

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072523\
 Data File : VU054869.D
 Acq On : 25 Jul 2023 11:08
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 08:54:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 08:39:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	28044	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7698	0.905	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9316	0.970	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	26661	4.993	ug/l	97
3) Chloromethane	1.515	50	26861	4.478	ug/l	95
4) Vinyl Chloride	1.599	62	37812	4.720	ug/l	95
5) Bromomethane	1.856	94	28929	4.551	ug/l	96
6) Chloroethane	1.930	64	38387	4.636	ug/l	98
7) Trichlorofluoromethane	2.133	101	89863	4.774	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	29223	4.791	ug/l	98
9) 1,1-Dichloroethene	2.573	96	22666	4.681	ug/l	93
10) Iodomethane	2.718	142	38142	5.046	ug/l	99
11) Allyl Chloride	2.917	41	27336	4.724	ug/l	97
12) Acrylonitrile	3.329	53	11878m	9.762	ug/l	
13) Acetone	2.641	43	40661	31.452	ug/l	96
14) Carbon Disulfide	2.788	76	37920	4.521	ug/l	# 94
15) Methylene Chloride	3.039	84	30353	4.886	ug/l	97
16) trans-1,2-Dichloroethene	3.348	96	26259	4.982	ug/l	97
17) 1,1-Dichloroethane	3.866	63	55135	4.677	ug/l	97
18) 2-Butanone	4.711	43	46990	28.235	ug/l	99
19) Cyclohexane	5.386	56	30300	4.568	ug/l	87
20) Methylcyclohexane	6.759	83	44471	5.014	ug/l	97
21) 2,2-Dichloropropane	4.660	77	52827	4.834	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	32989	4.709	ug/l	95
23) Diethyl Ether	2.374	59	33122	4.637	ug/l	99
24) tert-Butyl Alcohol	3.213	59	31735m	47.703	ug/l	
25) Methyl tert-Butyl Ether	3.361	73	73428	4.901	ug/l	98
26) Bromochloromethane	4.965	128	13905	4.840	ug/l	96
27) Chloroform	5.081	83	60947	4.814	ug/l	100
28) 1,1,1-Trichloroethane	5.309	97	51963	4.752	ug/l	99
29) 1,1-Dichloropropene	5.521	75	38232	4.740	ug/l	98
30) Carbon Tetrachloride	5.518	117	42112	4.614	ug/l	97
31) Isopropyl Ether	3.988	45	81765	4.699	ug/l	98
32) Ethyl-t-butyl ether	4.496	59	85700	4.783	ug/l	100
33) Tert-Amyl methyl ether	5.936	73	80573	4.757	ug/l	99
34) Propionitrile	4.792	54	10186	22.200	ug/l	# 91
35) Benzene	5.769	78	119558	4.733	ug/l	97
36) 1,2-Dichloroethane	5.792	62	33921	4.721	ug/l	99
37) Trichloroethene	6.538	130	32137	4.731	ug/l	96
38) 1,2-Dichloropropane	6.788	63	33913	4.750	ug/l	94
39) Methacrylonitrile	4.968	41	8188	4.595	ug/l	97
40) Methyl acrylate	4.849	55	12336	4.363	ug/l	# 91
41) Tetrahydrofuran	5.059	42	9327	9.098	ug/l	95
42) 1-Chlorobutane	5.454	56	49908	4.726	ug/l	100
43) Dibromomethane	6.914	93	16615	4.954	ug/l	98
44) Bromodichloromethane	7.100	83	44333	4.744	ug/l	# 95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072523\
 Data File : VU054869.D
 Acq On : 25 Jul 2023 11:08
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

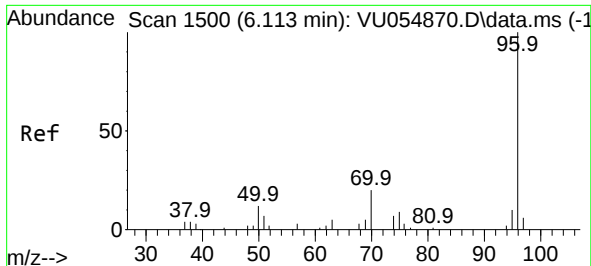
Manual Integrations
 APPROVED

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

Quant Time: Jul 26 08:54:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 08:39:04 2023
 Response via : Initial Calibration

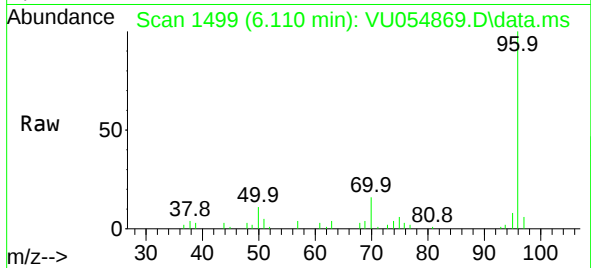
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	94981	24.271	ug/l	100
46) t-1,4-Dichloro-2-butene	10.830	75	14995m	9.381	ug/l	
47) Methyl methacrylate	6.956	69	29556	9.639	ug/l	94
48) Ethyl methacrylate	8.332	69	29367	4.735	ug/l	99
49) Toluene	7.965	92	76453	4.751	ug/l	98
50) t-1,3-Dichloropropene	8.206	75	40036	4.826	ug/l	96
51) cis-1,3-Dichloropropene	7.602	75	48547	4.761	ug/l	94
52) 1,1,2-Trichloroethane	8.396	97	26012	4.892	ug/l	87
53) 1,3-Dichloropropane	8.570	76	42162	4.902	ug/l	95
54) 2-Hexanone	8.682	43	77446	27.851	ug/l	99
55) Dibromochloromethane	8.804	129	29202	4.794	ug/l	97
56) 1,2-Dibromoethane	8.920	107	22660	5.029	ug/l	99
58) Tetrachloroethene	8.550	164	28483	4.803	ug/l	97
59) Chlorobenzene	9.441	112	91379	4.680	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.531	131	32857	4.766	ug/l	97
61) Pentachloroethane	11.422	117	25567	4.747	ug/l	100
62) Hexachloroethane	12.470	117	25867	4.670	ug/l	94
63) Ethyl Benzene	9.566	91	158607	4.841	ug/l	99
64) m/p-Xylenes	9.689	106	118699	9.683	ug/l	98
65) o-Xylene	10.097	106	60825	4.831	ug/l	96
66) Styrene	10.110	104	95946	4.766	ug/l	99
67) Bromoform	10.287	173	15843	5.015	ug/l	96
69) Isopropylbenzene	10.480	105	162049	4.794	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.779	83	30832	4.685	ug/l	99
71) 1,2,3-Trichloropropane	10.824	75	21336m	4.517	ug/l	
72) Bromobenzene	10.779	156	36531	4.854	ug/l	97
73) n-propylbenzene	10.901	120	44213	4.887	ug/l	97
74) 2-Chlorotoluene	10.981	126	38152	4.872	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	133645	4.882	ug/l	99
76) 4-Chlorotoluene	11.094	126	39471	4.851	ug/l	95
77) tert-Butylbenzene	11.415	119	136948	4.811	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	134533	4.801	ug/l	99
79) sec-Butylbenzene	11.640	105	182777	4.939	ug/l	100
80) Nitrobenzene	13.206	77	3907	22.598	ug/l #	95
81) p-Isopropyltoluene	11.788	119	145249	4.973	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	74739	4.665	ug/l	99
83) 1,4-Dichlorobenzene	11.833	146	76581	4.795	ug/l	99
84) n-Butylbenzene	12.206	91	128100	4.883	ug/l	100
85) 1,2-Dichlorobenzene	12.209	146	72147	4.697	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	4126	4.716	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	45457	4.640	ug/l	98
88) Hexachlorobutadiene	14.016	225	24342	4.659	ug/l	98
89) Naphthalene	14.084	128	68265	4.500	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	39223	4.513	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

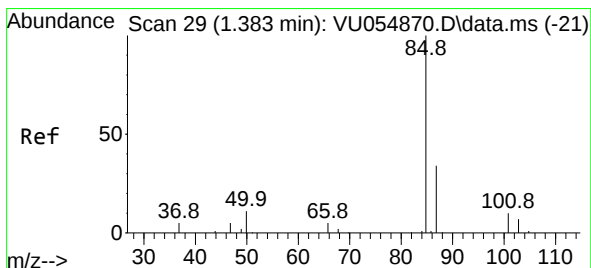
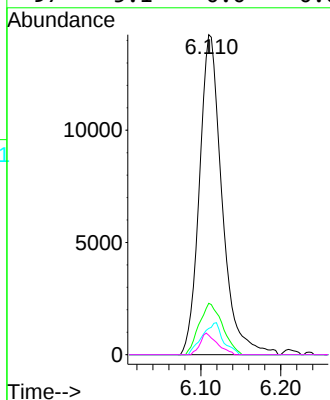
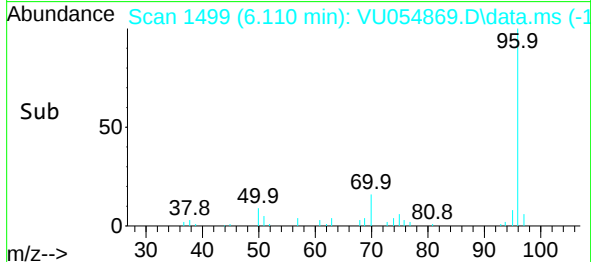
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 2804
Ion Ratio Lower Upper
96 100
70 16.6 14.0 21.0
95 9.2 8.7 13.1
97 5.1 0.0 0.0#

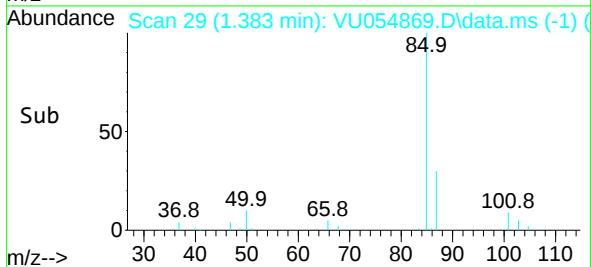
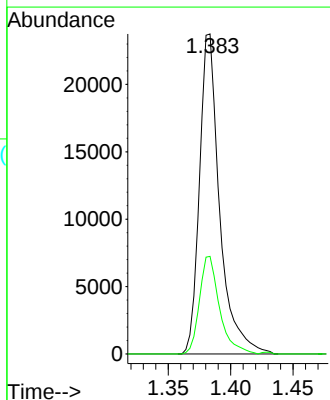
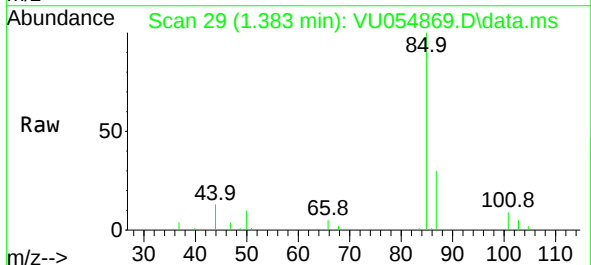
Manual Integrations
APPROVED

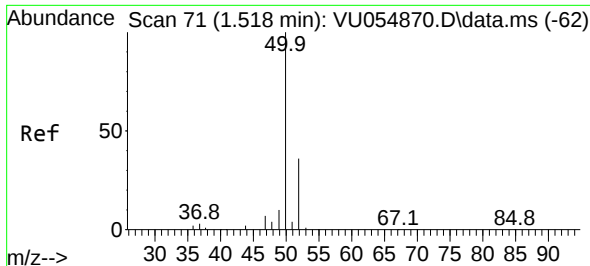
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#2
Dichlorodifluoromethane
Concen: 4.993 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

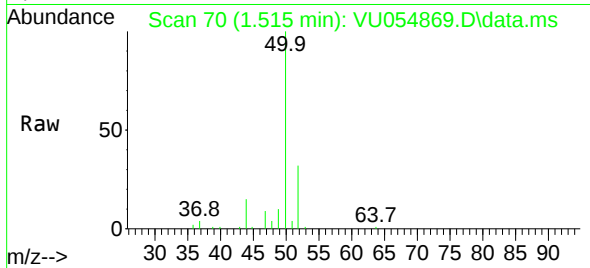
Tgt Ion: 85 Resp: 26661
Ion Ratio Lower Upper
85 100
87 30.5 16.2 48.6





#3
Chloromethane
Concen: 4.478 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

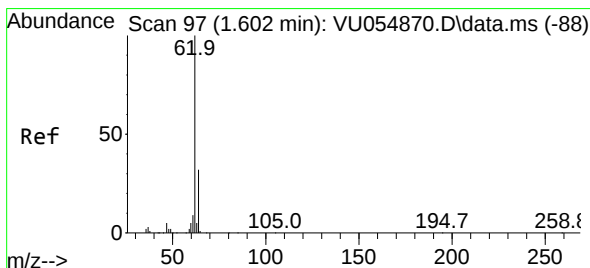
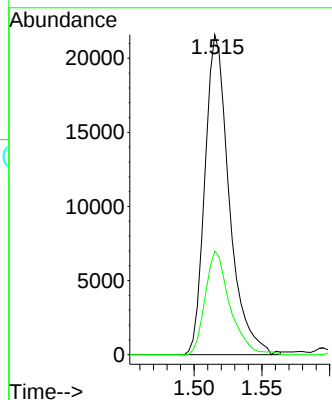
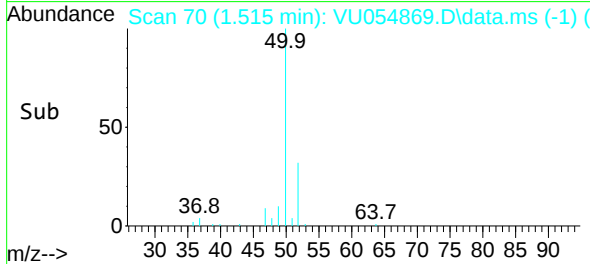
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 2686
Ion Ratio Lower Upper
50 100
52 32.3 28.2 42.2

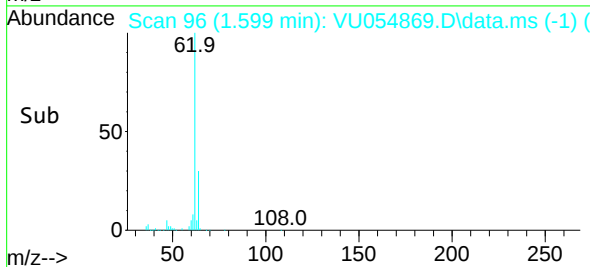
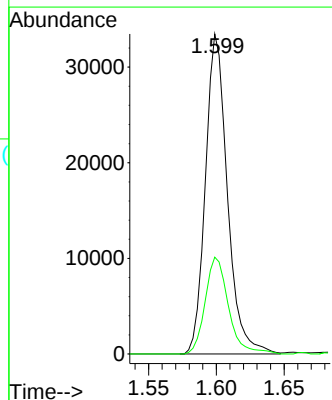
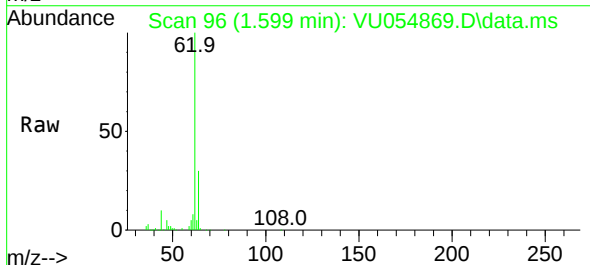
Manual Integrations
APPROVED

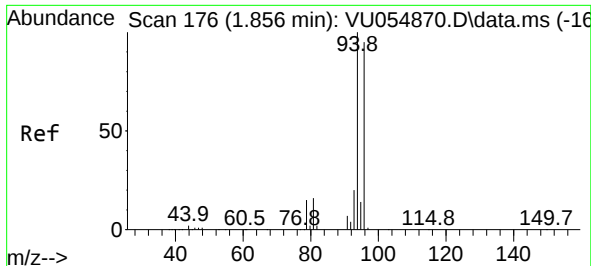
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#4
Vinyl Chloride
Concen: 4.720 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

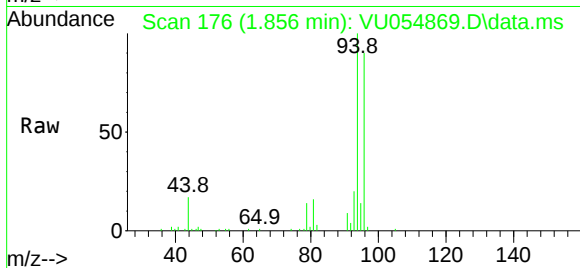
Tgt Ion: 62 Resp: 37812
Ion Ratio Lower Upper
62 100
64 30.2 26.4 39.6





#5
Bromomethane
Concen: 4.551 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

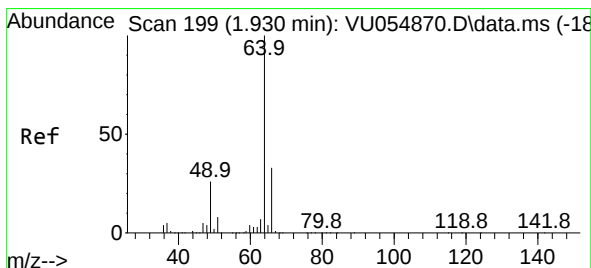
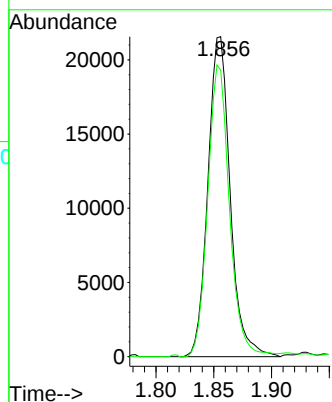
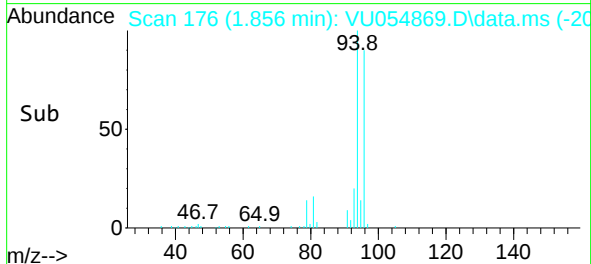
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



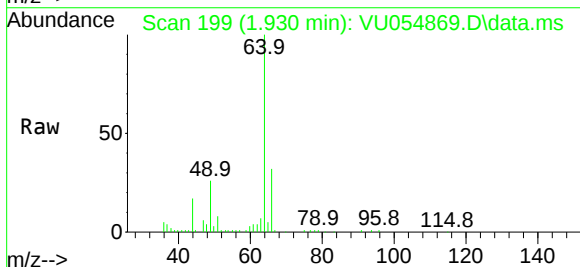
Tgt Ion: 94 Resp: 28929
Ion Ratio Lower Upper
94 100
96 89.6 74.6 111.8

Manual Integrations
APPROVED

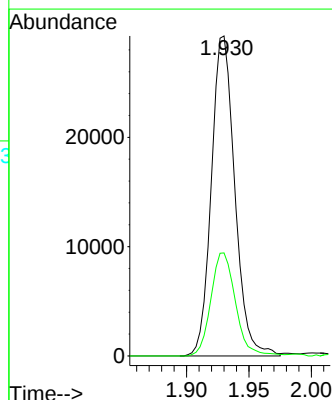
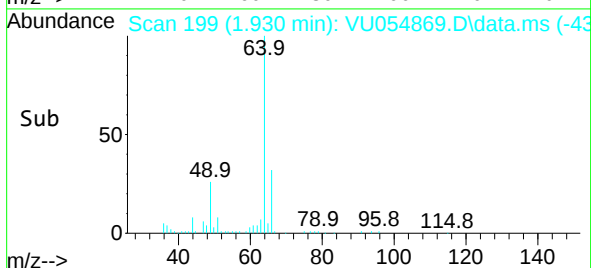
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

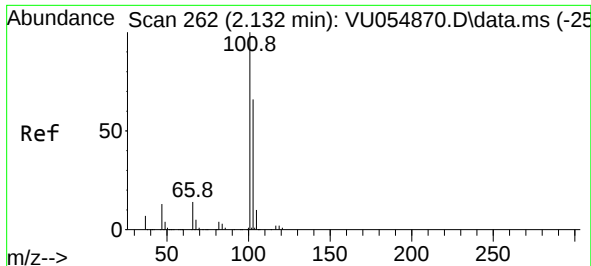


#6
Chloroethane
Concen: 4.636 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08



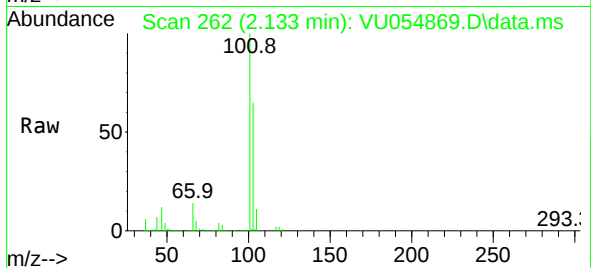
Tgt Ion: 64 Resp: 38387
Ion Ratio Lower Upper
64 100
66 31.7 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 4.774 ug/l
 RT: 2.133 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU054869.D
 Acq: 25 Jul 2023 11:08

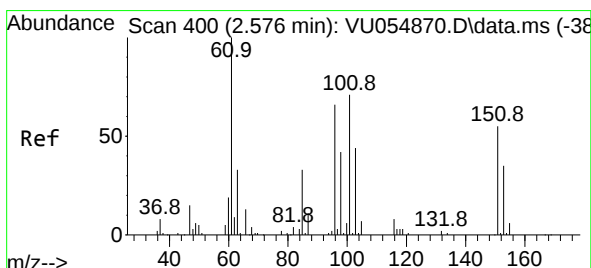
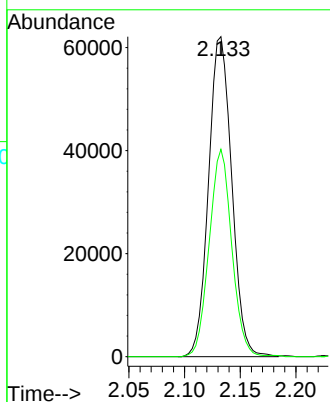
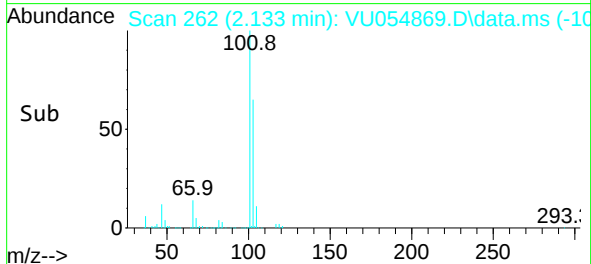
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



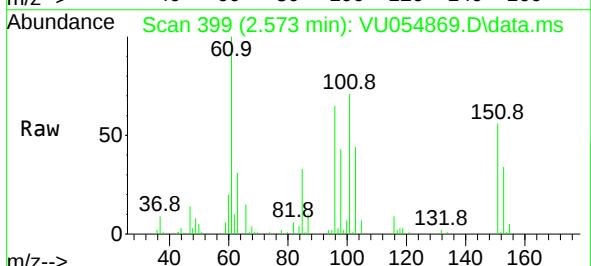
Tgt Ion:101 Resp: 8986
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.9 79.3

Manual Integrations
 APPROVED

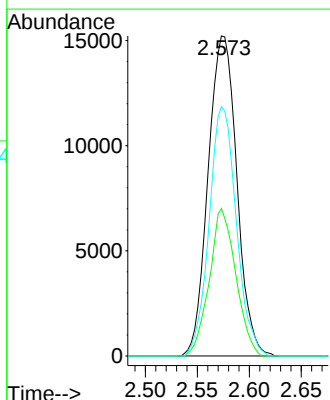
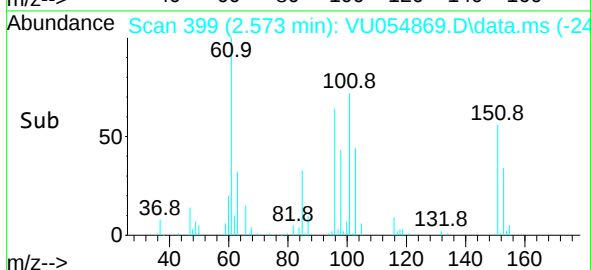
Reviewed By :Mahesh Dadoda 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

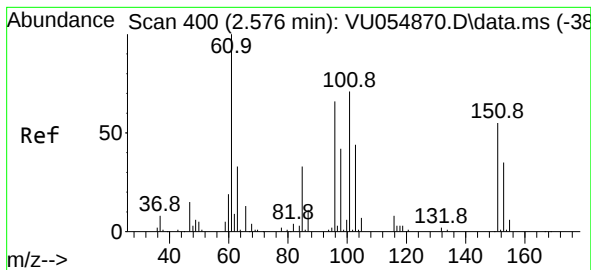


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.791 ug/l
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU054869.D
 Acq: 25 Jul 2023 11:08



Tgt Ion:101 Resp: 29223
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.8 52.2
 151 73.9 60.5 90.7





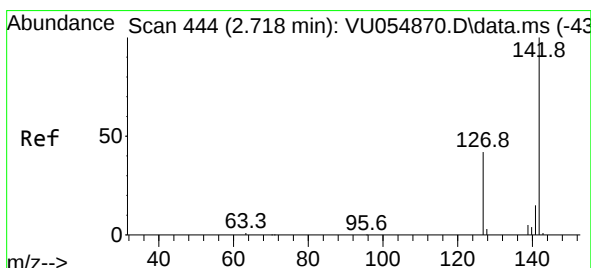
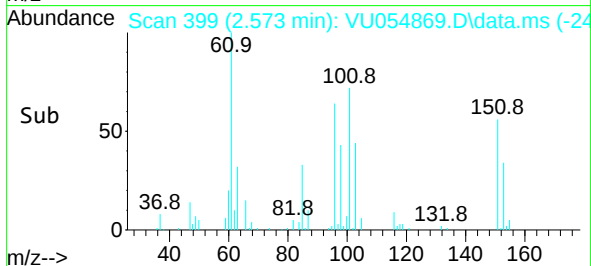
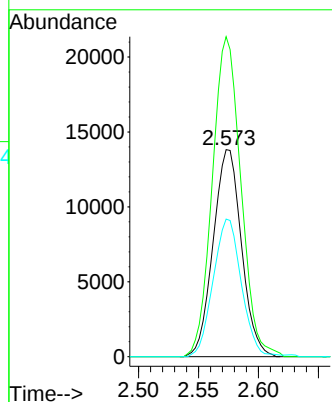
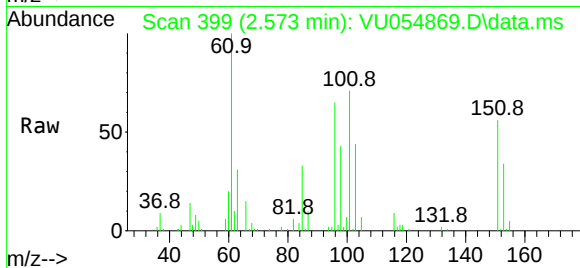
#9
1,1-Dichloroethene
Concen: 4.681 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 2266
Ion Ratio Lower Upper
96 100
61 154.5 0.0 440.1
98 66.4 0.0 121.8

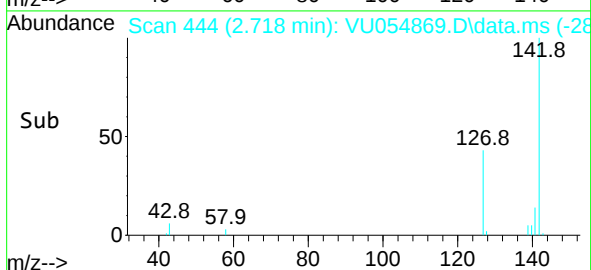
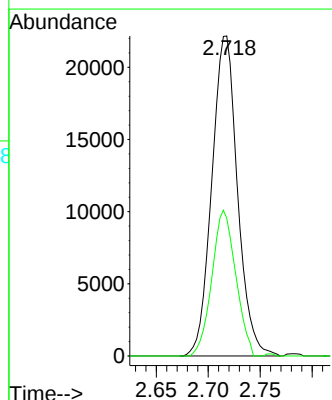
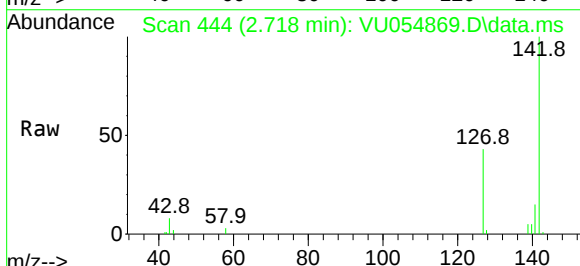
Manual Integrations
APPROVED

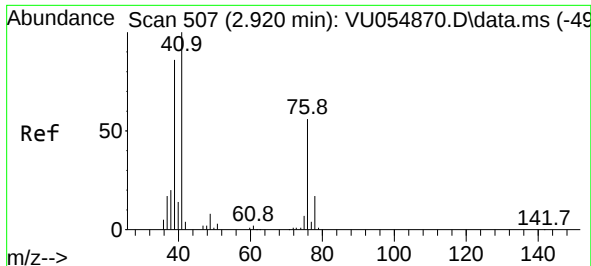
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#10
Iodomethane
Concen: 5.046 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

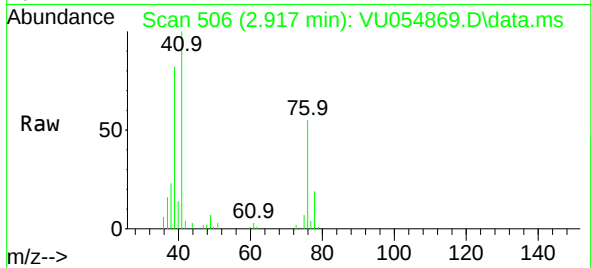
Tgt Ion:142 Resp: 38142
Ion Ratio Lower Upper
142 100
127 42.2 34.3 51.5





#11
 Allyl Chloride
 Concen: 4.724 ug/l
 RT: 2.917 min Scan# 507
 Delta R.T. -0.003 min
 Lab File: VU054869.D
 Acq: 25 Jul 2023 11:08

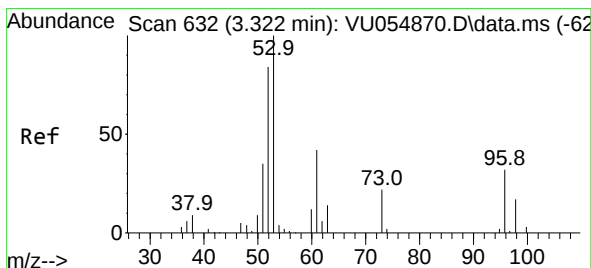
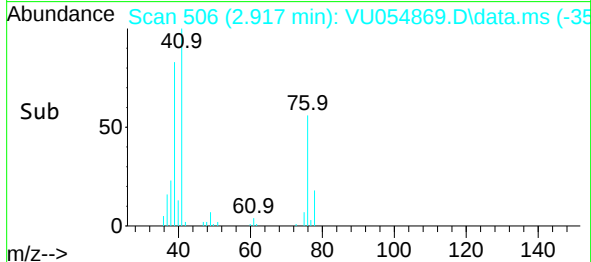
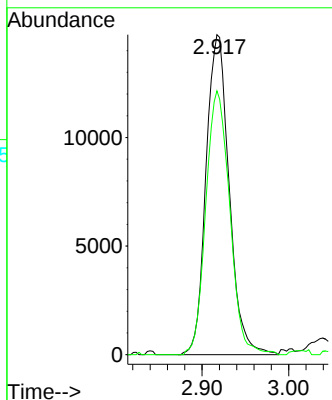
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



Tgt Ion: 41 Resp: 27336
 Ion Ratio Lower Upper
 41 100
 39 85.4 70.2 105.2

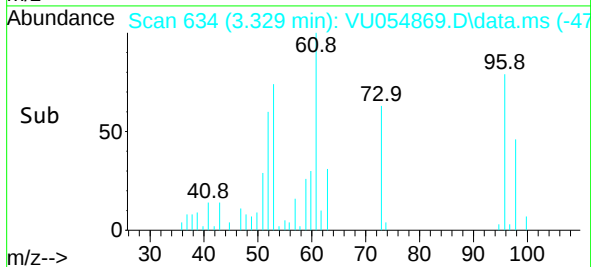
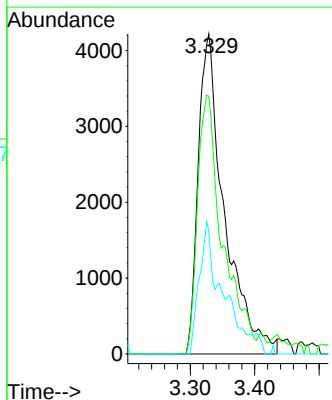
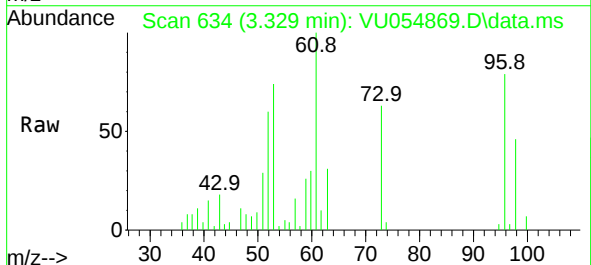
Manual Integrations
 APPROVED

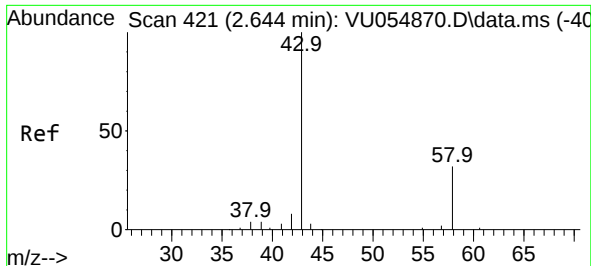
Reviewed By :Mahesh Dadoda 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#12
 Acrylonitrile
 Concen: 9.762 ug/l m
 RT: 3.329 min Scan# 634
 Delta R.T. 0.007 min
 Lab File: VU054869.D
 Acq: 25 Jul 2023 11:08

Tgt Ion: 53 Resp: 11878
 Ion Ratio Lower Upper
 53 100
 52 77.6 64.2 96.4
 51 20.6 33.6 50.4#





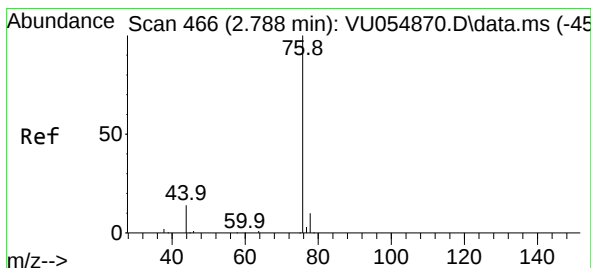
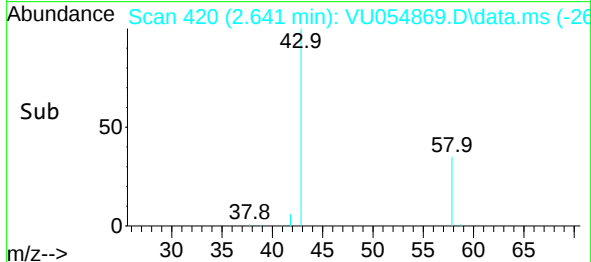
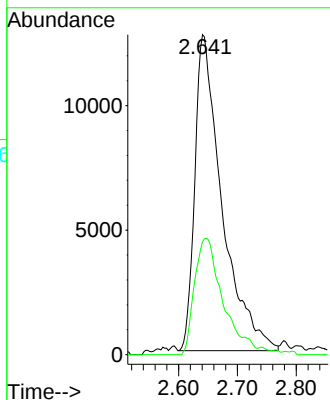
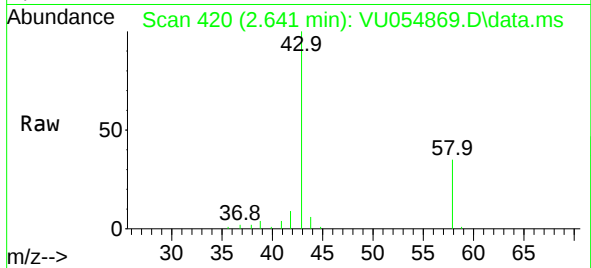
#13
Acetone
Concen: 31.452 ug/l
RT: 2.641 min Scan# 41
Delta R.T. -0.009 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 4066
Ion Ratio Lower Upper
43 100
58 35.7 30.7 46.1

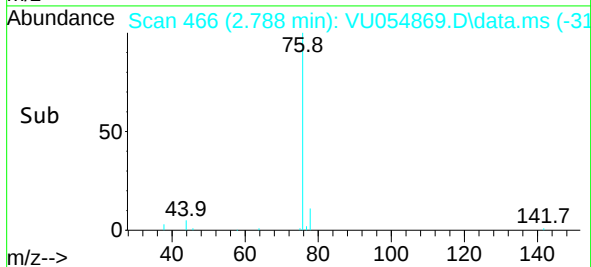
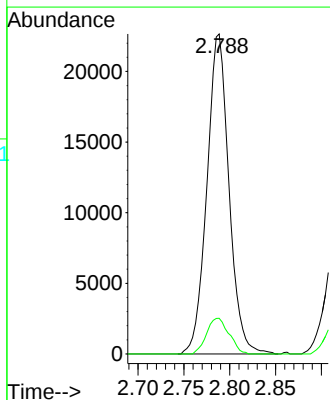
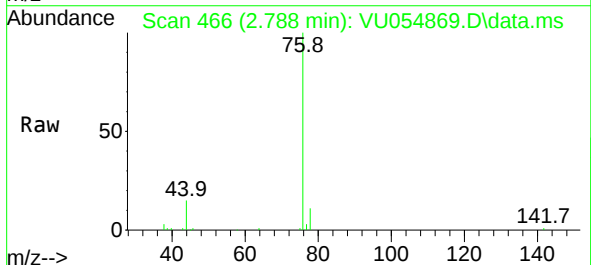
Manual Integrations
APPROVED

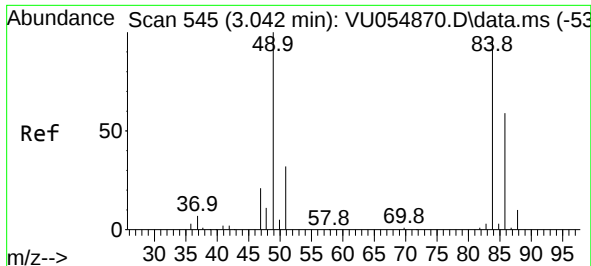
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#14
Carbon Disulfide
Concen: 4.521 ug/l
RT: 2.788 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

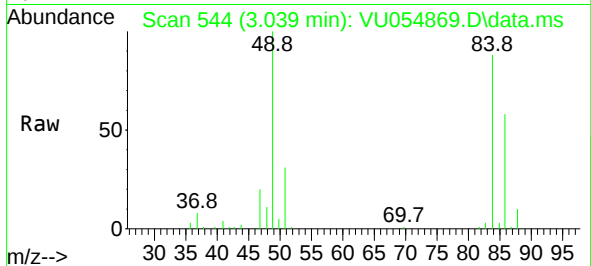
Tgt Ion: 76 Resp: 37920
Ion Ratio Lower Upper
76 100
78 11.2 7.1 10.7#





#15
Methylene Chloride
Concen: 4.886 ug/l
RT: 3.039 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

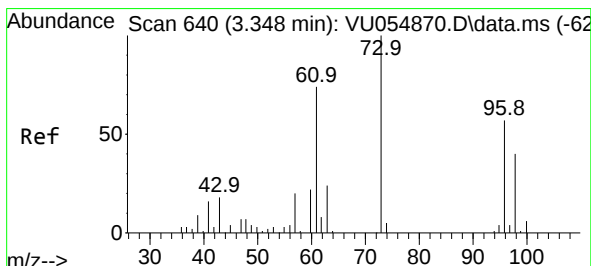
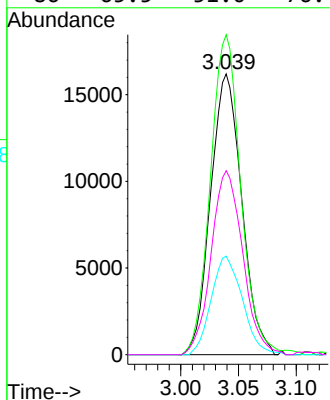
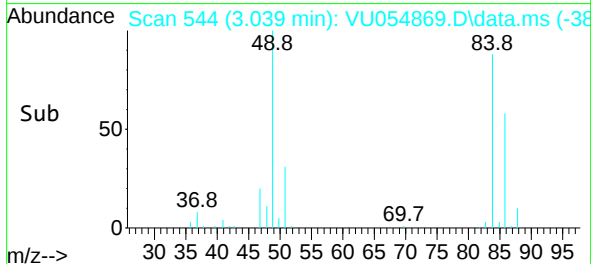
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 84 Resp: 3035
Ion Ratio Lower Upper
84 100
49 114.0 87.8 131.6
51 35.1 0.0 68.2
86 65.5 51.0 76.4

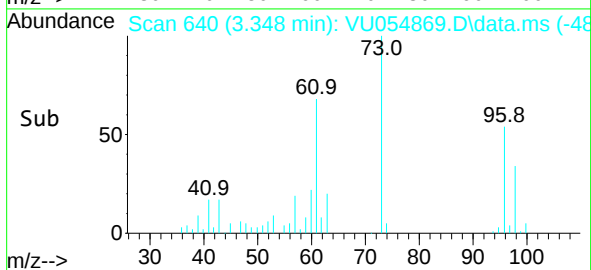
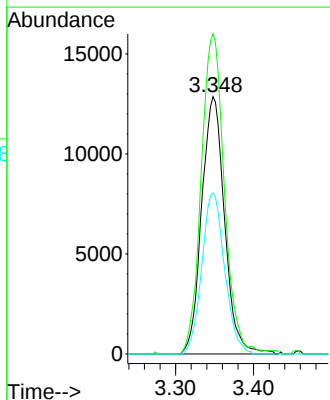
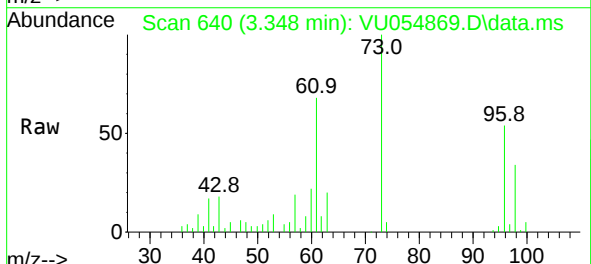
Manual Integrations
APPROVED

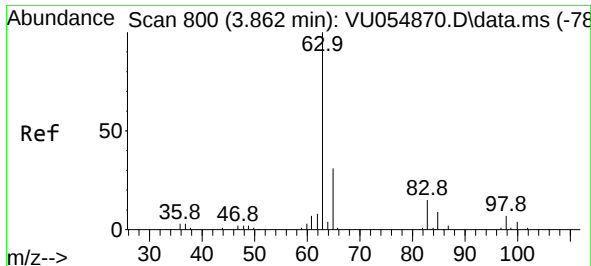
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#16
trans-1,2-Dichloroethene
Concen: 4.982 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Tgt Ion: 96 Resp: 26259
Ion Ratio Lower Upper
96 100
61 124.4 96.4 144.6
98 62.6 49.3 73.9





#17
1,1-Dichloroethane
Concen: 4.677 ug/l
RT: 3.866 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

Client Sample Id :

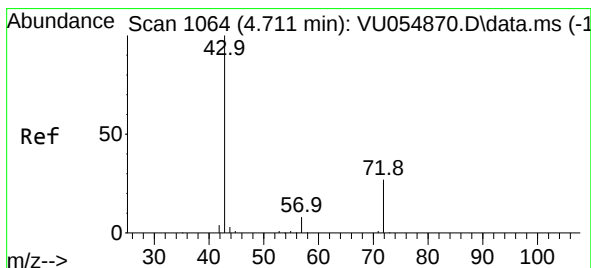
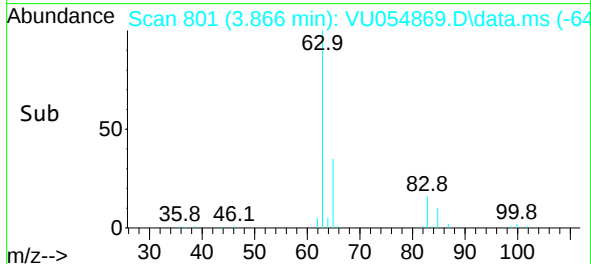
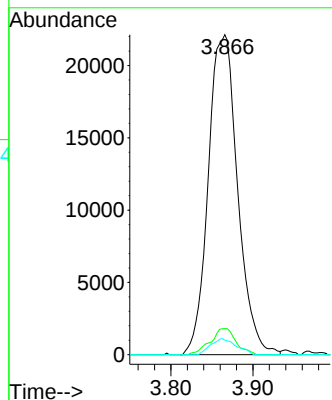
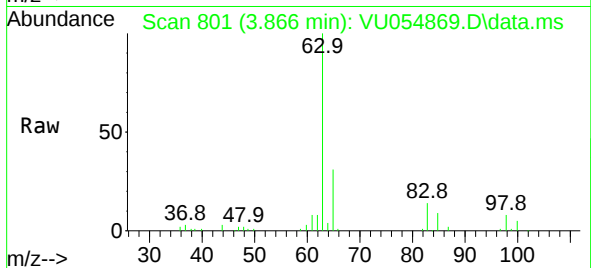
VSTDIC005

Tgt Ion: 63 Resp: 5513
Ion Ratio Lower Upper
63 100
98 8.2 3.6 10.8
100 4.6 2.8 8.4

Manual Integrations

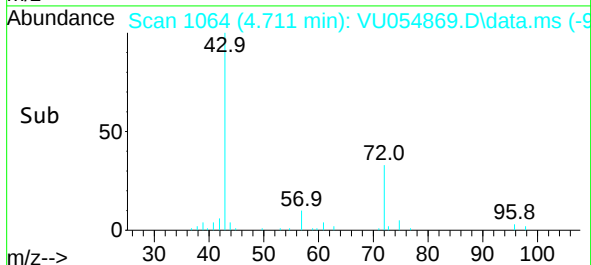
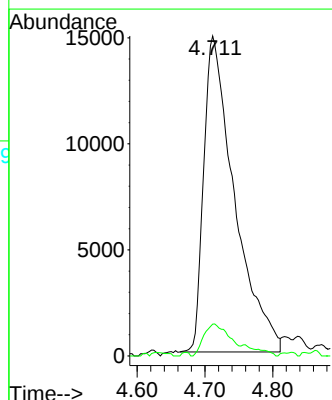
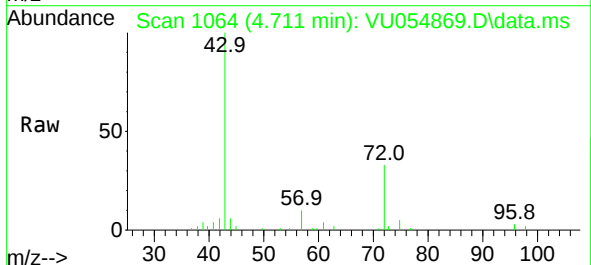
APPROVED

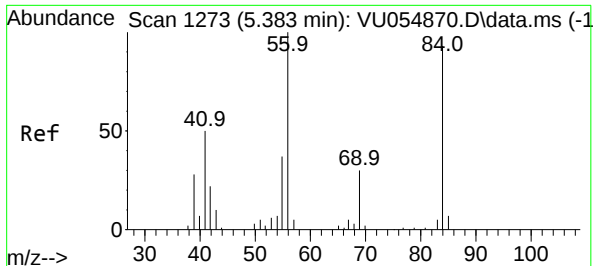
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#18
2-Butanone
Concen: 28.235 ug/l
RT: 4.711 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Tgt Ion: 43 Resp: 46990
Ion Ratio Lower Upper
43 100
57 10.1 0.0 20.8





#19

Cyclohexane

Concen: 4.568 ug/l

RT: 5.386 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 30300

Ion Ratio Lower Upper

56 100

69 34.8 24.7 37.1

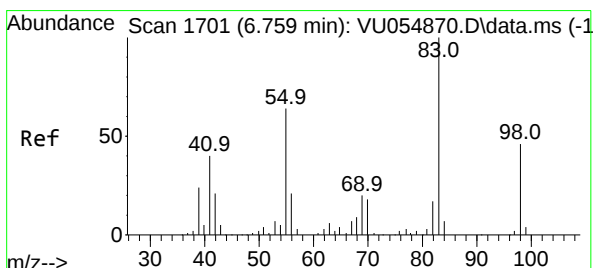
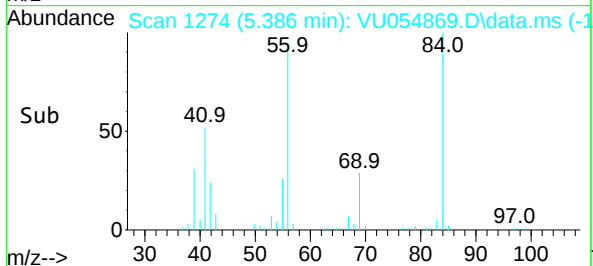
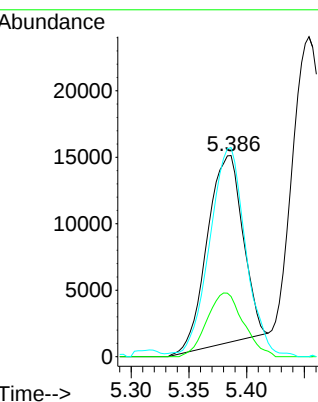
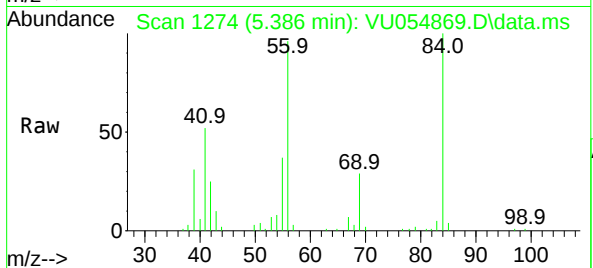
84 110.6 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#20

Methylcyclohexane

Concen: 5.014 ug/l

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

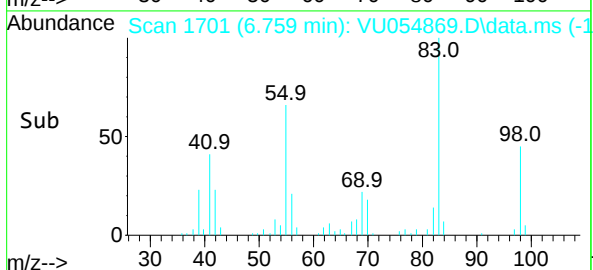
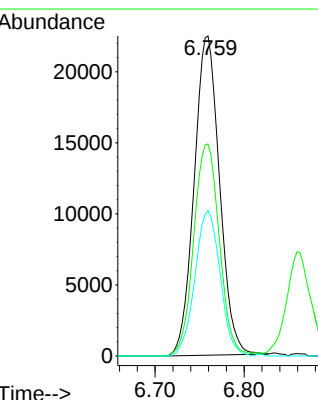
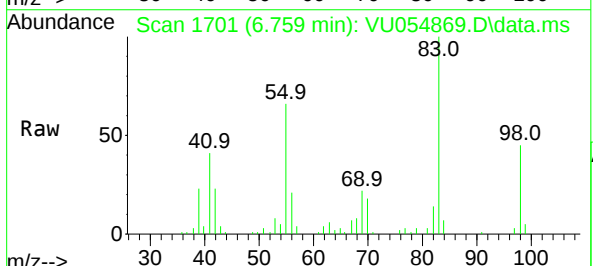
Tgt Ion: 83 Resp: 44471

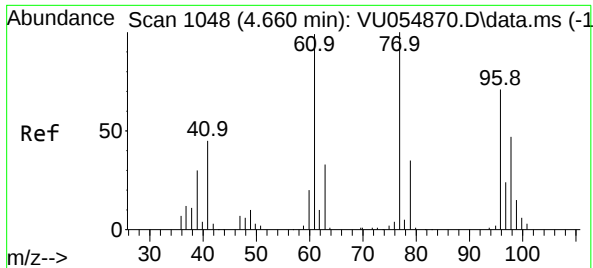
Ion Ratio Lower Upper

83 100

55 65.7 51.6 77.4

98 45.2 38.2 57.2





#21

2,2-Dichloropropane

Concen: 4.834 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 77 Resp: 5282

Ion Ratio Lower Upper

77 100

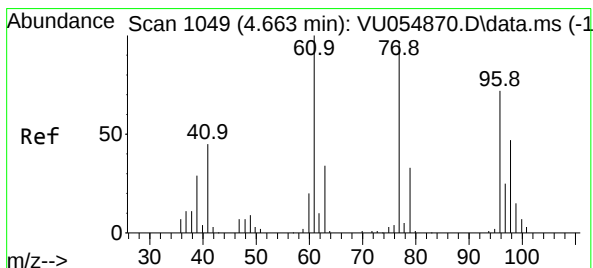
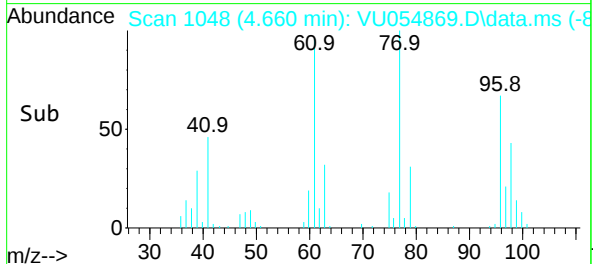
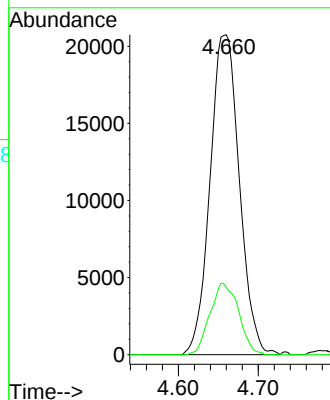
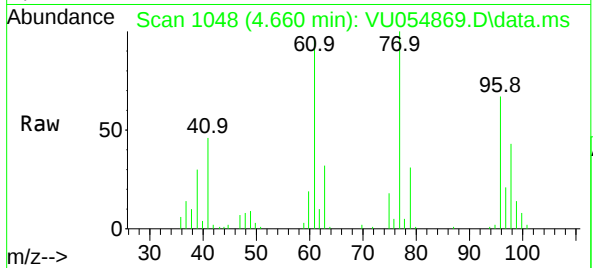
97 21.8 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#22

cis-1,2-Dichloroethene

Concen: 4.709 ug/l

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

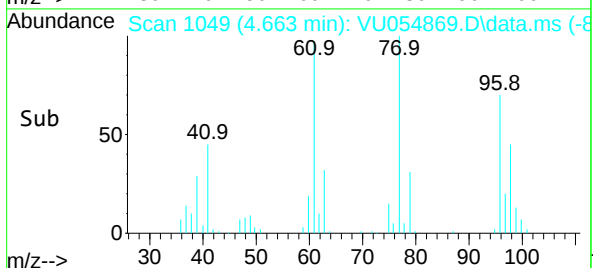
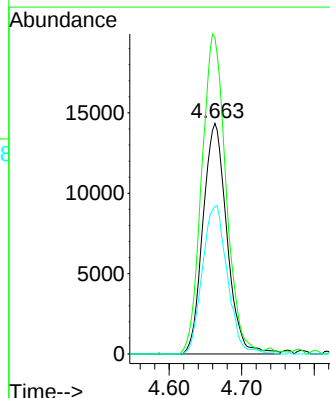
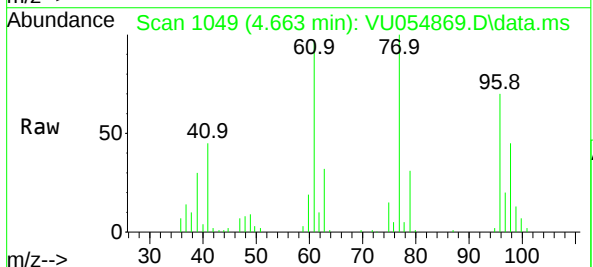
Tgt Ion: 96 Resp: 32989

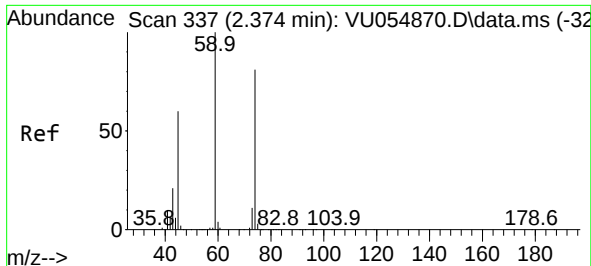
Ion Ratio Lower Upper

96 100

61 140.4 0.0 332.0

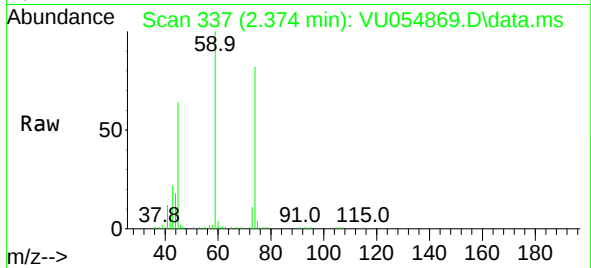
98 66.9 32.5 97.5





#23
Diethyl Ether
Concen: 4.637 ug/l
RT: 2.374 min Scan# 312
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

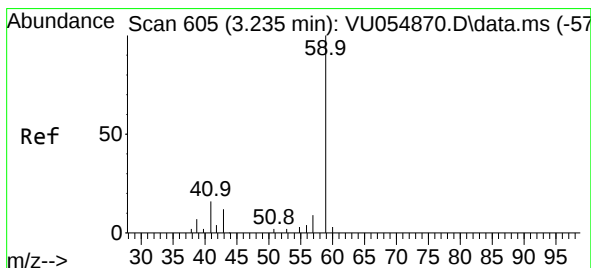
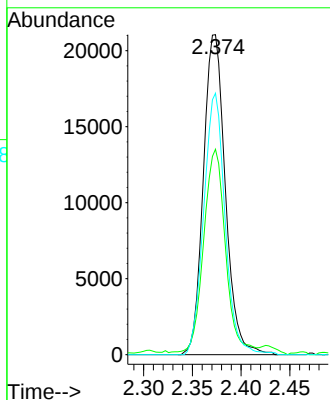
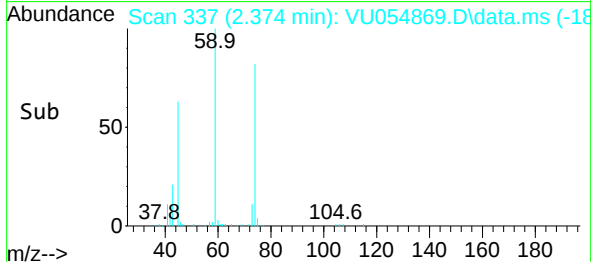
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 3312
Ion Ratio Lower Upper
59 100
45 62.8 51.4 77.0
74 79.3 63.1 94.7

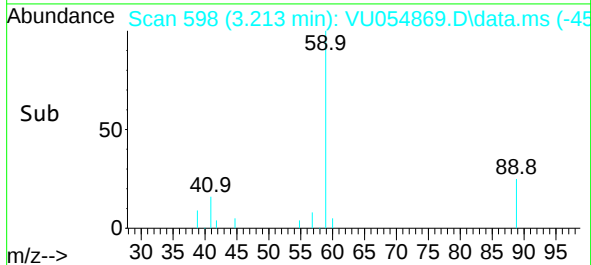
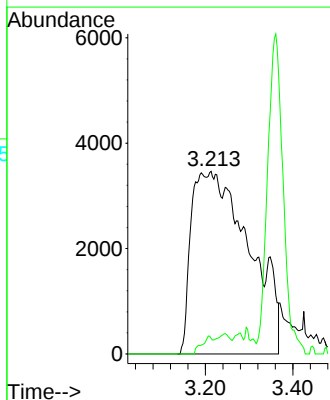
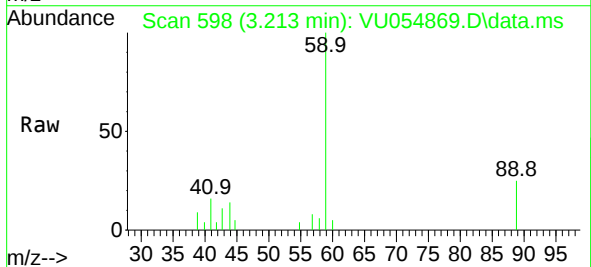
Manual Integrations
APPROVED

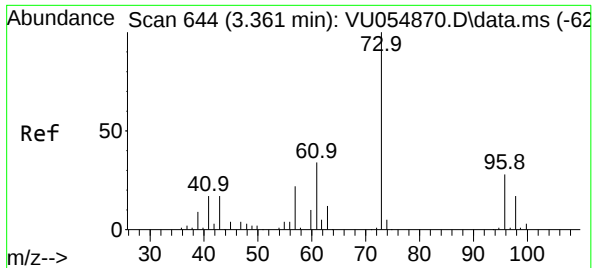
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#24
tert-Butyl Alcohol
Concen: 47.703 ug/l m
RT: 3.213 min Scan# 598
Delta R.T. -0.051 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Tgt Ion: 59 Resp: 31735
Ion Ratio Lower Upper
59 100
57 1.7 2.2 3.2#





#25
Methyl tert-Butyl Ether
Concen: 4.901 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

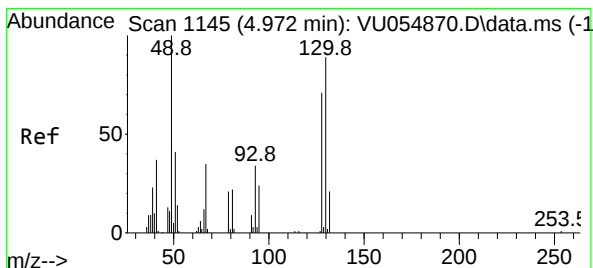
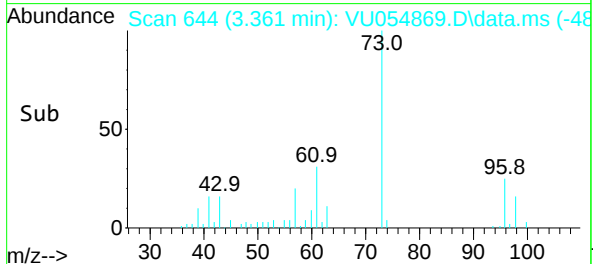
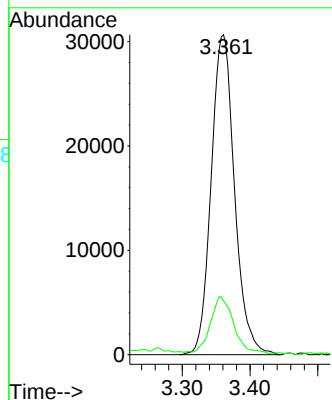
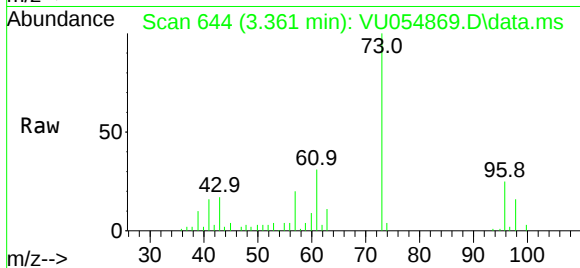
ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 73428
Ion Ratio Lower Upper
73 100
43 17.4 14.6 22.0

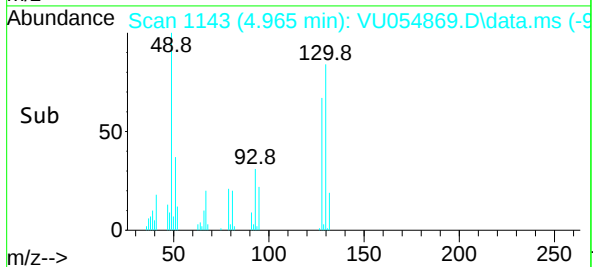
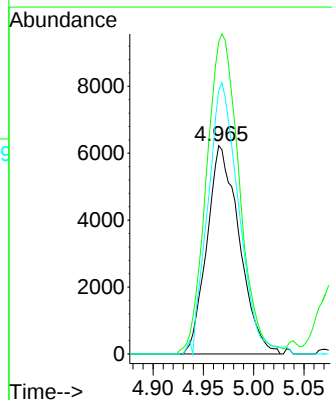
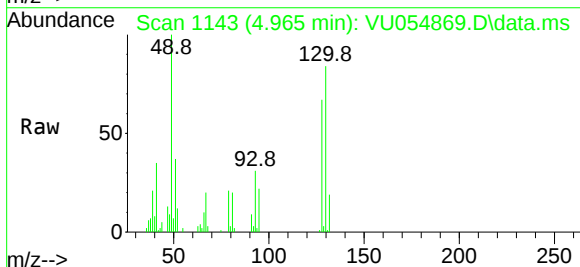
Manual Integrations
APPROVED

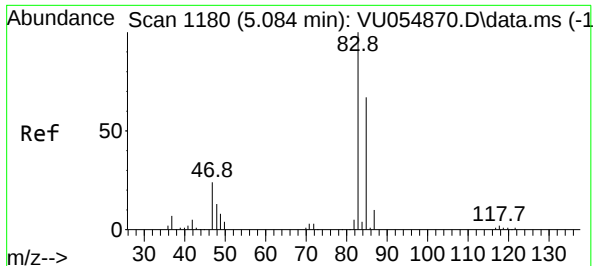
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#26
Bromochloromethane
Concen: 4.840 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Tgt Ion:128 Resp: 13905
Ion Ratio Lower Upper
128 100
49 155.5 0.0 304.0
130 125.2 104.3 156.5





#27

Chloroform

Concen: 4.814 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 6094

Ion Ratio Lower Upper

83 100

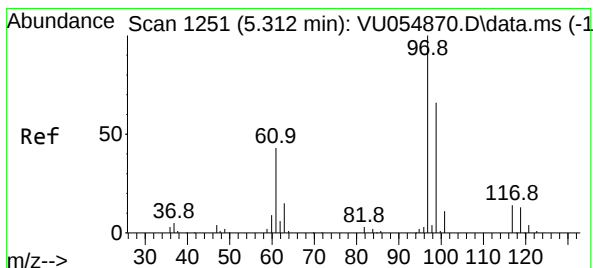
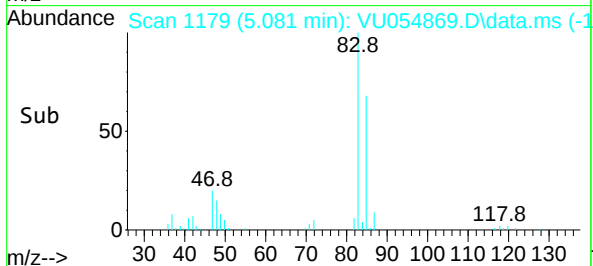
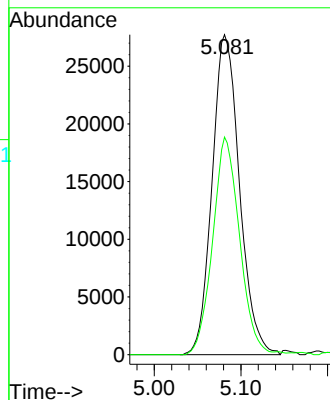
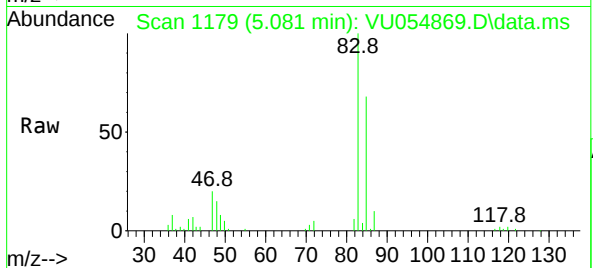
85 68.0 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#28

1,1,1-Trichloroethane

Concen: 4.752 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

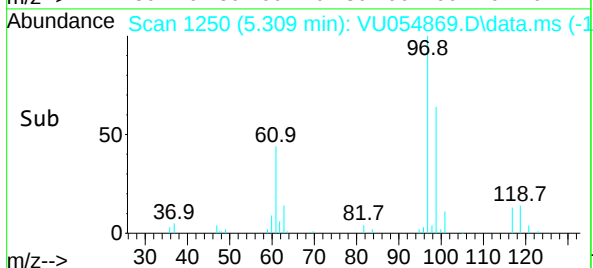
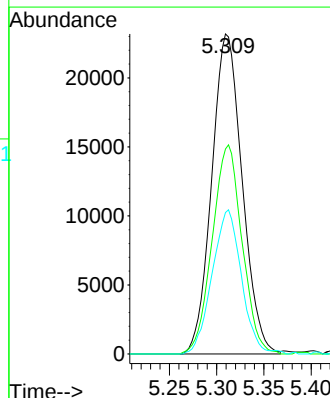
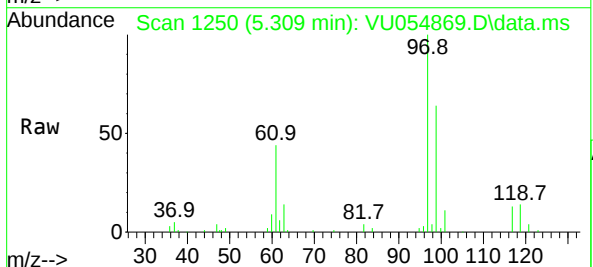
Tgt Ion: 97 Resp: 51963

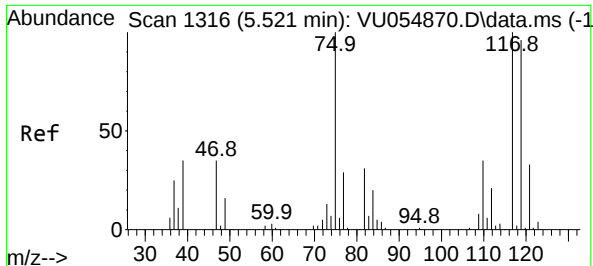
Ion Ratio Lower Upper

97 100

99 64.0 32.0 96.2

61 43.0 21.0 63.0





#29

1,1-Dichloropropene

Concen: 4.740 ug/l

RT: 5.521 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

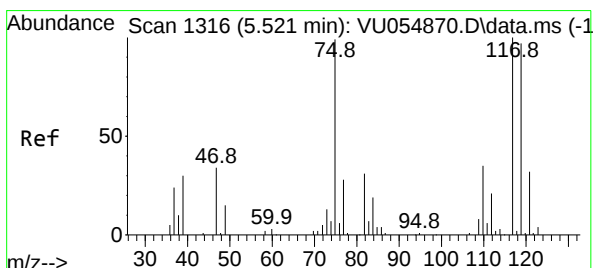
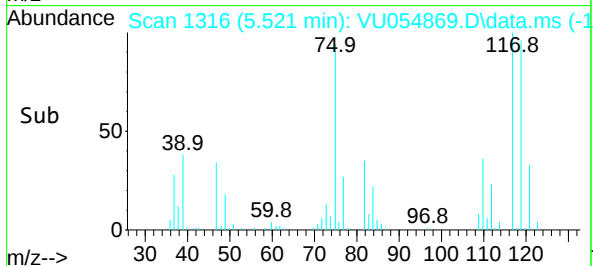
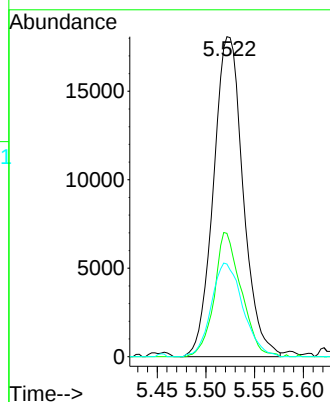
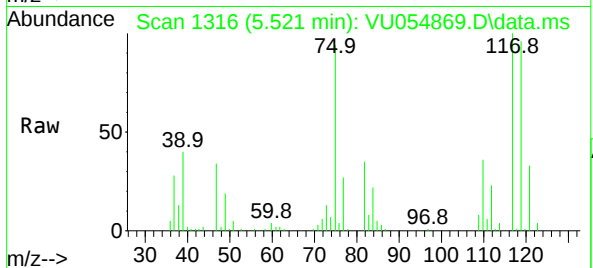
Tgt Ion: 75 Resp: 3823

Ion	Ratio	Lower	Upper
75	100		
110	35.3	18.5	55.5
77	31.1	24.9	37.3

Manual Integrations

APPROVED

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



#30

Carbon Tetrachloride

Concen: 4.614 ug/l

RT: 5.518 min Scan# 1315

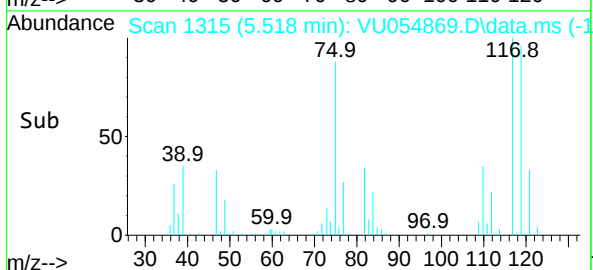
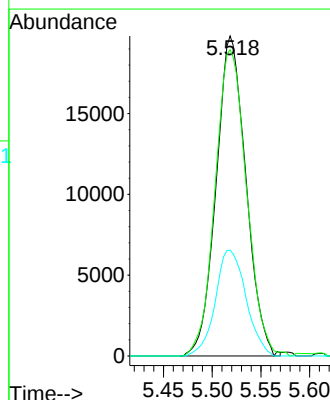
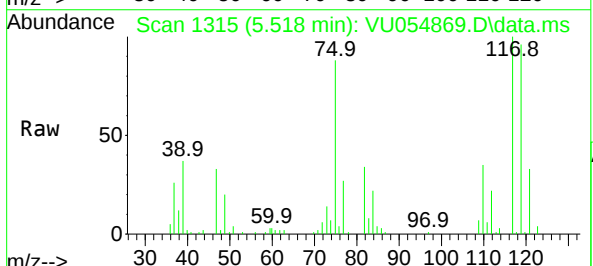
Delta R.T. 0.000 min

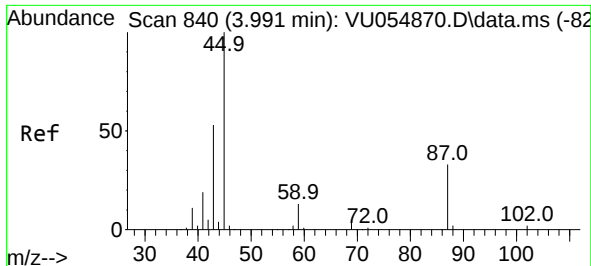
Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Tgt Ion:117 Resp: 42112

Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.6	113.4
121	32.7	23.4	35.0





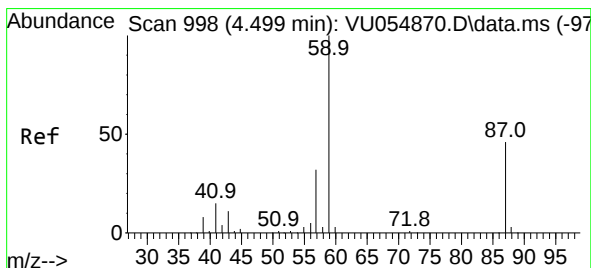
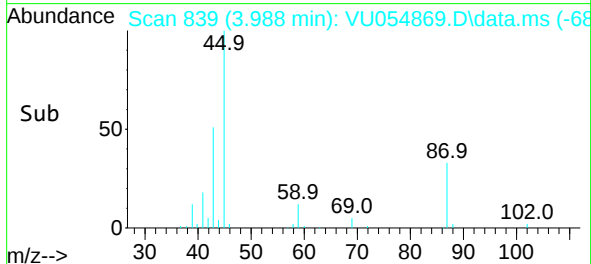
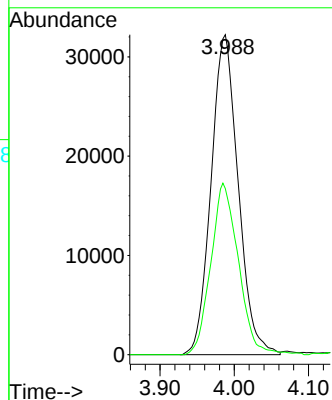
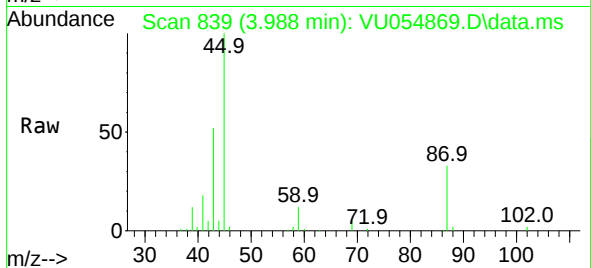
#31
Isopropyl Ether
Concen: 4.699 ug/l
RT: 3.988 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 45 Resp: 8176
Ion Ratio Lower Upper
45 100
43 54.6 26.4 79.2

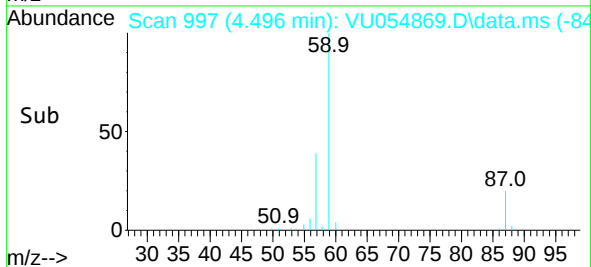
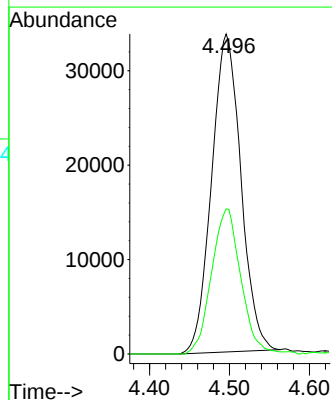
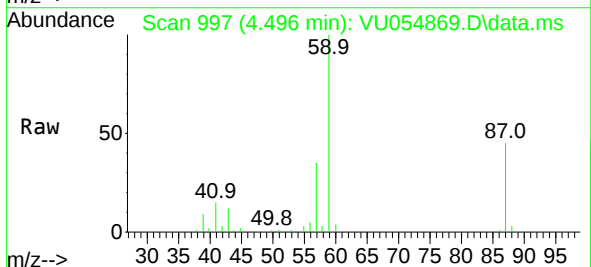
Manual Integrations
APPROVED

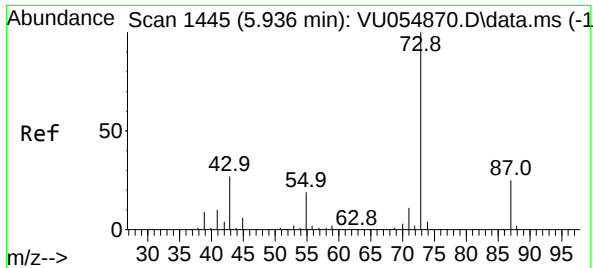
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#32
Ethyl-t-butyl ether
Concen: 4.783 ug/l
RT: 4.496 min Scan# 997
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Tgt Ion: 59 Resp: 85700
Ion Ratio Lower Upper
59 100
87 44.5 35.7 53.5





#33
Tert-Amyl methyl ether
Concen: 4.757 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

ClientSampleId :

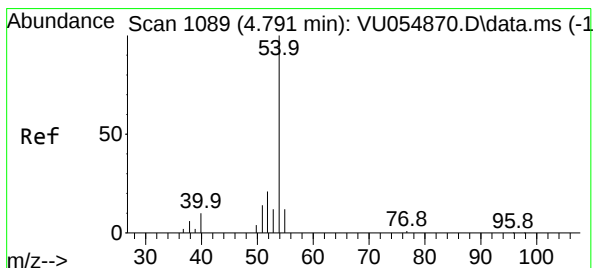
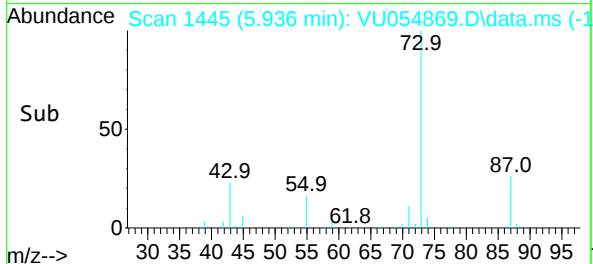
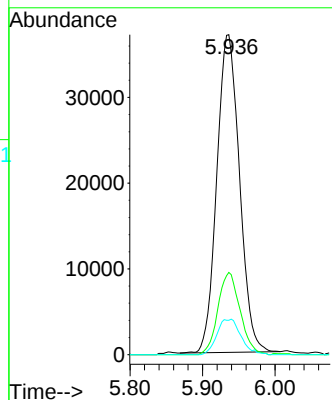
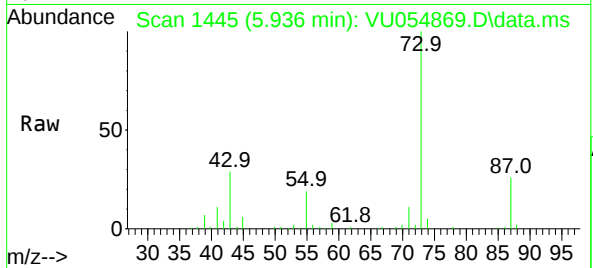
VSTDICC005

Tgt Ion: 73 Resp: 8057
Ion Ratio Lower Upper
73 100
87 25.3 19.6 29.4
71 11.8 9.1 13.7

Manual Integrations

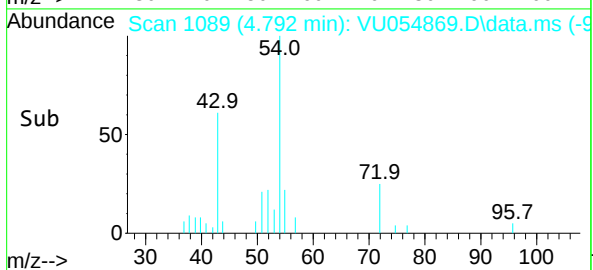
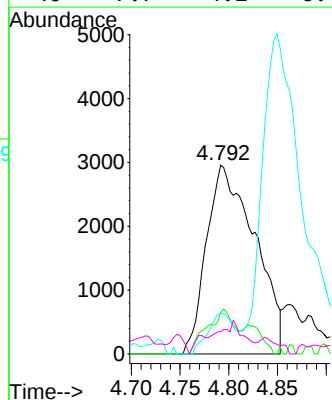
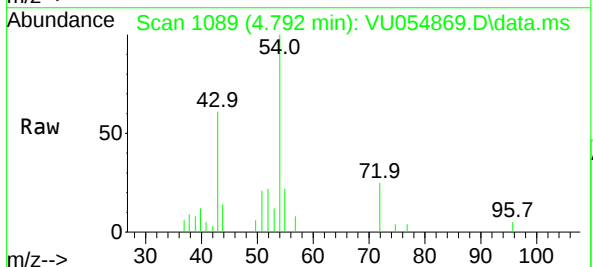
APPROVED

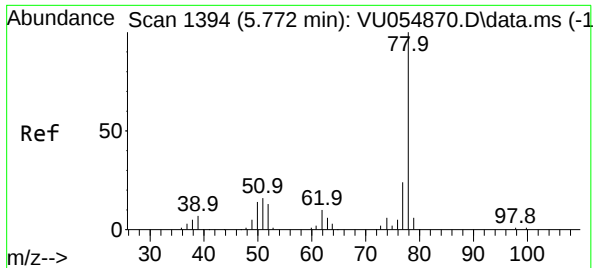
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#34
Propionitrile
Concen: 22.200 ug/l
RT: 4.792 min Scan# 1089
Delta R.T. -0.003 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Tgt Ion: 54 Resp: 10186
Ion Ratio Lower Upper
54 100
52 14.0 13.8 20.8
55 11.8 4.8 7.2#
40 7.7 4.2 6.4#





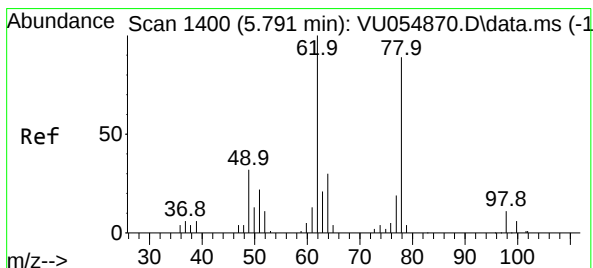
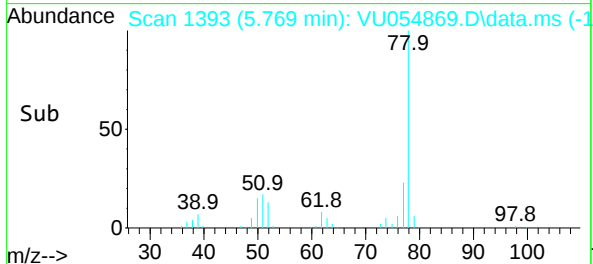
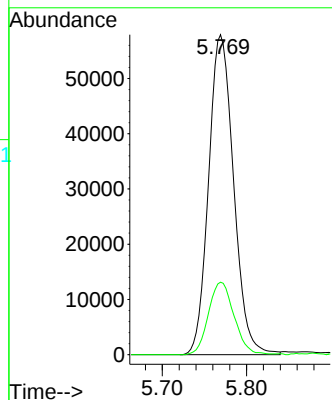
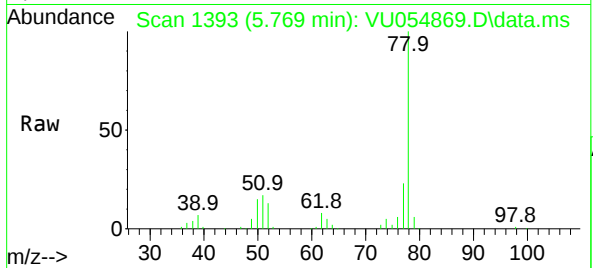
#35
Benzene
Concen: 4.733 ug/l
RT: 5.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 78 Resp: 11955
Ion Ratio Lower Upper
78 100
77 22.7 19.4 29.2

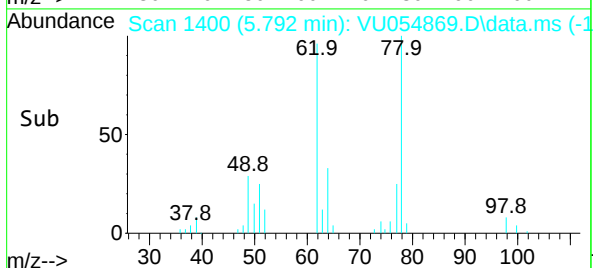
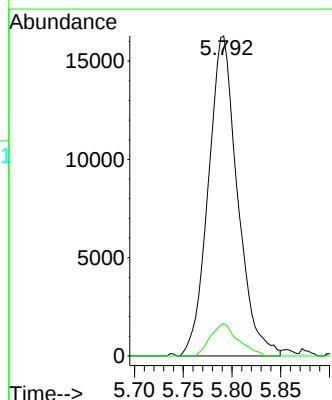
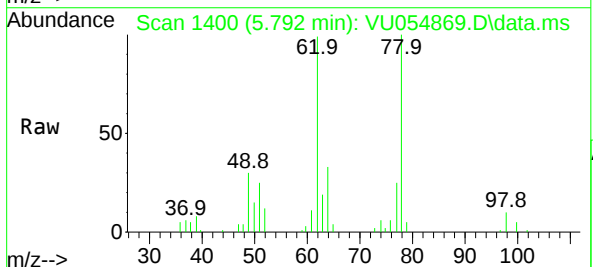
Manual Integrations
APPROVED

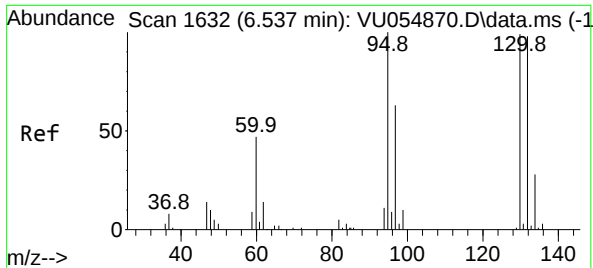
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#36
1,2-Dichloroethane
Concen: 4.721 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Tgt Ion: 62 Resp: 33921
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.8





#37

Trichloroethene

Concen: 4.731 ug/l

RT: 6.538 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion:130 Resp: 3213

Ion Ratio Lower Upper

130 100

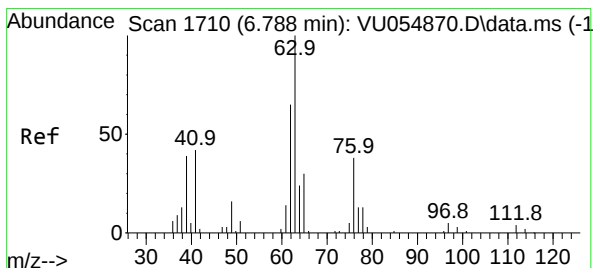
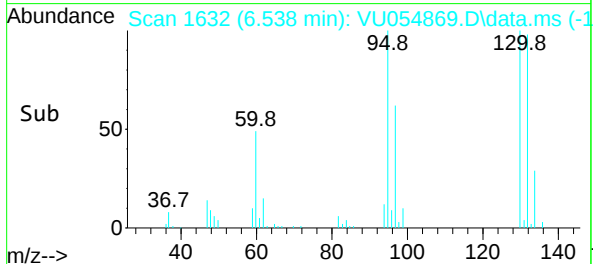
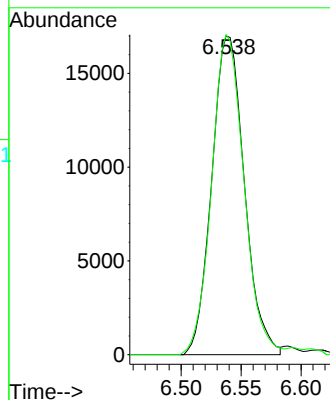
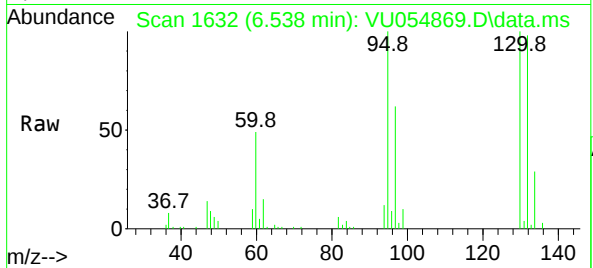
95 100.3 76.8 115.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#38

1,2-Dichloropropane

Concen: 4.750 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.003 min

Lab File: VU054869.D

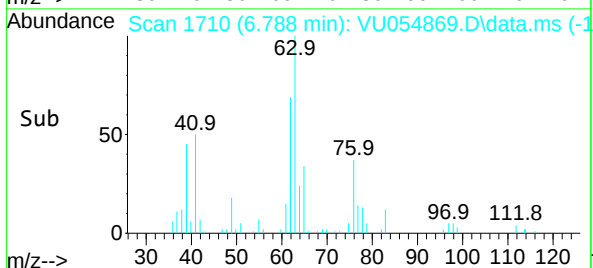
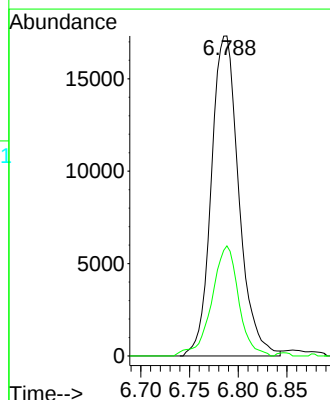
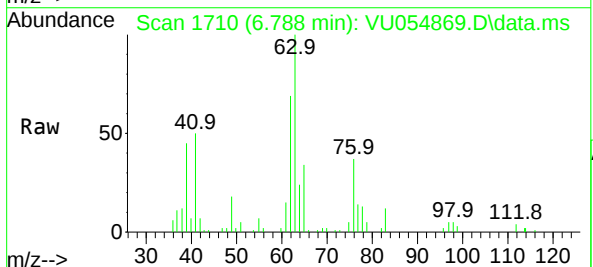
Acq: 25 Jul 2023 11:08

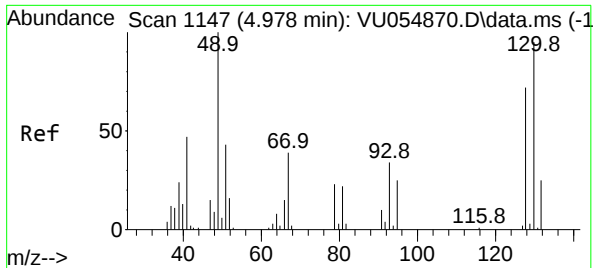
Tgt Ion: 63 Resp: 33913

Ion Ratio Lower Upper

63 100

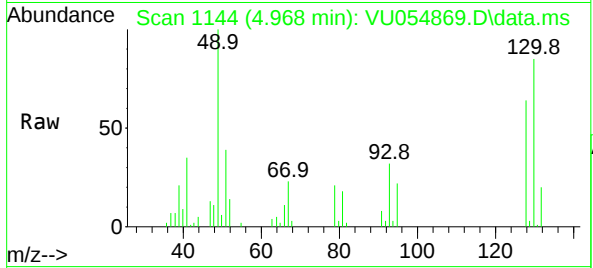
65 33.5 24.3 36.5





#39
Methacrylonitrile
Concen: 4.595 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.010 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

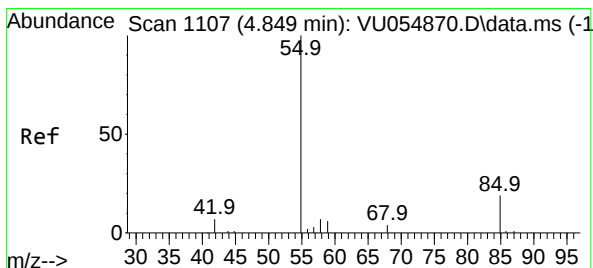
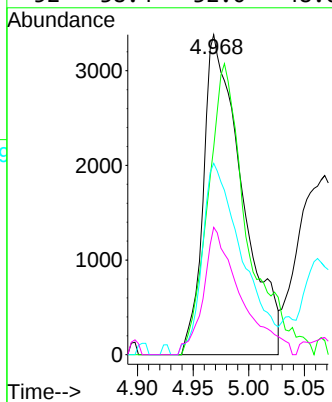
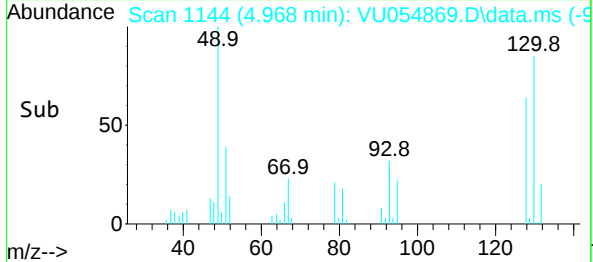
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



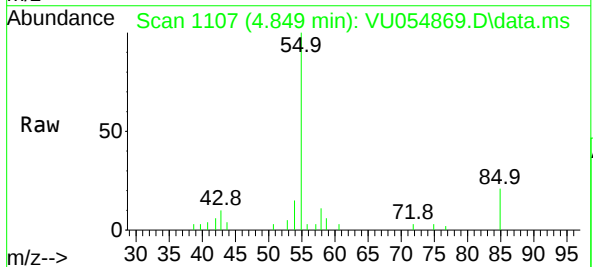
Tgt Ion: 41 Resp: 818
Ion Ratio Lower Upper
41 100
67 92.2 77.0 115.4
39 62.0 50.4 75.6
52 38.4 32.0 48.0

Manual Integrations
APPROVED

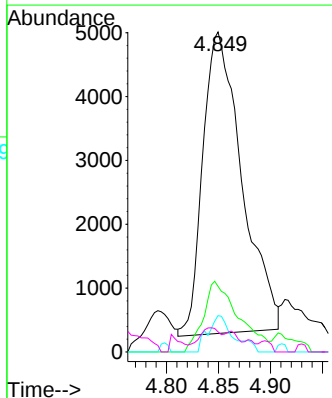
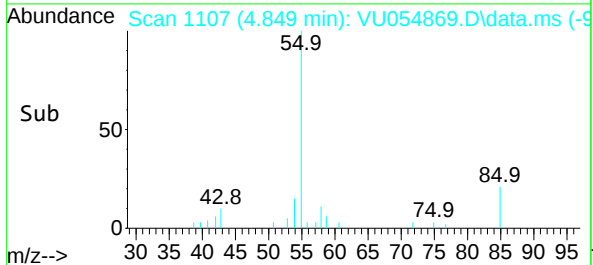
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

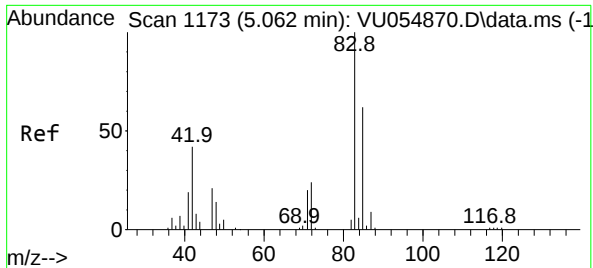


#40
Methyl acrylate
Concen: 4.363 ug/l
RT: 4.849 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08



Tgt Ion: 55 Resp: 12336
Ion Ratio Lower Upper
55 100
85 21.1 13.0 19.6#
58 7.9 5.7 8.5
42 2.7 4.6 7.0#





#41

Tetrahydrofuran

Concen: 9.098 ug/l

RT: 5.059 min Scan# 1173

Delta R.T. 0.001 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

ClientSampleId :

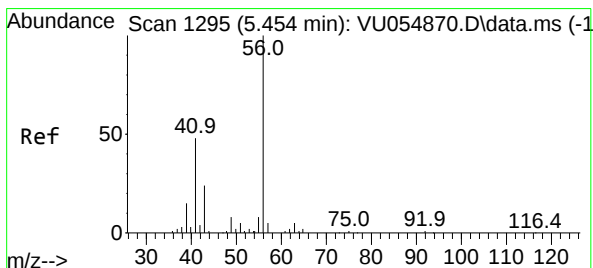
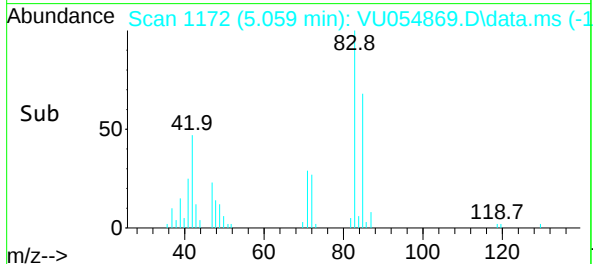
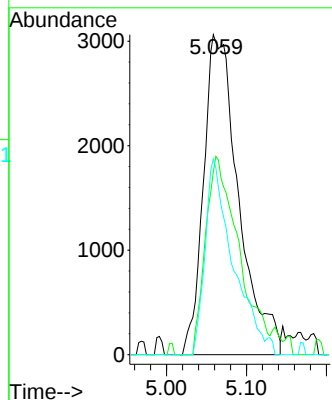
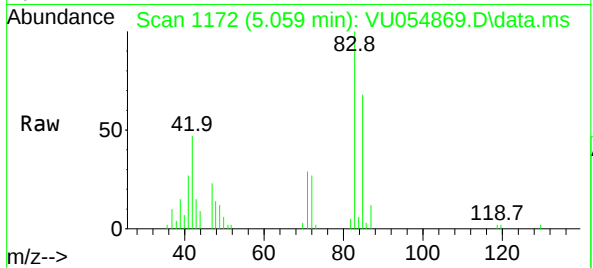
VSTDIC005

Tgt Ion:	42	Resp:	932
Ion Ratio	Lower	Upper	
42	100		
72	58.6	42.1	63.1
71	49.1	39.7	59.5

Manual Integrations

APPROVED

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



#42

1-Chlorobutane

Concen: 4.726 ug/l

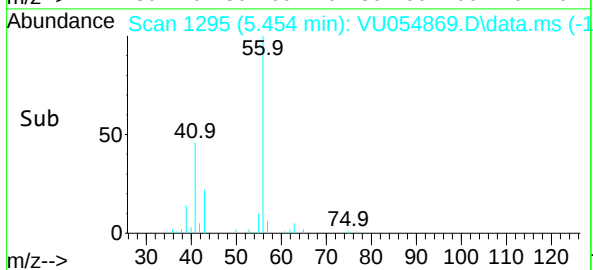
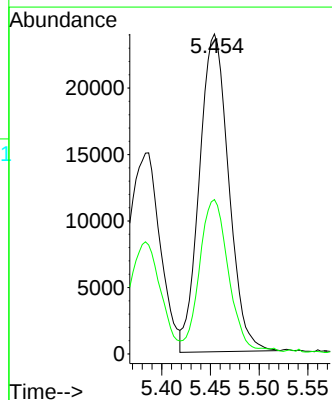
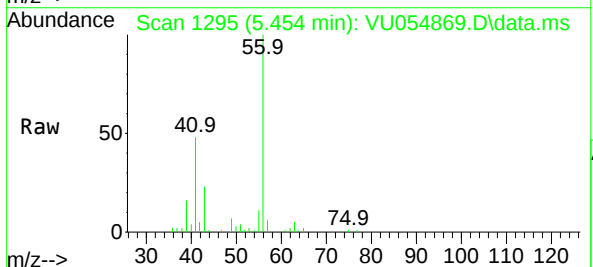
RT: 5.454 min Scan# 1295

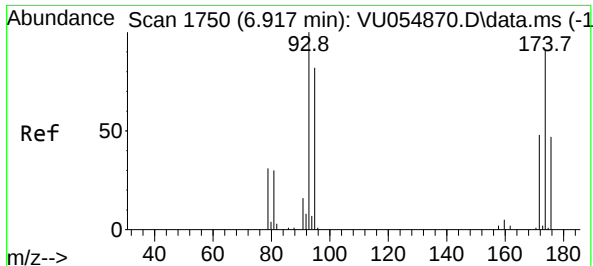
Delta R.T. 0.000 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

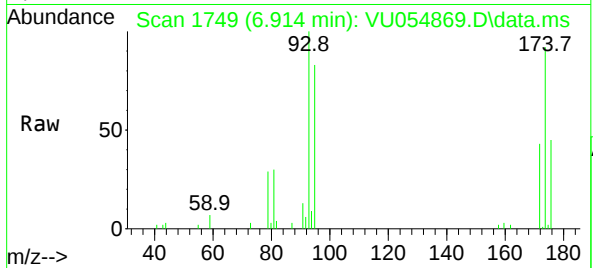
Tgt Ion:	56	Resp:	49908
Ion Ratio	Lower	Upper	
56	100		
41	47.7	23.9	71.7





#43
Dibromomethane
Concen: 4.954 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

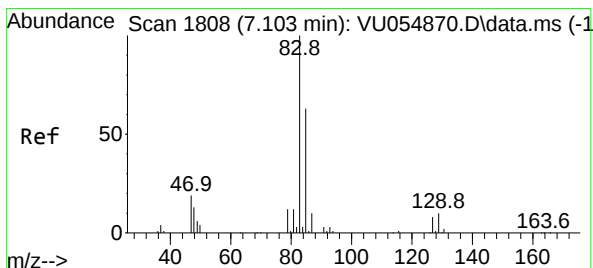
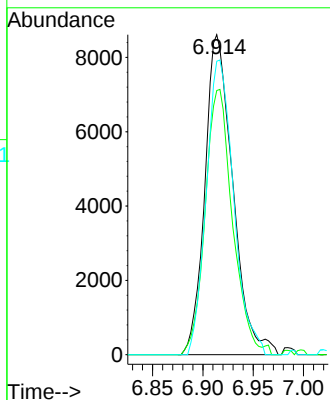
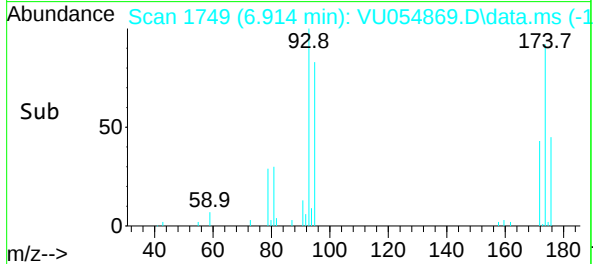
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



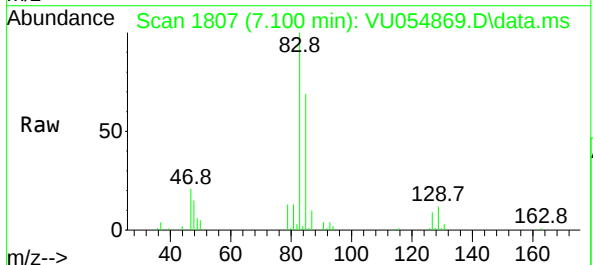
Tgt Ion: 93 Resp: 1661
Ion Ratio Lower Upper
93 100
95 81.5 64.7 97.1
174 90.1 74.4 111.6

Manual Integrations
APPROVED

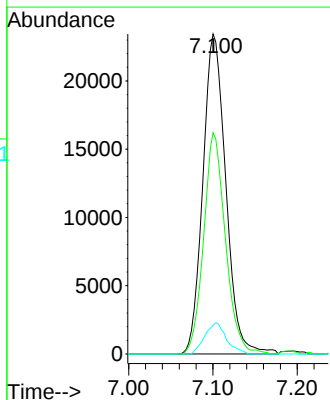
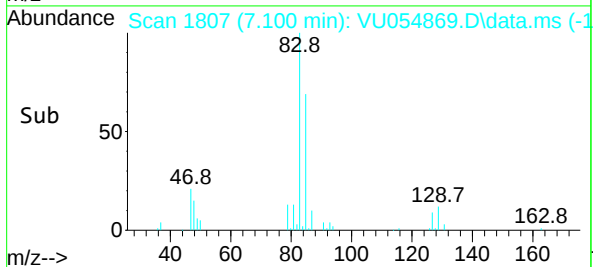
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

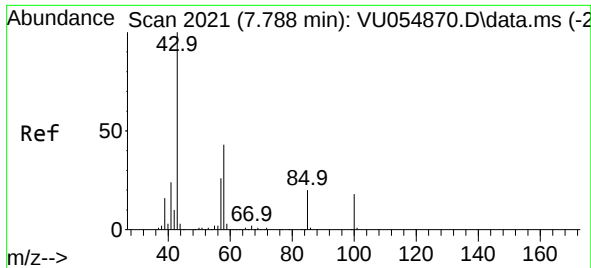


#44
Bromodichloromethane
Concen: 4.744 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08



Tgt Ion: 83 Resp: 44333
Ion Ratio Lower Upper
83 100
85 69.1 52.2 78.2
127 10.0 6.1 9.1





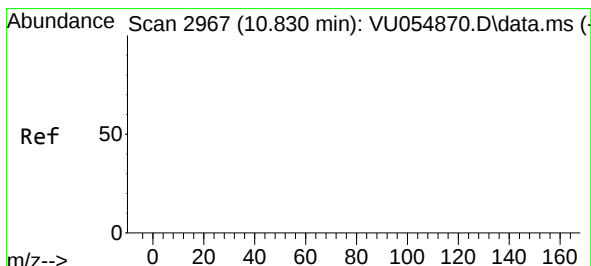
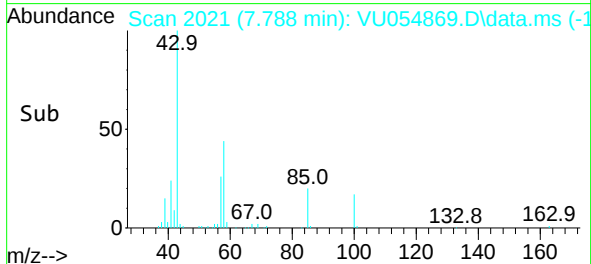
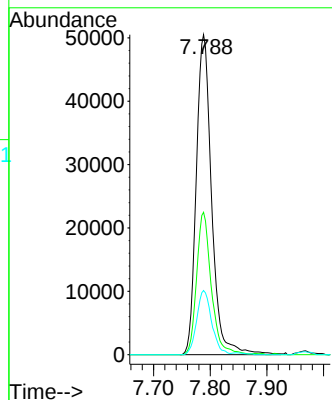
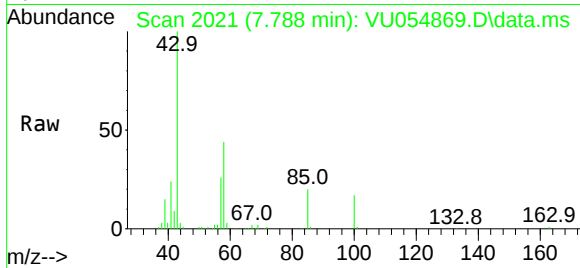
#45
4-Methyl-2-Pentanone
Concen: 24.271 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 9498
Ion Ratio Lower Upper
43 100
58 42.5 21.3 63.7
85 19.5 15.3 22.9

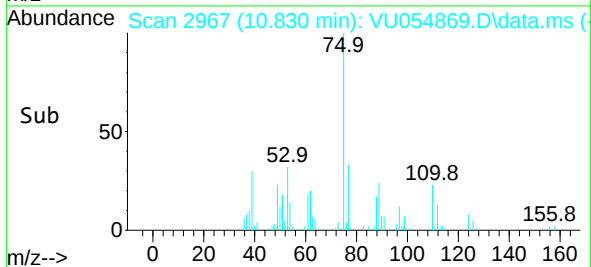
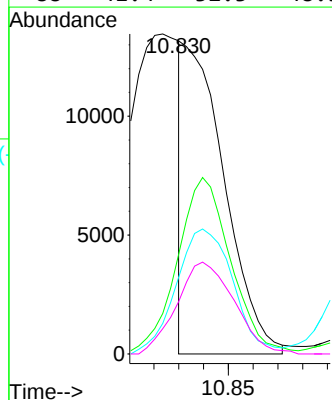
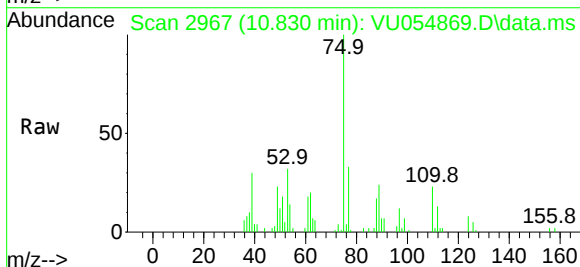
Manual Integrations
APPROVED

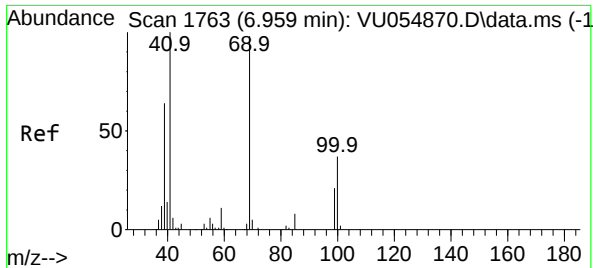
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#46
t-1,4-Dichloro-2-butene
Concen: 9.381 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Tgt Ion: 75 Resp: 14995
Ion Ratio Lower Upper
75 100
53 74.3 62.9 94.3
89 55.9 47.8 71.8
88 41.4 32.3 48.5





#47

Methyl methacrylate

Concen: 9.639 ug/l

RT: 6.956 min Scan# 1762

Delta R.T. 0.000 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 69 Resp: 2955

Ion Ratio Lower Upper

69 100

41 102.0 0.0 193.0

39 70.3 50.4 75.6

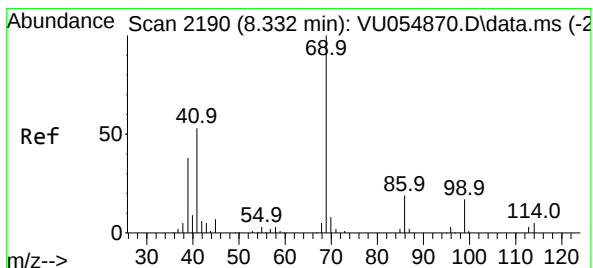
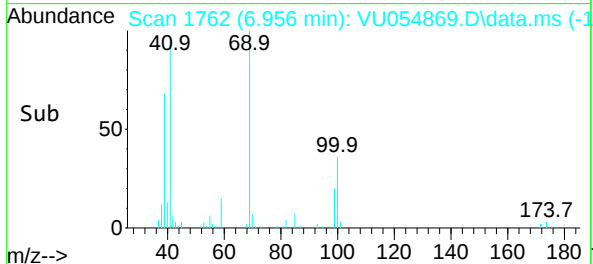
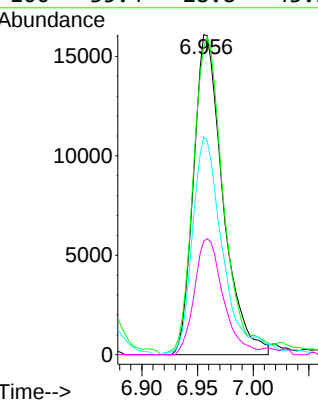
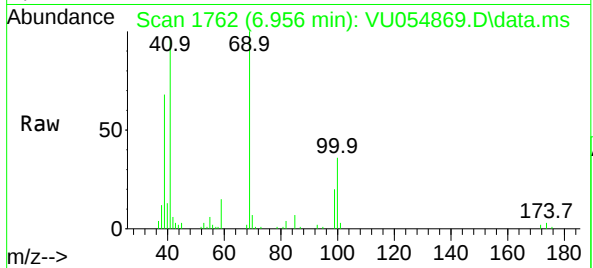
100 35.4 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#48

Ethyl methacrylate

Concen: 4.735 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VU054869.D

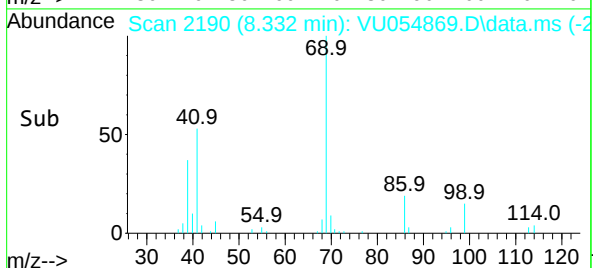
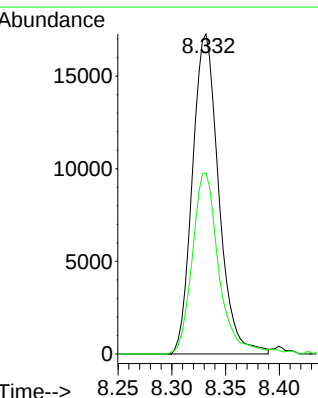
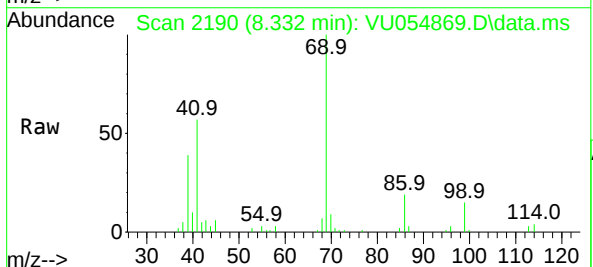
Acq: 25 Jul 2023 11:08

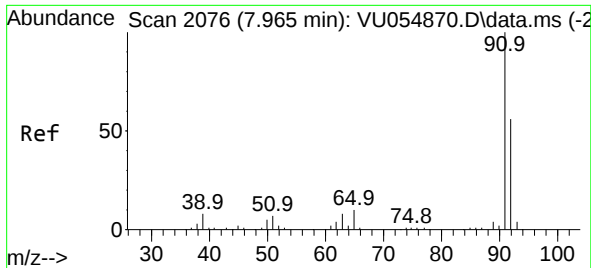
Tgt Ion: 69 Resp: 29367

Ion Ratio Lower Upper

69 100

41 56.8 28.8 86.5





#49

Toluene

Concen: 4.751 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion: 92 Resp: 7645

Ion Ratio Lower Upper

92 100

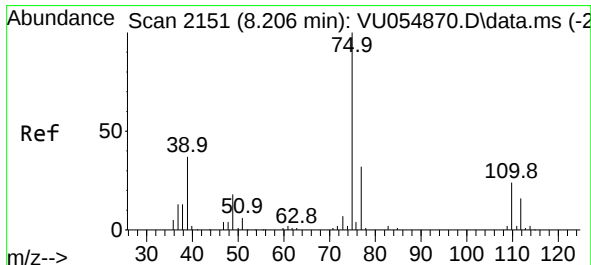
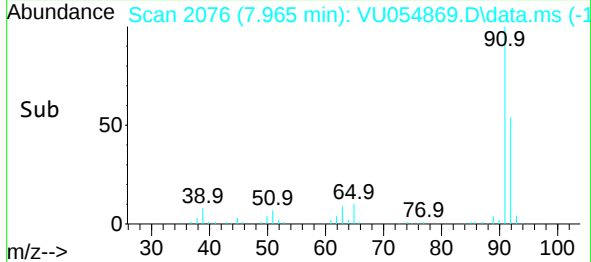
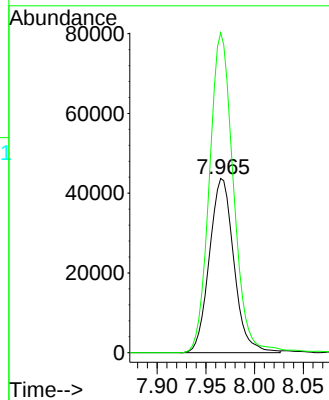
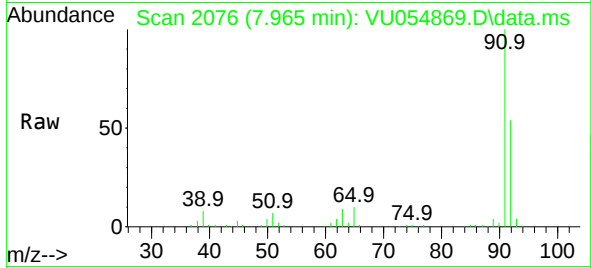
91 180.9 142.9 214.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#50

t-1,3-Dichloropropene

Concen: 4.826 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054869.D

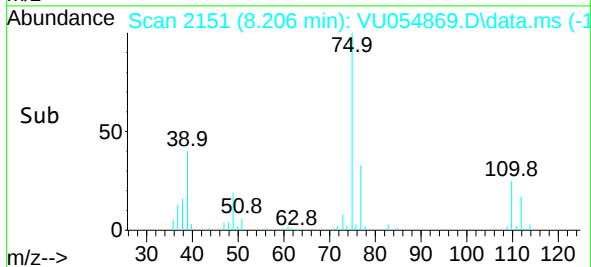
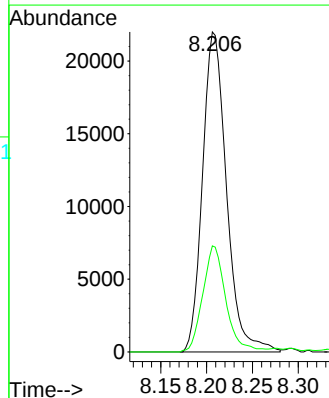
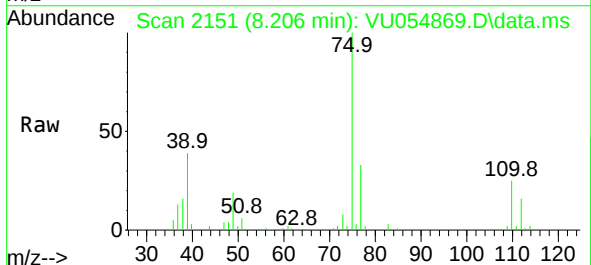
Acq: 25 Jul 2023 11:08

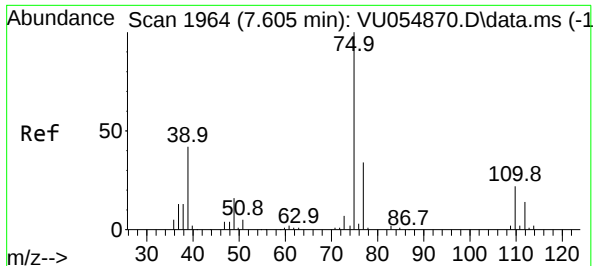
Tgt Ion: 75 Resp: 40036

Ion Ratio Lower Upper

75 100

77 33.2 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 4.761 ug/l

RT: 7.602 min Scan# 1964

Delta R.T. -0.003 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

ClientSampleId :

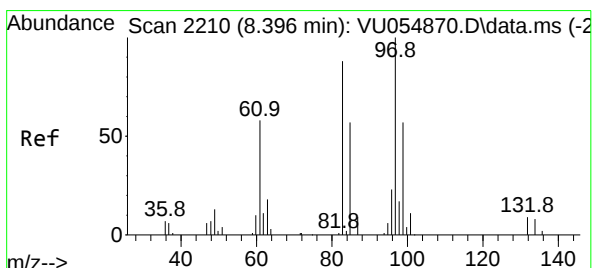
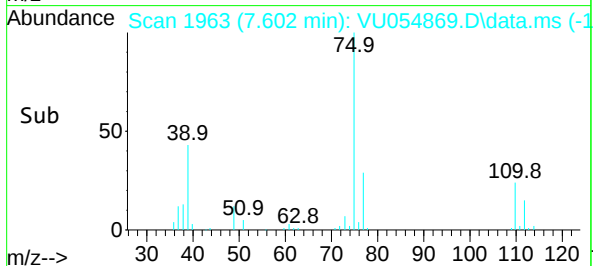
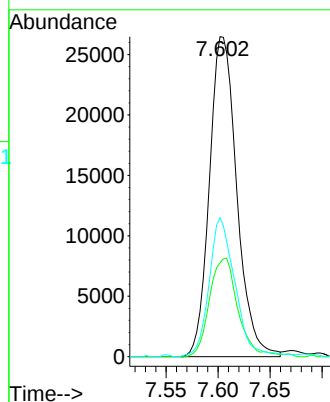
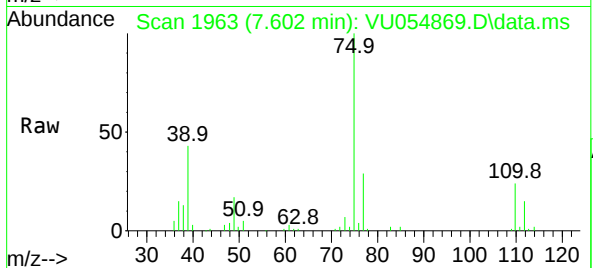
VSTDIC005

Tgt Ion:	75	Resp:	4854
Ion Ratio	Lower	Upper	
75	100		
77	29.3	25.8	38.8
39	43.4	31.7	47.5

Manual Integrations

APPROVED

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



#52

1,1,2-Trichloroethane

Concen: 4.892 ug/l

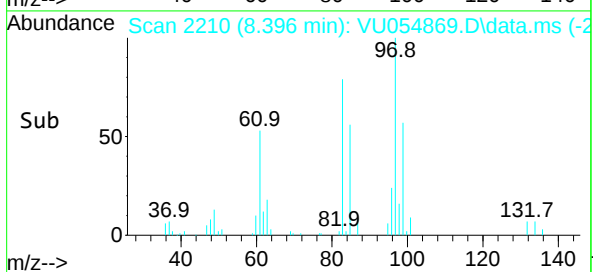
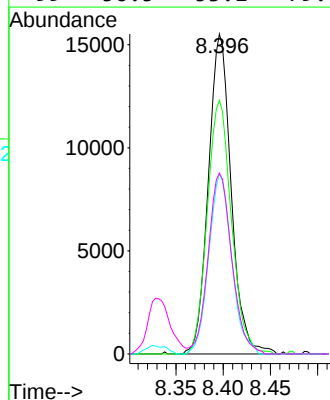
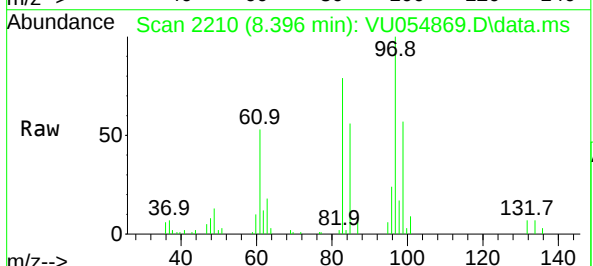
RT: 8.396 min Scan# 2210

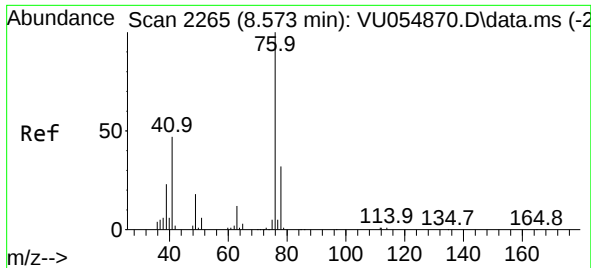
Delta R.T. 0.000 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Tgt Ion:	97	Resp:	26012
Ion Ratio	Lower	Upper	
97	100		
83	79.2	77.4	116.2
85	56.3	47.8	71.8
99	56.5	53.1	79.7





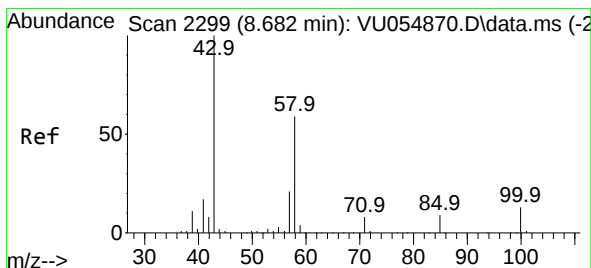
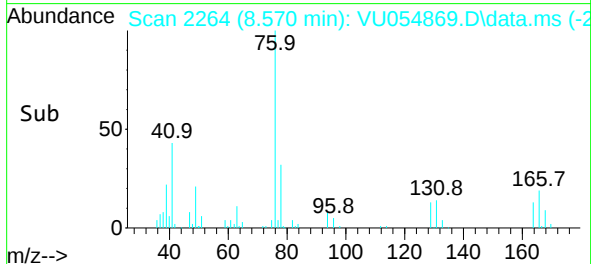
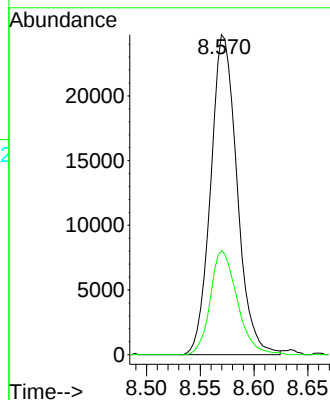
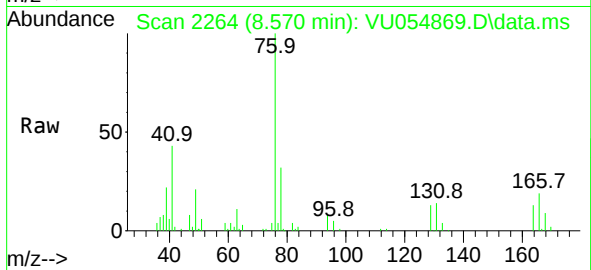
#53
1,3-Dichloropropane
Concen: 4.902 ug/l
RT: 8.570 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 42162
Ion Ratio Lower Upper
76 100
78 33.2 24.6 36.8

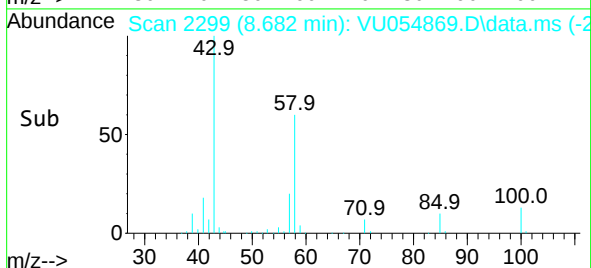
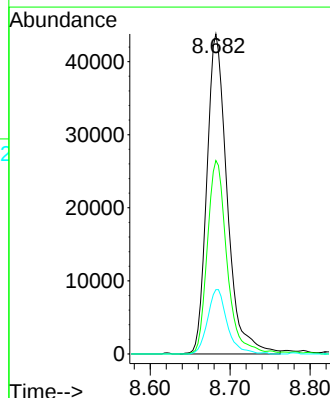
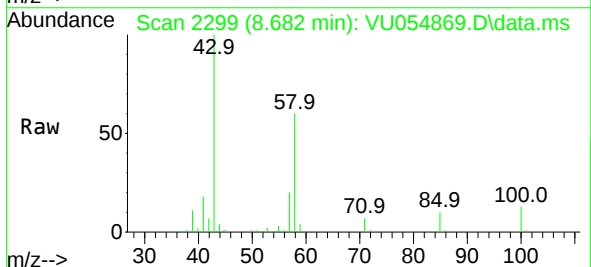
Manual Integrations
APPROVED

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



#54
2-Hexanone
Concen: 27.851 ug/l
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

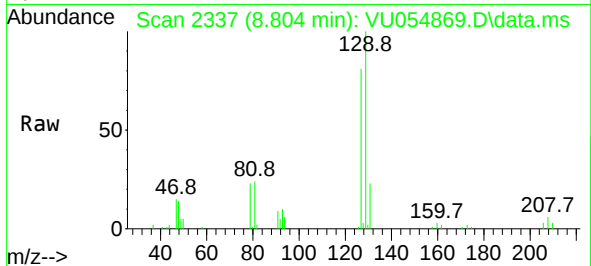
Tgt Ion: 43 Resp: 77446
Ion Ratio Lower Upper
43 100
58 58.1 38.9 78.9
57 19.3 0.0 38.7





#55
Dibromochloromethane
Concen: 4.794 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

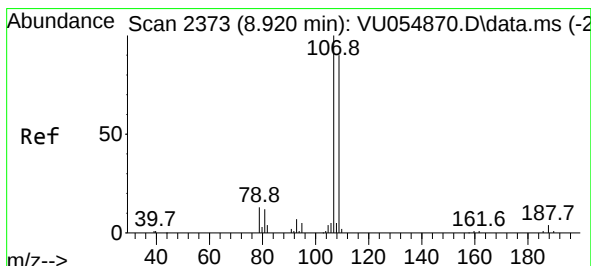
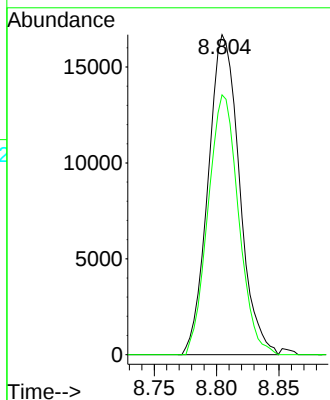
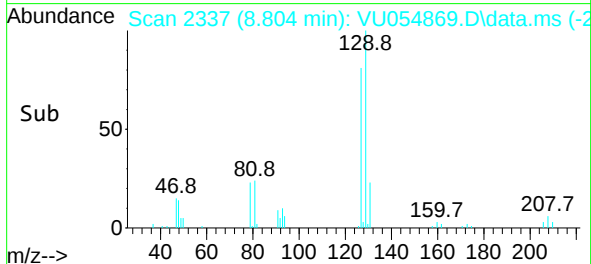
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:129 Resp: 2920
Ion Ratio Lower Upper
129 100
127 79.0 61.4 92.0

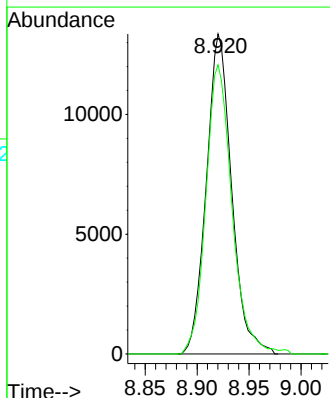
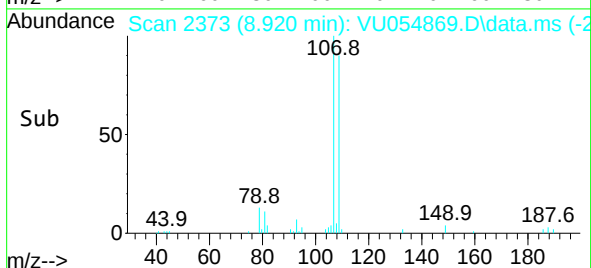
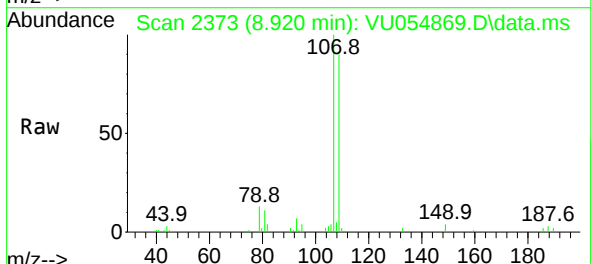
Manual Integrations
APPROVED

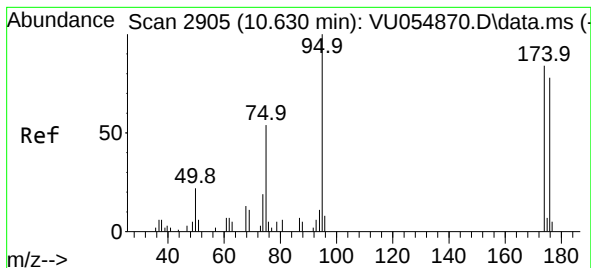
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#56
1,2-Dibromoethane
Concen: 5.029 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

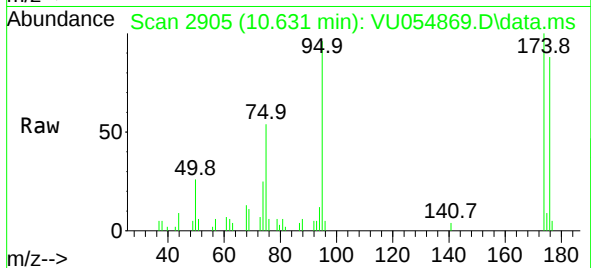
Tgt Ion:107 Resp: 22660
Ion Ratio Lower Upper
107 100
109 93.4 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 0.905 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

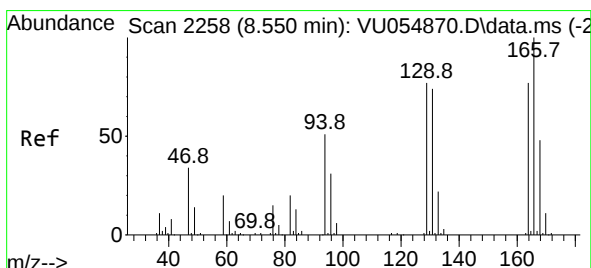
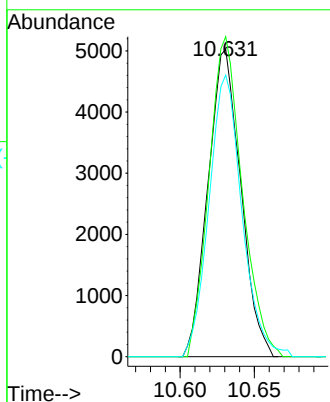
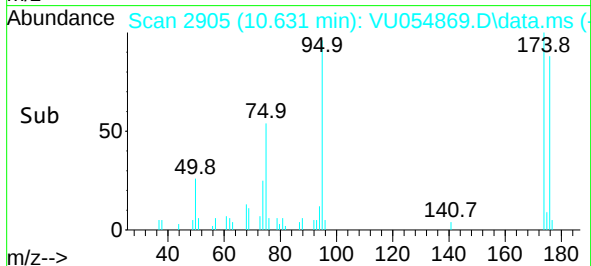
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



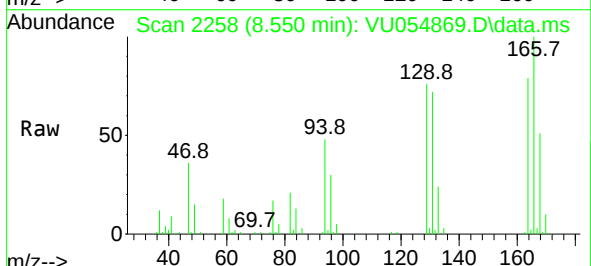
Tgt Ion: 95 Resp: 7698
Ion Ratio Lower Upper
95 100
174 105.9 79.3 118.9
176 92.3 71.5 107.3

Manual Integrations
APPROVED

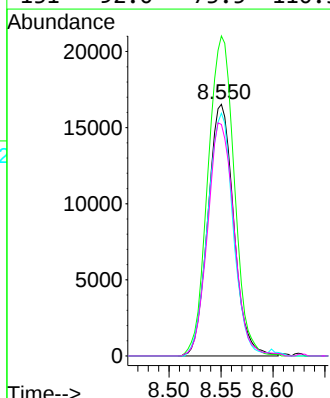
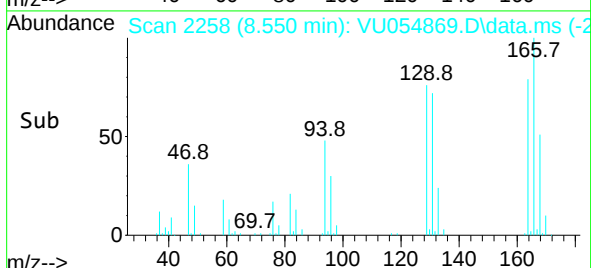
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#58
Tetrachloroethene
Concen: 4.803 ug/l
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08



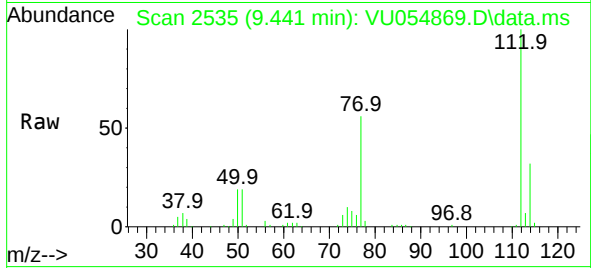
Tgt Ion:164 Resp: 28483
Ion Ratio Lower Upper
164 100
166 127.1 100.4 150.6
129 96.5 71.9 107.9
131 92.0 73.5 110.3





#59
Chlorobenzene
Concen: 4.680 ug/l
RT: 9.441 min Scan# 2536
Delta R.T. -0.003 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

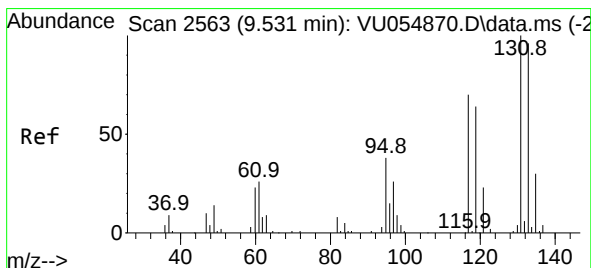
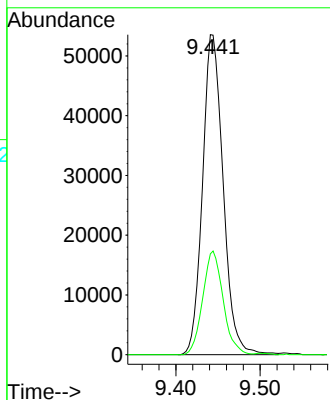
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:112 Resp: 91379
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6

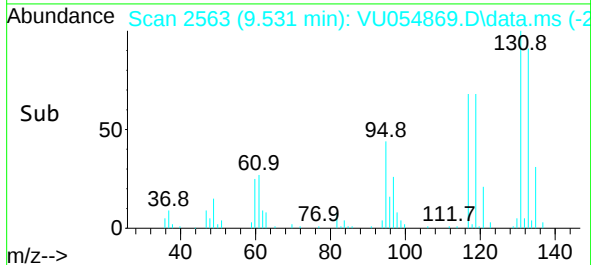
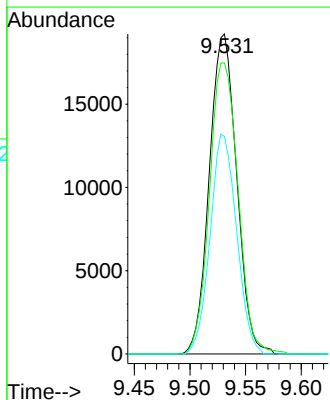
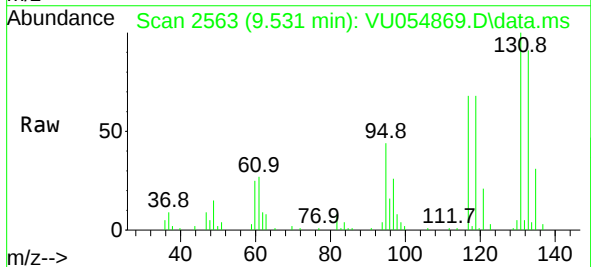
Manual Integrations
APPROVED

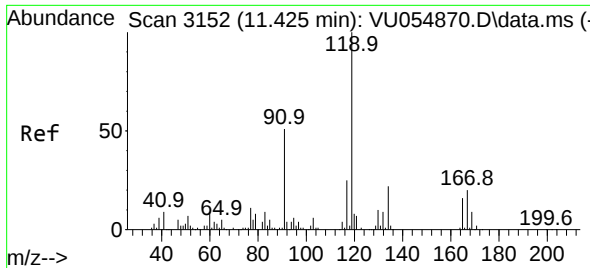
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 4.766 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Tgt Ion:131 Resp: 32857
Ion Ratio Lower Upper
131 100
133 95.0 74.2 111.4
119 66.4 51.0 76.4





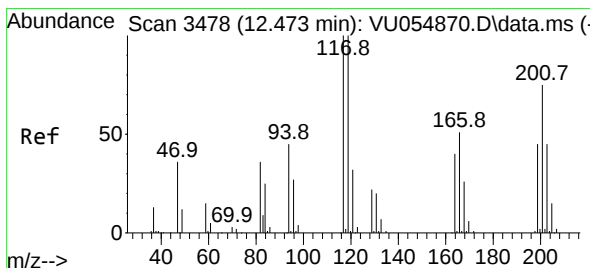
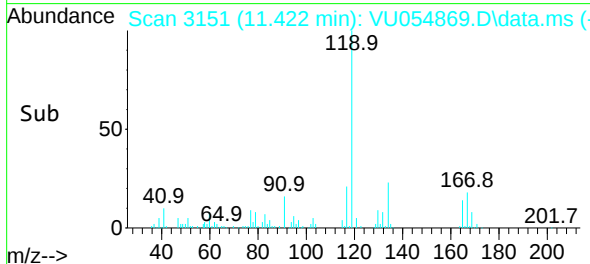
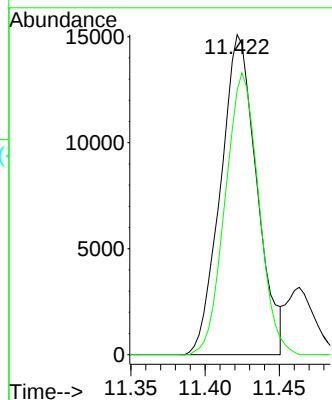
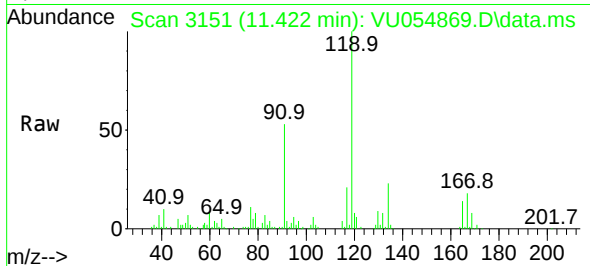
#61
Pentachloroethane
Concen: 4.747 ug/l
RT: 11.422 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 2556
Ion Ratio Lower Upper
117 100
167 81.6 65.3 97.9

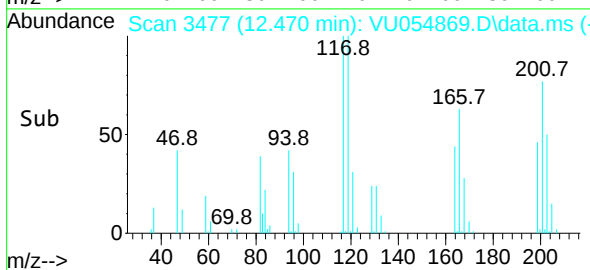
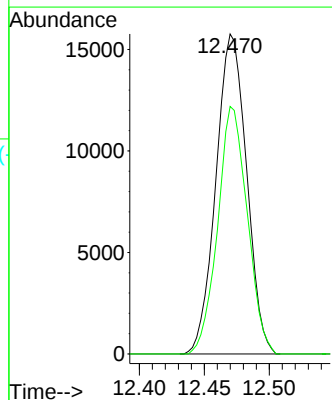
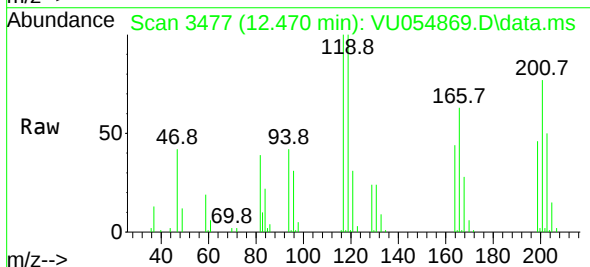
Manual Integrations
APPROVED

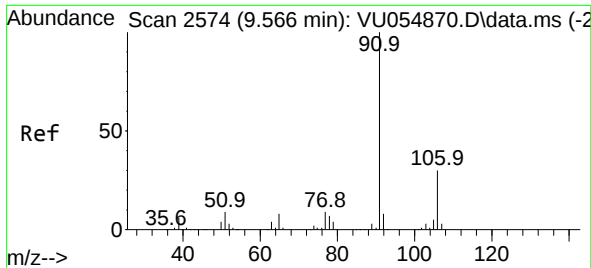
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#62
Hexachloroethane
Concen: 4.670 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Tgt Ion:117 Resp: 25867
Ion Ratio Lower Upper
117 100
201 74.7 56.1 84.1





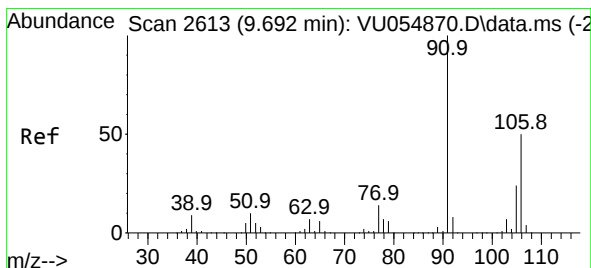
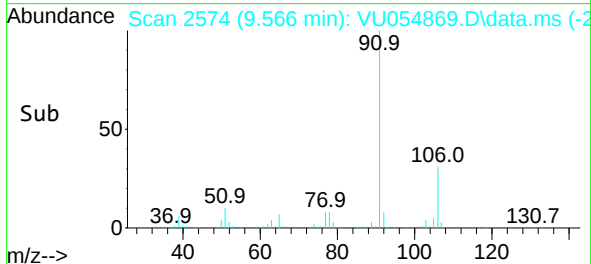
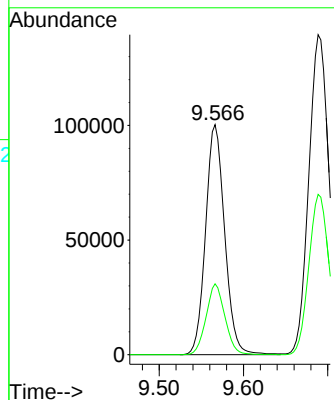
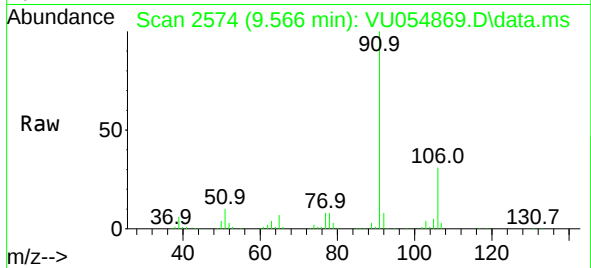
#63
Ethyl Benzene
Concen: 4.841 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 15860
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.2

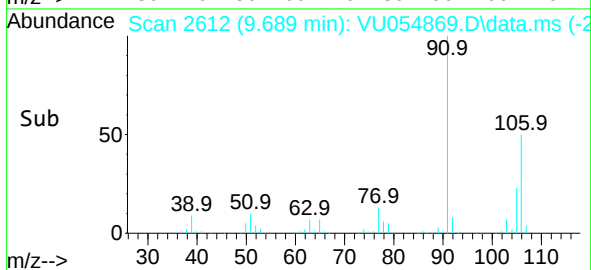
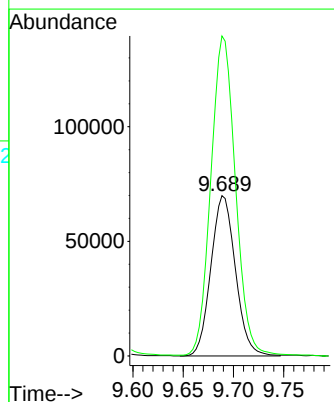
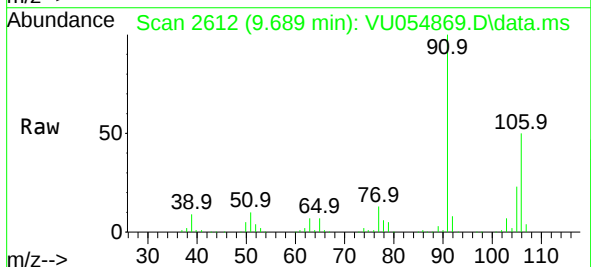
Manual Integrations
APPROVED

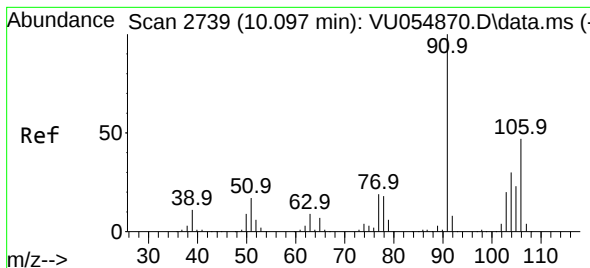
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#64
m/p-Xylenes
Concen: 9.683 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Tgt Ion:106 Resp: 118699
Ion Ratio Lower Upper
106 100
91 201.3 158.8 238.2





#65

o-Xylene

Concen: 4.831 ug/l

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

Tgt Ion:106 Resp: 6082

Ion Ratio Lower Upper

106 100

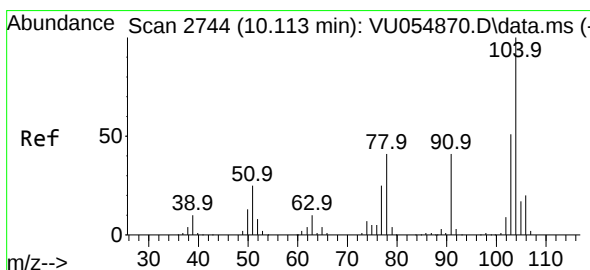
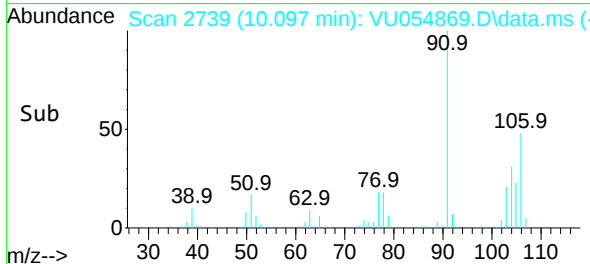
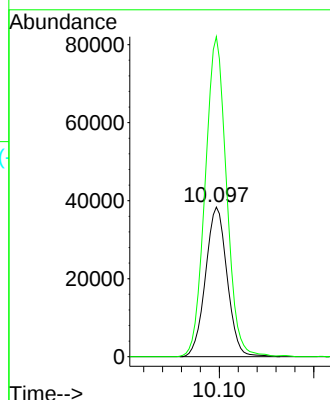
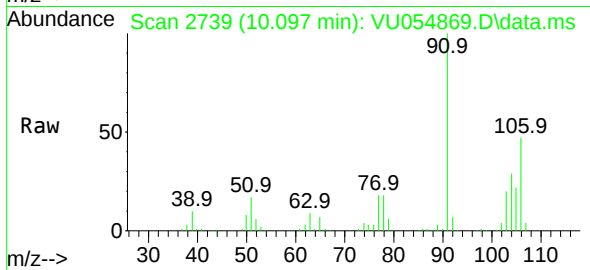
91 211.4 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#66

Styrene

Concen: 4.766 ug/l

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

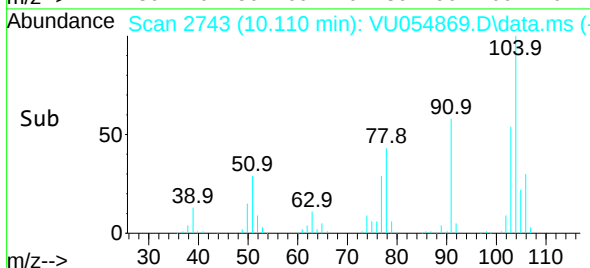
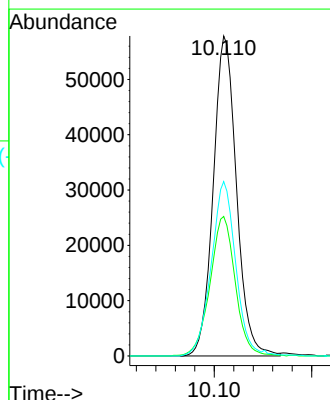
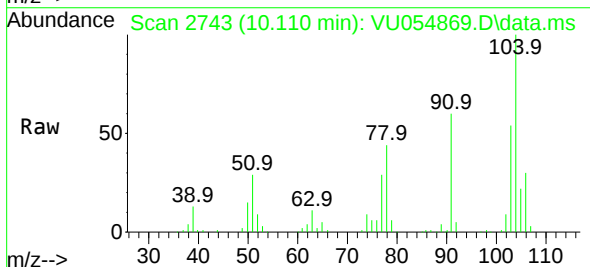
Tgt Ion:104 Resp: 95946

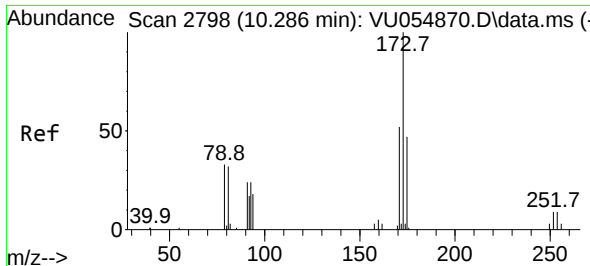
Ion Ratio Lower Upper

104 100

78 47.3 37.5 56.3

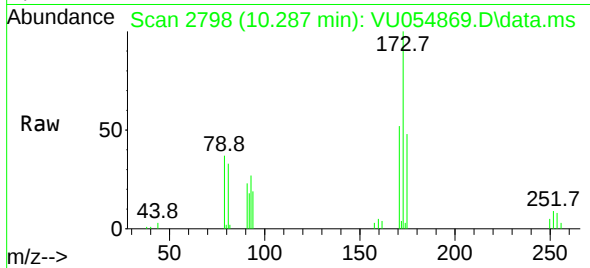
103 57.7 45.2 67.8





#67
Bromoform
Concen: 5.015 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

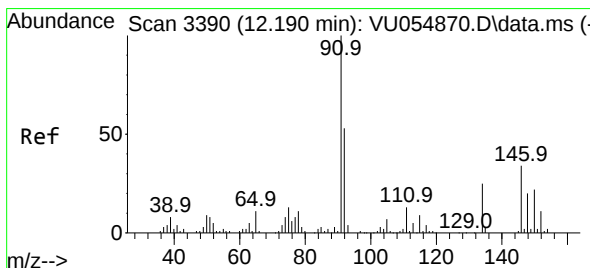
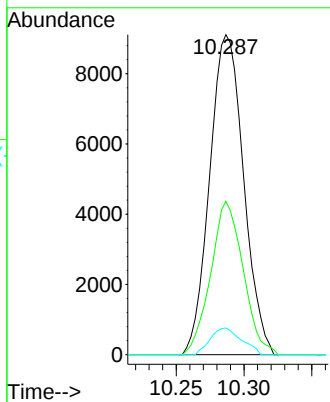
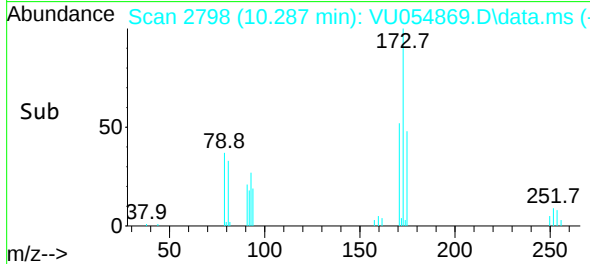
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



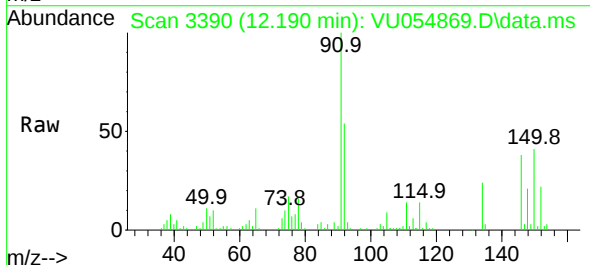
Tgt Ion:173 Resp: 1584
Ion Ratio Lower Upper
173 100
175 45.9 39.0 58.6
254 7.7 7.4 11.0

Manual Integrations
APPROVED

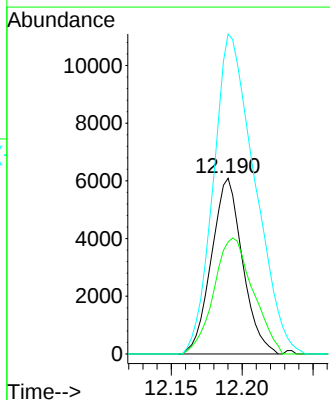
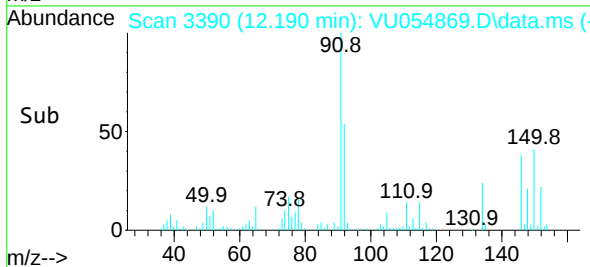
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

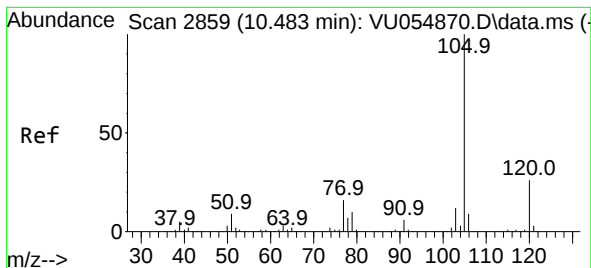


#68
1,2-Dichlorobenzene-d4
Concen: 0.970 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08



Tgt Ion:152 Resp: 9316
Ion Ratio Lower Upper
152 100
115 83.0 0.0 234.8
150 241.3 0.0 598.2





#69

Isopropylbenzene

Concen: 4.794 ug/l

RT: 10.480 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 162049

Ion Ratio Lower Upper

105 100

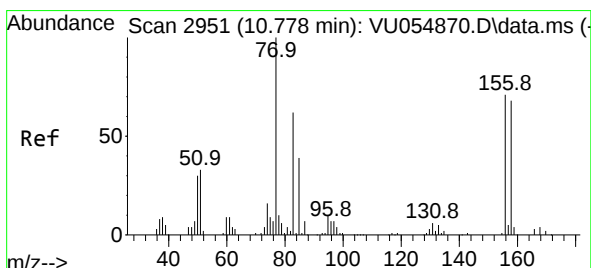
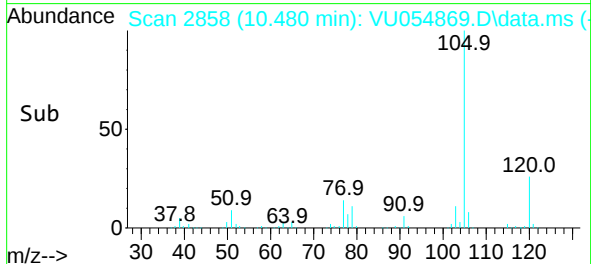
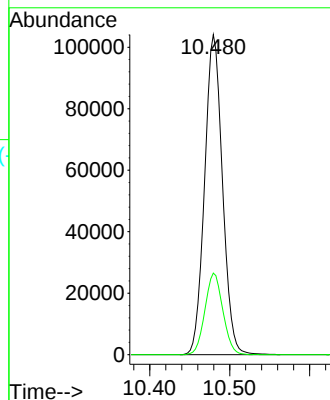
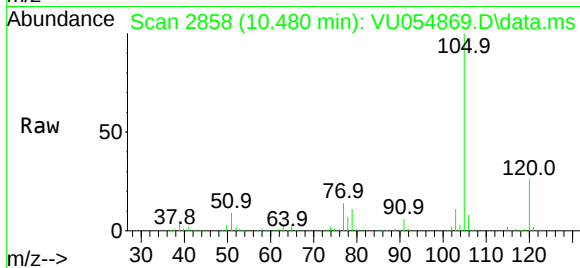
120 25.5 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 4.685 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

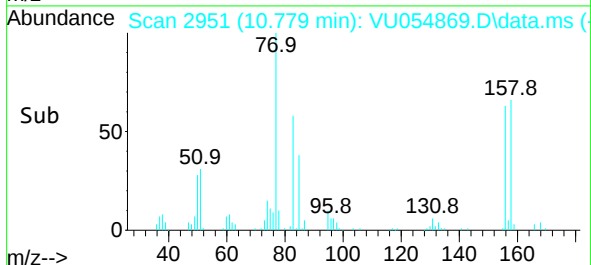
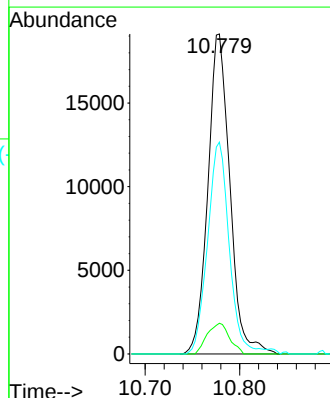
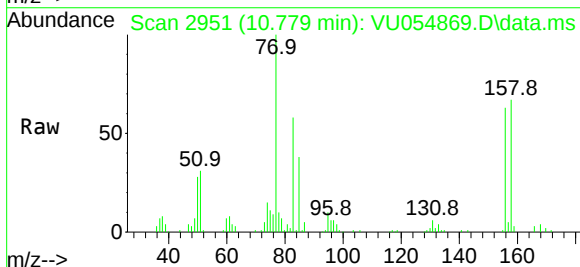
Tgt Ion: 83 Resp: 30832

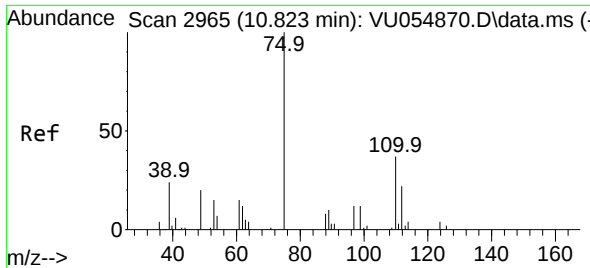
Ion Ratio Lower Upper

83 100

131 9.7 7.5 11.3

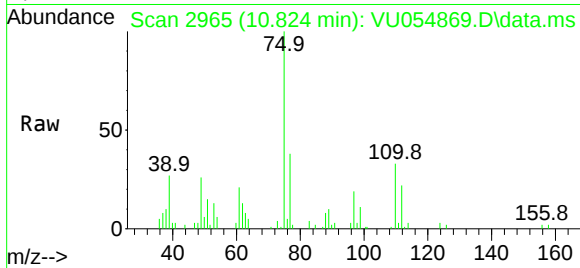
85 65.1 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 4.517 ug/l m
RT: 10.824 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

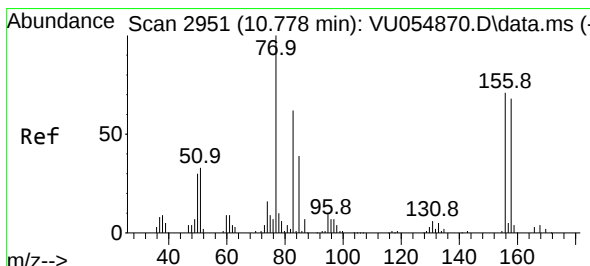
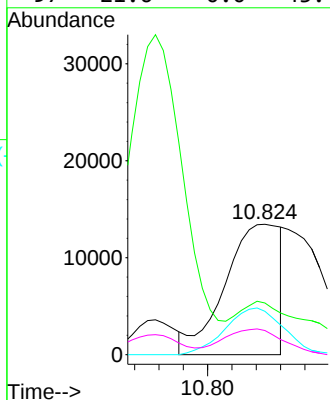
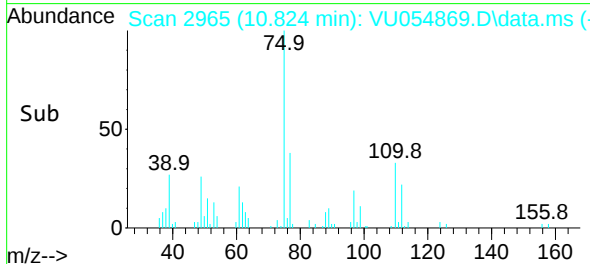
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



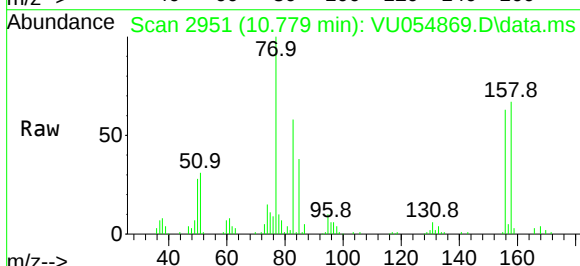
Tgt Ion:	75	Resp:	21330
Ion Ratio	Lower	Upper	
75	100		
77	54.2	0.0	0.0
110	37.8	0.0	80.8
97	21.6	0.0	43.4

Manual Integrations
APPROVED

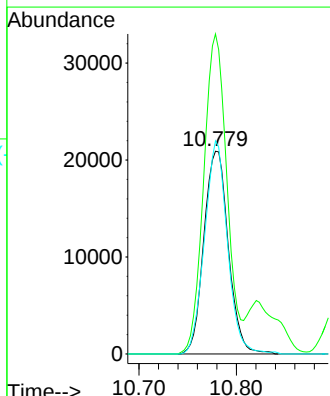
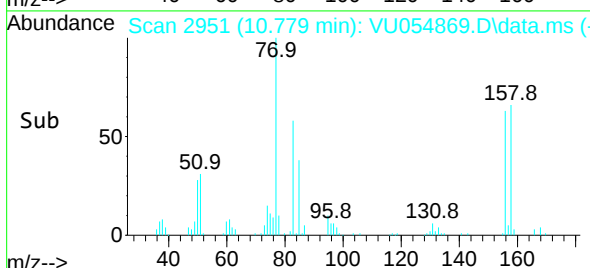
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

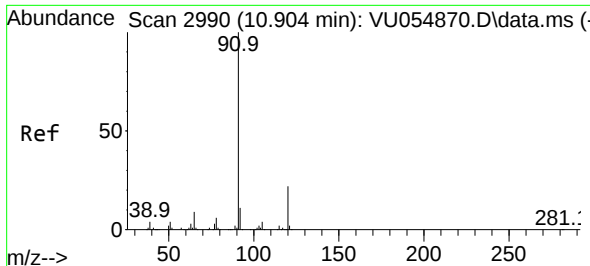


#72
Bromobenzene
Concen: 4.854 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08



Tgt Ion:	156	Resp:	36531
Ion Ratio	Lower	Upper	
156	100		
77	149.6	0.0	293.2
158	98.4	0.0	189.8





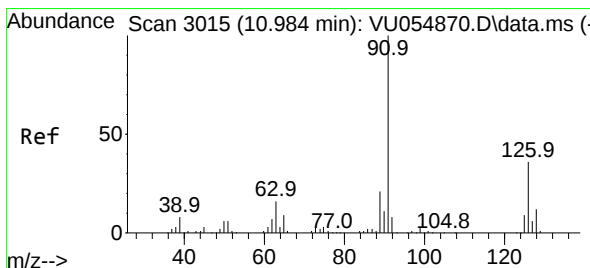
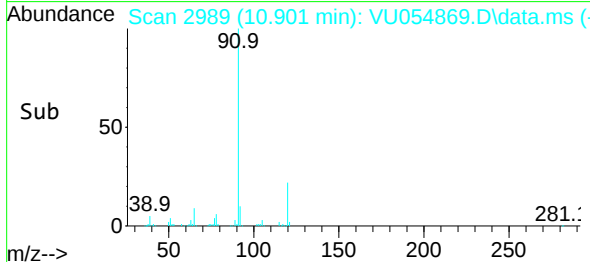
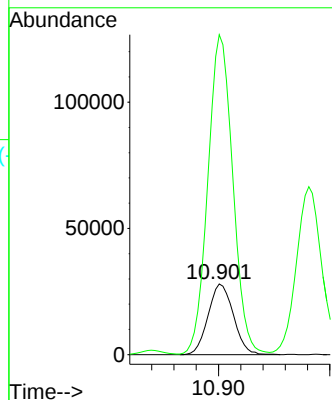
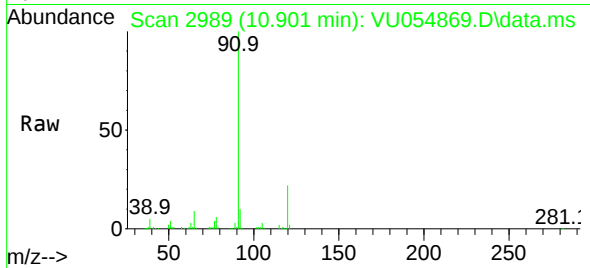
#73
n-propylbenzene
Concen: 4.887 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:120 Resp: 4421
Ion Ratio Lower Upper
120 100
91 444.1 361.8 542.6

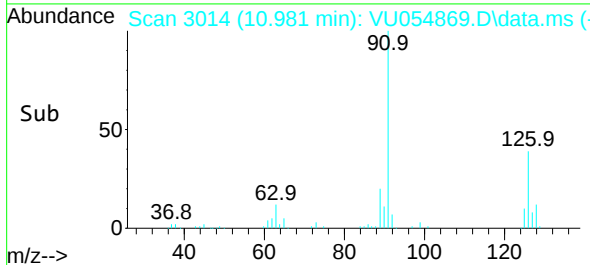
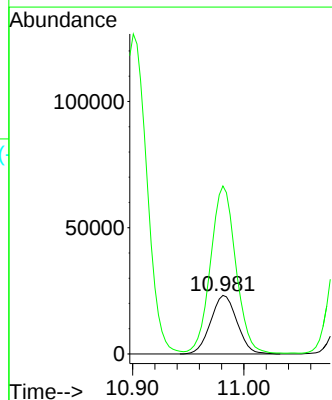
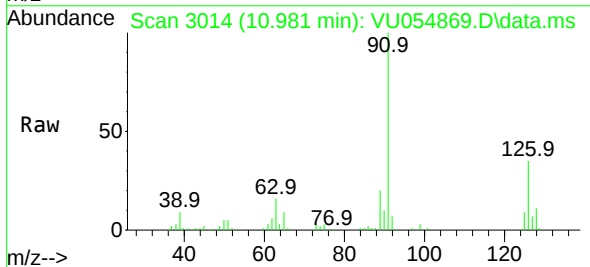
Manual Integrations
APPROVED

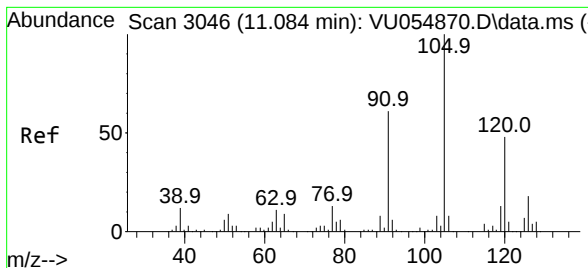
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#74
2-Chlorotoluene
Concen: 4.872 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

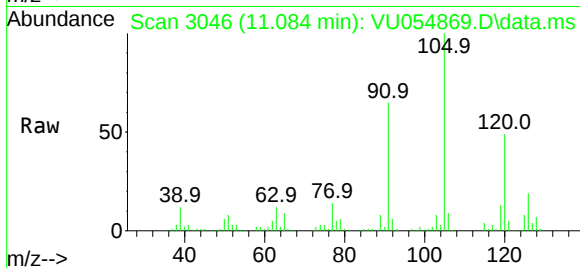
Tgt Ion:126 Resp: 38152
Ion Ratio Lower Upper
126 100
91 275.0 0.0 561.4





#75
1,3,5-Trimethylbenzene
Concen: 4.882 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

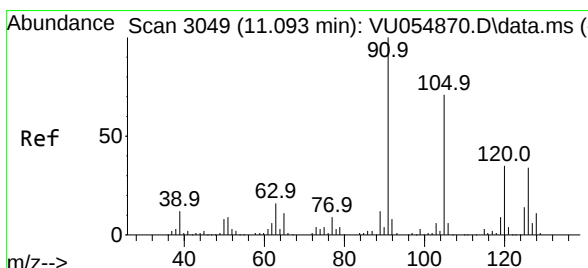
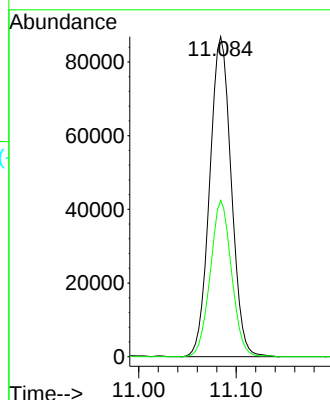
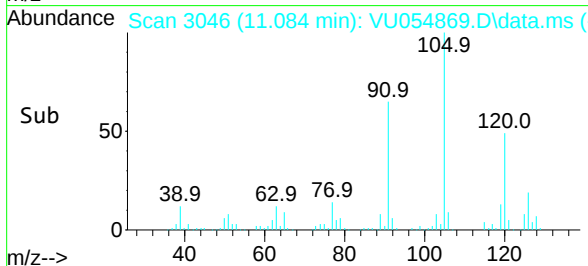
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



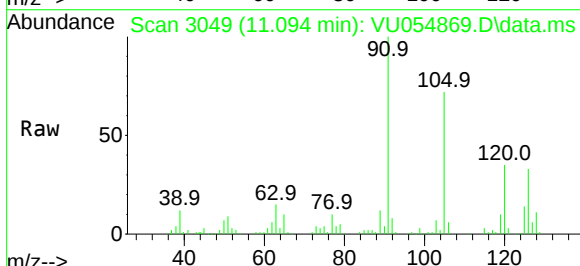
Tgt Ion:105 Resp: 13364
Ion Ratio Lower Upper
105 100
120 48.1 39.0 58.4

Manual Integrations
APPROVED

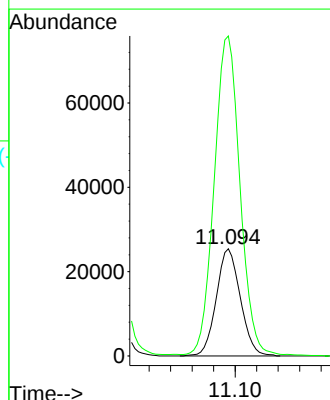
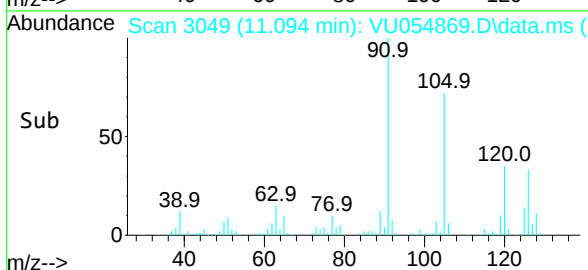
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

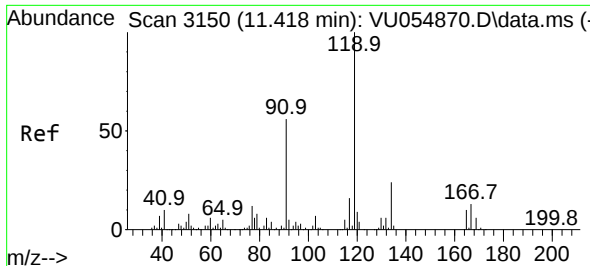


#76
4-Chlorotoluene
Concen: 4.851 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08



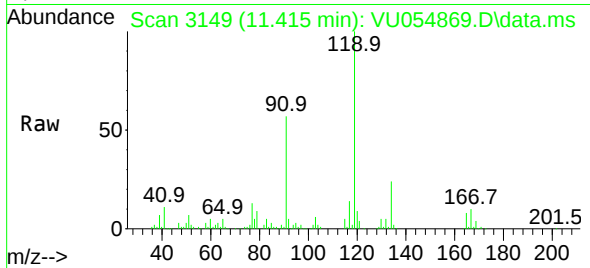
Tgt Ion:126 Resp: 39471
Ion Ratio Lower Upper
126 100
91 321.6 0.0 623.4





#77
tert-Butylbenzene
Concen: 4.811 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

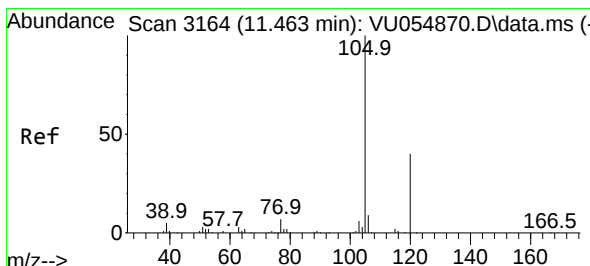
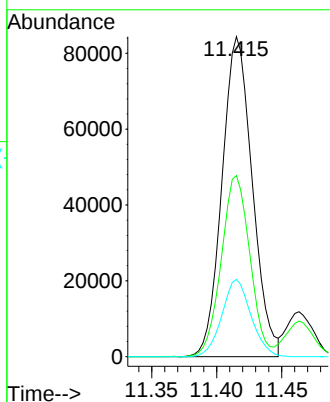
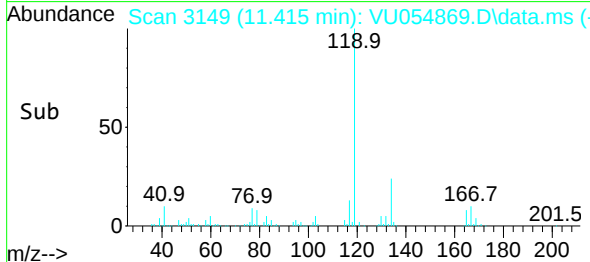
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



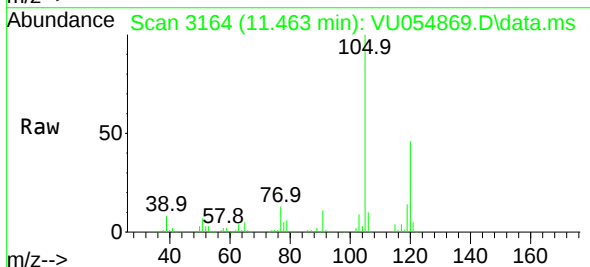
Tgt Ion:119 Resp: 136948
Ion Ratio Lower Upper
119 100
91 53.6 27.7 83.1
134 23.2 18.6 27.8

Manual Integrations
APPROVED

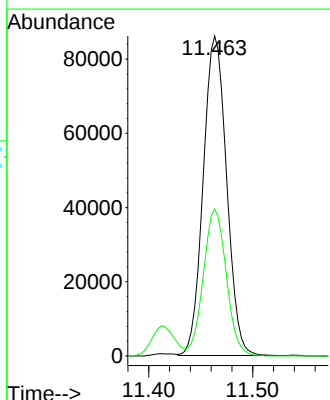
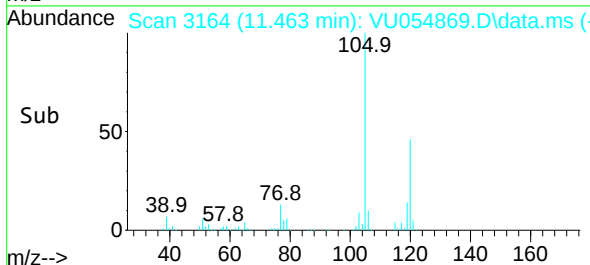
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

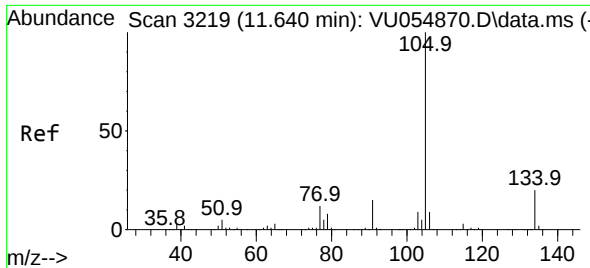


#78
1,2,4-Trimethylbenzene
Concen: 4.801 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08



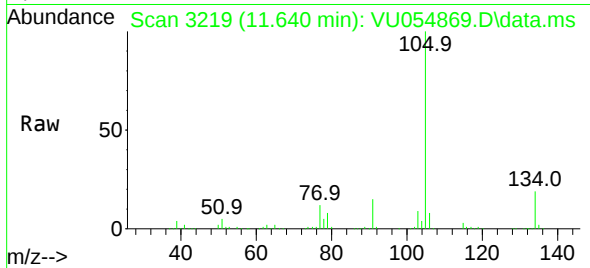
Tgt Ion:105 Resp: 134533
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 4.939 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054869.D
 Acq: 25 Jul 2023 11:08

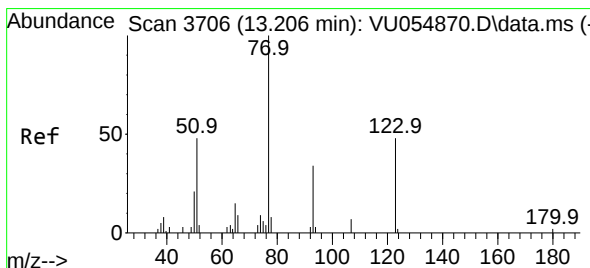
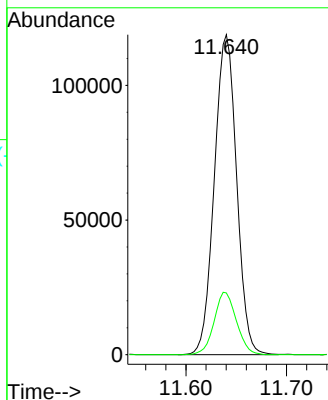
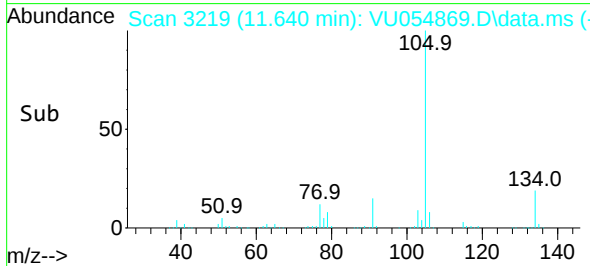
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



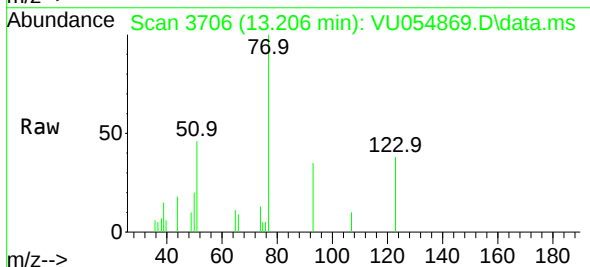
Tgt Ion:105 Resp: 18277
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.7 23.5

Manual Integrations
 APPROVED

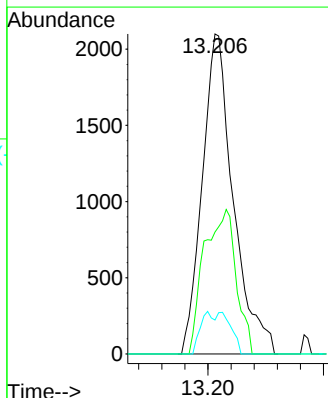
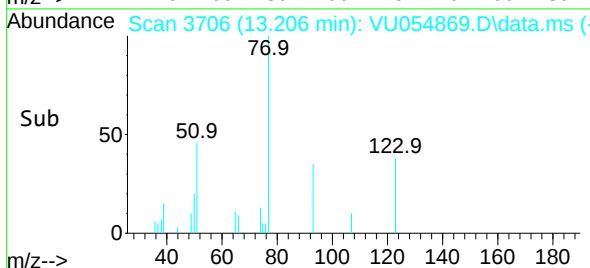
Reviewed By :Mahesh Dadoda 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

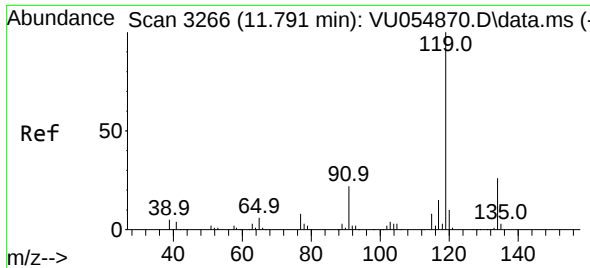


#80
 Nitrobenzene
 Concen: 22.598 ug/l
 RT: 13.206 min Scan# 3706
 Delta R.T. 0.003 min
 Lab File: VU054869.D
 Acq: 25 Jul 2023 11:08



Tgt Ion: 77 Resp: 3907
 Ion Ratio Lower Upper
 77 100
 123 46.5 20.2 71.8
 65 6.2 11.7 14.9#





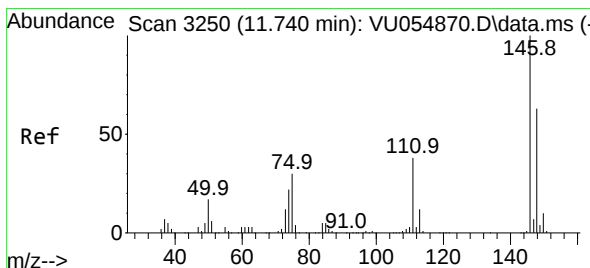
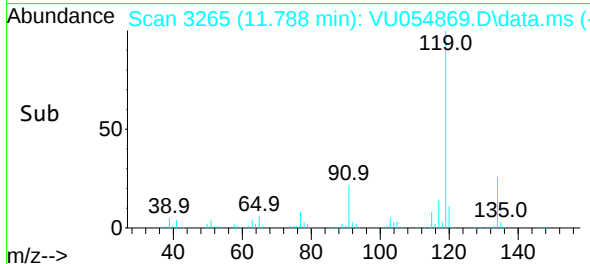
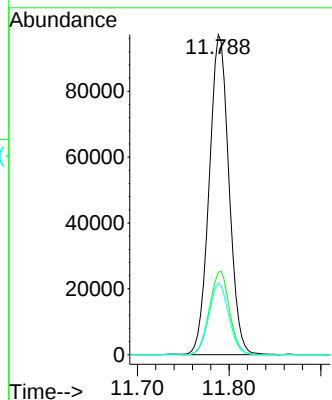
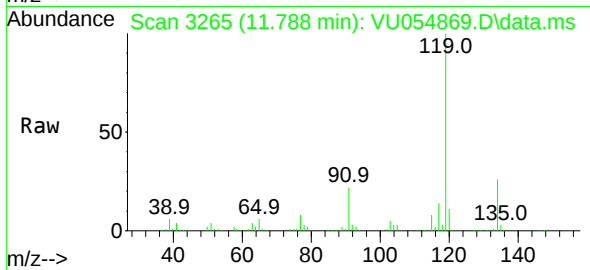
#81
p-Isopropyltoluene
Concen: 4.973 ug/l
RT: 11.788 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 145249
Ion Ratio Lower Upper
119 100
134 26.4 20.6 31.0
91 22.4 18.2 27.4

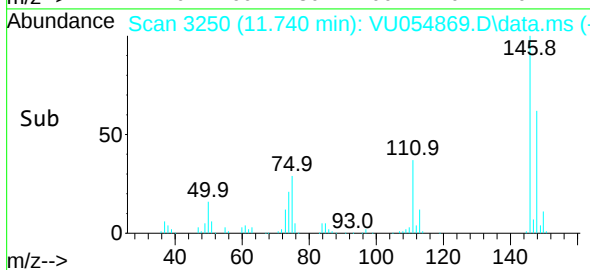
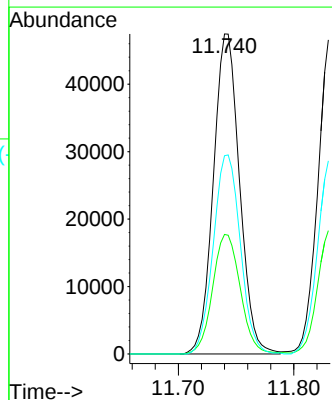
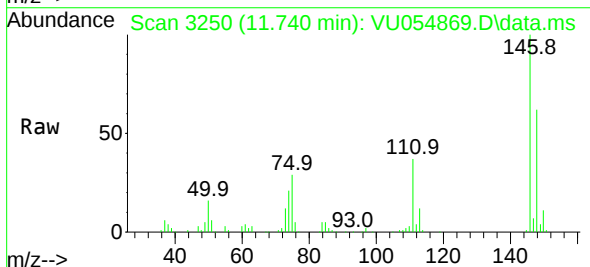
Manual Integrations
APPROVED

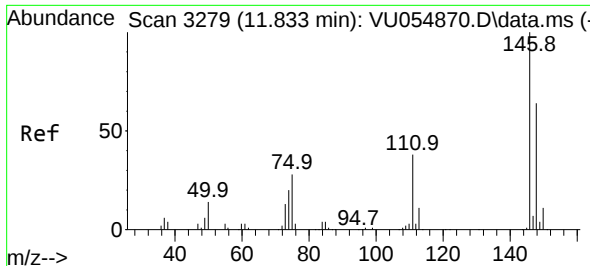
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#82
1,3-Dichlorobenzene
Concen: 4.665 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Tgt Ion:146 Resp: 74739
Ion Ratio Lower Upper
146 100
111 39.5 30.5 45.7
148 64.3 51.0 76.6





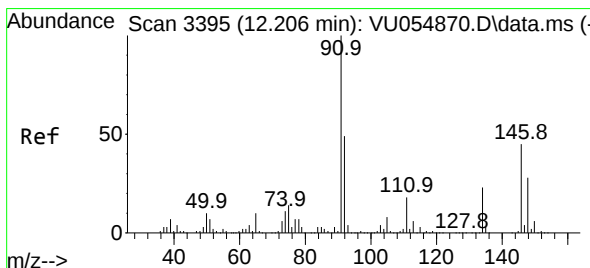
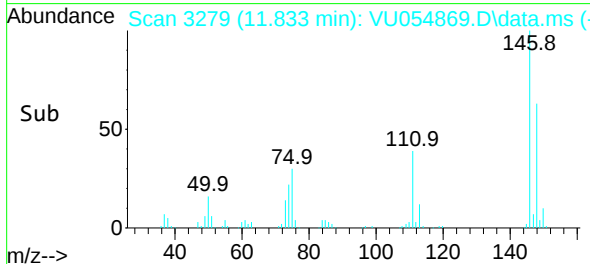
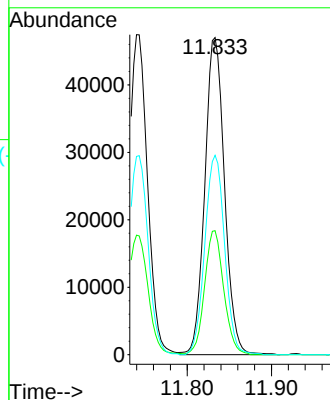
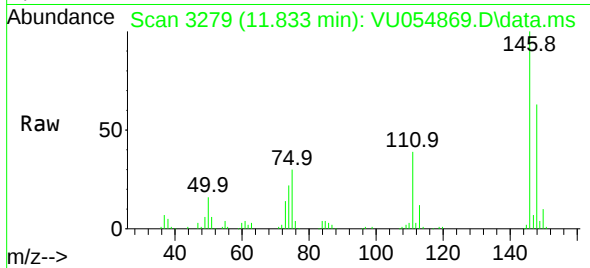
#83
1,4-Dichlorobenzene
Concen: 4.795 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 7658
Ion Ratio Lower Upper
146 100
111 38.0 29.5 44.3
148 63.3 51.2 76.8

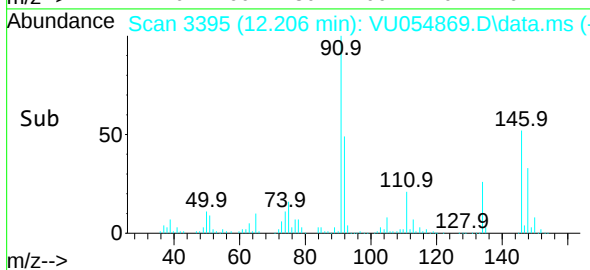
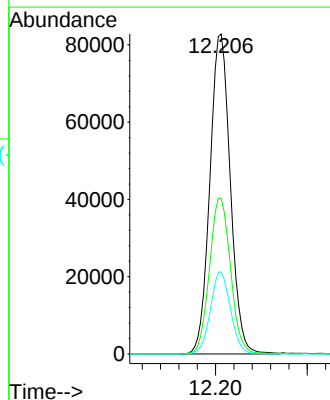
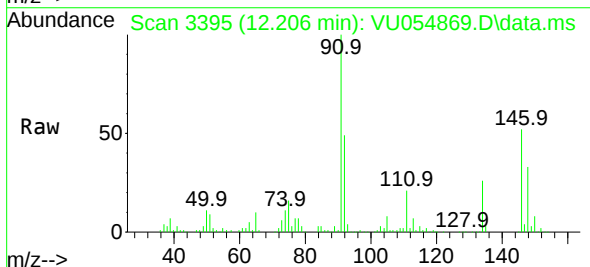
Manual Integrations
APPROVED

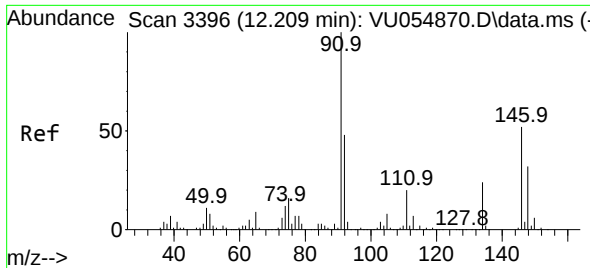
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#84
n-Butylbenzene
Concen: 4.883 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Tgt Ion: 91 Resp: 128100
Ion Ratio Lower Upper
91 100
92 50.2 39.8 59.8
134 25.3 20.2 30.4





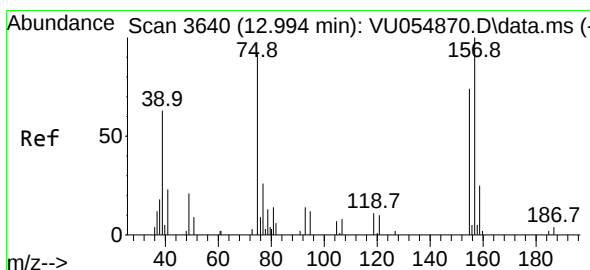
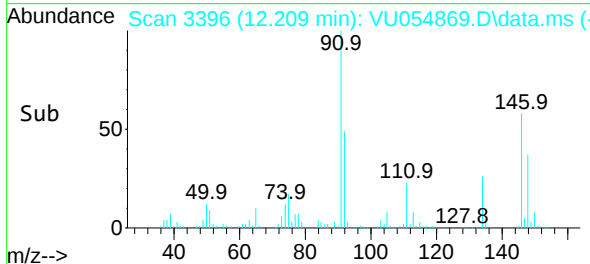
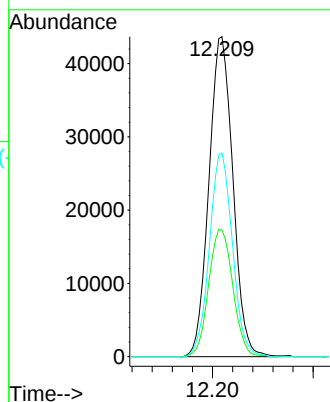
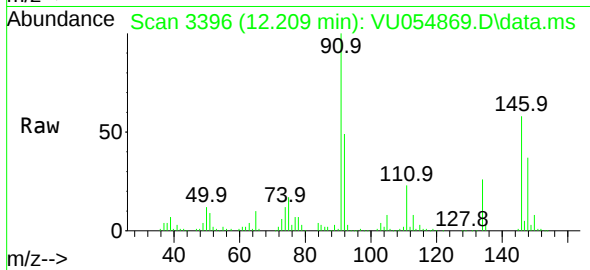
#85
1,2-Dichlorobenzene
Concen: 4.697 ug/l
RT: 12.209 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 7214
Ion Ratio Lower Upper
146 100
111 40.2 19.8 59.4
148 61.5 31.8 95.3

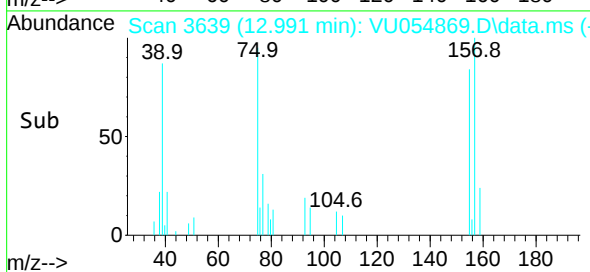
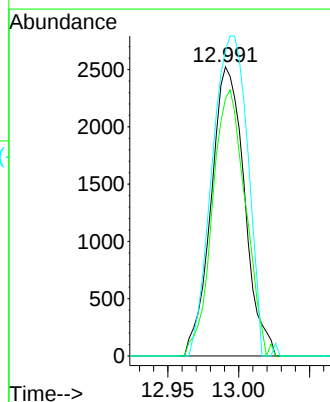
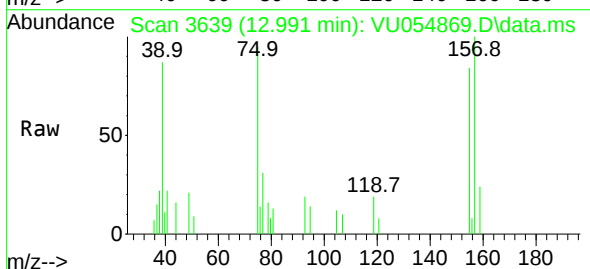
Manual Integrations
APPROVED

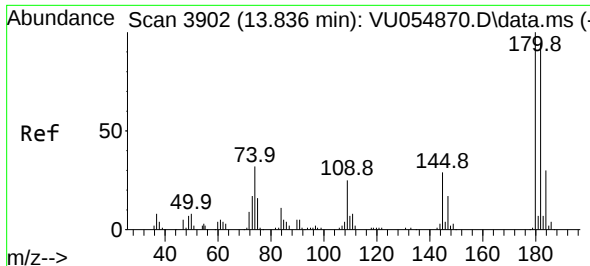
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 4.716 ug/l
RT: 12.991 min Scan# 3639
Delta R.T. 0.001 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

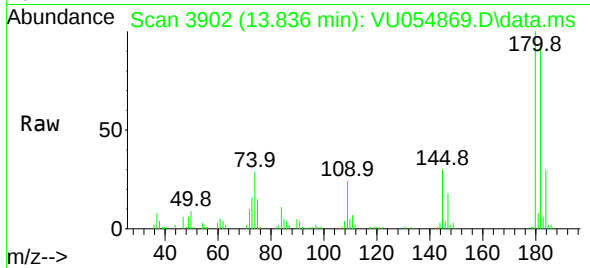
Tgt Ion: 75 Resp: 4126
Ion Ratio Lower Upper
75 100
155 91.3 74.8 112.2
157 118.1 97.4 146.0





#87
1,2,4-Trichlorobenzene
Concen: 4.640 ug/l
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08

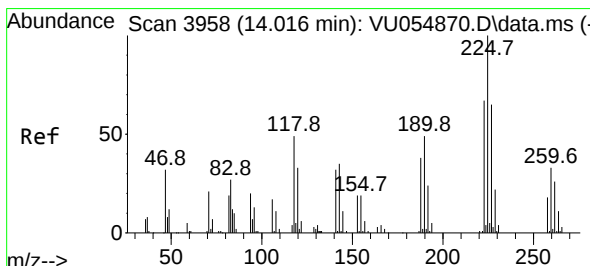
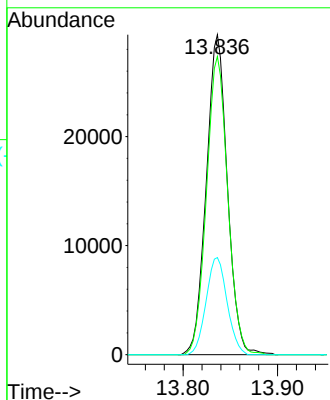
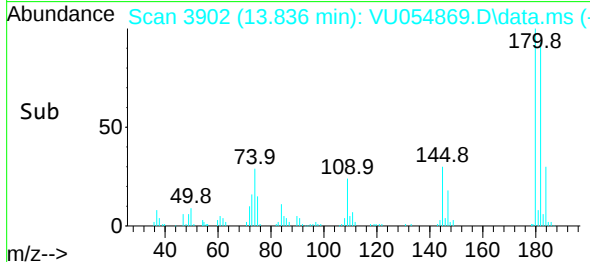
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



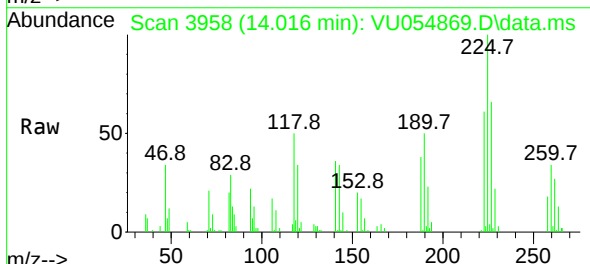
Tgt Ion:180 Resp: 4545
Ion Ratio Lower Upper
180 100
182 93.9 77.0 115.6
145 30.2 23.4 35.0

Manual Integrations
APPROVED

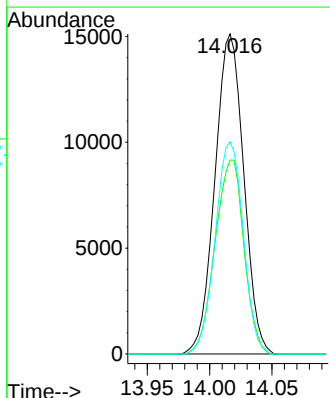
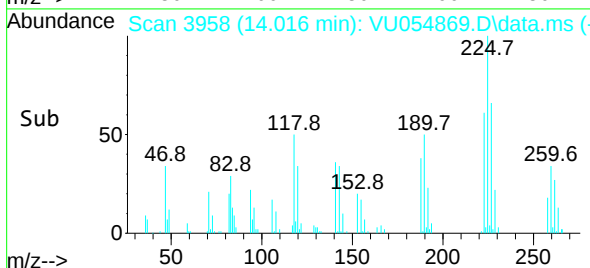
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

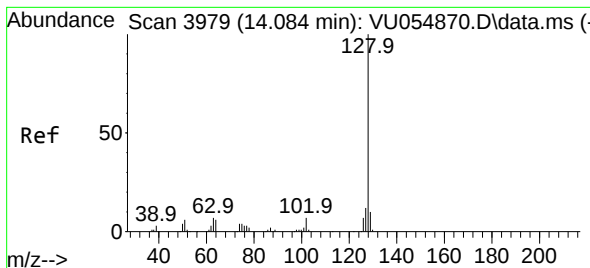


#88
Hexachlorobutadiene
Concen: 4.659 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054869.D
Acq: 25 Jul 2023 11:08



Tgt Ion:225 Resp: 24342
Ion Ratio Lower Upper
225 100
223 60.8 50.6 76.0
227 64.5 50.7 76.1





#89

Naphthalene

Concen: 4.500 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Instrument :

MSVOA_U

ClientSampleId :

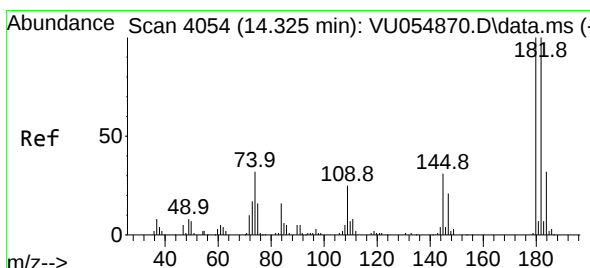
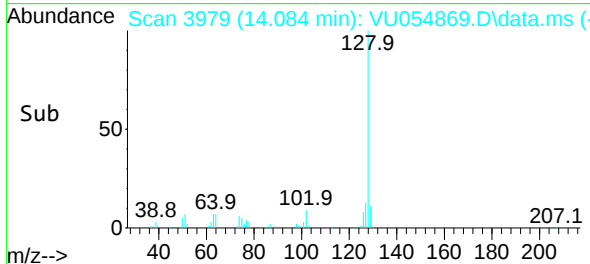
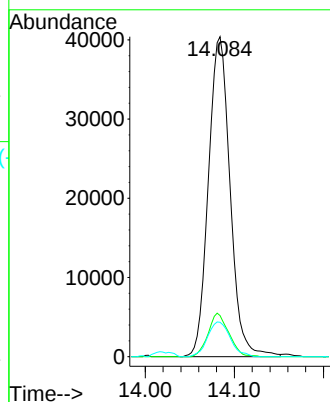
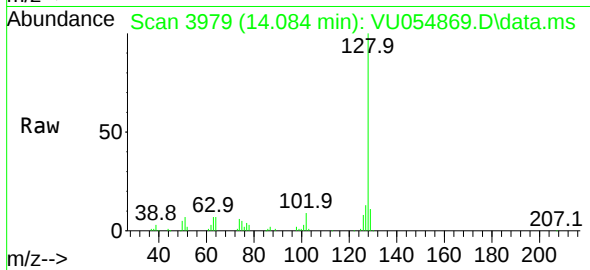
VSTDIC005

Tgt Ion:128	Resp: 6826
Ion Ratio	Lower Upper
128 100	
127 12.9	10.6 15.8
129 11.4	8.7 13.1

Manual Integrations

APPROVED

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



#90

1,2,3-Trichlorobenzene

Concen: 4.513 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU054869.D

Acq: 25 Jul 2023 11:08

Tgt Ion:180	Resp: 39223
Ion Ratio	Lower Upper
180 100	
182 94.7	76.0 114.0
145 31.8	24.3 36.5

