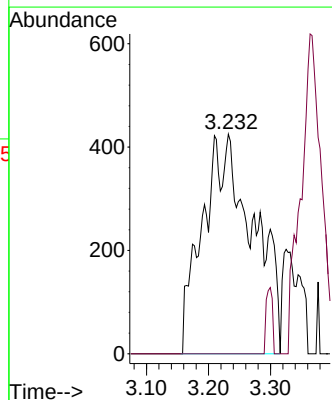
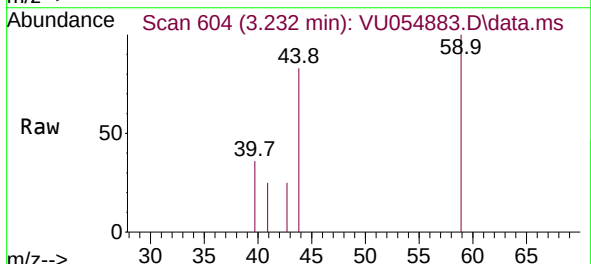
Manual Integrations
APPROVED

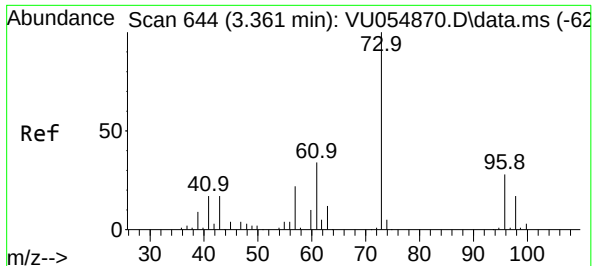
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
tert-Butyl Alcohol
Concen: 4.052 ug/l m
RT: 3.232 min Scan# 604
Delta R.T. -0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

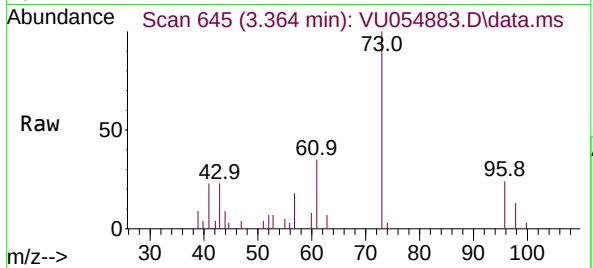
Tgt Ion: 59 Resp: 2415
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#





#25
Methyl tert-Butyl Ether
Concen: 0.564 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

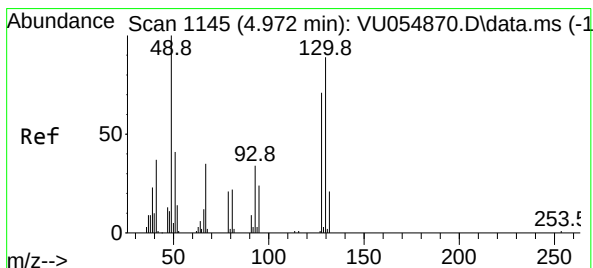
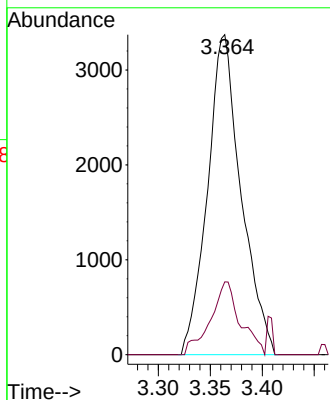
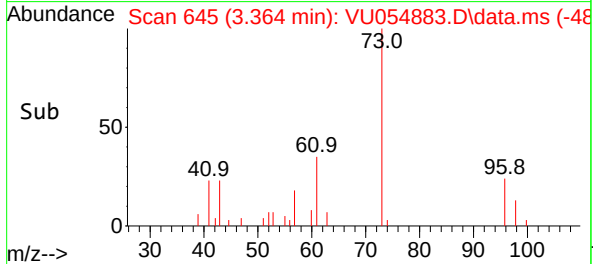
Instrument :
MSVOA_U
Client SampleId :
RL-CHECK



Tgt Ion: 73 Resp: 7578
Ion Ratio Lower Upper
73 100
43 20.2 14.6 22.0

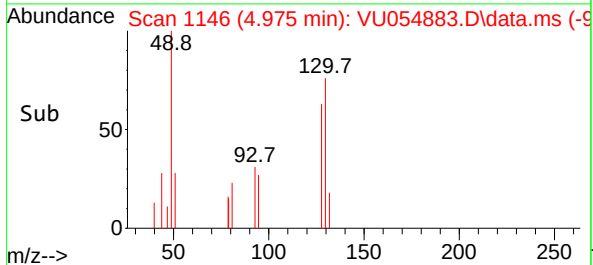
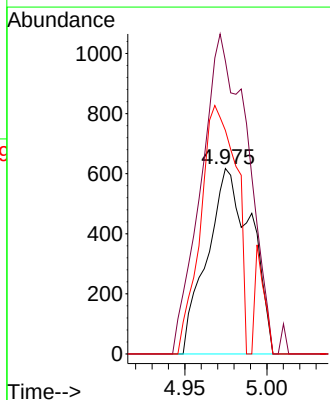
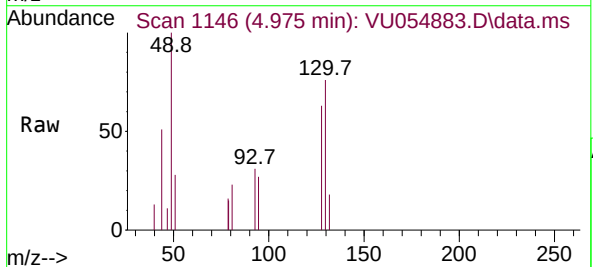
Manual Integrations
APPROVED

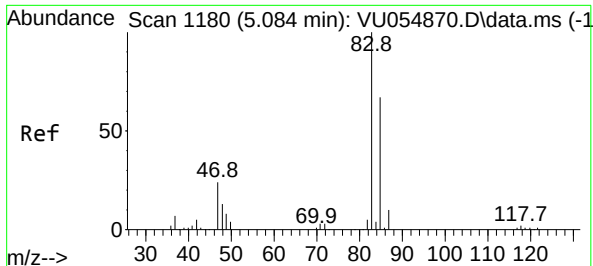
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Bromochloromethane
Concen: 0.449 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:128 Resp: 1156
Ion Ratio Lower Upper
128 100
49 181.1 0.0 304.0
130 108.8 104.3 156.5





#27

Chloroform

Concen: 0.496 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 83 Resp: 5629

Ion Ratio Lower Upper

83 100

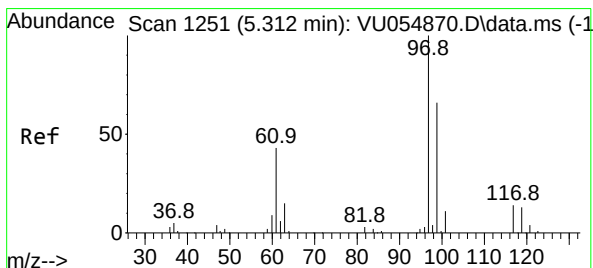
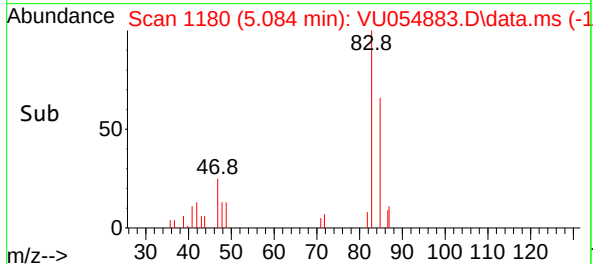
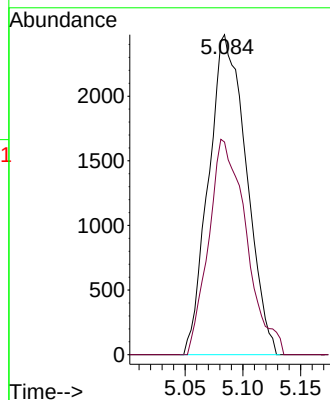
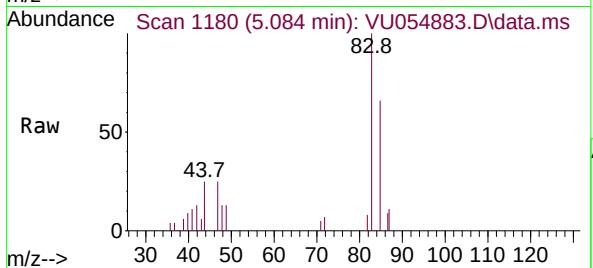
85 66.4 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

1,1,1-Trichloroethane

Concen: 0.489 ug/l

RT: 5.319 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

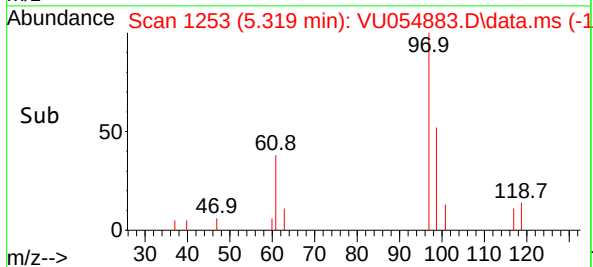
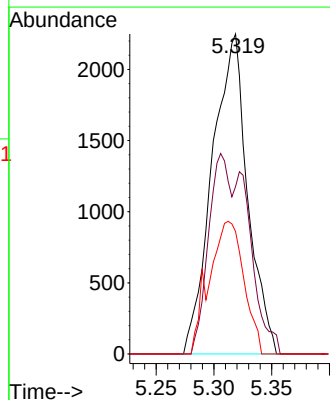
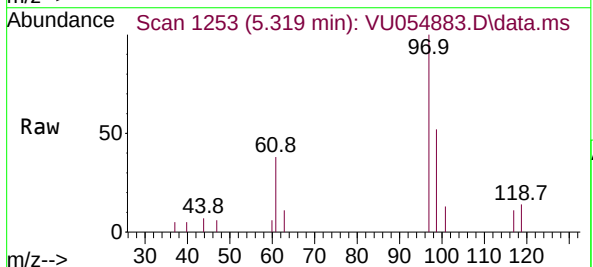
Tgt Ion: 97 Resp: 4794

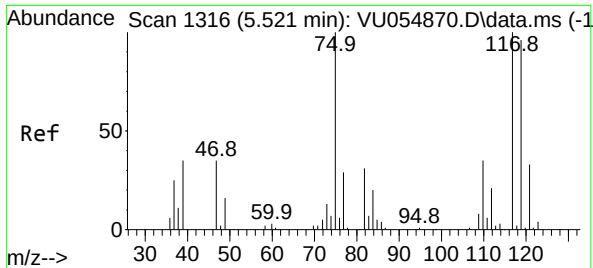
Ion Ratio Lower Upper

97 100

99 39.6 32.0 96.2

61 40.5 21.0 63.0





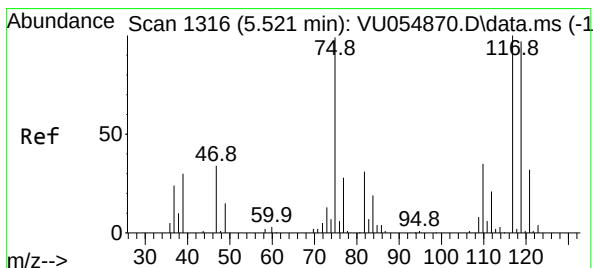
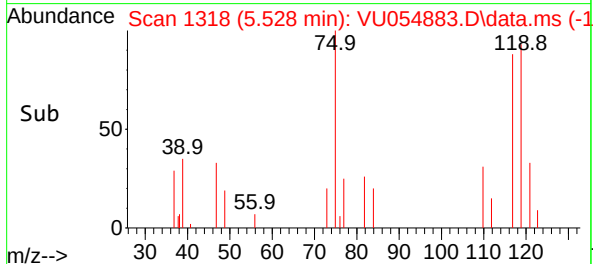
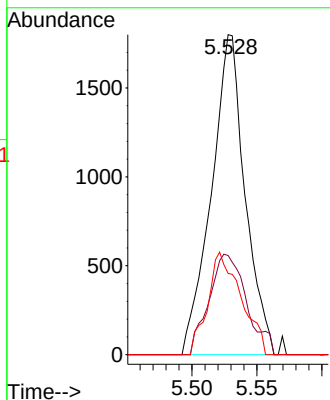
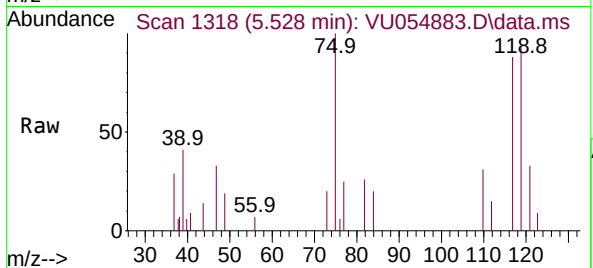
#29
1,1-Dichloropropene
Concen: 0.449 ug/l
RT: 5.528 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 75 Resp: 3249
Ion Ratio Lower Upper
75 100
110 35.0 18.5 55.5
77 31.7 24.9 37.3

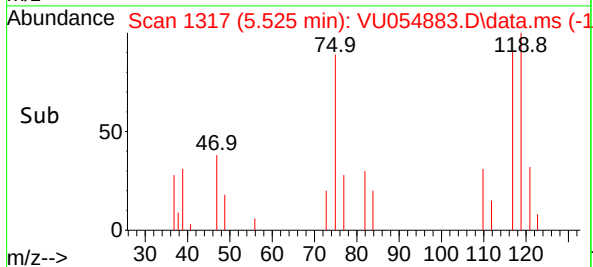
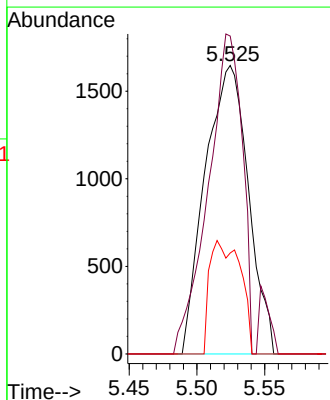
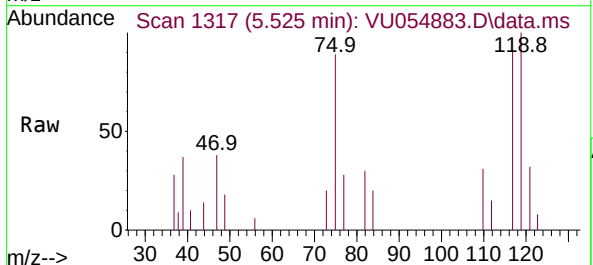
Manual Integrations
APPROVED

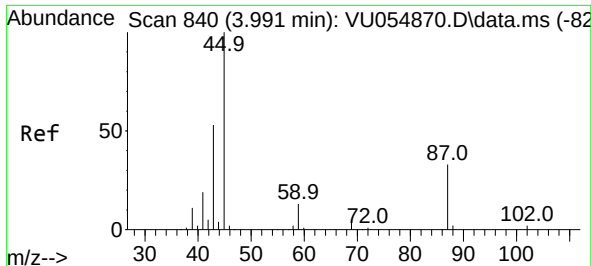
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#30
Carbon Tetrachloride
Concen: 0.446 ug/l
RT: 5.525 min Scan# 1317
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:117 Resp: 3654
Ion Ratio Lower Upper
117 100
119 110.2 75.6 113.4
121 35.0 23.4 35.0





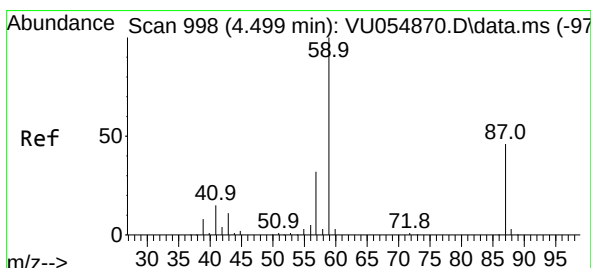
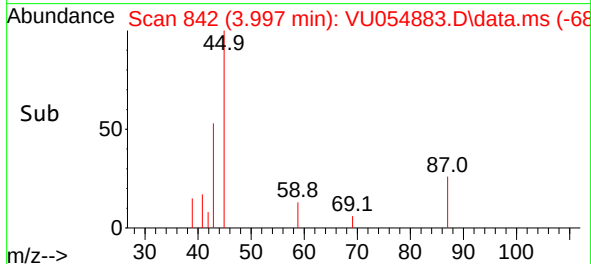
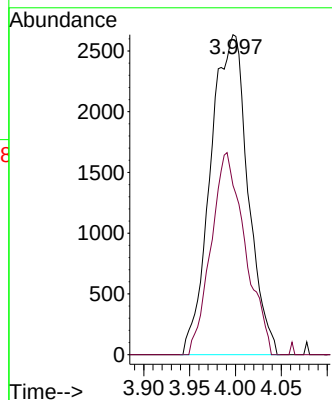
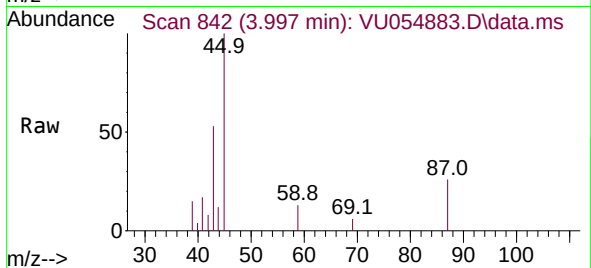
#31
Isopropyl Ether
Concen: 0.480 ug/l
RT: 3.997 min Scan# 840
Delta R.T. 0.006 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 45 Resp: 7492
Ion Ratio Lower Upper
45 100
43 57.2 26.4 79.2

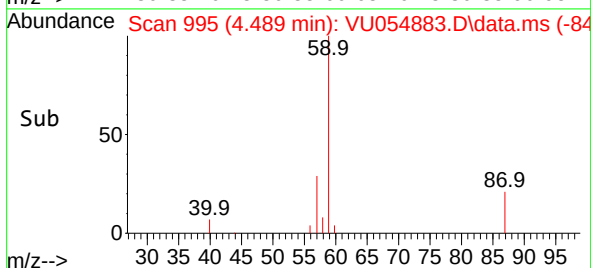
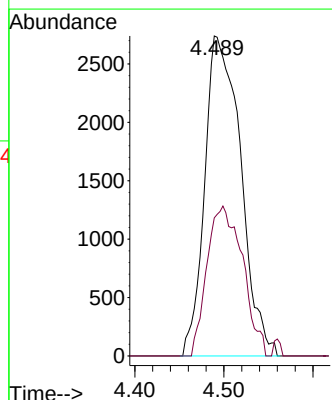
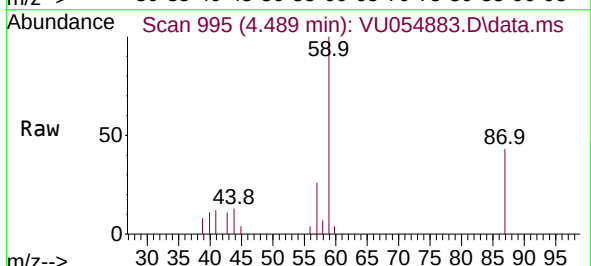
Manual Integrations
APPROVED

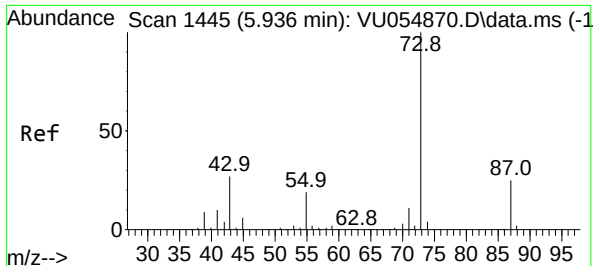
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
Ethyl-t-butyl ether
Concen: 0.478 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.010 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 59 Resp: 7678
Ion Ratio Lower Upper
59 100
87 46.4 35.7 53.5





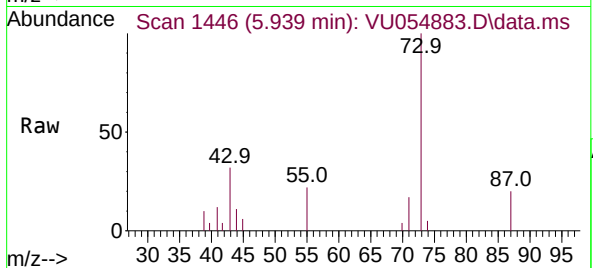
#33
Tert-Amyl methyl ether
Concen: 0.492 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

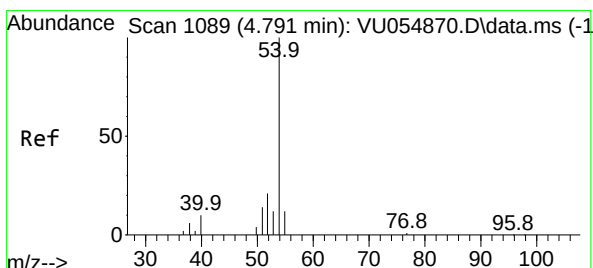
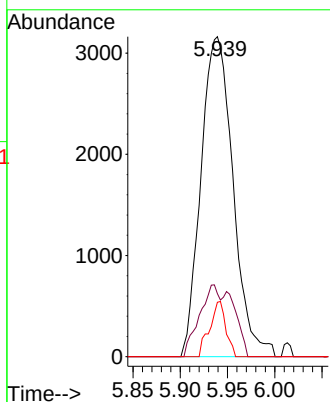
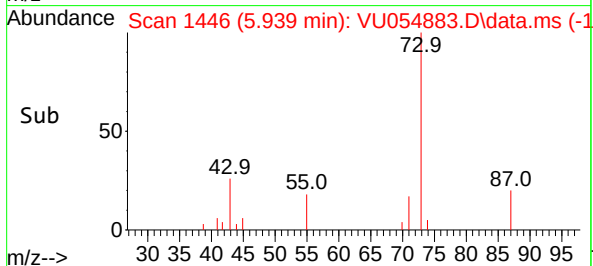


Tgt Ion: 73 Resp: 7470
Ion Ratio Lower Upper
73 100
87 14.2 19.6 29.4#
71 8.6 9.1 13.7#

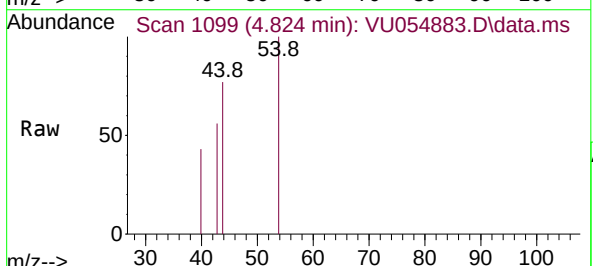
Manual Integrations

APPROVED

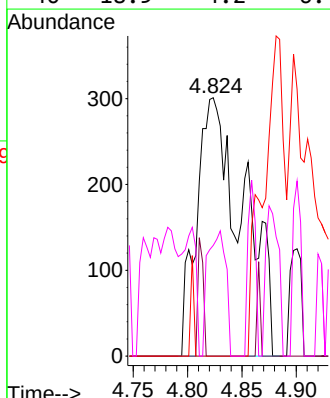
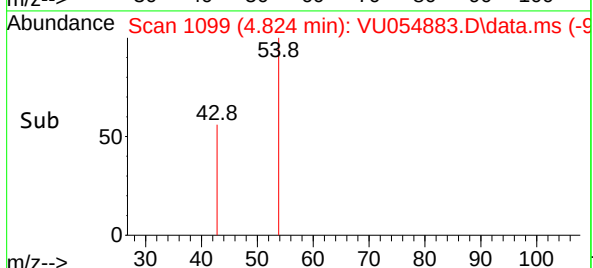
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

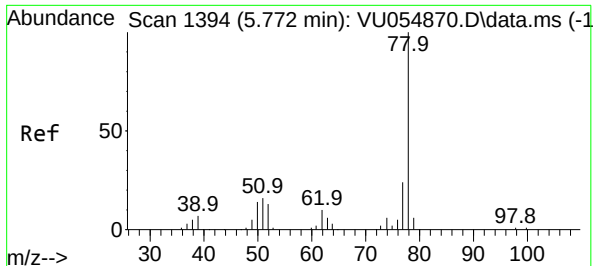


#34
Propionitrile
Concen: 2.259 ug/l m
RT: 4.824 min Scan# 1099
Delta R.T. 0.032 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08



Tgt Ion: 54 Resp: 895
Ion Ratio Lower Upper
54 100
52 5.4 13.8 20.8#
55 2.6 4.8 7.2#
40 18.9 4.2 6.4#





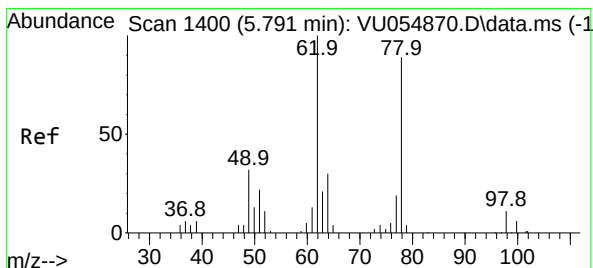
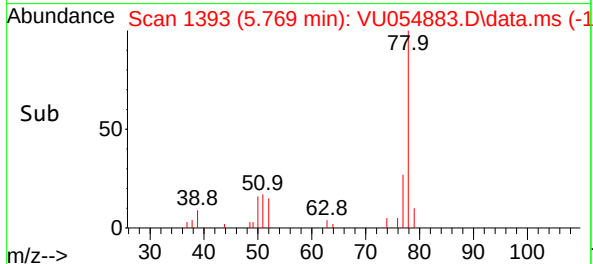
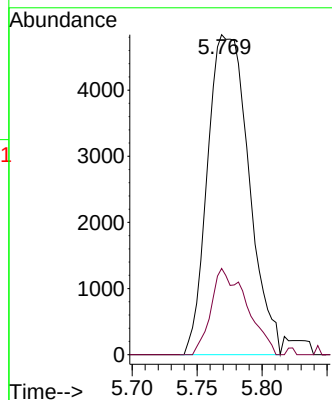
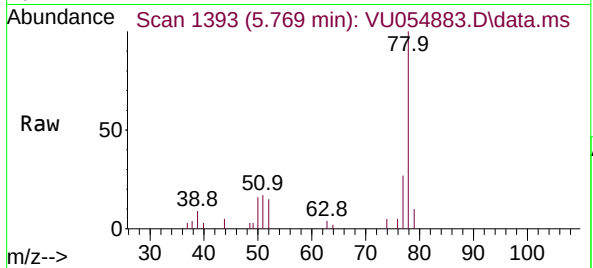
#35
Benzene
Concen: 0.472 ug/l
RT: 5.769 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 78 Resp: 1069
Ion Ratio Lower Upper
78 100
77 27.0 19.4 29.2

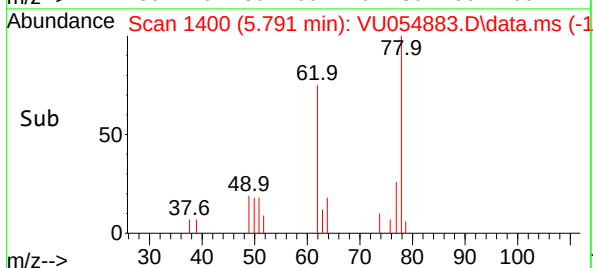
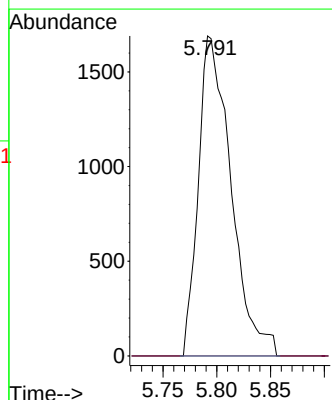
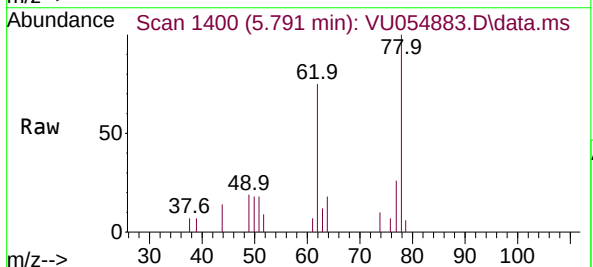
Manual Integrations
APPROVED

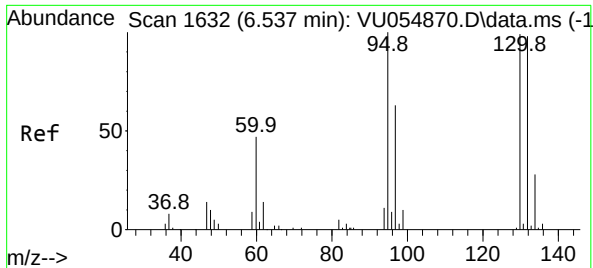
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,2-Dichloroethane
Concen: 0.554 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 62 Resp: 3571
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#





#37
Trichloroethene
Concen: 0.473 ug/l
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

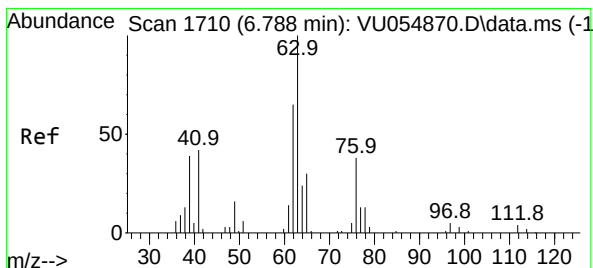
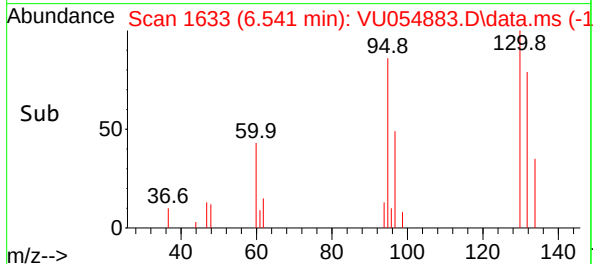
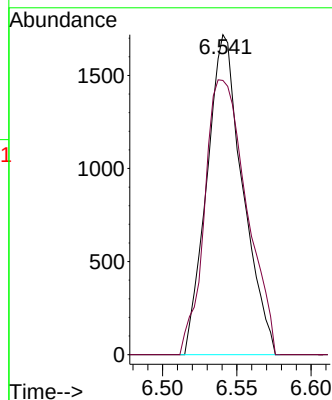
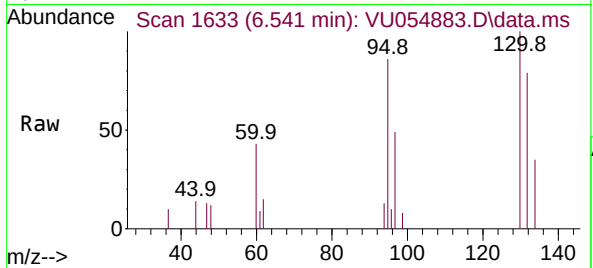
RL-CHECK

Tgt Ion:130 Resp: 2880
Ion Ratio Lower Upper
130 100
95 85.7 76.8 115.2

Manual Integrations

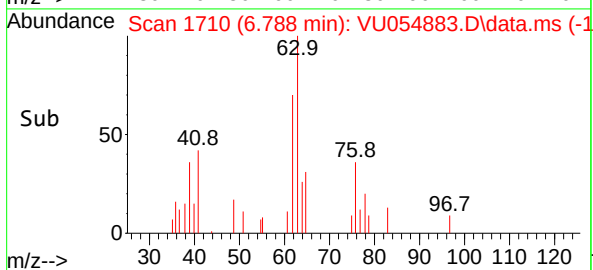
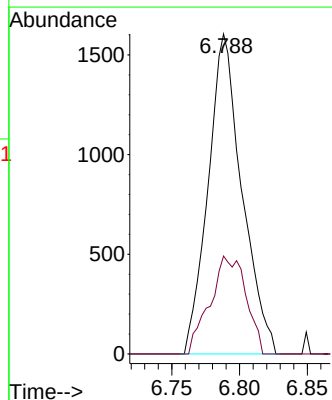
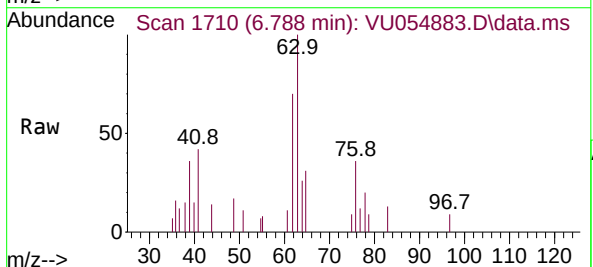
APPROVED

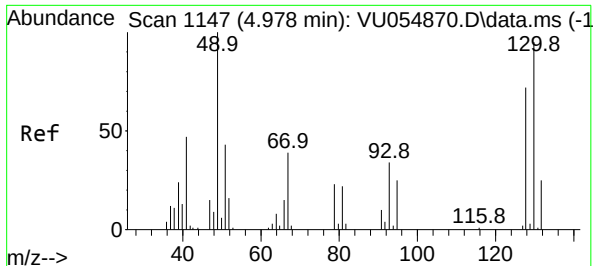
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#38
1,2-Dichloropropane
Concen: 0.434 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 63 Resp: 2779
Ion Ratio Lower Upper
63 100
65 30.6 24.3 36.5





#39

Methacrylonitrile

Concen: 0.435 ug/l m

RT: 5.004 min Scan# 1155

Delta R.T. 0.026 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

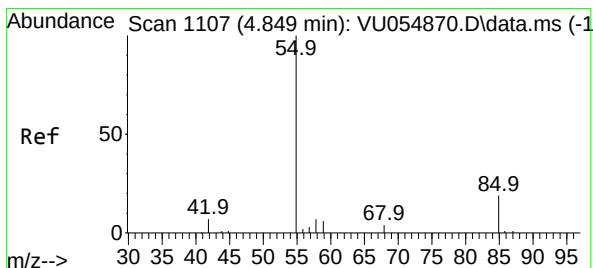
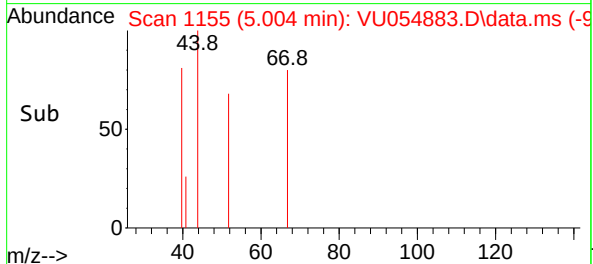
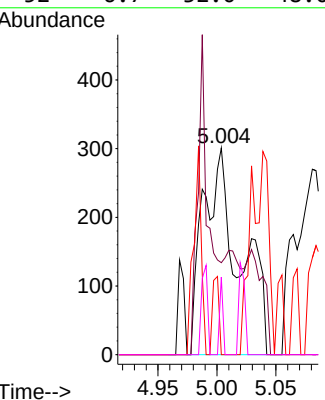
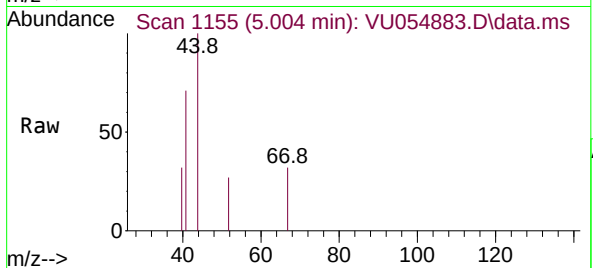
RL-CHECK

Tgt Ion: 41	Resp: 69
Ion Ratio	Lower Upper
41 100	
67 46.6	77.0 115.4
39 20.0	50.4 75.6
52 6.7	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: 0.431 ug/l m

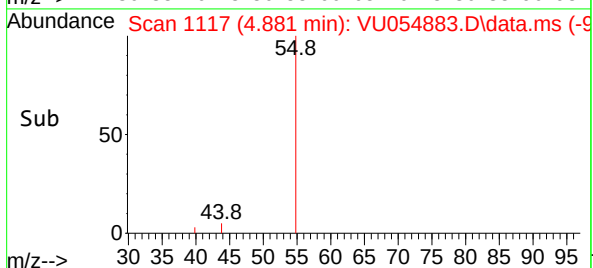
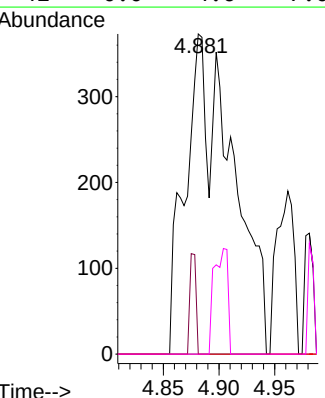
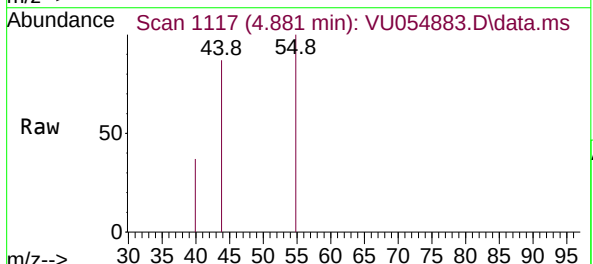
RT: 4.881 min Scan# 1117

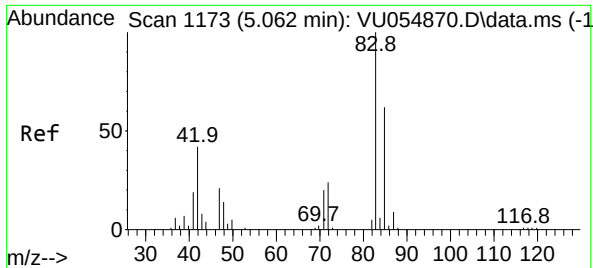
Delta R.T. 0.032 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Tgt Ion: 55	Resp: 1088
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





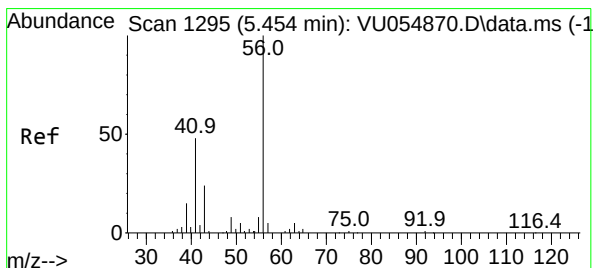
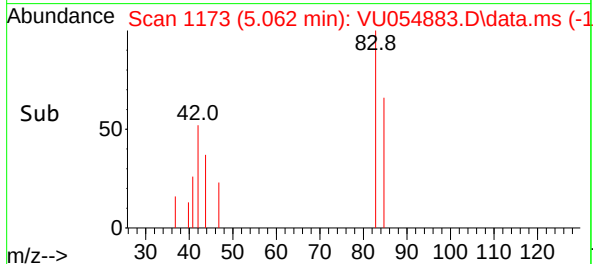
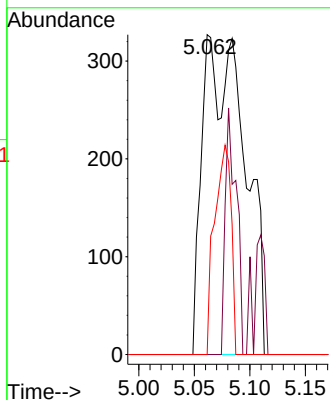
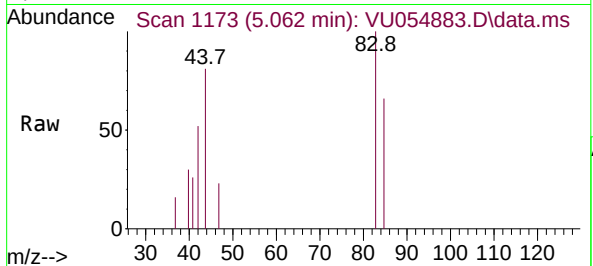
#41
Tetrahydrofuran
Concen: 0.948 ug/l m
RT: 5.062 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 42 Resp: 86
Ion Ratio Lower Upper
42 100
72 0.0 42.1 63.1
71 0.0 39.7 59.5

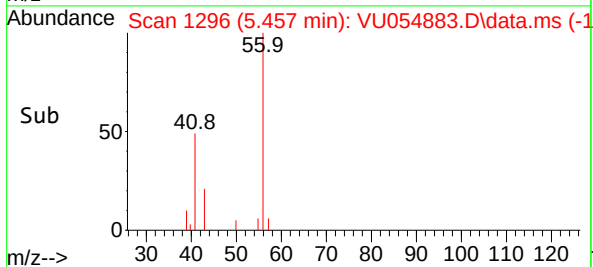
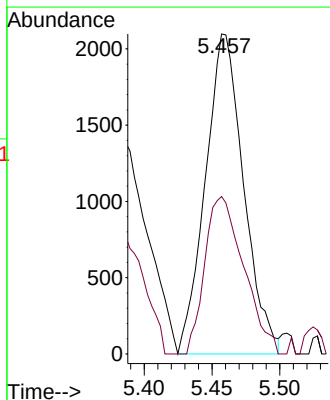
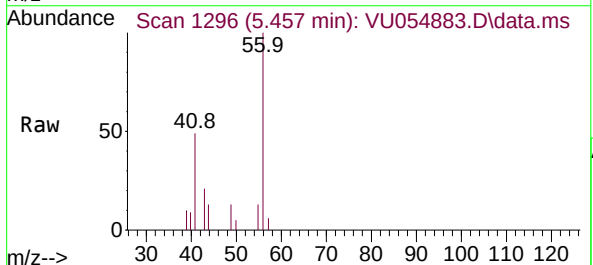
Manual Integrations
APPROVED

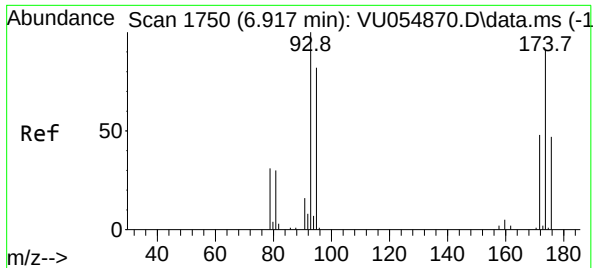
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1-Chlorobutane
Concen: 0.435 ug/l
RT: 5.457 min Scan# 1296
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

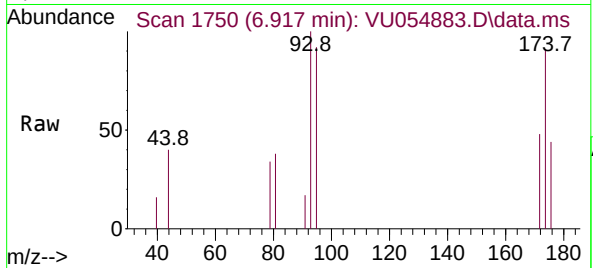
Tgt Ion: 56 Resp: 4122
Ion Ratio Lower Upper
56 100
41 50.1 23.9 71.7





#43
Dibromomethane
Concen: 0.500 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

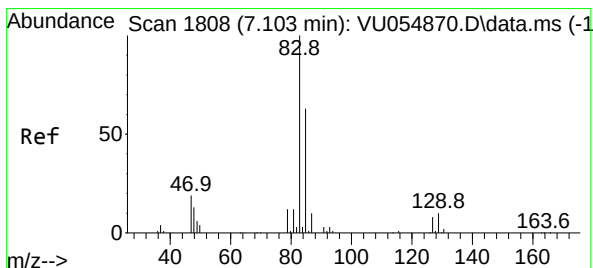
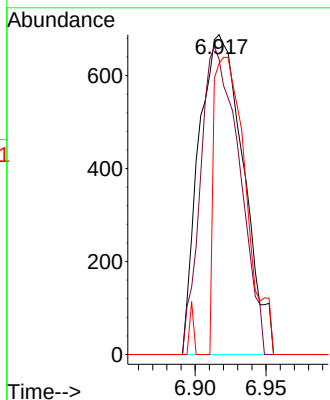
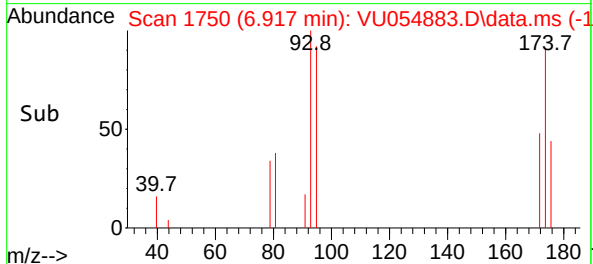
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



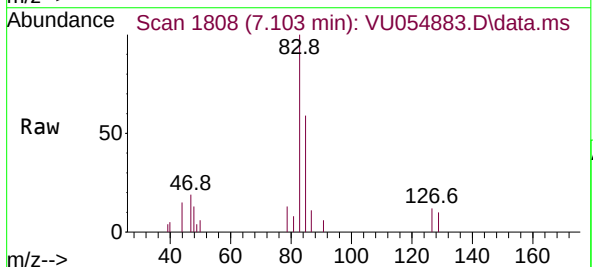
Tgt Ion: 93 Resp: 1500
Ion Ratio Lower Upper
93 100
95 84.1 64.7 97.1
174 66.6 74.4 111.6

Manual Integrations
APPROVED

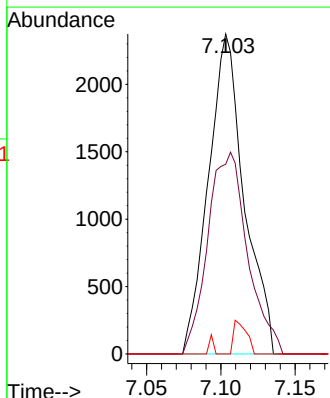
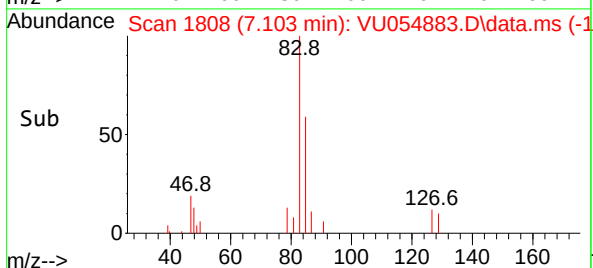
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

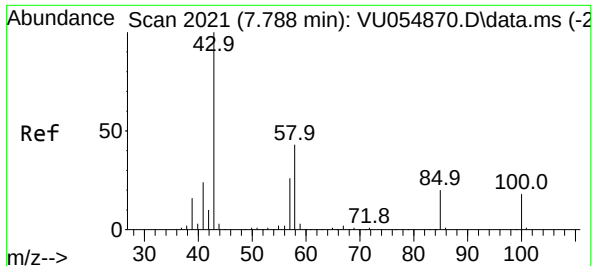


#44
Bromodichloromethane
Concen: 0.474 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08



Tgt Ion: 83 Resp: 3976
Ion Ratio Lower Upper
83 100
85 59.3 52.2 78.2
127 0.0 6.1 9.1





#45

4-Methyl-2-Pentanone

Concen: 2.678 ug/l

RT: 7.791 min Scan# 2021

Delta R.T. 0.003 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

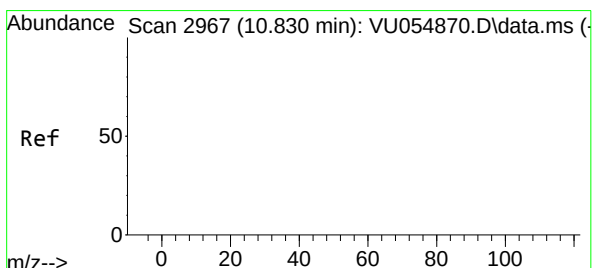
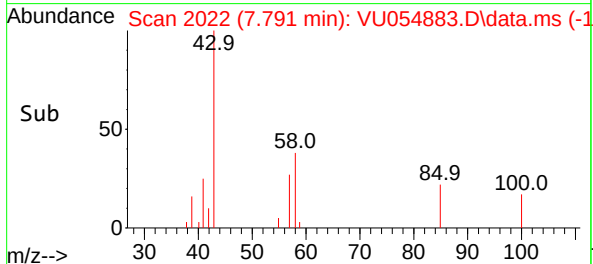
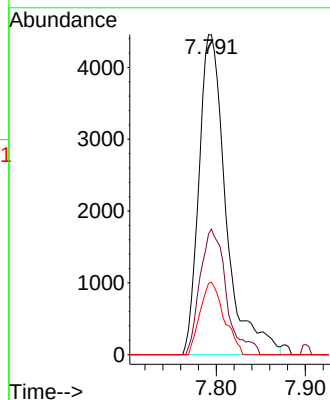
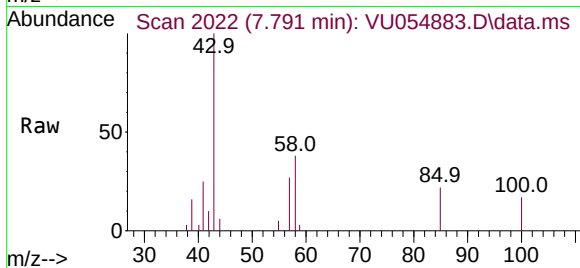
RL-CHECK

Tgt Ion: 43 Resp: 9398
 Ion Ratio Lower Upper
 43 100
 58 38.1 21.3 63.7
 85 20.0 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: 0.898 ug/l m

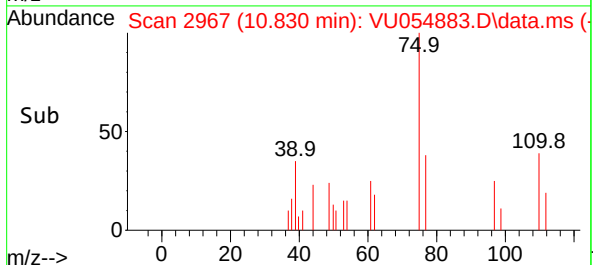
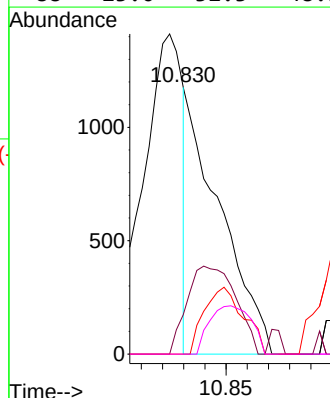
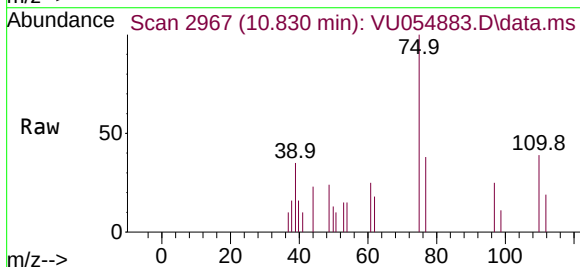
RT: 10.830 min Scan# 2967

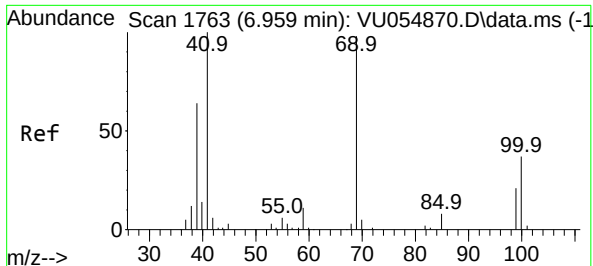
Delta R.T. -0.000 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Tgt Ion: 75 Resp: 1268
 Ion Ratio Lower Upper
 75 100
 53 48.8 62.9 94.3#
 89 29.9 47.8 71.8#
 88 23.0 32.3 48.5#





#47

Methyl methacrylate

Concen: 0.851 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 69 Resp: 2339

Ion Ratio Lower Upper

69 100

41 97.2 0.0 193.0

39 68.7 50.4 75.6

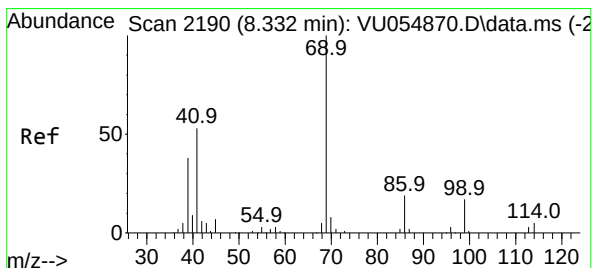
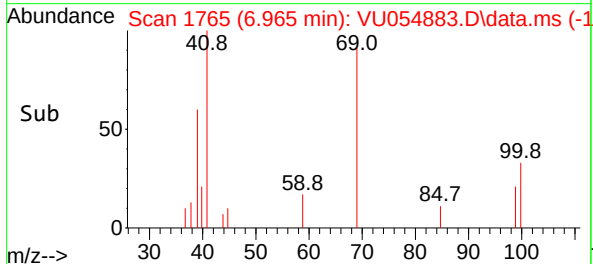
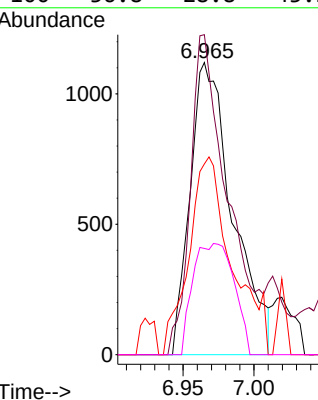
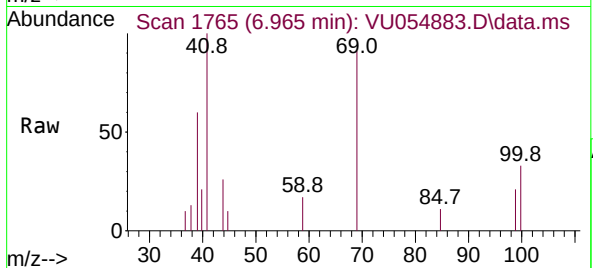
100 36.8 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#48

Ethyl methacrylate

Concen: 0.458 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU054883.D

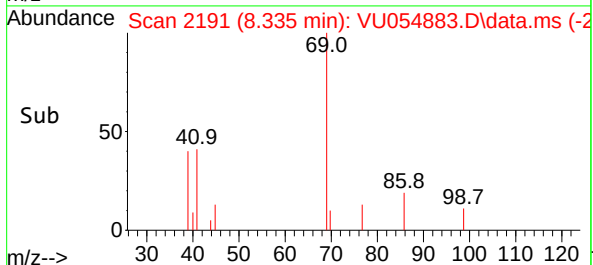
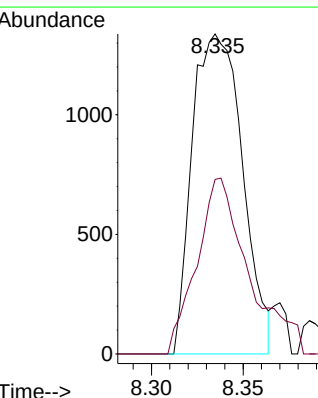
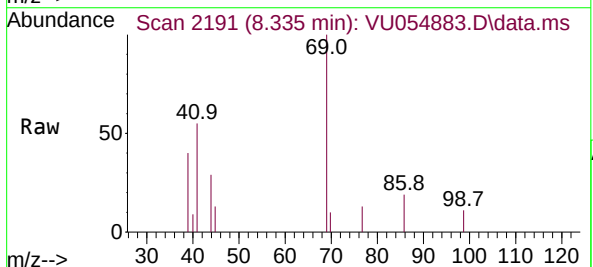
Acq: 26 Jul 2023 18:08

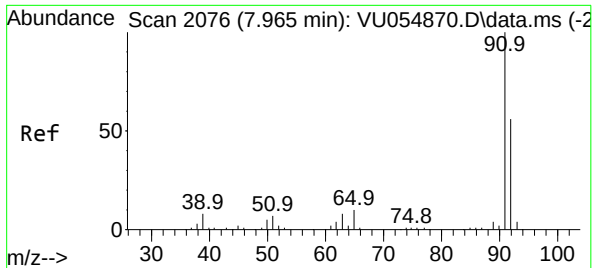
Tgt Ion: 69 Resp: 2550

Ion Ratio Lower Upper

69 100

41 56.6 28.8 86.5





#49

Toluene

Concen: 0.481 ug/l

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 92 Resp: 694

Ion Ratio Lower Upper

92 100

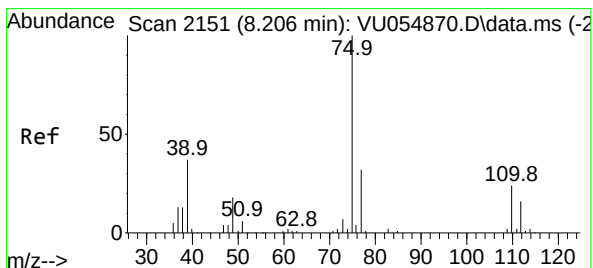
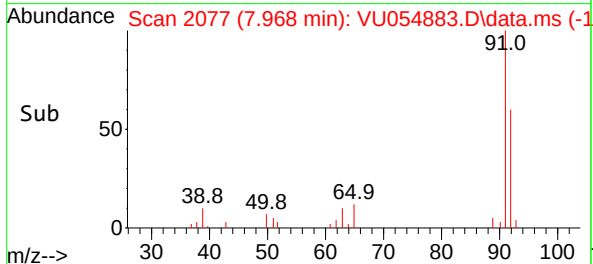
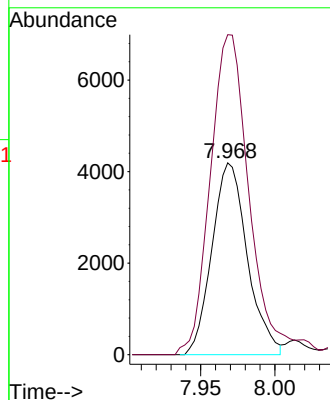
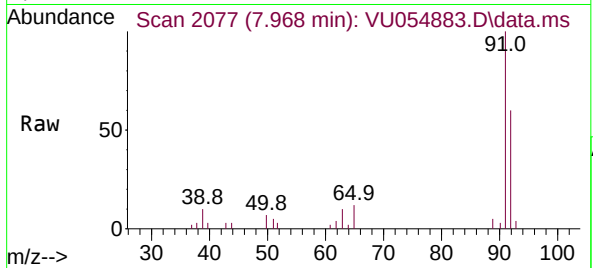
91 184.9 142.9 214.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

t-1,3-Dichloropropene

Concen: 0.423 ug/l

RT: 8.216 min Scan# 2154

Delta R.T. 0.010 min

Lab File: VU054883.D

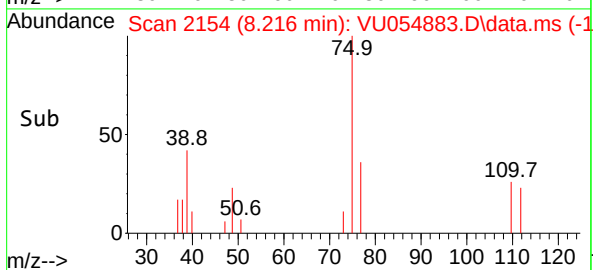
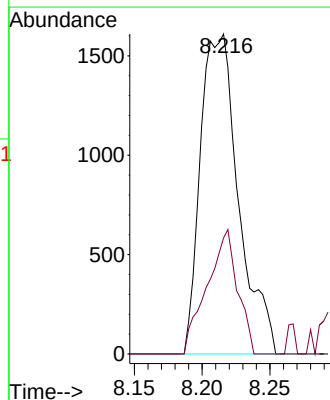
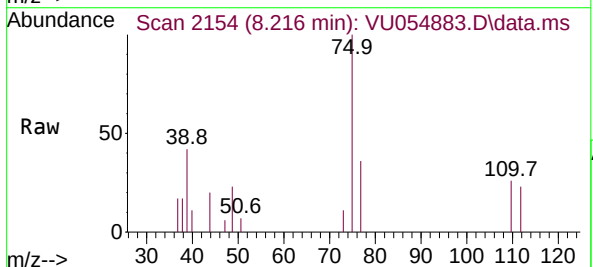
Acq: 26 Jul 2023 18:08

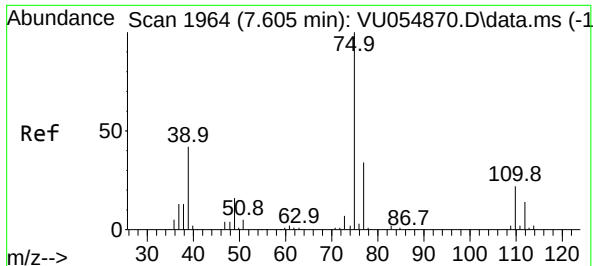
Tgt Ion: 75 Resp: 3148

Ion Ratio Lower Upper

75 100

77 36.3 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 0.400 ug/l
 RT: 7.608 min Scan# 1964
 Delta R.T. 0.003 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

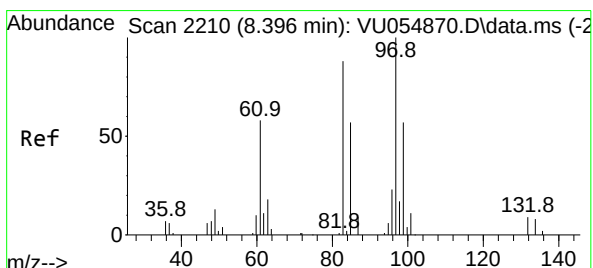
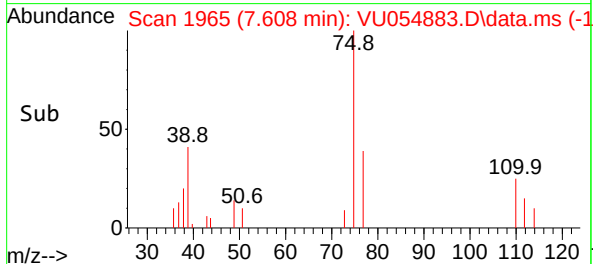
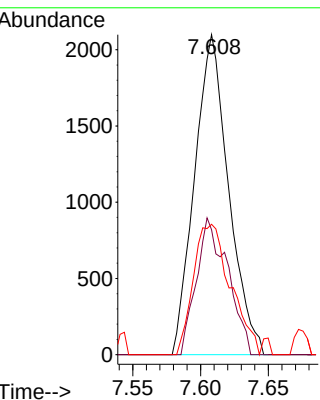
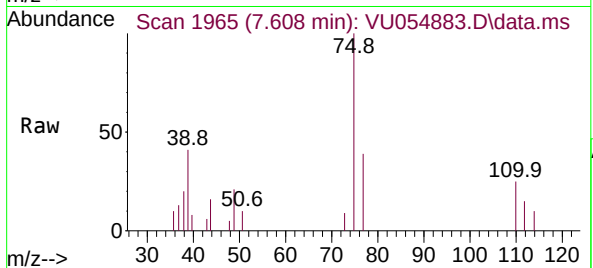
RL-CHECK

Tgt Ion: 75 Resp: 3660
 Ion Ratio Lower Upper
 75 100
 77 39.1 25.8 38.8#
 39 49.1 31.7 47.5#

Manual Integrations

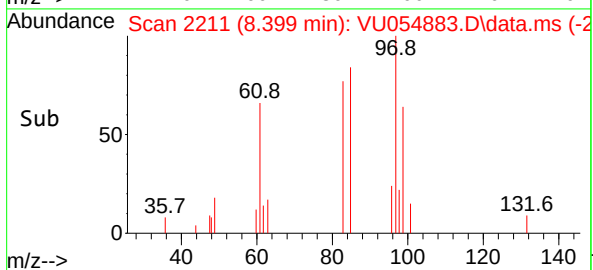
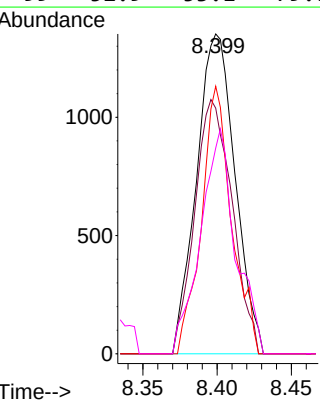
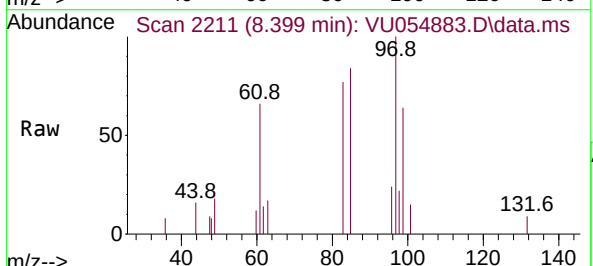
APPROVED

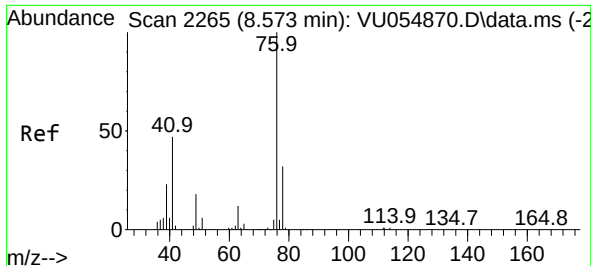
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#52
 1,1,2-Trichloroethane
 Concen: 0.513 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.003 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

Tgt Ion: 97 Resp: 2444
 Ion Ratio Lower Upper
 97 100
 83 63.1 77.4 116.2#
 85 68.8 47.8 71.8
 99 52.9 53.1 79.7#





#53

1,3-Dichloropropane

Concen: 0.536 ug/l

RT: 8.573 min Scan# 213

Delta R.T. -0.000 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion: 76 Resp: 413

Ion Ratio Lower Upper

76 100

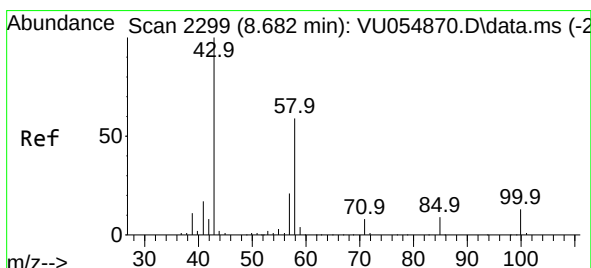
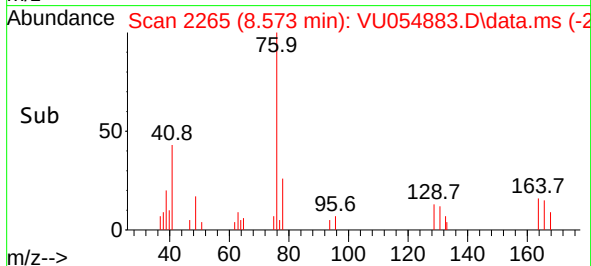
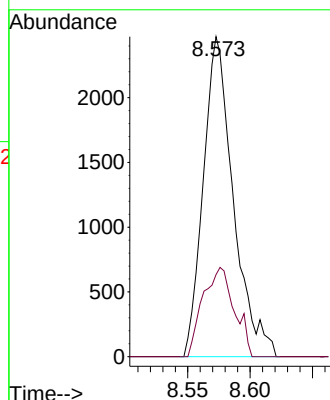
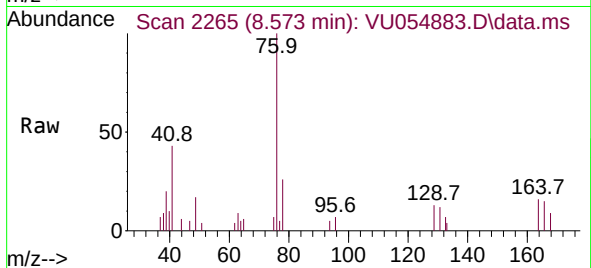
78 29.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#54

2-Hexanone

Concen: 2.208 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.010 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

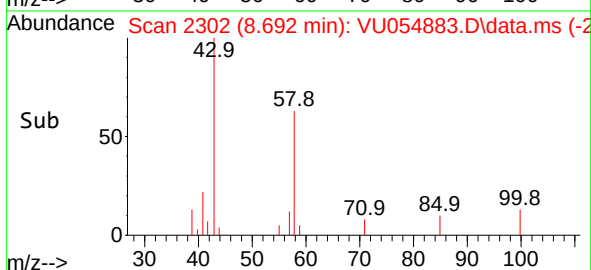
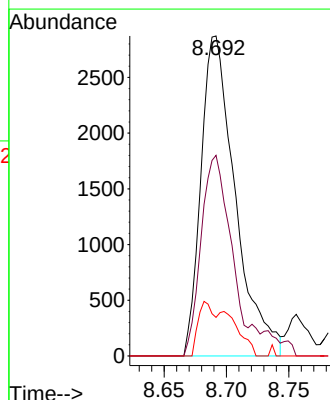
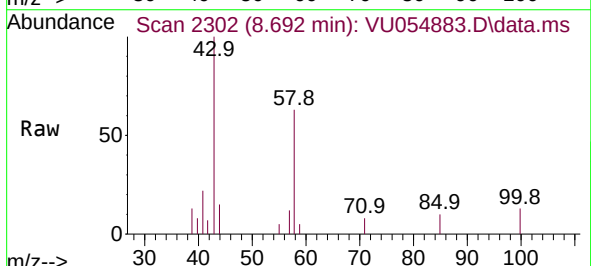
Tgt Ion: 43 Resp: 5506

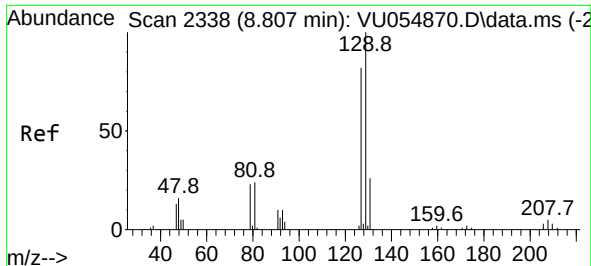
Ion Ratio Lower Upper

43 100

58 60.8 38.9 78.9

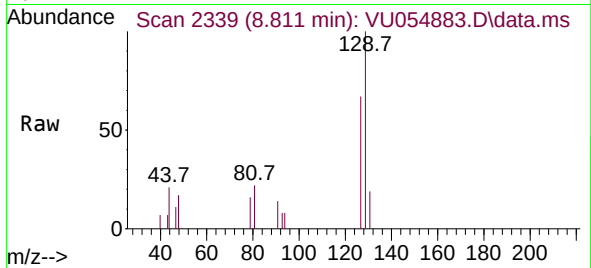
57 8.1 0.0 38.7





#55
Dibromochloromethane
Concen: 0.464 ug/l
RT: 8.811 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

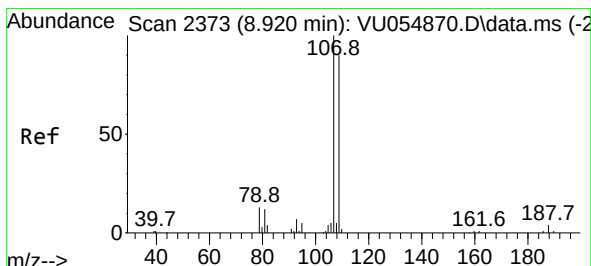
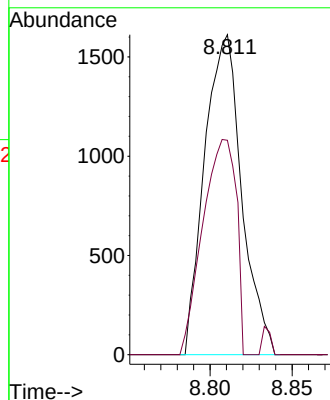
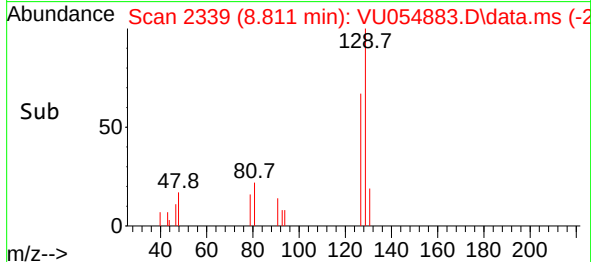
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:129 Resp: 253
Ion Ratio Lower Upper
129 100
127 60.5 61.4 92.0

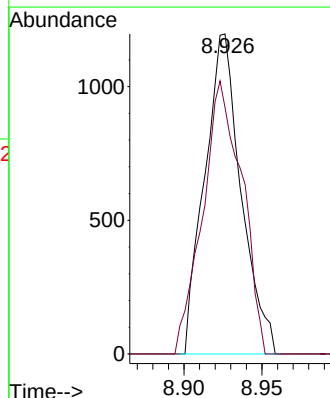
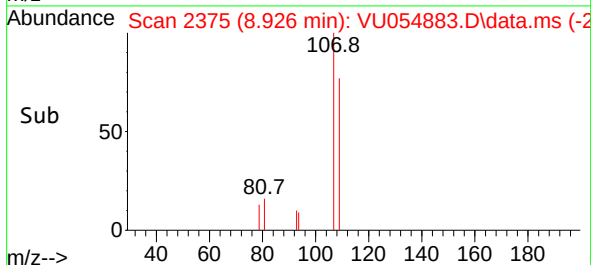
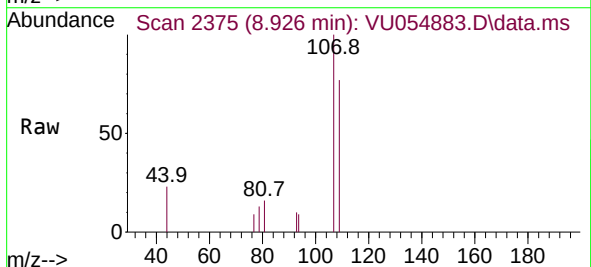
Manual Integrations
APPROVED

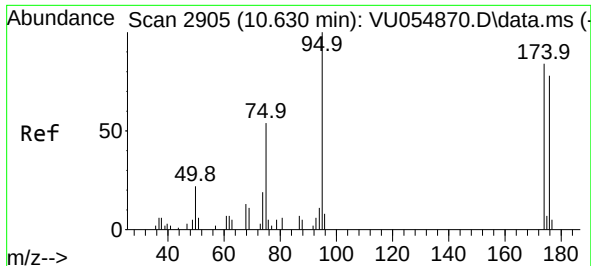
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
1,2-Dibromoethane
Concen: 0.482 ug/l
RT: 8.926 min Scan# 2375
Delta R.T. 0.006 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

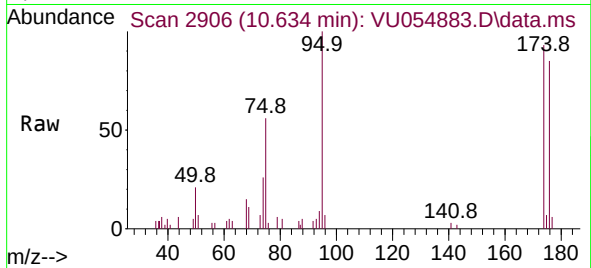
Tgt Ion:107 Resp: 1946
Ion Ratio Lower Upper
107 100
109 91.7 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.092 ug/l
RT: 10.634 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

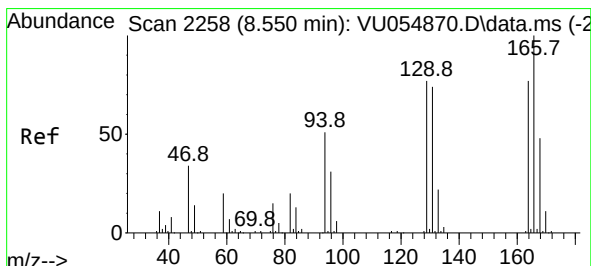
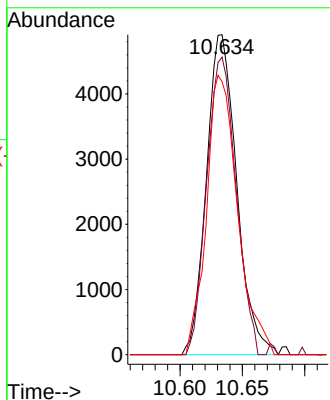
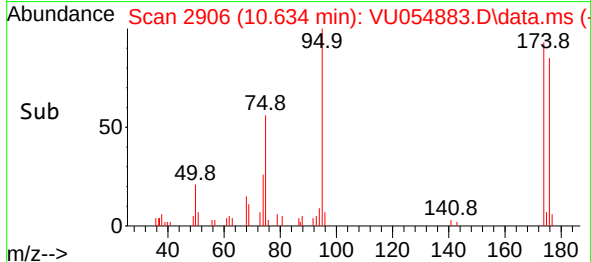
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion: 95 Resp: 8330
Ion Ratio Lower Upper
95 100
174 90.1 79.3 118.9
176 89.4 71.5 107.3

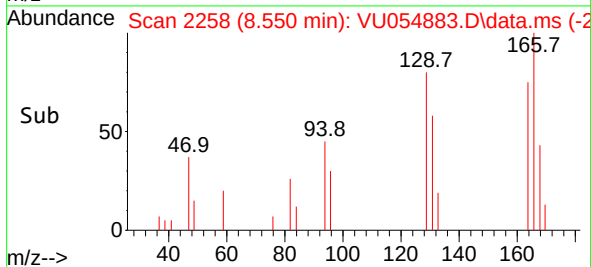
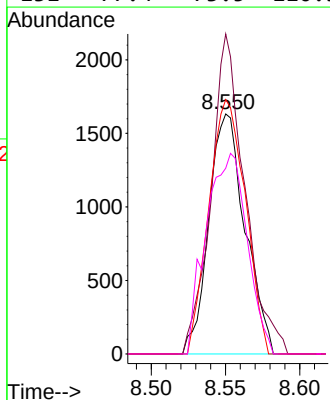
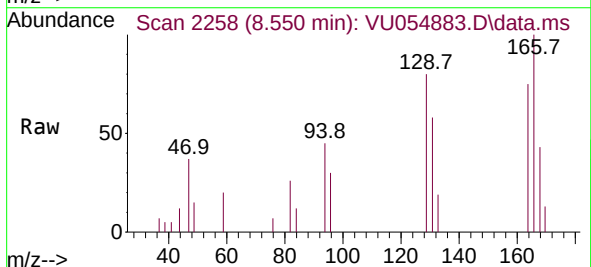
Manual Integrations
APPROVED

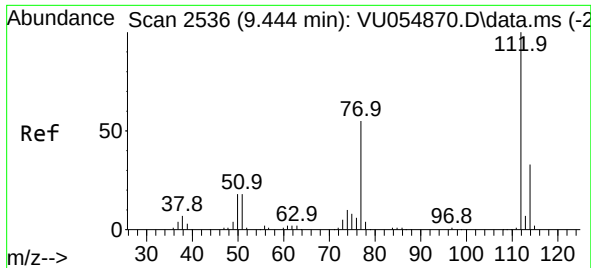
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
Tetrachloroethene
Concen: 0.522 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

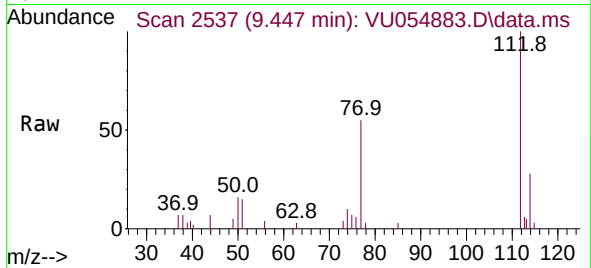
Tgt Ion:164 Resp: 2778
Ion Ratio Lower Upper
164 100
166 133.3 100.4 150.6
129 106.0 71.9 107.9
131 77.4 73.5 110.3





#59
Chlorobenzene
Concen: 0.511 ug/l
RT: 9.447 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

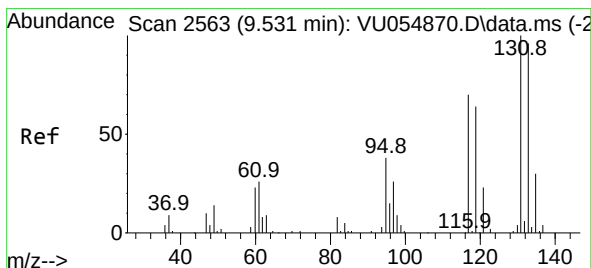
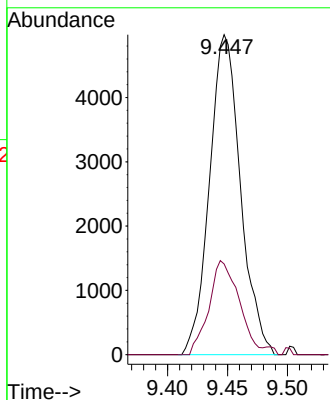
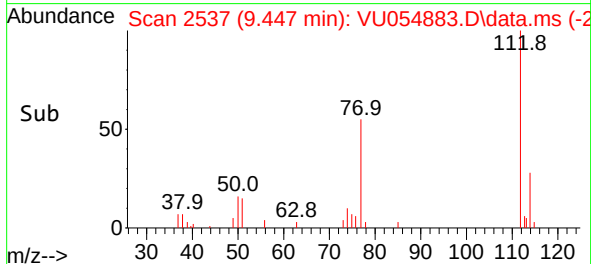
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:112 Resp: 895
Ion Ratio Lower Upper
112 100
114 26.7 25.0 37.6

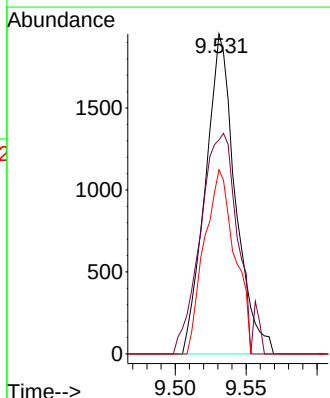
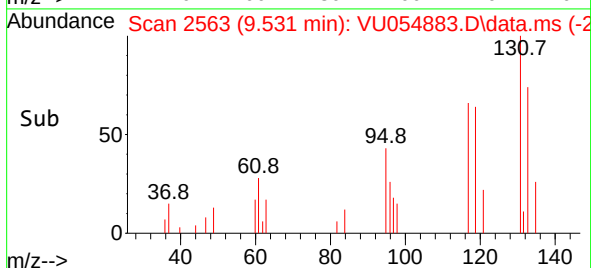
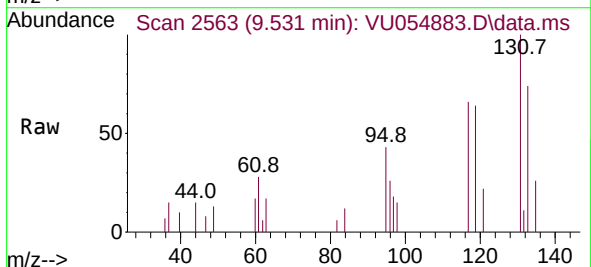
Manual Integrations
APPROVED

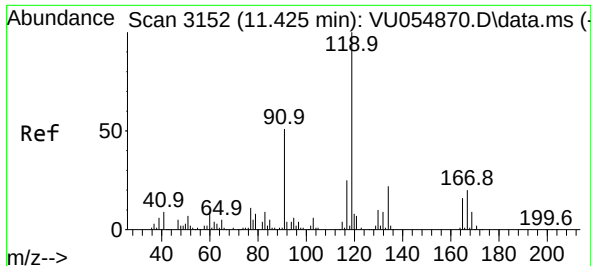
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.465 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

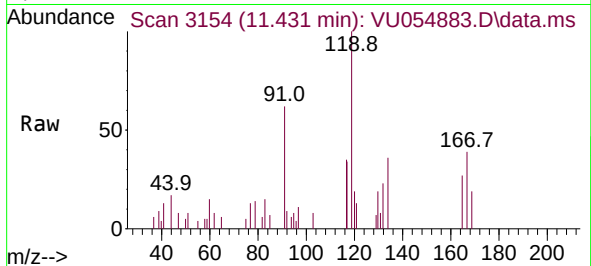
Tgt Ion:131 Resp: 2875
Ion Ratio Lower Upper
131 100
133 86.2 74.2 111.4
119 58.2 51.0 76.4





#61
Pentachloroethane
Concen: 0.398 ug/l
RT: 11.431 min Scan# 3152
Delta R.T. 0.006 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

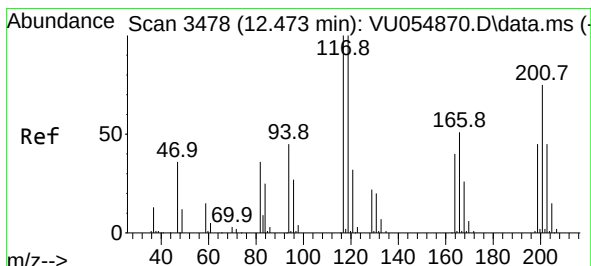
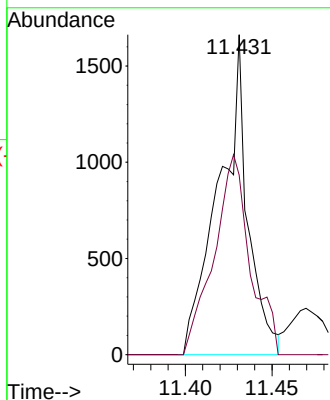
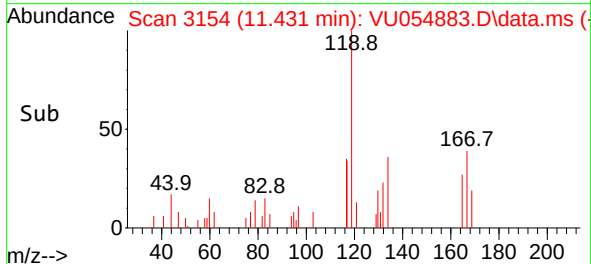
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:117 Resp: 192
Ion Ratio Lower Upper
117 100
167 78.5 65.3 97.9

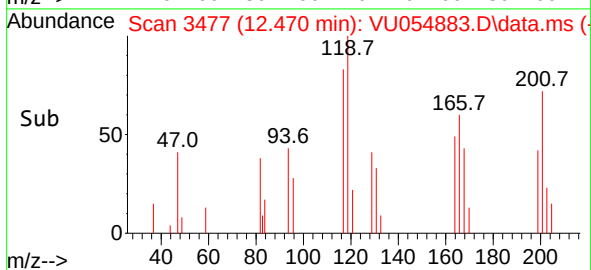
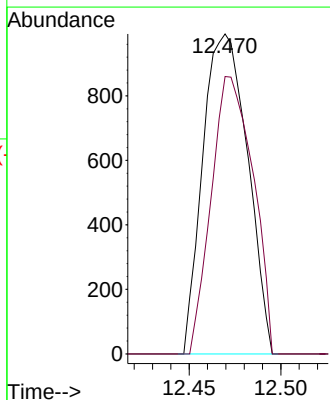
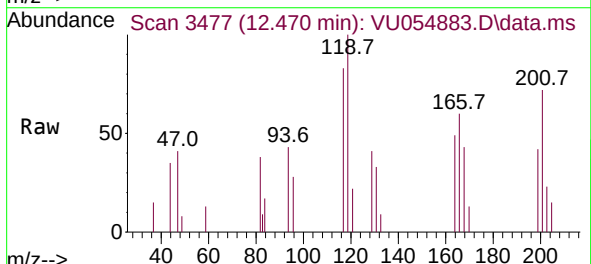
Manual Integrations
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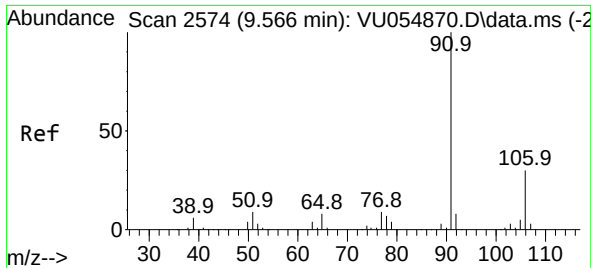
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Hexachloroethane
Concen: 0.338 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:117 Resp: 1681
Ion Ratio Lower Upper
117 100
201 81.1 56.1 84.1





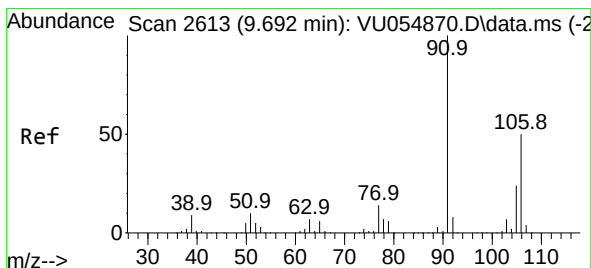
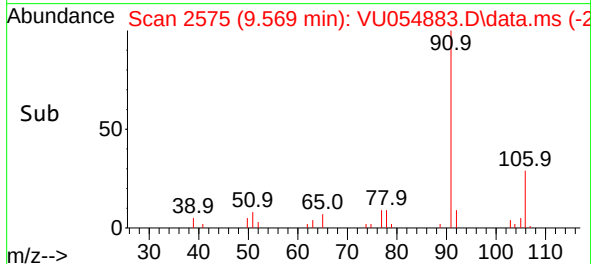
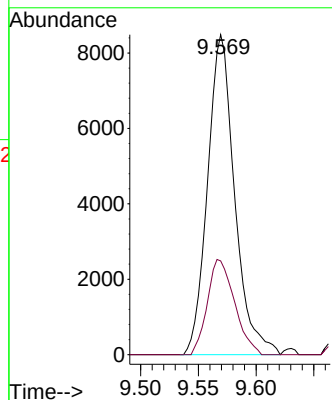
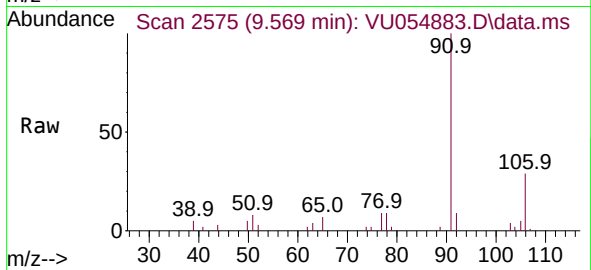
#63
Ethyl Benzene
Concen: 0.471 ug/l
RT: 9.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 91 Resp: 13830
Ion Ratio Lower Upper
91 100
106 29.3 24.2 36.2

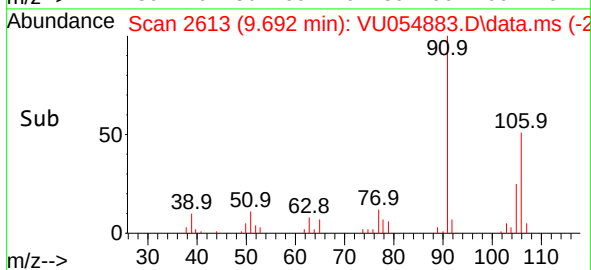
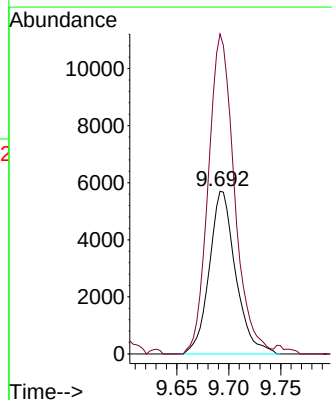
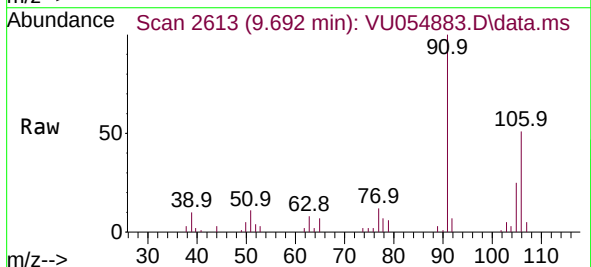
Manual Integrations
APPROVED

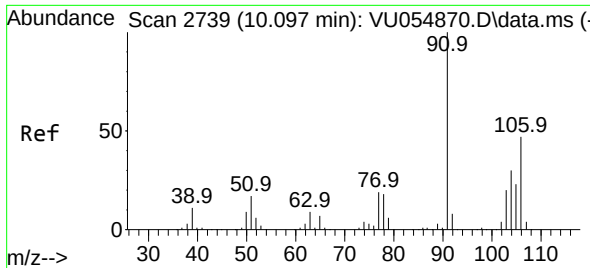
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
m/p-Xylenes
Concen: 0.914 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:106 Resp: 10053
Ion Ratio Lower Upper
106 100
91 195.4 158.8 238.2





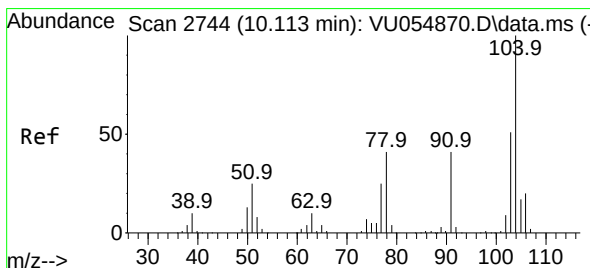
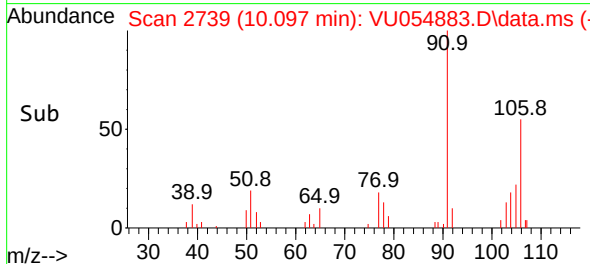
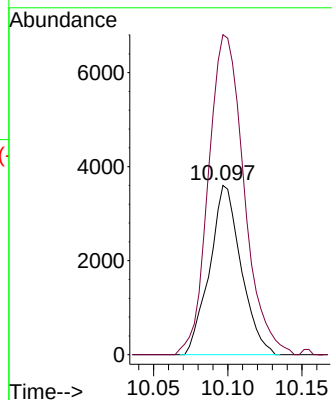
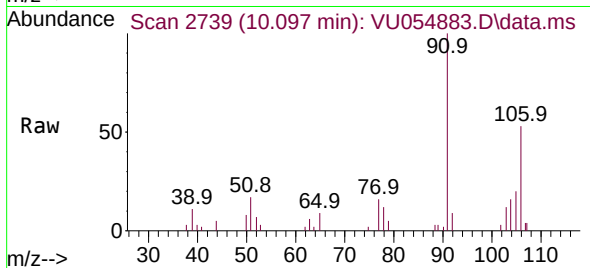
#65
o-Xylene
Concen: 0.470 ug/l
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:106 Resp: 5308
Ion Ratio Lower Upper
106 100
91 213.7 108.9 326.8

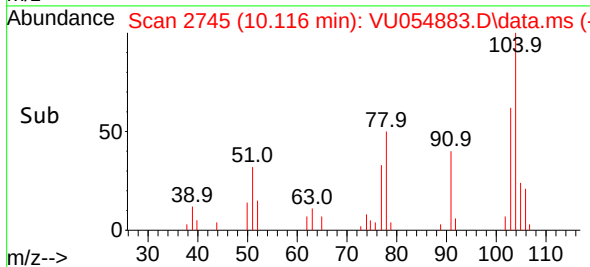
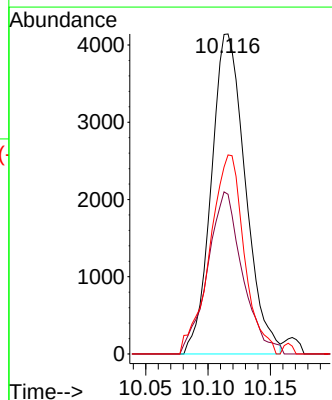
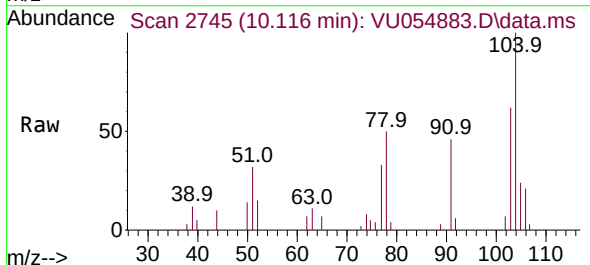
Manual Integrations
APPROVED

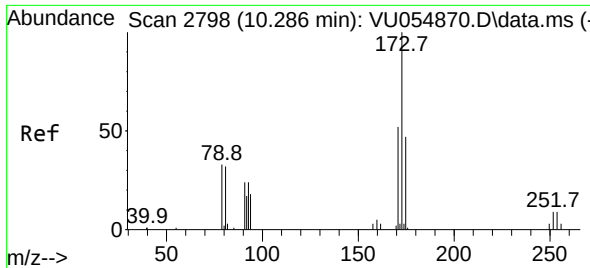
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Styrene
Concen: 0.436 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

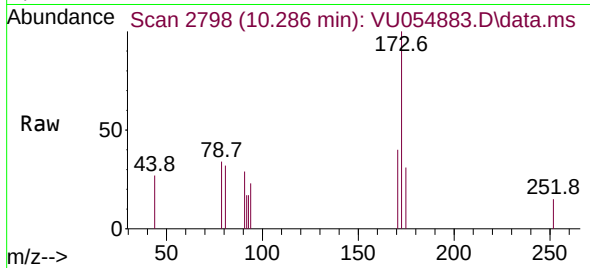
Tgt Ion:104 Resp: 7870
Ion Ratio Lower Upper
104 100
78 51.9 37.5 56.3
103 62.6 45.2 67.8





#67
Bromoform
Concen: 0.453 ug/l
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

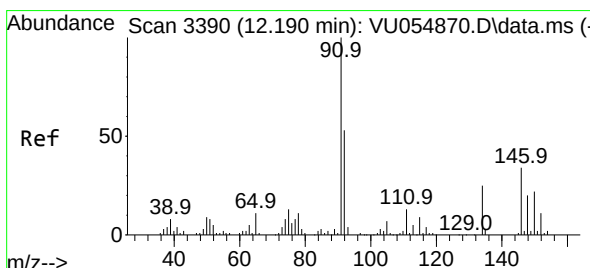
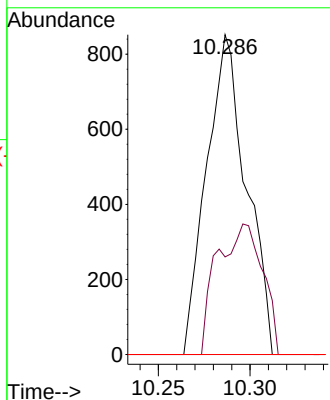
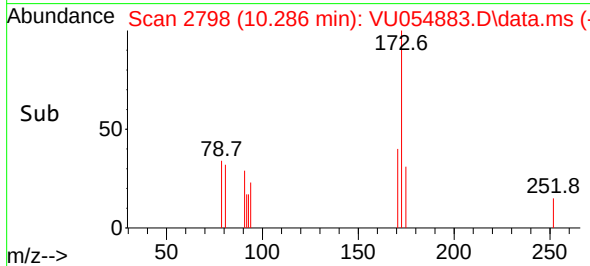
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



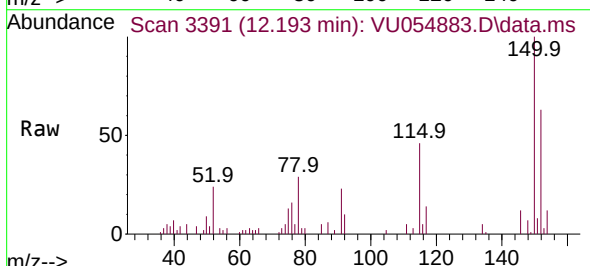
Tgt Ion:173 Resp: 128
Ion Ratio Lower Upper
173 100
175 46.7 39.0 58.6
254 0.0 7.4 11.0

Manual Integrations
APPROVED

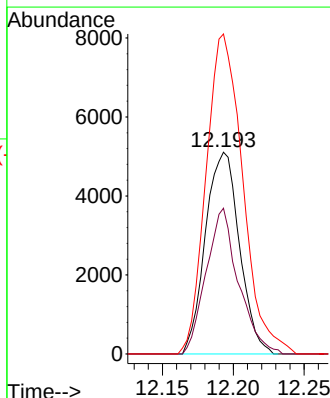
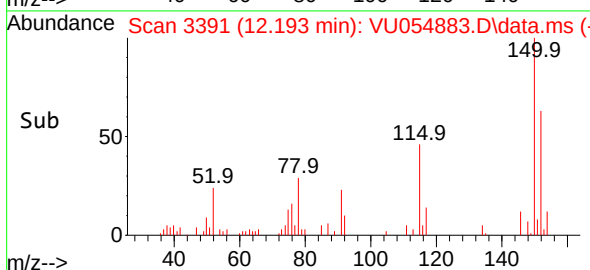
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

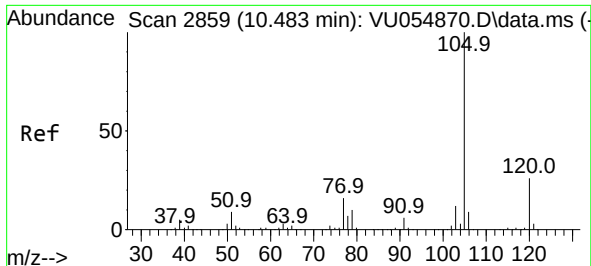


#68
1,2-Dichlorobenzene-d4
Concen: 0.990 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08



Tgt Ion:152 Resp: 8533
Ion Ratio Lower Upper
152 100
115 68.6 0.0 234.8
150 170.7 0.0 598.2





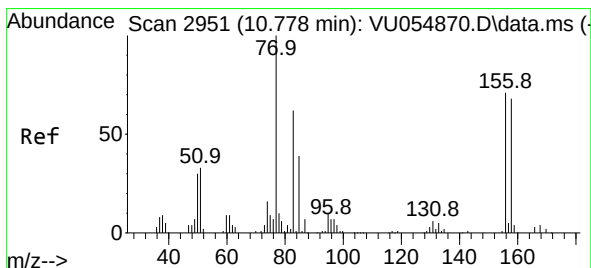
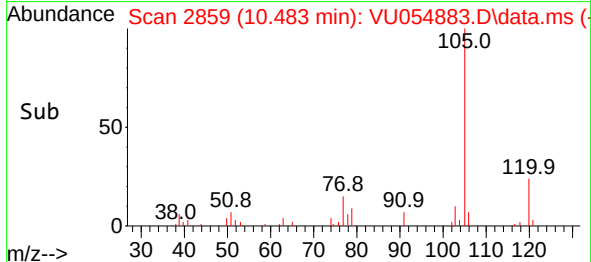
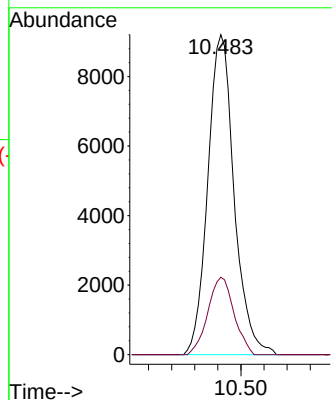
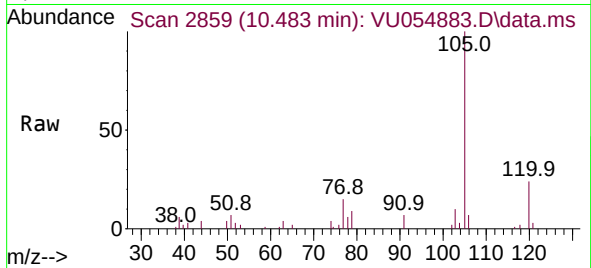
#69
Isopropylbenzene
Concen: 0.480 ug/l
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:105 Resp: 14564
Ion Ratio Lower Upper
105 100
120 23.9 12.6 37.6

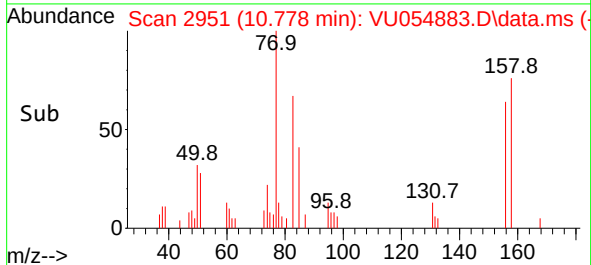
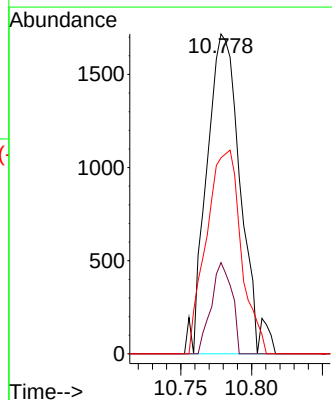
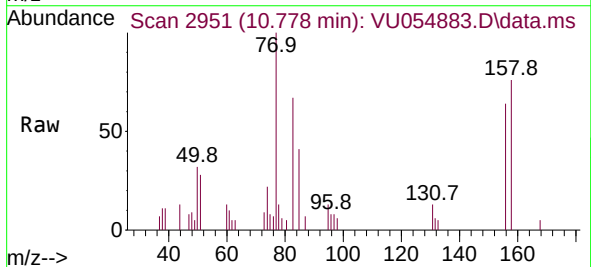
Manual Integrations
APPROVED

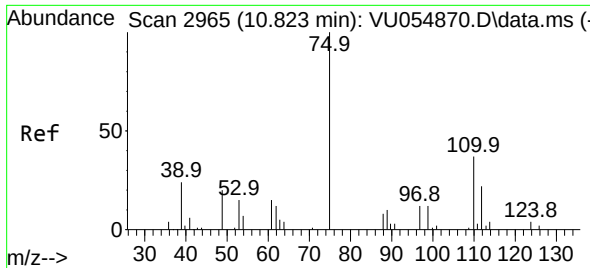
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.481 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

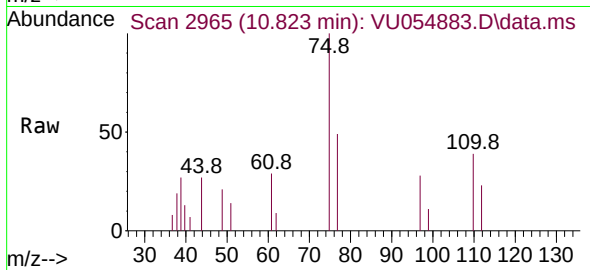
Tgt Ion: 83 Resp: 2840
Ion Ratio Lower Upper
83 100
131 17.4 7.5 11.3#
85 65.5 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 0.561 ug/l m
RT: 10.823 min Scan# 2965
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

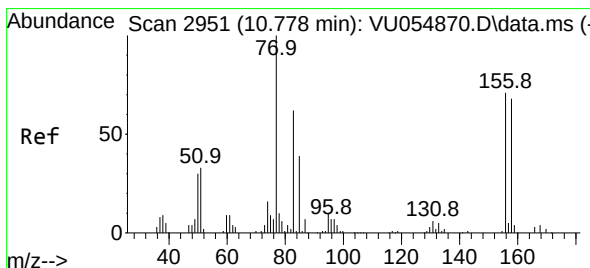
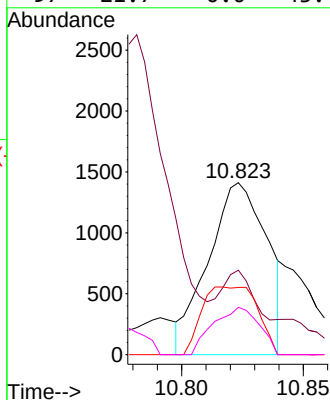
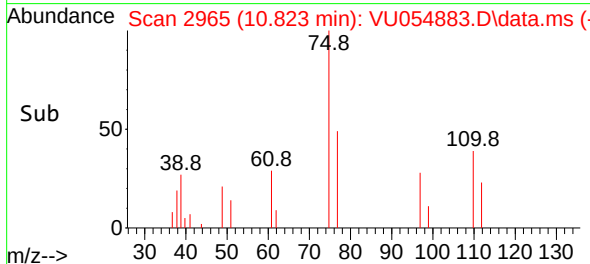
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



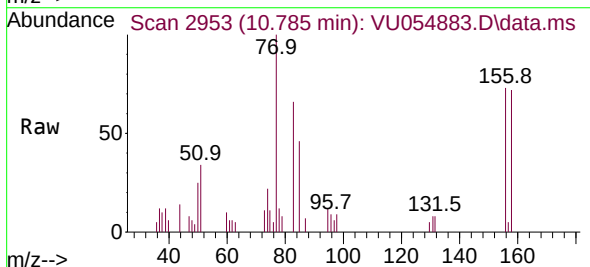
Tgt Ion: 75 Resp: 235
Ion Ratio Lower Upper
75 100
77 46.5 0.0 0.0
110 37.5 0.0 80.8
97 21.7 0.0 43.4

Manual Integrations
APPROVED

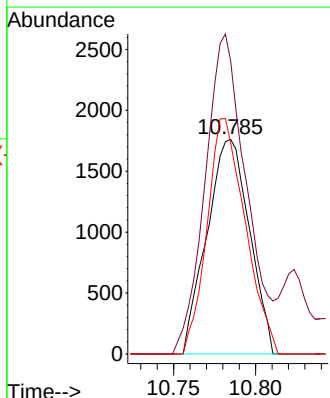
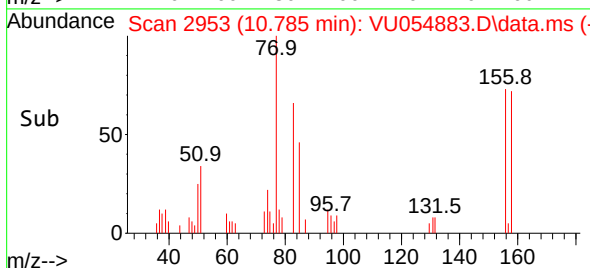
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

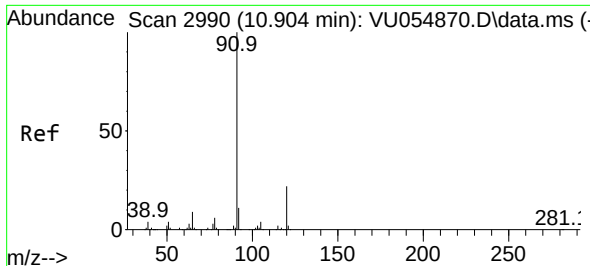


#72
Bromobenzene
Concen: 0.469 ug/l
RT: 10.785 min Scan# 2953
Delta R.T. 0.006 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08



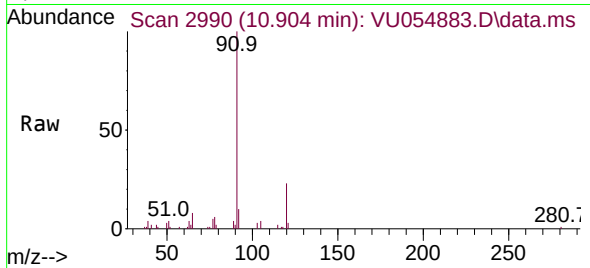
Tgt Ion:156 Resp: 3165
Ion Ratio Lower Upper
156 100
77 144.3 0.0 293.2
158 98.7 0.0 189.8





#73
n-propylbenzene
Concen: 0.660 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

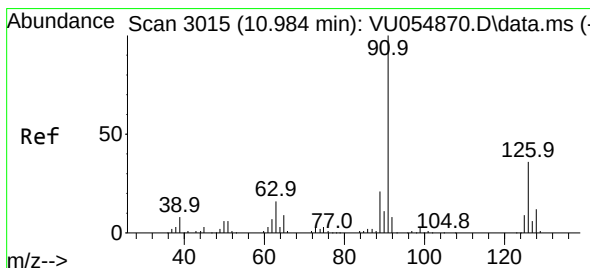
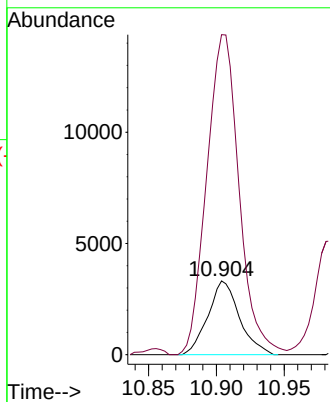
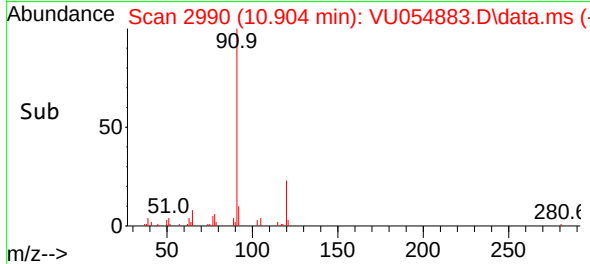
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:120 Resp: 535
Ion Ratio Lower Upper
120 100
91 447.1 361.8 542.6

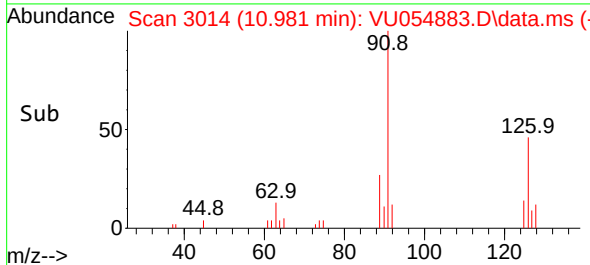
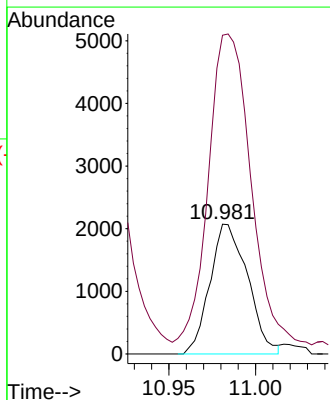
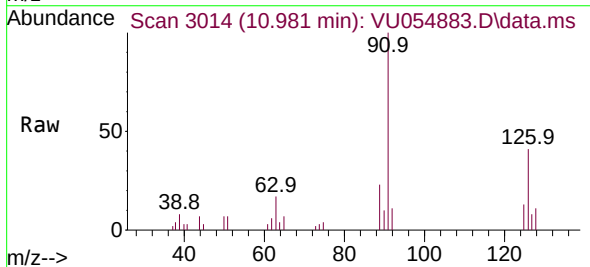
Manual Integrations
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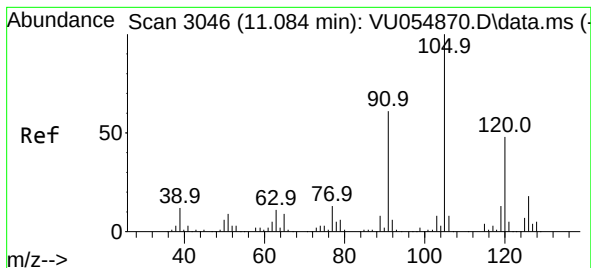
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
2-Chlorotoluene
Concen: 0.446 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:126 Resp: 3136
Ion Ratio Lower Upper
126 100
91 272.9 0.0 561.4





#75

1,3,5-Trimethylbenzene

Concen: 0.434 ug/l

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

Tgt Ion:105 Resp: 1066

Ion Ratio Lower Upper

105 100

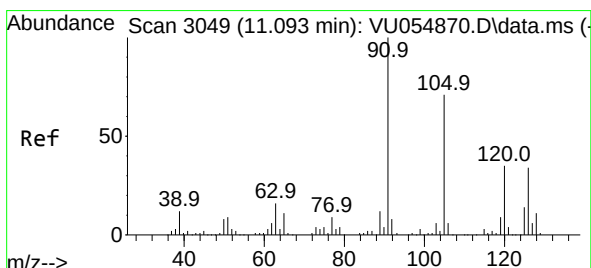
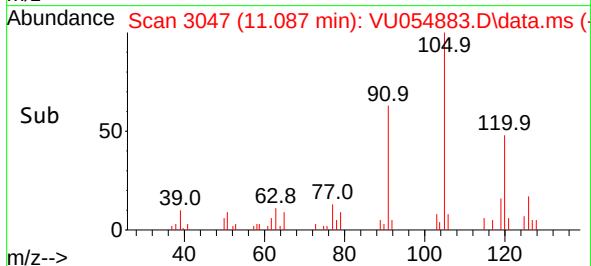
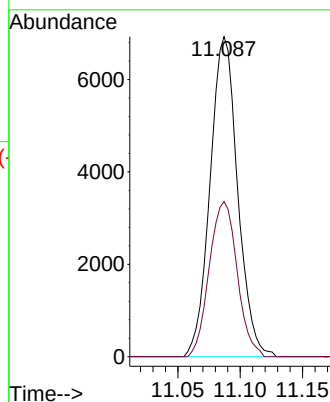
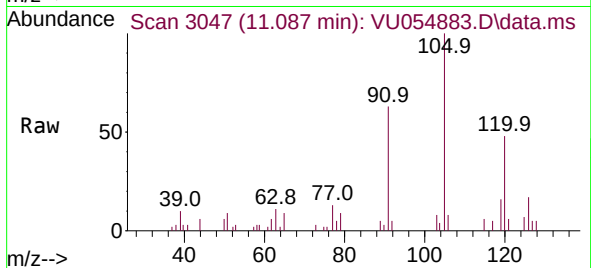
120 48.9 39.0 58.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#76

4-Chlorotoluene

Concen: 0.451 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VU054883.D

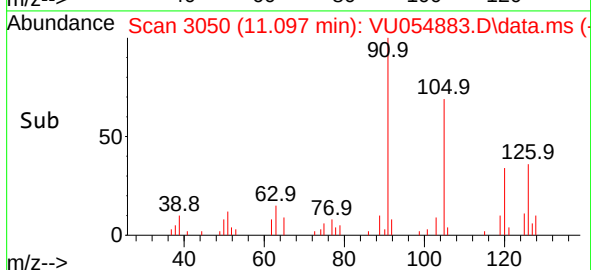
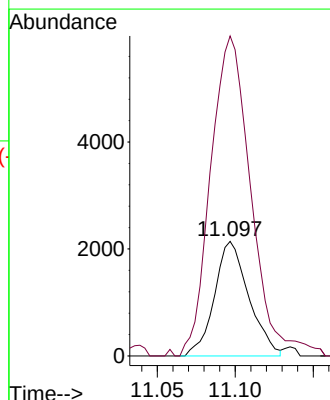
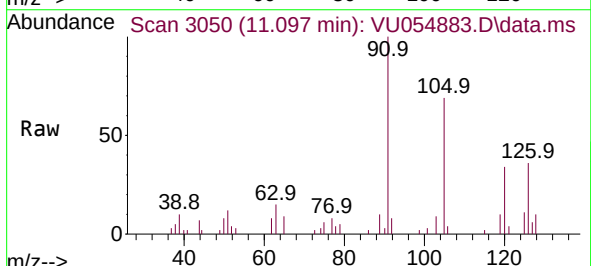
Acq: 26 Jul 2023 18:08

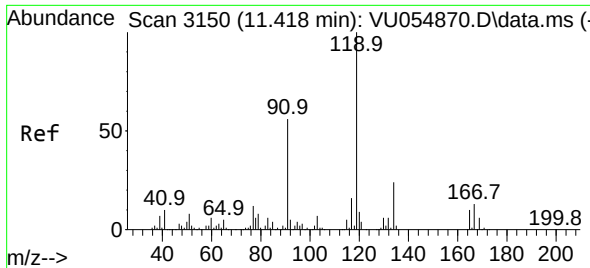
Tgt Ion:126 Resp: 3291

Ion Ratio Lower Upper

126 100

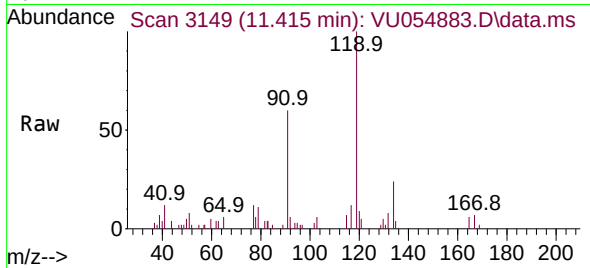
91 326.7 0.0 623.4





#77
tert-Butylbenzene
Concen: 0.402 ug/l
RT: 11.415 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

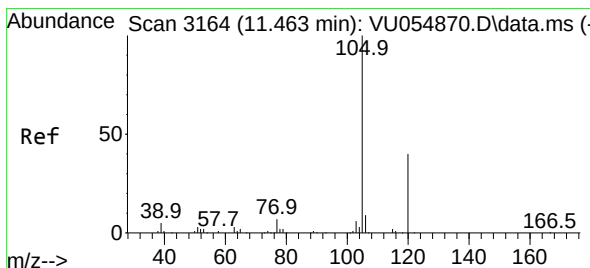
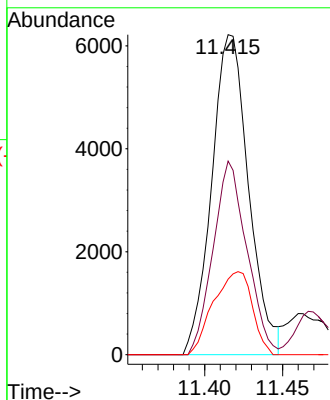
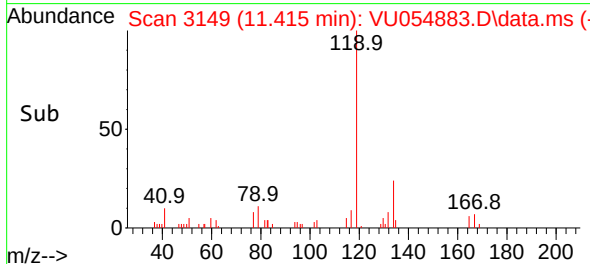
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



Tgt Ion:119 Resp: 10254
Ion Ratio Lower Upper
119 100
91 55.3 27.7 83.1
134 27.2 18.6 27.8

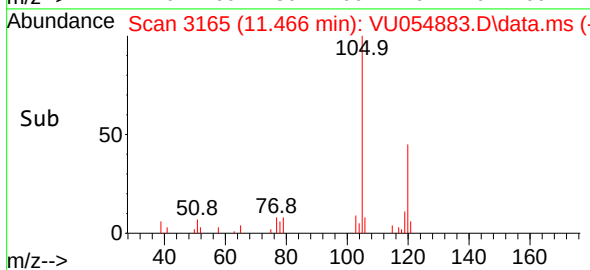
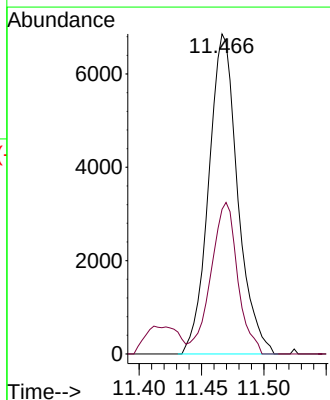
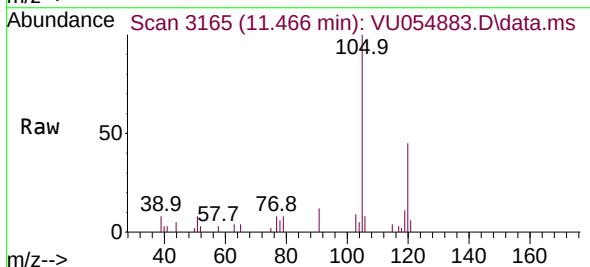
Manual Integrations
APPROVED

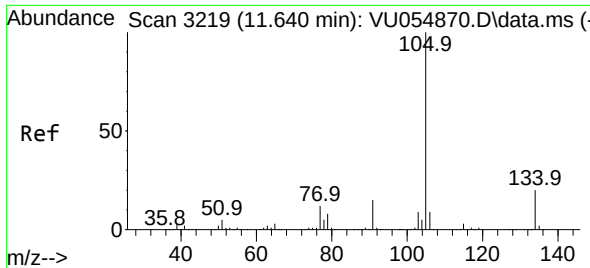
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
1,2,4-Trimethylbenzene
Concen: 0.442 ug/l
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

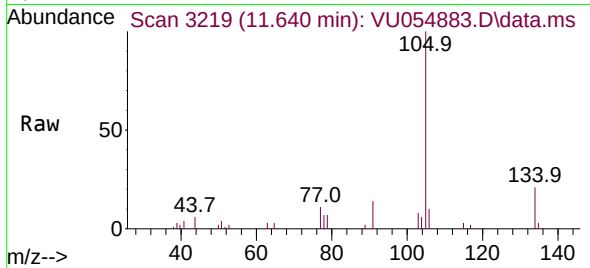
Tgt Ion:105 Resp: 11110
Ion Ratio Lower Upper
105 100
120 43.7 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 0.401 ug/l
 RT: 11.640 min Scan# 3110
 Delta R.T. -0.000 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

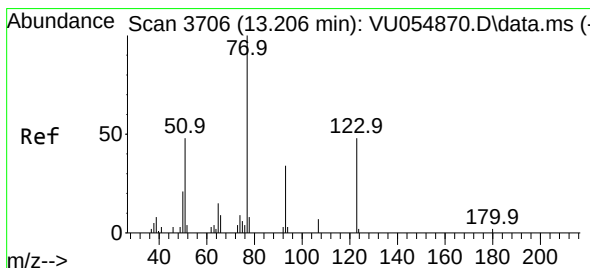
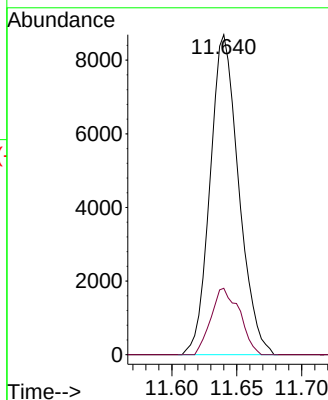
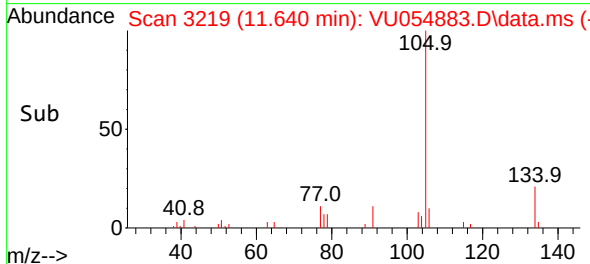
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK



Tgt Ion:105 Resp: 13310
 Ion Ratio Lower Upper
 105 100
 134 20.7 15.7 23.5

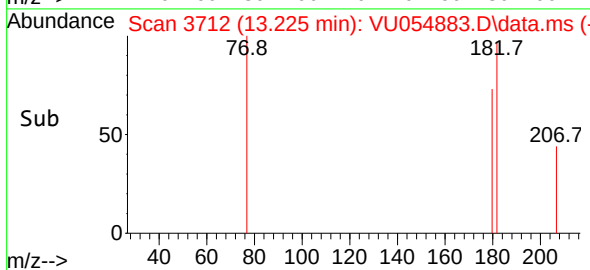
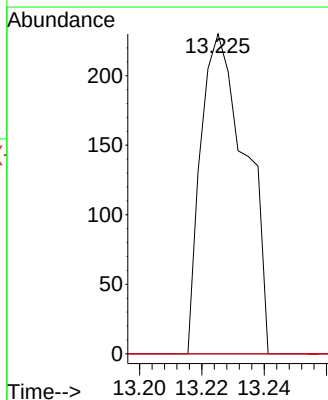
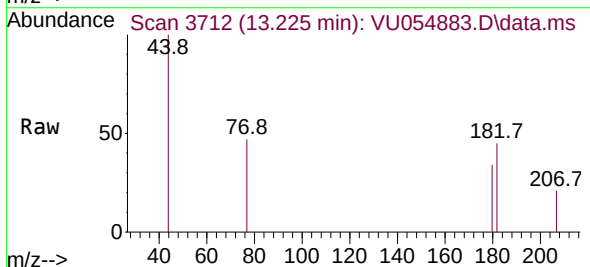
Manual Integrations
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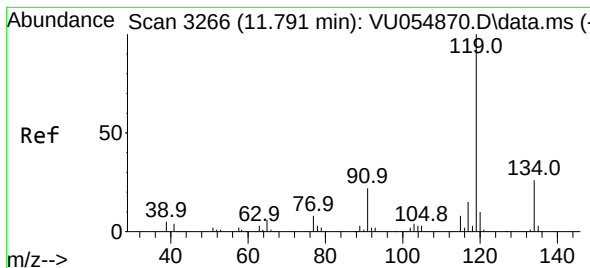
Reviewed By :Semsettin Yesilyurt 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#80
 Nitrobenzene
 Concen: 1.483 ug/l
 RT: 13.225 min Scan# 3712
 Delta R.T. 0.019 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

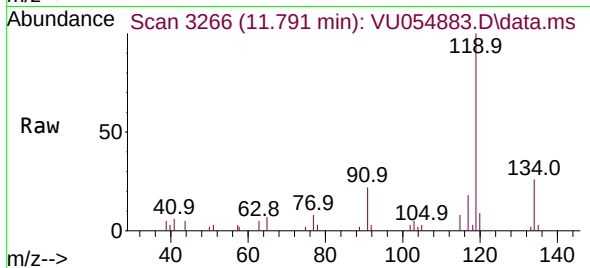
Tgt Ion: 77 Resp: 230
 Ion Ratio Lower Upper
 77 100
 123 0.0 20.2 71.8#
 65 0.0 11.7 14.9#





#81
p-Isopropyltoluene
Concen: 0.384 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

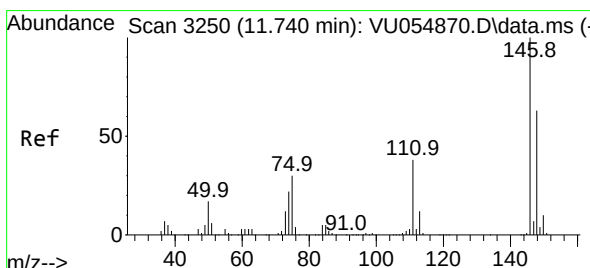
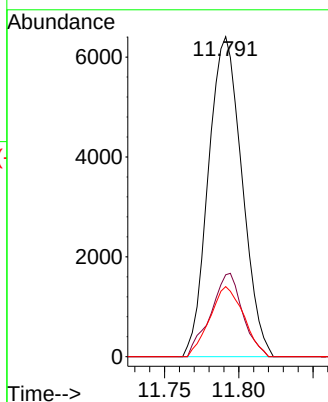
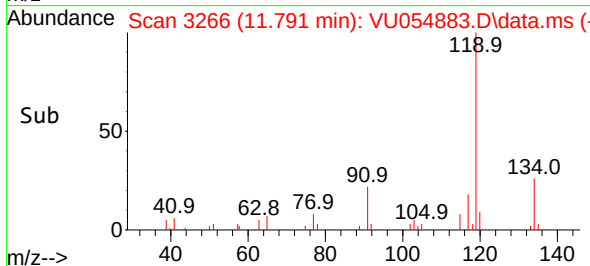
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



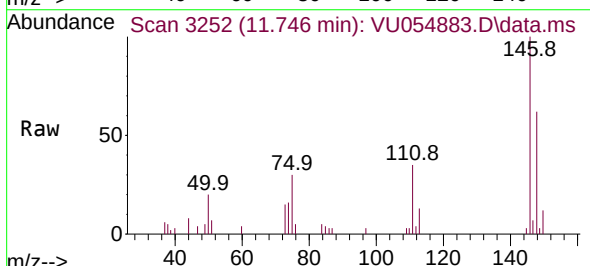
Tgt Ion:119 Resp: 10070
Ion Ratio Lower Upper
119 100
134 24.8 20.6 31.0
91 22.1 18.2 27.4

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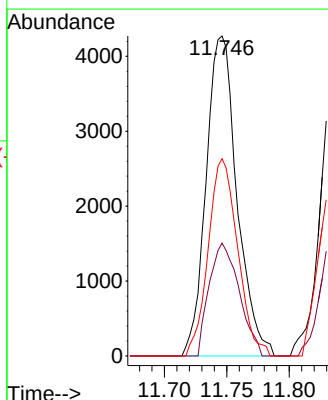
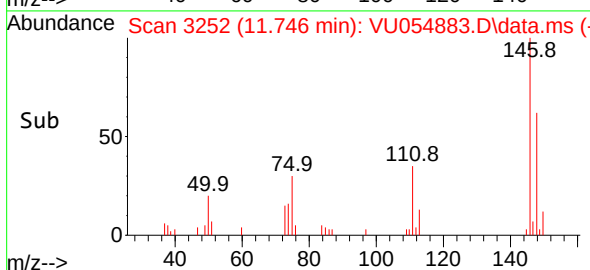
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

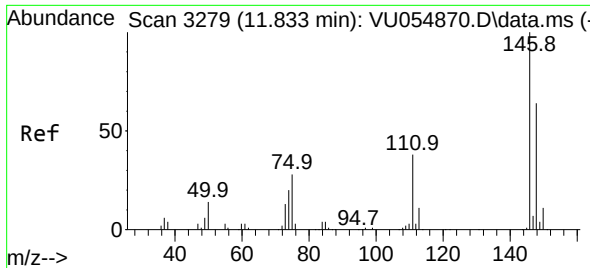


#82
1,3-Dichlorobenzene
Concen: 0.513 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.006 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08



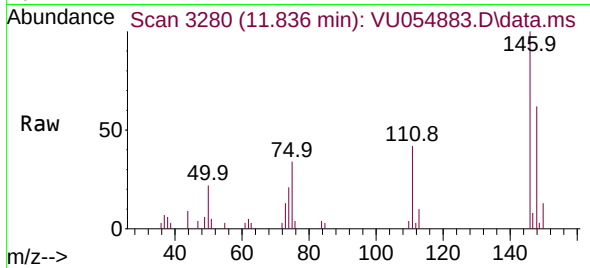
Tgt Ion:146 Resp: 7376
Ion Ratio Lower Upper
146 100
111 34.3 30.5 45.7
148 58.7 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 0.492 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

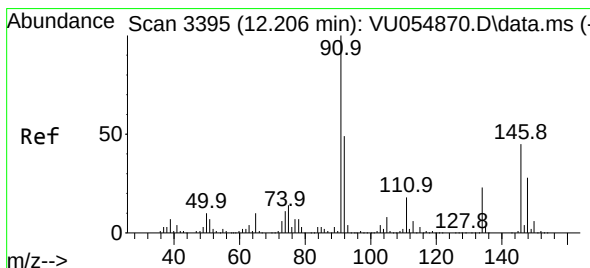
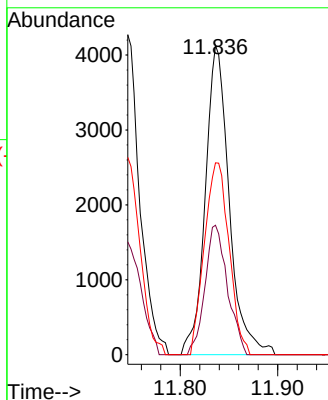
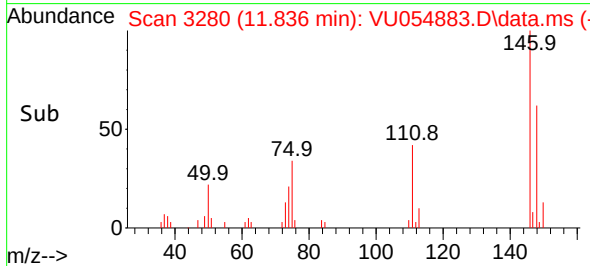
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



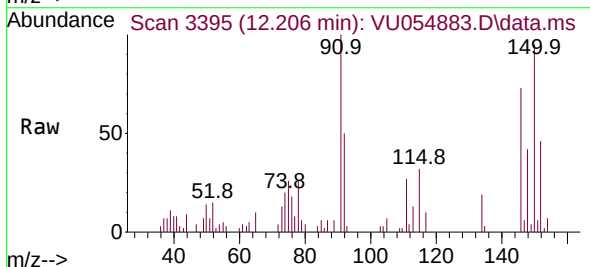
Tgt Ion:146 Resp: 7044
Ion Ratio Lower Upper
146 100
111 39.4 29.5 44.3
148 63.9 51.2 76.8

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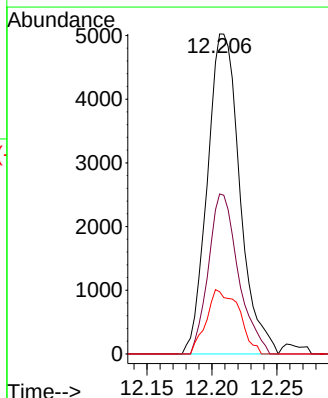
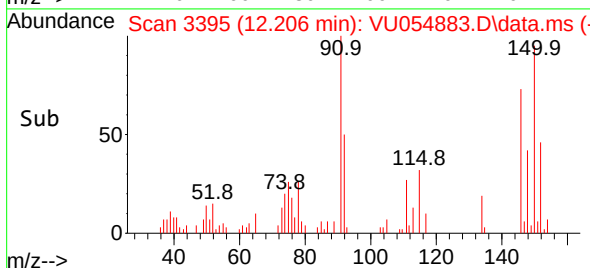
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

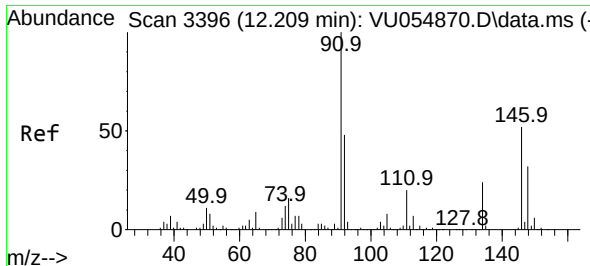


#84
n-Butylbenzene
Concen: 0.371 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08



Tgt Ion: 91 Resp: 8718
Ion Ratio Lower Upper
91 100
92 45.9 39.8 59.8
134 20.2 20.2 30.4#





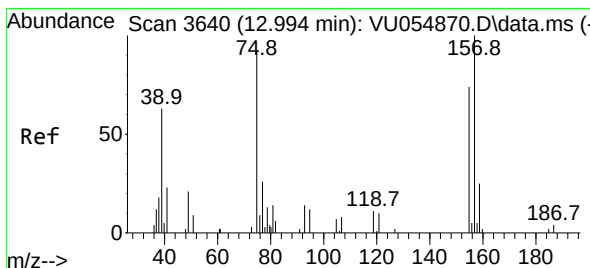
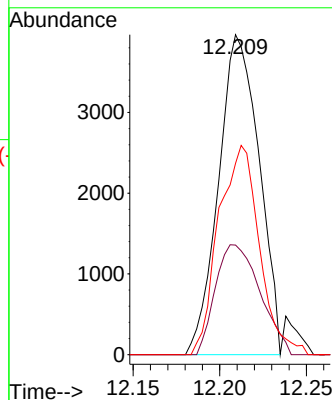
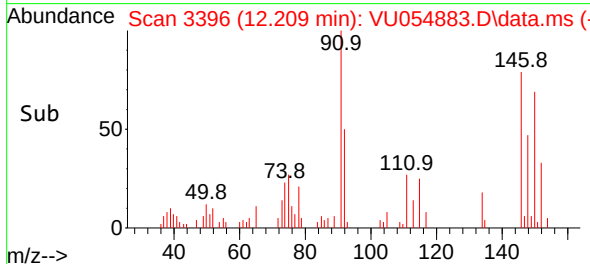
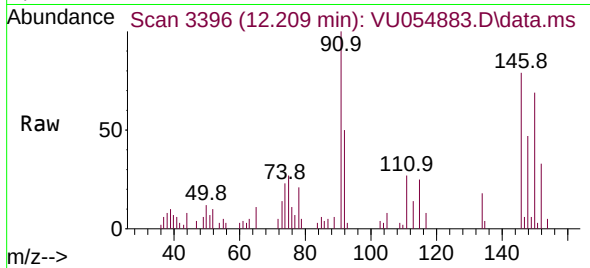
#85
1,2-Dichlorobenzene
Concen: 0.468 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:146 Resp: 644
Ion Ratio Lower Upper
146 100
111 37.8 19.8 59.4
148 65.8 31.8 95.3

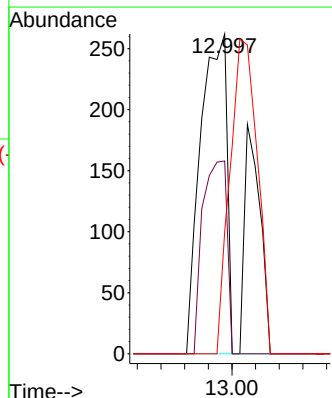
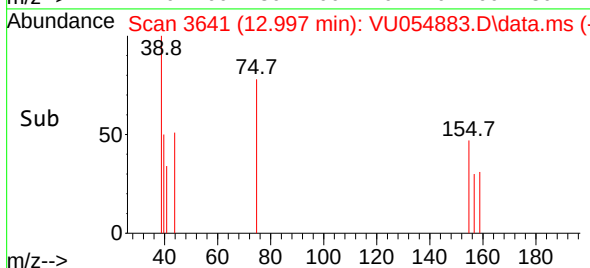
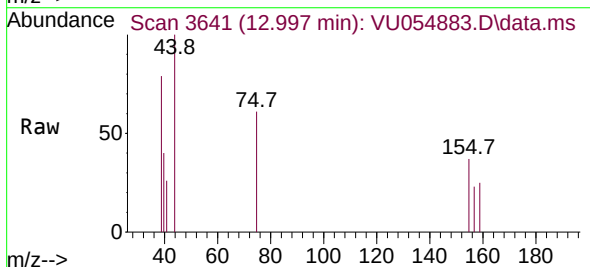
Manual Integrations
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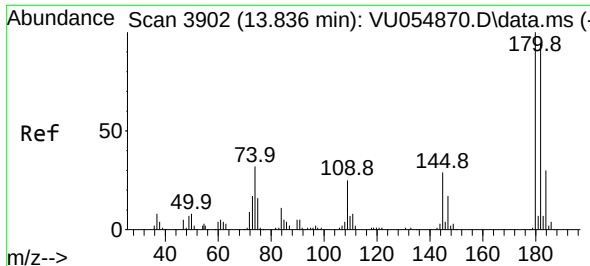
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.366 ug/l m
RT: 12.997 min Scan# 3641
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

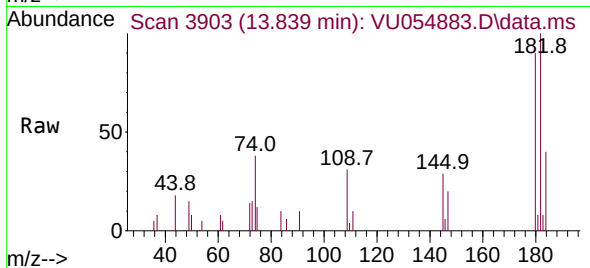
Tgt Ion: 75 Resp: 287
Ion Ratio Lower Upper
75 100
155 39.0 74.8 112.2#
157 0.0 97.4 146.0#





#87
1,2,4-Trichlorobenzene
Concen: 0.427 ug/l
RT: 13.839 min Scan# 3902
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

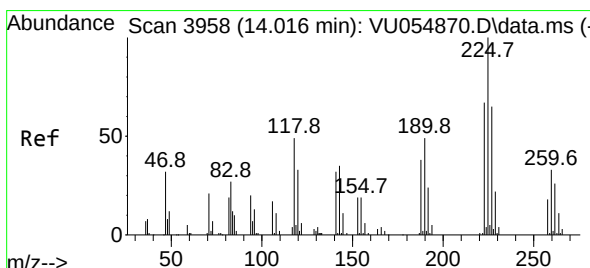
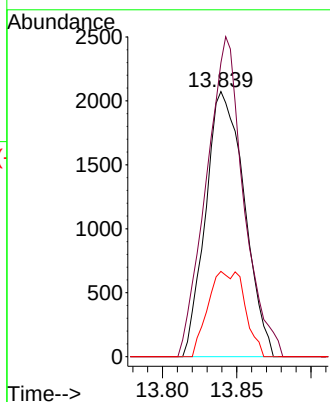
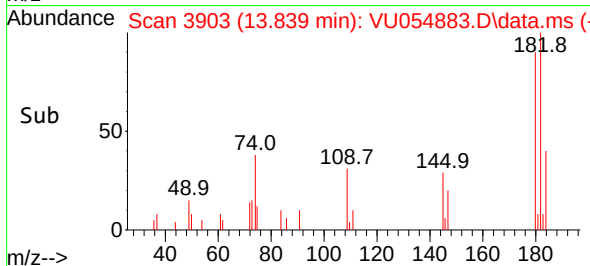
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



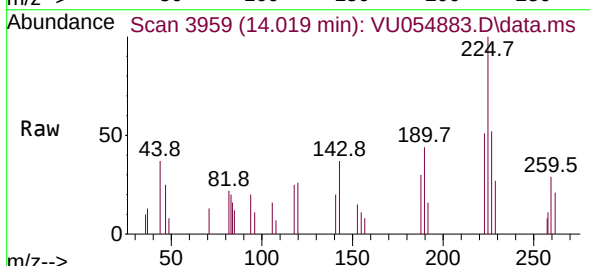
Tgt Ion:180 Resp: 375
Ion Ratio Lower Upper
180 100
182 116.4 77.0 115.6
145 30.6 23.4 35.0

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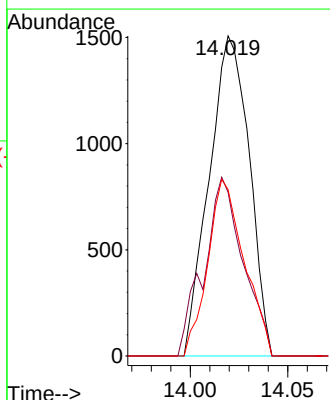
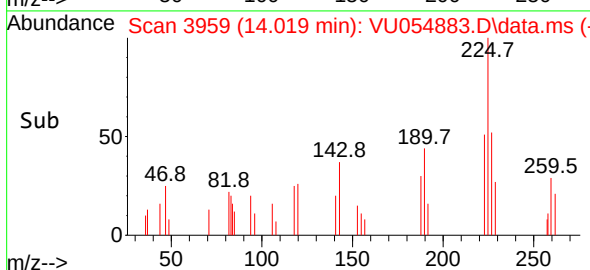
Reviewed By :Semsettin Yesilyurt 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

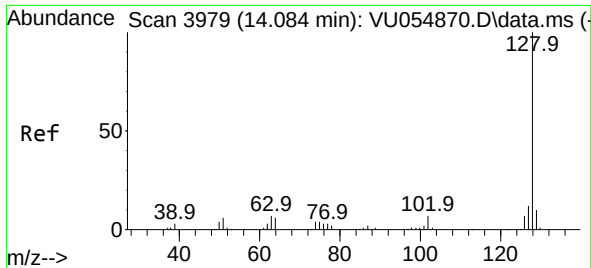


#88
Hexachlorobutadiene
Concen: 0.460 ug/l
RT: 14.019 min Scan# 3959
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08



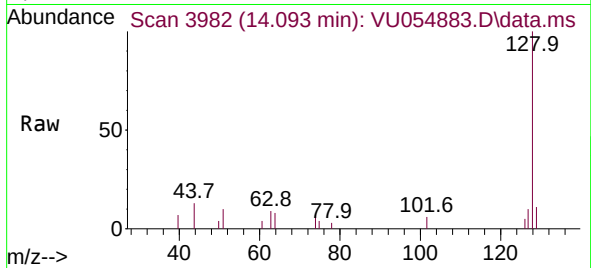
Tgt Ion:225 Resp: 2154
Ion Ratio Lower Upper
225 100
223 54.7 50.6 76.0
227 50.2 50.7 76.1#





#89
Naphthalene
Concen: 0.443 ug/l
RT: 14.093 min Scan# 3979
Delta R.T. 0.010 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

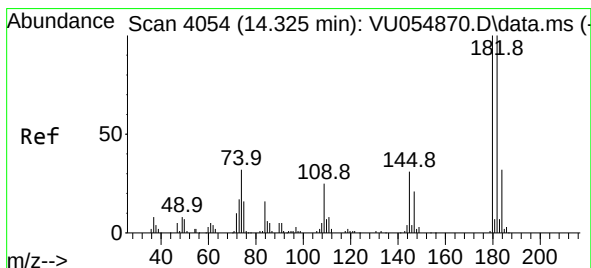
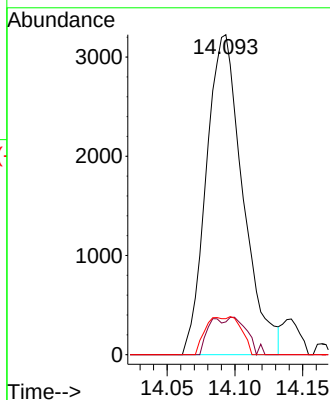
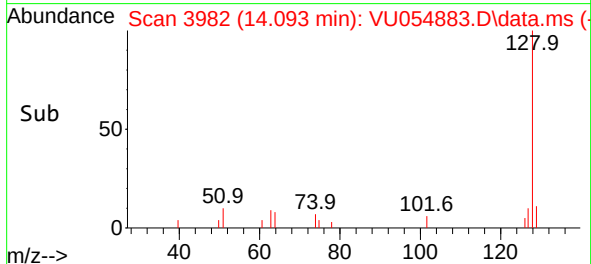
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK



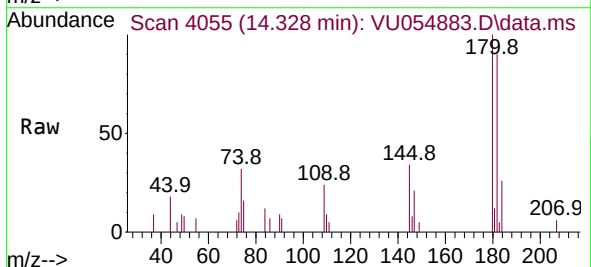
Tgt Ion:128 Resp: 603
Ion Ratio Lower Upper
128 100
127 4.8 10.6 15.8
129 5.8 8.7 13.1

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



#90
1,2,3-Trichlorobenzene
Concen: 0.426 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08



Tgt Ion:180 Resp: 3319
Ion Ratio Lower Upper
180 100
182 95.6 76.0 114.0
145 31.5 24.3 36.5

