

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072523\
 Data File : VU054867.D
 Acq On : 25 Jul 2023 10:16
 Operator : MD/SY
 Sample : VSTDICC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 08:41:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 08:39:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	25395	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7849	1.019	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	9109	1.047	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	4680	0.968	ug/l	98
3) Chloromethane	1.515	50	5854	1.078	ug/l	97
4) Vinyl Chloride	1.602	62	7391	1.019	ug/l	89
5) Bromomethane	1.856	94	5487	0.953	ug/l	93
6) Chloroethane	1.930	64	6676	0.890	ug/l	96
7) Trichlorofluoromethane	2.133	101	17271	1.013	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	5481	0.992	ug/l	99
9) 1,1-Dichloroethene	2.573	96	4374	0.998	ug/l	94
10) Iodomethane	2.715	142	6704	0.979	ug/l	99
11) Allyl Chloride	2.920	41	5425	1.035	ug/l	93
12) Acrylonitrile	3.332	53	2155m	1.956	ug/l	
13) Acetone	2.660	43	5079m	4.338	ug/l	
14) Carbon Disulfide	2.792	76	8133	1.071	ug/l #	88
15) Methylene Chloride	3.042	84	5566	0.948	ug/l	90
16) trans-1,2-Dichloroethene	3.348	96	4678	0.980	ug/l #	94
17) 1,1-Dichloroethane	3.862	63	10325	0.967	ug/l	99
18) 2-Butanone	4.724	43	6848m	4.544	ug/l	
19) Cyclohexane	5.386	56	5926	0.987	ug/l #	86
20) Methylcyclohexane	6.756	83	8270	1.030	ug/l	93
21) 2,2-Dichloropropane	4.653	77	8910	0.900	ug/l #	84
22) cis-1,2-Dichloroethene	4.666	96	6534	1.030	ug/l	94
23) Diethyl Ether	2.374	59	6851	1.059	ug/l	95
24) tert-Butyl Alcohol	3.187	59	6986m	11.597	ug/l	
25) Methyl tert-Butyl Ether	3.364	73	13415	0.989	ug/l	99
26) Bromochloromethane	4.975	128	2986	1.148	ug/l	85
27) Chloroform	5.087	83	11173	0.975	ug/l	98
28) 1,1,1-Trichloroethane	5.312	97	10047	1.015	ug/l	97
29) 1,1-Dichloropropene	5.525	75	7690	1.053	ug/l #	69
30) Carbon Tetrachloride	5.521	117	8241	0.997	ug/l	96
31) Isopropyl Ether	3.988	45	15031	0.954	ug/l	96
32) Ethyl-t-butyl ether	4.499	59	15449	0.952	ug/l	93
33) Tert-Amyl methyl ether	5.936	73	14993	0.977	ug/l	97
34) Propionitrile	4.814	54	1898m	4.568	ug/l	
35) Benzene	5.772	78	21989	0.961	ug/l	96
36) 1,2-Dichloroethane	5.798	62	6537	1.005	ug/l #	86
37) Trichloroethene	6.544	130	6121	0.995	ug/l	99
38) 1,2-Dichloropropane	6.785	63	6142	0.950	ug/l	94
39) Methacrylonitrile	4.997	41	1634m	1.013	ug/l	
40) Methyl acrylate	4.885	55	2633m	1.028	ug/l	
41) Tetrahydrofuran	5.068	42	2312m	2.491	ug/l	
42) 1-Chlorobutane	5.460	56	9600	1.004	ug/l	100
43) Dibromomethane	6.917	93	2912	0.959	ug/l	93
44) Bromodichloromethane	7.100	83	8247	0.975	ug/l #	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.791	43	16318	4.605	ug/l #	92
46) t-1,4-Dichloro-2-butene	10.830	75	2615m	1.807	ug/l	
47) Methyl methacrylate	6.965	69	5514	1.986	ug/l	99
48) Ethyl methacrylate	8.335	69	5089	0.906	ug/l	95
49) Toluene	7.965	92	14760	1.013	ug/l	95
50) t-1,3-Dichloropropene	8.213	75	7412	0.987	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	8972	0.972	ug/l	97
52) 1,1,2-Trichloroethane	8.399	97	5054	1.050	ug/l #	87
53) 1,3-Dichloropropane	8.573	76	8040	1.032	ug/l	98
54) 2-Hexanone	8.685	43	11937	4.741	ug/l	98
55) Dibromochloromethane	8.804	129	5279	0.957	ug/l	97
56) 1,2-Dibromoethane	8.923	107	3751	0.919	ug/l	98
58) Tetrachloroethene	8.544	164	5680	1.058	ug/l #	88
59) Chlorobenzene	9.444	112	17919	1.013	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.531	131	6164	0.987	ug/l	97
61) Pentachloroethane	11.425	117	4259	0.873	ug/l	95
62) Hexachloroethane	12.473	117	4787	0.954	ug/l	98
63) Ethyl Benzene	9.566	91	28424	0.958	ug/l	99
64) m/p-Xylenes	9.688	106	20779	1.872	ug/l	94
65) o-Xylene	10.097	106	10500	0.921	ug/l	93
66) Styrene	10.113	104	17323	0.950	ug/l	99
67) Bromoform	10.290	173	2989	1.045	ug/l	91
69) Isopropylbenzene	10.483	105	30287	0.989	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.778	83	5576	0.936	ug/l	98
71) 1,2,3-Trichloropropane	10.820	75	3813m	0.891	ug/l	
72) Bromobenzene	10.782	156	6458	0.948	ug/l	74
73) n-propylbenzene	10.901	120	7766	0.948	ug/l	99
74) 2-Chlorotoluene	10.984	126	7180	1.012	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	24121	0.973	ug/l	100
76) 4-Chlorotoluene	11.097	126	7177	0.974	ug/l	96
77) tert-Butylbenzene	11.415	119	24117	0.936	ug/l	98
78) 1,2,4-Trimethylbenzene	11.463	105	23615	0.931	ug/l	95
79) sec-Butylbenzene	11.640	105	31817	0.949	ug/l	99
80) Nitrobenzene	13.216	77	606	3.871	ug/l #	83
81) p-Isopropyltoluene	11.788	119	24116	0.912	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	14245	0.982	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	14431	0.998	ug/l	98
84) n-Butylbenzene	12.206	91	20154	0.848	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	13538	0.973	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.997	75	770	0.972	ug/l #	59
87) 1,2,4-Trichlorobenzene	13.839	180	8019	0.904	ug/l	95
88) Hexachlorobutadiene	14.016	225	4373	0.924	ug/l	96
89) Naphthalene	14.087	128	13282	0.967	ug/l	97
90) 1,2,3-Trichlorobenzene	14.328	180	7435	0.945	ug/l	96

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

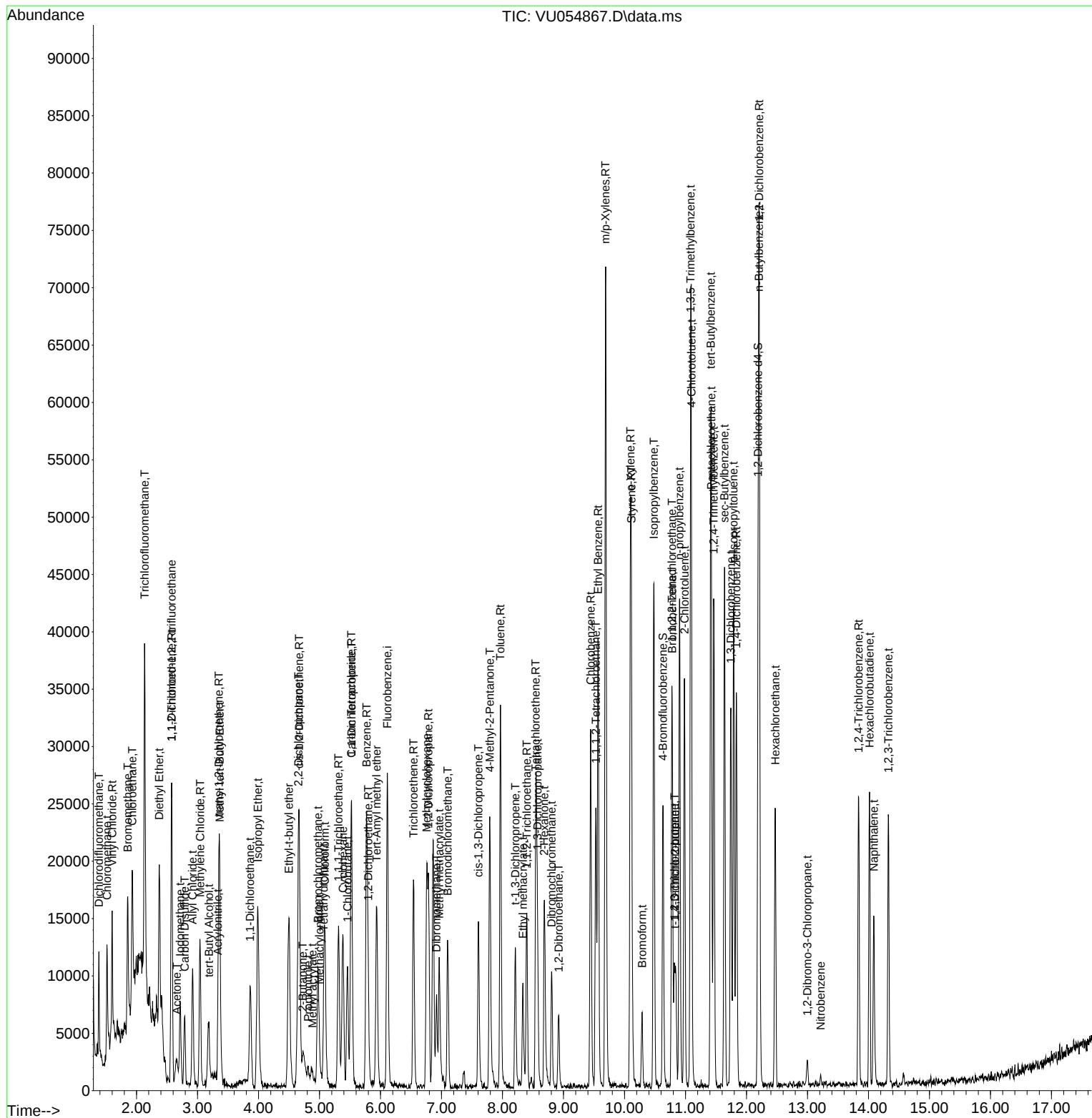
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072523\
 Data File : VU054867.D
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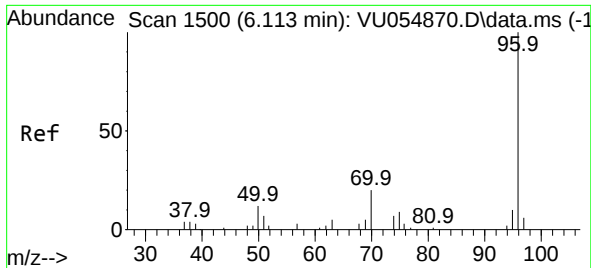
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations APPROVED

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 Supervised By : Semsettin Yesilyurt 07/28/2023

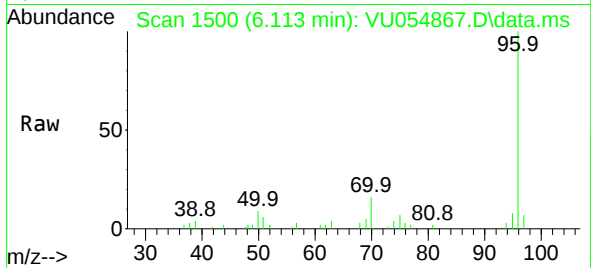
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1500
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

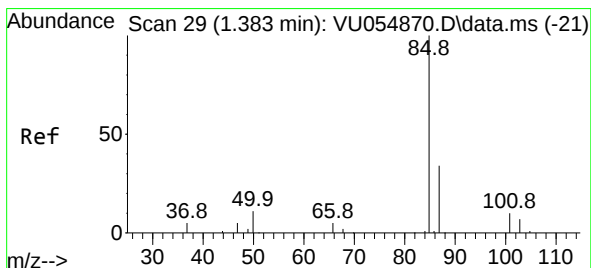
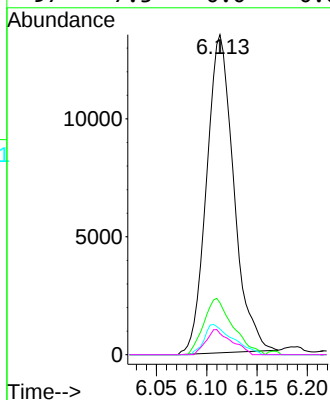
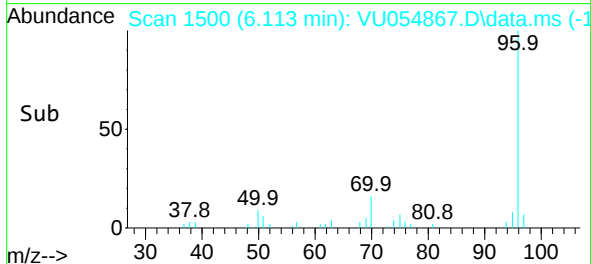
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 2539
Ion Ratio Lower Upper
96 100
70 18.8 14.0 21.0
95 9.9 8.7 13.1
97 7.3 0.0 0.0#

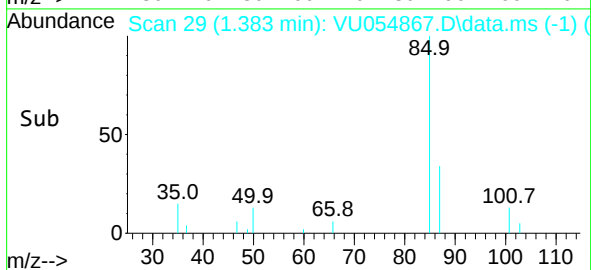
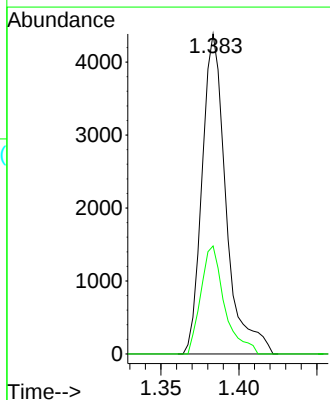
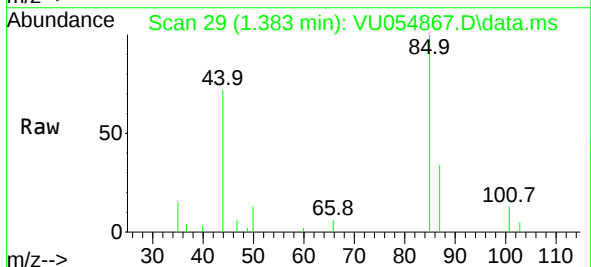
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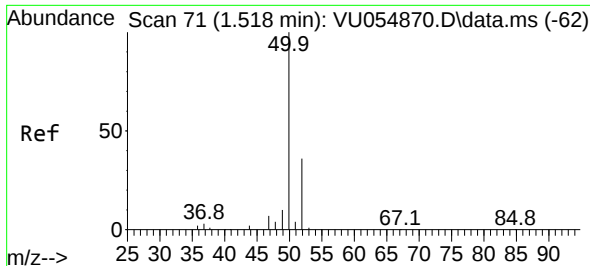
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#2
Dichlorodifluoromethane
Concen: 0.968 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

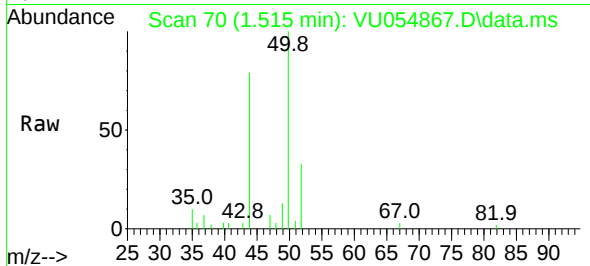
Tgt Ion: 85 Resp: 4680
Ion Ratio Lower Upper
85 100
87 33.8 16.2 48.6





#3
Chloromethane
Concen: 1.078 ug/l
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

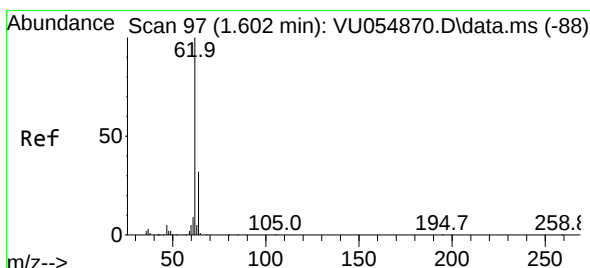
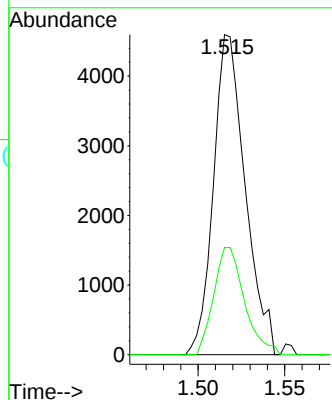
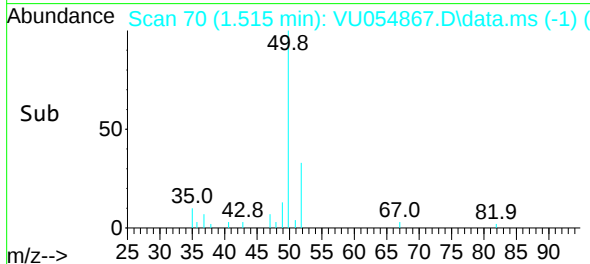
Instrument :
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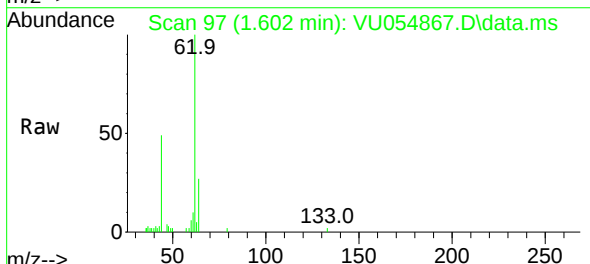
Tgt Ion: 50 Resp: 5854
Ion Ratio Lower Upper
50 100
52 33.5 28.2 42.2

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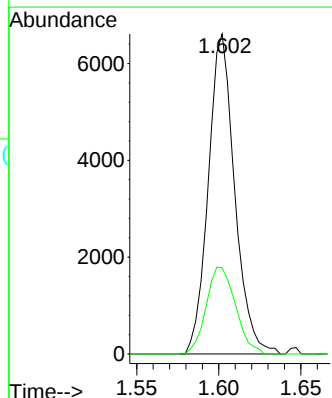
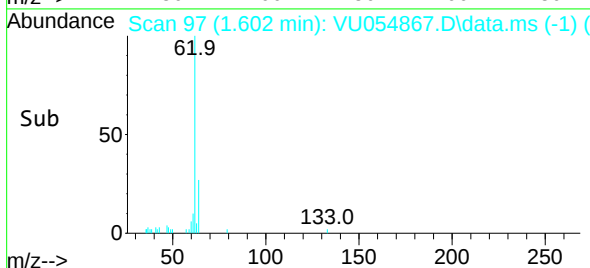
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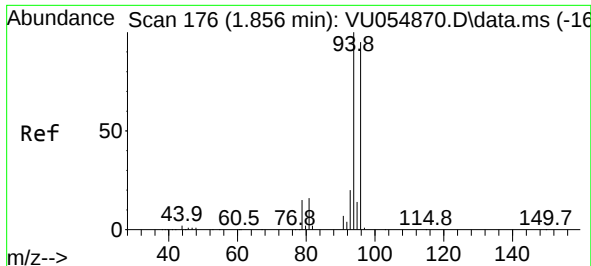


#4
Vinyl Chloride
Concen: 1.019 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



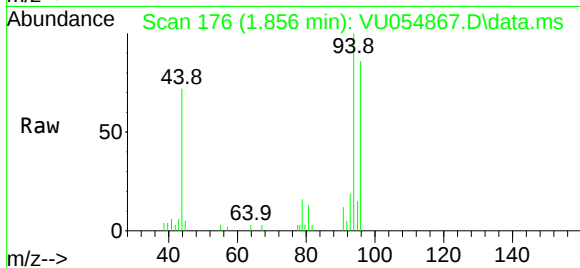
Tgt Ion: 62 Resp: 7391
Ion Ratio Lower Upper
62 100
64 26.9 26.4 39.6





#5
Bromomethane
Concen: 0.953 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

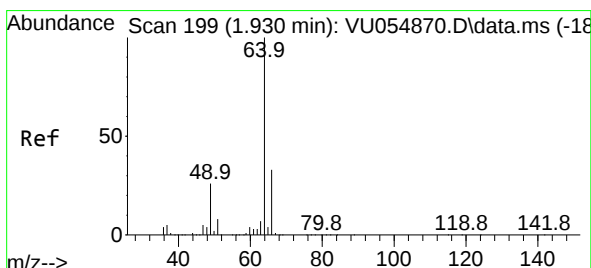
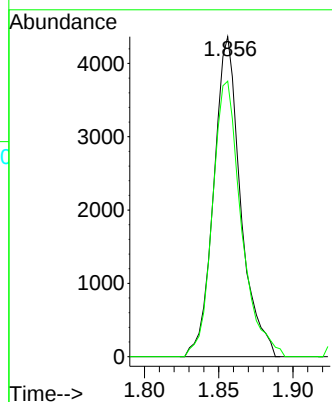
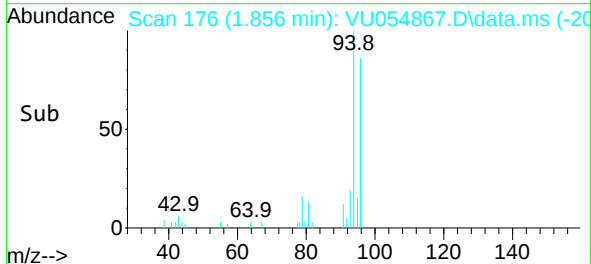
Instrument :
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ClientSampleId :
VSTDIC001



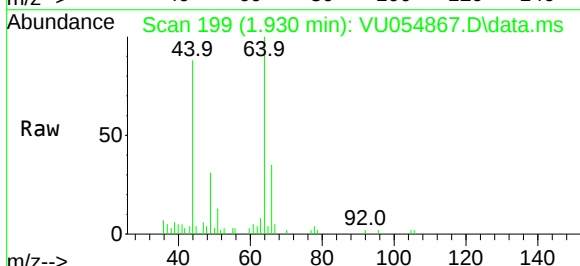
Tgt Ion: 94 Resp: 548
Ion Ratio Lower Upper
94 100
96 86.1 74.6 111.8

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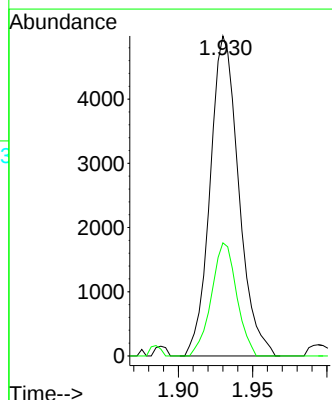
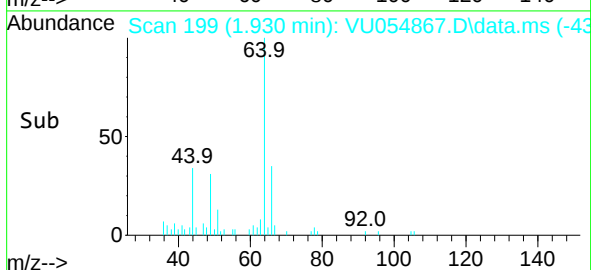
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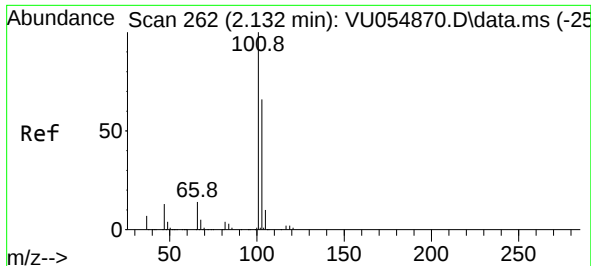


#6
Chloroethane
Concen: 0.890 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054867.D
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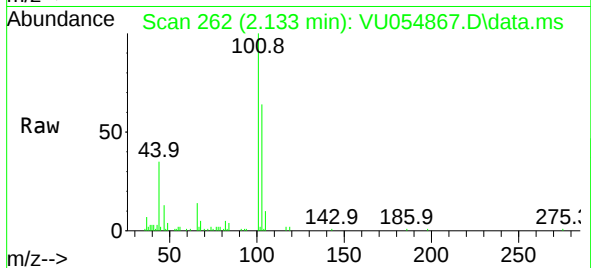
Tgt Ion: 64 Resp: 6676
Ion Ratio Lower Upper
64 100
66 35.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 1.013 ug/l
RT: 2.133 min Scan# 201
Delta R.T. 0.000 min
Lab File: VU054867.D
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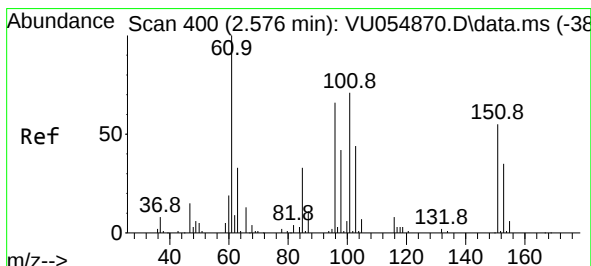
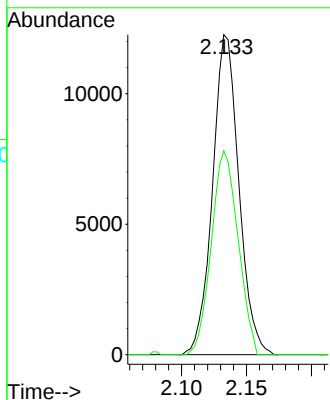
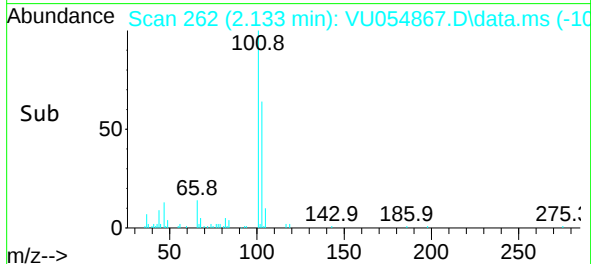
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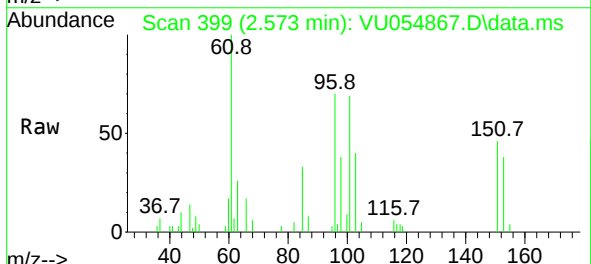
Tgt Ion:101 Resp: 1727
Ion Ratio Lower Upper
101 100
103 63.7 52.9 79.3

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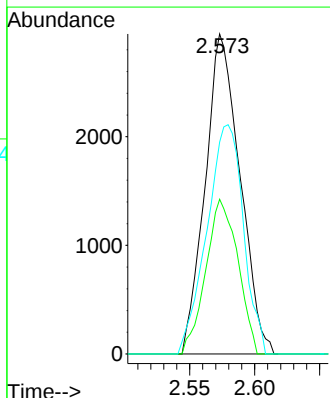
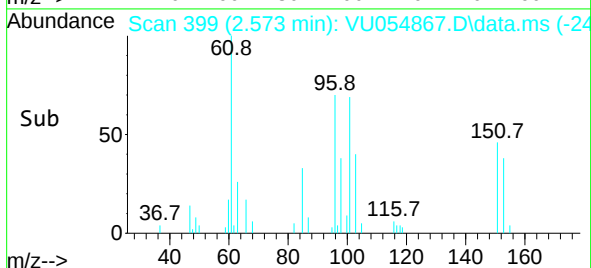
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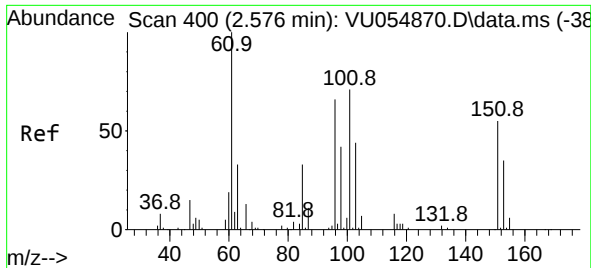


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.992 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



Tgt Ion:101 Resp: 5481
Ion Ratio Lower Upper
101 100
85 44.5 34.8 52.2
151 75.2 60.5 90.7





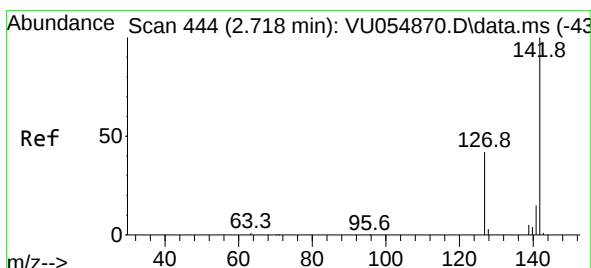
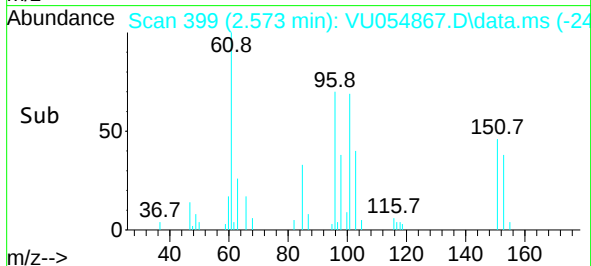
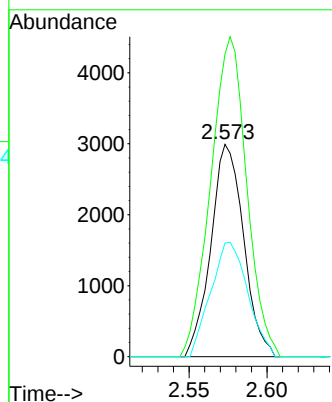
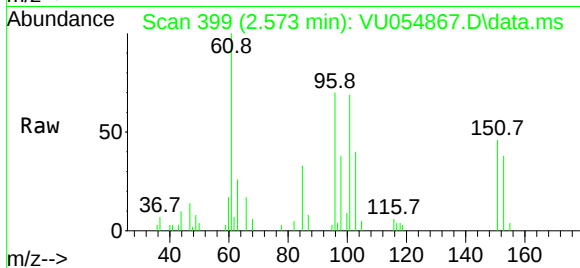
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1,1-Dichloroethene
Concen: 0.998 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Instrument :
MSVOA_U
Client Sample Id :
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Tgt Ion: 96 Resp: 4374
Ion Ratio Lower Upper
96 100
61 143.6 0.0 440.1
98 50.6 0.0 121.8

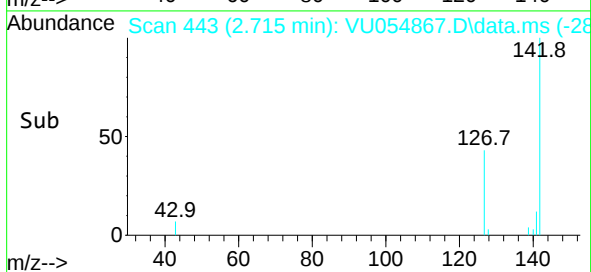
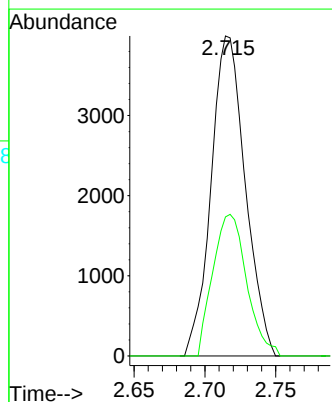
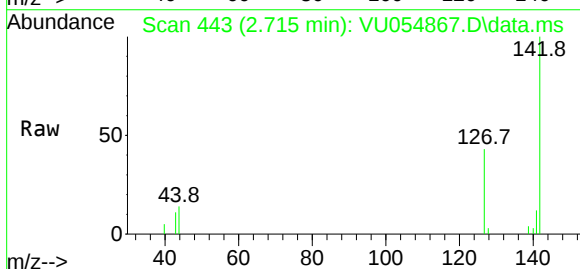
Manual Integrations
APPROVED

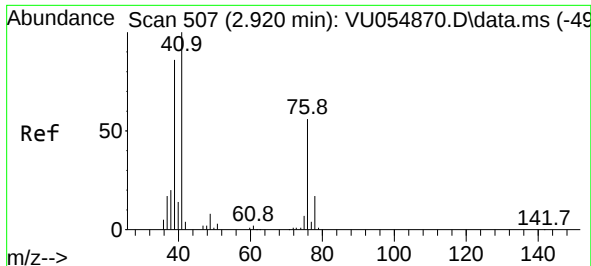
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#10
Iodomethane
Concen: 0.979 ug/l
RT: 2.715 min Scan# 443
Delta R.T. -0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Tgt Ion:142 Resp: 6704
Ion Ratio Lower Upper
142 100
127 43.8 34.3 51.5





#11

Allyl Chloride

Concen: 1.035 ug/l

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 542

Ion Ratio Lower Upper

41 100

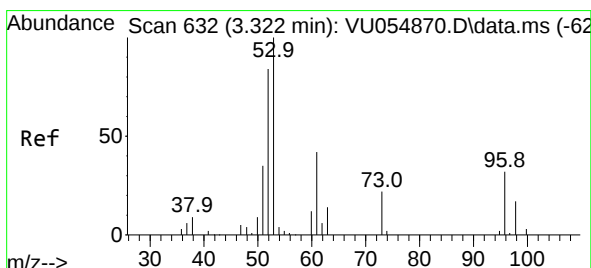
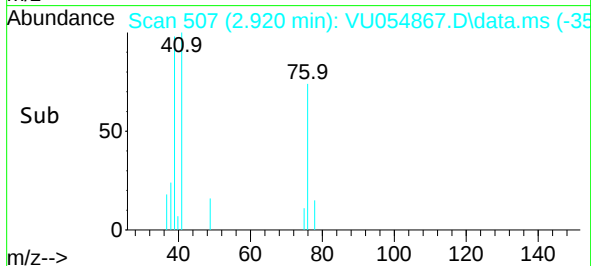
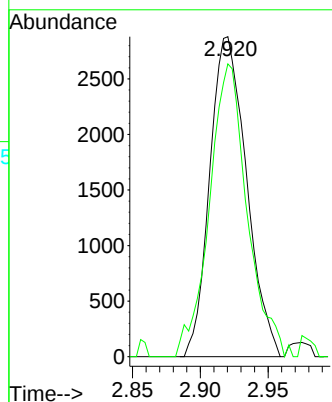
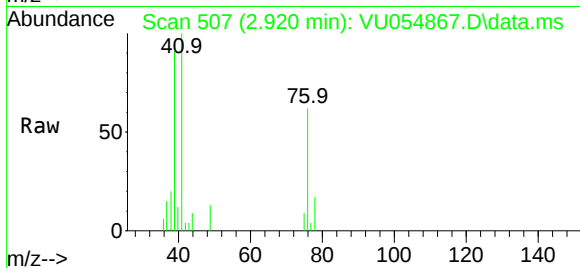
39 94.1 70.2 105.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#12

Acrylonitrile

Concen: 1.956 ug/l m

RT: 3.332 min Scan# 635

Delta R.T. 0.010 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

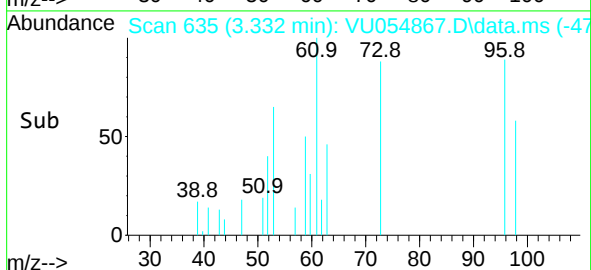
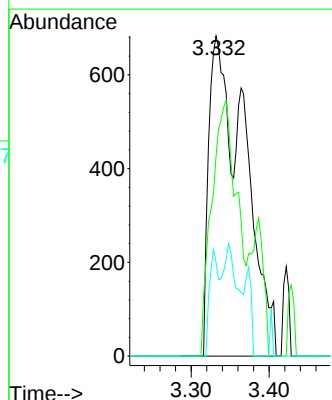
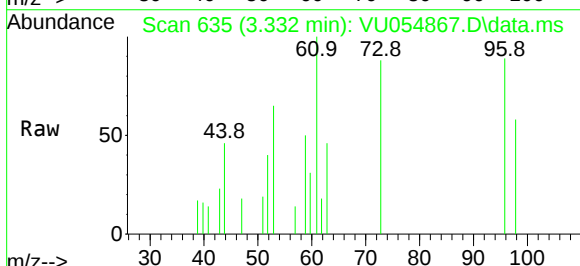
Tgt Ion: 53 Resp: 2155

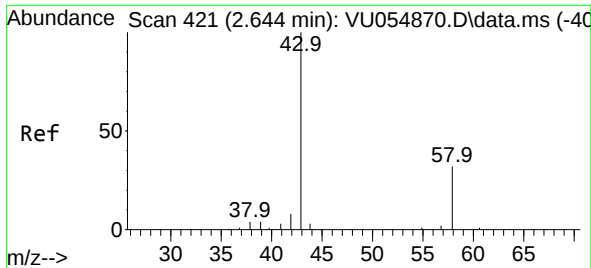
Ion Ratio Lower Upper

53 100

52 0.0 64.2 96.4#

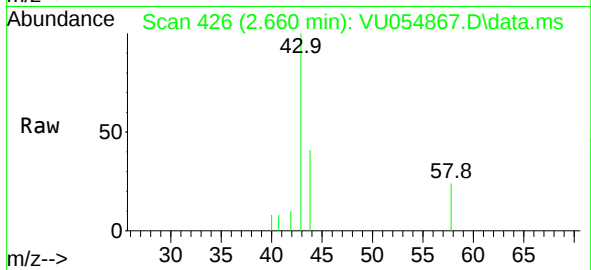
51 8.1 33.6 50.4#





#13
Acetone
Concen: 4.338 ug/l m
RT: 2.660 min Scan# 41
Delta R.T. 0.010 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

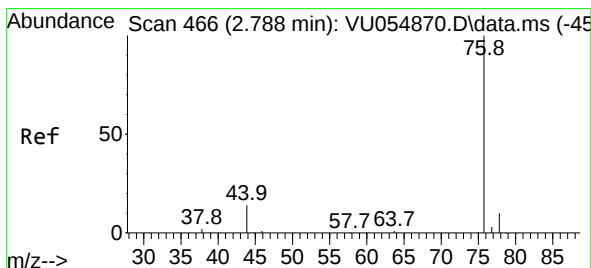
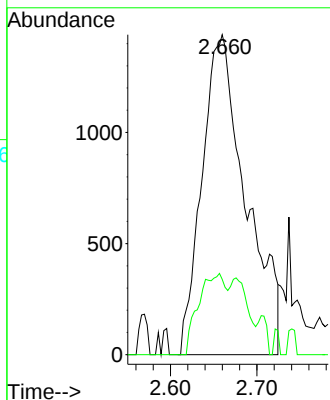
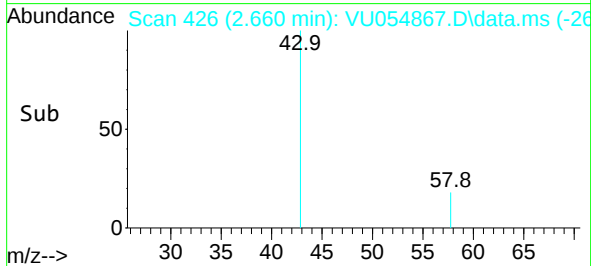
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 43 Resp: 5079
Ion Ratio Lower Upper
43 100
58 23.5 30.7 46.1

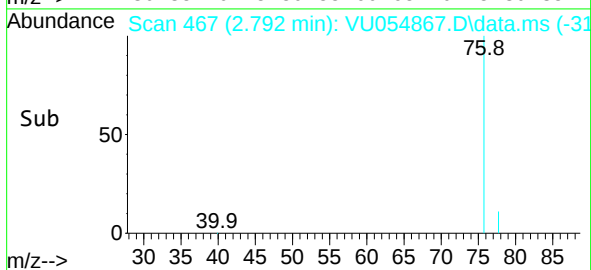
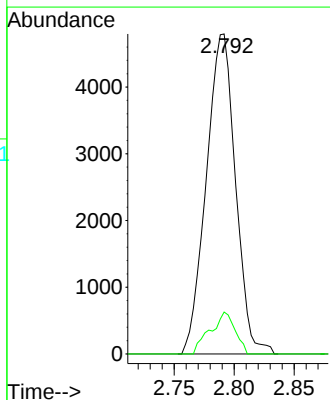
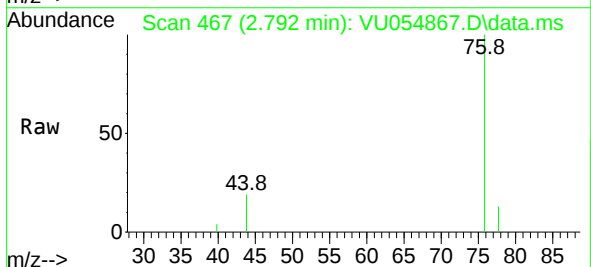
Manual Integrations
APPROVED

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



#14
Carbon Disulfide
Concen: 1.071 ug/l
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Tgt Ion: 76 Resp: 8133
Ion Ratio Lower Upper
76 100
78 13.1 7.1 10.7





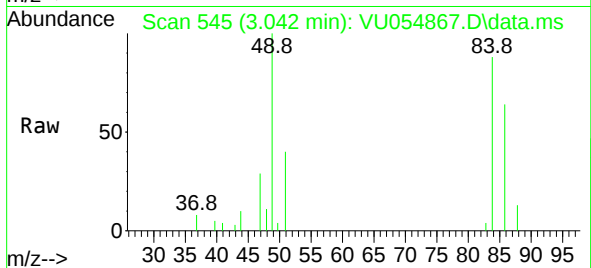
#15
Methylene Chloride
Concen: 0.948 ug/l
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

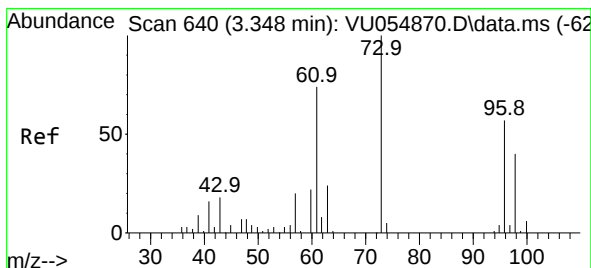
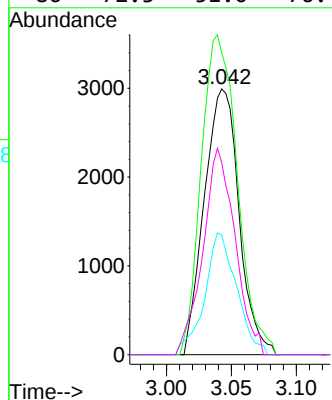


Tgt Ion: 84 Resp: 556
Ion Ratio Lower Upper
84 100
49 117.6 87.8 131.6
51 45.0 0.0 68.2
86 72.3 51.0 76.4

Manual Integrations

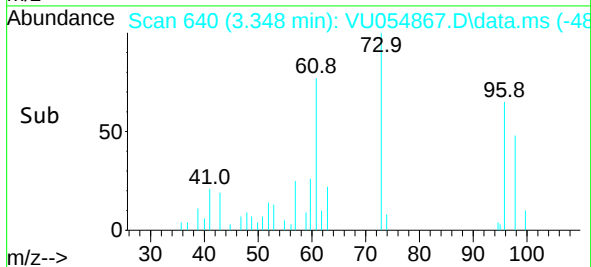
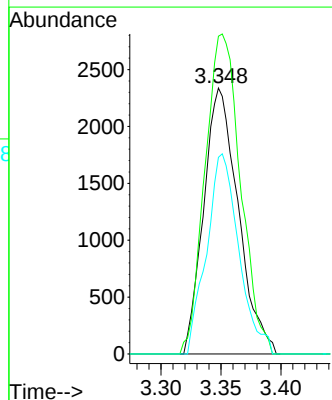
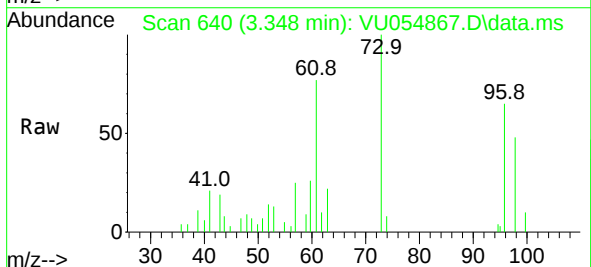
APPROVED

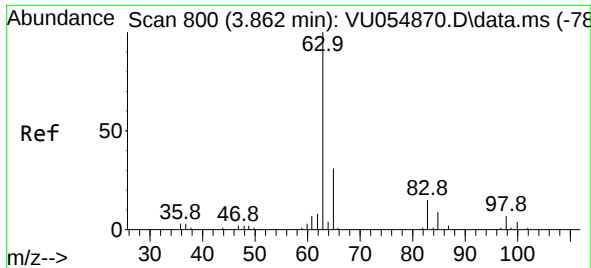
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#16
trans-1,2-Dichloroethene
Concen: 0.980 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Tgt Ion: 96 Resp: 4678
Ion Ratio Lower Upper
96 100
61 119.5 96.4 144.6
98 74.0 49.3 73.9#





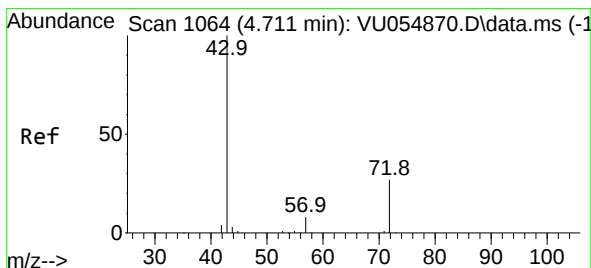
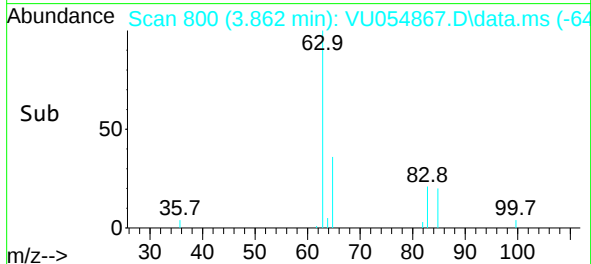
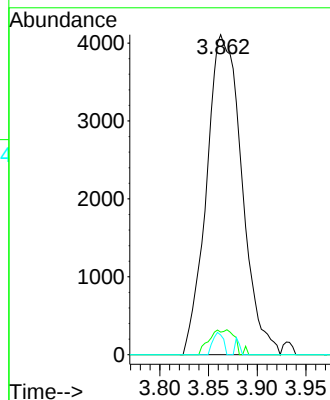
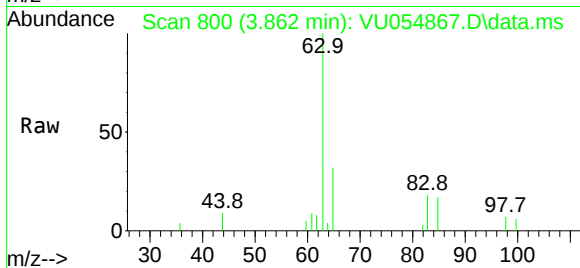
#17
1,1-Dichloroethane
Concen: 0.967 ug/l
RT: 3.862 min Scan# 800
Delta R.T. -0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 1032
Ion Ratio Lower Upper
63 100
98 7.0 3.6 10.8
100 6.1 2.8 8.4

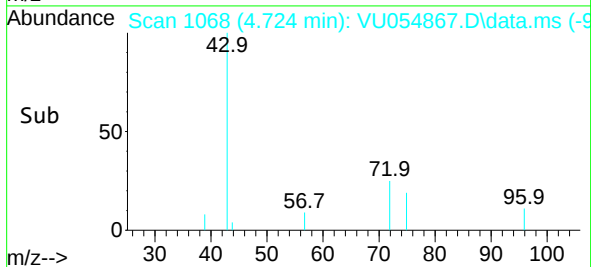
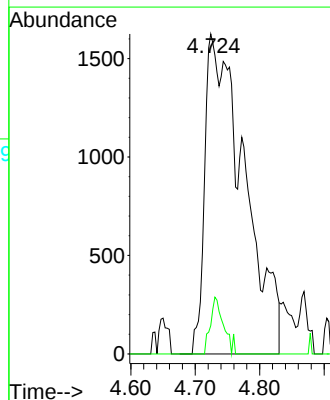
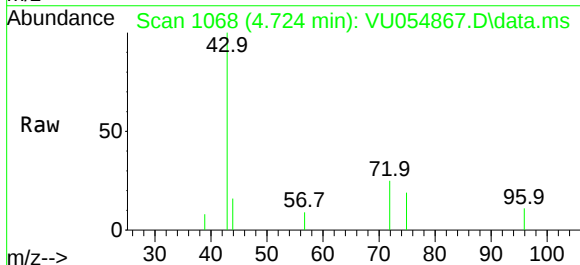
Manual Integrations
APPROVED

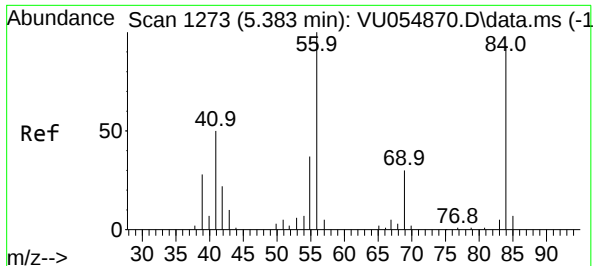
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#18
2-Butanone
Concen: 4.544 ug/l m
RT: 4.724 min Scan# 1068
Delta R.T. 0.010 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Tgt Ion: 43 Resp: 6848
Ion Ratio Lower Upper
43 100
57 8.9 0.0 20.8





#19

Cyclohexane

Concen: 0.987 ug/l

RT: 5.386 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

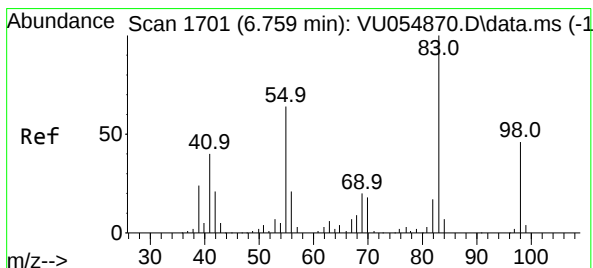
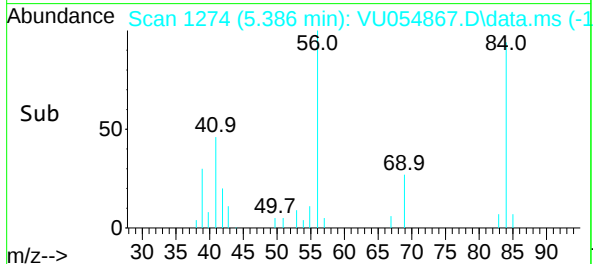
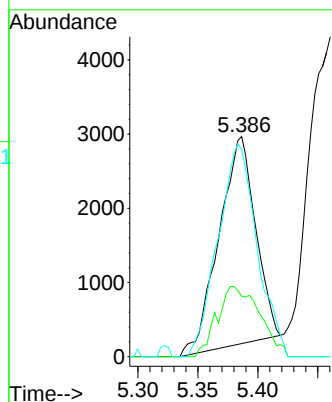
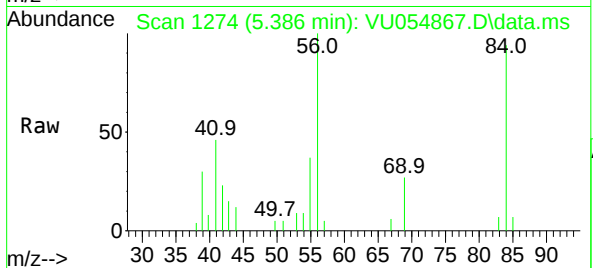
VSTDICC001

Tgt Ion:	56	Resp:	5920
Ion Ratio	Lower	Upper	
56	100		
69	39.5	24.7	37.1
84	109.3	76.5	114.7

Manual Integrations

APPROVED

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



#20

Methylcyclohexane

Concen: 1.030 ug/l

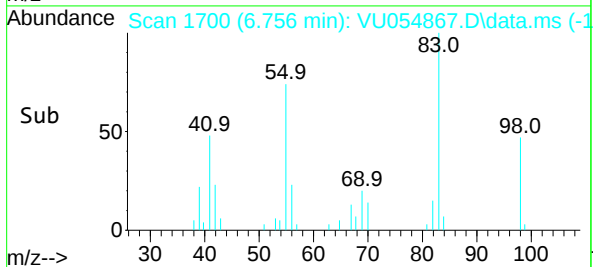
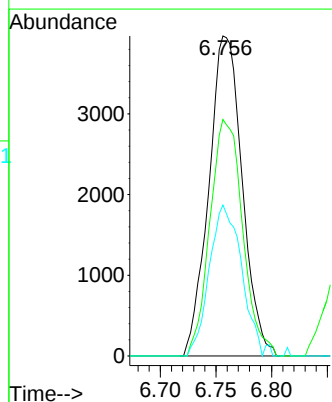
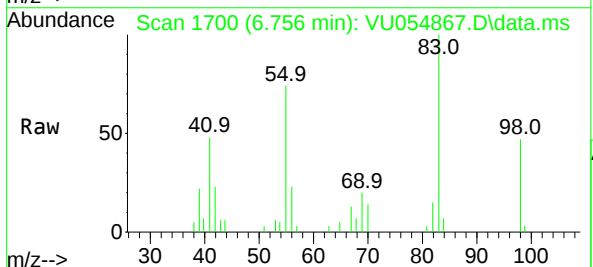
RT: 6.756 min Scan# 1700

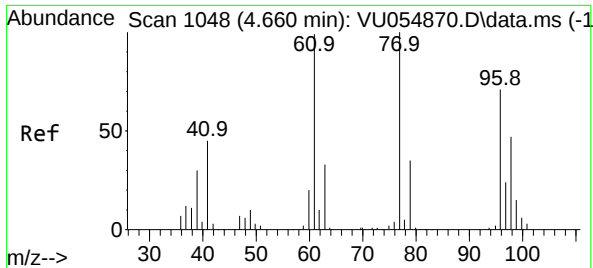
Delta R.T. -0.003 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Tgt Ion:	83	Resp:	8270
Ion Ratio	Lower	Upper	
83	100		
55	72.4	51.6	77.4
98	45.3	38.2	57.2





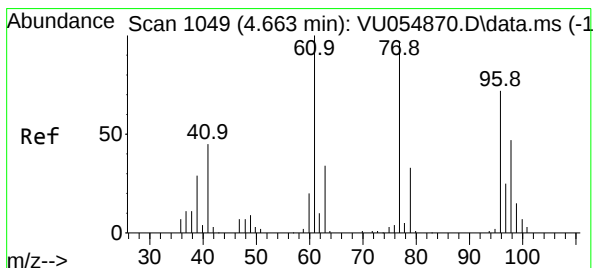
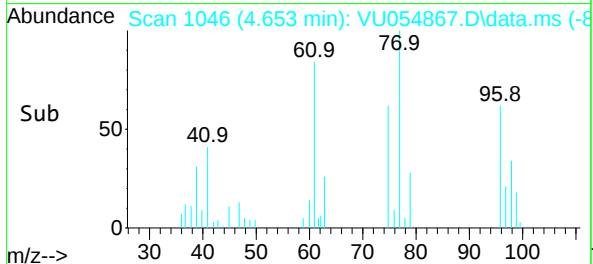
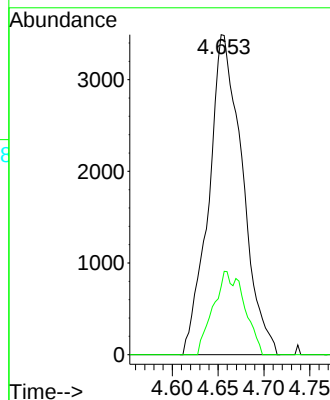
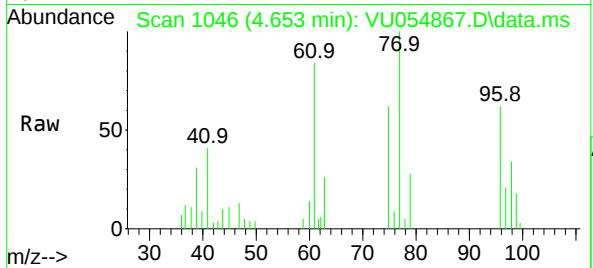
#21
2,2-Dichloropropane
Concen: 0.900 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 77 Resp: 8910
Ion Ratio Lower Upper
77 100
97 15.0 18.0 27.0

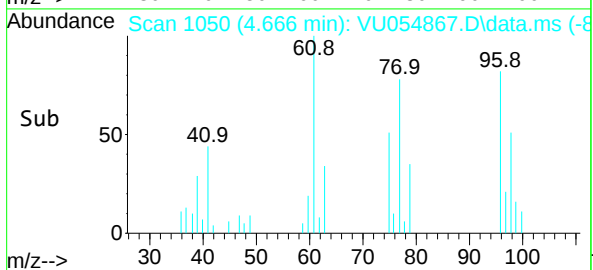
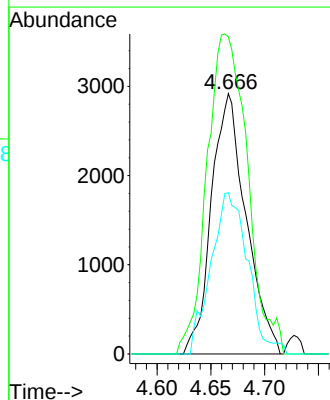
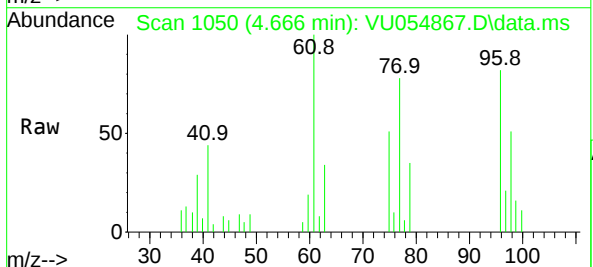
Manual Integrations
APPROVED

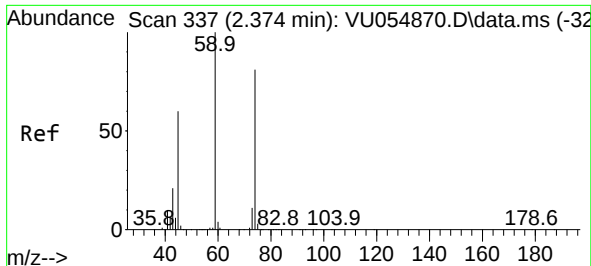
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#22
cis-1,2-Dichloroethene
Concen: 1.030 ug/l
RT: 4.666 min Scan# 1050
Delta R.T. 0.007 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

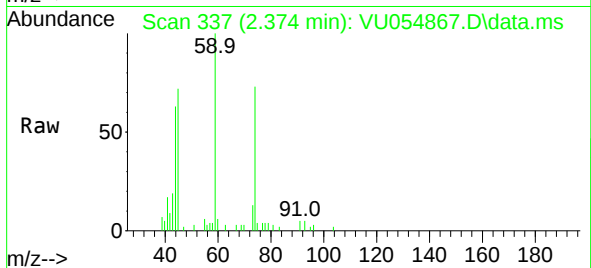
Tgt Ion: 96 Resp: 6534
Ion Ratio Lower Upper
96 100
61 143.7 0.0 332.0
98 65.6 32.5 97.5





#23
Diethyl Ether
Concen: 1.059 ug/l
RT: 2.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

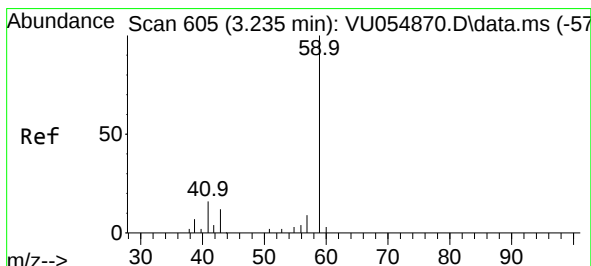
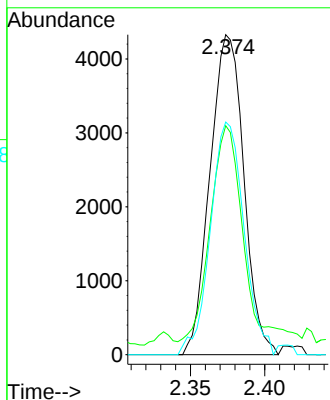
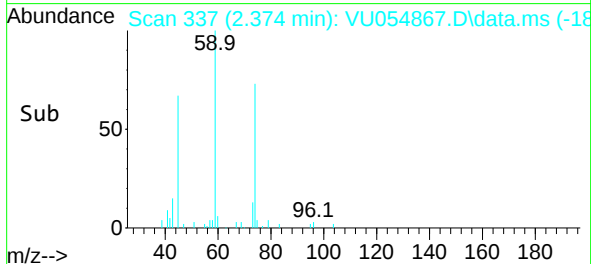
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 59 Resp: 685
Ion Ratio Lower Upper
59 100
45 65.5 51.4 77.0
74 72.0 63.1 94.7

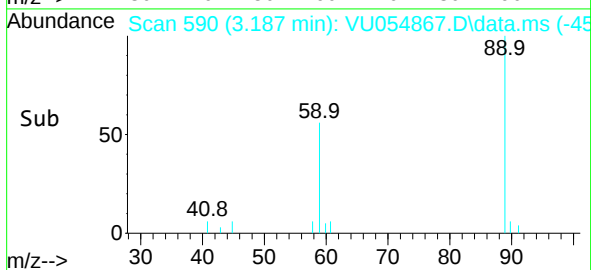
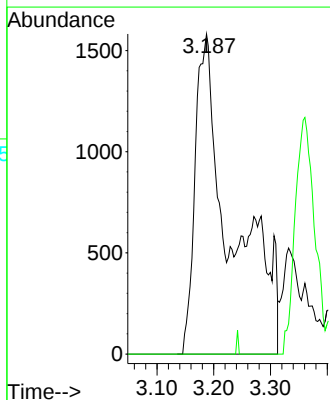
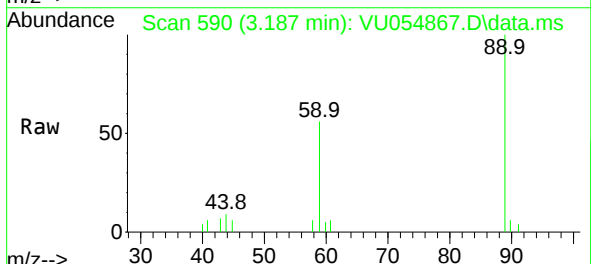
Manual Integrations
APPROVED

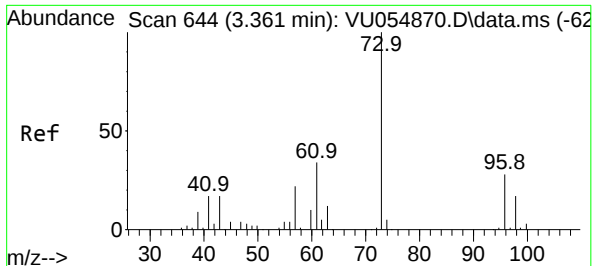
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#24
tert-Butyl Alcohol
Concen: 11.597 ug/l m
RT: 3.187 min Scan# 590
Delta R.T. -0.077 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

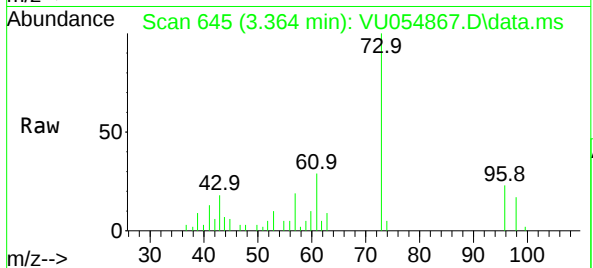
Tgt Ion: 59 Resp: 6986
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#





#25
Methyl tert-Butyl Ether
Concen: 0.989 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

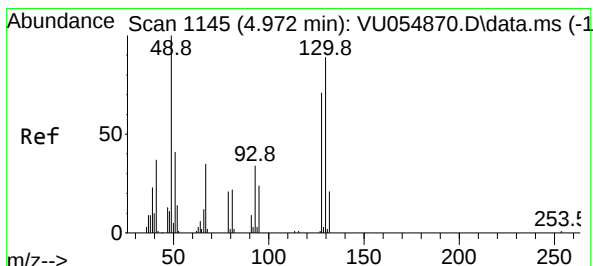
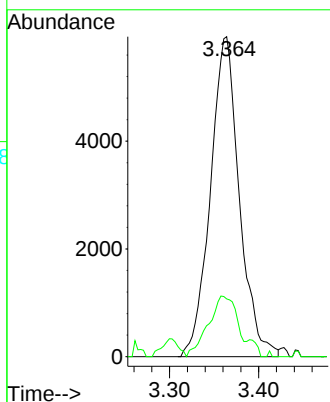
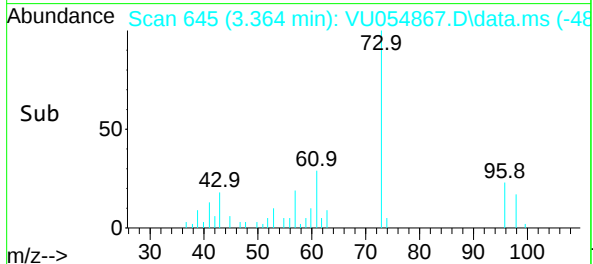
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 73 Resp: 1341
Ion Ratio Lower Upper
73 100
43 18.9 14.6 22.0

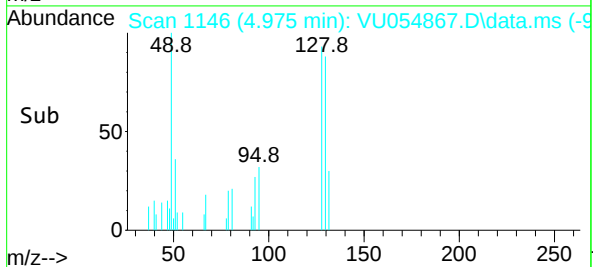
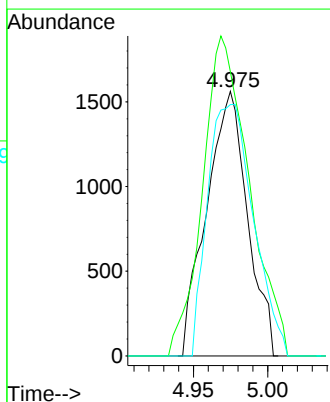
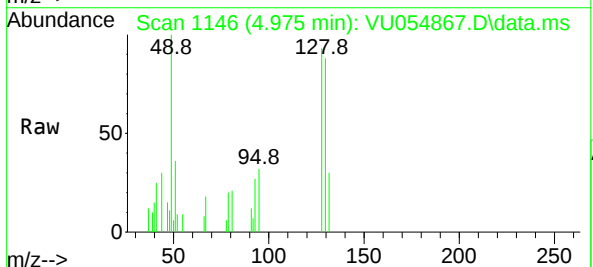
Manual Integrations
APPROVED

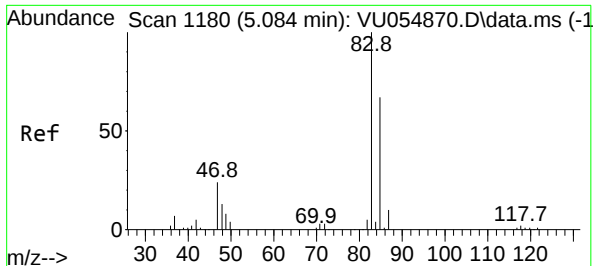
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#26
Bromochloromethane
Concen: 1.148 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Tgt Ion:128 Resp: 2986
Ion Ratio Lower Upper
128 100
49 137.6 0.0 304.0
130 106.6 104.3 156.5





#27

Chloroform

Concen: 0.975 ug/l

RT: 5.087 min Scan# 1180

Delta R.T. 0.003 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 83 Resp: 1117

Ion Ratio Lower Upper

83 100

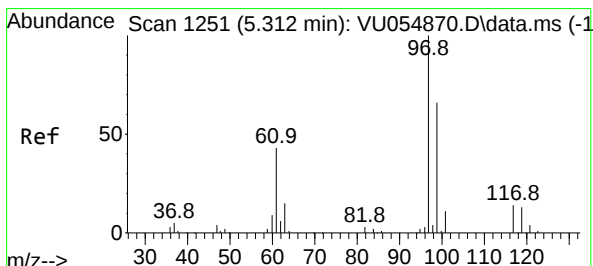
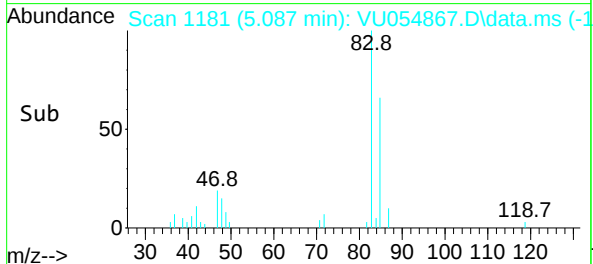
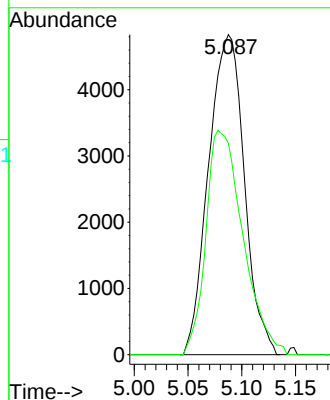
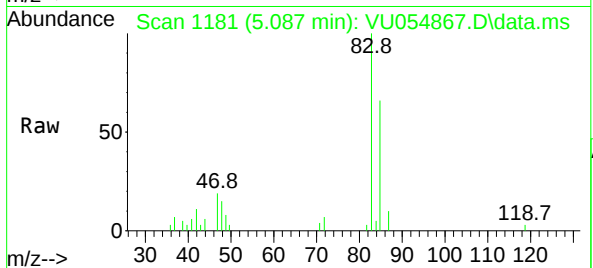
85 66.1 0.0 135.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#28

1,1,1-Trichloroethane

Concen: 1.015 ug/l

RT: 5.312 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

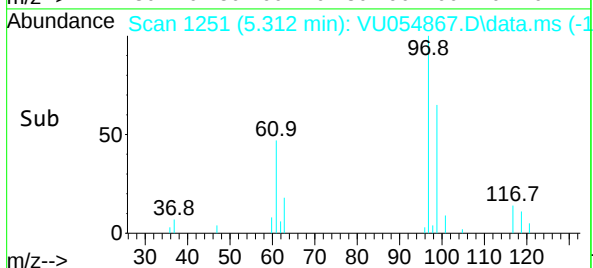
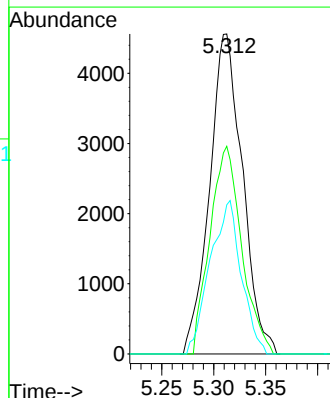
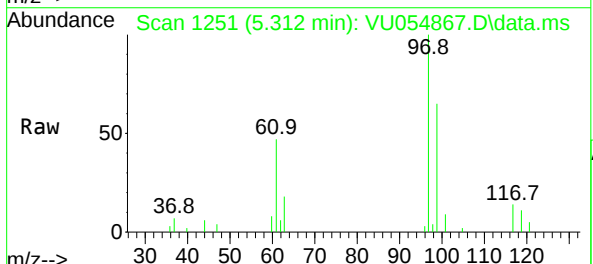
Tgt Ion: 97 Resp: 10047

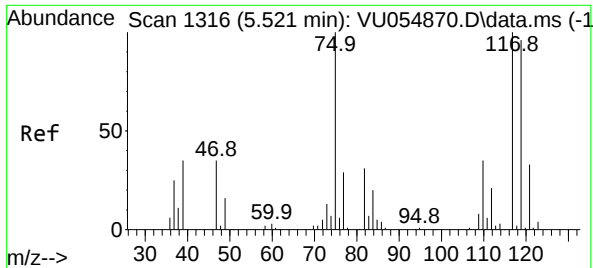
Ion Ratio Lower Upper

97 100

99 62.7 32.0 96.2

61 45.4 21.0 63.0





#29

1,1-Dichloropropene

Concen: 1.053 ug/l

RT: 5.525 min Scan# 1317

Delta R.T. 0.003 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 75 Resp: 7690

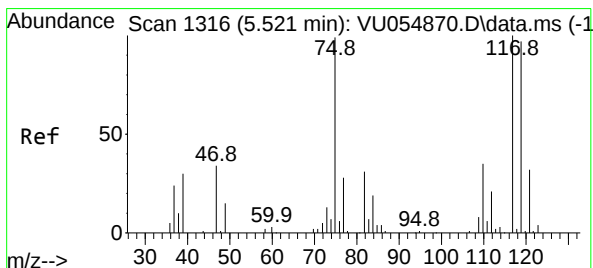
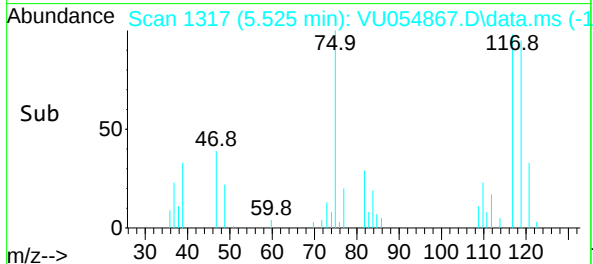
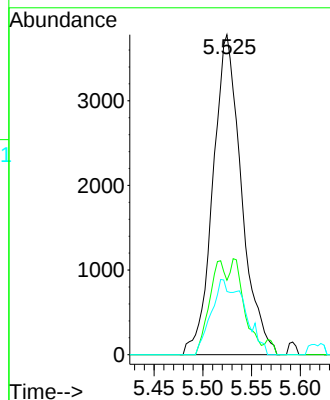
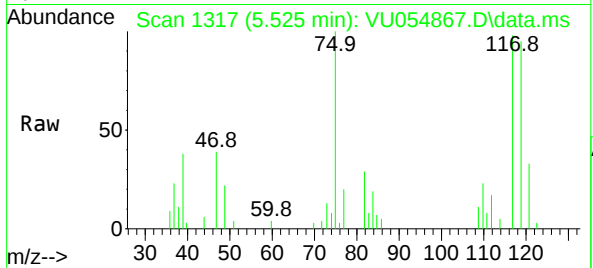
Ion	Ratio	Lower	Upper
75	100		
110	17.7	18.5	55.5
77	15.1	24.9	37.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#30

Carbon Tetrachloride

Concen: 0.997 ug/l

RT: 5.521 min Scan# 1316

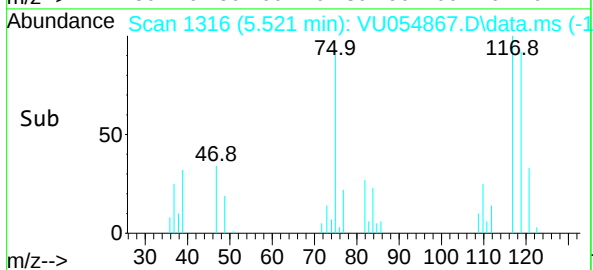
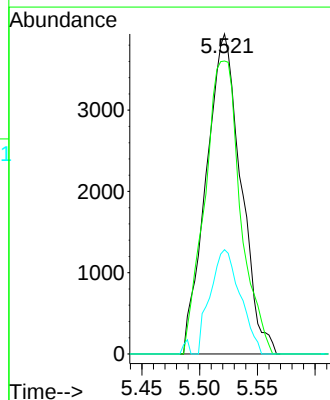
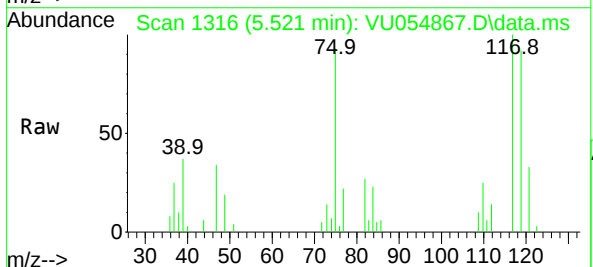
Delta R.T. 0.003 min

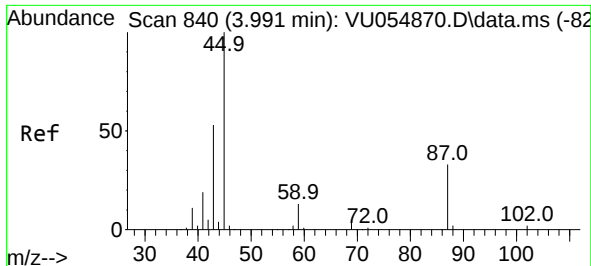
Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Tgt Ion:117 Resp: 8241

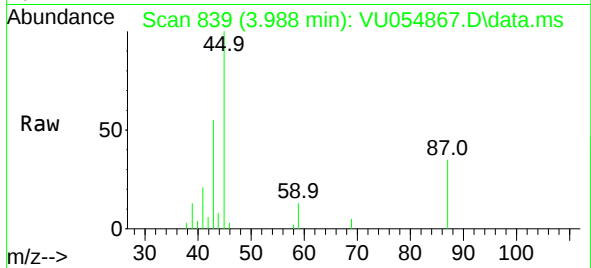
Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.6	113.4
121	32.6	23.4	35.0





#31
Isopropyl Ether
Concen: 0.954 ug/l
RT: 3.988 min Scan# 840
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

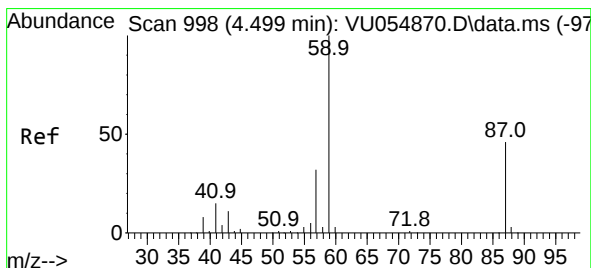
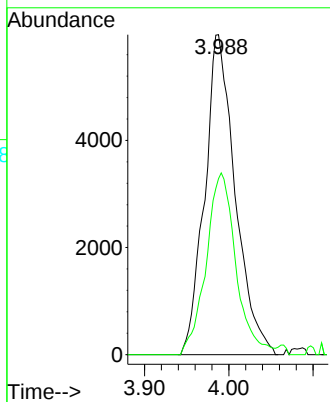
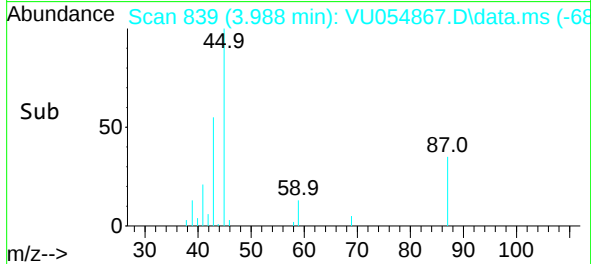
Instrument :
MSVOA_U
Client Sample Id :
VSTDIC001



Tgt Ion: 45 Resp: 1503
Ion Ratio Lower Upper
45 100
43 55.4 26.4 79.2

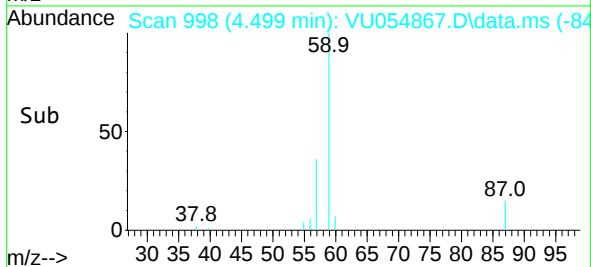
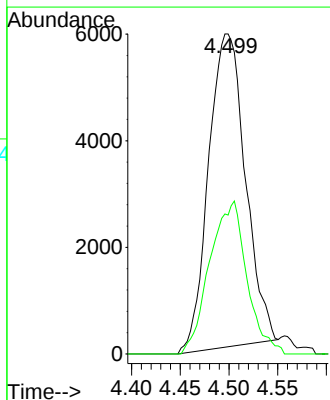
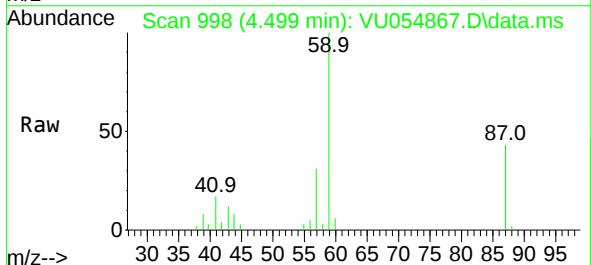
Manual Integrations
APPROVED

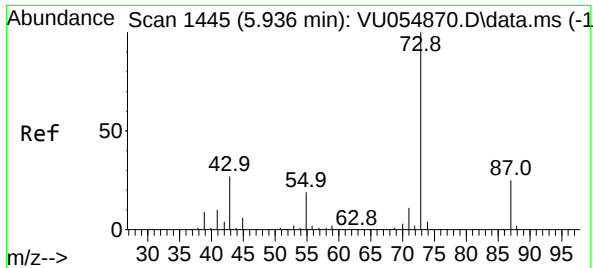
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#32
Ethyl-t-butyl ether
Concen: 0.952 ug/l
RT: 4.499 min Scan# 998
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Tgt Ion: 59 Resp: 15449
Ion Ratio Lower Upper
59 100
87 49.1 35.7 53.5





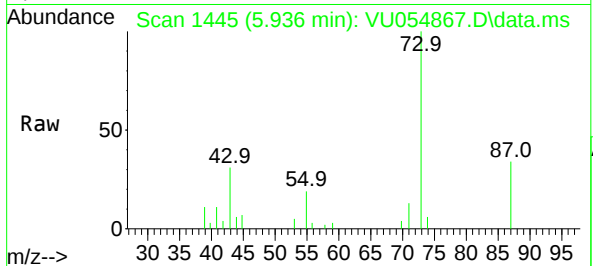
#33
Tert-Amyl methyl ether
Concen: 0.977 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

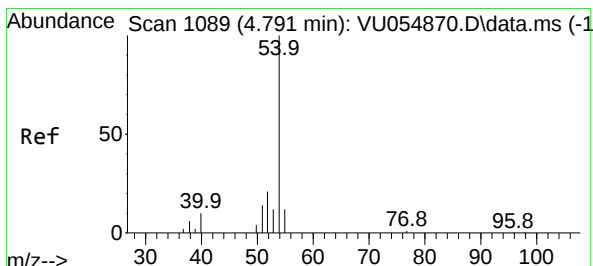
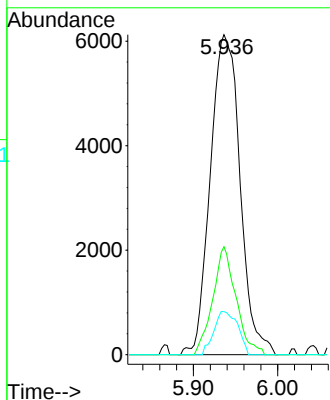
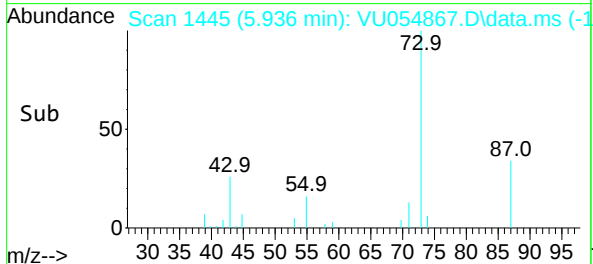


Tgt Ion: 73 Resp: 1499
Ion Ratio Lower Upper
73 100
87 26.4 19.6 29.4
71 10.8 9.1 13.7

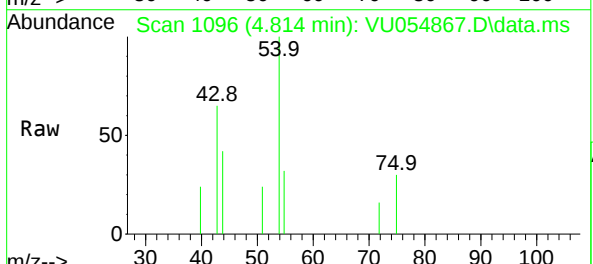
Manual Integrations

APPROVED

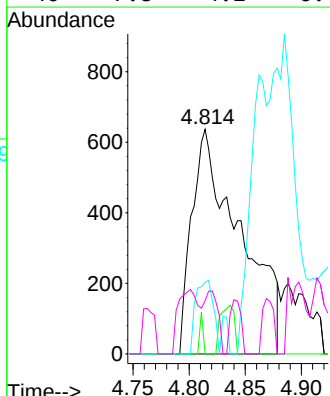
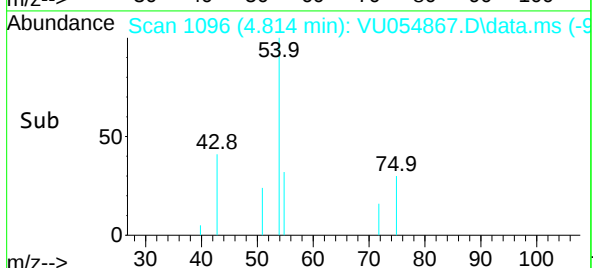
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

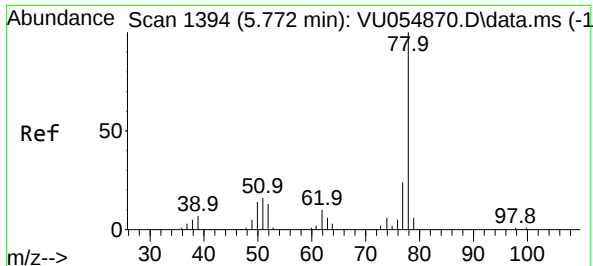


#34
Propionitrile
Concen: 4.568 ug/l m
RT: 4.814 min Scan# 1096
Delta R.T. 0.019 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



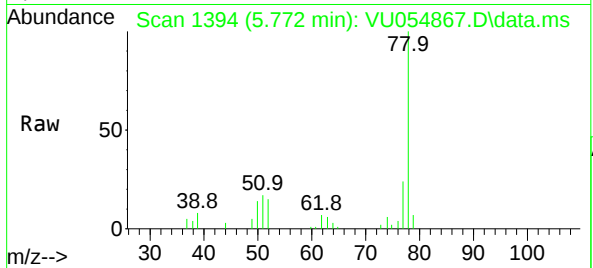
Tgt Ion: 54 Resp: 1898
Ion Ratio Lower Upper
54 100
52 1.2 13.8 20.8#
55 12.1 4.8 7.2#
40 7.8 4.2 6.4#





#35
Benzene
Concen: 0.961 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

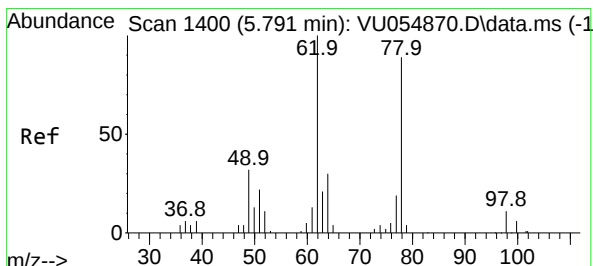
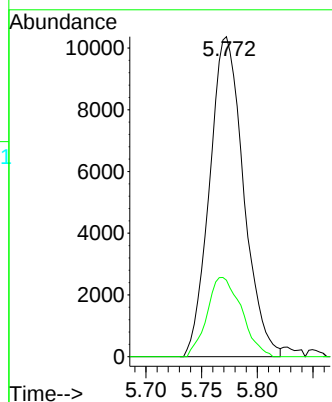
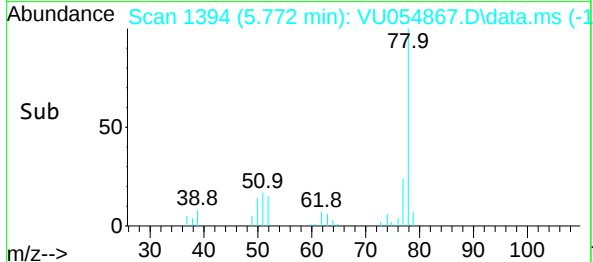
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



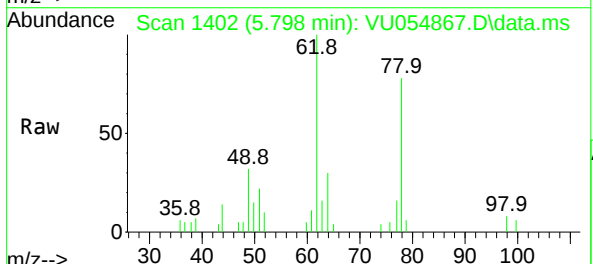
Tgt Ion: 78 Resp: 21989
Ion Ratio Lower Upper
78 100
77 22.3 19.4 29.2

Manual Integrations
APPROVED

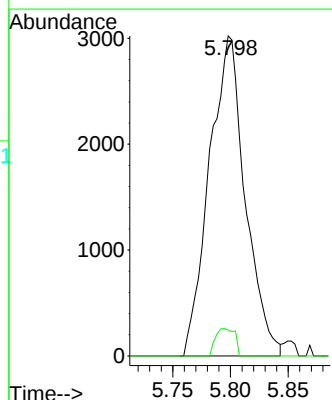
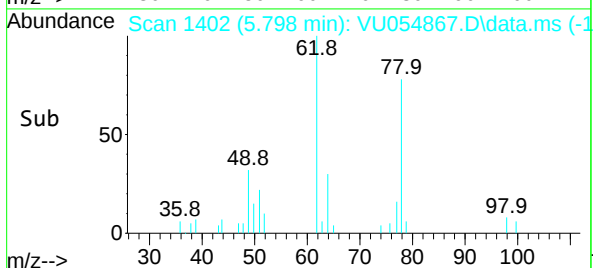
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

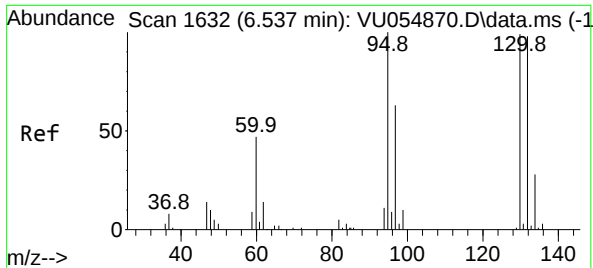


#36
1,2-Dichloroethane
Concen: 1.005 ug/l
RT: 5.798 min Scan# 1402
Delta R.T. 0.007 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



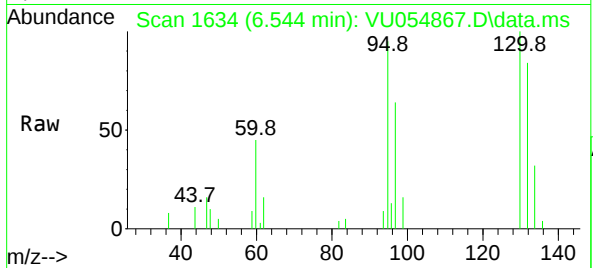
Tgt Ion: 62 Resp: 6537
Ion Ratio Lower Upper
62 100
98 4.6 7.8 11.8#





#37
Trichloroethene
Concen: 0.995 ug/l
RT: 6.544 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

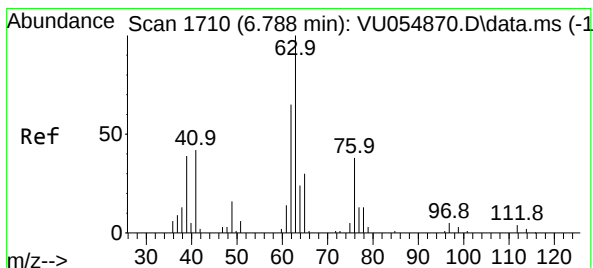
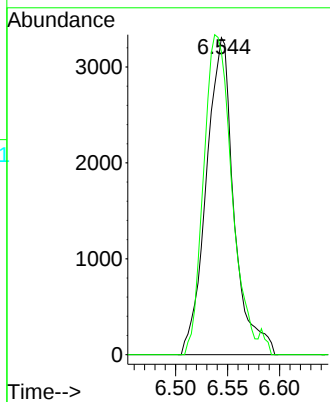
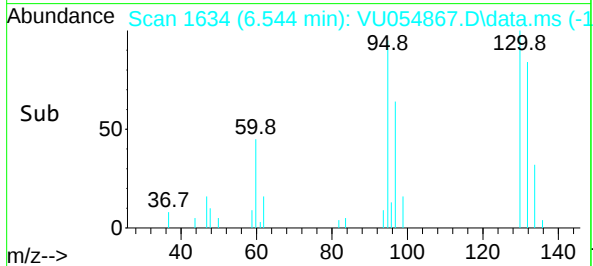
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



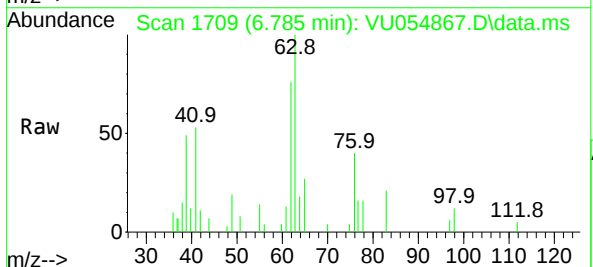
Tgt Ion:130 Resp: 612
Ion Ratio Lower Upper
130 100
95 95.5 76.8 115.2

Manual Integrations
APPROVED

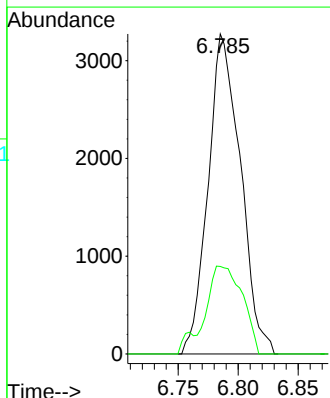
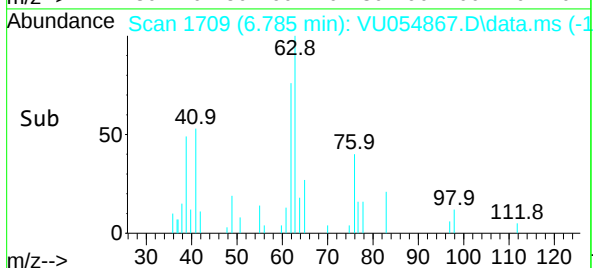
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

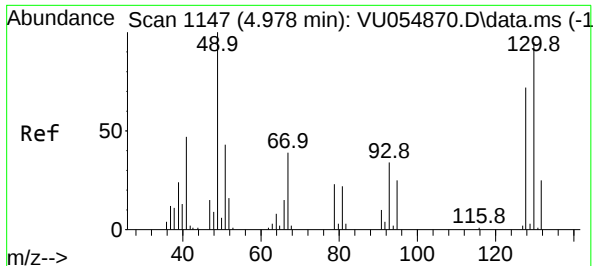


#38
1,2-Dichloropropane
Concen: 0.950 ug/l
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



Tgt Ion: 63 Resp: 6142
Ion Ratio Lower Upper
63 100
65 27.4 24.3 36.5





#39

Methacrylonitrile

Concen: 1.013 ug/l m

RT: 4.997 min Scan# 1153

Delta R.T. 0.019 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 1634

Ion Ratio Lower Upper

41 100

67 75.2 77.0 115.4

39 0.0 50.4 75.6

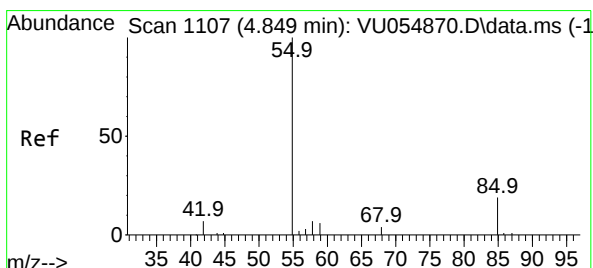
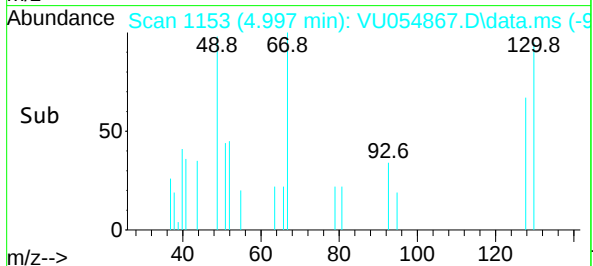
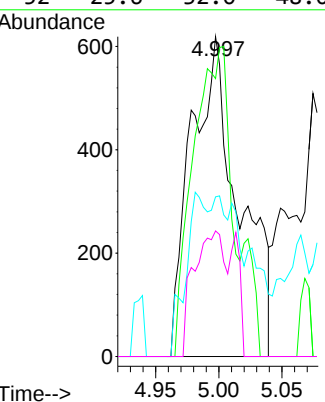
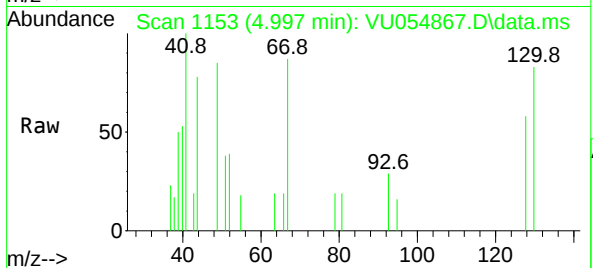
52 25.6 32.0 48.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#40

Methyl acrylate

Concen: 1.028 ug/l m

RT: 4.885 min Scan# 1118

Delta R.T. 0.039 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Tgt Ion: 55 Resp: 2633

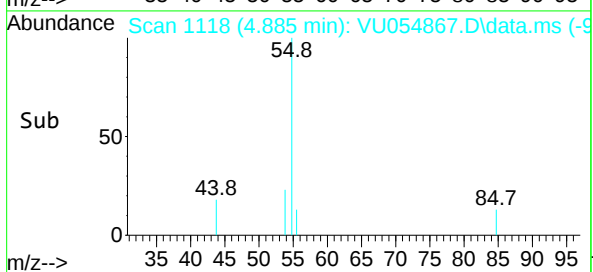
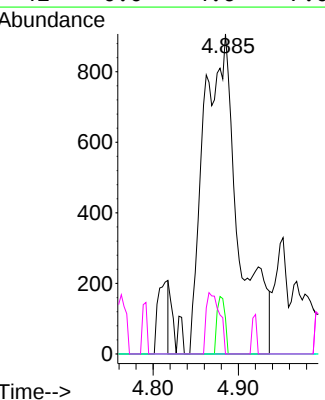
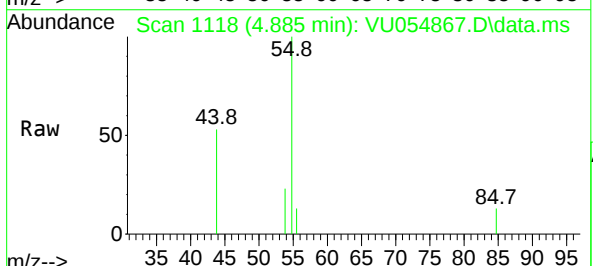
Ion Ratio Lower Upper

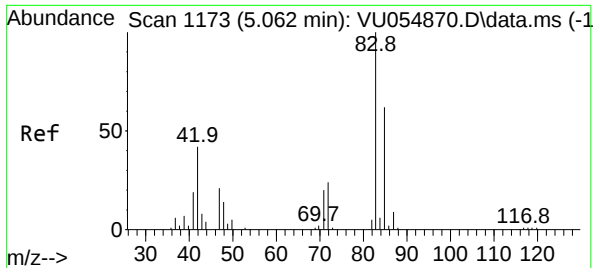
55 100

85 0.0 13.0 19.6

58 0.0 5.7 8.5

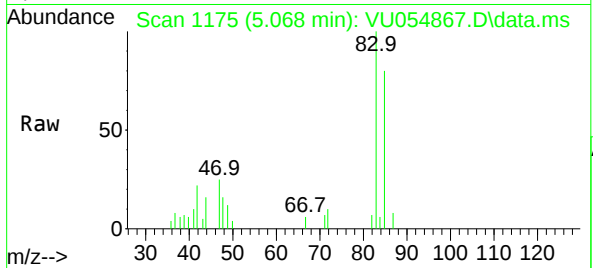
42 0.0 4.6 7.0





#41
Tetrahydrofuran
Concen: 2.491 ug/l m
RT: 5.068 min Scan# 1173
Delta R.T. 0.010 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

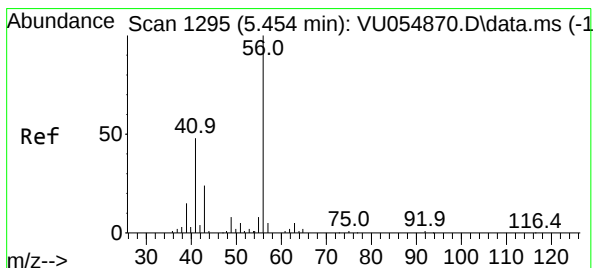
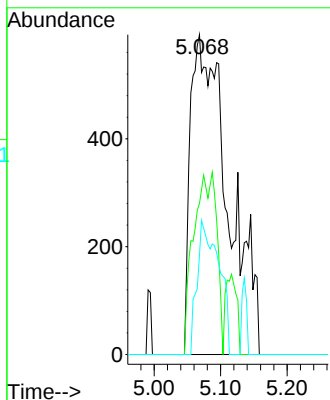
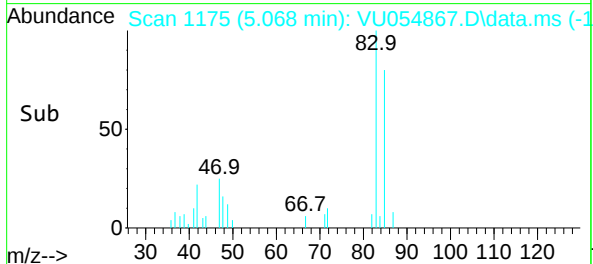
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



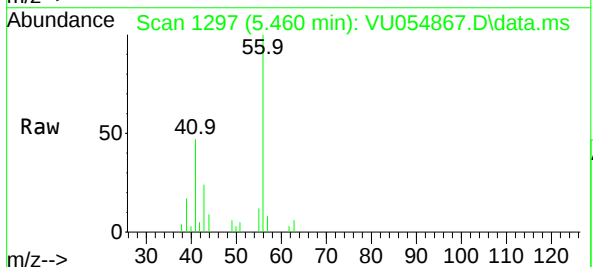
Tgt Ion: 42 Resp: 2312
Ion Ratio Lower Upper
42 100
72 22.8 42.1 63.1
71 13.5 39.7 59.5

Manual Integrations
APPROVED

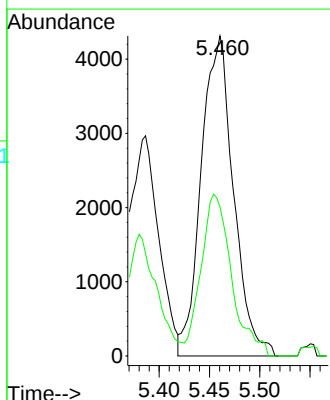
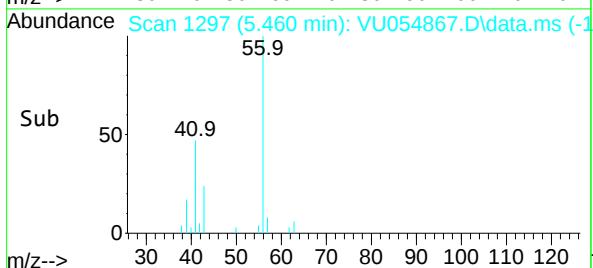
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

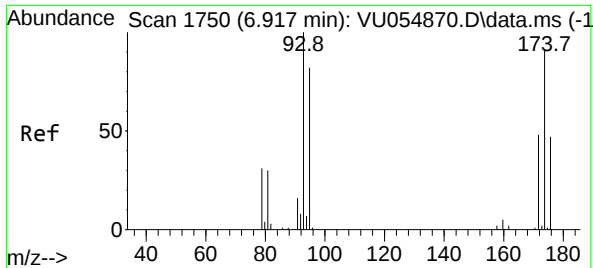


#42
1-Chlorobutane
Concen: 1.004 ug/l
RT: 5.460 min Scan# 1297
Delta R.T. 0.007 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



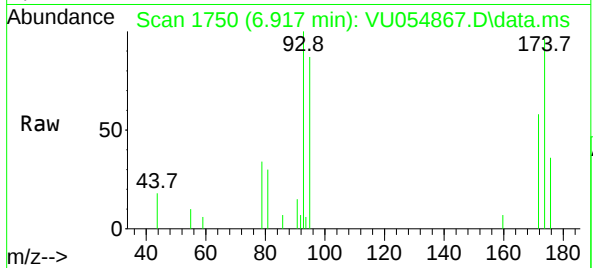
Tgt Ion: 56 Resp: 9600
Ion Ratio Lower Upper
56 100
41 47.9 23.9 71.7





#43
Dibromomethane
Concen: 0.959 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

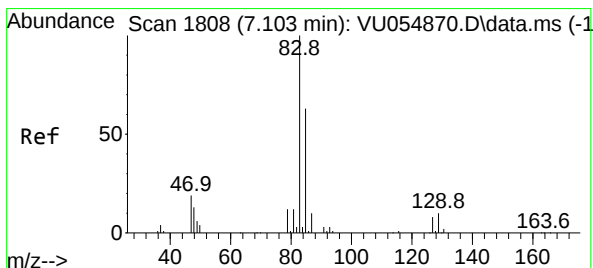
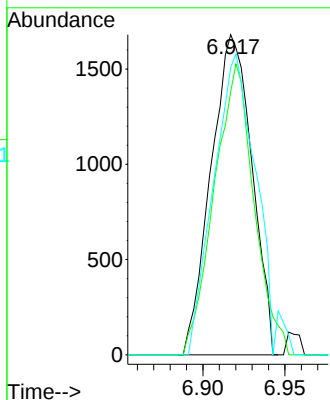
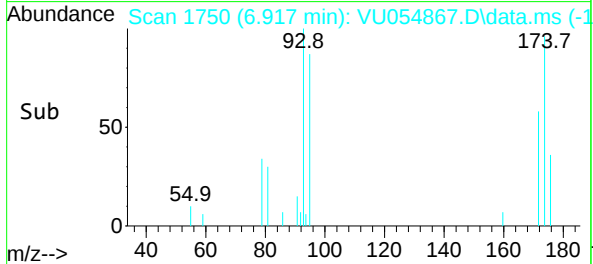
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



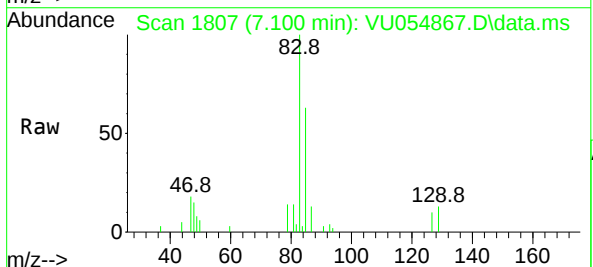
Tgt Ion: 93 Resp: 2912
Ion Ratio Lower Upper
93 100
95 88.1 64.7 97.1
174 98.3 74.4 111.6

Manual Integrations
APPROVED

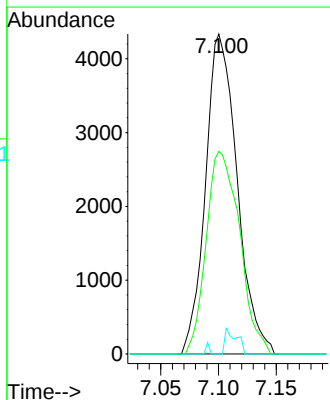
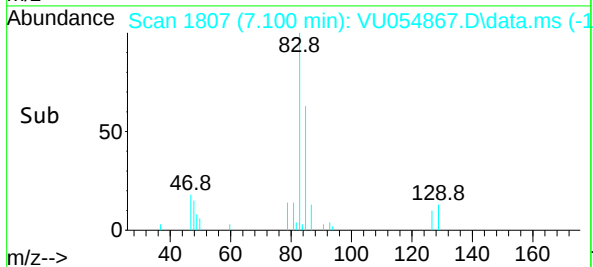
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

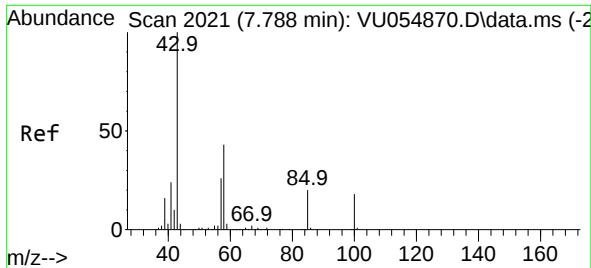


#44
Bromodichloromethane
Concen: 0.975 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



Tgt Ion: 83 Resp: 8247
Ion Ratio Lower Upper
83 100
85 61.8 52.2 78.2
127 0.0 6.1 9.1#





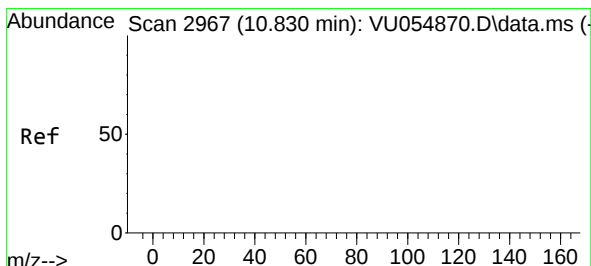
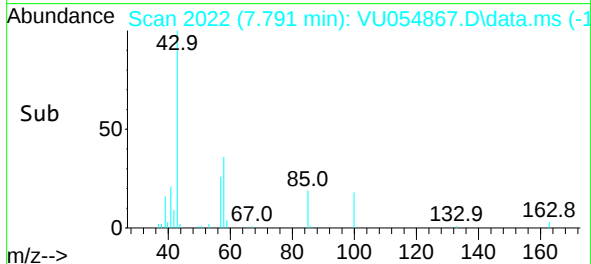
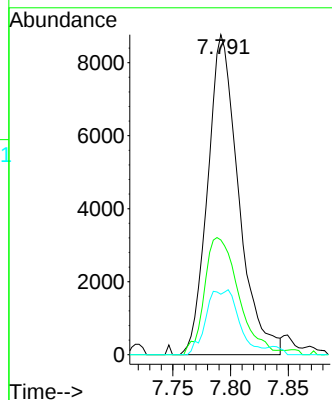
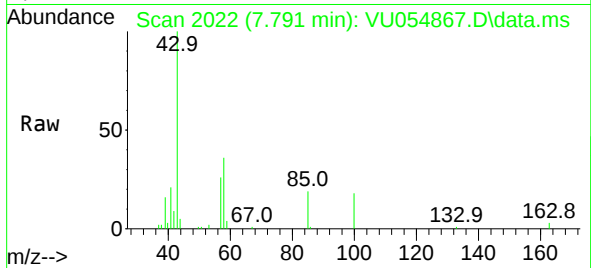
#45
4-Methyl-2-Pentanone
Concen: 4.605 ug/l
RT: 7.791 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 16318
Ion Ratio Lower Upper
43 100
58 40.3 21.3 63.7
85 10.6 15.3 22.9

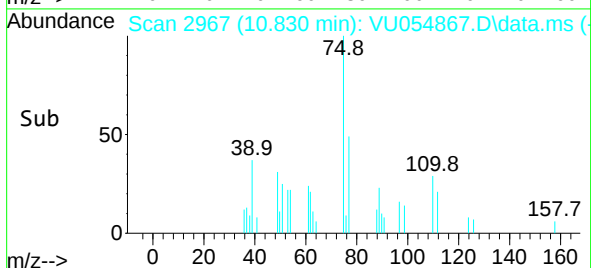
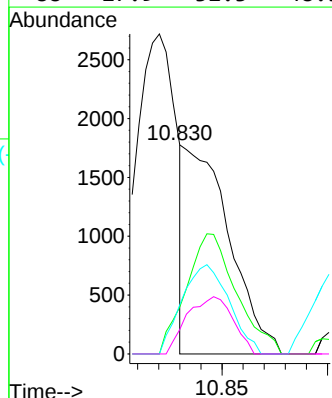
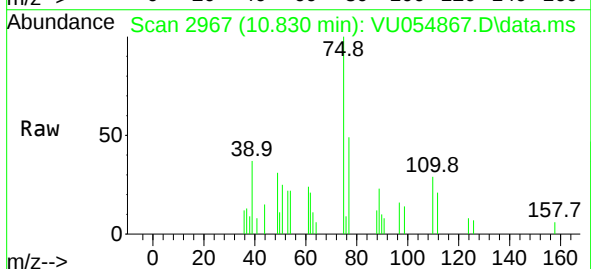
Manual Integrations
APPROVED

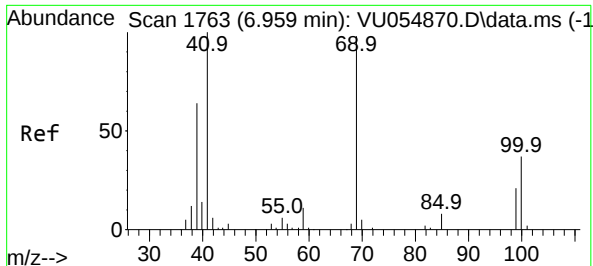
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#46
t-1,4-Dichloro-2-butene
Concen: 1.807 ug/l m
RT: 10.830 min Scan# 2967
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Tgt Ion: 75 Resp: 2615
Ion Ratio Lower Upper
75 100
53 64.3 62.9 94.3
89 45.1 47.8 71.8#
88 27.9 32.3 48.5#





#47

Methyl methacrylate

Concen: 1.986 ug/l

RT: 6.965 min Scan# 1765

Delta R.T. 0.010 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 69 Resp: 5514

Ion Ratio Lower Upper

69 100

41 97.6 0.0 193.0

39 63.3 50.4 75.6

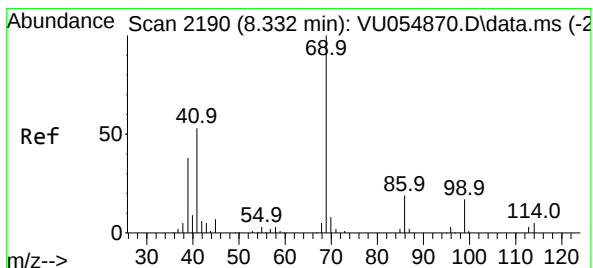
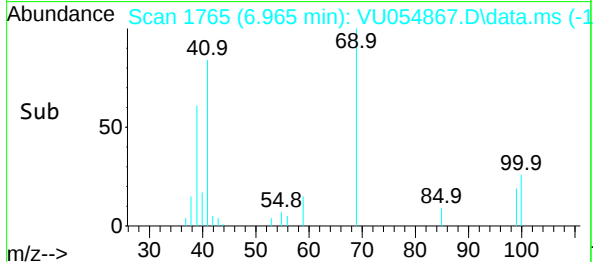
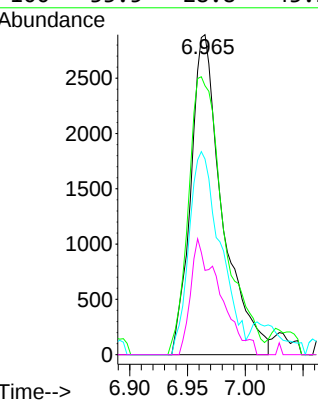
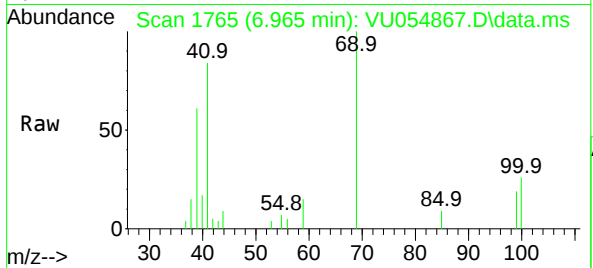
100 33.5 28.8 43.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#48

Ethyl methacrylate

Concen: 0.906 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU054867.D

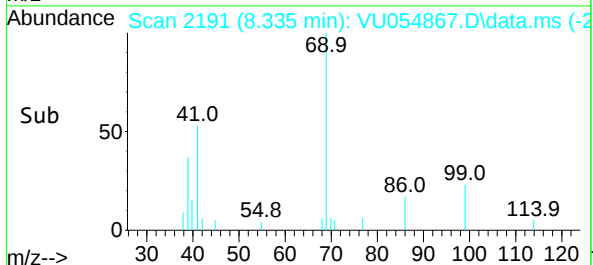
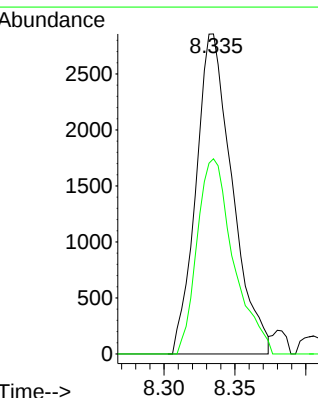
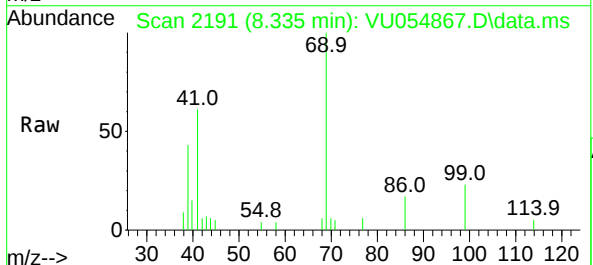
Acq: 25 Jul 2023 10:16

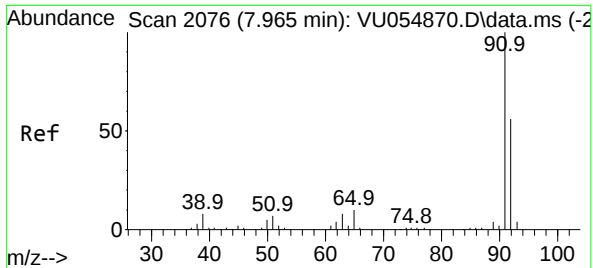
Tgt Ion: 69 Resp: 5089

Ion Ratio Lower Upper

69 100

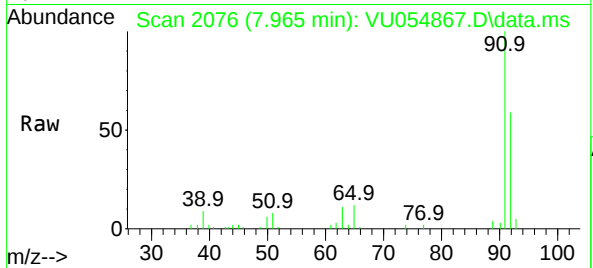
41 61.1 28.8 86.5





#49
Toluene
Concen: 1.013 ug/l
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

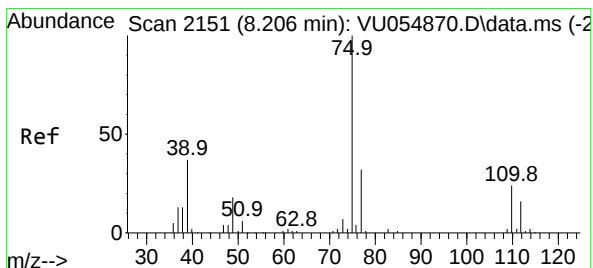
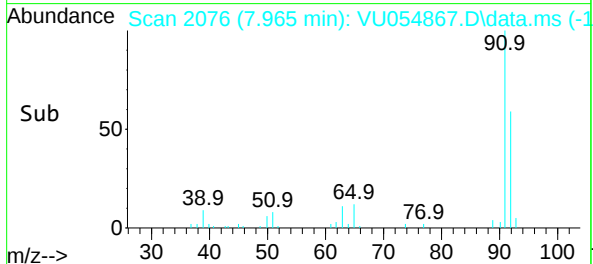
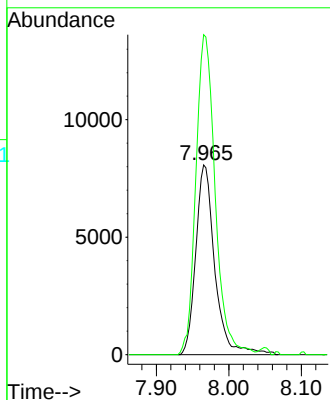
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 92 Resp: 14760
Ion Ratio Lower Upper
92 100
91 171.0 142.9 214.3

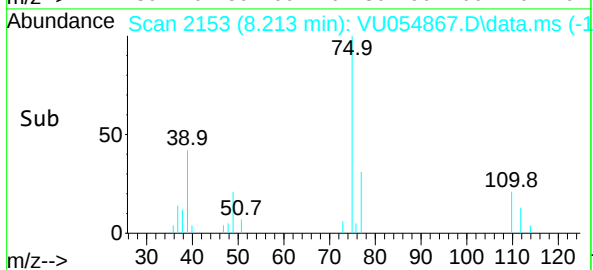
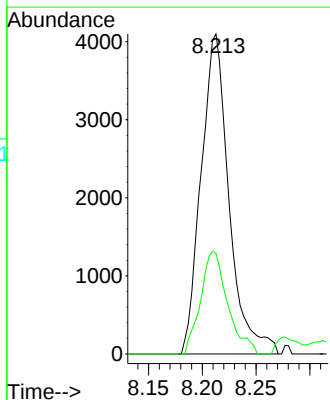
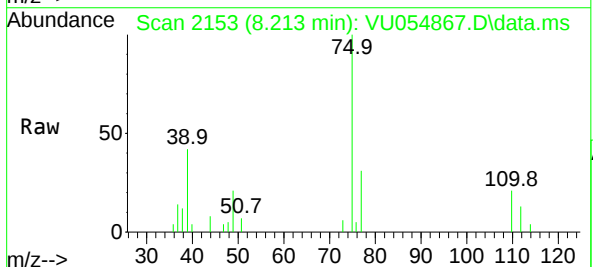
Manual Integrations
APPROVED

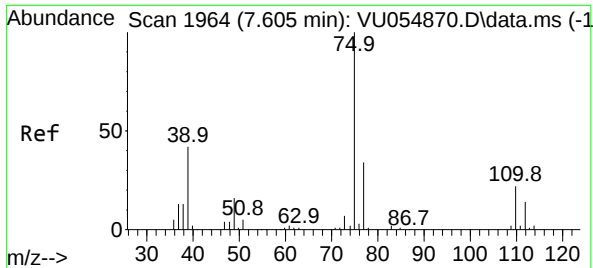
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#50
t-1,3-Dichloropropene
Concen: 0.987 ug/l
RT: 8.213 min Scan# 2153
Delta R.T. 0.007 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

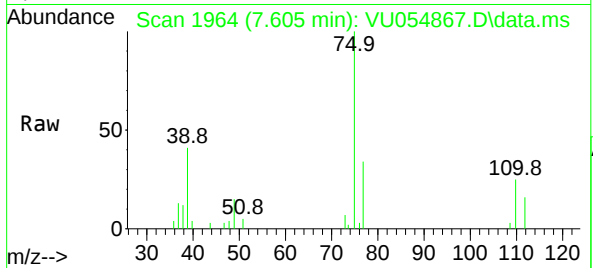
Tgt Ion: 75 Resp: 7412
Ion Ratio Lower Upper
75 100
77 31.4 24.9 37.3





#51
 cis-1,3-Dichloropropene
 Concen: 0.972 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VU054867.D
 Acq: 25 Jul 2023 10:16

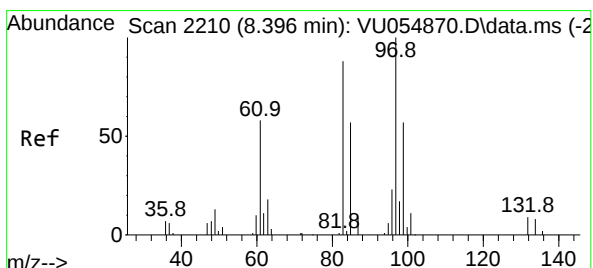
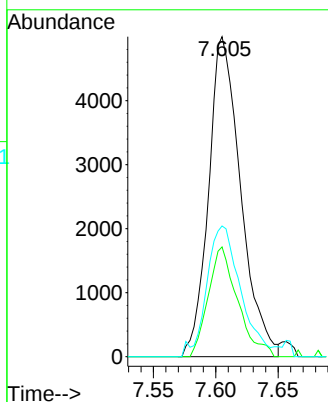
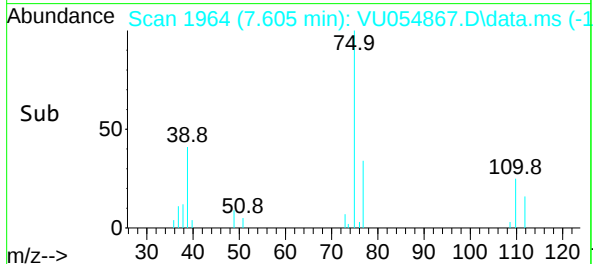
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 8972
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.8 38.8
 39 40.8 31.7 47.5

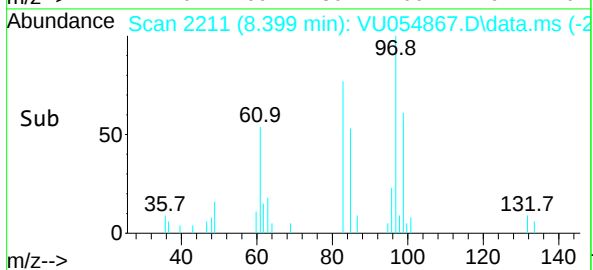
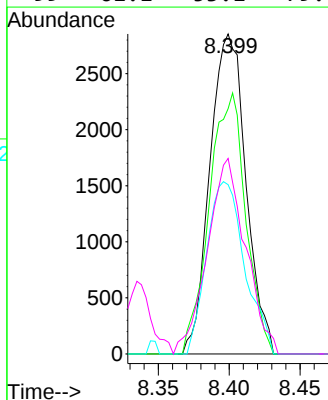
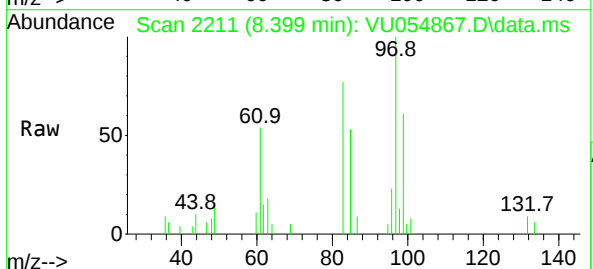
Manual Integrations
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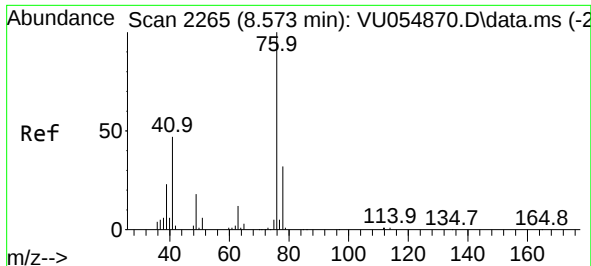
Reviewed By :Mahesh Dadoda 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023



#52
 1,1,2-Trichloroethane
 Concen: 1.050 ug/l
 RT: 8.399 min Scan# 2211
 Delta R.T. 0.003 min
 Lab File: VU054867.D
 Acq: 25 Jul 2023 10:16

Tgt Ion: 97 Resp: 5054
 Ion Ratio Lower Upper
 97 100
 83 76.6 77.4 116.2#
 85 52.9 47.8 71.8
 99 61.1 53.1 79.7





#53

1,3-Dichloropropane

Concen: 1.032 ug/l

RT: 8.573 min Scan# 2100

Delta R.T. 0.003 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 8040

Ion Ratio Lower Upper

76 100

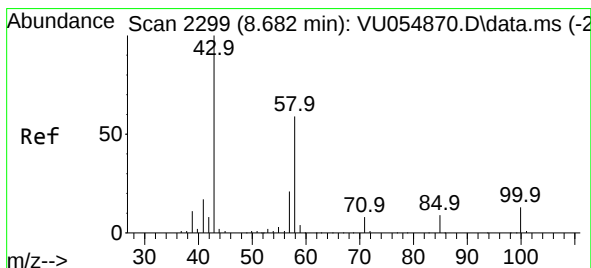
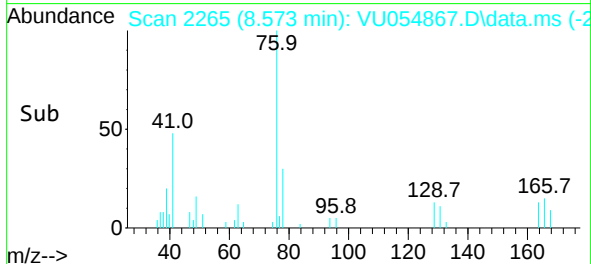
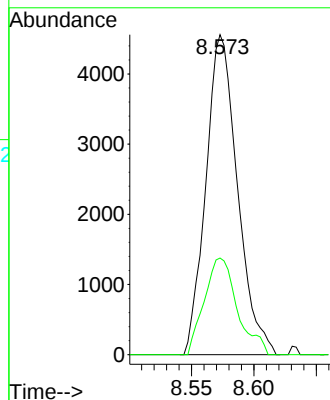
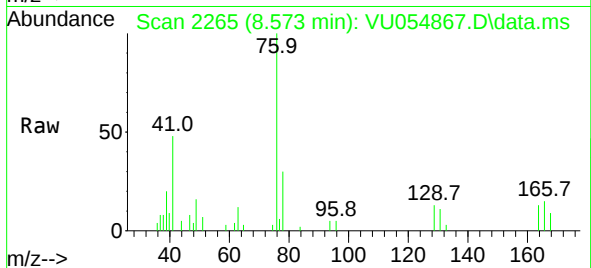
78 31.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#54

2-Hexanone

Concen: 4.741 ug/l

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

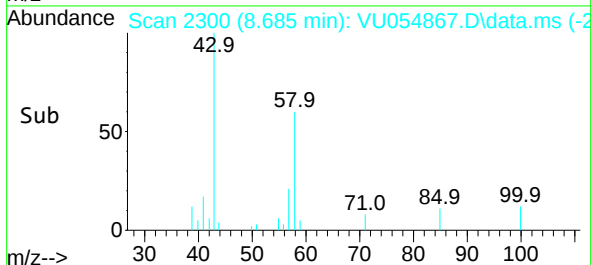
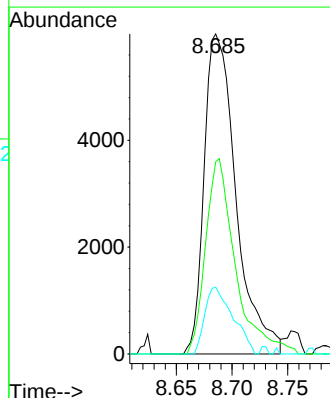
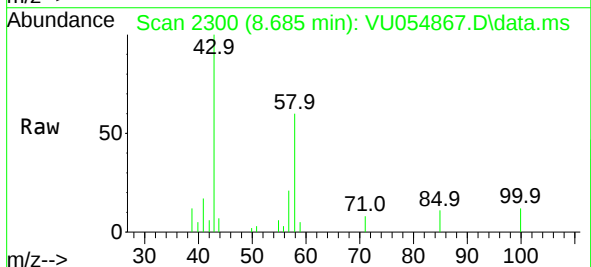
Tgt Ion: 43 Resp: 11937

Ion Ratio Lower Upper

43 100

58 57.1 38.9 78.9

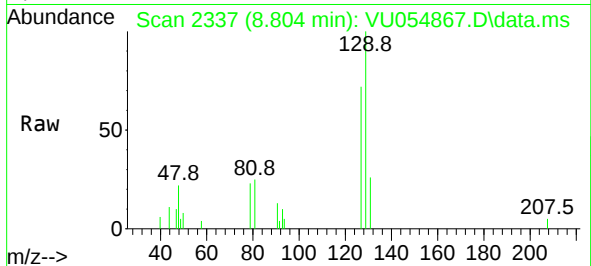
57 18.3 0.0 38.7





#55
Dibromochloromethane
Concen: 0.957 ug/l
RT: 8.804 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

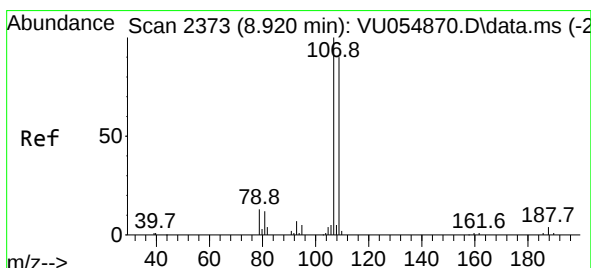
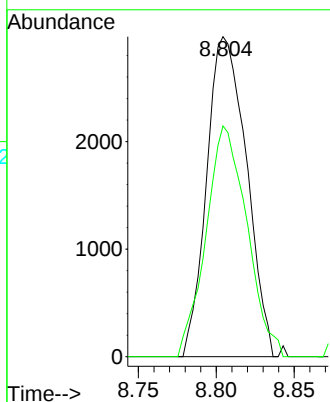
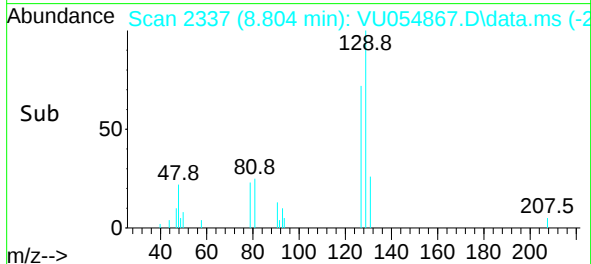
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:129 Resp: 5279
Ion Ratio Lower Upper
129 100
127 74.2 61.4 92.0

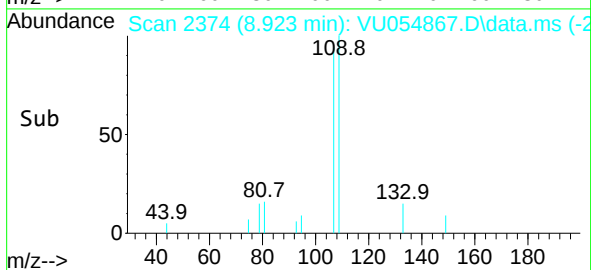
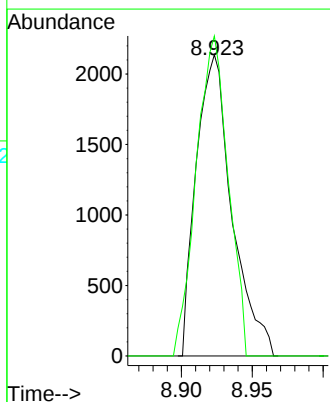
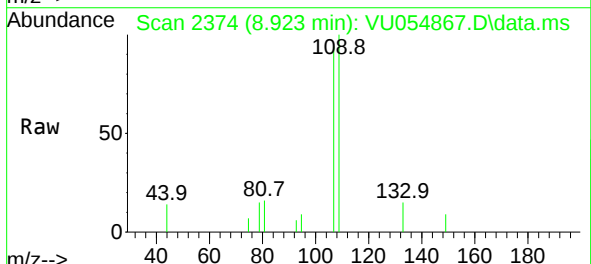
Manual Integrations
APPROVED

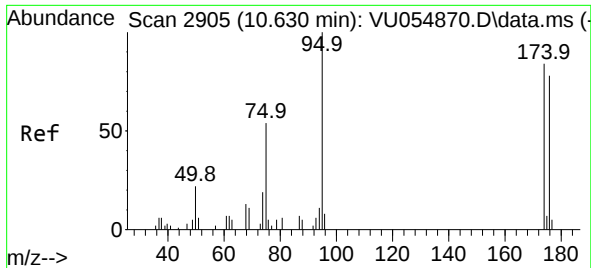
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#56
1,2-Dibromoethane
Concen: 0.919 ug/l
RT: 8.923 min Scan# 2374
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

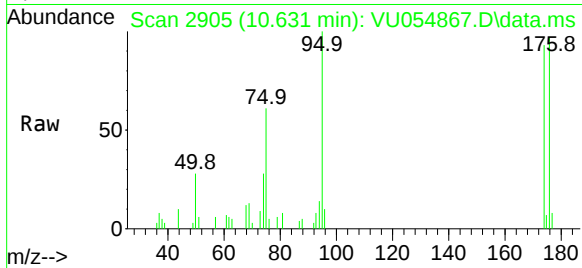
Tgt Ion:107 Resp: 3751
Ion Ratio Lower Upper
107 100
109 94.9 0.0 185.4





#57
4-Bromofluorobenzene
Concen: 1.019 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

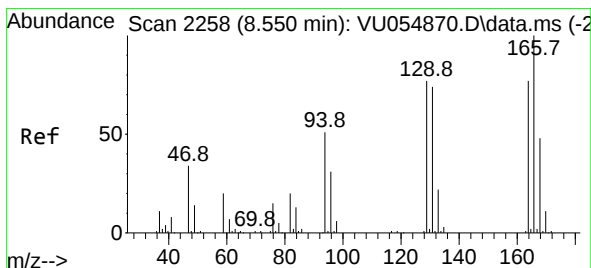
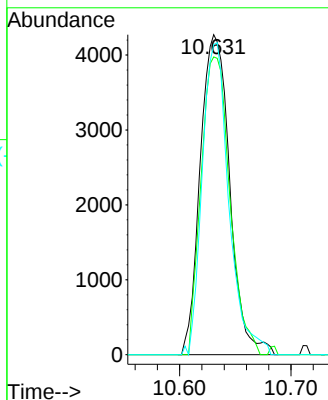
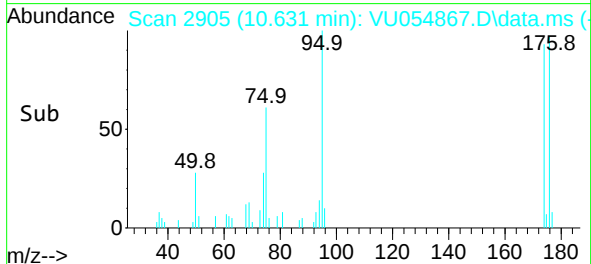
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



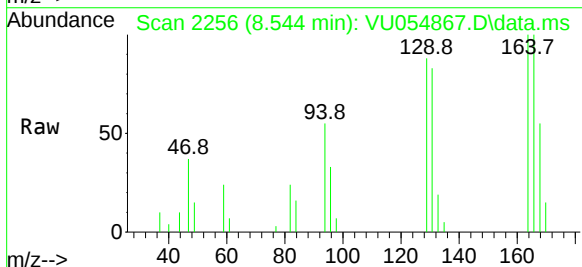
Tgt Ion: 95 Resp: 7849
Ion Ratio Lower Upper
95 100
174 90.6 79.3 118.9
176 88.0 71.5 107.3

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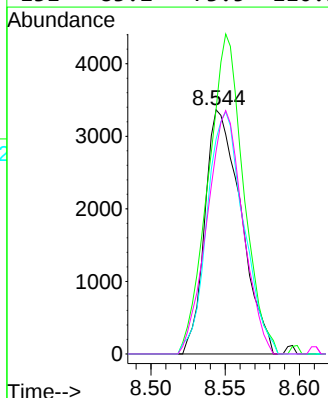
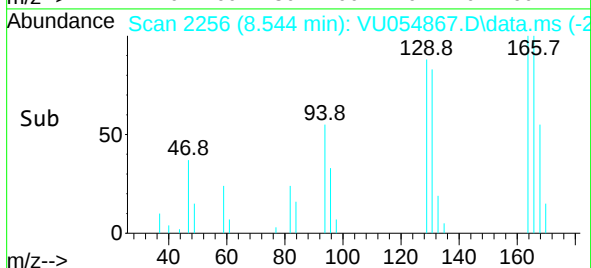
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#58
Tetrachloroethene
Concen: 1.058 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.006 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



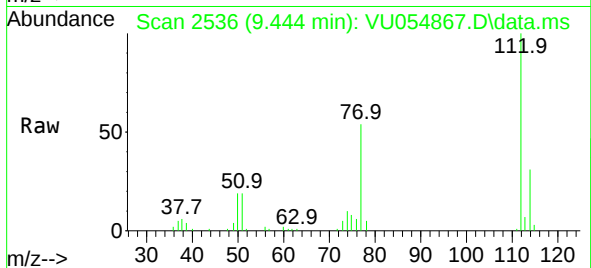
Tgt Ion:164 Resp: 5680
Ion Ratio Lower Upper
164 100
166 100.3 100.4 150.6#
129 88.0 71.9 107.9
131 83.2 73.5 110.3





#59
Chlorobenzene
Concen: 1.013 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

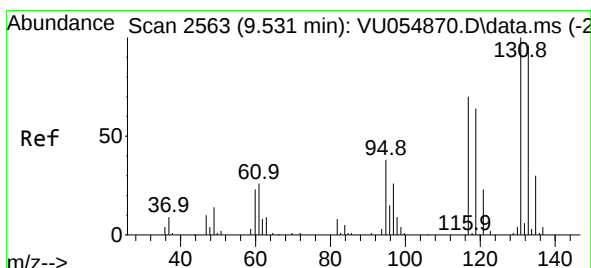
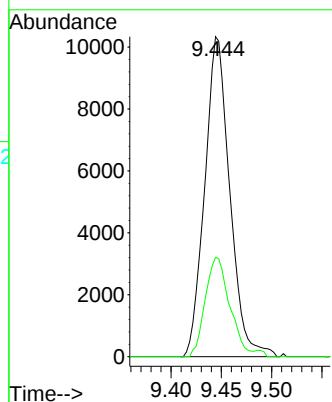
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion:112 Resp: 17919
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.6

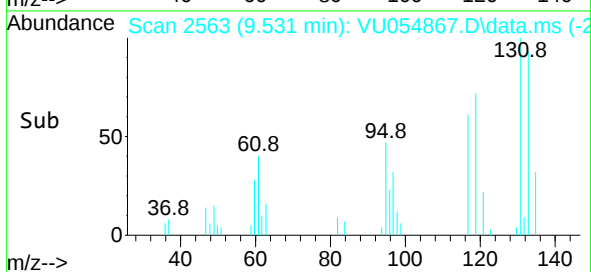
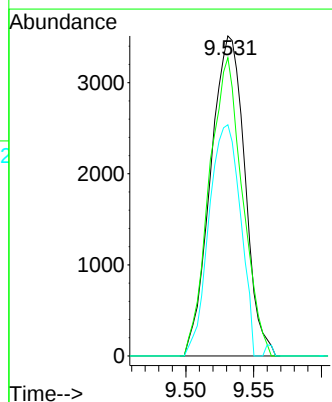
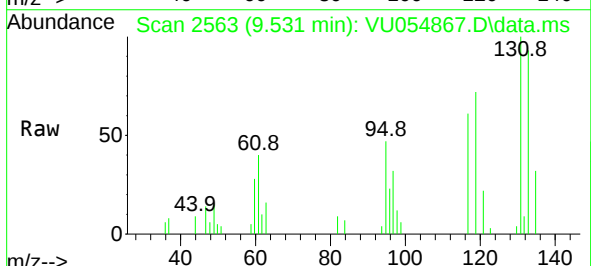
Manual Integrations
APPROVED

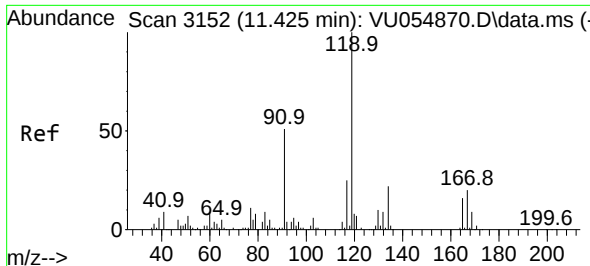
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.987 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

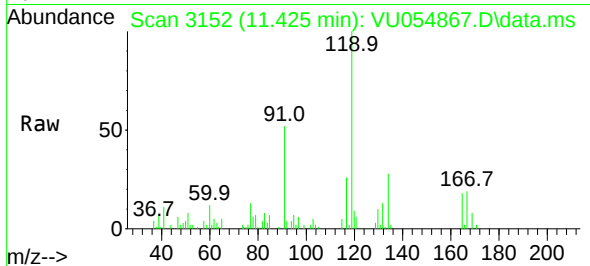
Tgt Ion:131 Resp: 6164
Ion Ratio Lower Upper
131 100
133 90.4 74.2 111.4
119 66.4 51.0 76.4





#61
 Pentachloroethane
 Concen: 0.873 ug/l
 RT: 11.425 min Scan# 3152
 Delta R.T. 0.003 min
 Lab File: VU054867.D
 Acq: 25 Jul 2023 10:16

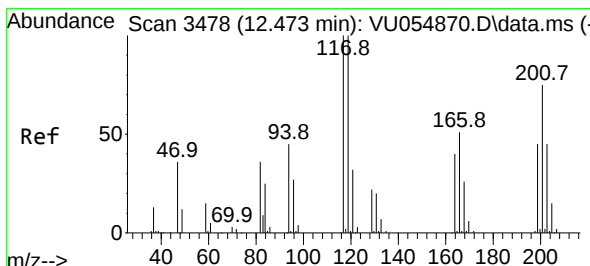
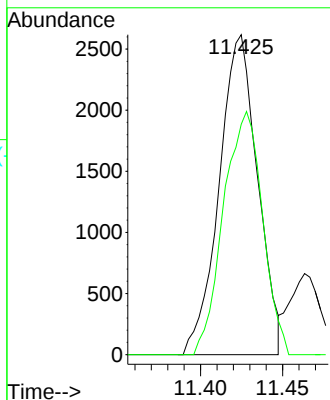
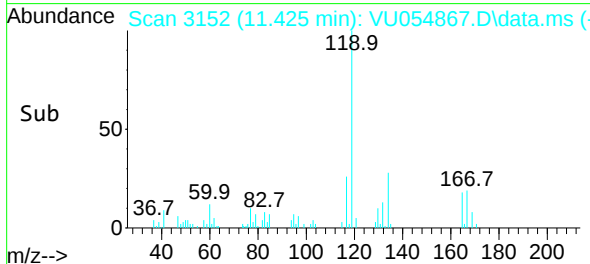
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



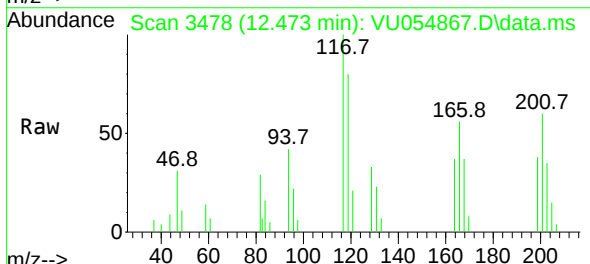
Tgt Ion:117 Resp: 4259
 Ion Ratio Lower Upper
 117 100
 167 77.2 65.3 97.9

Manual Integrations
 APPROVED

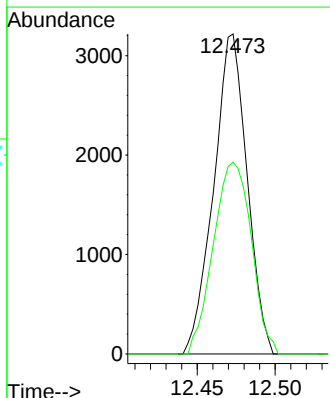
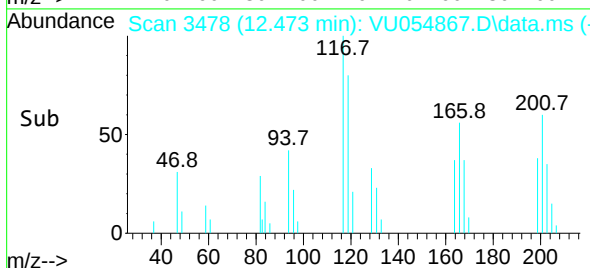
Reviewed By :Mahesh Dadoda 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

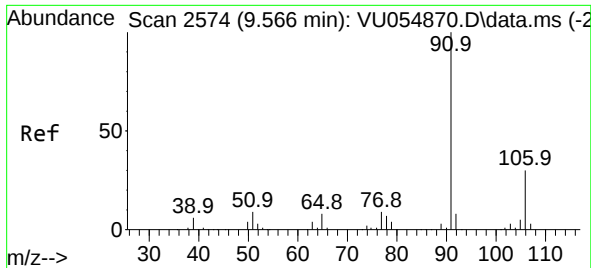


#62
 Hexachloroethane
 Concen: 0.954 ug/l
 RT: 12.473 min Scan# 3478
 Delta R.T. 0.003 min
 Lab File: VU054867.D
 Acq: 25 Jul 2023 10:16



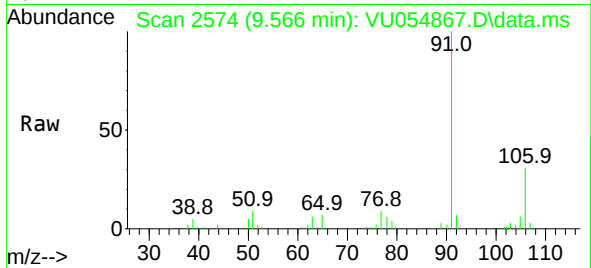
Tgt Ion:117 Resp: 4787
 Ion Ratio Lower Upper
 117 100
 201 68.2 56.1 84.1





#63
Ethyl Benzene
Concen: 0.958 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

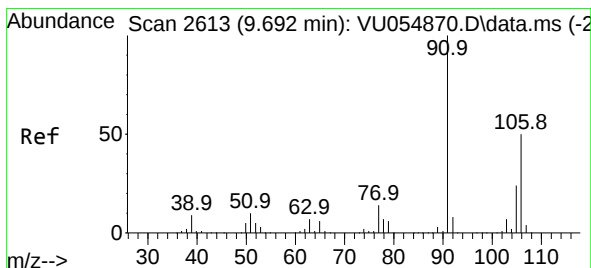
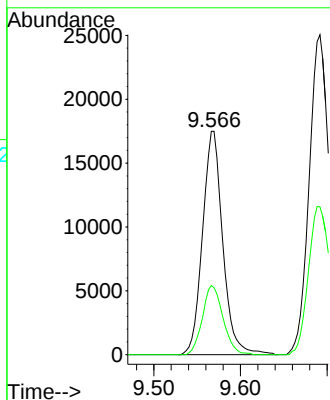
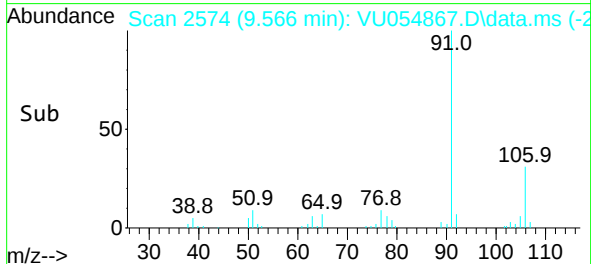
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



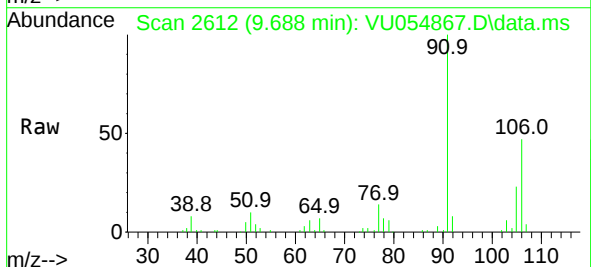
Tgt Ion: 91 Resp: 28424
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.2

Manual Integrations
APPROVED

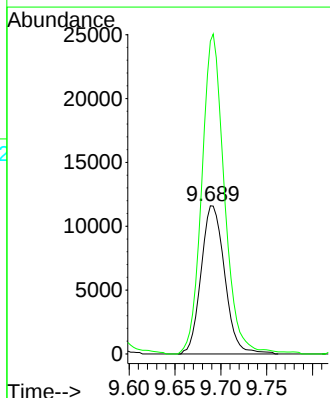
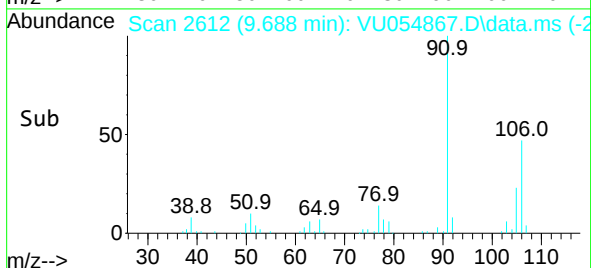
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

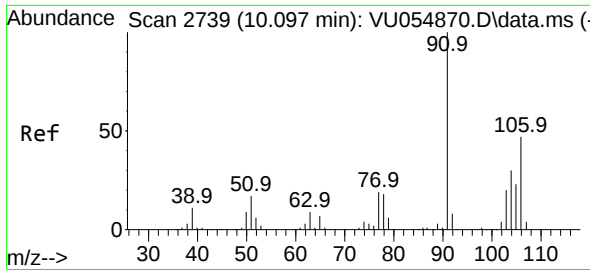


#64
m/p-Xylenes
Concen: 1.872 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



Tgt Ion:106 Resp: 20779
Ion Ratio Lower Upper
106 100
91 206.8 158.8 238.2





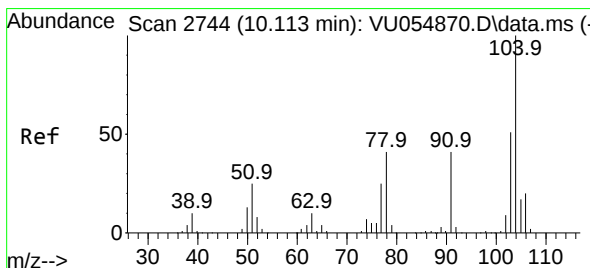
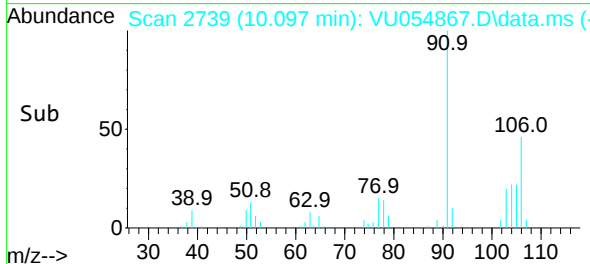
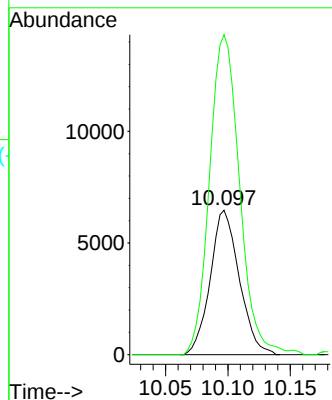
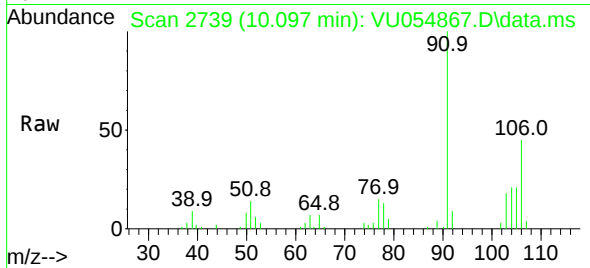
#65
o-Xylene
Concen: 0.921 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 10500
Ion Ratio Lower Upper
106 100
91 229.0 108.9 326.8

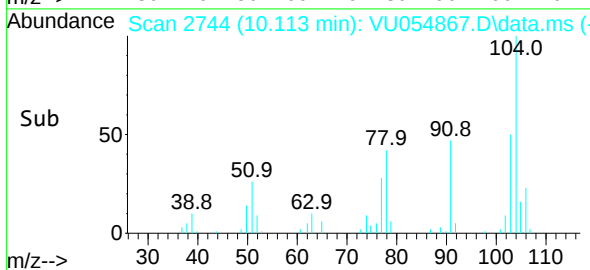
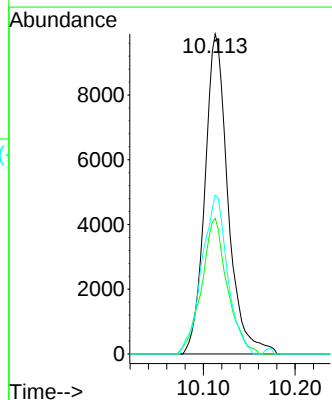
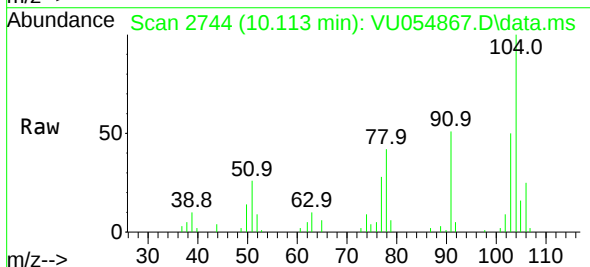
Manual Integrations
APPROVED

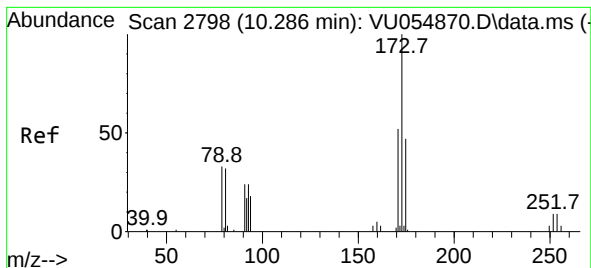
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023



#66
Styrene
Concen: 0.950 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

Tgt Ion:104 Resp: 17323
Ion Ratio Lower Upper
104 100
78 47.1 37.5 56.3
103 54.7 45.2 67.8





#67

Bromoform

Concen: 1.045 ug/l

RT: 10.290 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

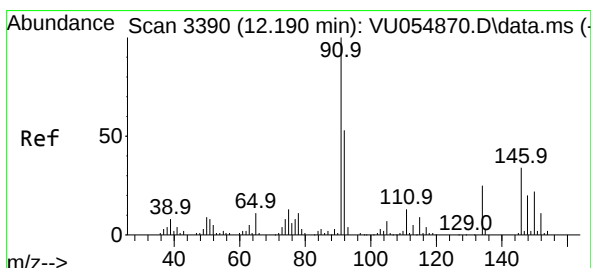
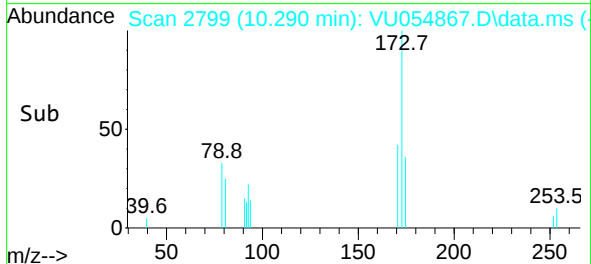
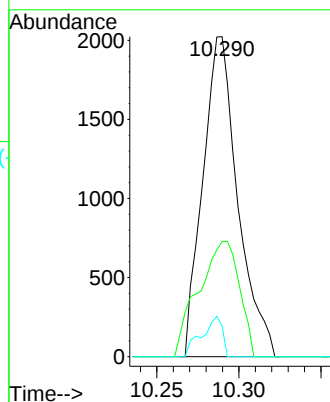
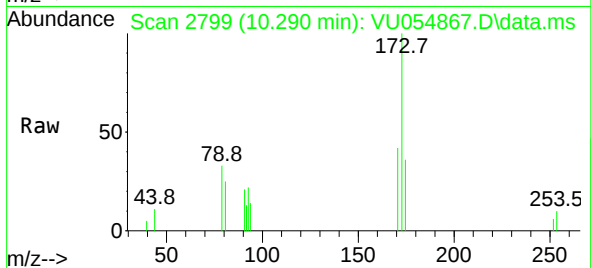
VSTDICC001

Tgt Ion:	173	Resp:	2989
Ion Ratio	Lower	Upper	
173	100		
175	42.1	39.0	58.6
254	7.5	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: 1.047 ug/l

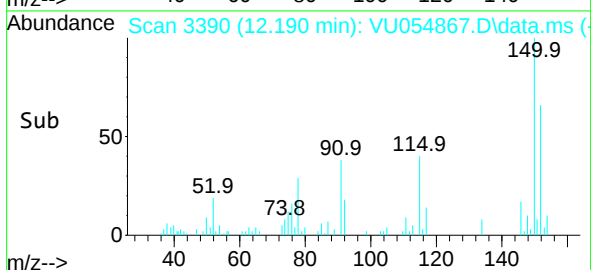
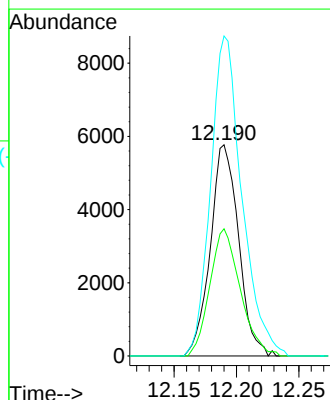
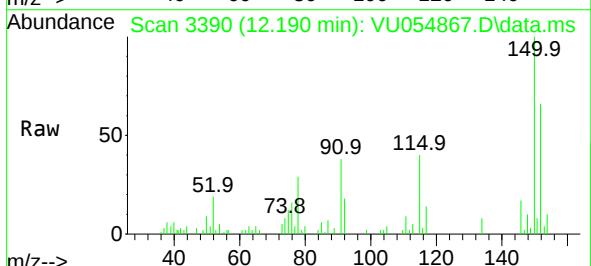
RT: 12.190 min Scan# 3390

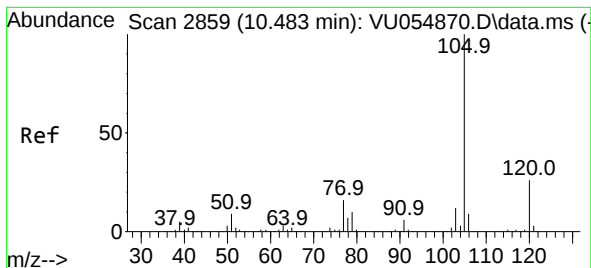
Delta R.T. 0.000 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Tgt Ion:	152	Resp:	9109
Ion Ratio	Lower	Upper	
152	100		
115	64.8	0.0	234.8
150	167.6	0.0	598.2





#69

Isopropylbenzene

Concen: 0.989 ug/l

RT: 10.483 min Scan# 2859

Delta R.T. 0.003 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 3028

Ion Ratio Lower Upper

105 100

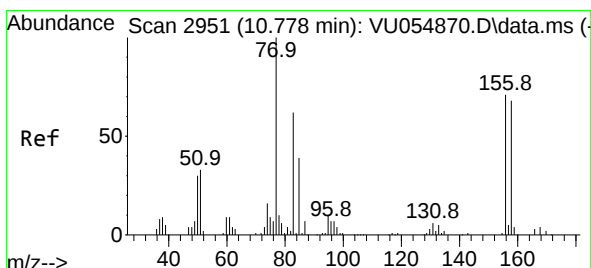
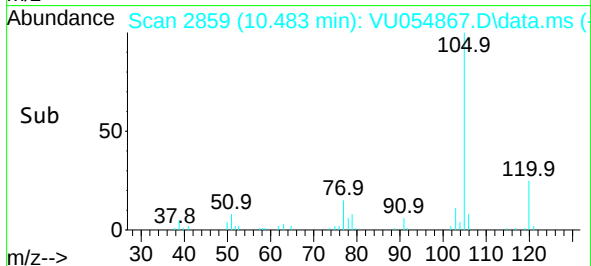
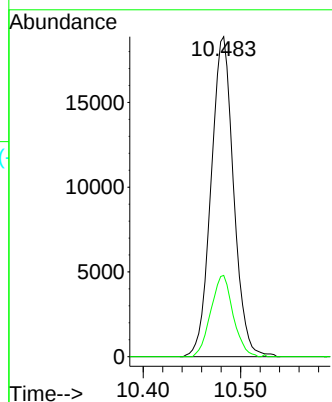
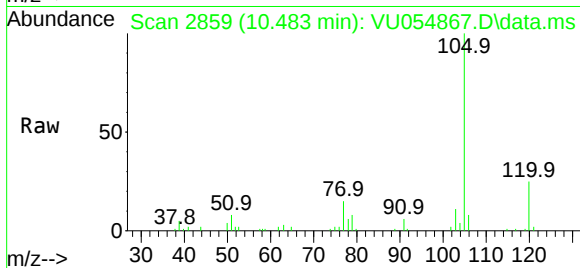
120 25.1 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 0.936 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

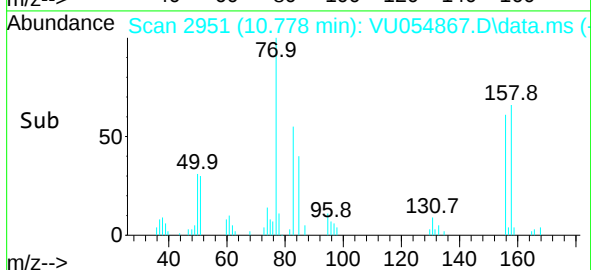
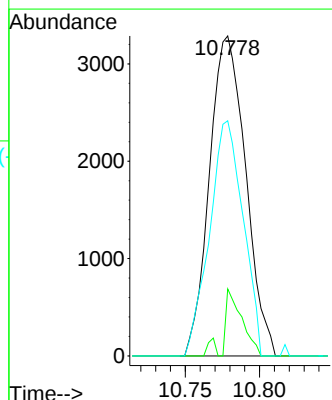
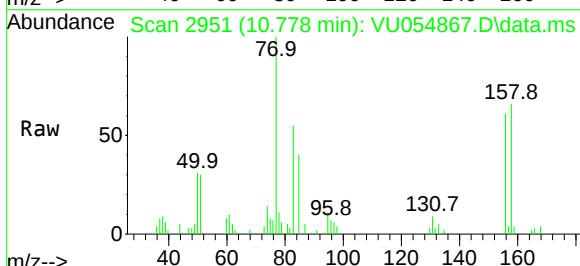
Tgt Ion: 83 Resp: 5576

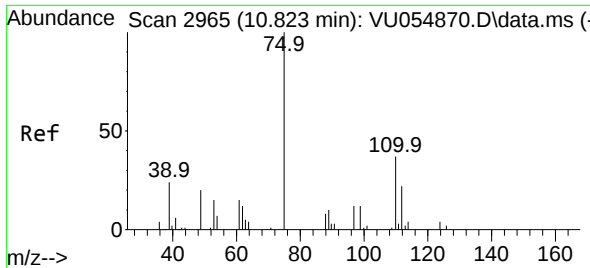
Ion Ratio Lower Upper

83 100

131 9.2 7.5 11.3

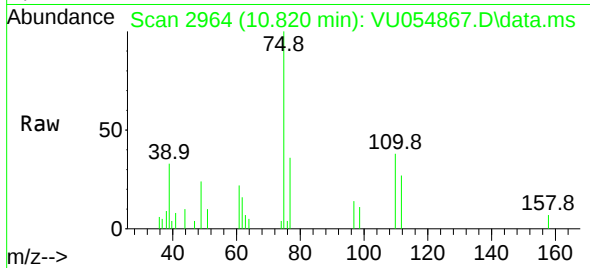
85 68.1 53.0 79.6





#71
1,2,3-Trichloropropane
Concen: 0.891 ug/l m
RT: 10.820 min Scan# 2965
Delta R.T. -0.006 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

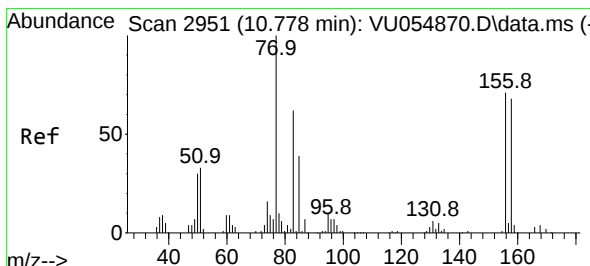
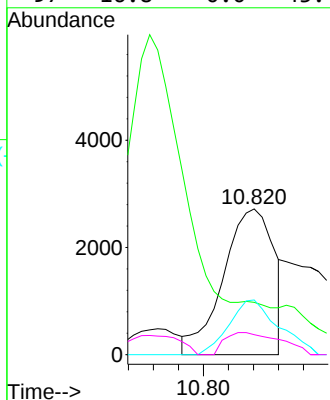
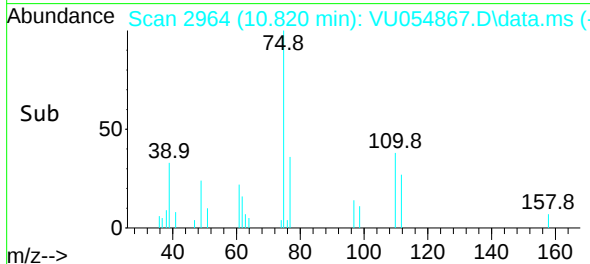
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



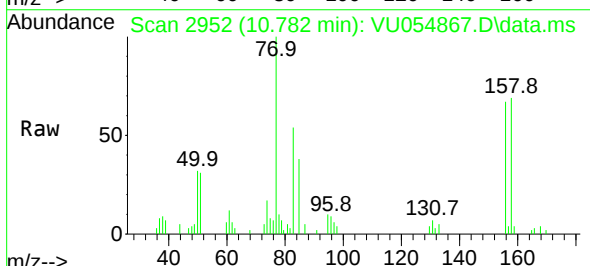
Tgt Ion: 75 Resp: 381
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0
110 37.0 0.0 80.8
97 16.8 0.0 43.4

Manual Integrations
APPROVED

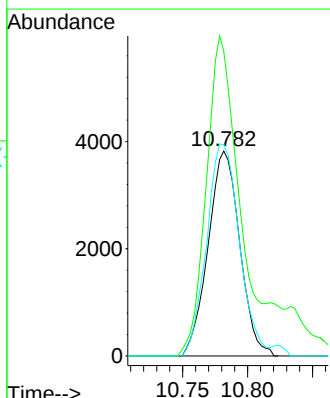
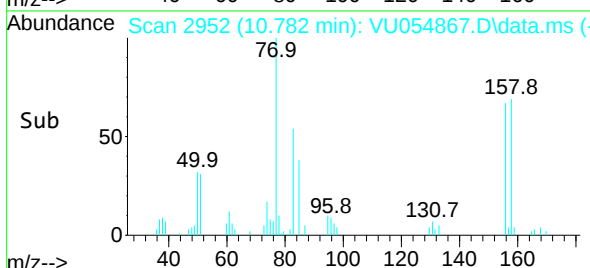
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

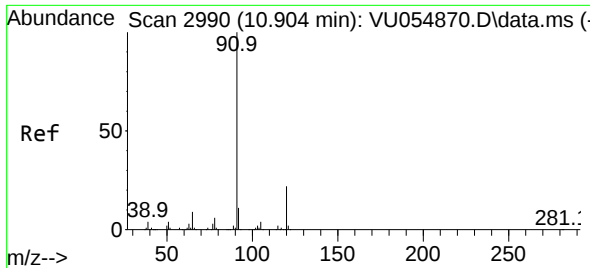


#72
Bromobenzene
Concen: 0.948 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



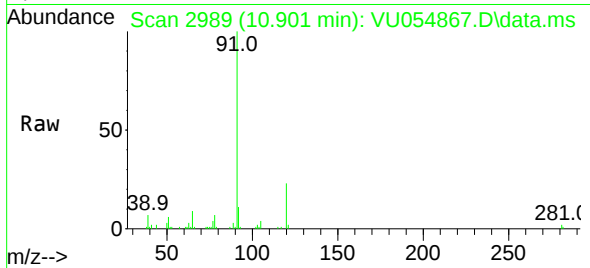
Tgt Ion:156 Resp: 6458
Ion Ratio Lower Upper
156 100
77 190.2 0.0 293.2
158 107.3 0.0 189.8





#73
n-propylbenzene
Concen: 0.948 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

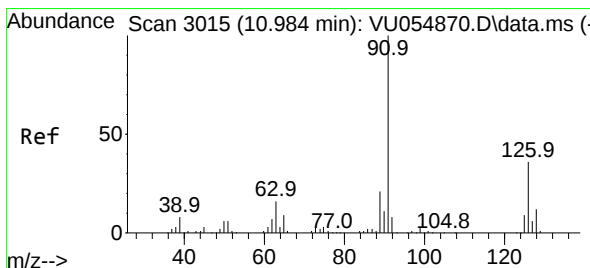
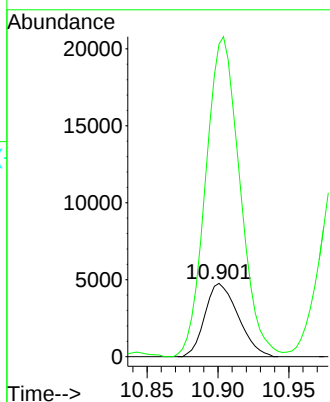
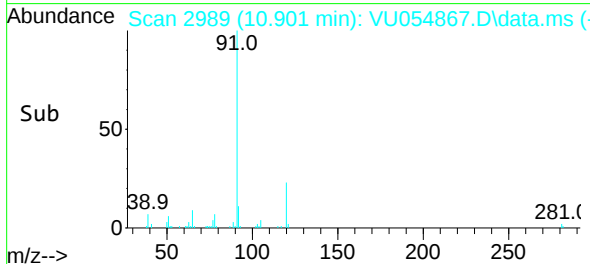
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



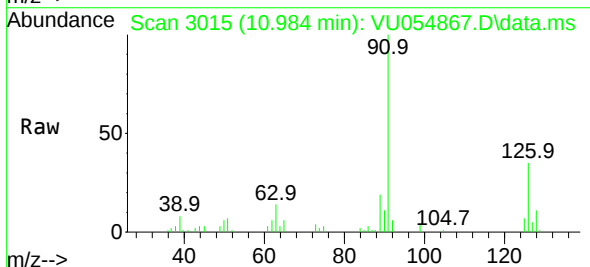
Tgt Ion:120 Resp: 7760
Ion Ratio Lower Upper
120 100
91 449.3 361.8 542.6

Manual Integrations
APPROVED

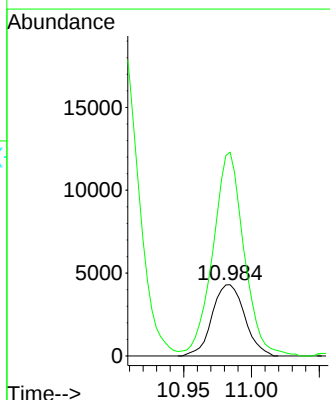
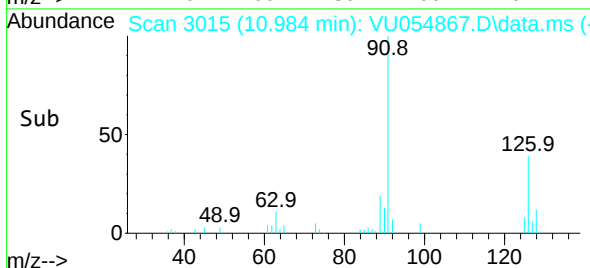
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

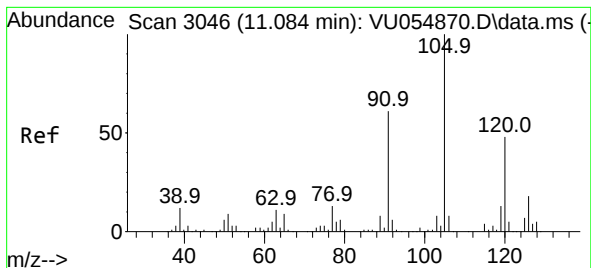


#74
2-Chlorotoluene
Concen: 1.012 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



Tgt Ion:126 Resp: 7180
Ion Ratio Lower Upper
126 100
91 274.5 0.0 561.4





#75

1,3,5-Trimethylbenzene

Concen: 0.973 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 2412

Ion Ratio Lower Upper

105 100

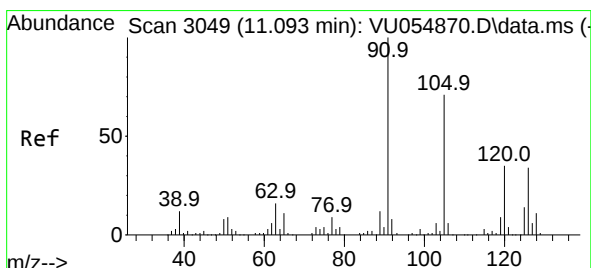
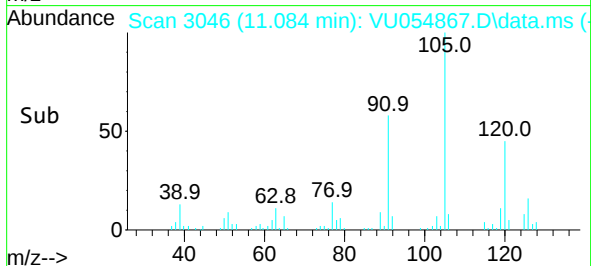
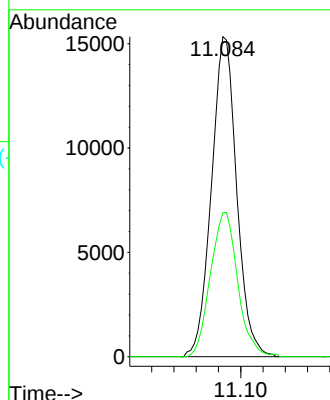
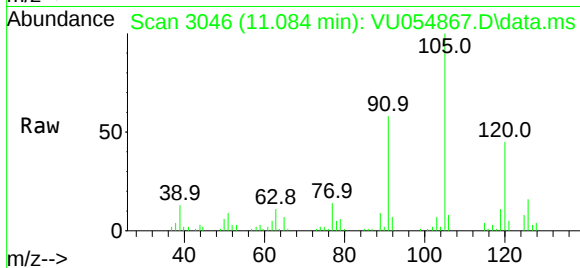
120 48.8 39.0 58.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#76

4-Chlorotoluene

Concen: 0.974 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VU054867.D

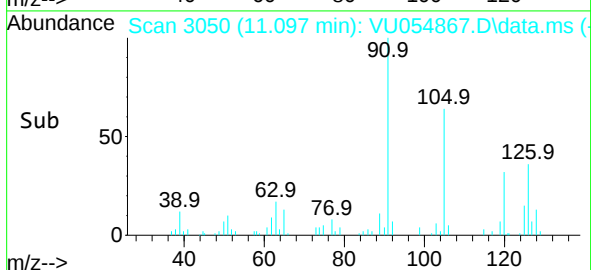
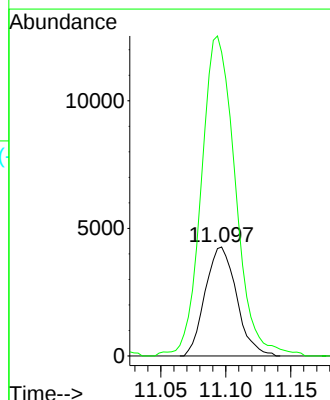
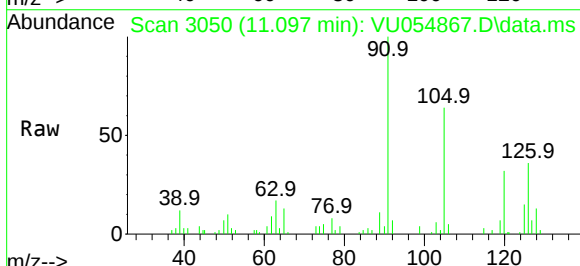
Acq: 25 Jul 2023 10:16

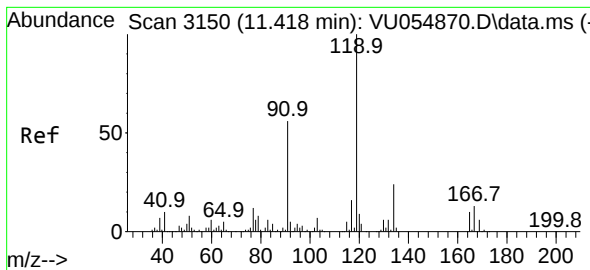
Tgt Ion:126 Resp: 7177

Ion Ratio Lower Upper

126 100

91 318.8 0.0 623.4





#77

tert-Butylbenzene

Concen: 0.936 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU054867.D

Acq: 25 Jul 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion:119 Resp: 2411

Ion Ratio Lower Upper

119 100

91 55.6 27.7 83.1

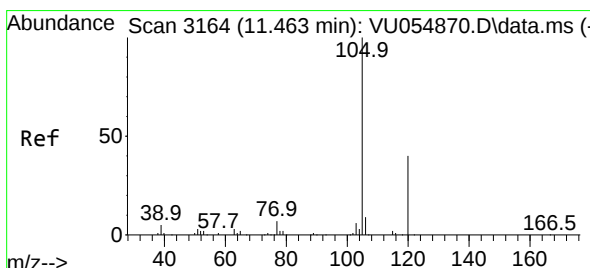
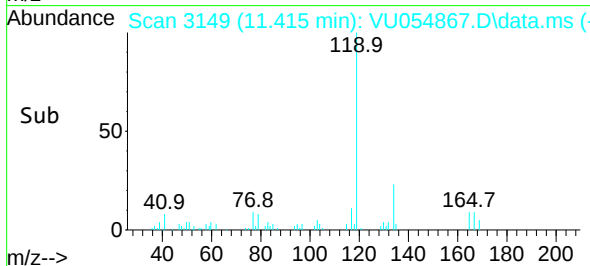
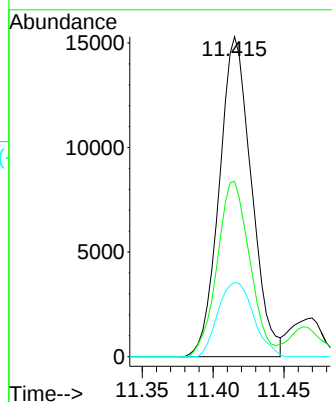
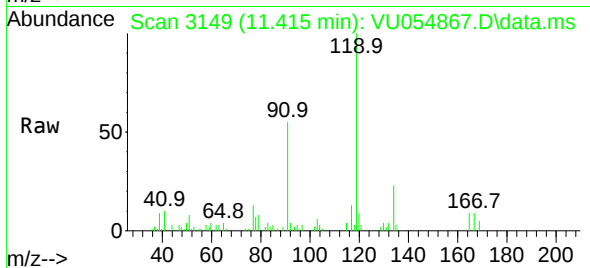
134 25.6 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/28/2023

Supervised By :Semsettin Yesilyurt 07/28/2023



#78

1,2,4-Trimethylbenzene

Concen: 0.931 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU054867.D

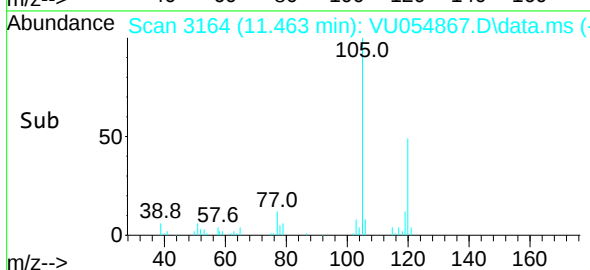
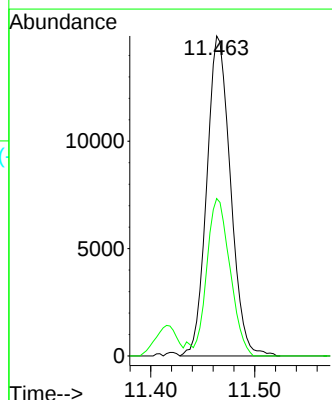
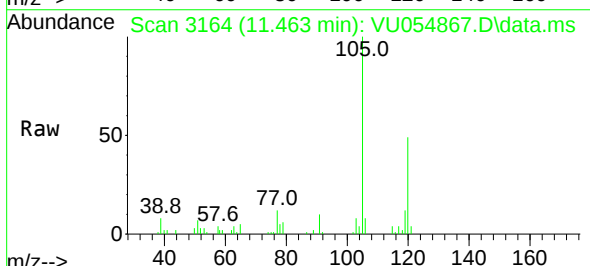
Acq: 25 Jul 2023 10:16

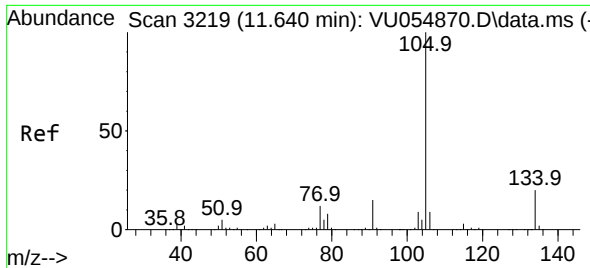
Tgt Ion:105 Resp: 23615

Ion Ratio Lower Upper

105 100

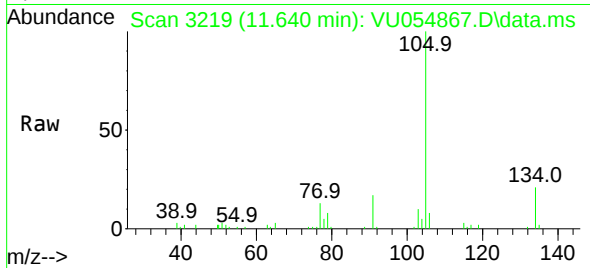
120 47.8 22.4 67.3





#79
 sec-Butylbenzene
 Concen: 0.949 ug/l
 RT: 11.640 min Scan# 3181
 Delta R.T. 0.000 min
 Lab File: VU054867.D
 Acq: 25 Jul 2023 10:16

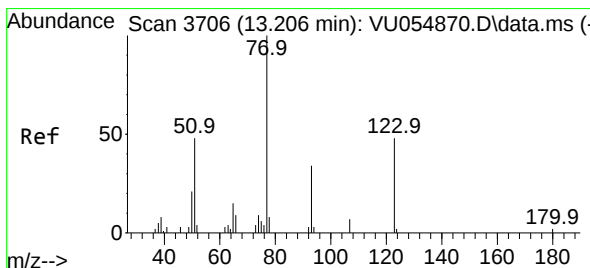
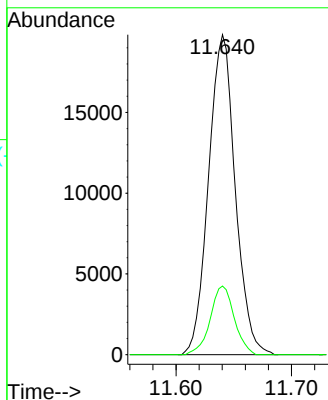
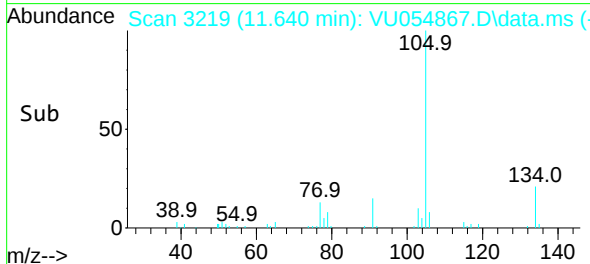
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



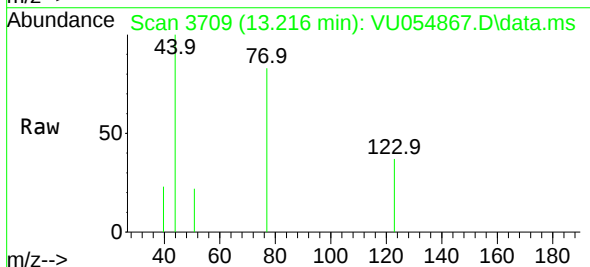
Tgt Ion:105 Resp: 3181
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.7 23.5

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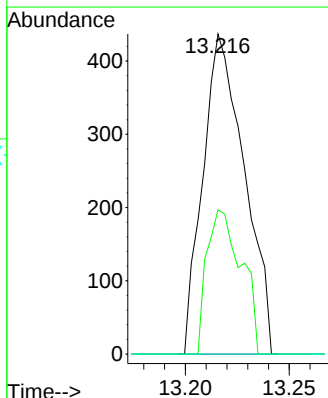
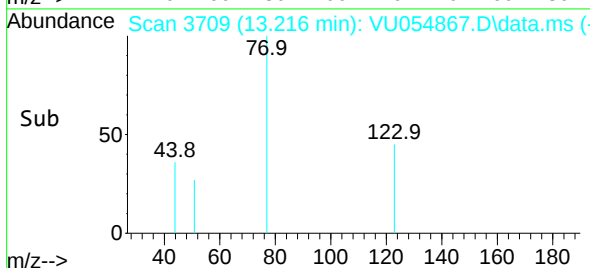
Reviewed By :Mahesh Dadoda 07/28/2023
 Supervised By :Semsettin Yesilyurt 07/28/2023

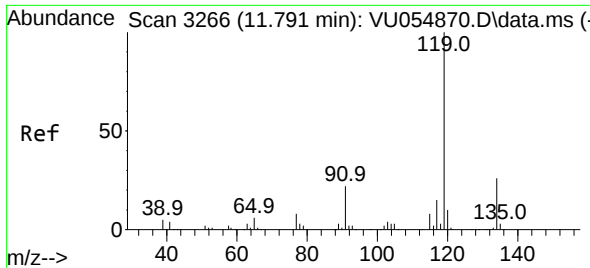


#80
 Nitrobenzene
 Concen: 3.871 ug/l
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.013 min
 Lab File: VU054867.D
 Acq: 25 Jul 2023 10:16



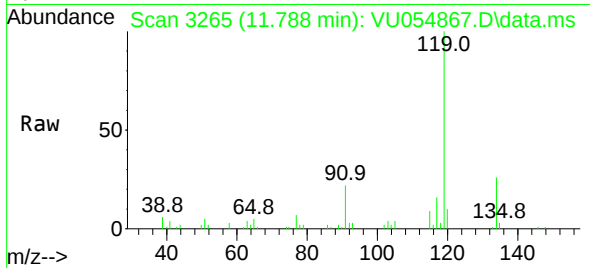
Tgt Ion: 77 Resp: 606
 Ion Ratio Lower Upper
 77 100
 123 37.5 20.2 71.8
 65 0.0 11.7 14.9#





#81
p-Isopropyltoluene
Concen: 0.912 ug/l
RT: 11.788 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

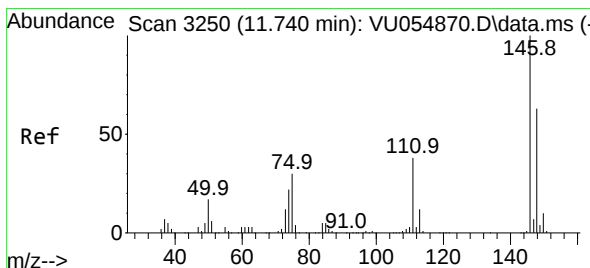
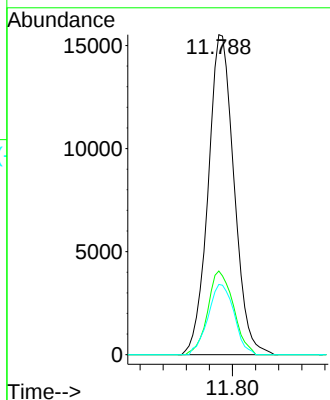
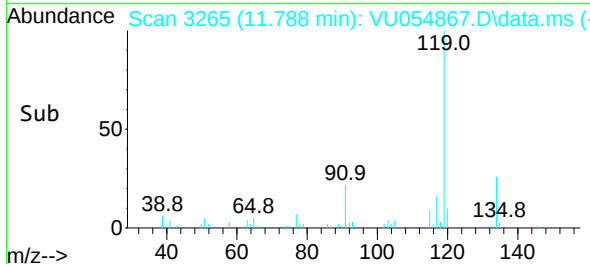
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



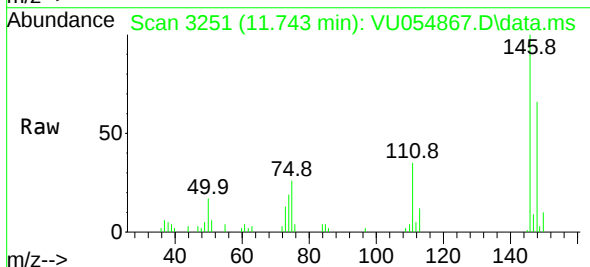
Tgt Ion:119 Resp: 24110
Ion Ratio Lower Upper
119 100
134 26.0 20.6 31.0
91 22.1 18.2 27.4

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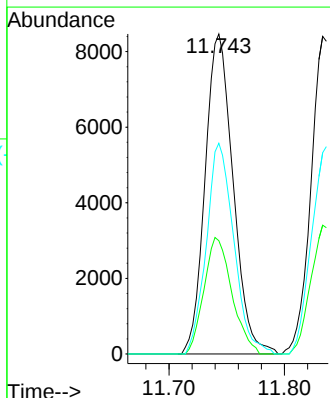
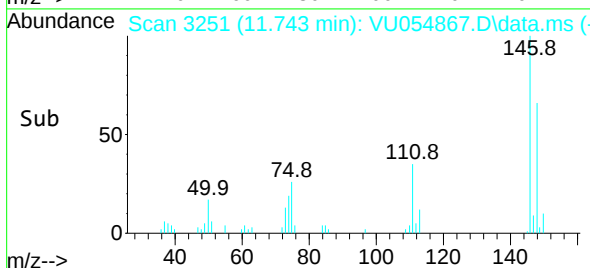
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

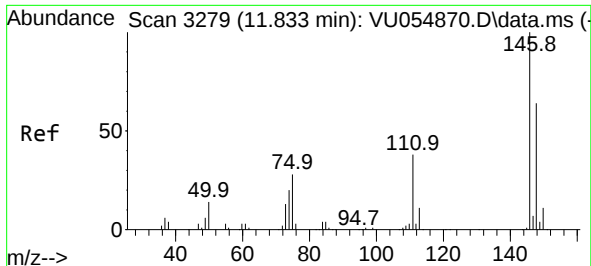


#82
1,3-Dichlorobenzene
Concen: 0.982 ug/l
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



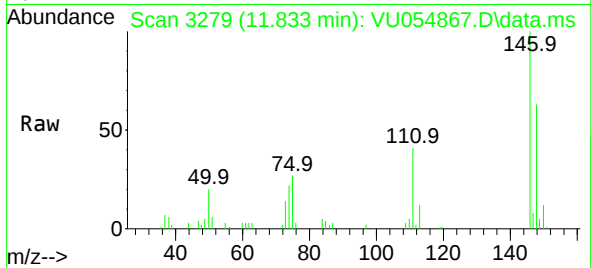
Tgt Ion:146 Resp: 14245
Ion Ratio Lower Upper
146 100
111 36.3 30.5 45.7
148 64.6 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 0.998 ug/l
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

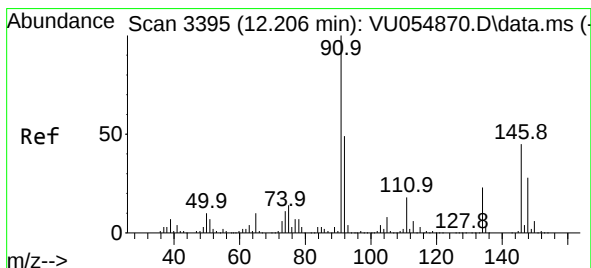
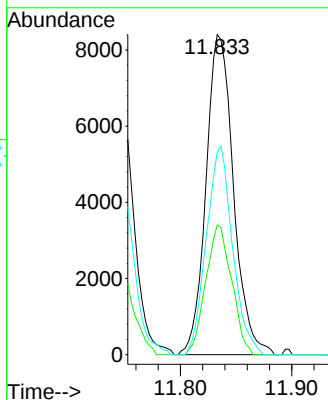
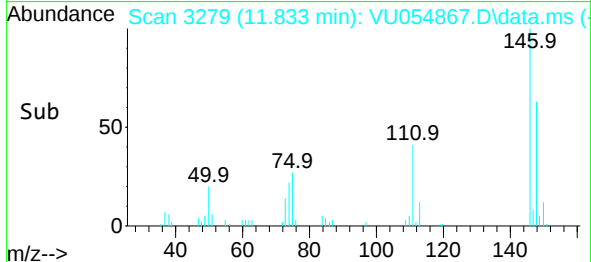
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



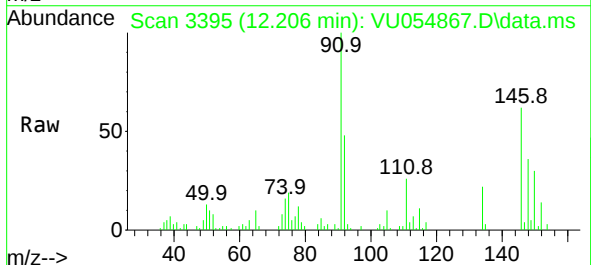
Tgt Ion:146 Resp: 1443
Ion Ratio Lower Upper
146 100
111 38.0 29.5 44.3
148 62.1 51.2 76.8

Manual Integrations
APPROVED

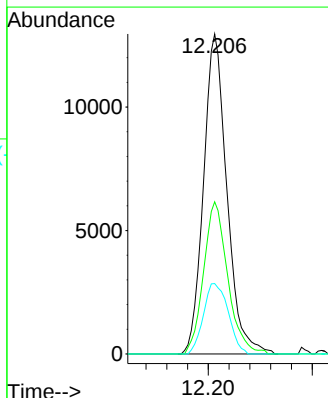
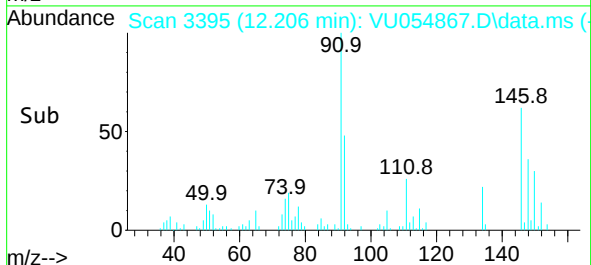
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

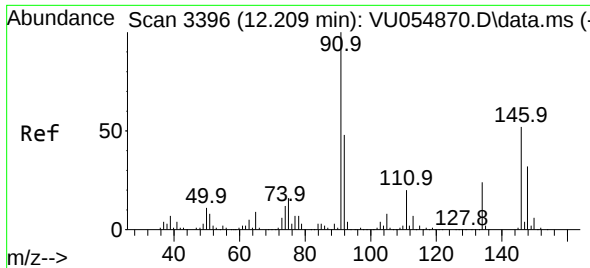


#84
n-Butylbenzene
Concen: 0.848 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



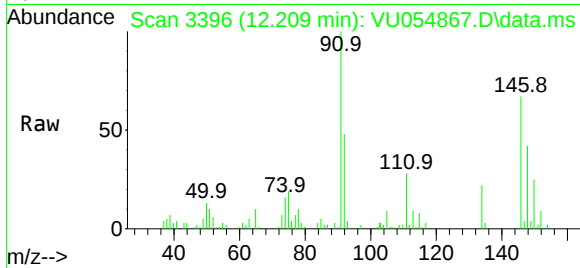
Tgt Ion: 91 Resp: 20154
Ion Ratio Lower Upper
91 100
92 49.2 39.8 59.8
134 23.4 20.2 30.4





#85
1,2-Dichlorobenzene
Concen: 0.973 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

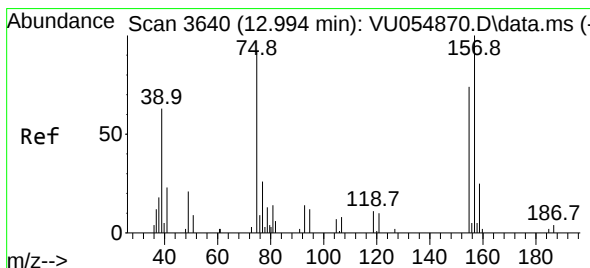
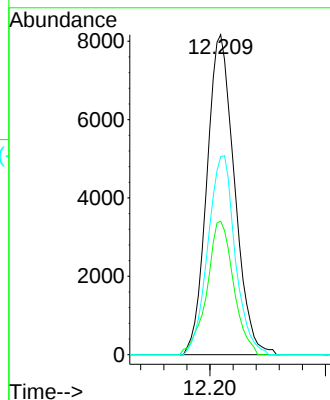
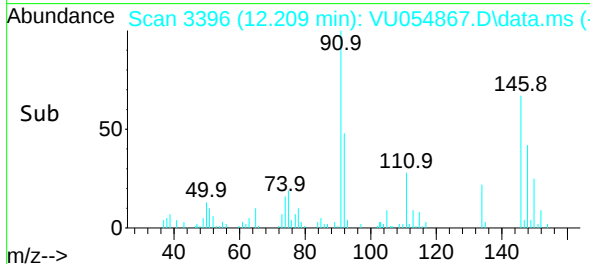
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



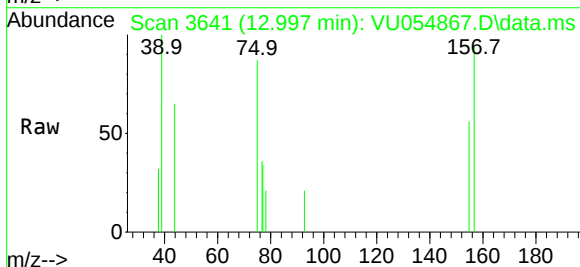
Tgt Ion:146 Resp: 13538
Ion Ratio Lower Upper
146 100
111 40.2 19.8 59.4
148 61.4 31.8 95.3

Manual Integrations
APPROVED

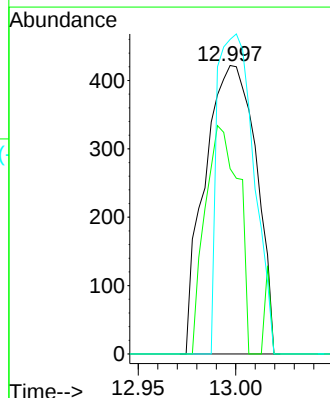
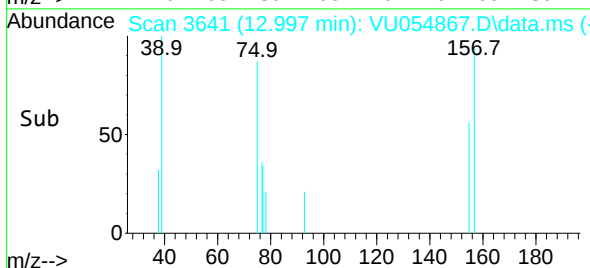
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

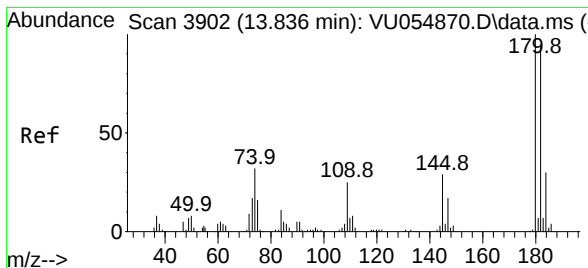


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.972 ug/l
RT: 12.997 min Scan# 3641
Delta R.T. 0.007 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



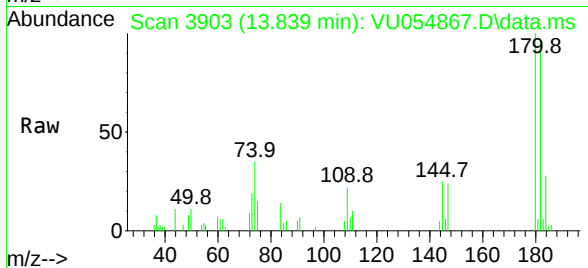
Tgt Ion: 75 Resp: 770
Ion Ratio Lower Upper
75 100
155 51.8 74.8 112.2#
157 78.6 97.4 146.0#





#87
1,2,4-Trichlorobenzene
Concen: 0.904 ug/l
RT: 13.839 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

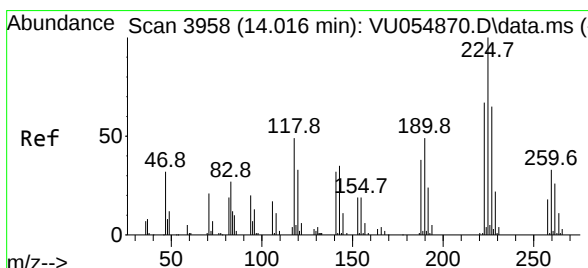
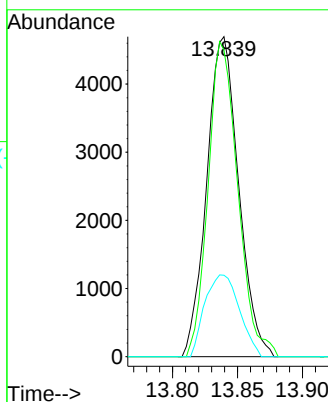
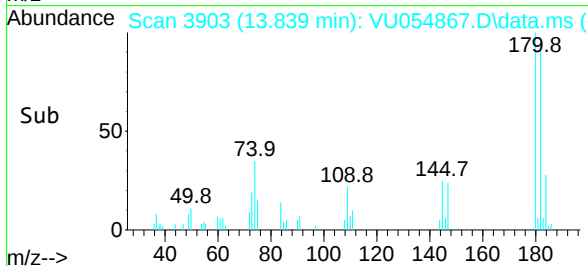
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



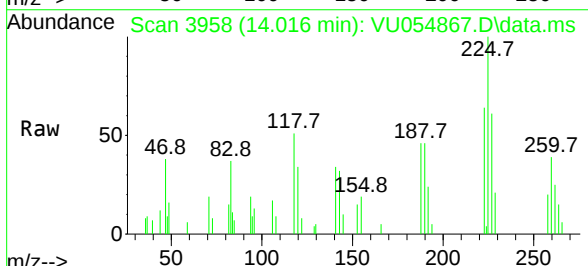
Tgt Ion:180 Resp: 8019
Ion Ratio Lower Upper
180 100
182 91.4 77.0 115.6
145 27.6 23.4 35.0

Manual Integrations
APPROVED

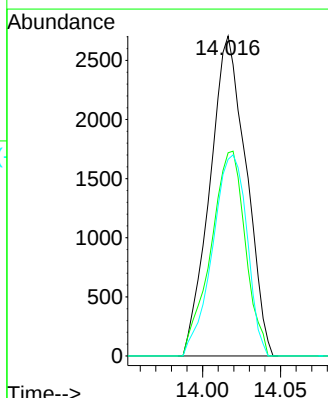
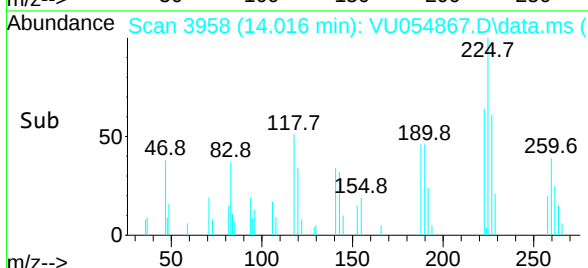
Reviewed By :Mahesh Dadoda 07/28/2023
Supervised By :Semsettin Yesilyurt 07/28/2023

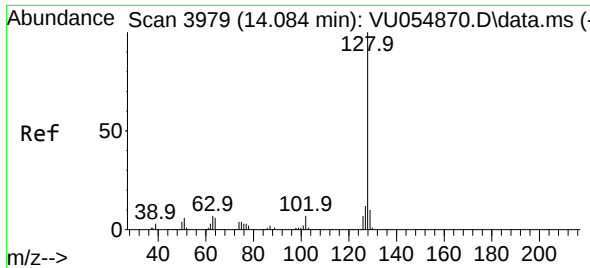


#88
Hexachlorobutadiene
Concen: 0.924 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



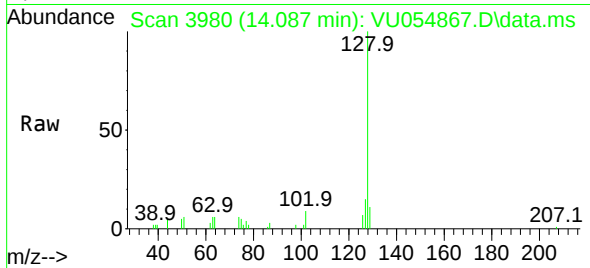
Tgt Ion:225 Resp: 4373
Ion Ratio Lower Upper
225 100
223 61.1 50.6 76.0
227 59.8 50.7 76.1





#89
Naphthalene
Concen: 0.967 ug/l
RT: 14.087 min Scan# 3979
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16

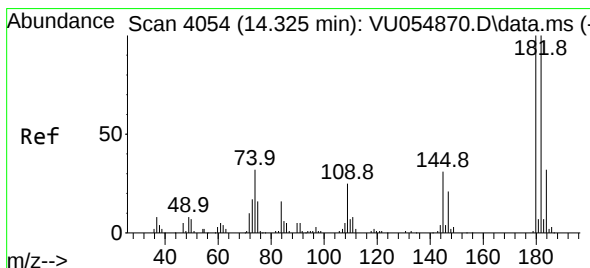
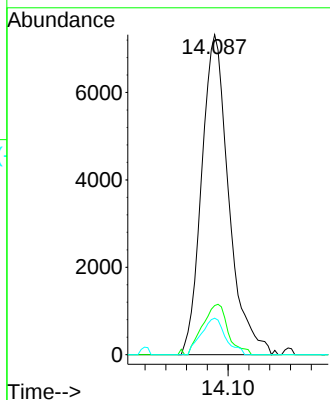
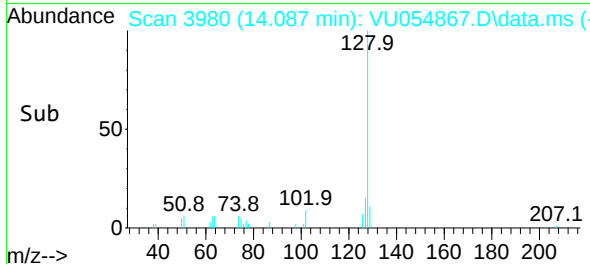
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



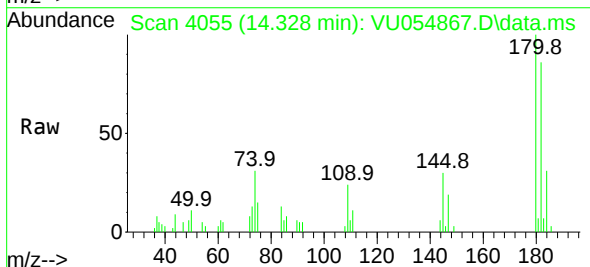
Tgt Ion:128 Resp: 1328
Ion Ratio Lower Upper
128 100
127 14.7 10.6 15.8
129 10.2 8.7 13.1

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 0.945 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054867.D
Acq: 25 Jul 2023 10:16



Tgt Ion:180 Resp: 7435
Ion Ratio Lower Upper
180 100
182 90.6 76.0 114.0
145 29.5 24.3 36.5

