

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092622\
 Data File : VY010684.D
 Acq On : 26 Sep 2022 20:14
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 27 06:29:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	214829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	352491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	325841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113377	55.177	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	110.360%		
35) Dibromofluoromethane	7.716	113	102490	45.559	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.120%		
50) Toluene-d8	10.179	98	400631	48.301	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.600%		
62) 4-Bromofluorobenzene	12.477	95	137109	44.118	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	41703	41.347	ug/l	99
3) Chloromethane	2.113	50	68950	46.803	ug/l	98
4) Vinyl Chloride	2.247	62	83530	43.270	ug/l	97
5) Bromomethane	2.643	94	56737	43.410	ug/l	100
6) Chloroethane	2.790	64	63101	41.696	ug/l	96
7) Trichlorofluoromethane	3.119	101	121417	43.013	ug/l	96
8) Diethyl Ether	3.521	74	46986	48.546	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	77897	45.852	ug/l	94
10) Methyl Iodide	4.088	142	81295	41.422	ug/l	93
11) Tert butyl alcohol	4.948	59	58830	323.222	ug/l	98
12) 1,1-Dichloroethene	3.869	96	65019	42.861	ug/l	91
13) Acrolein	3.729	56	25865	270.594	ug/l	97
14) Allyl chloride	4.472	41	117386	51.327	ug/l #	93
15) Acrylonitrile	5.155	53	152503	303.585	ug/l	99
16) Acetone	3.942	43	115722	276.170	ug/l #	88
17) Carbon Disulfide	4.186	76	121836	40.361	ug/l	99
18) Methyl Acetate	4.472	43	72115	61.302	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	253020	53.498	ug/l	94
20) Methylene Chloride	4.710	84	104179	45.658	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	76862	45.025	ug/l	87
22) Diisopropyl ether	6.118	45	312438	57.873	ug/l	91
23) Vinyl Acetate	6.051	43	971824	304.721	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	168269	51.932	ug/l	99
25) 2-Butanone	6.978	43	199589	304.521	ug/l #	90
26) 2,2-Dichloropropane	6.978	77	148249	47.580	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	104912	49.329	ug/l	91
28) Bromochloromethane	7.325	49	88943	57.645	ug/l	93
29) Tetrahydrofuran	7.344	42	124620	309.571	ug/l #	89
30) Chloroform	7.502	83	183135	52.242	ug/l	99
31) Cyclohexane	7.777	56	111103	47.992	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	151801	48.656	ug/l	98
36) 1,1-Dichloropropene	7.917	75	112457	44.866	ug/l	99
37) Ethyl Acetate	7.069	43	84973	58.692	ug/l	95
38) Carbon Tetrachloride	7.899	117	130846	45.400	ug/l	99
39) Methylcyclohexane	9.179	83	118433	40.370	ug/l	92
40) Benzene	8.155	78	354875	47.492	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	41976m	56.844	ug/l	
42) 1,2-Dichloroethane	8.234	62	117266	50.964	ug/l	94
43) Isopropyl Acetate	8.270	43	153903	57.993	ug/l #	94
44) Trichloroethene	8.935	130	94650	44.248	ug/l	98
45) 1,2-Dichloropropane	9.209	63	101817	52.672	ug/l	98
46) Dibromomethane	9.301	93	57278	50.457	ug/l	95
47) Bromodichloromethane	9.496	83	148145	52.853	ug/l	100
48) Methyl methacrylate	9.289	41	69409	59.248	ug/l #	89
49) 1,4-Dioxane	9.295	88	18326	1097.837	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	468178	312.473	ug/l	92
52) Toluene	10.240	92	230602	47.166	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	145657	51.393	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	157767	49.929	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	88313	52.890	ug/l	99
56) Ethyl methacrylate	10.508	69	118312	54.695	ug/l	85
57) 1,3-Dichloropropane	10.788	76	145527	52.616	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	355353	286.895	ug/l	97
59) 2-Hexanone	10.831	43	319849	314.953	ug/l	91
60) Dibromochloromethane	10.983	129	106360	52.051	ug/l	100
61) 1,2-Dibromoethane	11.087	107	78800	50.409	ug/l	99
64) Tetrachloroethene	10.715	164	92090	42.308	ug/l	97
65) Chlorobenzene	11.514	112	264304	46.909	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	108096	49.244	ug/l	98
67) Ethyl Benzene	11.593	91	464435	46.940	ug/l	99
68) m/p-Xylenes	11.703	106	355557	92.765	ug/l	94
69) o-Xylene	12.026	106	175150	46.870	ug/l	95
70) Styrene	12.044	104	308720	48.631	ug/l	96
71) Bromoform	12.203	173	70028	51.376	ug/l #	99
73) Isopropylbenzene	12.331	105	471029	45.353	ug/l	100
74) N-amyl acetate	12.142	43	138730	55.083	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	109175	51.586	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	143013	89.164	ug/l #	100
77) Bromobenzene	12.605	156	112229	45.416	ug/l	99
78) n-propylbenzene	12.666	91	569219	46.012	ug/l	99
79) 2-Chlorotoluene	12.757	91	325314	46.151	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	398874	45.453	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	37088	51.413	ug/l	88
82) 4-Chlorotoluene	12.855	91	338629	46.523	ug/l	99
83) tert-Butylbenzene	13.074	119	360632	45.950	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	405021	46.457	ug/l	100
85) sec-Butylbenzene	13.251	105	529404	46.058	ug/l	100
86) p-Isopropyltoluene	13.367	119	442707	46.090	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	228093	45.476	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	226741	45.675	ug/l	99
89) n-Butylbenzene	13.696	91	408845	46.367	ug/l	100
90) Hexachloroethane	13.958	117	86470	46.887	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	210119	47.028	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18838	53.341	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	119087	43.692	ug/l	98
94) Hexachlorobutadiene	15.111	225	69056	41.685	ug/l	97
95) Naphthalene	15.233	128	265948	48.426	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	107146	45.148	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

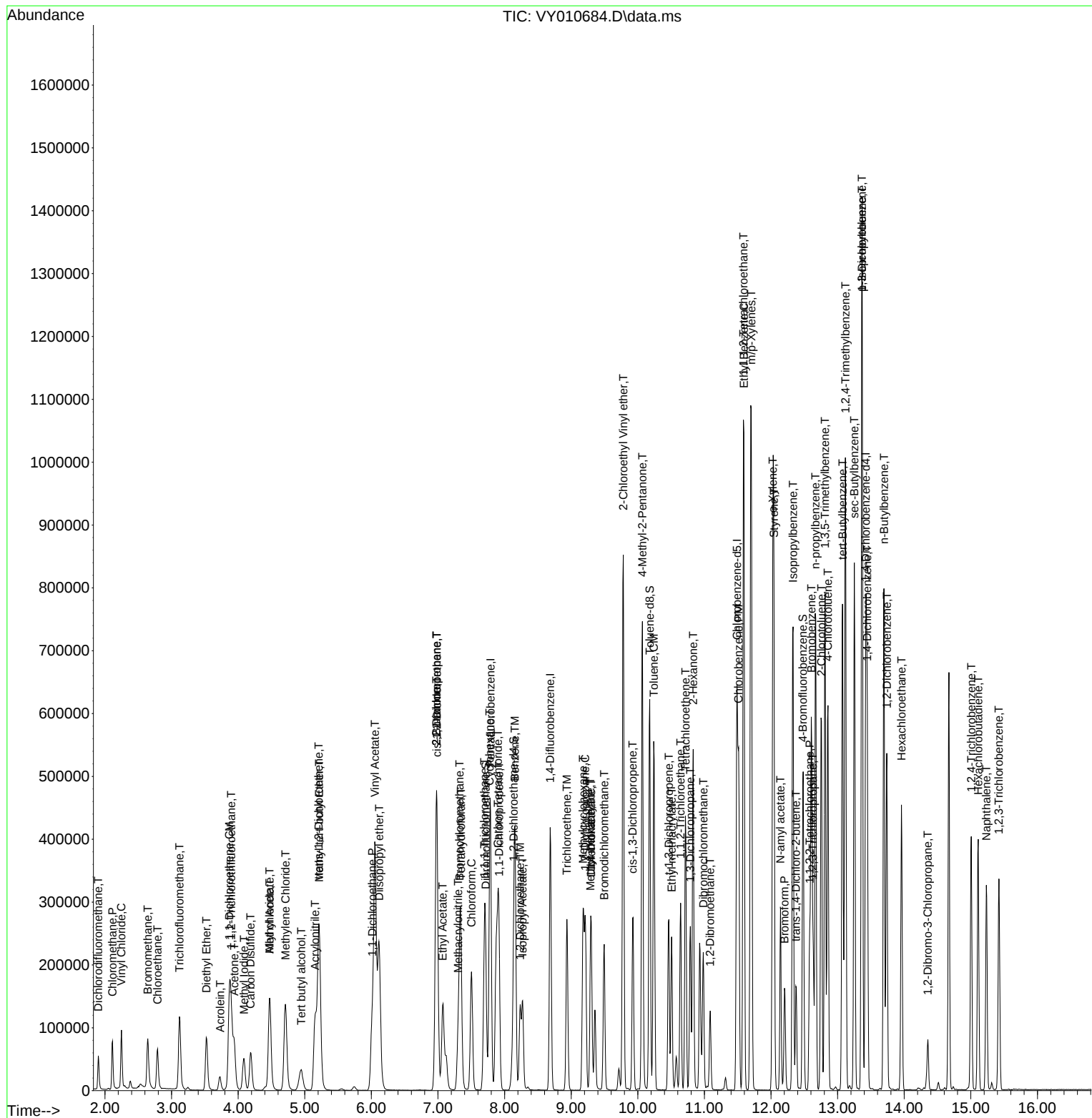
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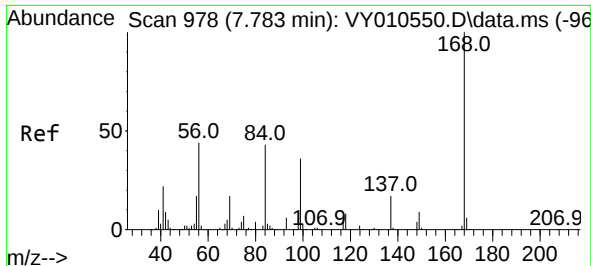
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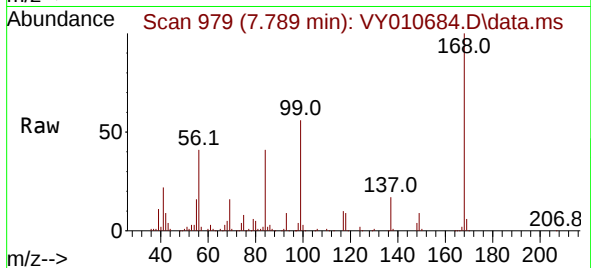
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

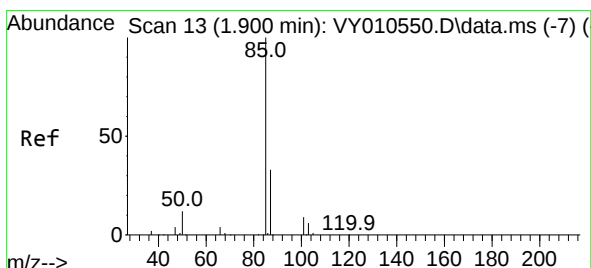
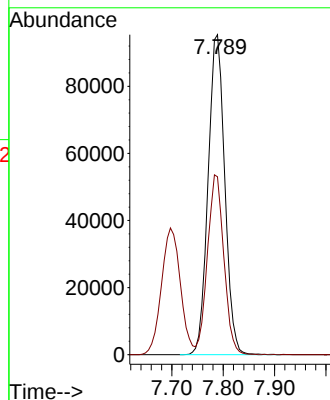
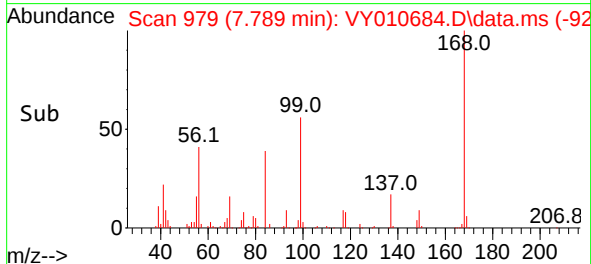
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MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 214829
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3

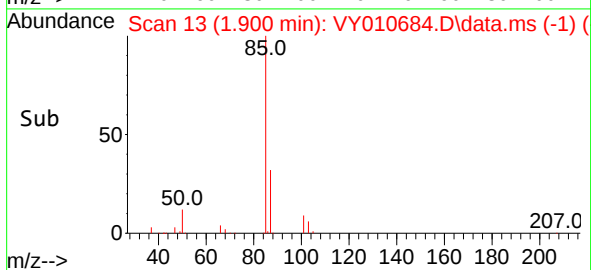
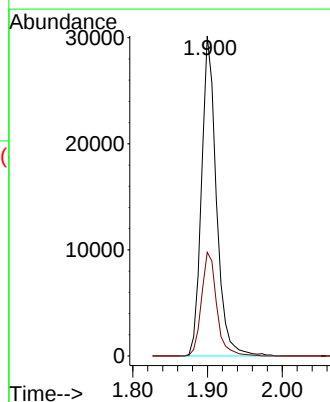
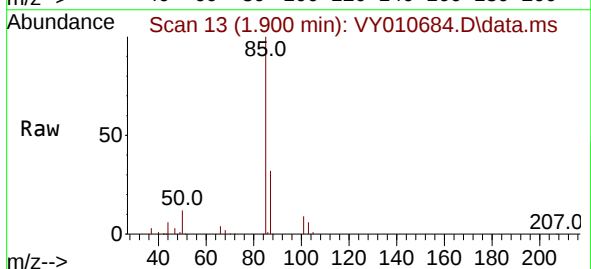
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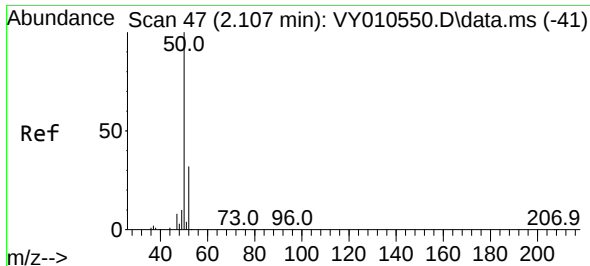
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#2
Dichlorodifluoromethane
Concen: 41.347 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

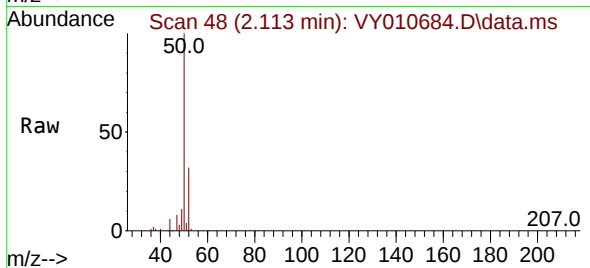
Tgt Ion: 85 Resp: 41703
Ion Ratio Lower Upper
85 100
87 32.4 16.1 48.2





#3
Chloromethane
Concen: 46.803 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

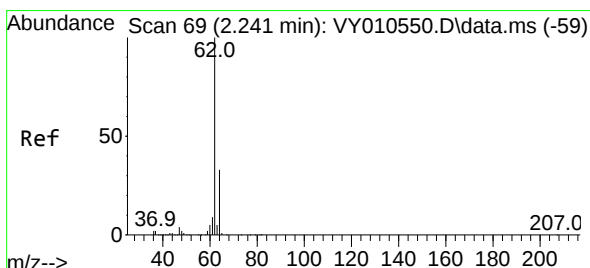
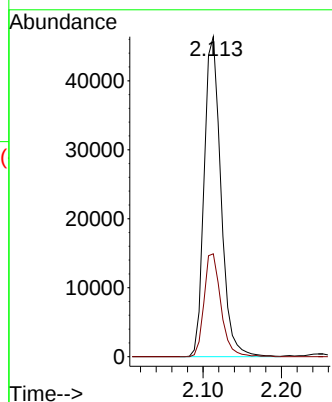
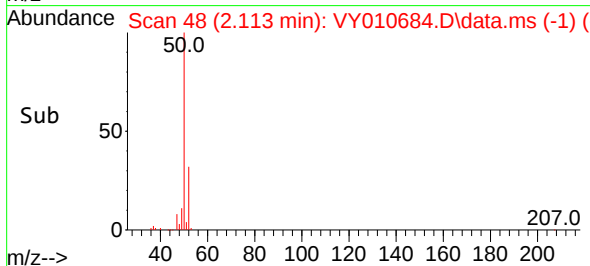
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Tgt Ion: 50 Resp: 68950
Ion Ratio Lower Upper
50 100
52 32.2 24.6 37.0

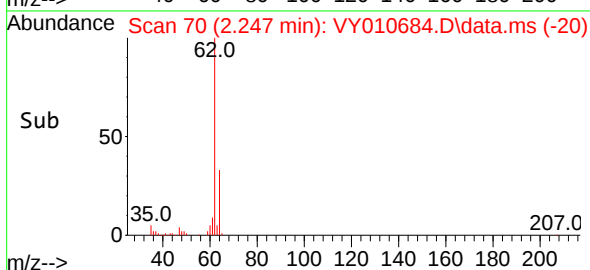
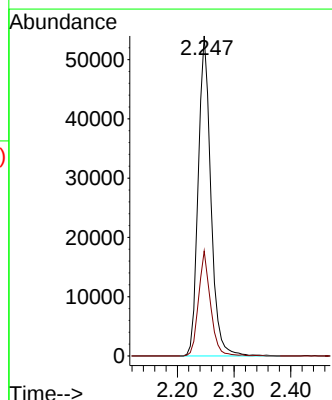
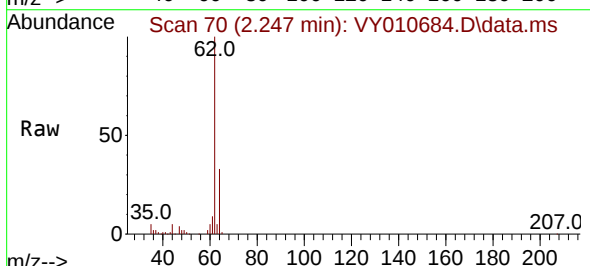
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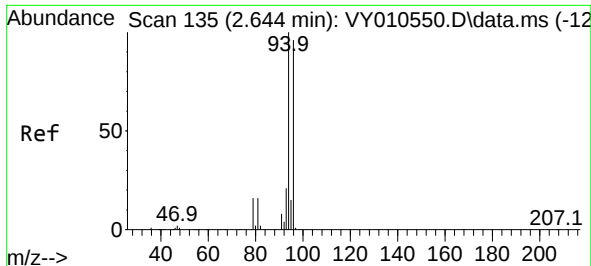
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#4
Vinyl Chloride
Concen: 43.270 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

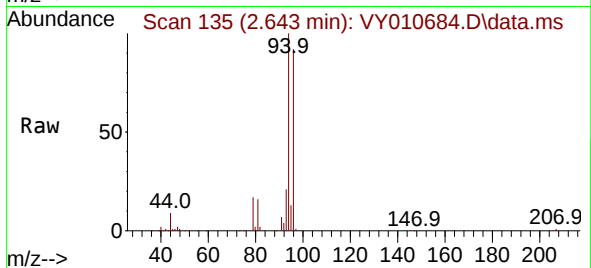
Tgt Ion: 62 Resp: 83530
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.6





#5
Bromomethane
Concen: 43.410 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

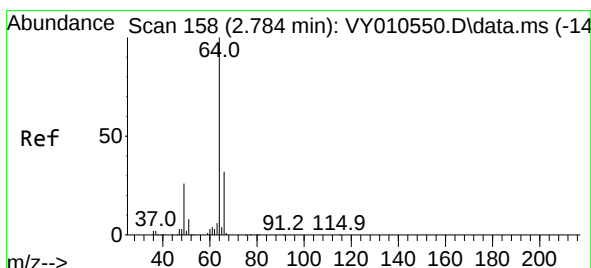
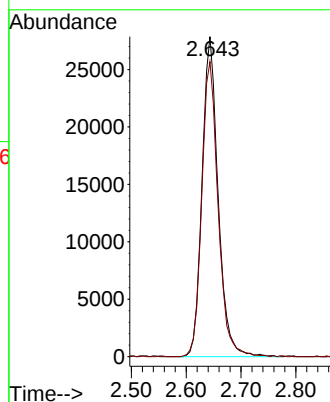
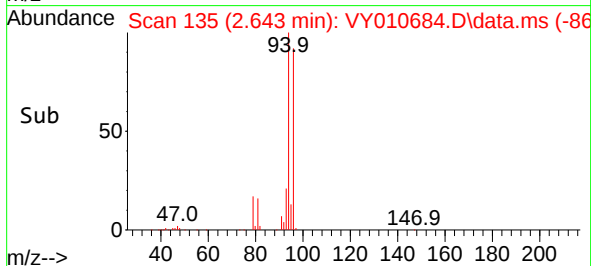
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Tgt Ion: 94 Resp: 5673
Ion Ratio Lower Upper
94 100
96 92.2 73.5 110.3

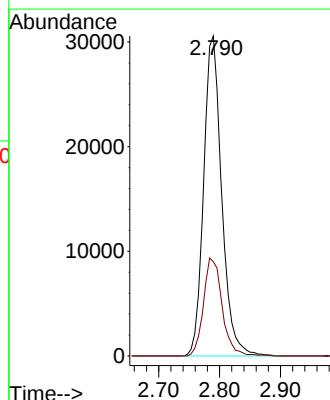
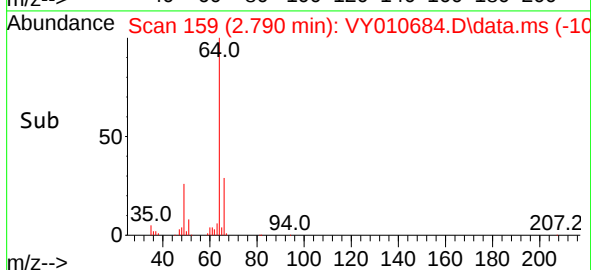
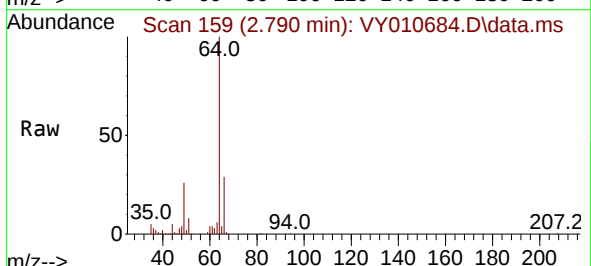
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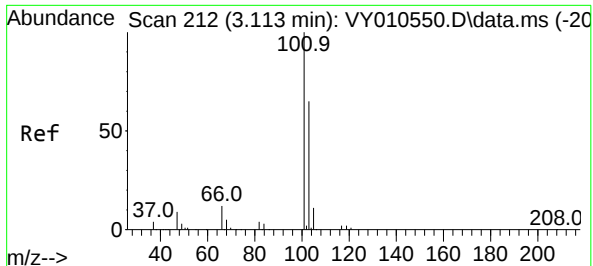
Reviewed By :Krupa Patel 09/27/2022
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#6
Chloroethane
Concen: 41.696 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

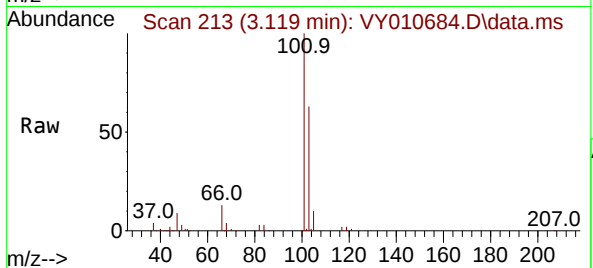
Tgt Ion: 64 Resp: 63101
Ion Ratio Lower Upper
64 100
66 29.5 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 43.013 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY010684.D
 Acq: 26 Sep 2022 20:14

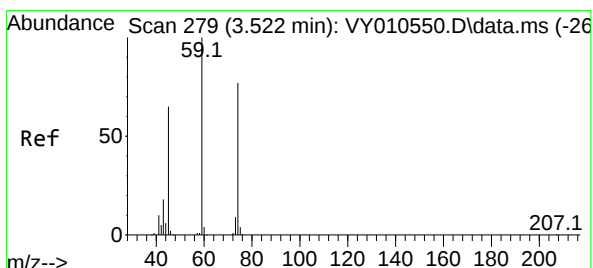
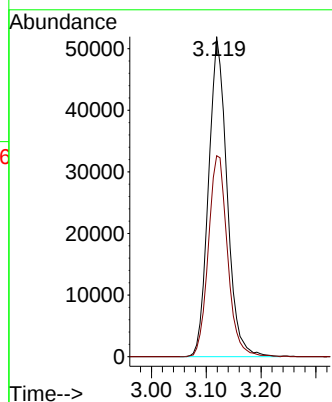
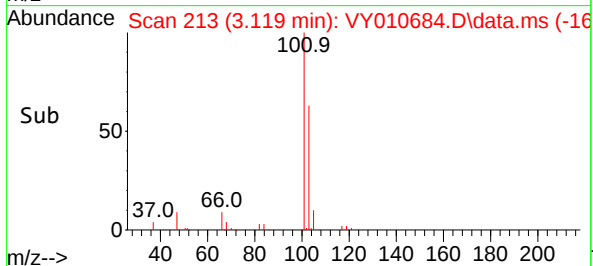
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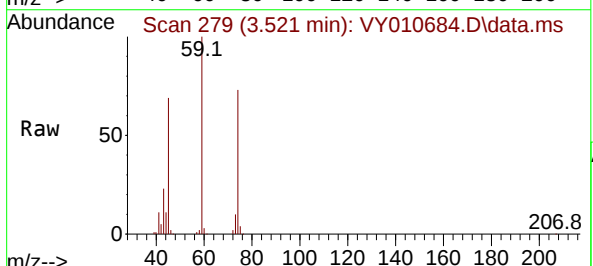
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 Ion Ratio Lower Upper
 101 100
 103 62.8 48.0 72.0

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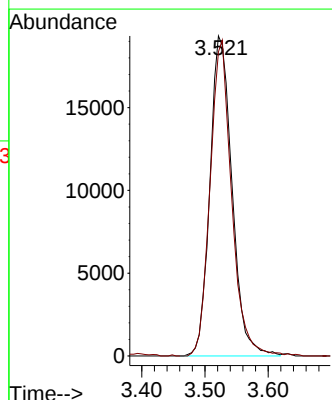
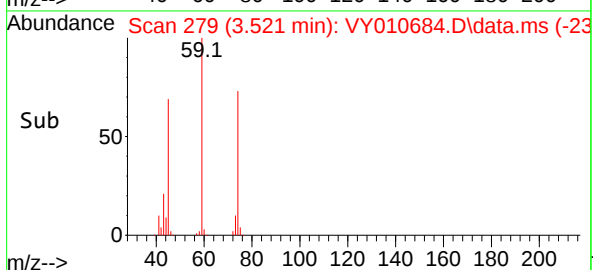
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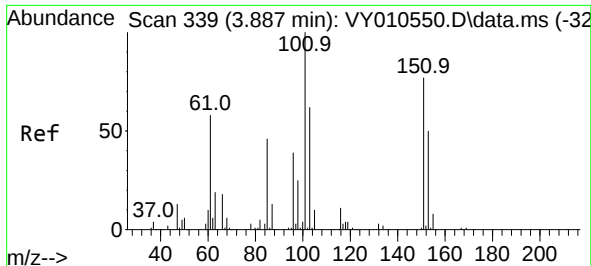


#8
 Diethyl Ether
 Concen: 48.546 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.001 min
 Lab File: VY010684.D
 Acq: 26 Sep 2022 20:14



Tgt Ion: 74 Resp: 46986
 Ion Ratio Lower Upper
 74 100
 45 96.1 55.1 165.5





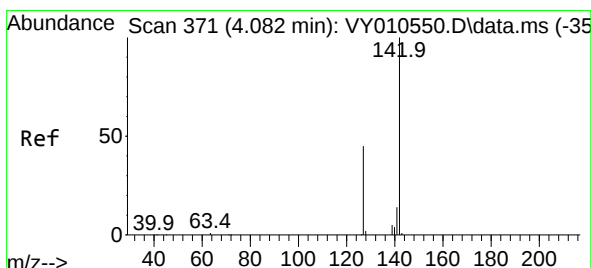
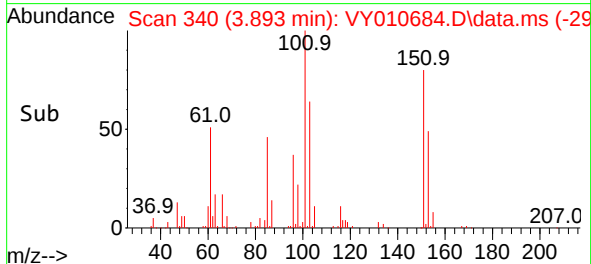
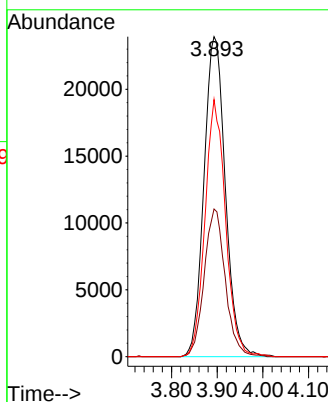
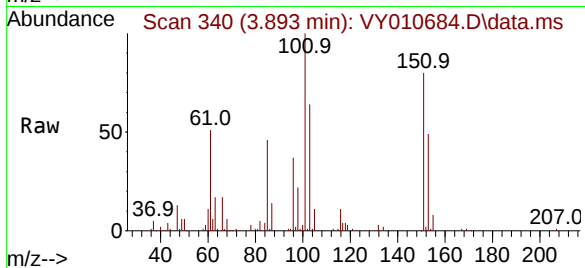
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.852 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7789
Ion Ratio Lower Upper
101 100
85 45.5 40.6 60.8
151 77.3 64.9 97.3

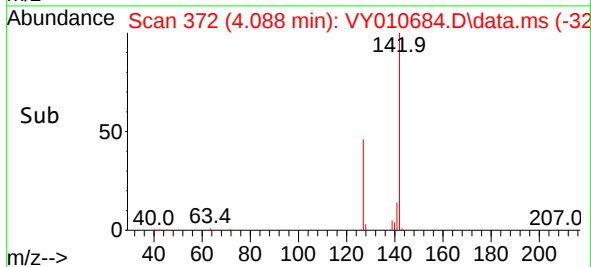
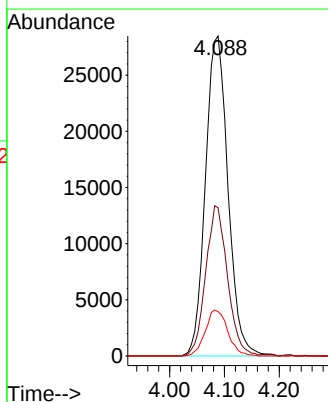
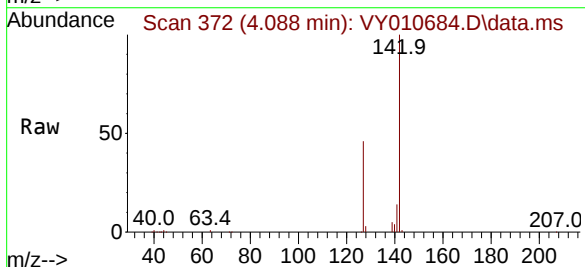
Manual Integrations
APPROVED

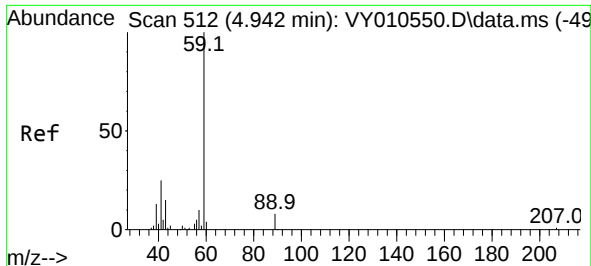
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#10
Methyl Iodide
Concen: 41.422 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

Tgt Ion:142 Resp: 81295
Ion Ratio Lower Upper
142 100
127 45.5 41.5 62.3
141 14.3 11.9 17.9





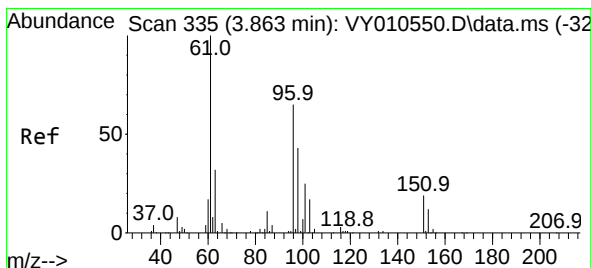
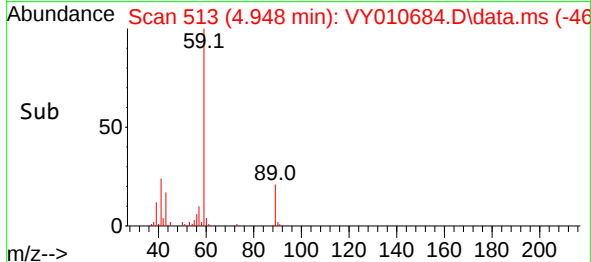
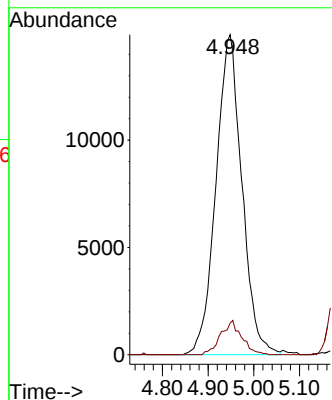
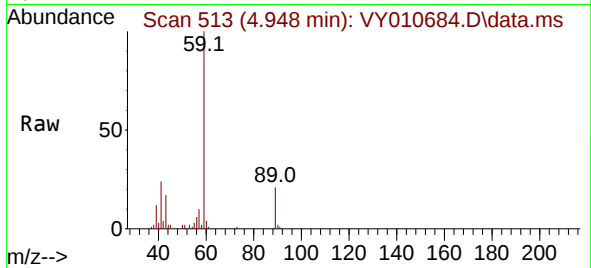
#11
Tert butyl alcohol
Concen: 323.222 ug/l
RT: 4.948 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 58830
Ion Ratio Lower Upper
59 100
57 8.7 6.4 9.6

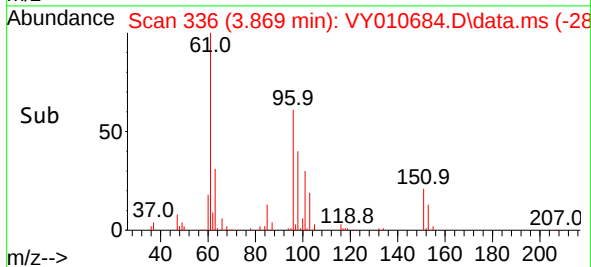
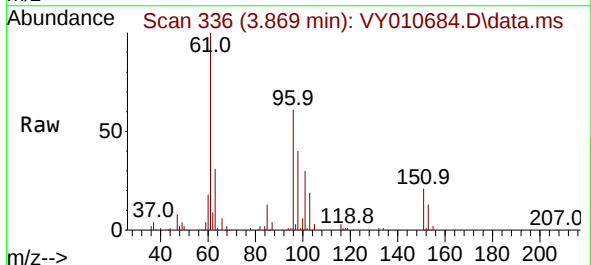
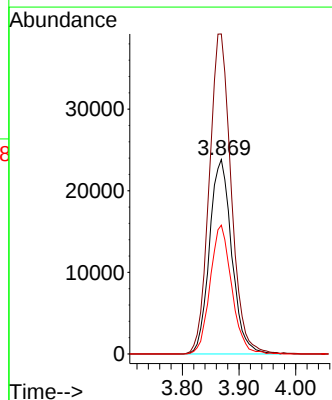
Manual Integrations
APPROVED

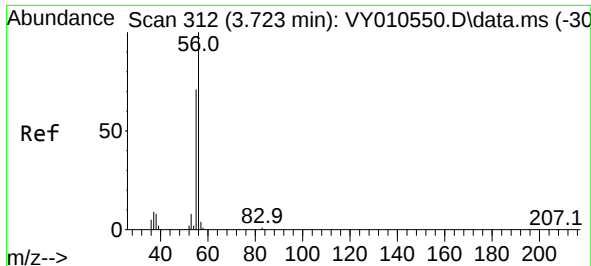
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#12
1,1-Dichloroethene
Concen: 42.861 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

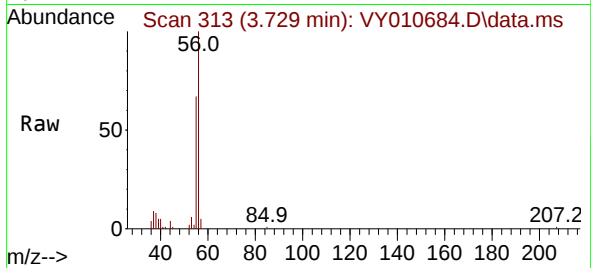
Tgt Ion: 96 Resp: 65019
Ion Ratio Lower Upper
96 100
61 164.6 145.8 218.6
98 66.3 52.5 78.7





#13
Acrolein
Concen: 270.594 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

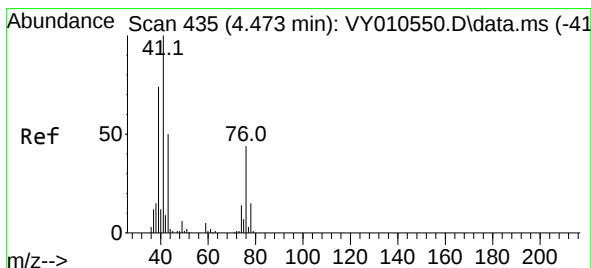
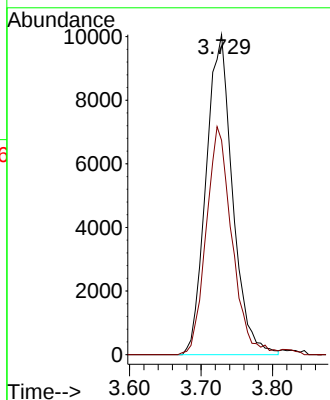
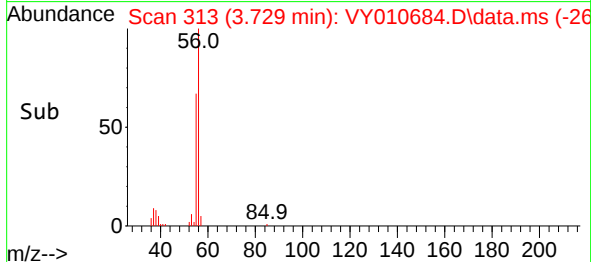
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 2586
Ion Ratio Lower Upper
56 100
55 69.5 57.6 86.4

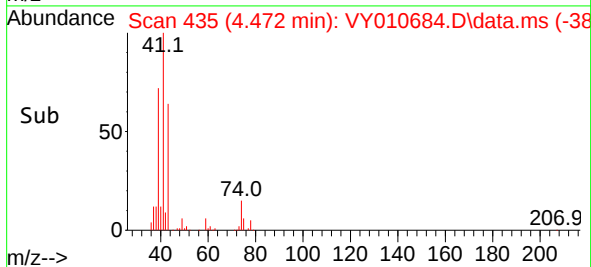
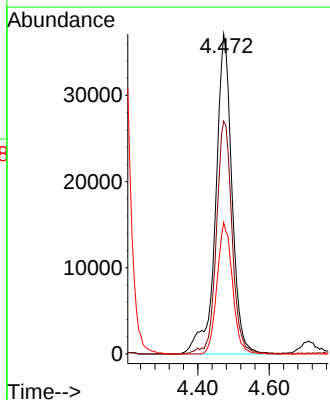
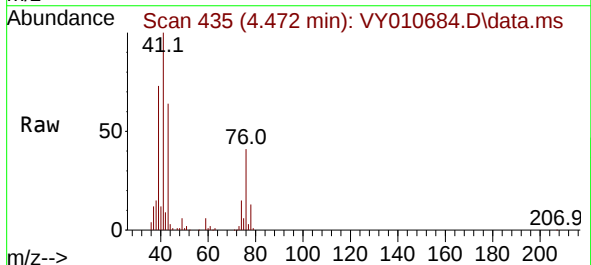
Manual Integrations
APPROVED

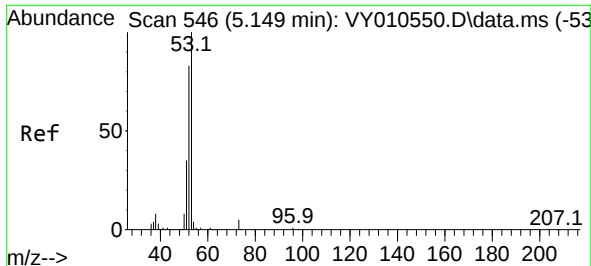
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#14
Allyl chloride
Concen: 51.327 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

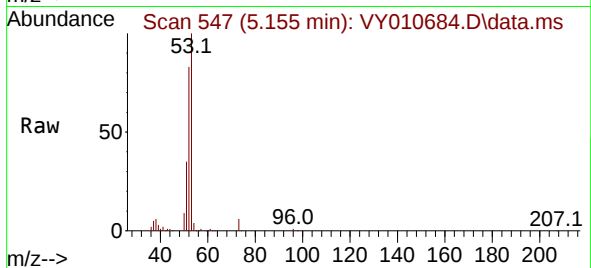
Tgt Ion: 41 Resp: 117386
Ion Ratio Lower Upper
41 100
39 70.0 58.8 88.2
76 38.6 25.1 37.7#





#15
Acrylonitrile
Concen: 303.585 ug/l
RT: 5.155 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

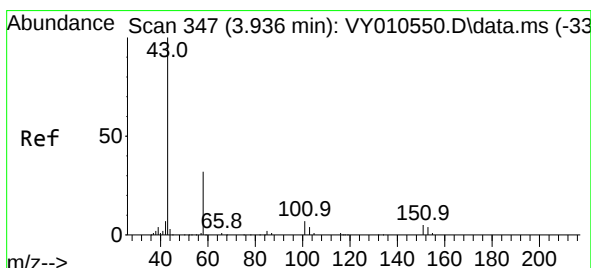
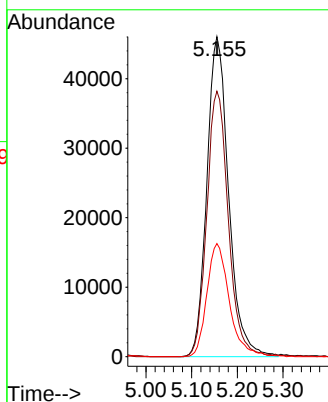
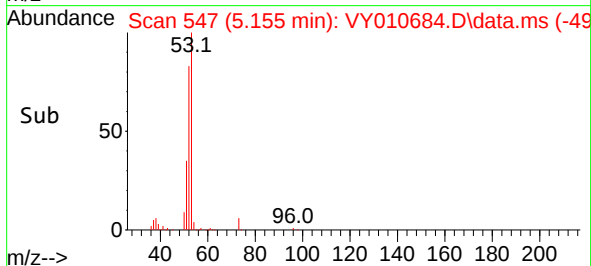
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 152500
Ion Ratio Lower Upper
53 100
52 82.3 67.0 100.4
51 36.5 29.8 44.6

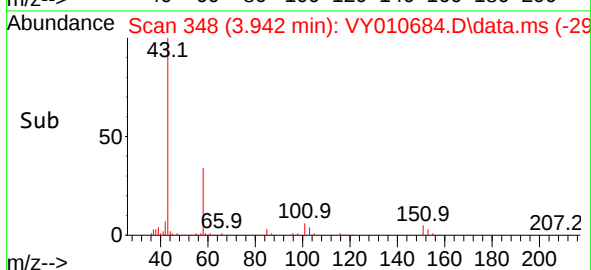
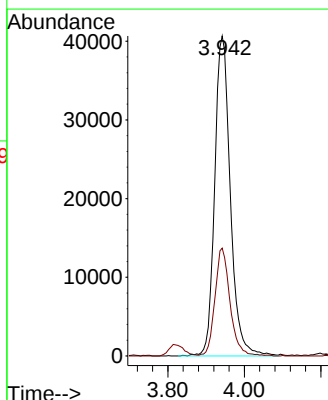
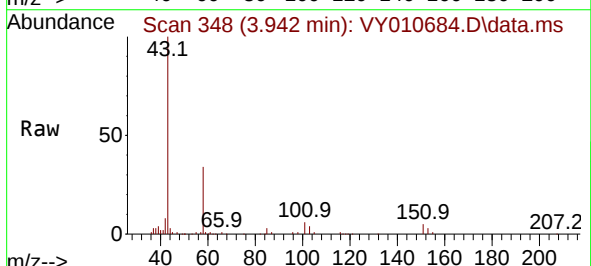
Manual Integrations
APPROVED

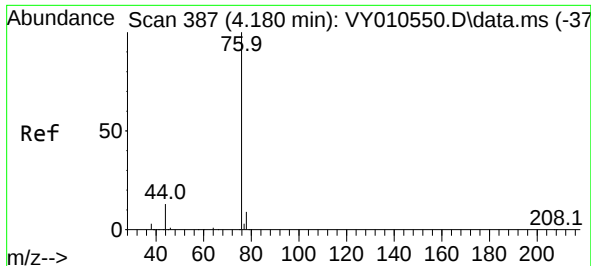
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#16
Acetone
Concen: 276.170 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

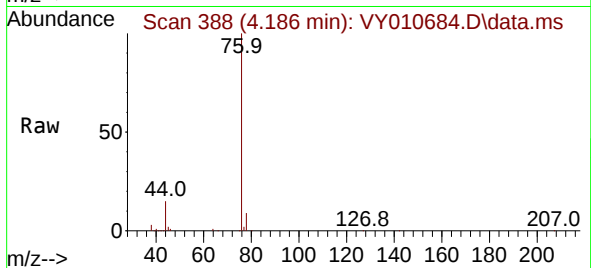
Tgt Ion: 43 Resp: 115722
Ion Ratio Lower Upper
43 100
58 33.7 22.0 33.0#





#17
Carbon Disulfide
Concen: 40.361 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

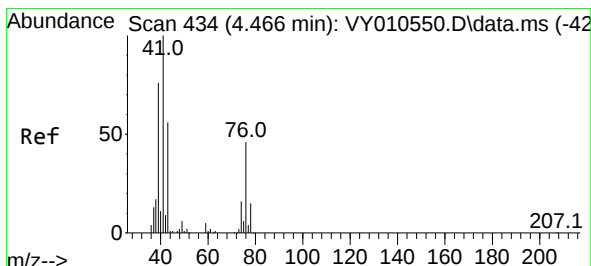
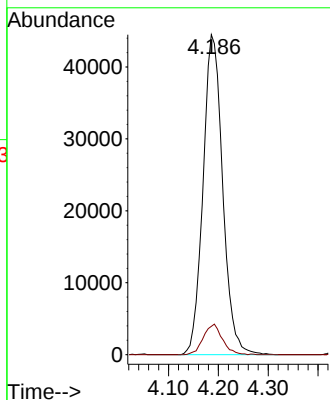
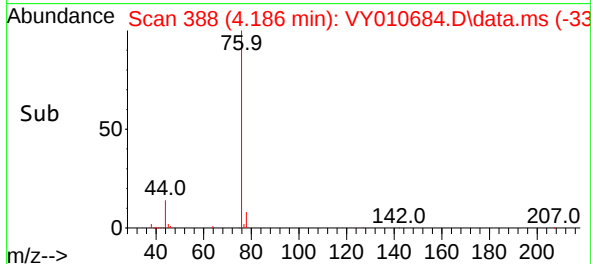
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 121836
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

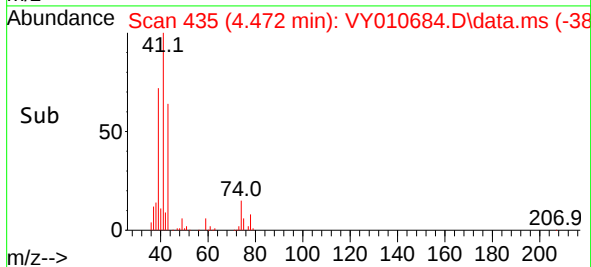
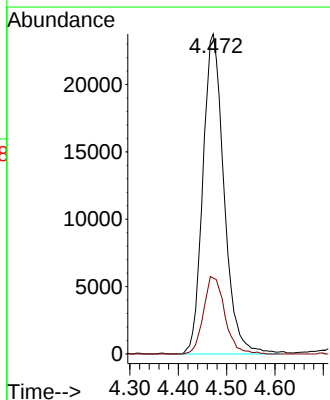
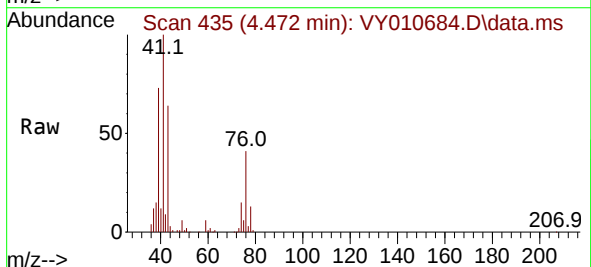
Manual Integrations
APPROVED

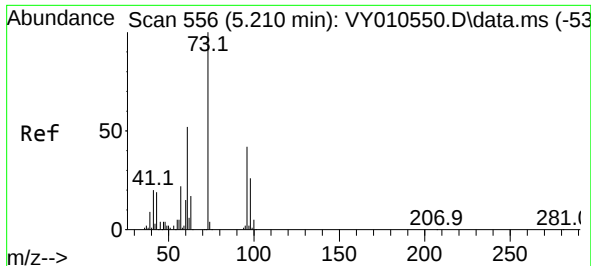
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#18
Methyl Acetate
Concen: 61.302 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

Tgt Ion: 43 Resp: 72115
Ion Ratio Lower Upper
43 100
74 24.4 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 53.498 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY010684.D

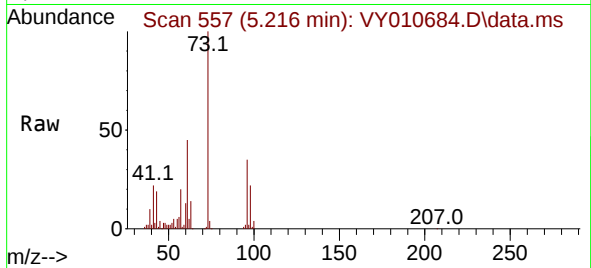
Acq: 26 Sep 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 73 Resp: 253020

Ion Ratio Lower Upper

73 100

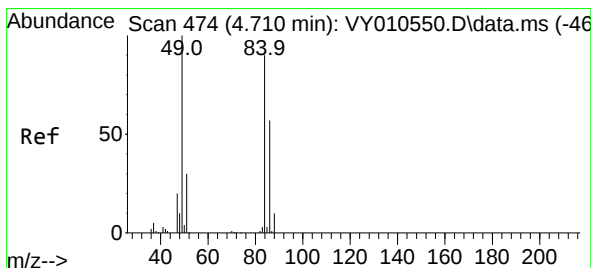
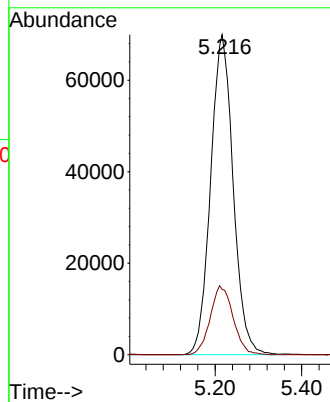
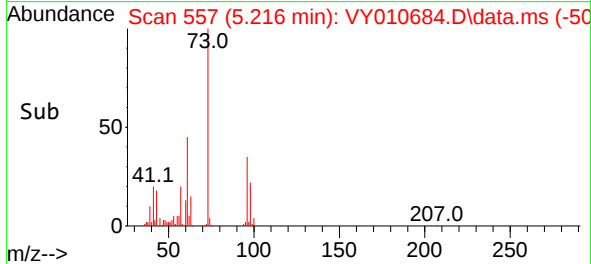
57 20.5 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#20

Methylene Chloride

Concen: 45.658 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Tgt Ion: 84 Resp: 104179

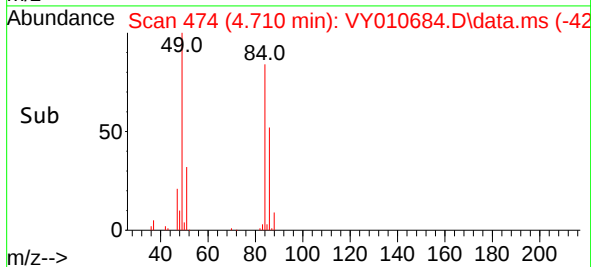
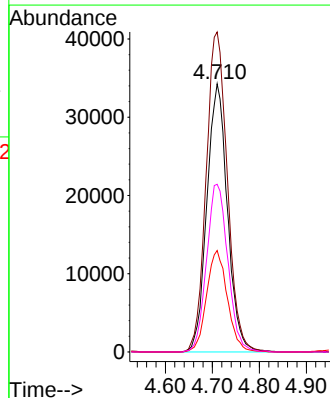
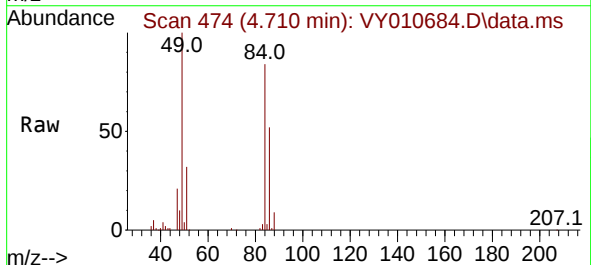
Ion Ratio Lower Upper

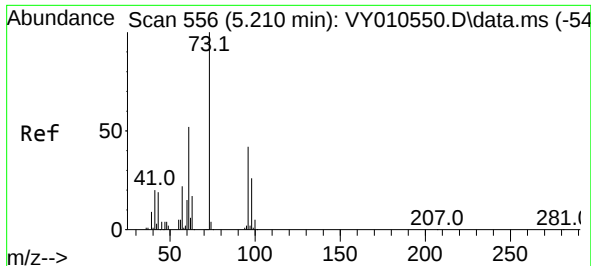
84 100

49 119.3 114.4 171.6

51 37.8 35.3 52.9

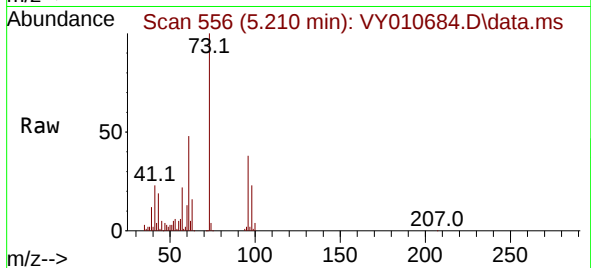
86 62.5 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 45.025 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

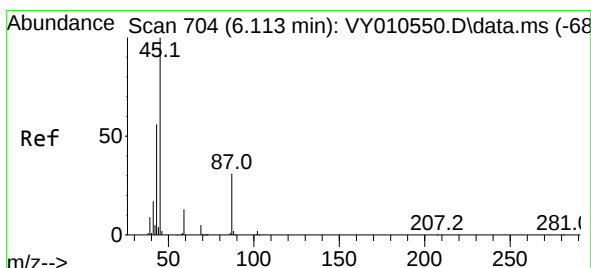
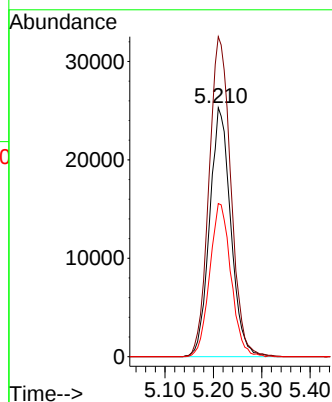
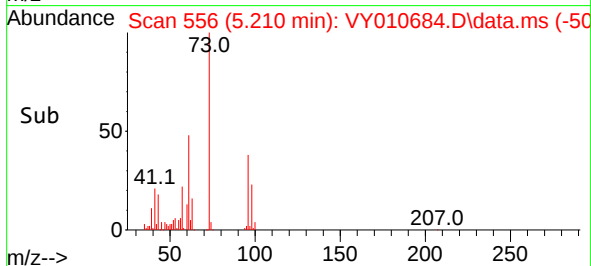
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



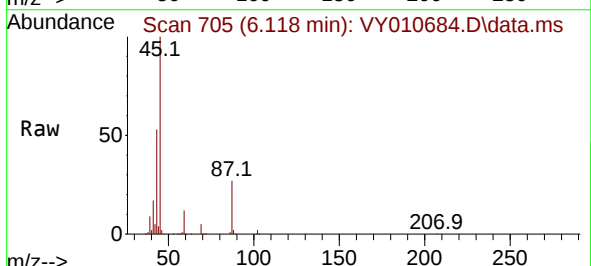
Tgt Ion: 96 Resp: 76862
Ion Ratio Lower Upper
96 100
61 128.5 120.5 180.7
98 61.5 49.8 74.8

Manual Integrations
APPROVED

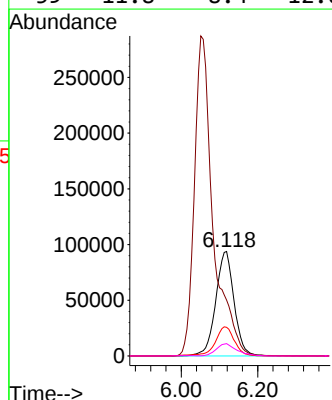
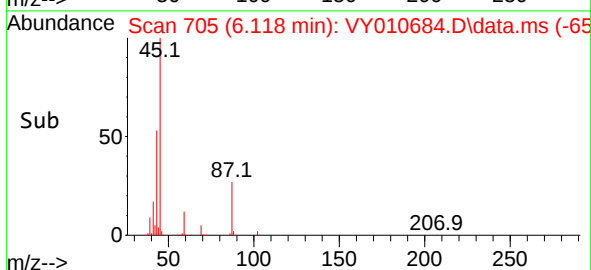
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

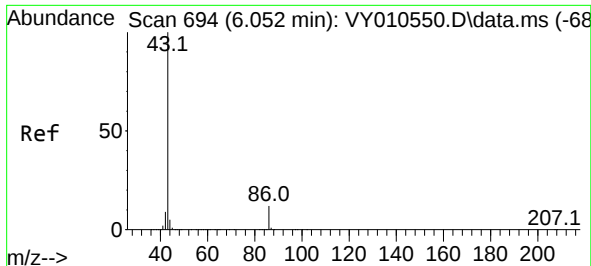


#22
Diisopropyl ether
Concen: 57.873 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.005 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14



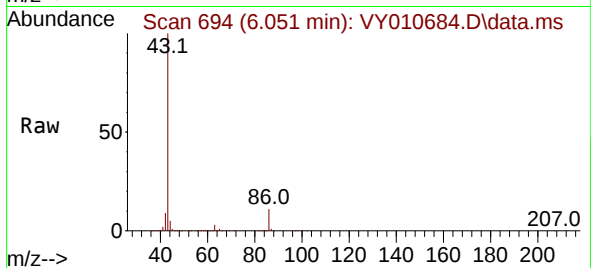
Tgt Ion: 45 Resp: 312438
Ion Ratio Lower Upper
45 100
43 53.2 49.3 73.9
87 27.3 19.2 28.8
59 11.8 8.4 12.6





#23
 Vinyl Acetate
 Concen: 304.721 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.001 min
 Lab File: VY010684.D
 Acq: 26 Sep 2022 20:14

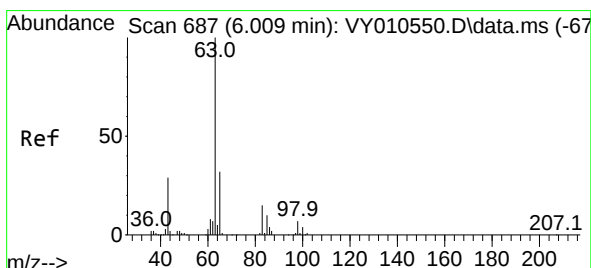
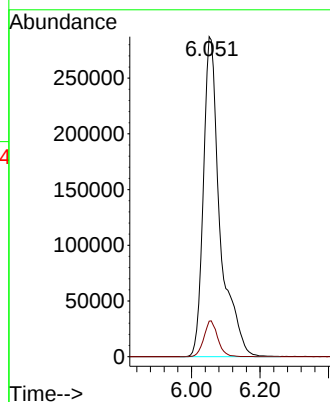
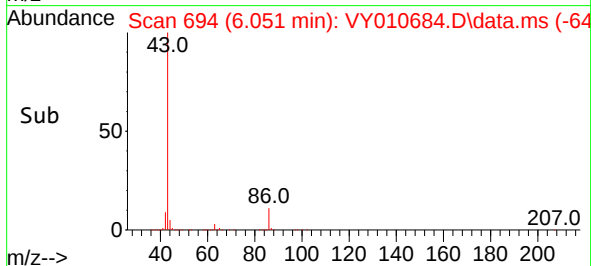
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



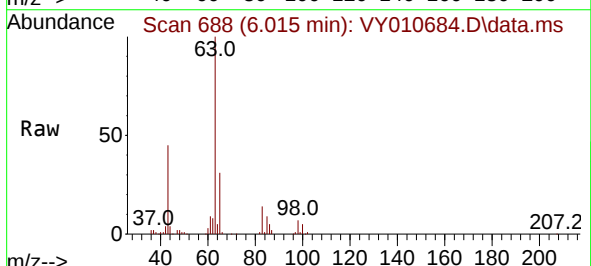
Tgt Ion: 43 Resp: 971824
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7

Manual Integrations
 APPROVED

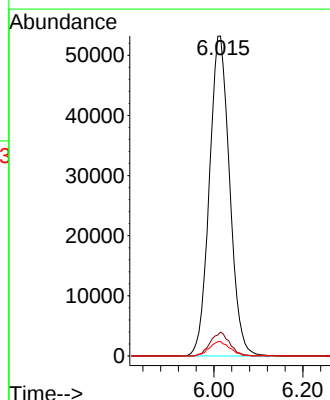
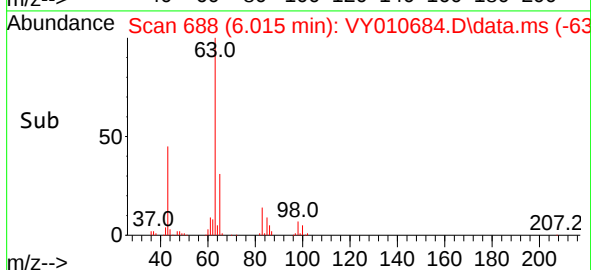
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

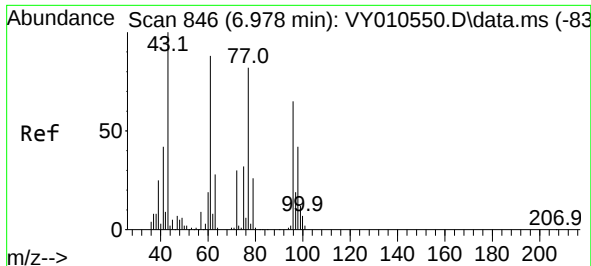


#24
 1,1-Dichloroethane
 Concen: 51.932 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY010684.D
 Acq: 26 Sep 2022 20:14



Tgt Ion: 63 Resp: 168269
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 304.521 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 199589

Ion Ratio Lower Upper

43 100

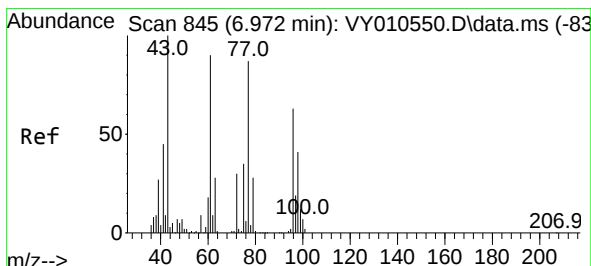
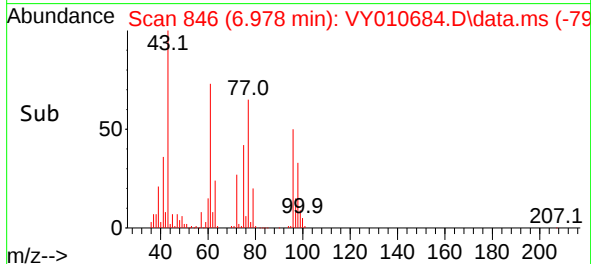
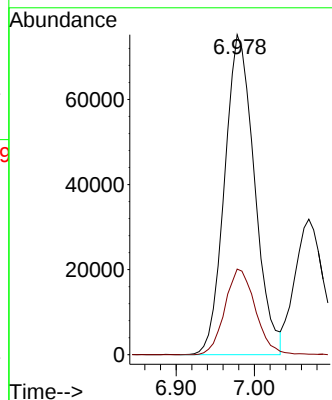
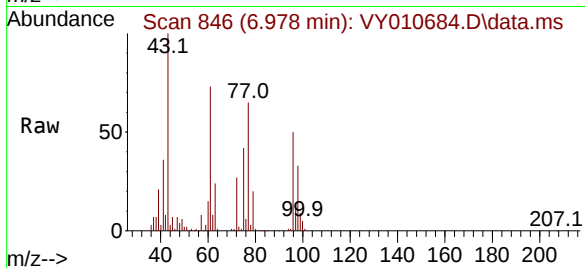
72 26.8 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#26

2,2-Dichloropropane

Concen: 47.580 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY010684.D

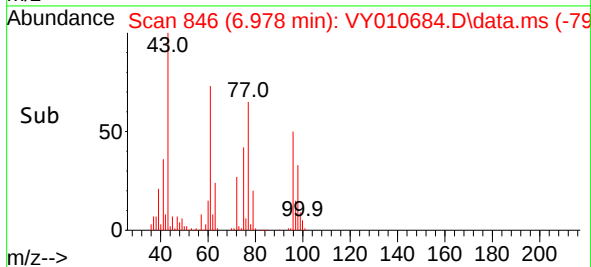
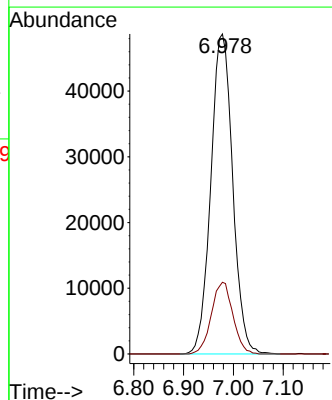
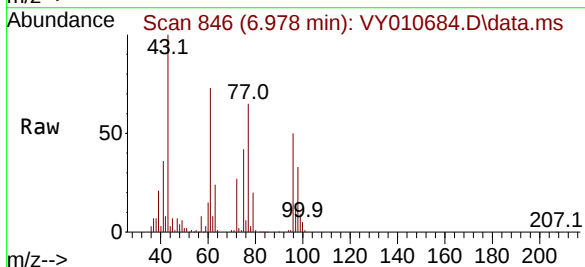
Acq: 26 Sep 2022 20:14

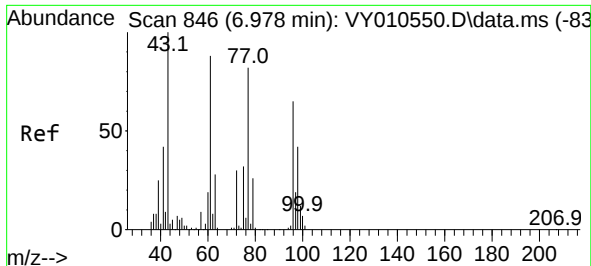
Tgt Ion: 77 Resp: 148249

Ion Ratio Lower Upper

77 100

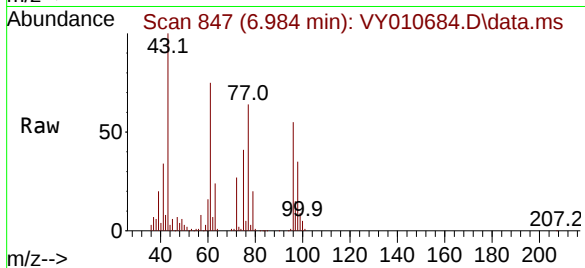
97 22.1 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 49.329 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY010684.D
 Acq: 26 Sep 2022 20:14

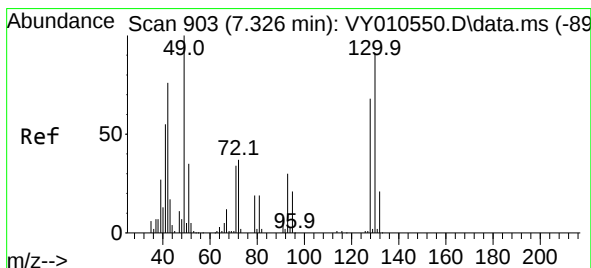
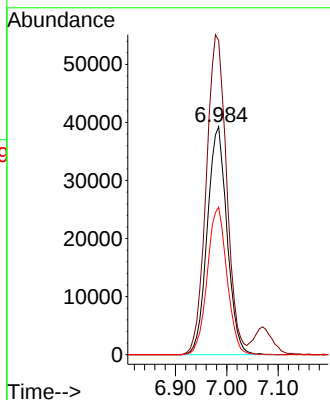
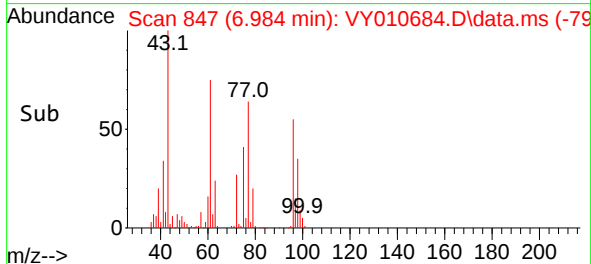
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 10491
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 319.8
 98 64.4 0.0 127.0

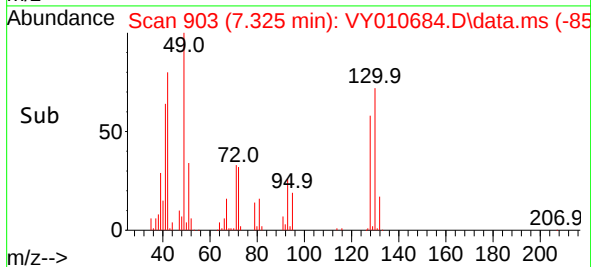
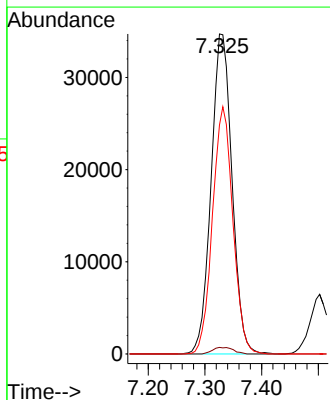
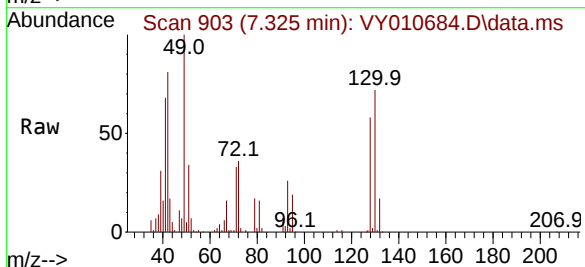
Manual Integrations
 APPROVED

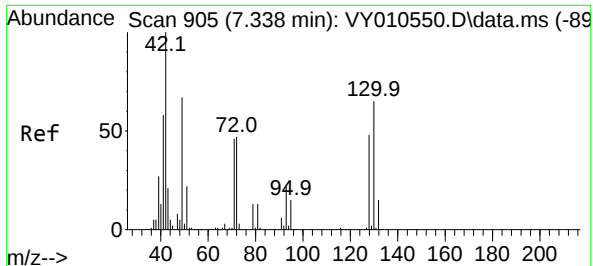
Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022



#28
 Bromochloromethane
 Concen: 57.645 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.001 min
 Lab File: VY010684.D
 Acq: 26 Sep 2022 20:14

Tgt Ion: 49 Resp: 88943
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.2
 130 75.3 55.4 83.0





#29

Tetrahydrofuran

Concen: 309.571 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

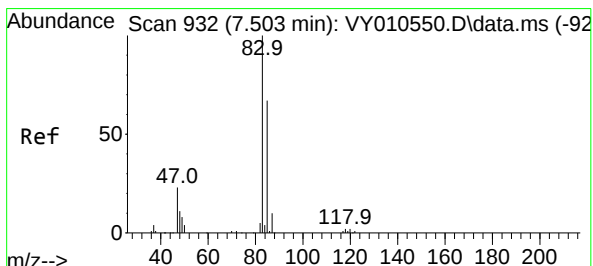
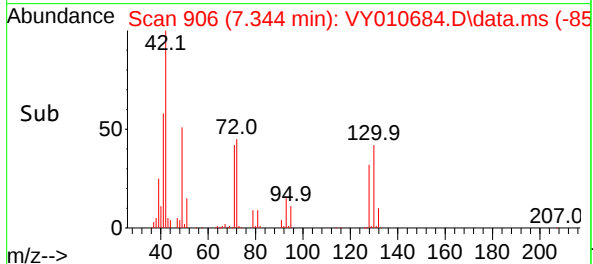
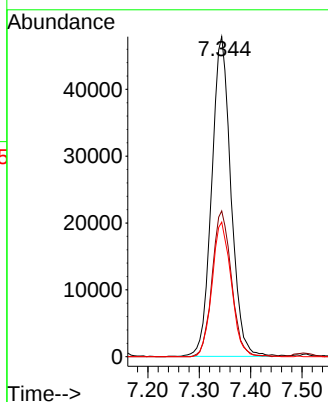
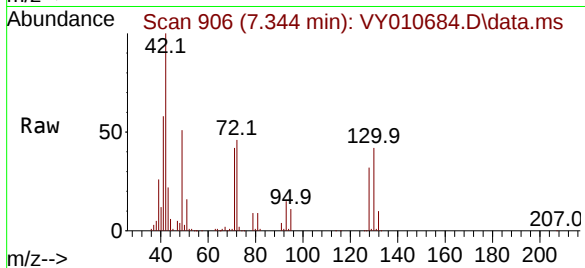
Tgt Ion:	42	Resp:	124620
Ion Ratio	Lower	Upper	
42	100		
72	45.6	30.3	45.5
71	42.1	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#30

Chloroform

Concen: 52.242 ug/l

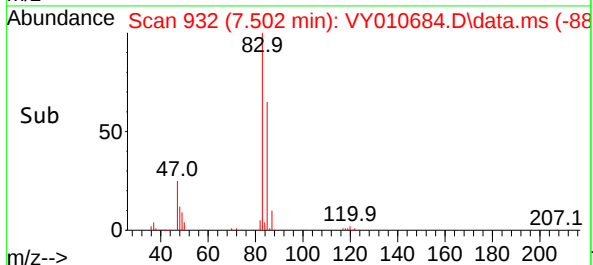
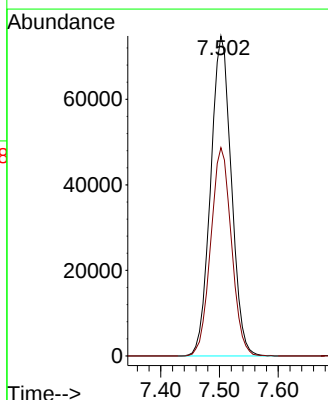
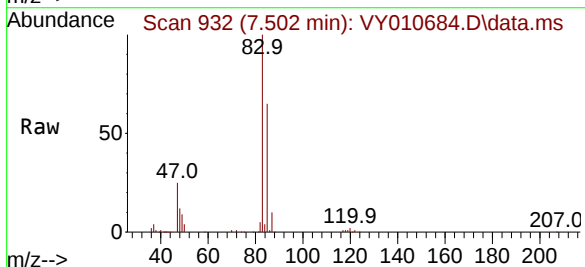
RT: 7.502 min Scan# 932

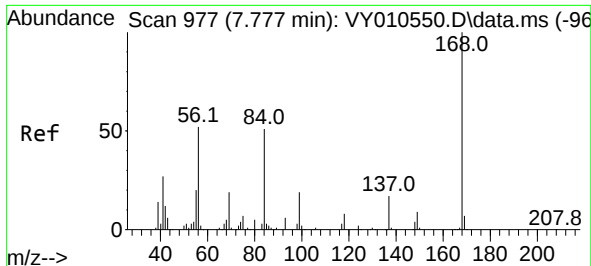
Delta R.T. -0.001 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

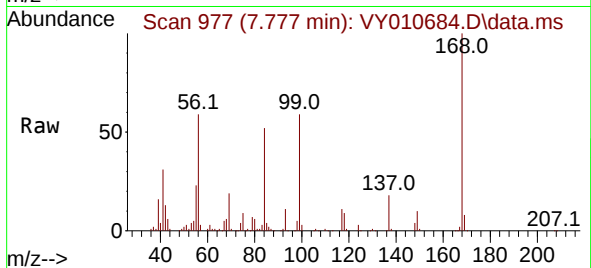
Tgt Ion:	83	Resp:	183135
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.8	77.6





#31
Cyclohexane
Concen: 47.992 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

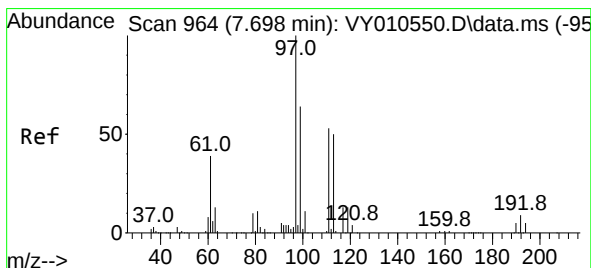
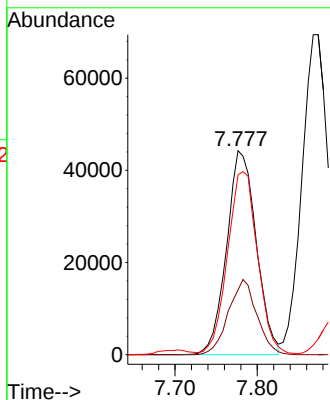
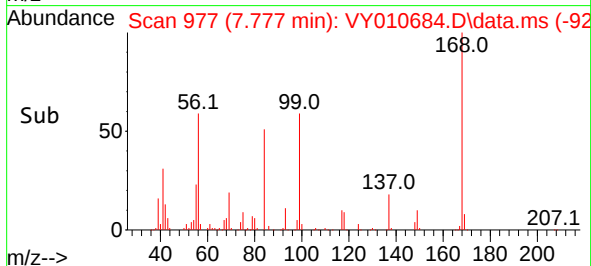
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



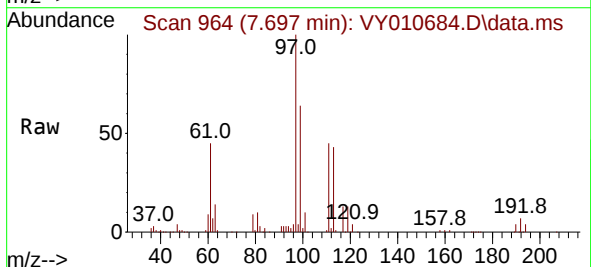
Tgt Ion: 56 Resp: 11110
Ion Ratio Lower Upper
56 100
69 31.8 26.7 40.1
84 85.8 67.2 100.8

Manual Integrations
APPROVED

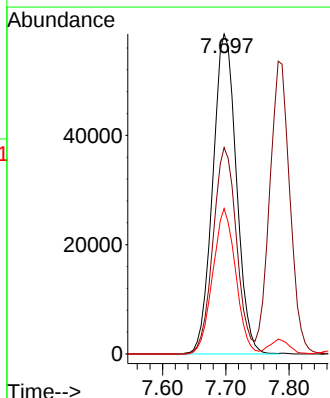
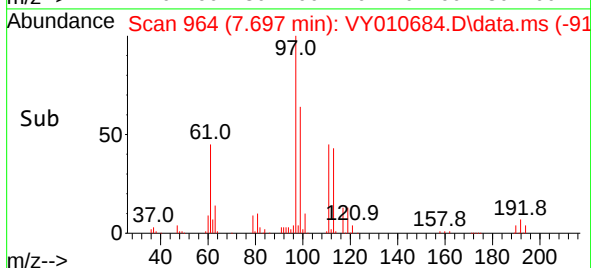
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

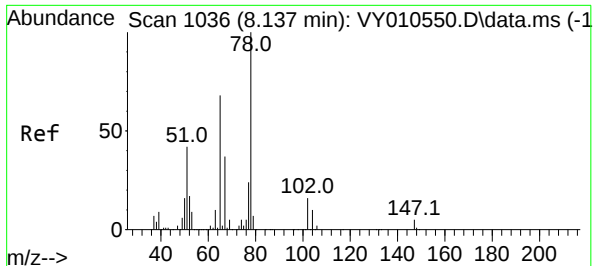


#32
1,1,1-Trichloroethane
Concen: 48.656 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14



Tgt Ion: 97 Resp: 151801
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 44.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 55.177 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 11337

Ion Ratio Lower Upper

65 100

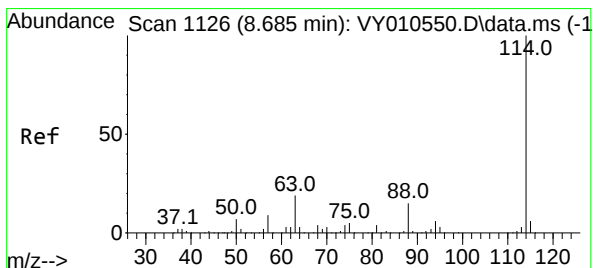
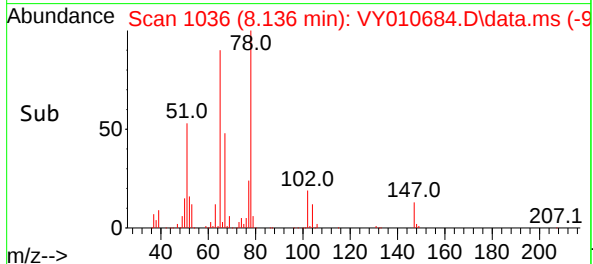
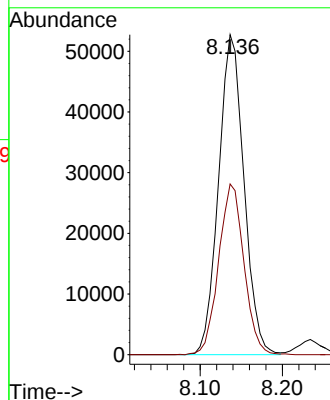
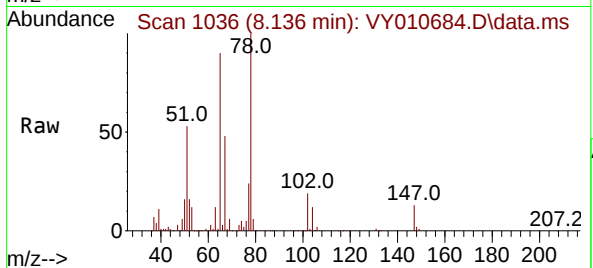
67 53.2 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

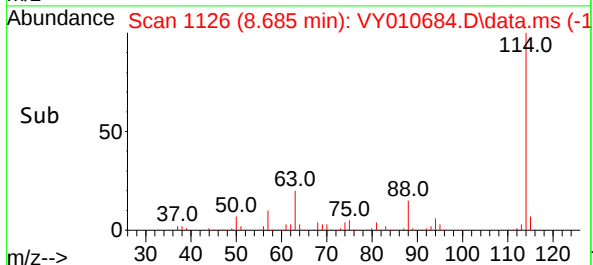
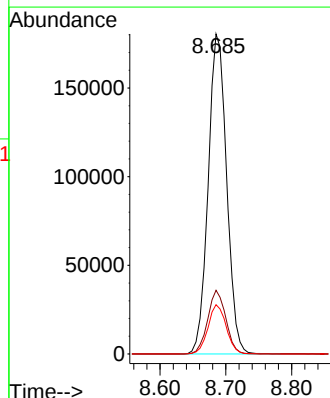
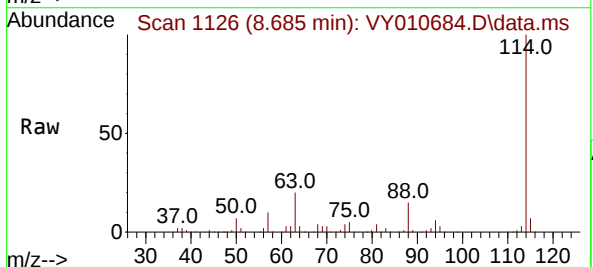
Tgt Ion:114 Resp: 352491

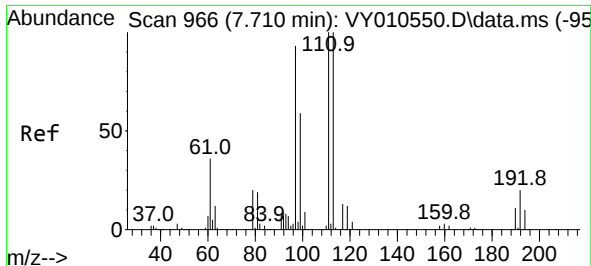
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

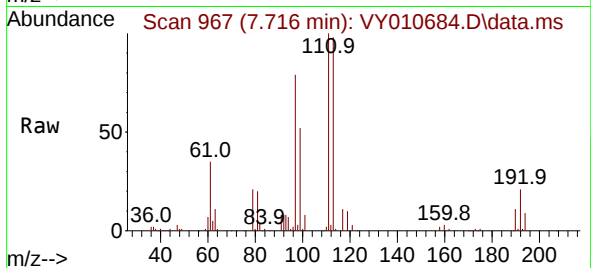
88 15.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 45.559 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

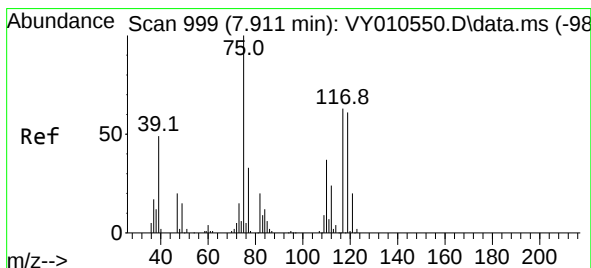
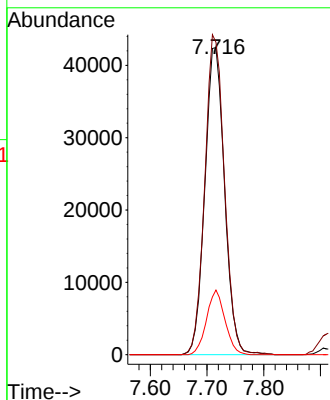
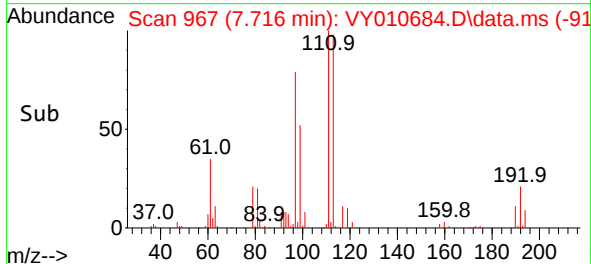
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 102490
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 19.7 17.6 26.4

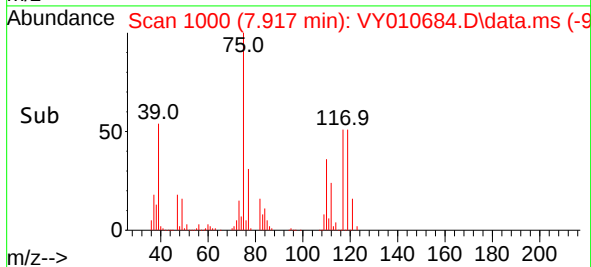
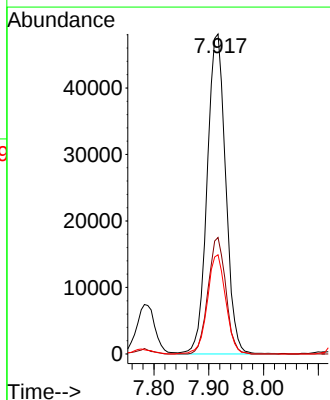
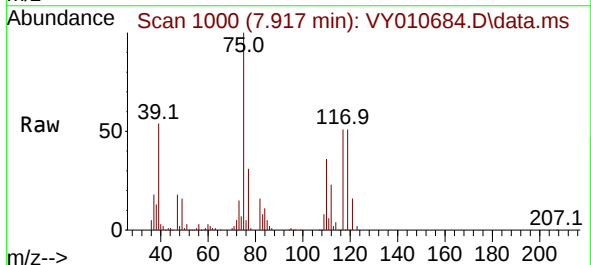
Manual Integrations
APPROVED

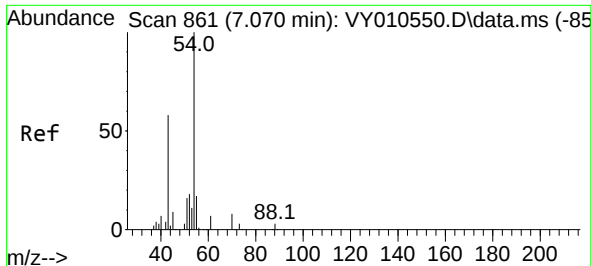
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#36
1,1-Dichloropropene
Concen: 44.866 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

Tgt Ion: 75 Resp: 112457
Ion Ratio Lower Upper
75 100
110 34.9 17.1 51.2
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 58.692 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 8497

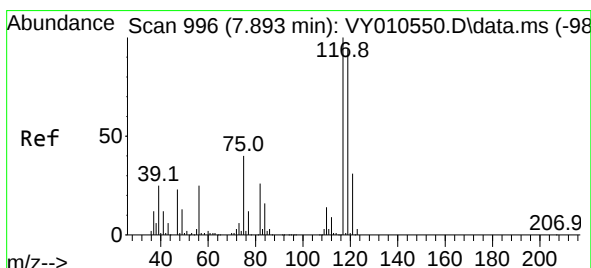
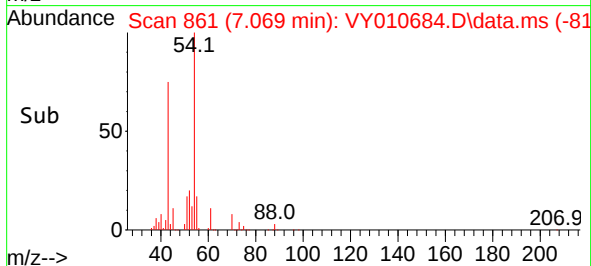
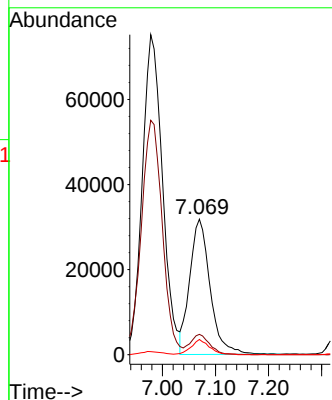
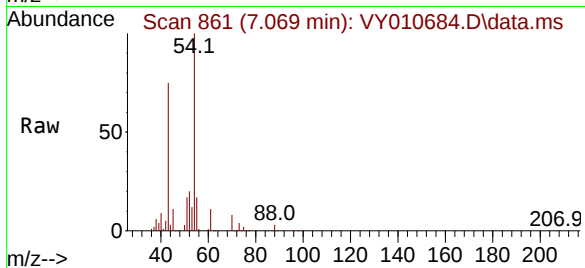
Ion	Ratio	Lower	Upper
43	100		
61	14.4	9.7	14.5
70	10.1	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#38

Carbon Tetrachloride

Concen: 45.400 ug/l

RT: 7.899 min Scan# 997

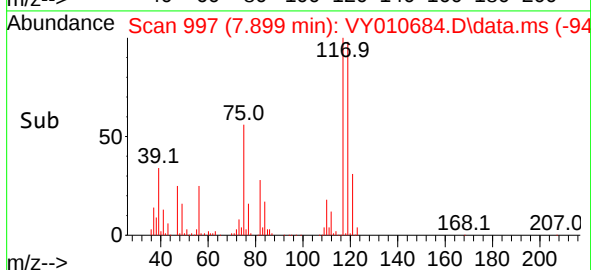
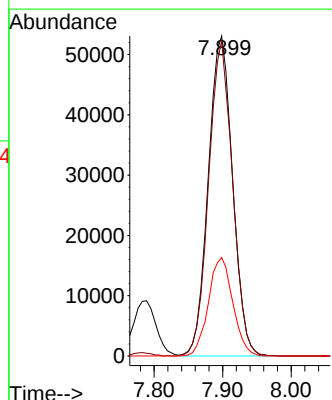
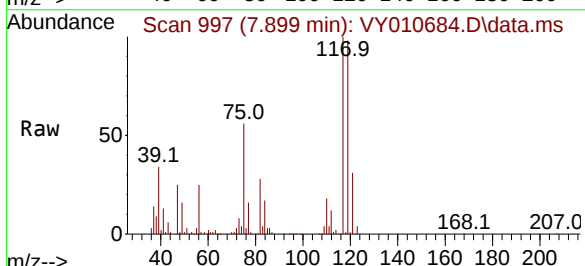
Delta R.T. 0.006 min

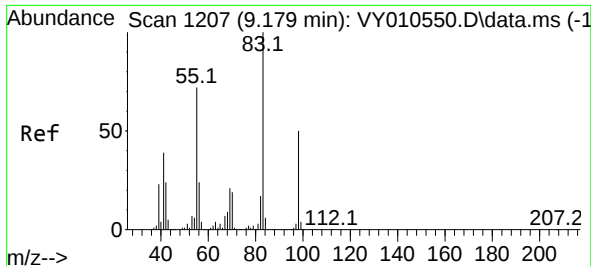
Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Tgt Ion:117 Resp: 130846

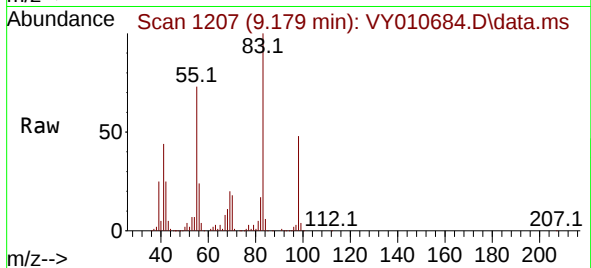
Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.9	116.9
121	30.8	24.8	37.2





#39
Methylcyclohexane
Concen: 40.370 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

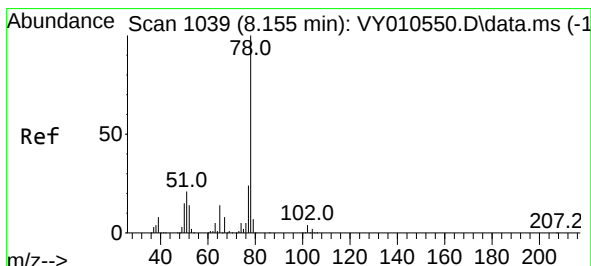
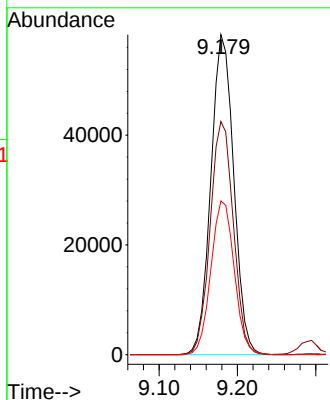
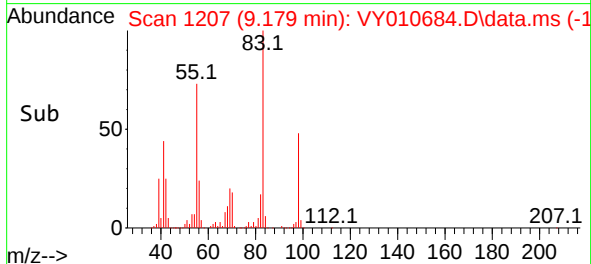
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11843
Ion Ratio Lower Upper
83 100
55 72.9 66.5 99.7
98 48.1 37.9 56.9

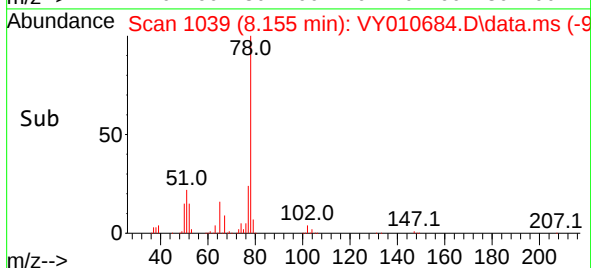
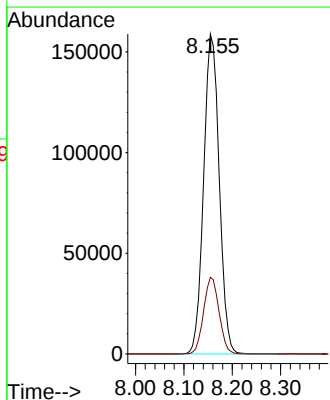
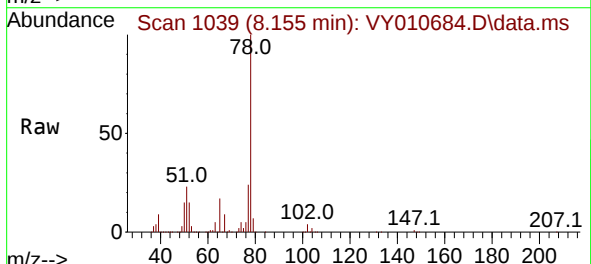
Manual Integrations
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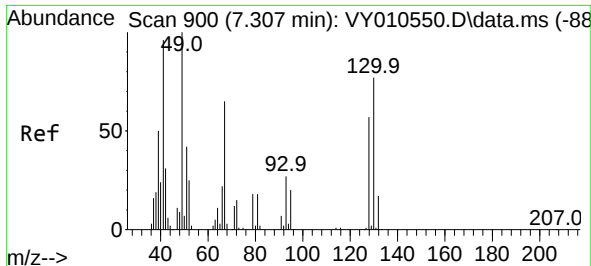
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#40
Benzene
Concen: 47.492 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

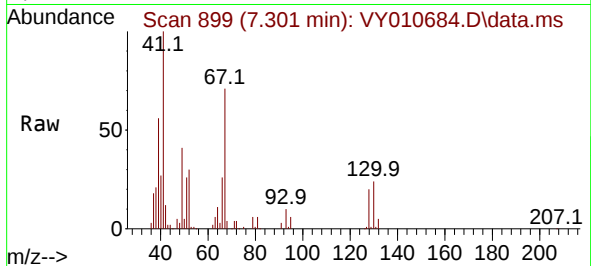
Tgt Ion: 78 Resp: 354875
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6





#41
Methacrylonitrile
Concen: 56.844 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

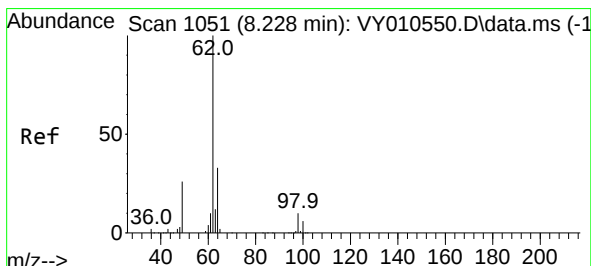
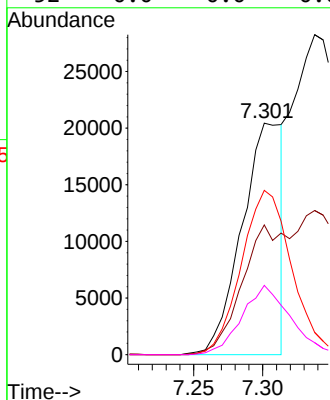
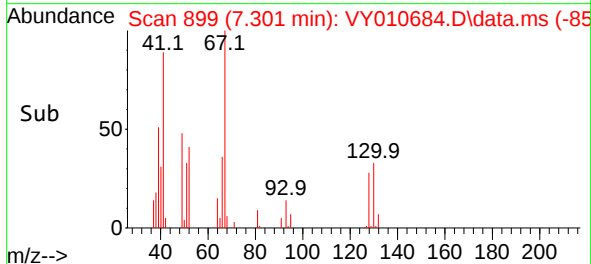
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 41970
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

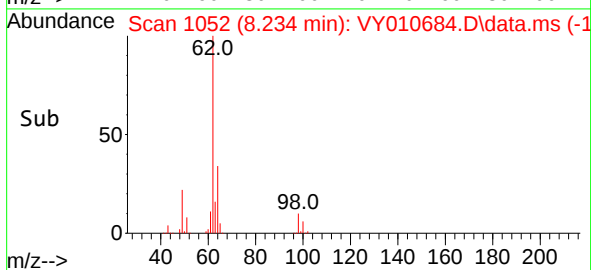
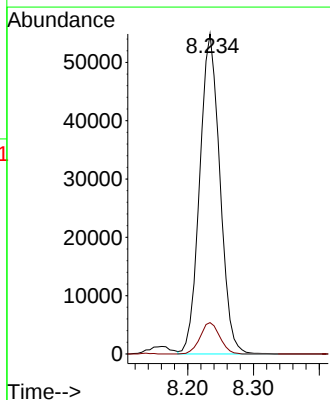
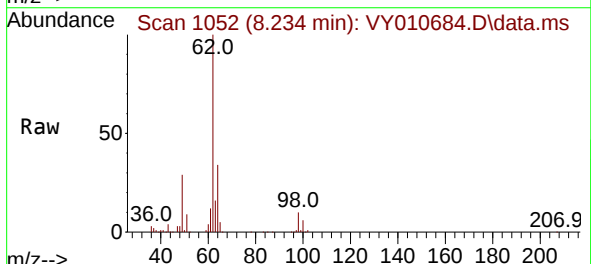
Manual Integrations
APPROVED

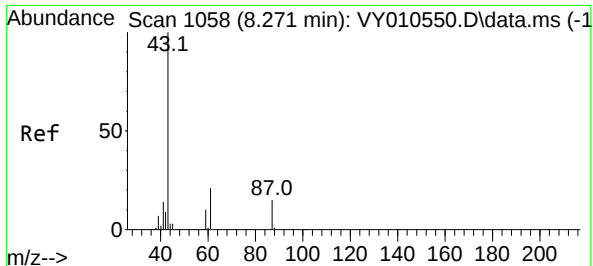
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#42
1,2-Dichloroethane
Concen: 50.964 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

Tgt Ion: 62 Resp: 117266
Ion Ratio Lower Upper
62 100
98 9.5 0.0 14.8





#43

Isopropyl Acetate

Concen: 57.993 ug/l

RT: 8.270 min Scan# 1058

Delta R.T. -0.001 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

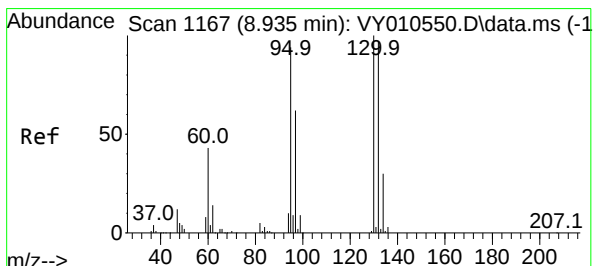
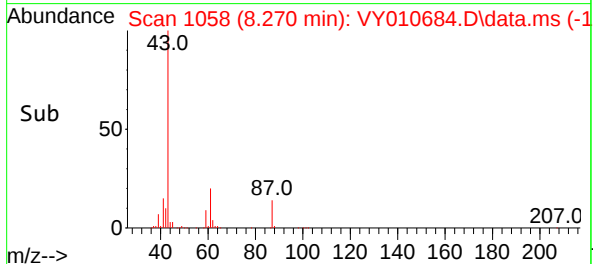
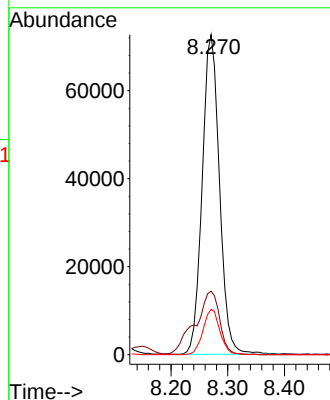
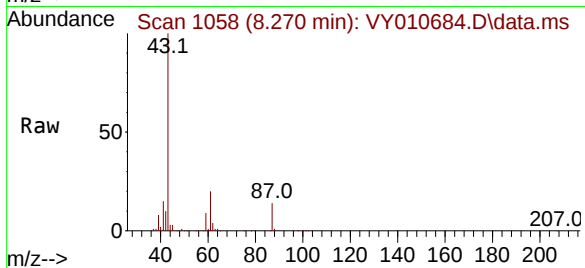
Tgt Ion:	43	Resp:	15390
Ion Ratio	Lower	Upper	
43	100		
61	28.2	20.2	30.2
87	13.9	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#44

Trichloroethene

Concen: 44.248 ug/l

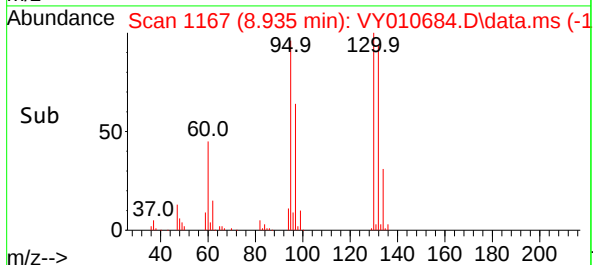
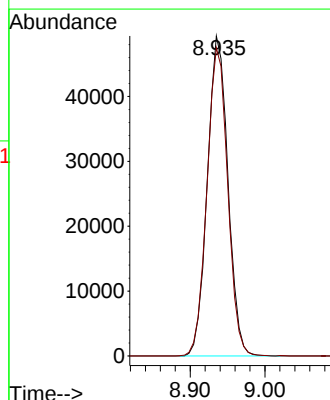
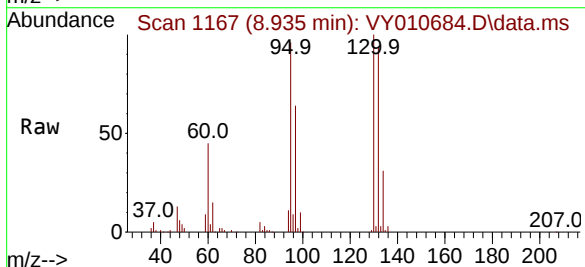
RT: 8.935 min Scan# 1167

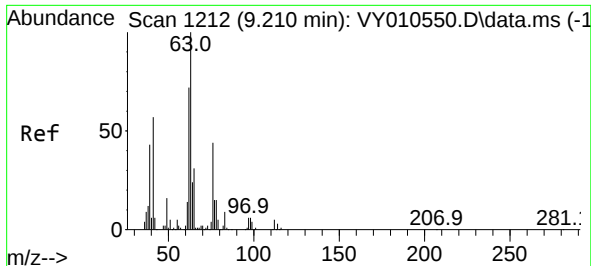
Delta R.T. -0.000 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Tgt Ion:	130	Resp:	94650
Ion Ratio	Lower	Upper	
130	100		
95	96.2	0.0	188.2





#45

1,2-Dichloropropane

Concen: 52.672 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.001 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 10181

Ion Ratio Lower Upper

63 100

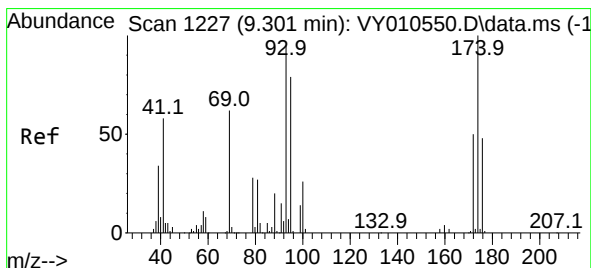
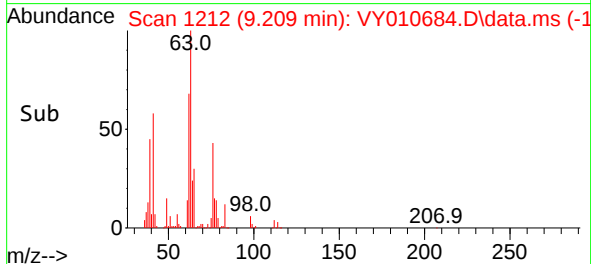
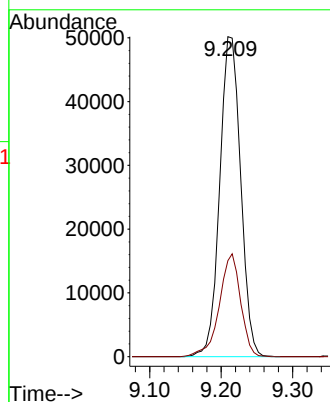
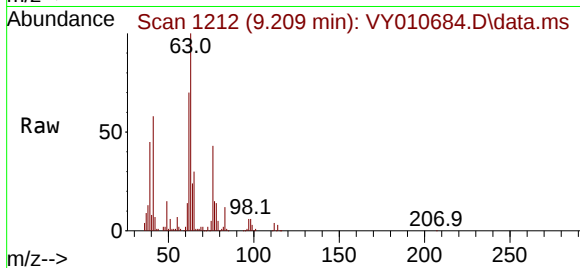
65 30.0 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#46

Dibromomethane

Concen: 50.457 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

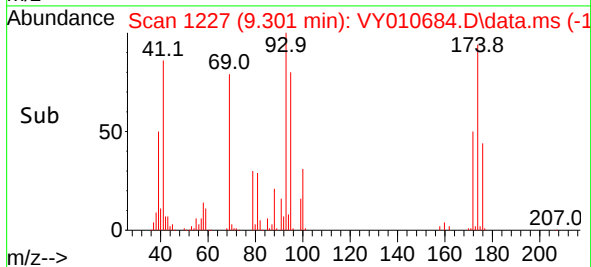
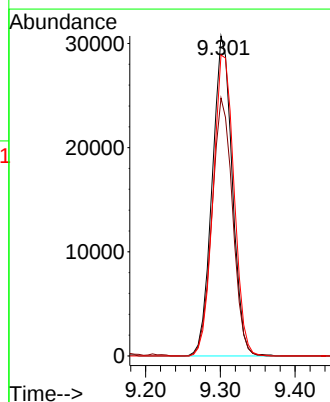
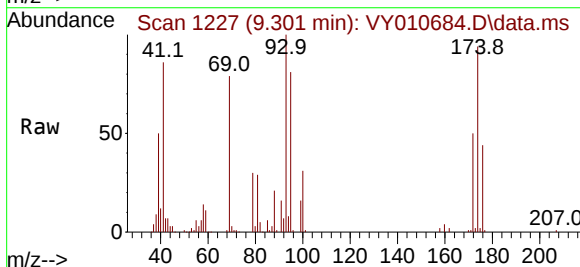
Tgt Ion: 93 Resp: 57278

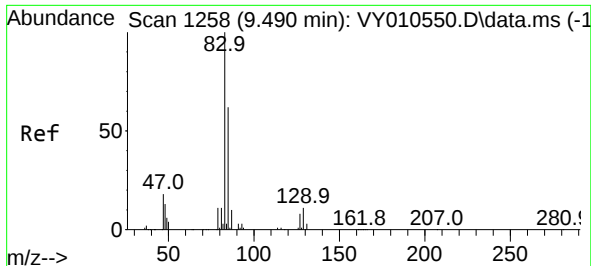
Ion Ratio Lower Upper

93 100

95 82.8 64.3 96.5

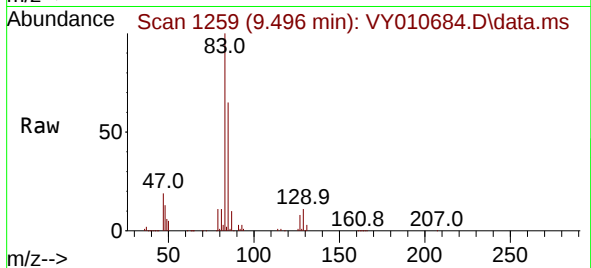
174 97.9 83.4 125.0





#47
Bromodichloromethane
Concen: 52.853 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

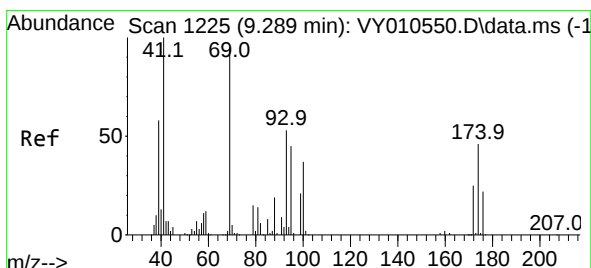
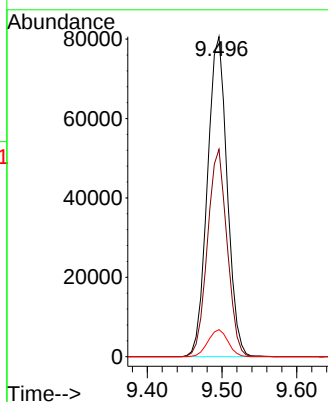
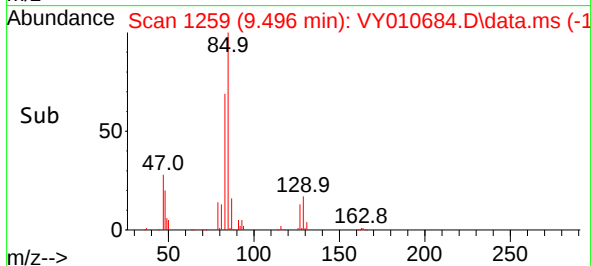
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 14814
Ion Ratio Lower Upper
83 100
85 64.8 51.9 77.9
127 8.4 6.6 10.0

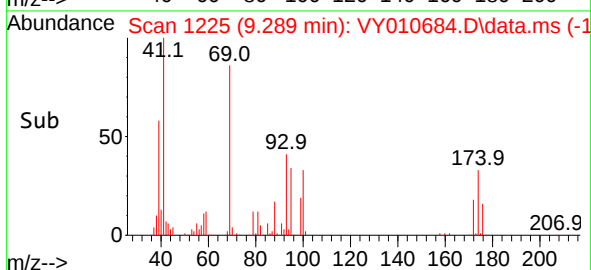
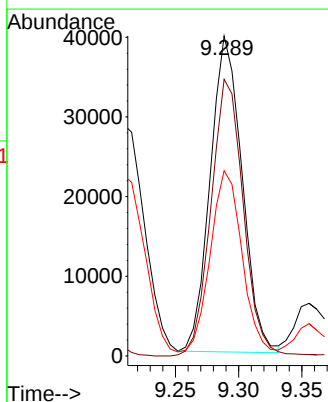
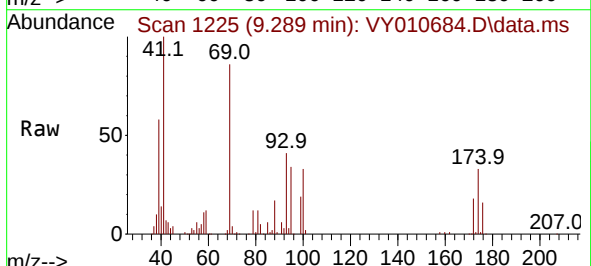
Manual Integrations
APPROVED

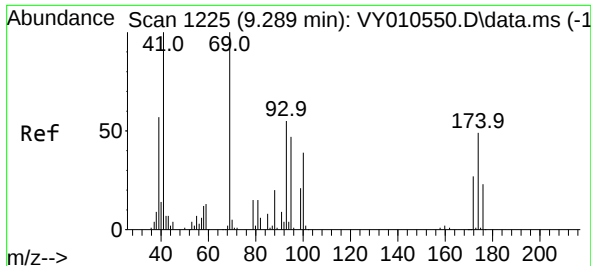
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#48
Methyl methacrylate
Concen: 59.248 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

Tgt Ion: 41 Resp: 69409
Ion Ratio Lower Upper
41 100
69 89.4 58.2 87.2#
39 59.4 47.4 71.0





#49

1,4-Dioxane

Concen: 1097.837 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

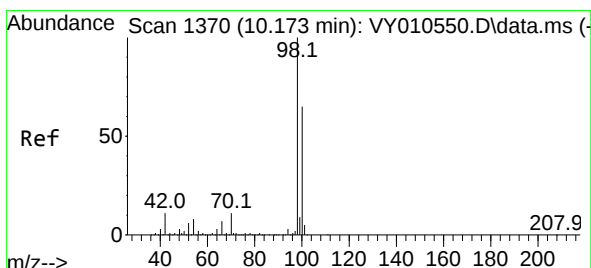
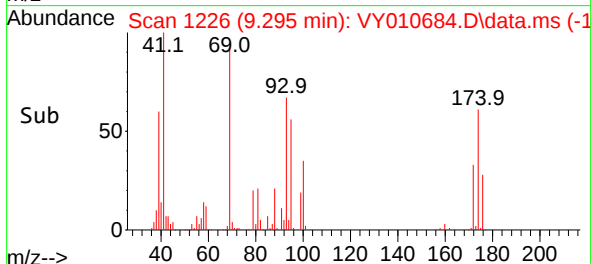
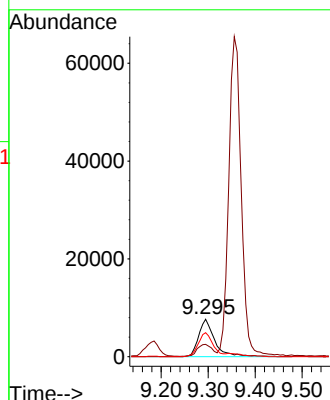
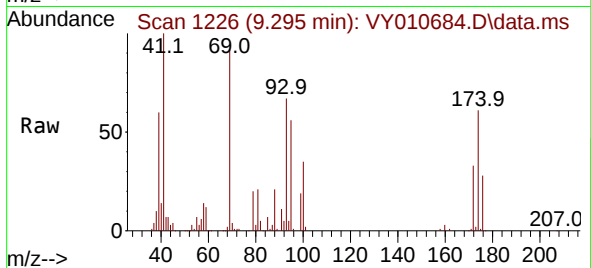
Tgt Ion:	88	Resp:	18320
Ion Ratio	Lower	Upper	
88	100		
43	30.0	32.8	49.2
58	57.4	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#50

Toluene-d8

Concen: 48.301 ug/l

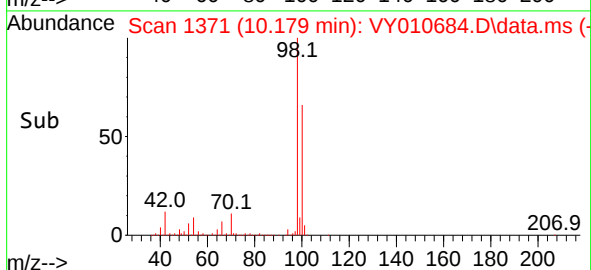
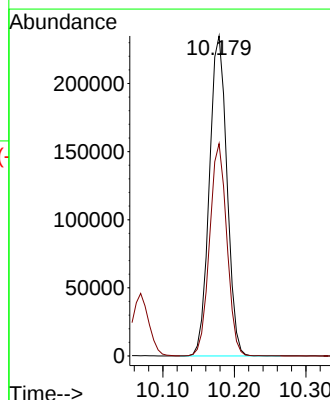
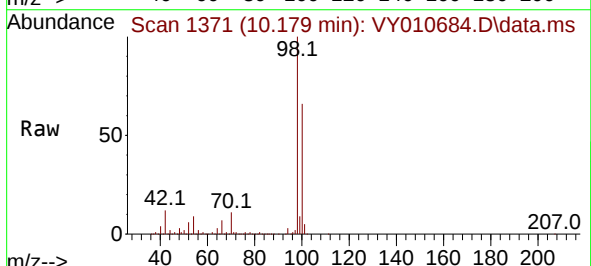
RT: 10.179 min Scan# 1371

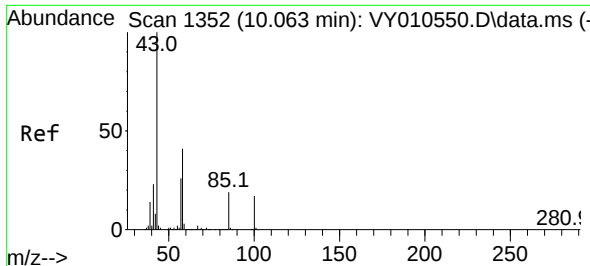
Delta R.T. 0.006 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

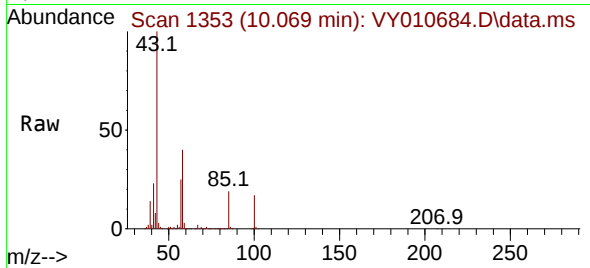
Tgt Ion:	98	Resp:	400631
Ion Ratio	Lower	Upper	
98	100		
100	65.1	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 312.473 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

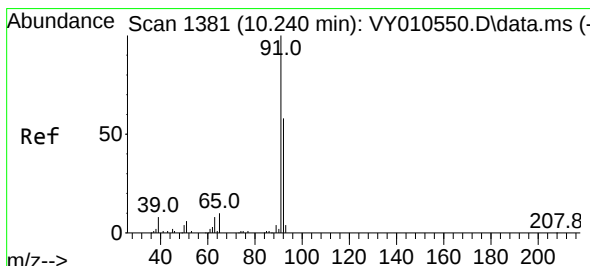
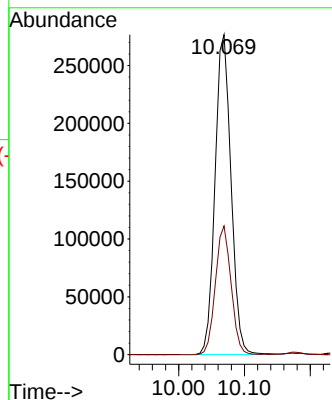
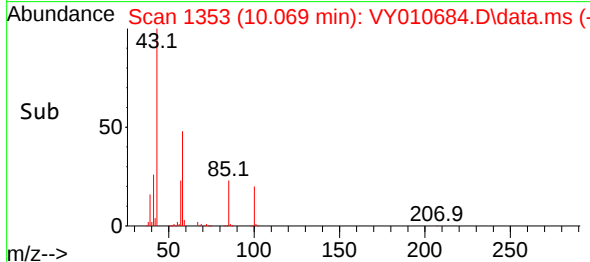
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 468178
Ion Ratio Lower Upper
43 100
58 39.6 28.1 42.1

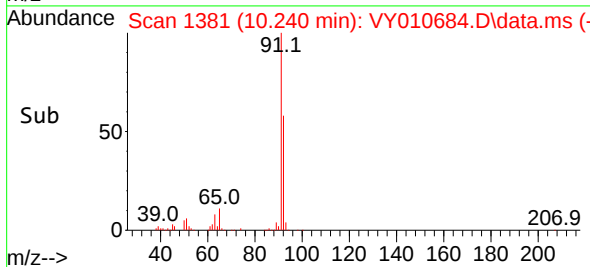
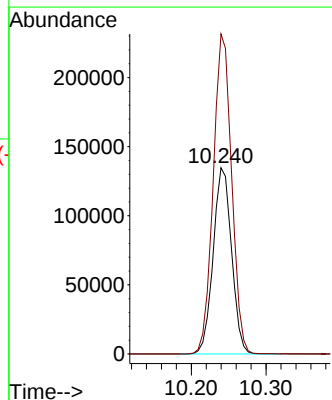
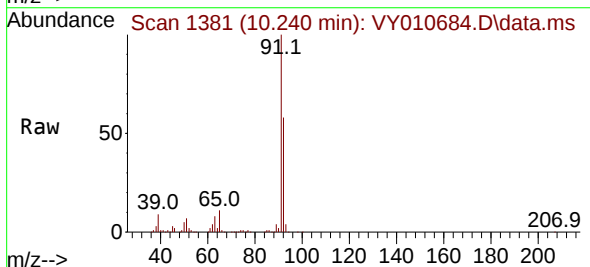
Manual Integrations
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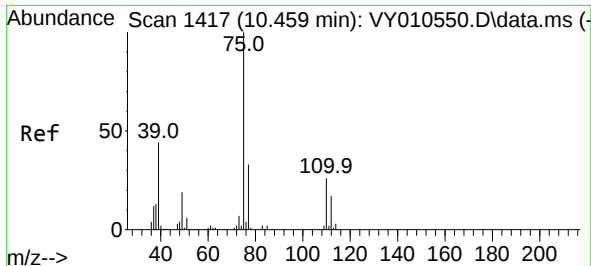
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#52
Toluene
Concen: 47.166 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

Tgt Ion: 92 Resp: 230602
Ion Ratio Lower Upper
92 100
91 172.3 142.6 213.8





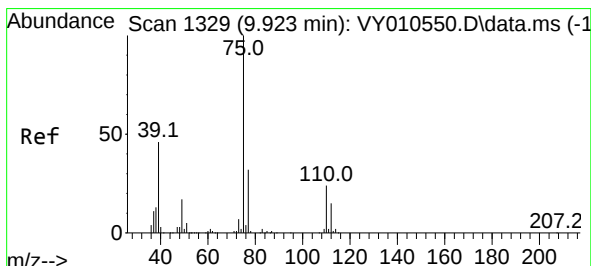
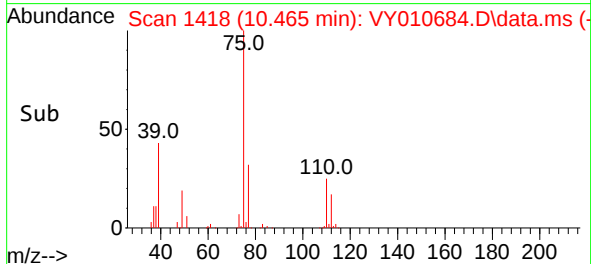
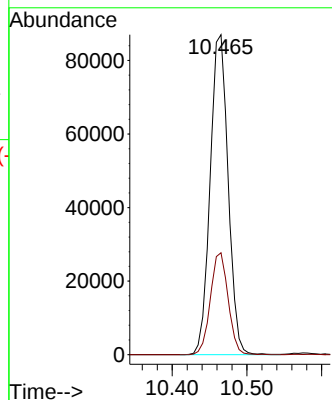
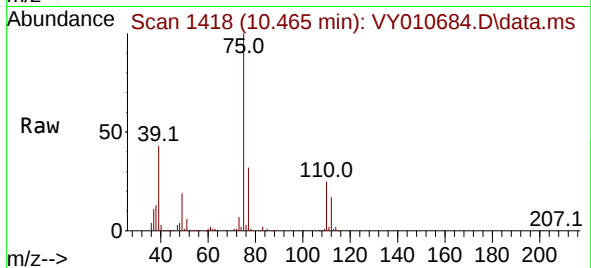
#53
t-1,3-Dichloropropene
Concen: 51.393 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 14565
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

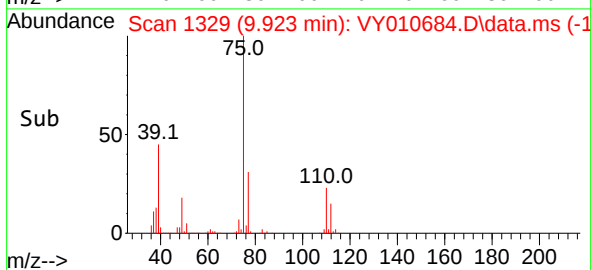
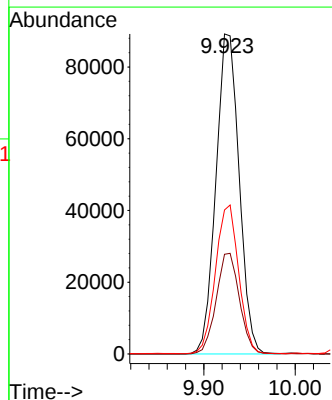
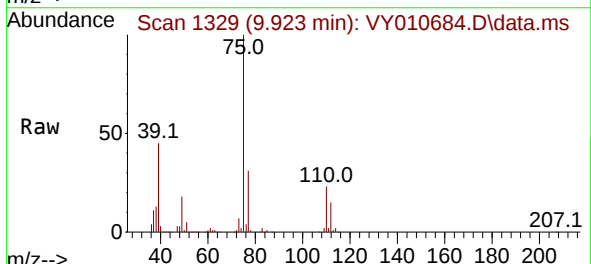
Manual Integrations
APPROVED

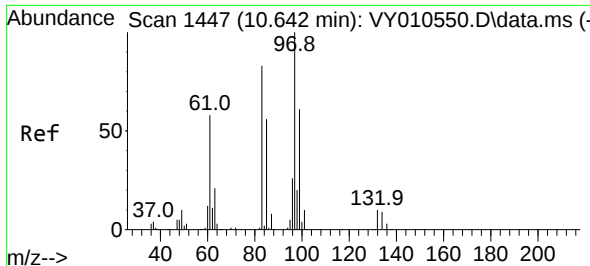
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#54
cis-1,3-Dichloropropene
Concen: 49.929 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

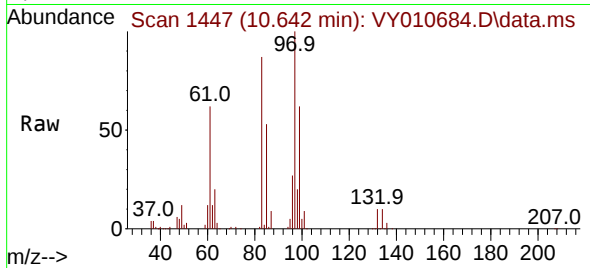
Tgt Ion: 75 Resp: 157767
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4
39 44.9 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 52.890 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

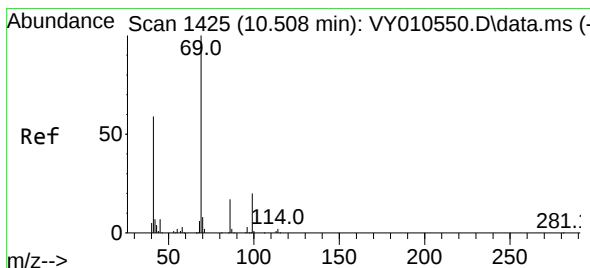
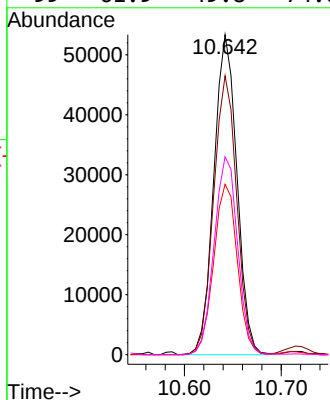
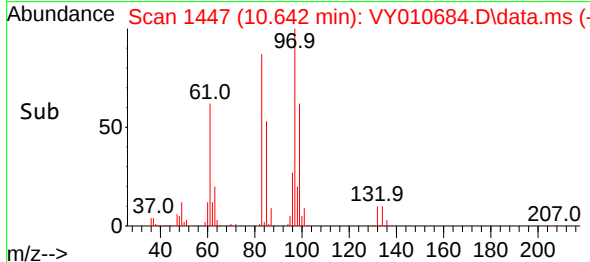
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	8831
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.8	104.8
85	53.3	44.3	66.5
99	61.9	49.8	74.6

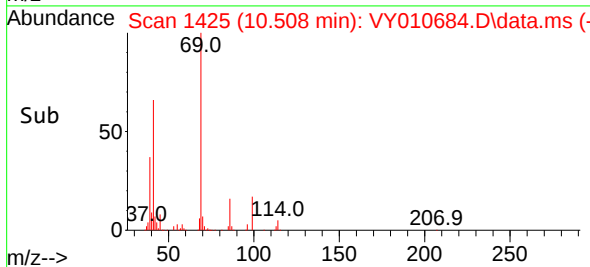
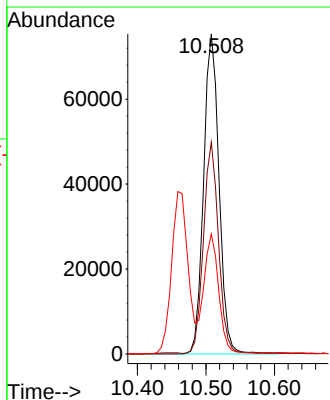
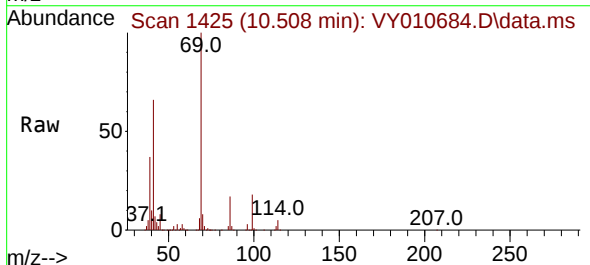
Manual Integrations
APPROVED

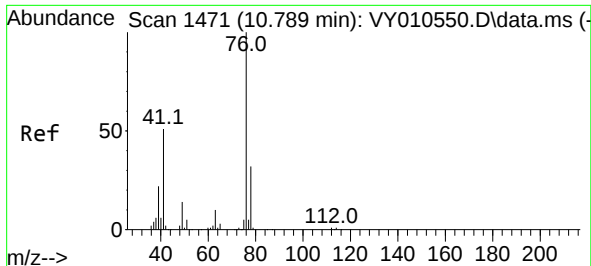
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#56
Ethyl methacrylate
Concen: 54.695 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

Tgt Ion:	69	Resp:	118312
Ion	Ratio	Lower	Upper
69	100		
41	64.1	63.4	95.0
39	36.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 52.616 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 14552

Ion Ratio Lower Upper

76 100

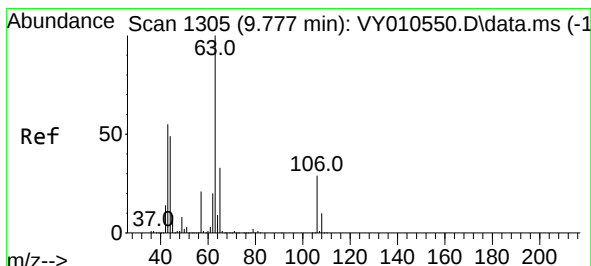
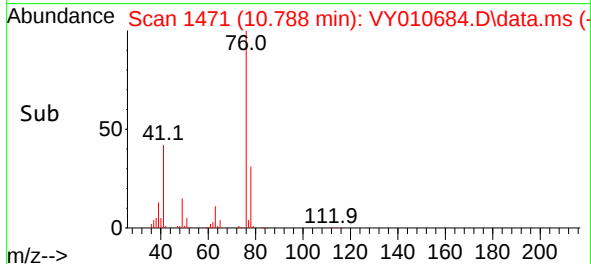
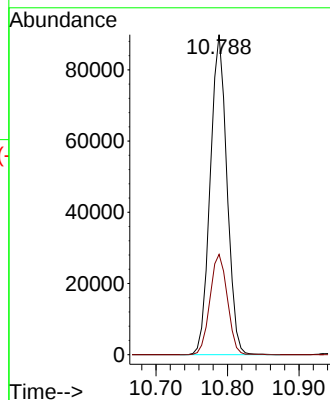
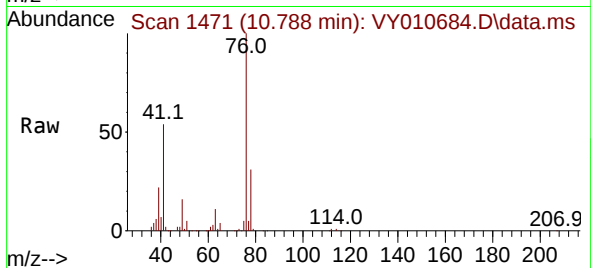
78 32.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#58

2-Chloroethyl Vinyl ether

Concen: 286.895 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.005 min

Lab File: VY010684.D

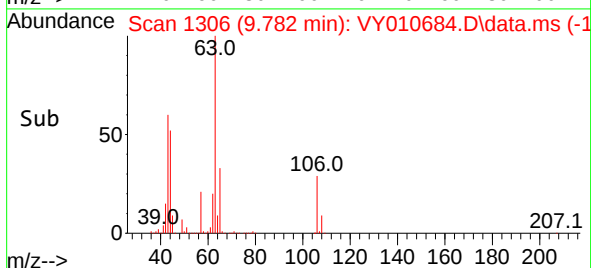
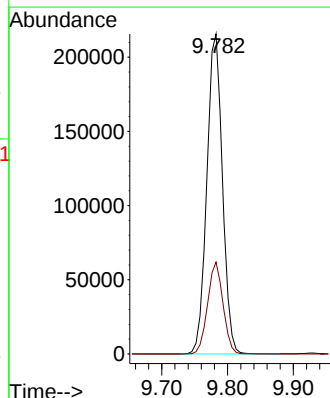
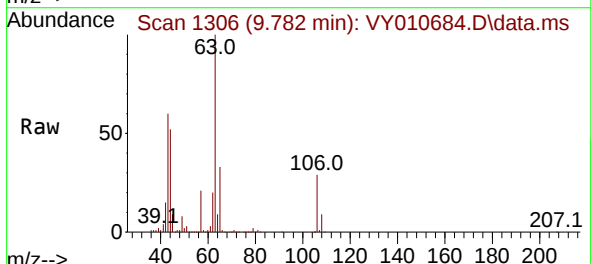
Acq: 26 Sep 2022 20:14

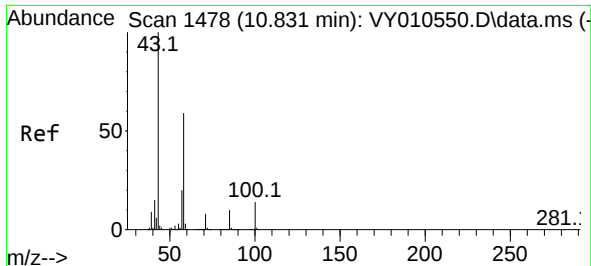
Tgt Ion: 63 Resp: 355353

Ion Ratio Lower Upper

63 100

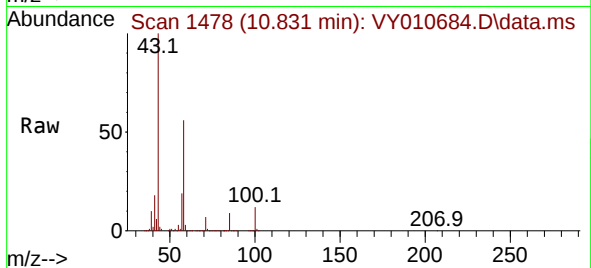
106 28.3 21.5 32.3





#59
2-Hexanone
Concen: 314.953 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

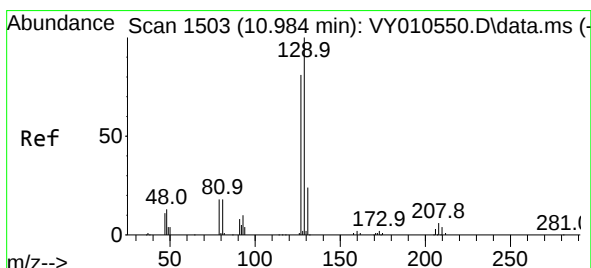
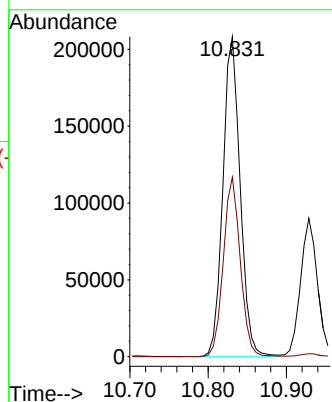
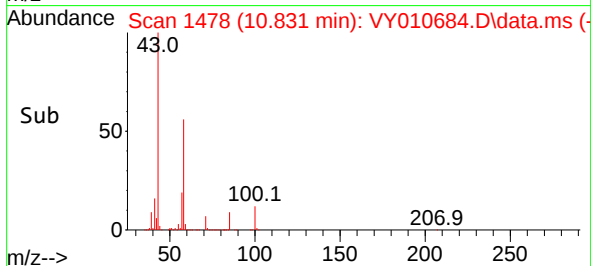
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



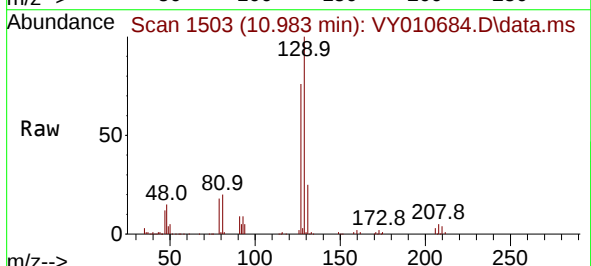
Tgt Ion: 43 Resp: 319849
Ion Ratio Lower Upper
43 100
58 55.1 24.4 73.4

Manual Integrations
APPROVED

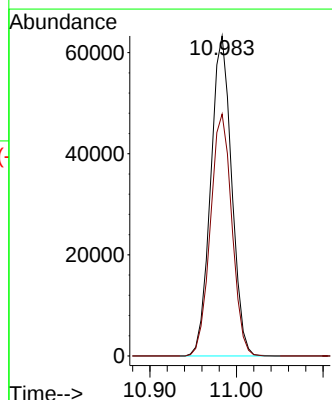
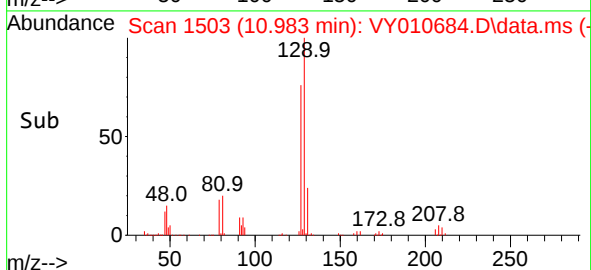
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

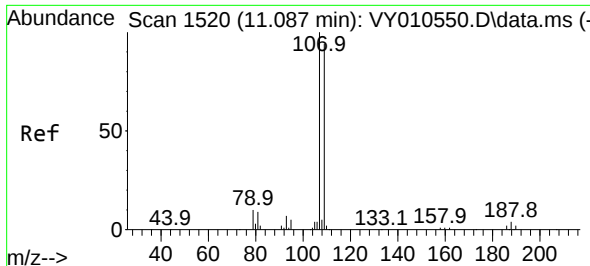


#60
Dibromochloromethane
Concen: 52.051 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14



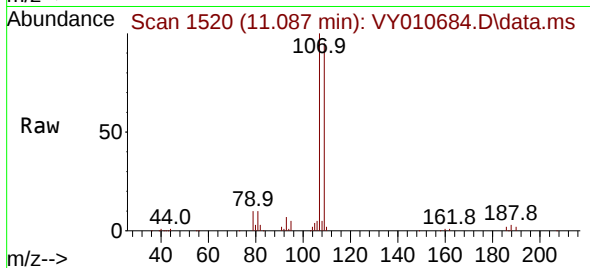
Tgt Ion:129 Resp: 106360
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





#61
1,2-Dibromoethane
Concen: 50.409 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

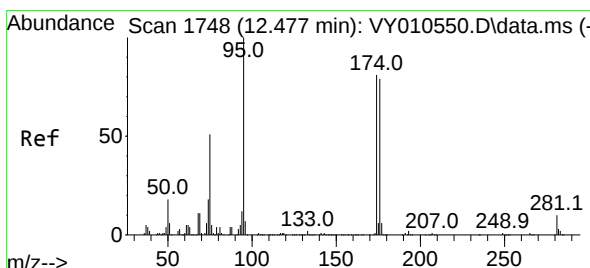
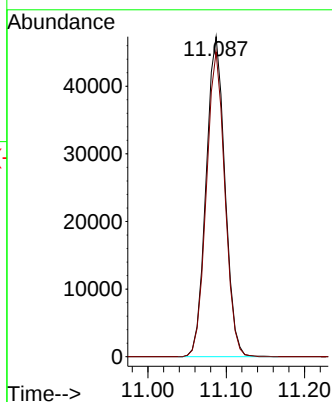
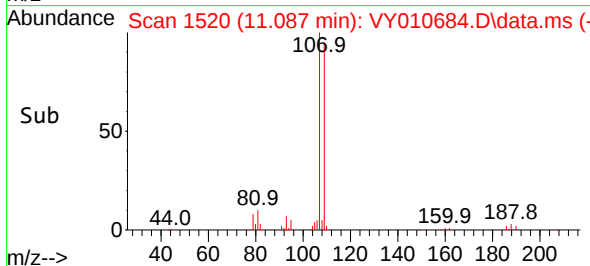
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



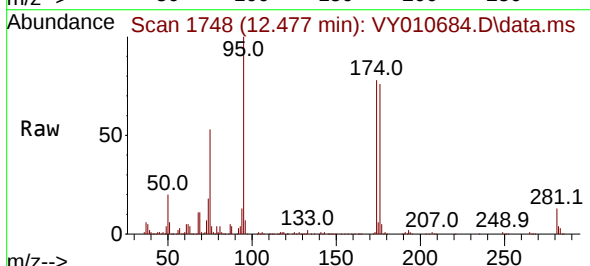
Tgt Ion:107 Resp: 78800
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2

Manual Integrations
APPROVED

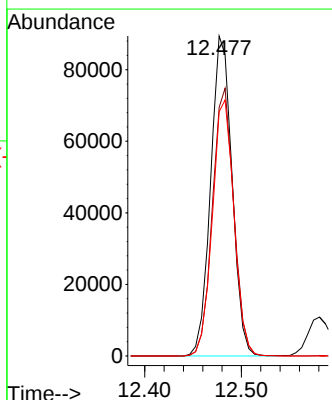
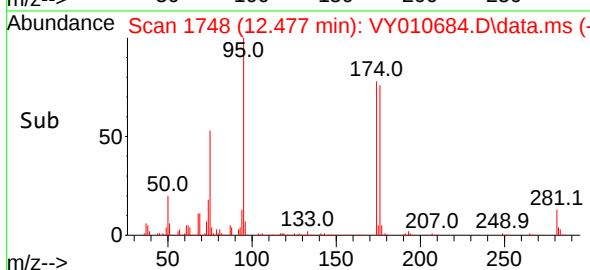
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

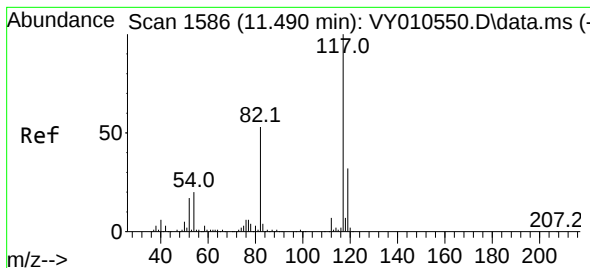


#62
4-Bromofluorobenzene
Concen: 44.118 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14



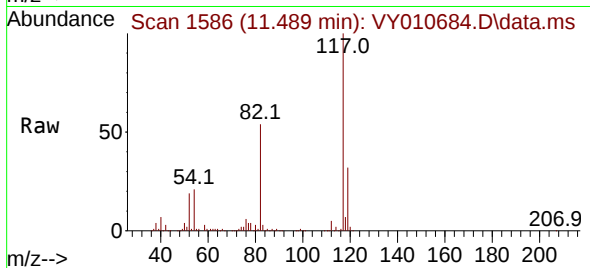
Tgt Ion: 95 Resp: 137109
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 80.9 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

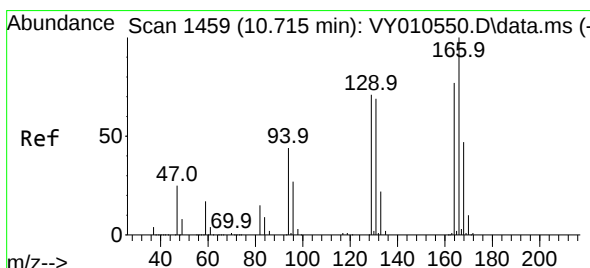
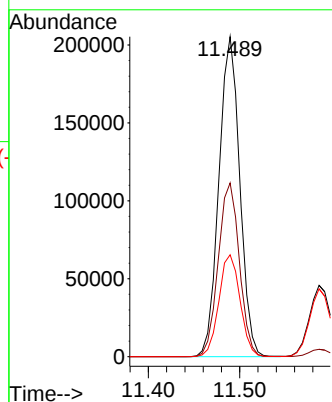
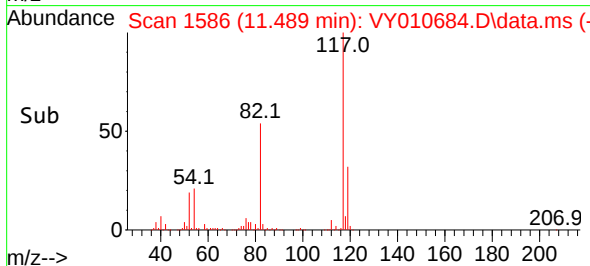
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 32584
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.9 25.4 38.0

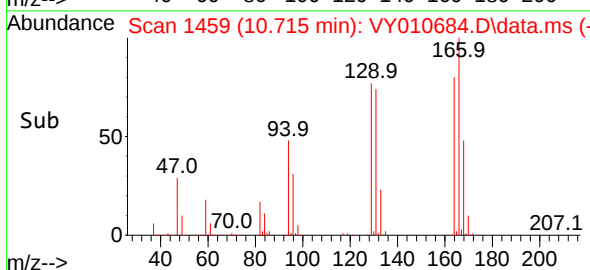
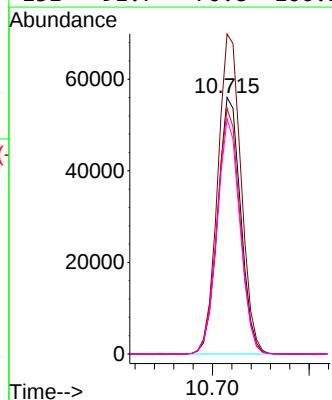
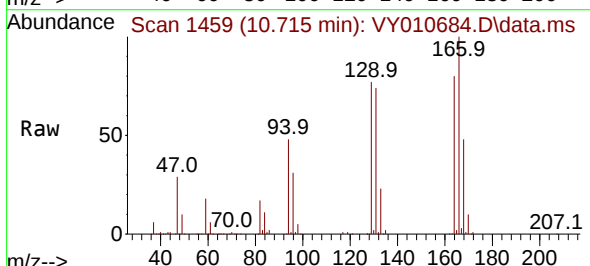
Manual Integrations
APPROVED

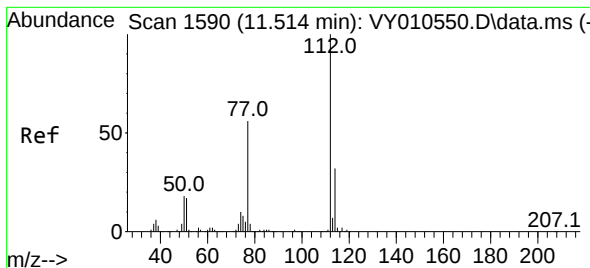
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#64
Tetrachloroethene
Concen: 42.308 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

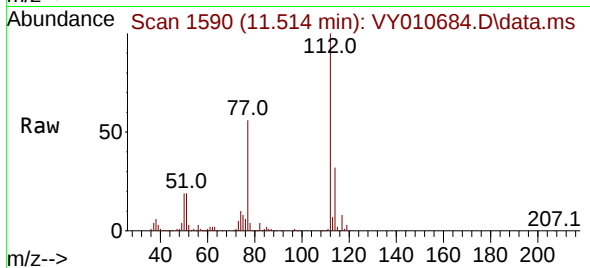
Tgt Ion:164 Resp: 92090
Ion Ratio Lower Upper
164 100
166 124.7 100.4 150.6
129 95.7 71.4 107.0
131 91.7 70.8 106.2





#65
Chlorobenzene
Concen: 46.909 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

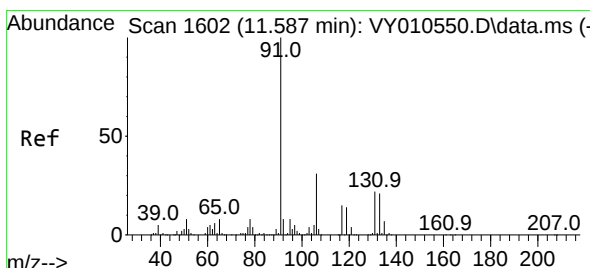
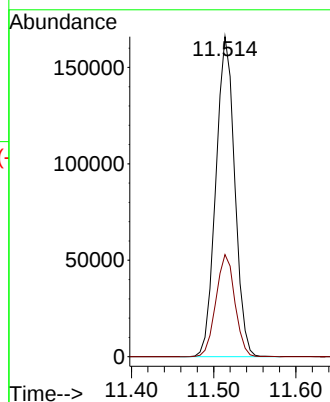
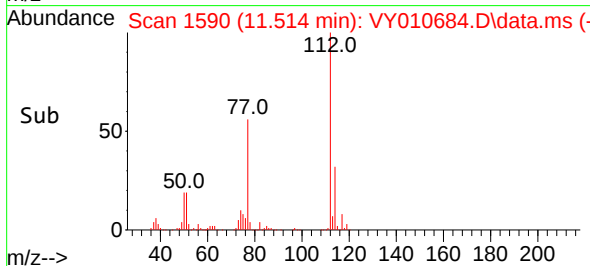
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



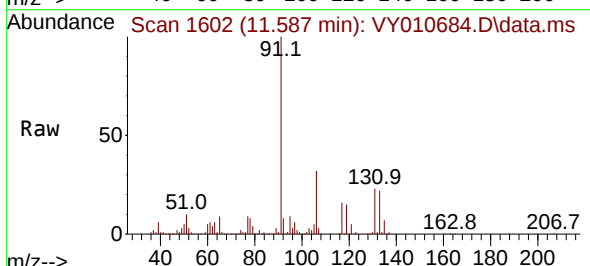
Tgt Ion:112 Resp: 264304
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

Manual Integrations
APPROVED

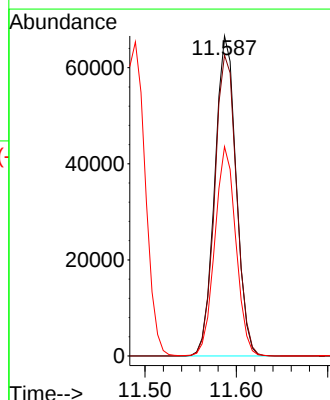
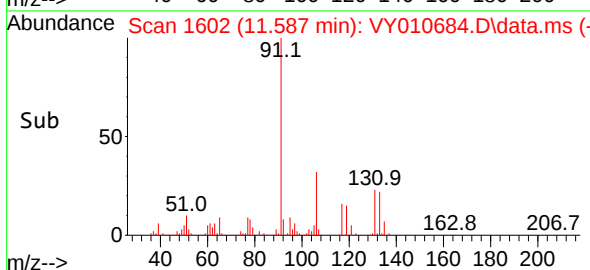
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

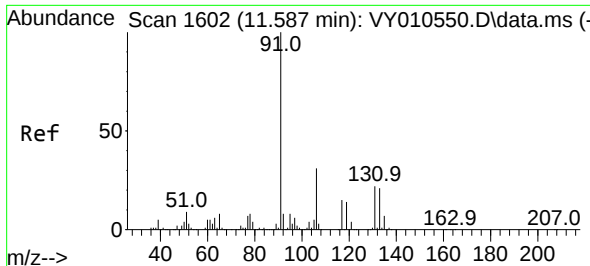


#66
1,1,1,2-Tetrachloroethane
Concen: 49.244 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14



Tgt Ion:131 Resp: 108096
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.6
119 64.6 30.8 92.3





#67

Ethyl Benzene

Concen: 46.940 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 46443

Ion Ratio Lower Upper

91 100

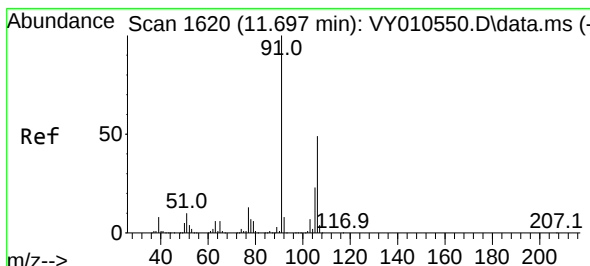
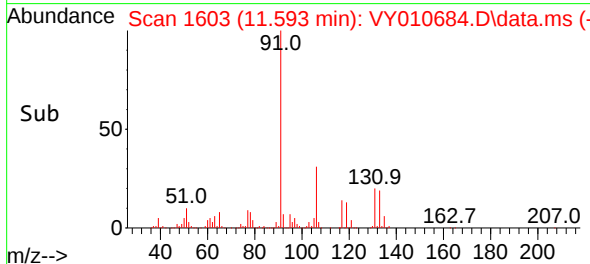
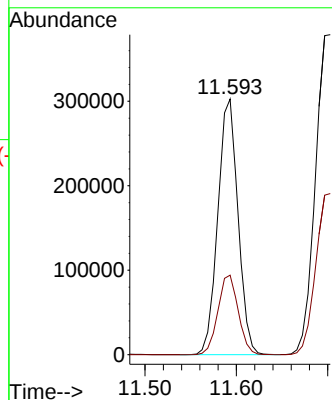
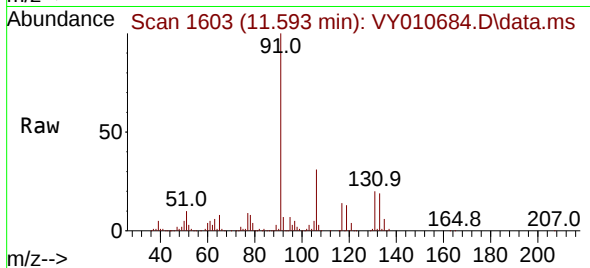
106 31.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#68

m/p-Xylenes

Concen: 92.765 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY010684.D

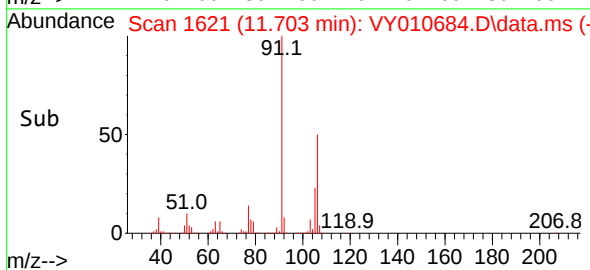
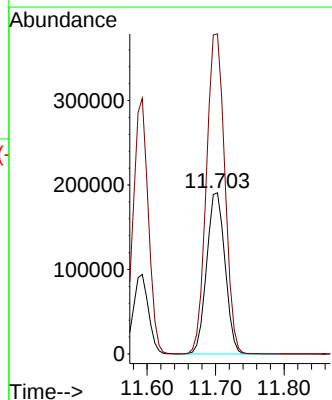
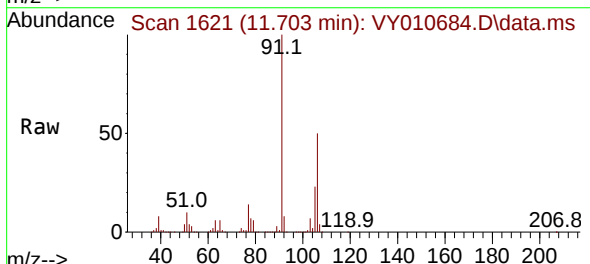
Acq: 26 Sep 2022 20:14

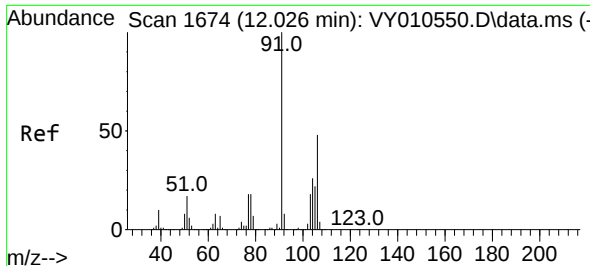
Tgt Ion:106 Resp: 355557

Ion Ratio Lower Upper

106 100

91 199.3 166.6 249.8





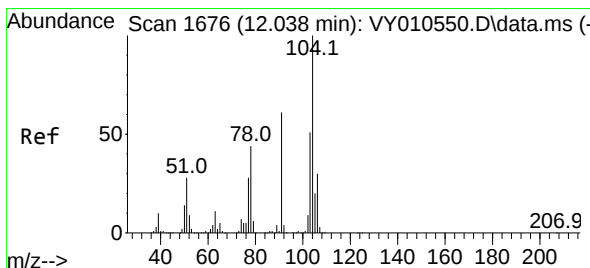
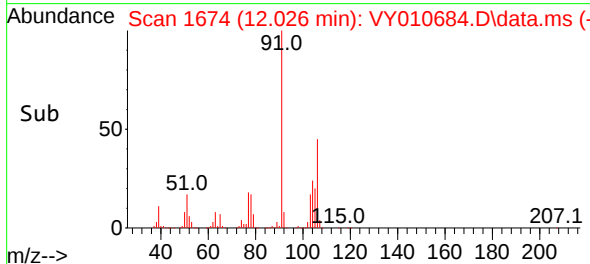
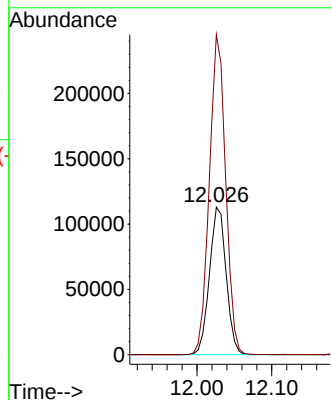
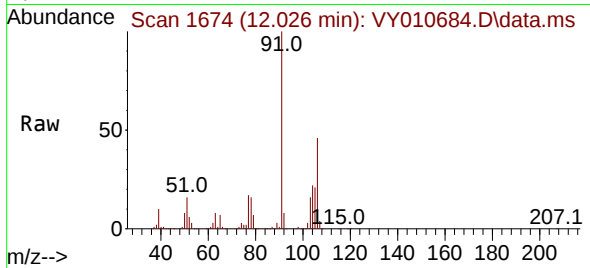
#69
o-Xylene
Concen: 46.870 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 175150
Ion Ratio Lower Upper
106 100
91 212.2 110.3 331.0

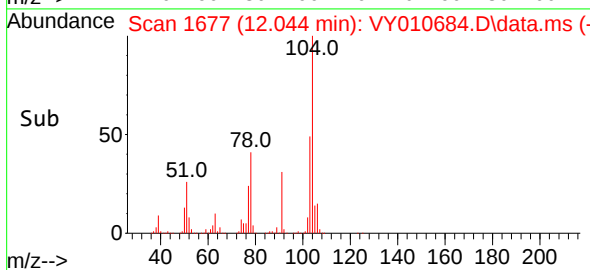
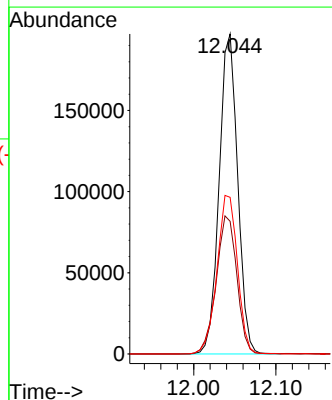
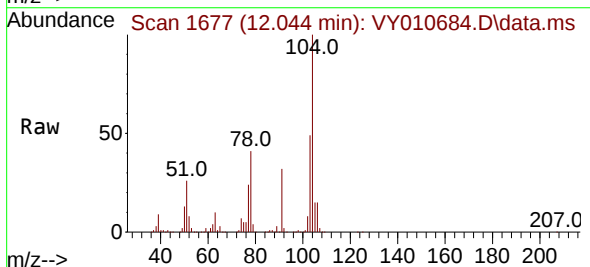
Manual Integrations
APPROVED

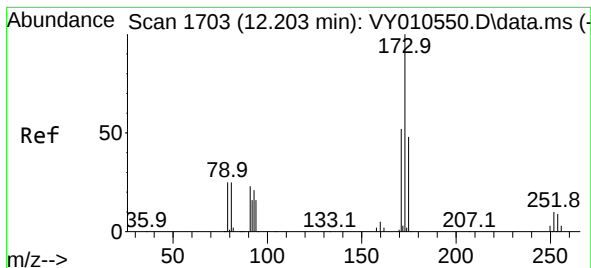
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#70
Styrene
Concen: 48.631 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

Tgt Ion:104 Resp: 308720
Ion Ratio Lower Upper
104 100
78 48.2 42.4 63.6
103 54.9 44.4 66.6





#71

Bromoform

Concen: 51.376 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

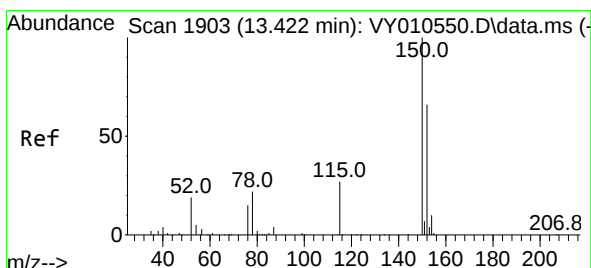
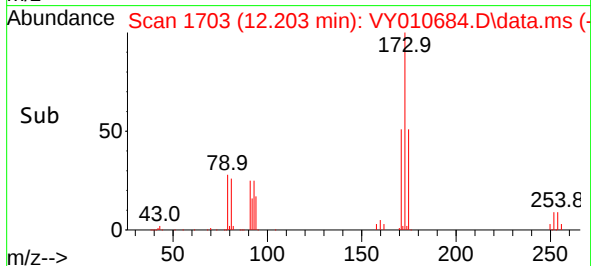
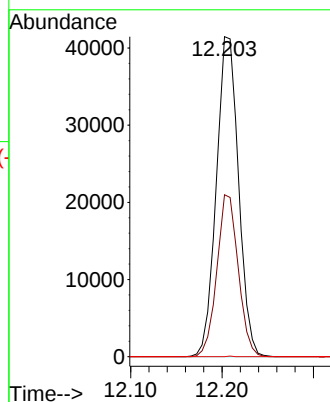
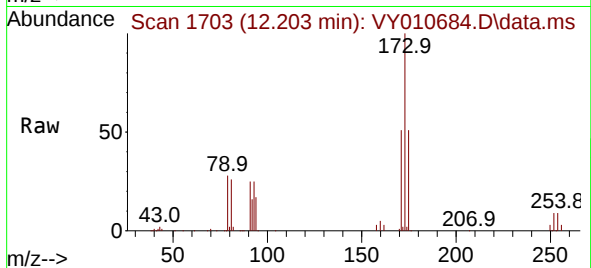
VSTDCCC050EC

Tgt Ion:173	Resp:	70028
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.6 74.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

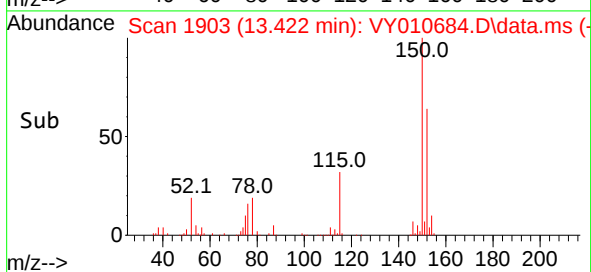
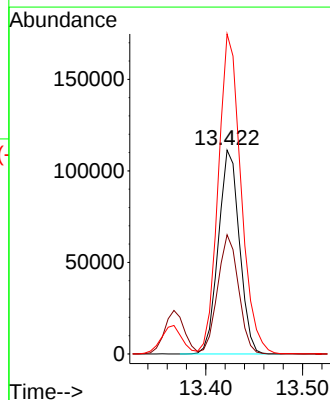
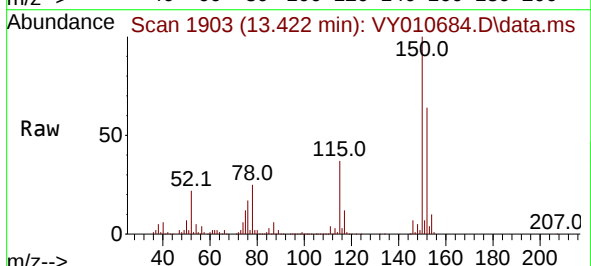
RT: 13.422 min Scan# 1903

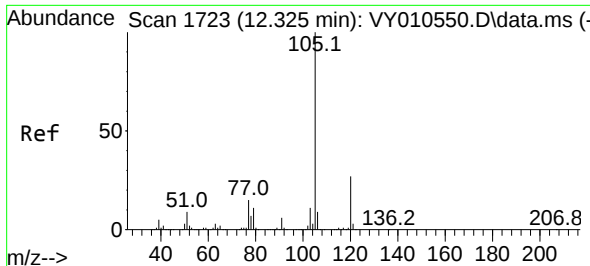
Delta R.T. -0.000 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

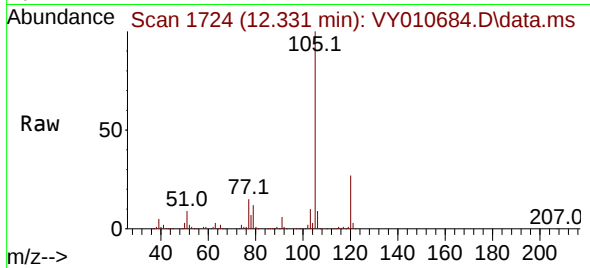
Tgt Ion:152	Resp:	168051
Ion Ratio	Lower	Upper
152	100	
115	57.9	28.2 84.7
150	169.5	0.0 347.6





#73
Isopropylbenzene
Concen: 45.353 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

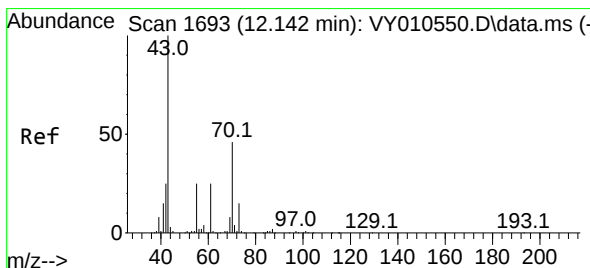
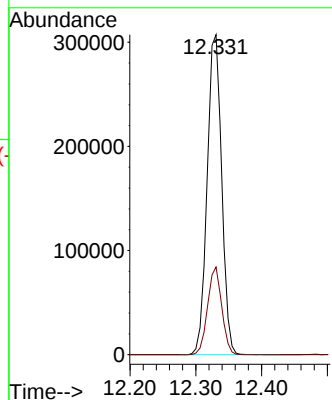
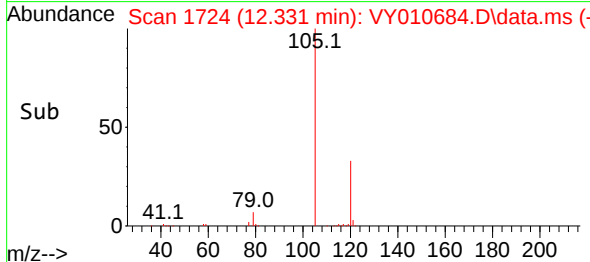
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 105 Resp: 471029
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2

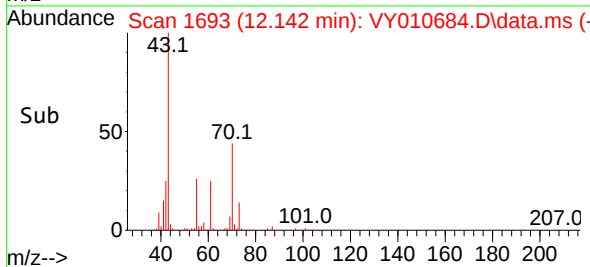
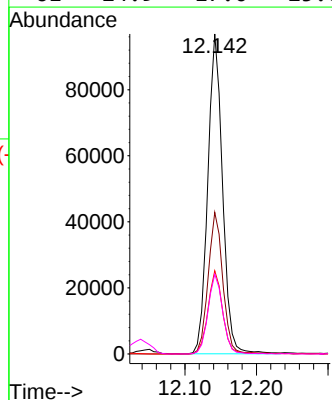
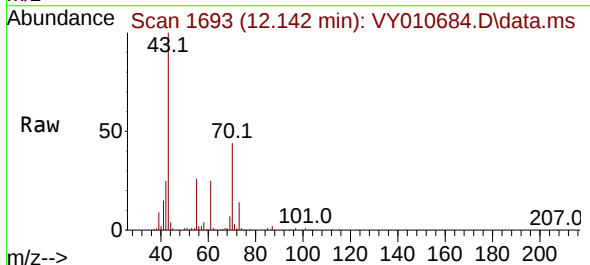
Manual Integrations
APPROVED

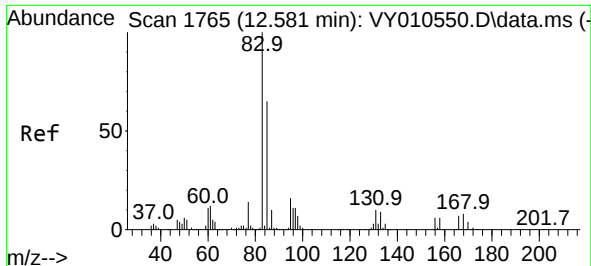
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#74
N-amy1 acetate
Concen: 55.083 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

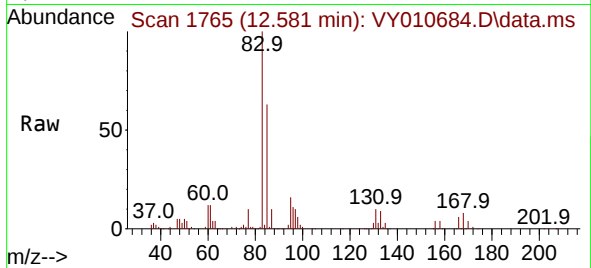
Tgt Ion: 43 Resp: 138730
Ion Ratio Lower Upper
43 100
70 44.4 28.7 43.1#
55 25.9 17.3 25.9#
61 24.9 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 51.586 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

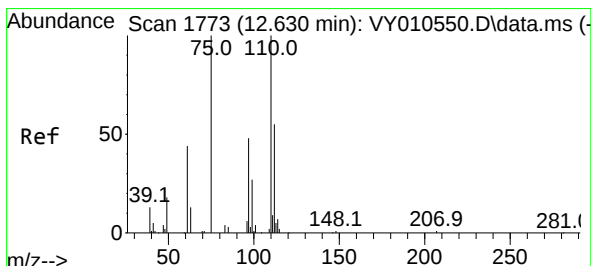
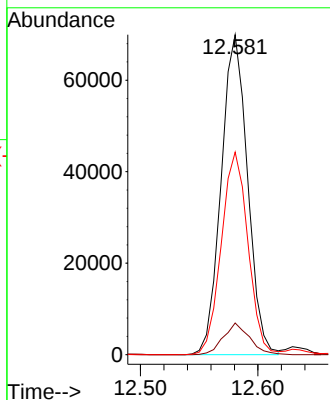
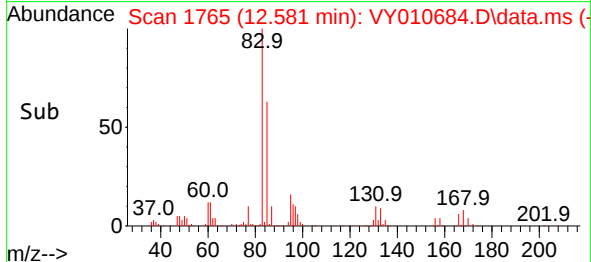
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



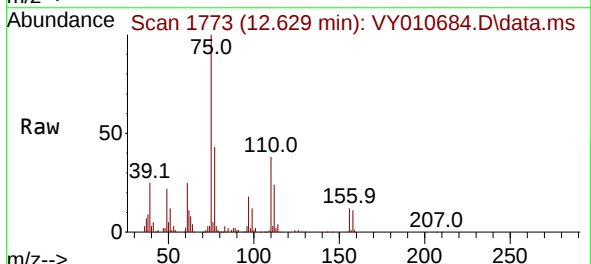
Tgt Ion: 83 Resp: 10917
Ion Ratio Lower Upper
83 100
131 9.8 5.6 16.8
85 63.9 32.3 96.8

Manual Integrations
APPROVED

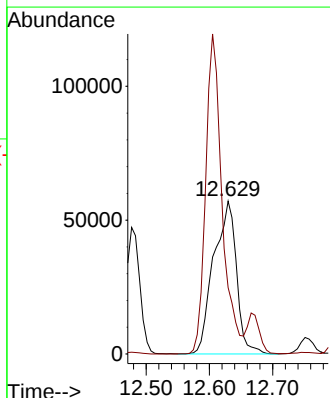
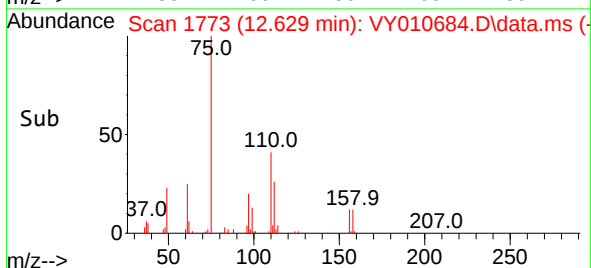
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

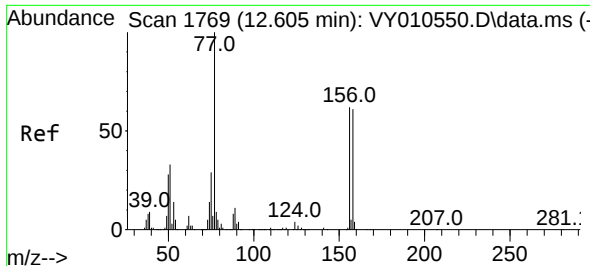


#76
1,2,3-Trichloropropane
Concen: 89.164 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14



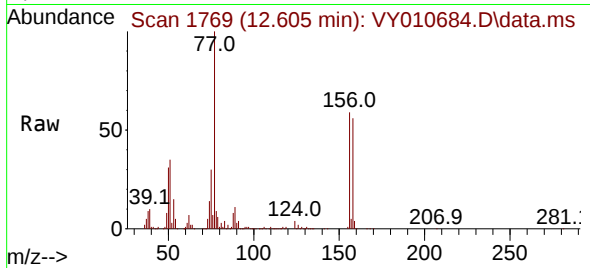
Tgt Ion: 75 Resp: 143013
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 45.416 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

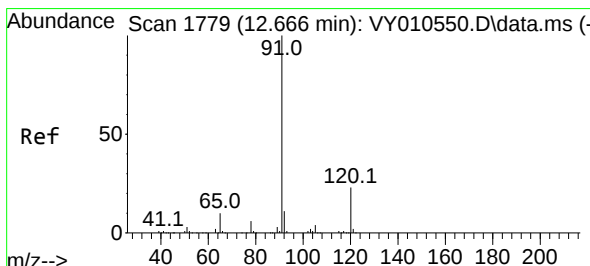
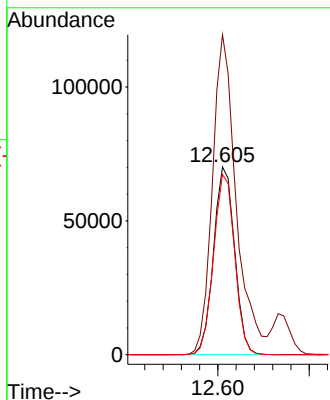
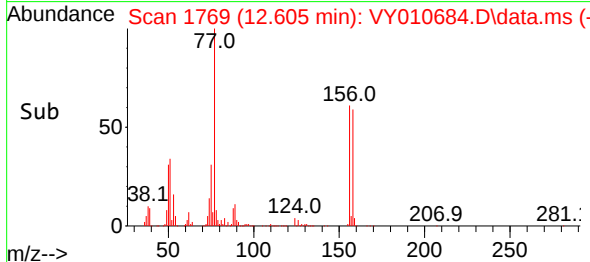
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 112229
Ion Ratio Lower Upper
156 100
77 192.7 95.5 286.4
158 96.2 48.0 144.0

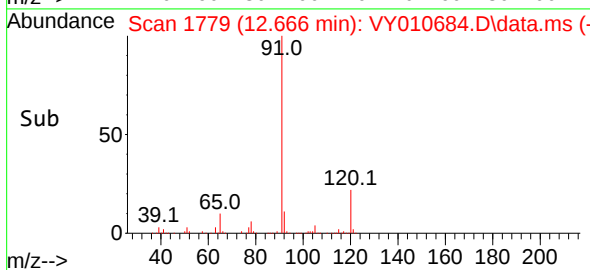
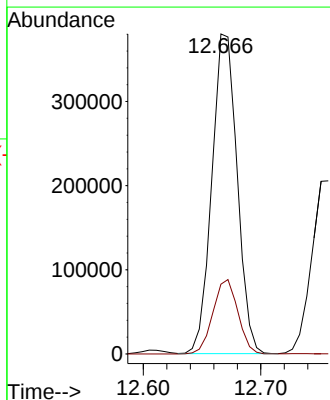
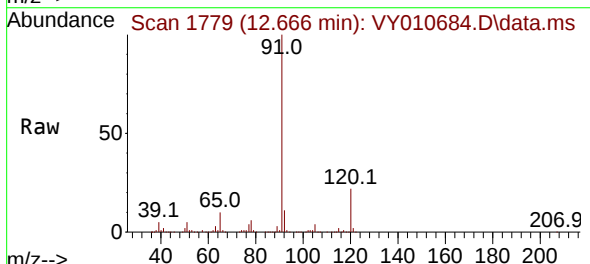
Manual Integrations
APPROVED

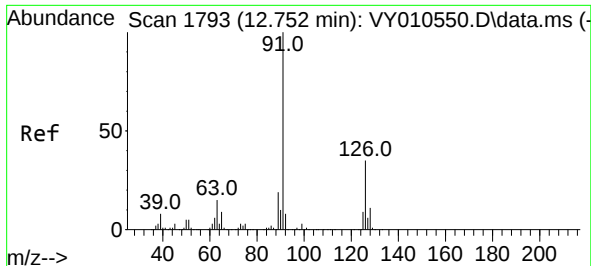
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#78
n-propylbenzene
Concen: 46.012 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

Tgt Ion: 91 Resp: 569219
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9





#79

2-Chlorotoluene

Concen: 46.151 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. 0.005 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 325314

Ion Ratio Lower Upper

91 100

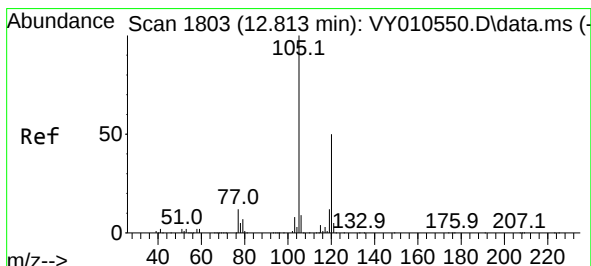
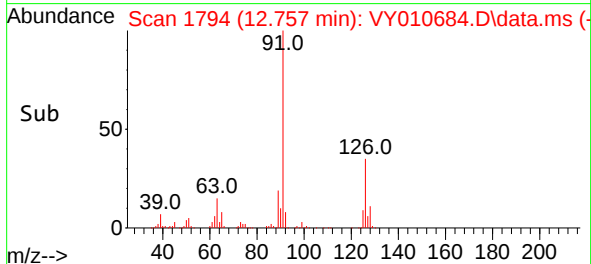
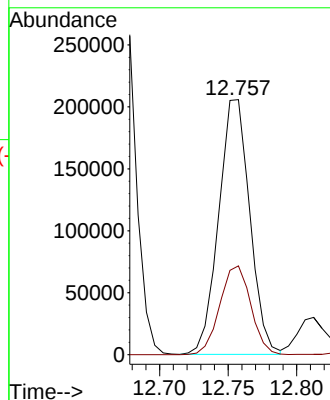
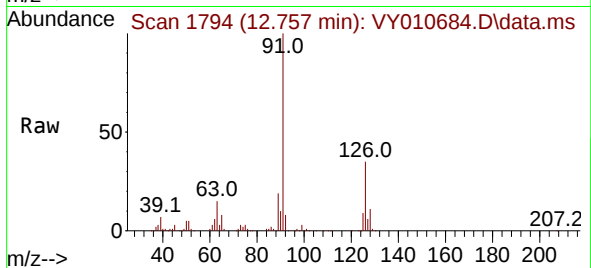
126 34.6 16.9 50.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#80

1,3,5-Trimethylbenzene

Concen: 45.453 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY010684.D

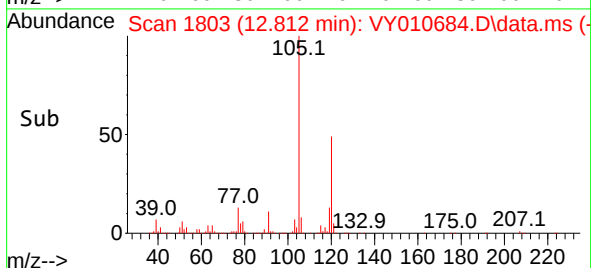
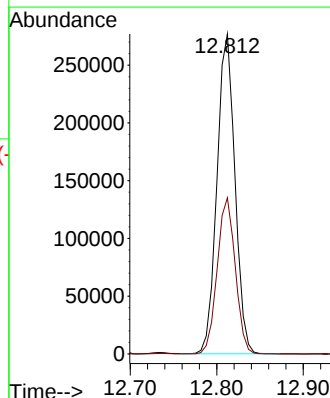
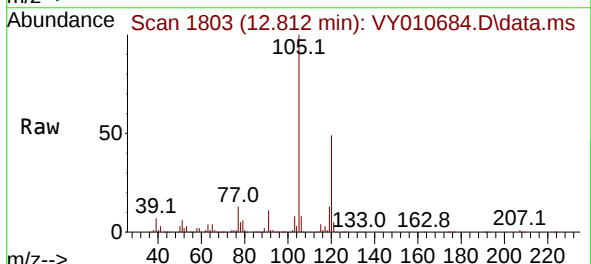
Acq: 26 Sep 2022 20:14

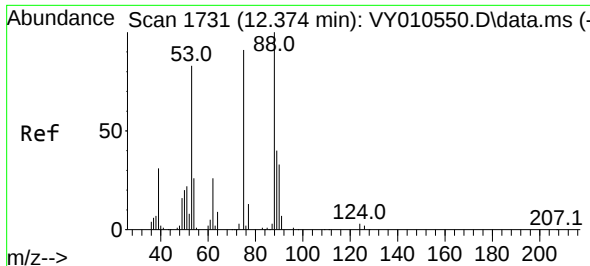
Tgt Ion:105 Resp: 398874

Ion Ratio Lower Upper

105 100

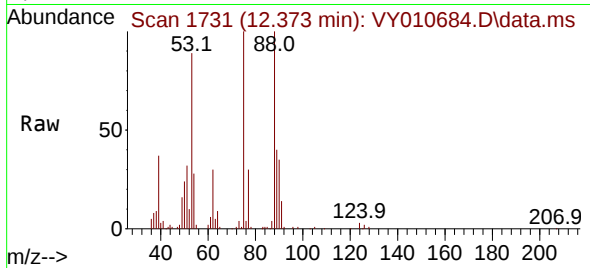
120 49.2 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 51.413 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.001 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

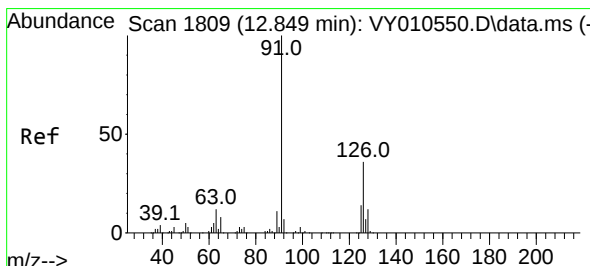
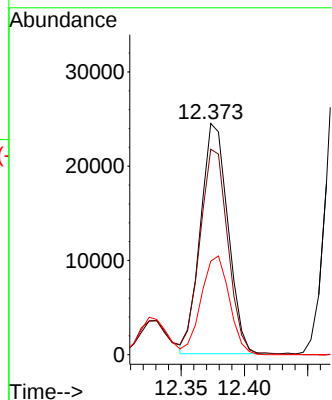
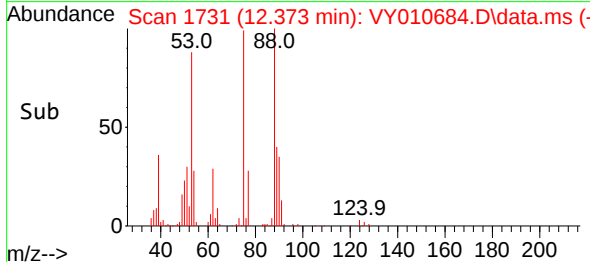
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 37088
Ion Ratio Lower Upper
75 100
53 90.9 85.3 127.9
89 43.9 37.0 55.4

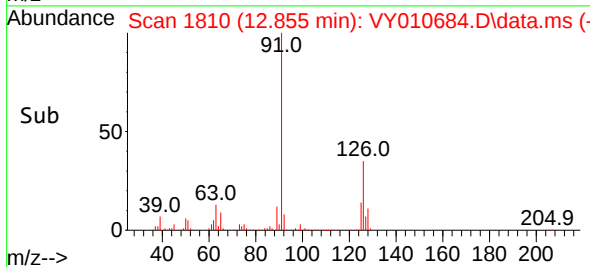
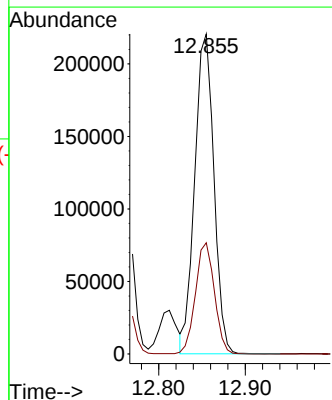
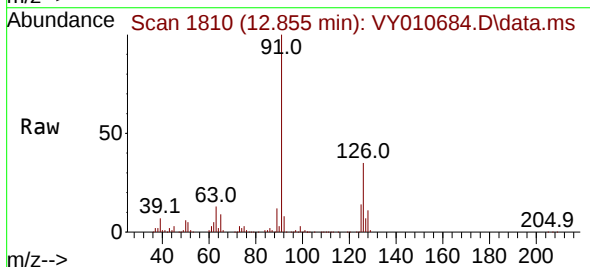
Manual Integrations
APPROVED

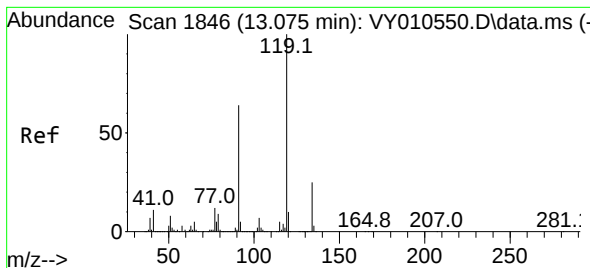
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#82
4-Chlorotoluene
Concen: 46.523 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

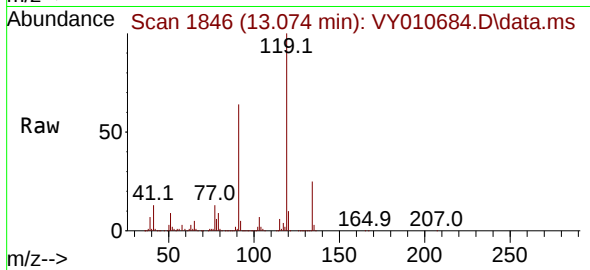
Tgt Ion: 91 Resp: 338629
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0





#83
tert-Butylbenzene
Concen: 45.950 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

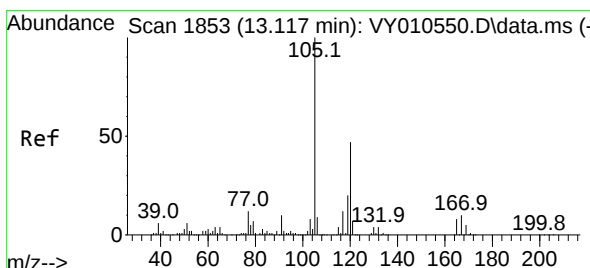
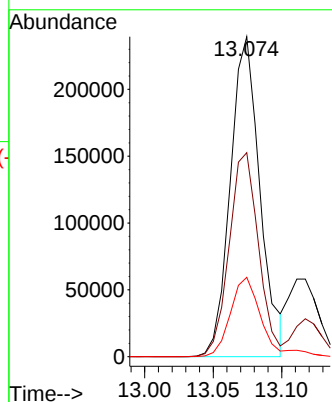
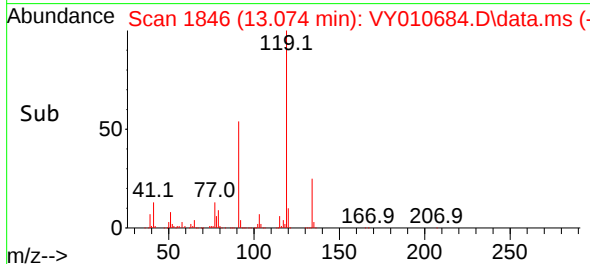
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



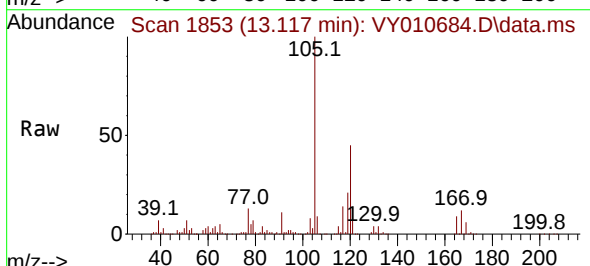
Tgt Ion:119 Resp: 360632
Ion Ratio Lower Upper
119 100
91 63.3 34.8 104.4
134 26.1 13.3 39.9

Manual Integrations
APPROVED

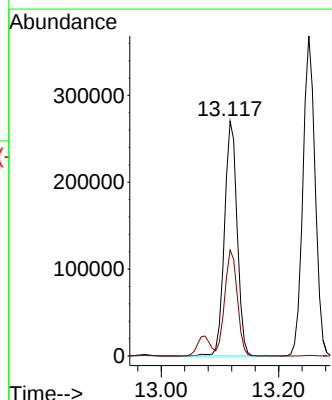
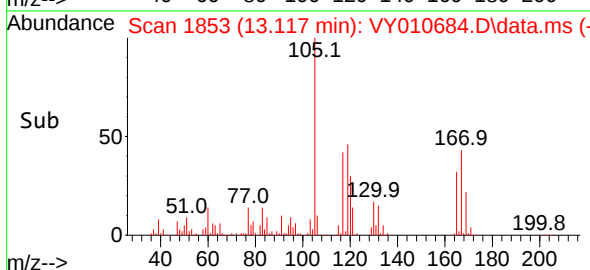
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

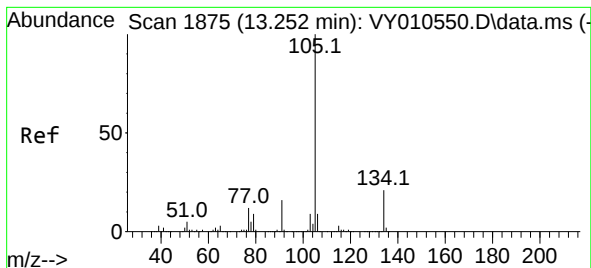


#84
1,2,4-Trimethylbenzene
Concen: 46.457 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14



Tgt Ion:105 Resp: 405021
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 46.058 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.001 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 529404

Ion Ratio Lower Upper

105 100

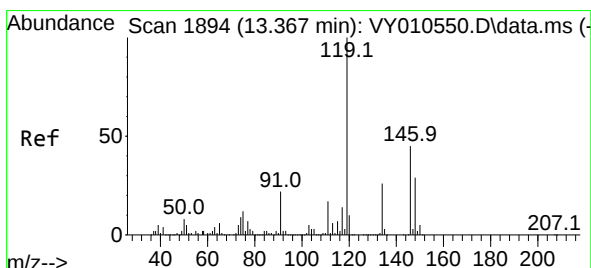
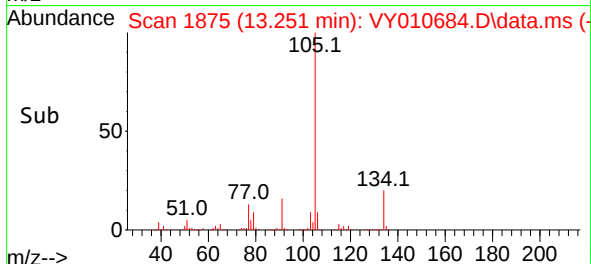
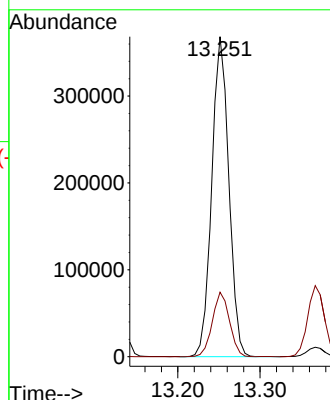
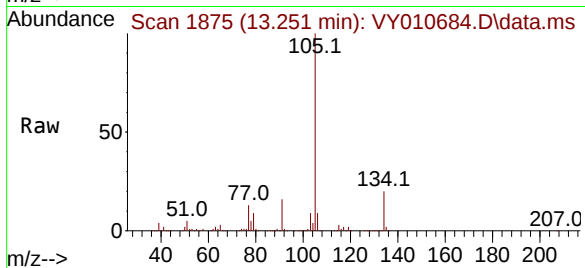
134 20.3 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#86

p-Isopropyltoluene

Concen: 46.090 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

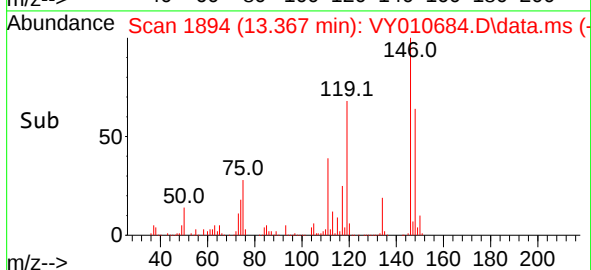
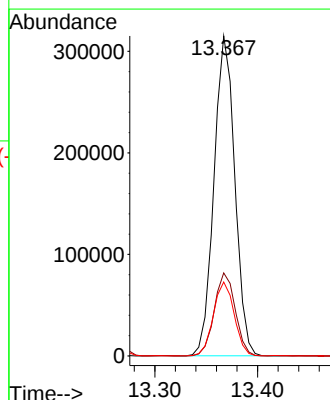
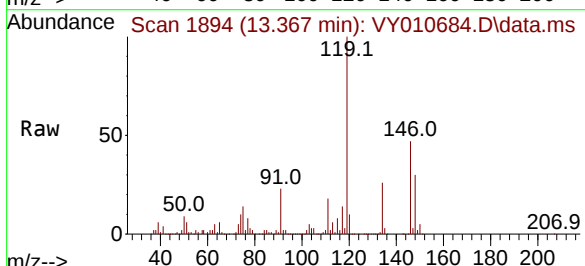
Tgt Ion:119 Resp: 442707

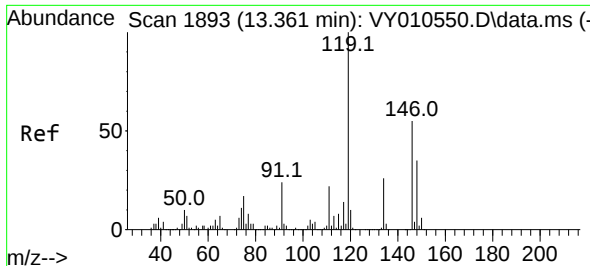
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 23.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.476 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

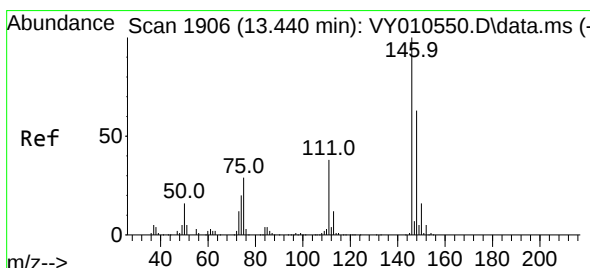
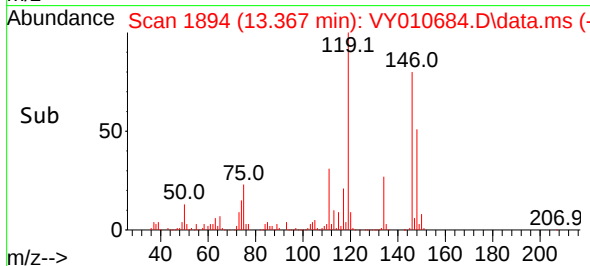
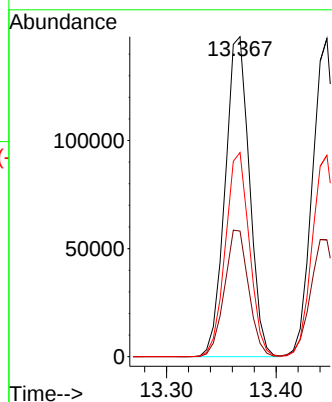
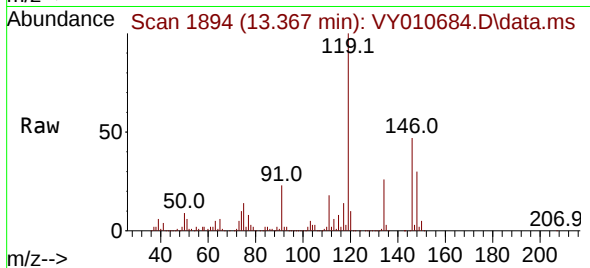
Tgt Ion:146 Resp: 228093
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.5 58.5
 148 63.0 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/27/2022

Supervised By :mohammad ahmed 09/27/2022



#88

1,4-Dichlorobenzene

Concen: 45.675 ug/l

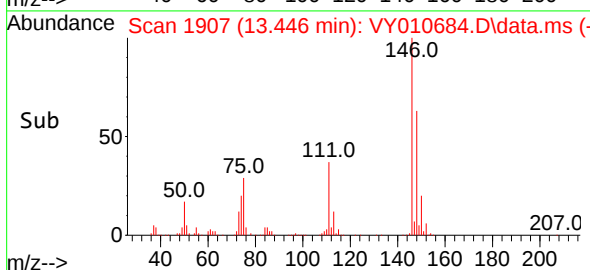
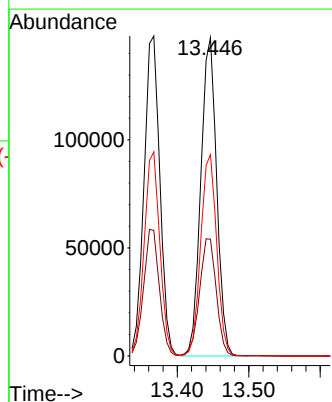
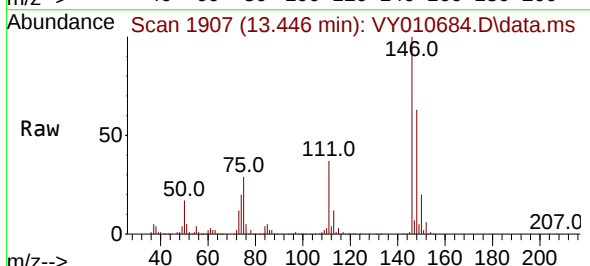
RT: 13.446 min Scan# 1907

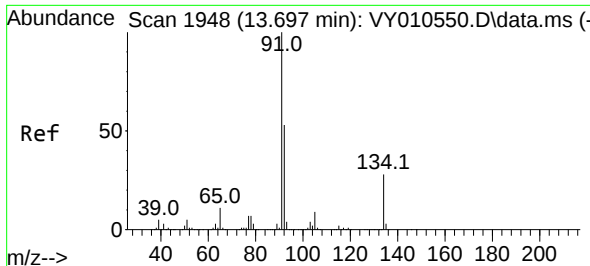
Delta R.T. 0.006 min

Lab File: VY010684.D

Acq: 26 Sep 2022 20:14

Tgt Ion:146 Resp: 226741
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.8
 148 64.1 32.6 97.8





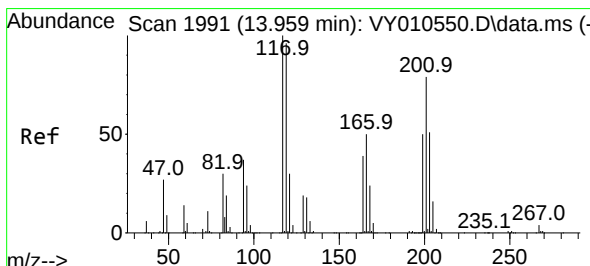
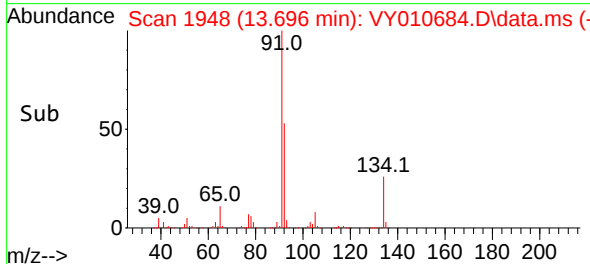
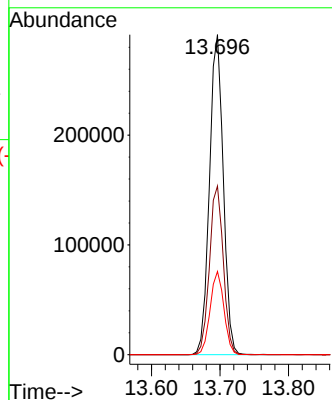
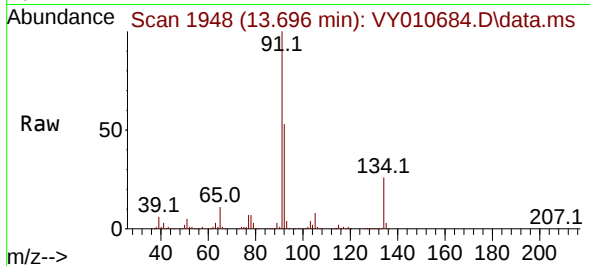
#89
n-Butylbenzene
Concen: 46.367 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 40884
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 26.0 13.0 38.9

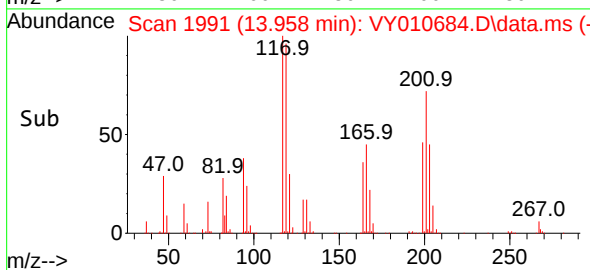
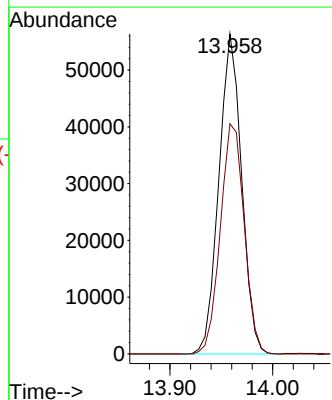
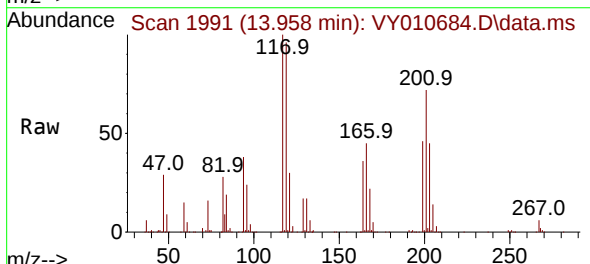
Manual Integrations
APPROVED

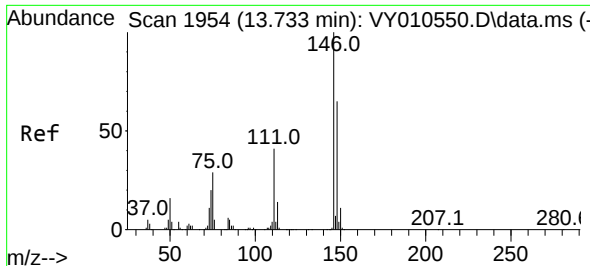
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#90
Hexachloroethane
Concen: 46.887 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

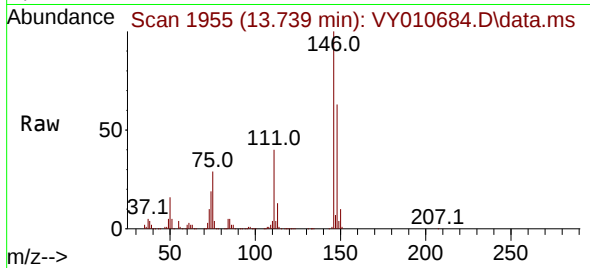
Tgt Ion:117 Resp: 86470
Ion Ratio Lower Upper
117 100
201 75.5 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 47.028 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

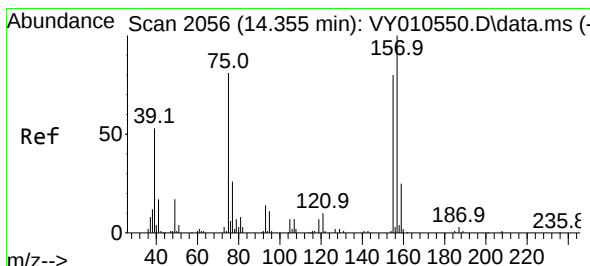
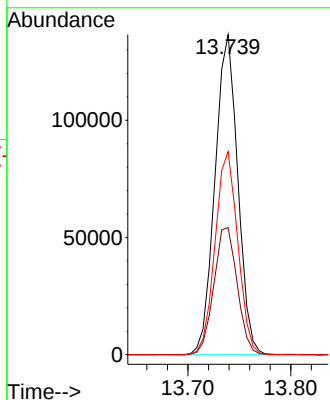
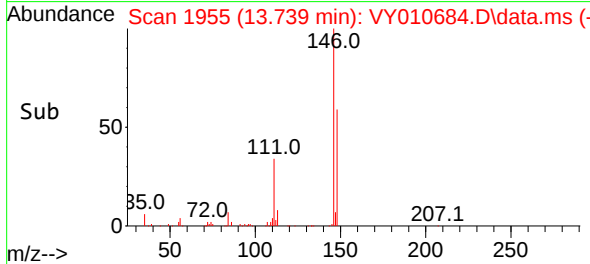
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



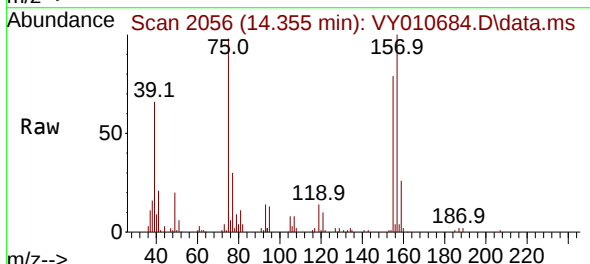
Tgt Ion:146 Resp: 210119
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.9
148 63.3 32.3 96.9

Manual Integrations
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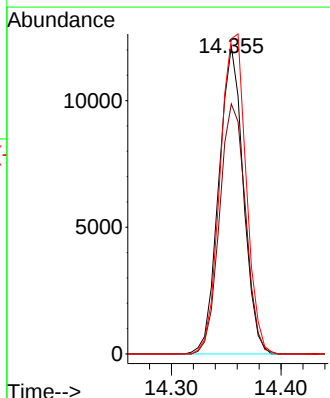
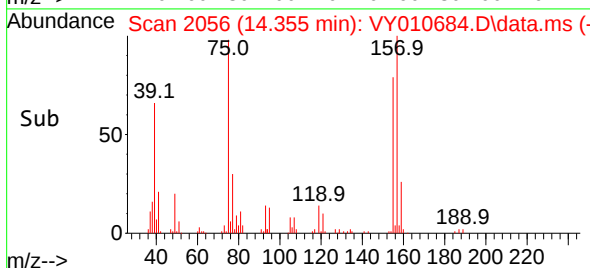
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022

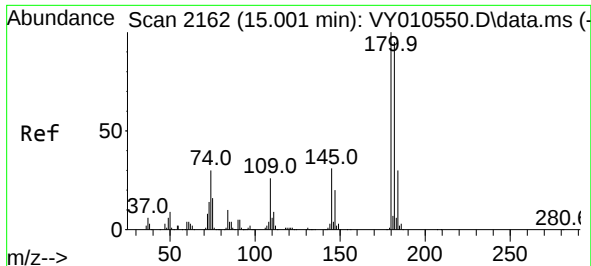


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.341 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14



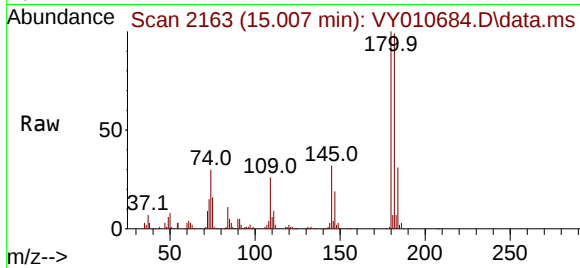
Tgt Ion: 75 Resp: 18838
Ion Ratio Lower Upper
75 100
155 85.9 38.0 113.9
157 110.3 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 43.692 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

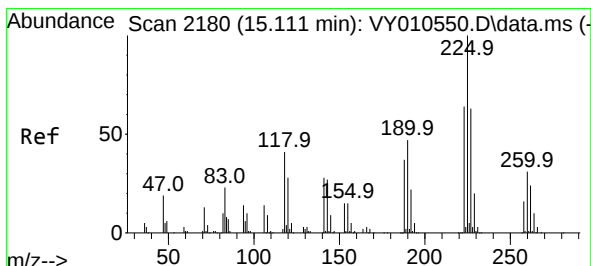
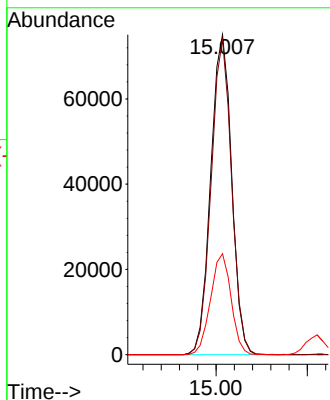
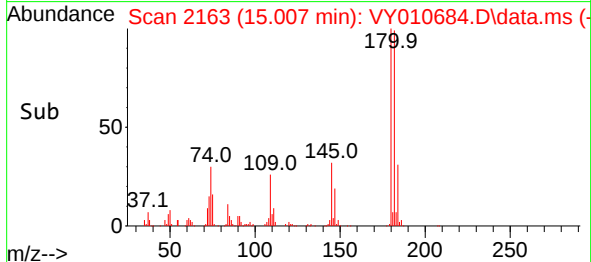
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 11908
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.9
145 31.0 14.6 43.8

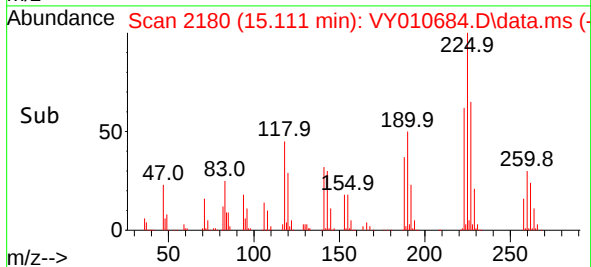
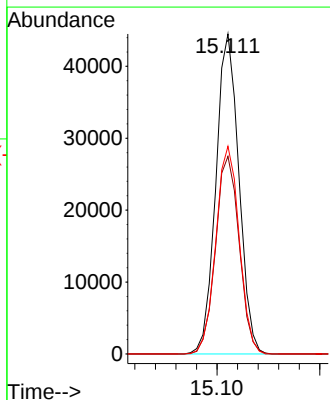
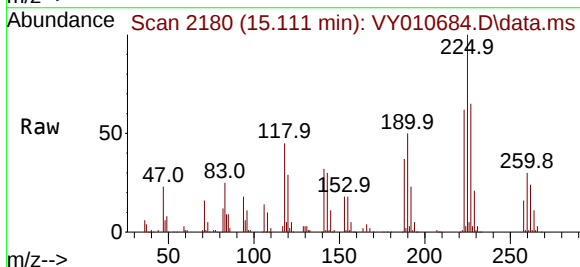
Manual Integrations
APPROVED

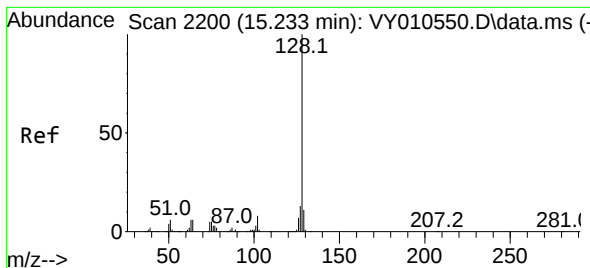
Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#94
Hexachlorobutadiene
Concen: 41.685 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

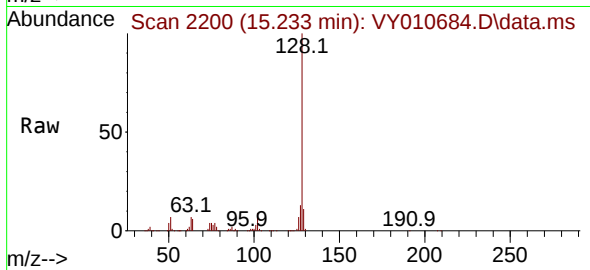
Tgt Ion:225 Resp: 69056
Ion Ratio Lower Upper
225 100
223 63.3 30.8 92.3
227 65.9 31.6 94.7





#95
Naphthalene
Concen: 48.426 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14

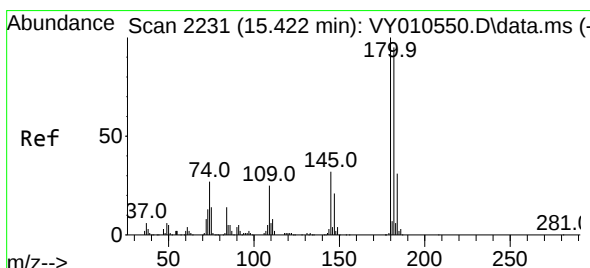
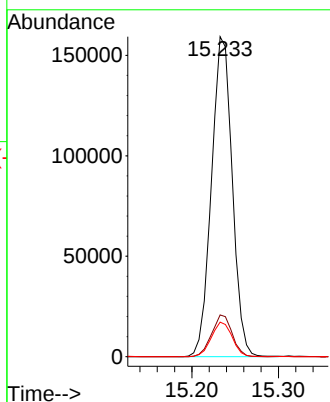
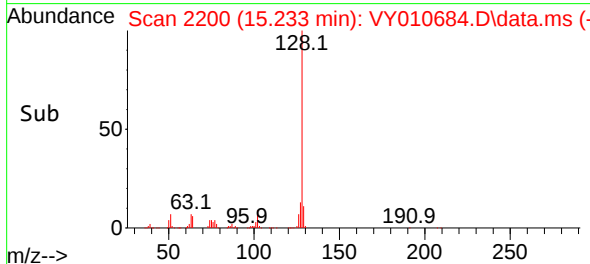
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



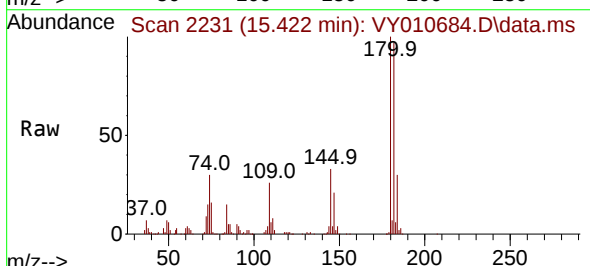
Tgt Ion:128 Resp: 265948
Ion Ratio Lower Upper
128 100
127 12.9 11.0 16.4
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/27/2022
Supervised By :mohammad ahmed 09/27/2022



#96
1,2,3-Trichlorobenzene
Concen: 45.148 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY010684.D
Acq: 26 Sep 2022 20:14



Tgt Ion:180 Resp: 107146
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.9
145 32.2 15.3 45.9

