

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014395.D
 Acq On : 22 Jun 2023 21:29
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/23/2023
 Supervised By :Mahesh Dadoda 06/23/2023

Quant Time: Jun 23 05:02:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	184834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	289249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	279057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130835	50.833	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.660%			
35) Dibromofluoromethane	7.722	113	109987	53.618	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.240%			
50) Toluene-d8	10.185	98	367675	47.943	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.880%			
62) 4-Bromofluorobenzene	12.483	95	154014	56.535	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	83320	40.448	ug/l	95
3) Chloromethane	2.113	50	116526	44.613	ug/l	98
4) Vinyl Chloride	2.253	62	102653	40.423	ug/l	96
5) Bromomethane	2.644	94	2162860	1032.268	ug/l	99
6) Chloroethane	2.790	64	72360	41.934	ug/l	97
7) Trichlorofluoromethane	3.125	101	196760	47.693	ug/l	99
8) Diethyl Ether	3.534	74	67159	48.752	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	94989	45.622	ug/l	97
10) Methyl Iodide	4.095	142	253978	92.378	ug/l	96
11) Tert butyl alcohol	4.960	59	81890	277.045	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	97914	46.396	ug/l	94
13) Acrolein	3.735	56	33605	281.685	ug/l	100
14) Allyl chloride	4.485	41	169535	44.318	ug/l	95
15) Acrylonitrile	5.168	53	200045	281.538	ug/l	99
16) Acetone	3.954	43	172223	221.984	ug/l	97
17) Carbon Disulfide	4.198	76	287312	42.013	ug/l	100
18) Methyl Acetate	4.485	43	156500	51.969	ug/l	96
19) Methyl tert-butyl Ether	5.229	73	340327	54.678	ug/l	99
20) Methylene Chloride	4.723	84	133588	54.238	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	116426	49.462	ug/l	95
22) Diisopropyl ether	6.131	45	370423	50.574	ug/l	94
23) Vinyl Acetate	6.064	43	1127642	260.937	ug/l	98
24) 1,1-Dichloroethane	6.021	63	209114	49.518	ug/l	98
25) 2-Butanone	6.990	43	263926	276.356	ug/l	99
26) 2,2-Dichloropropane	6.990	77	187006	47.148	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	138037	52.423	ug/l	96
28) Bromochloromethane	7.338	49	74565	43.419	ug/l	88
29) Tetrahydrofuran	7.350	42	175151	289.224	ug/l	93
30) Chloroform	7.515	83	241072	53.809	ug/l	96
31) Cyclohexane	7.789	56	153650	44.563	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	210598	52.119	ug/l	98
36) 1,1-Dichloropropene	7.923	75	156838	49.043	ug/l	99
37) Ethyl Acetate	7.082	43	117480	53.241	ug/l	98
38) Carbon Tetrachloride	7.911	117	194239	52.633	ug/l	99
39) Methylcyclohexane	9.191	83	169824	47.862	ug/l	95
40) Benzene	8.167	78	484028	50.899	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	49811m	44.232	ug/l	
42) 1,2-Dichloroethane	8.240	62	183825	54.664	ug/l	99
43) Isopropyl Acetate	8.277	43	210570	54.447	ug/l	98
44) Trichloroethene	8.947	130	132182	52.025	ug/l	100
45) 1,2-Dichloropropane	9.222	63	120113	49.727	ug/l	97
46) Dibromomethane	9.313	93	78686	52.922	ug/l	97
47) Bromodichloromethane	9.502	83	189110	54.321	ug/l	99
48) Methyl methacrylate	9.295	41	99737	55.292	ug/l	97
49) 1,4-Dioxane	9.301	88	24150	1278.292	ug/l #	57
51) 4-Methyl-2-Pentanone	10.075	43	610422	290.523	ug/l	98
52) Toluene	10.246	92	313383	53.161	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	195076	53.229	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	204673	51.187	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	110153	55.856	ug/l	96
56) Ethyl methacrylate	10.514	69	157653	57.958	ug/l	95
57) 1,3-Dichloropropane	10.795	76	180879	53.628	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	324863	265.296	ug/l	96
59) 2-Hexanone	10.837	43	446104	293.964	ug/l	98
60) Dibromochloromethane	10.990	129	145758	57.747	ug/l	99
61) 1,2-Dibromoethane	11.093	107	107872	55.424	ug/l	99
64) Tetrachloroethene	10.721	164	139025	58.449	ug/l	97
65) Chlorobenzene	11.520	112	342565	51.089	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	140532	53.285	ug/l	99
67) Ethyl Benzene	11.593	91	610940	52.053	ug/l	99
68) m/p-Xylenes	11.703	106	475893	105.414	ug/l	99
69) o-Xylene	12.032	106	231021	54.126	ug/l	100
70) Styrene	12.044	104	403902	55.446	ug/l	99
71) Bromoform	12.209	173	104218	57.700	ug/l #	100
73) Isopropylbenzene	12.331	105	597553	47.203	ug/l	100
74) N-amyl acetate	12.142	43	196869	49.074	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	135958	48.064	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	99080m	45.509	ug/l	
77) Bromobenzene	12.611	156	159496	47.936	ug/l	95
78) n-propylbenzene	12.672	91	724463	46.853	ug/l	99
79) 2-Chlorotoluene	12.758	91	424030	47.660	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	521828	48.141	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	48382	48.037	ug/l	98
82) 4-Chlorotoluene	12.855	91	445134	47.213	ug/l	99
83) tert-Butylbenzene	13.075	119	439126	47.672	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	519402	48.407	ug/l	99
85) sec-Butylbenzene	13.258	105	639407	47.745	ug/l	100
86) p-Isopropyltoluene	13.373	119	545358	47.582	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	307141	48.348	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	307122	47.983	ug/l	99
89) n-Butylbenzene	13.696	91	503091	47.325	ug/l	99
90) Hexachloroethane	13.965	117	108374	47.452	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	283258	49.646	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28164	52.284	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	175730	48.619	ug/l	99
94) Hexachlorobutadiene	15.111	225	101137	48.467	ug/l	98
95) Naphthalene	15.239	128	384737	52.442	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	159400	48.805	ug/l	99

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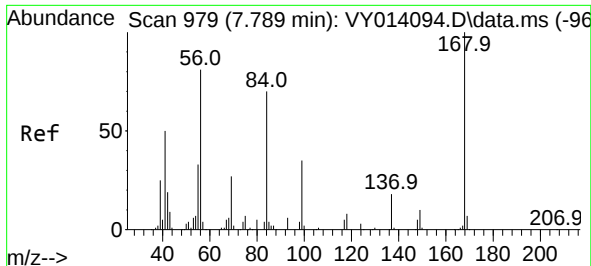
Manual Integrations
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Supervised By :Mahesh Dadoda 06/23/2023

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Quant Title : SW846 8260
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Response via : Initial Calibration

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



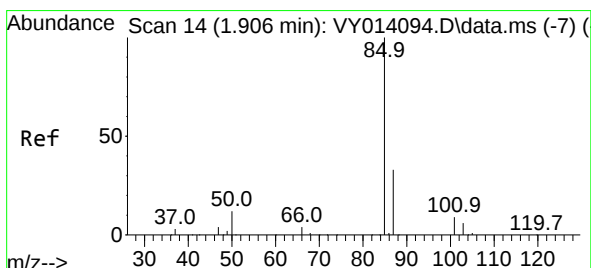
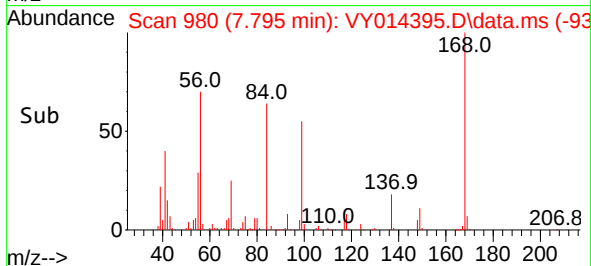
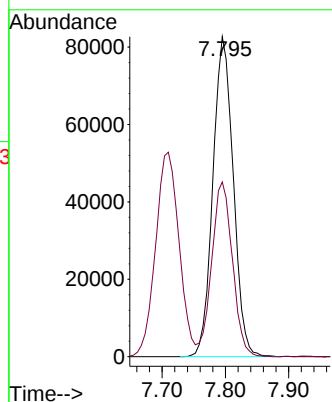
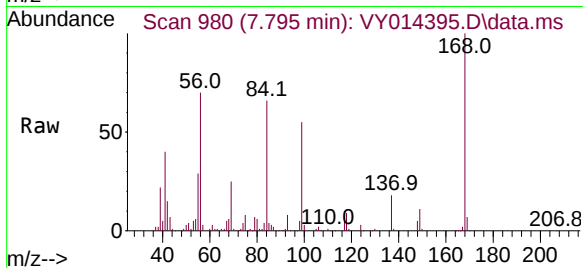
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY014395.D
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Tgt Ion:168 Resp: 184834
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0

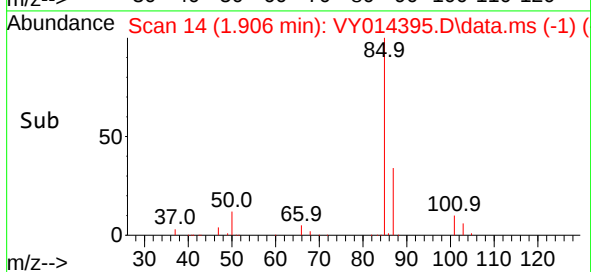
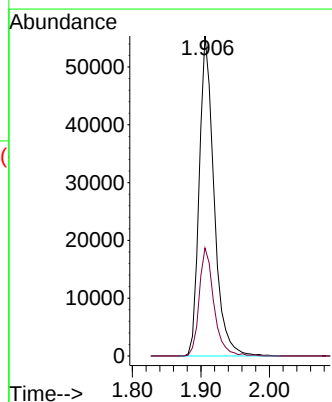
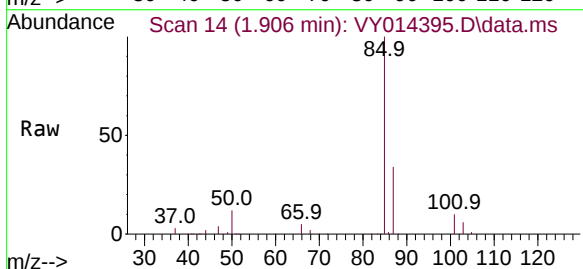
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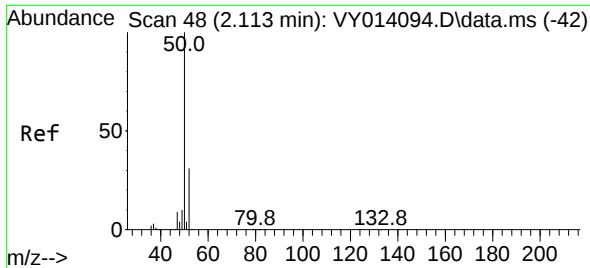
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#2
Dichlorodifluoromethane
Concen: 40.448 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

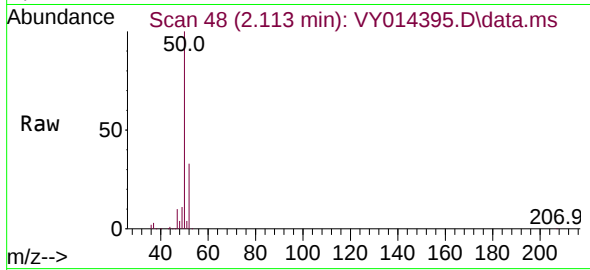
Tgt Ion: 85 Resp: 83320
Ion Ratio Lower Upper
85 100
87 33.7 15.6 46.8





#3
Chloromethane
Concen: 44.613 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

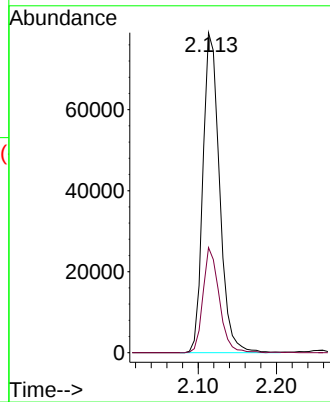
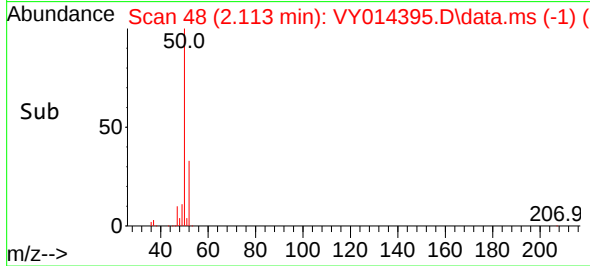
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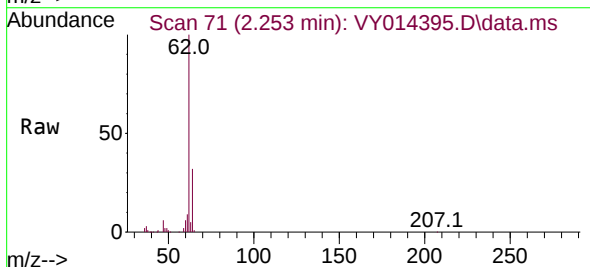
Tgt Ion: 50 Resp: 116520
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2

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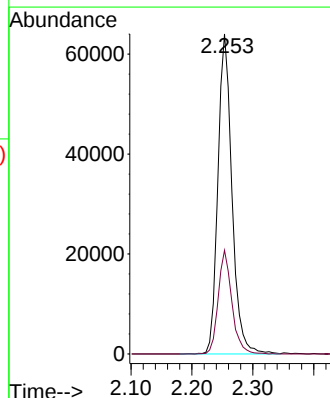
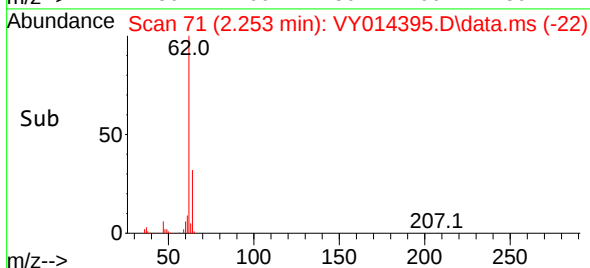
Reviewed By :Krupa Patel 06/23/2023
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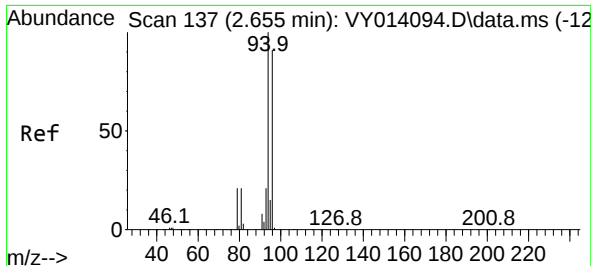


#4
Vinyl Chloride
Concen: 40.423 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29



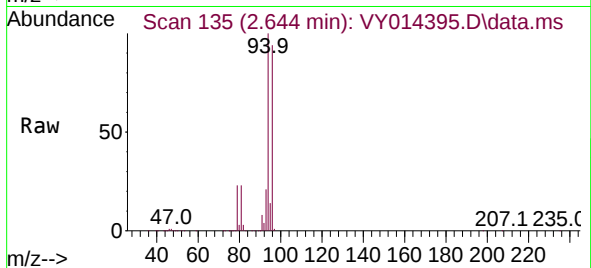
Tgt Ion: 62 Resp: 102653
Ion Ratio Lower Upper
62 100
64 32.4 24.3 36.5





#5
Bromomethane
Concen: 1032.268 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.011 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

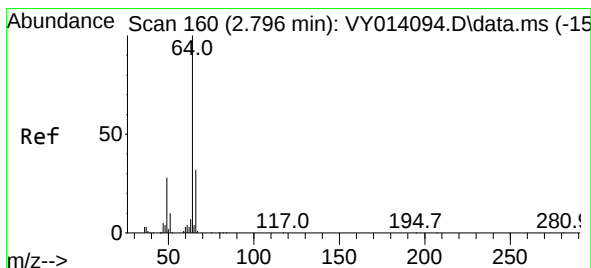
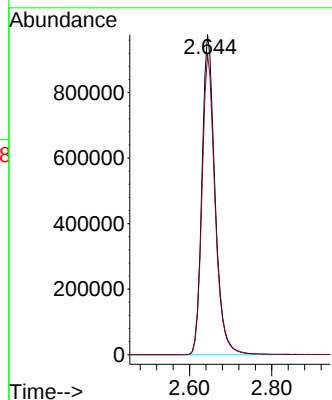
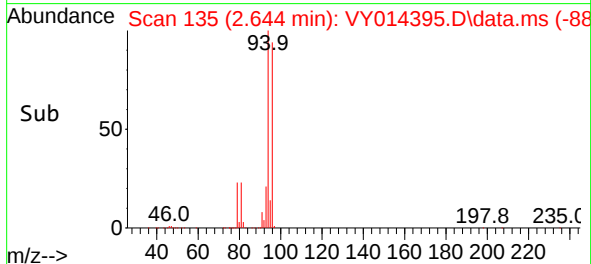
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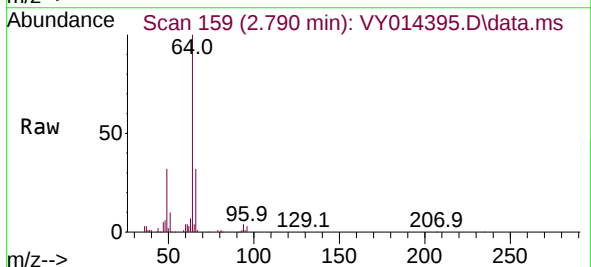
Tgt Ion: 94 Resp: 216286
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.6

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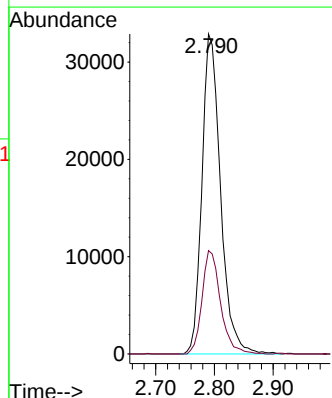
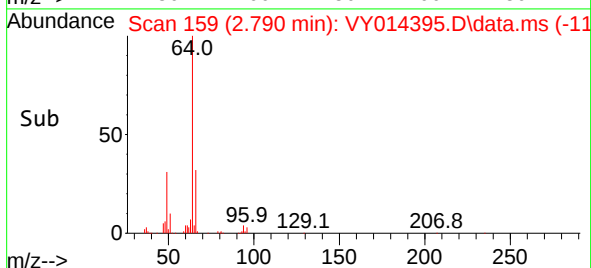
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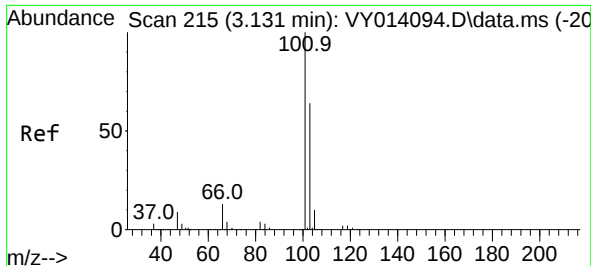


#6
Chloroethane
Concen: 41.934 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014395.D
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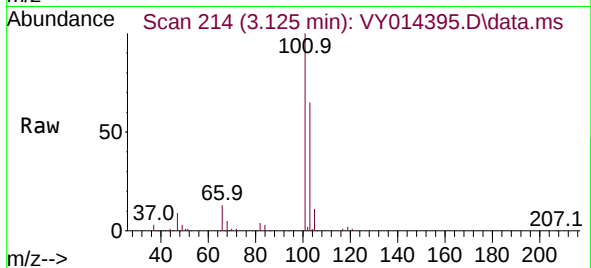
Tgt Ion: 64 Resp: 72360
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6





#7
Trichlorofluoromethane
Concen: 47.693 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014395.D
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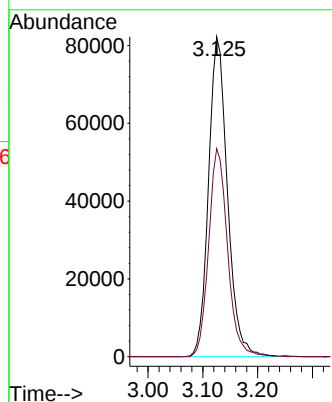
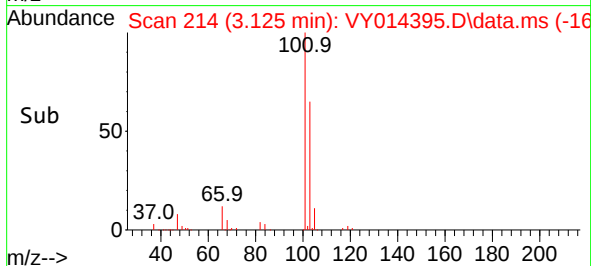
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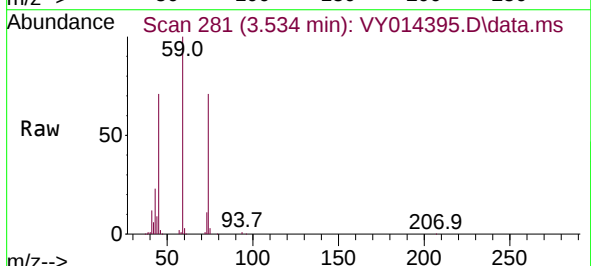
Tgt Ion:101 Resp: 196760
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

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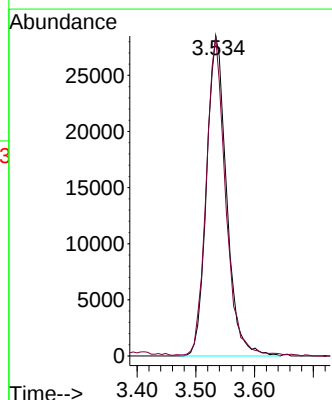
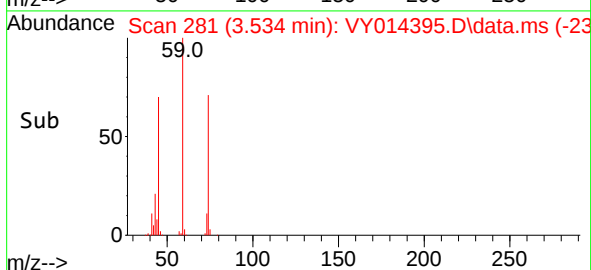
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#8
Diethyl Ether
Concen: 48.752 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.001 min
Lab File: VY014395.D
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Tgt Ion: 74 Resp: 67159
Ion Ratio Lower Upper
74 100
45 97.0 51.5 154.5





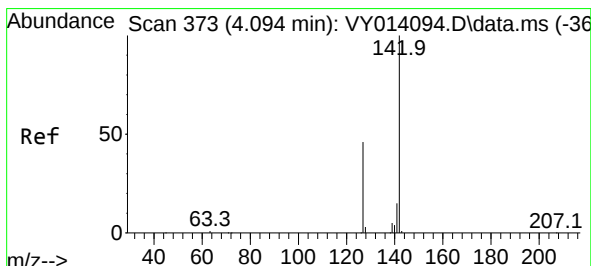
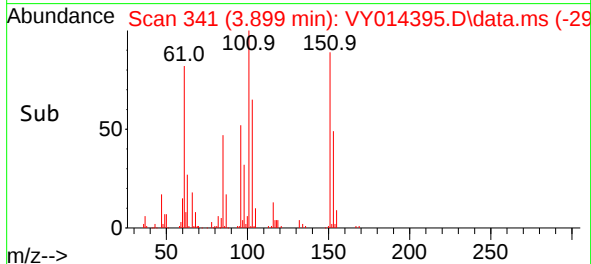
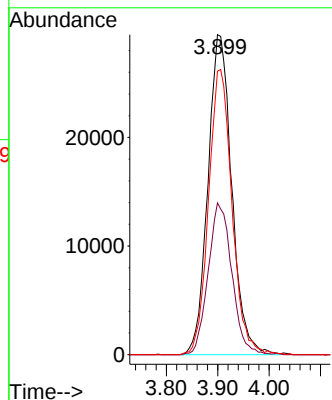
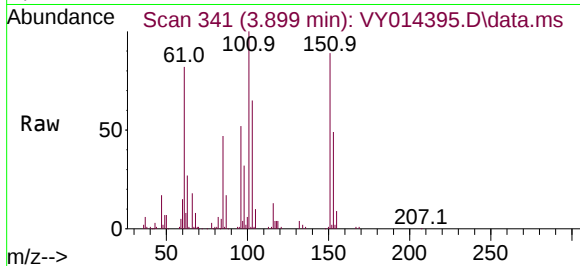
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.622 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014395.D
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Tgt Ion:101 Resp: 94989
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 87.8 67.0 100.6

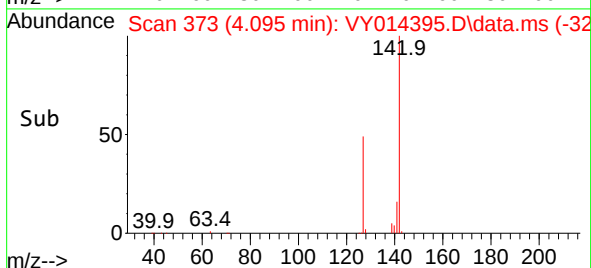
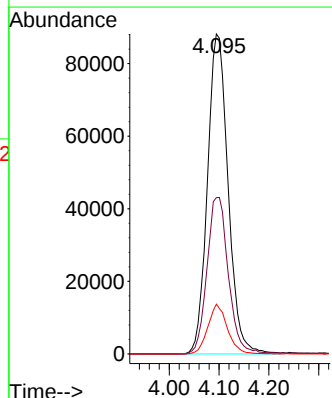
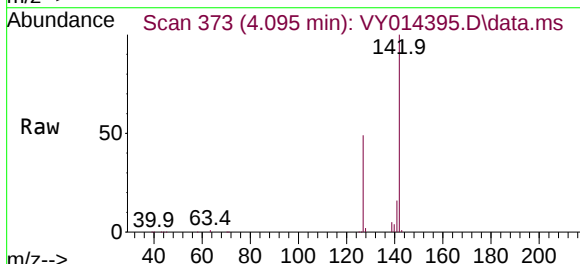
Manual Integrations
APPROVED

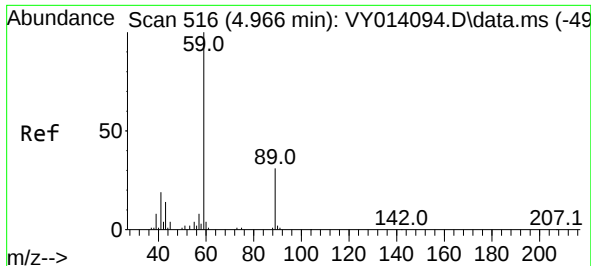
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#10
Methyl Iodide
Concen: 92.378 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

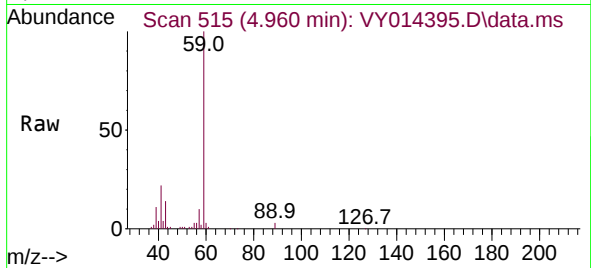
Tgt Ion:142 Resp: 253978
Ion Ratio Lower Upper
142 100
127 50.7 37.6 56.4
141 14.7 11.8 17.8





#11
Tert butyl alcohol
Concen: 277.045 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

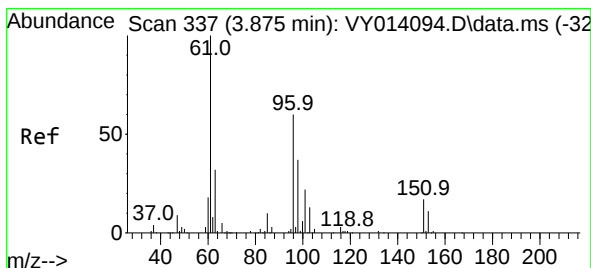
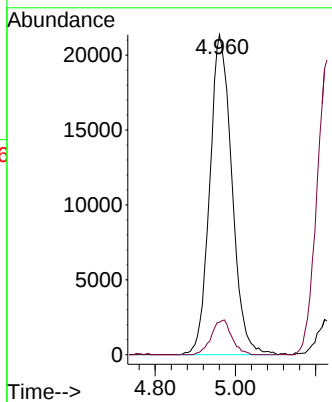
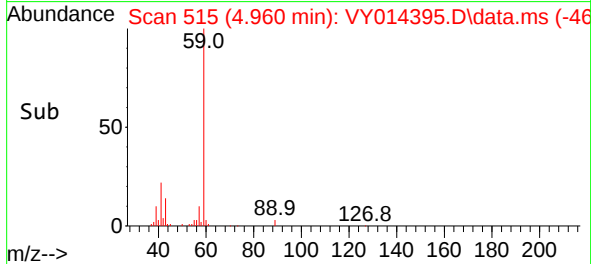
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 81890
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4

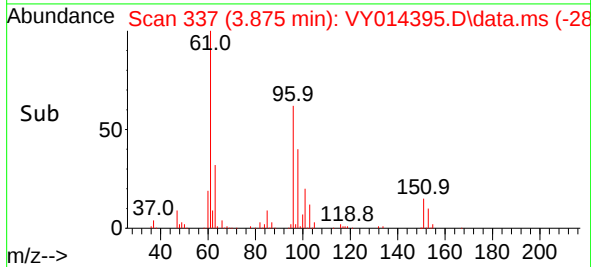
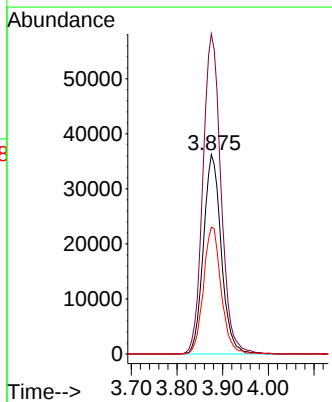
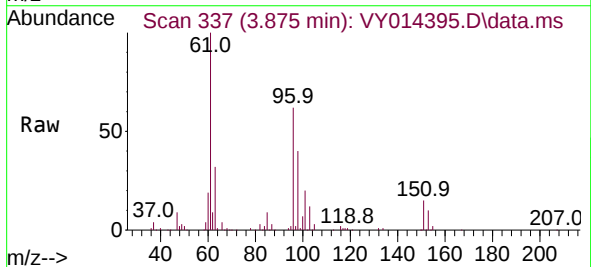
Manual Integrations
APPROVED

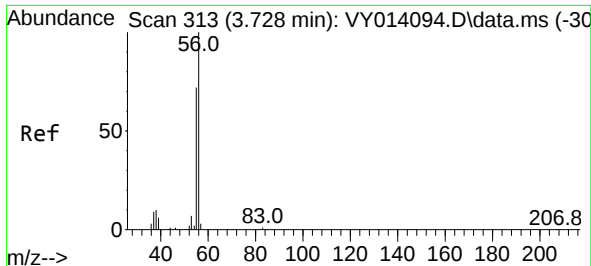
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#12
1,1-Dichloroethene
Concen: 46.396 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

Tgt Ion: 96 Resp: 97914
Ion Ratio Lower Upper
96 100
61 160.6 136.4 204.6
98 63.7 49.4 74.2





#13

Acrolein

Concen: 281.685 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.007 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 3360

Ion Ratio Lower Upper

56 100

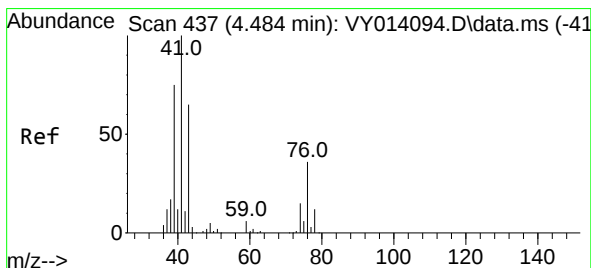
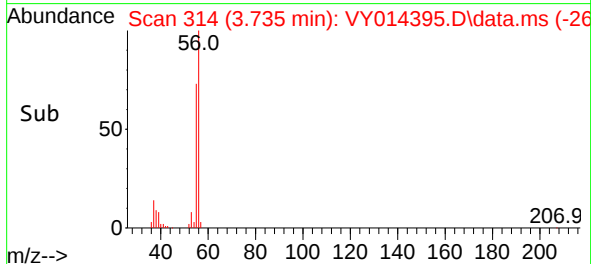
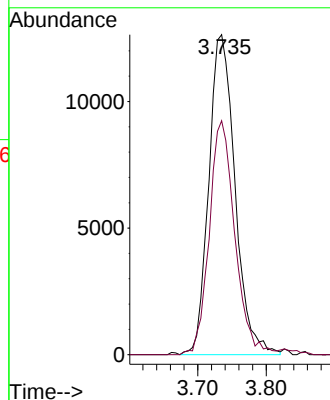
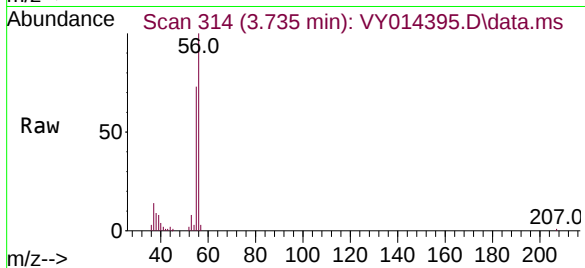
55 71.2 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#14

Allyl chloride

Concen: 44.318 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.001 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

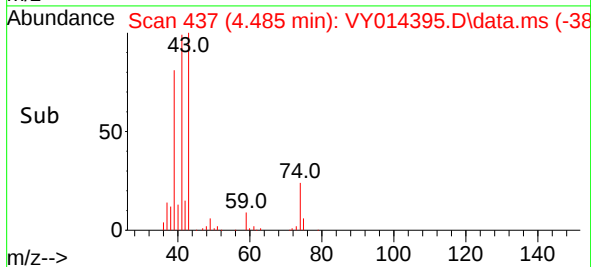
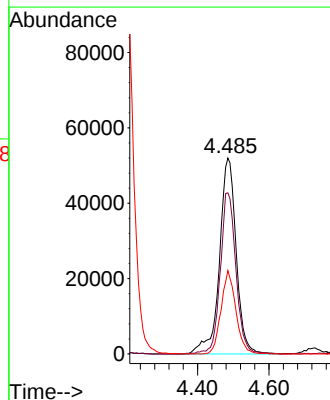
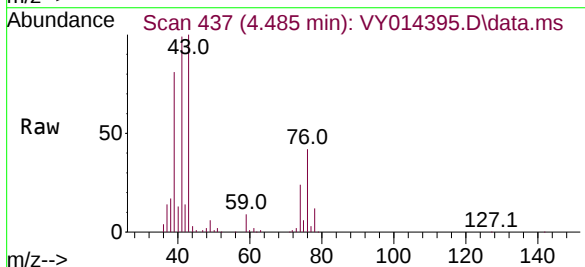
Tgt Ion: 41 Resp: 169535

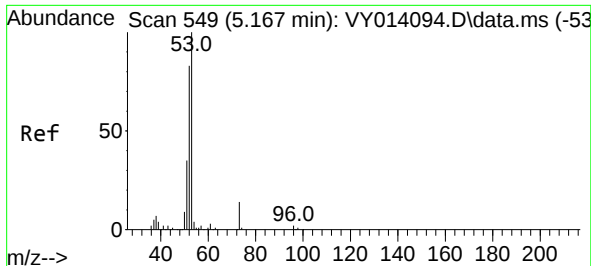
Ion Ratio Lower Upper

41 100

39 76.9 58.0 87.0

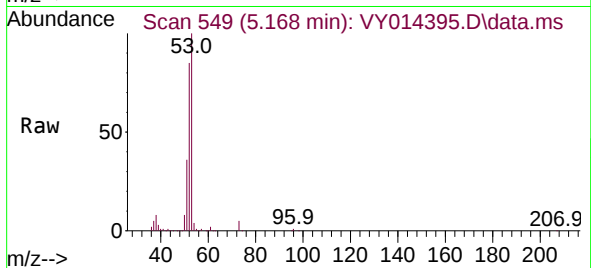
76 37.4 27.4 41.2





#15
Acrylonitrile
Concen: 281.538 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.001 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

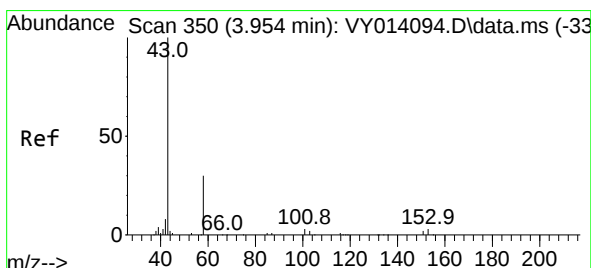
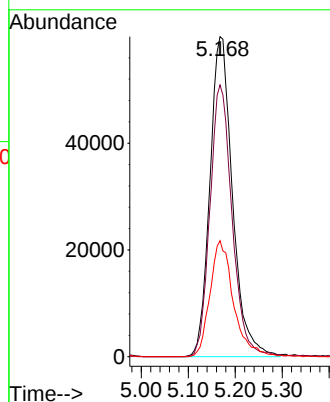
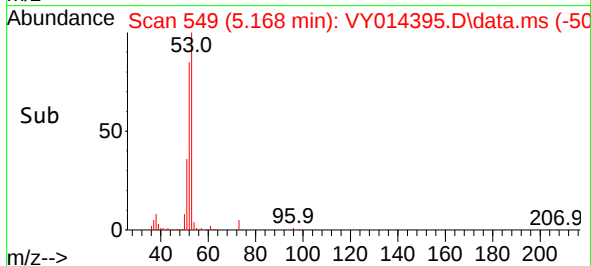
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



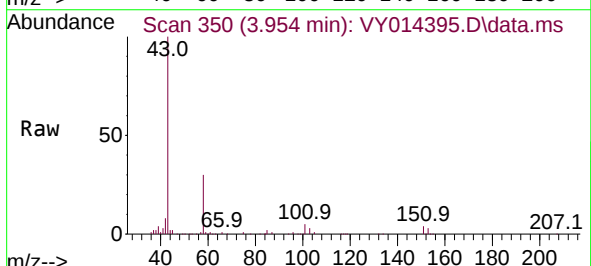
Tgt Ion: 53 Resp: 200045
Ion Ratio Lower Upper
53 100
52 83.3 66.9 100.3
51 37.8 29.8 44.6

Manual Integrations
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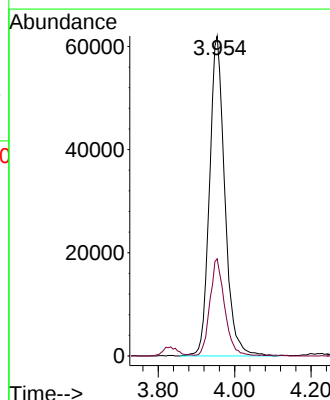
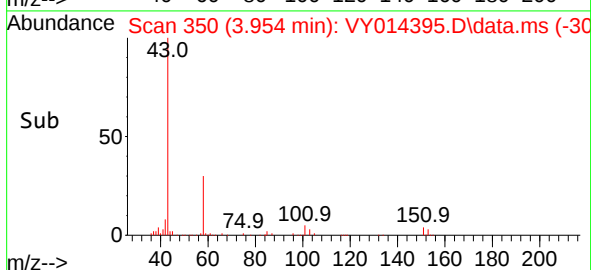
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

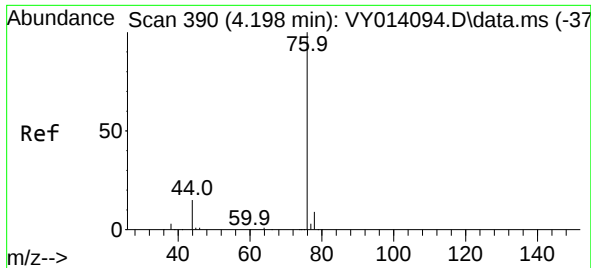


#16
Acetone
Concen: 221.984 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29



Tgt Ion: 43 Resp: 172223
Ion Ratio Lower Upper
43 100
58 30.2 22.7 34.1





#17

Carbon Disulfide

Concen: 42.013 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.000 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 28731

Ion Ratio Lower Upper

76 100

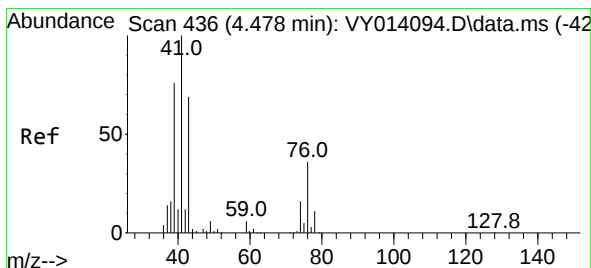
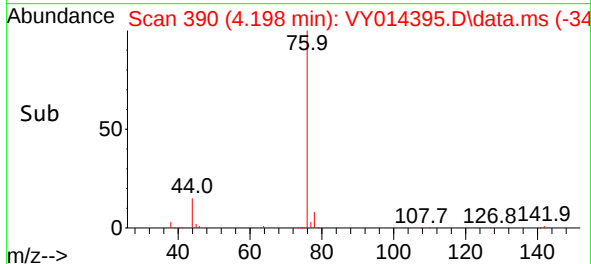
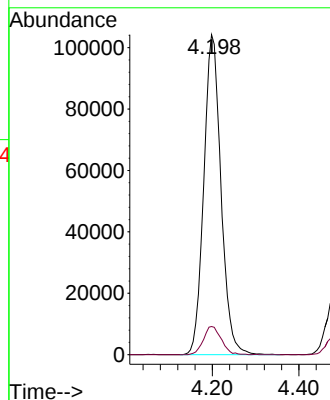
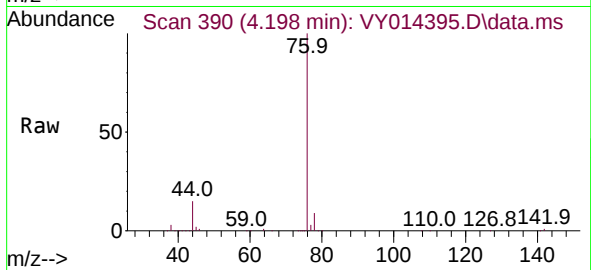
78 8.8 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#18

Methyl Acetate

Concen: 51.969 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.007 min

Lab File: VY014395.D

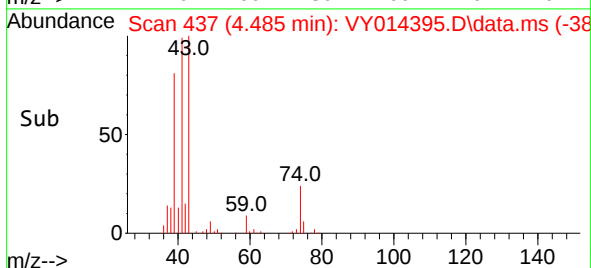
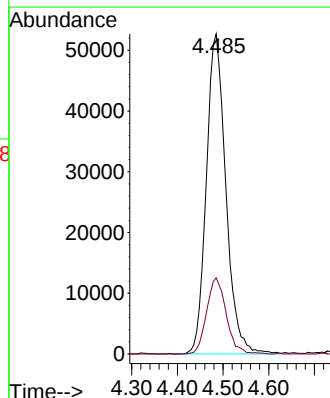
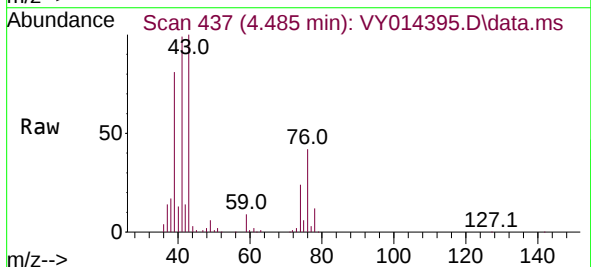
Acq: 22 Jun 2023 21:29

Tgt Ion: 43 Resp: 156500

Ion Ratio Lower Upper

43 100

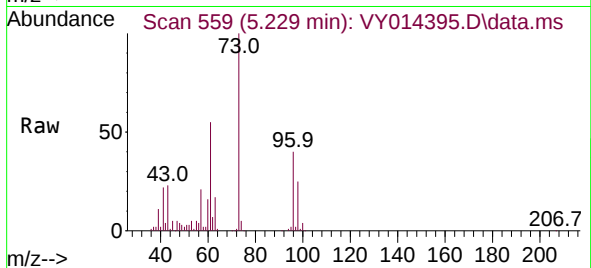
74 23.8 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 54.678 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

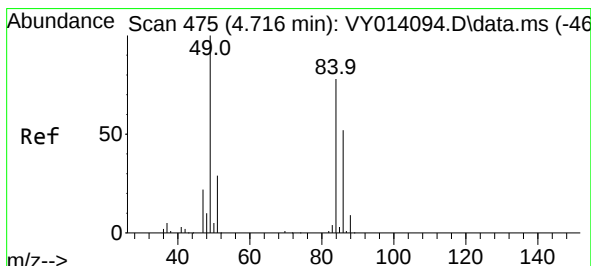
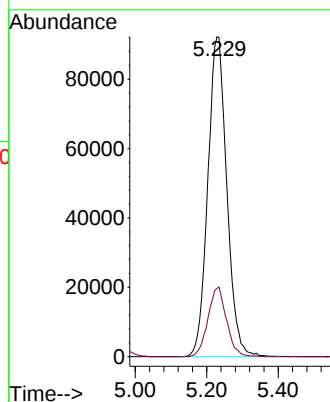
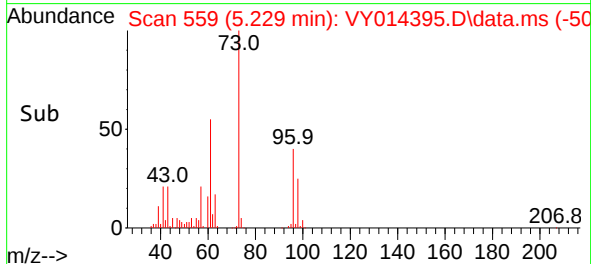
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 34032
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

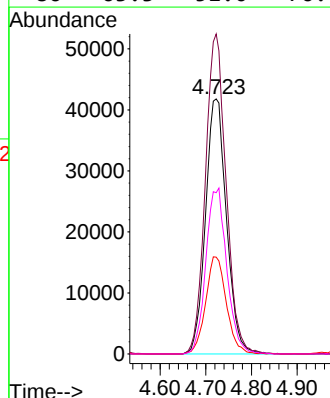
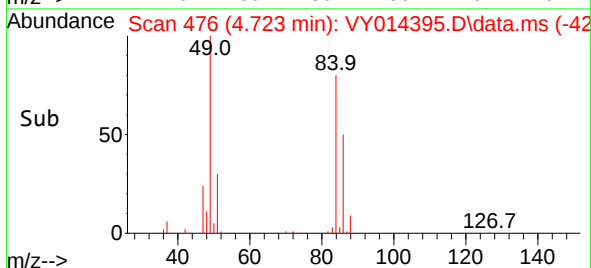
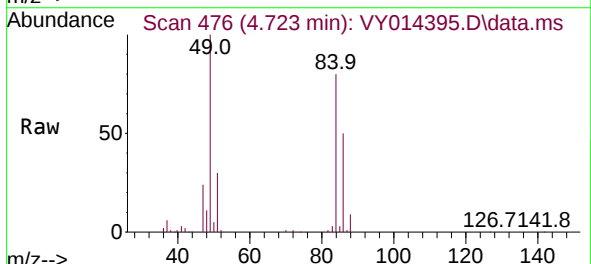
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#20
Methylene Chloride
Concen: 54.238 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

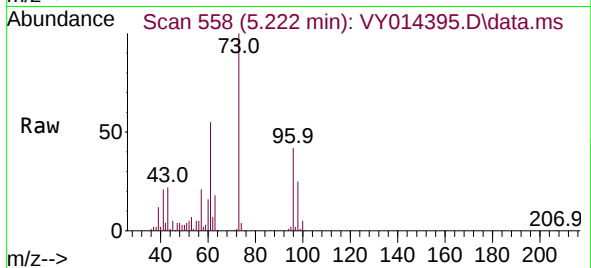
Tgt Ion: 84 Resp: 133588
Ion Ratio Lower Upper
84 100
49 125.4 106.9 160.3
51 37.9 33.2 49.8
86 63.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 49.462 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

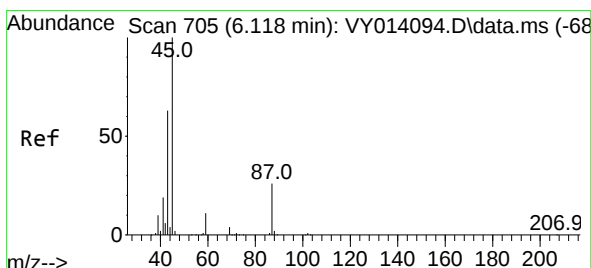
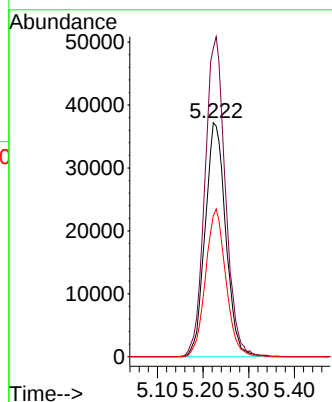
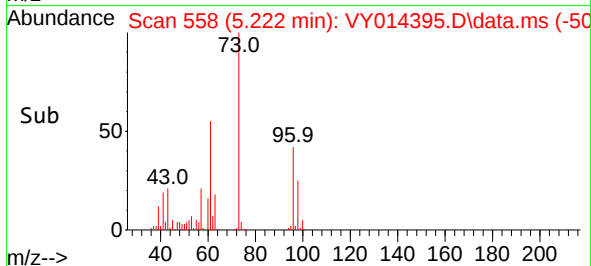
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



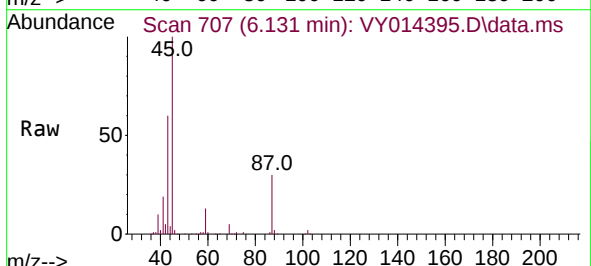
Tgt Ion: 96 Resp: 116420
Ion Ratio Lower Upper
96 100
61 131.7 110.2 165.4
98 60.3 51.8 77.6

Manual Integrations
APPROVED

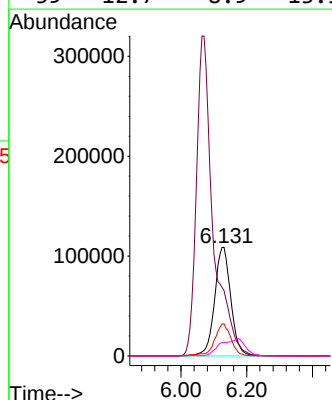
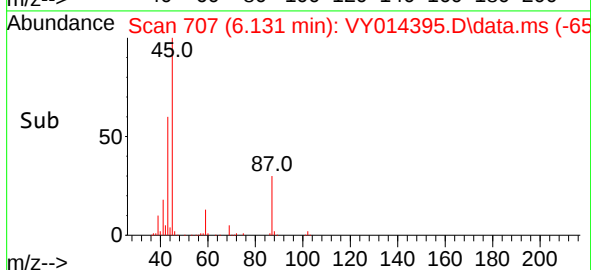
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#22
Diisopropyl ether
Concen: 50.574 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.013 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29



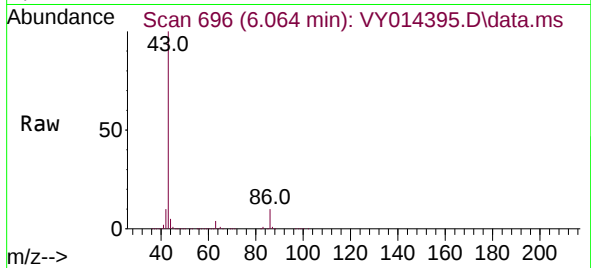
Tgt Ion: 45 Resp: 370423
Ion Ratio Lower Upper
45 100
43 60.0 52.2 78.4
87 29.5 21.0 31.6
59 12.7 8.9 13.3





#23
 Vinyl Acetate
 Concen: 260.937 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014395.D
 Acq: 22 Jun 2023 21:29

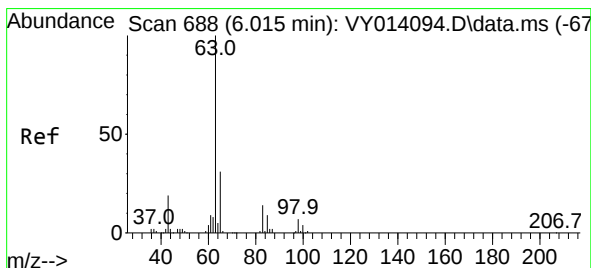
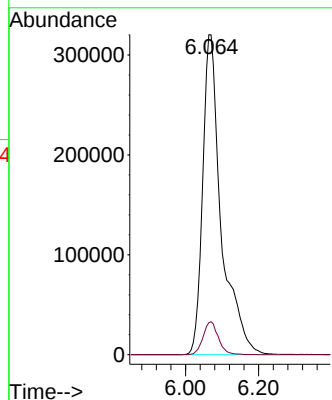
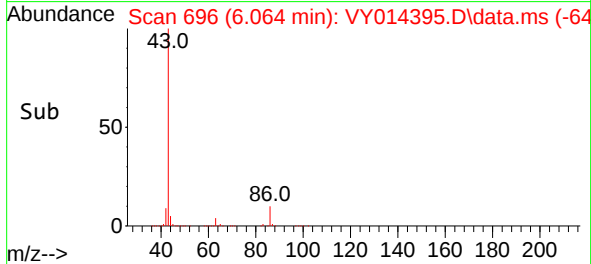
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



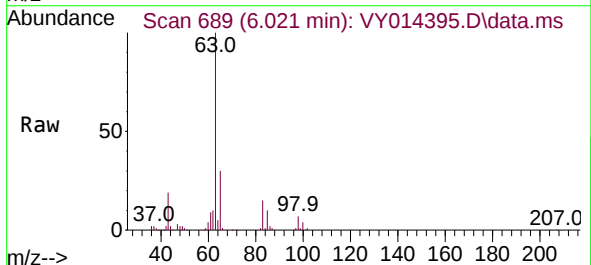
Tgt Ion: 43 Resp: 112764
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.5 11.3

Manual Integrations
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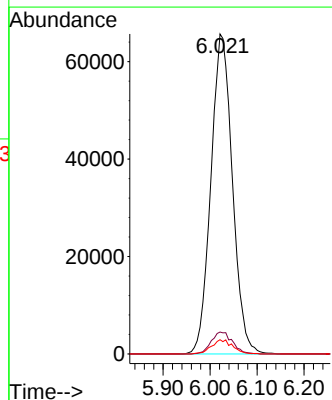
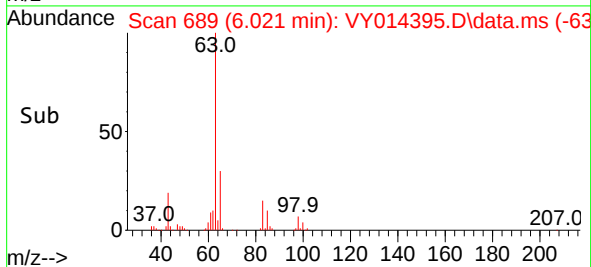
Reviewed By :Krupa Patel 06/23/2023
 Supervised By :Mahesh Dadoda 06/23/2023



#24
 1,1-Dichloroethane
 Concen: 49.518 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY014395.D
 Acq: 22 Jun 2023 21:29



Tgt Ion: 63 Resp: 209114
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 276.356 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 263920

Ion Ratio Lower Upper

43 100

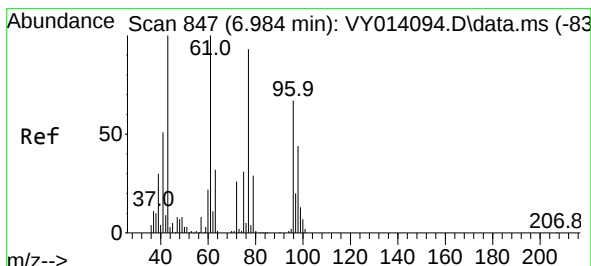
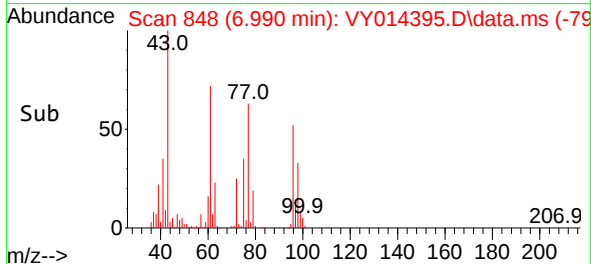
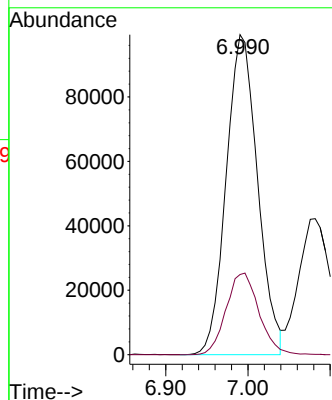
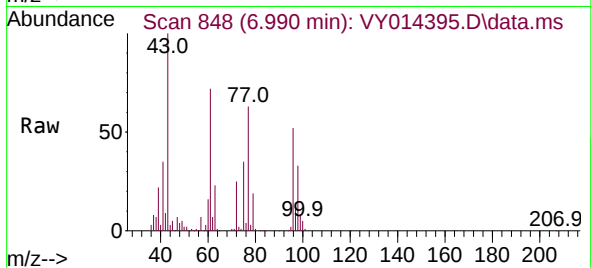
72 25.0 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#26

2,2-Dichloropropane

Concen: 47.148 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY014395.D

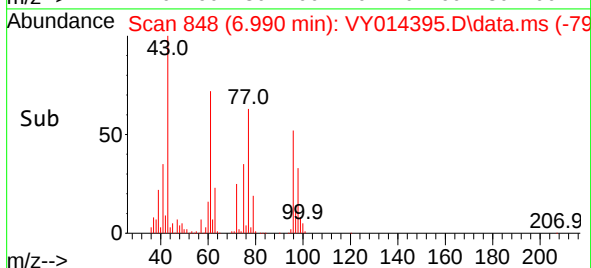
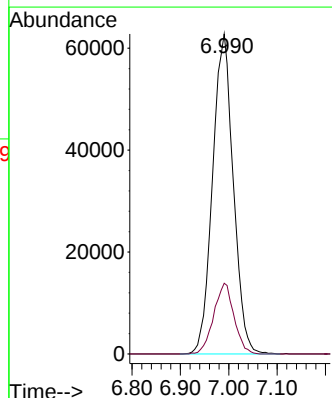
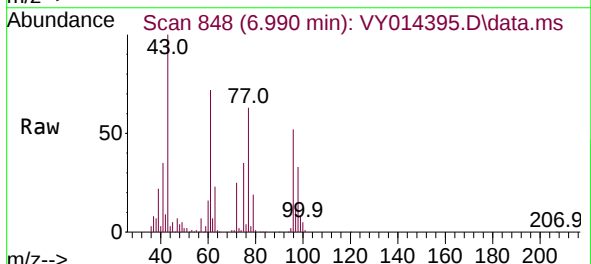
Acq: 22 Jun 2023 21:29

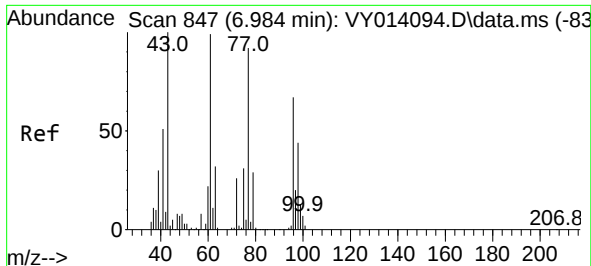
Tgt Ion: 77 Resp: 187006

Ion Ratio Lower Upper

77 100

97 21.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.423 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

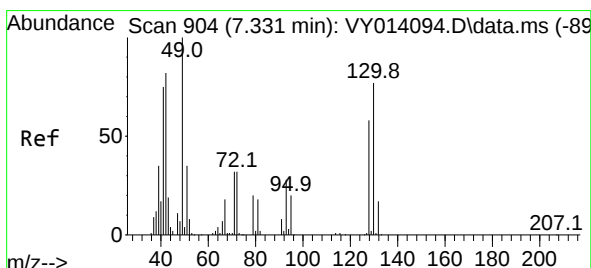
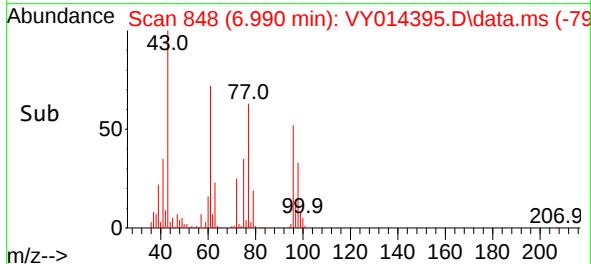
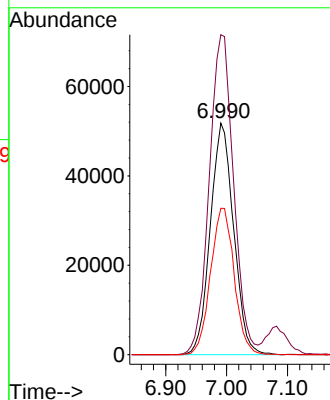
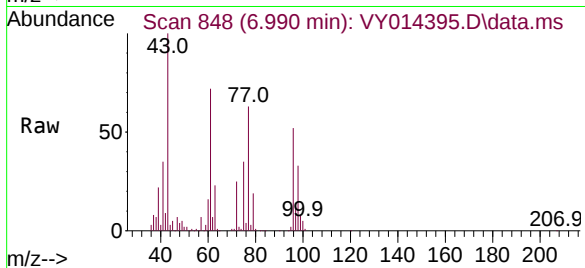
Tgt Ion:	96	Resp:	13803
Ion Ratio	Lower	Upper	
96	100		
61	143.9	0.0	301.4
98	64.0	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#28

Bromochloromethane

Concen: 43.419 ug/l

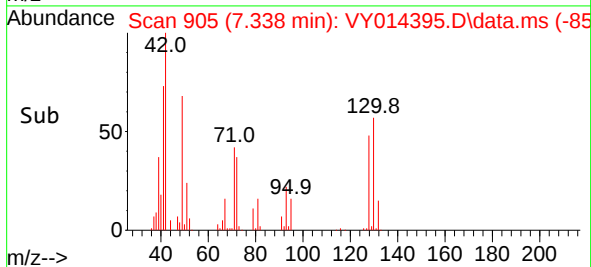
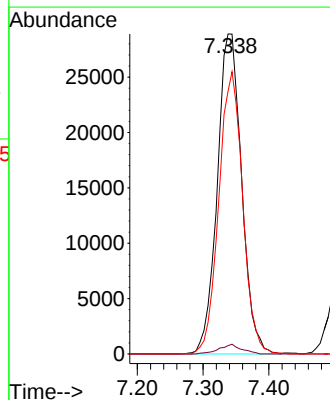
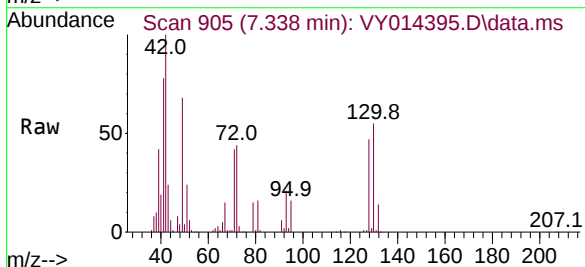
RT: 7.338 min Scan# 905

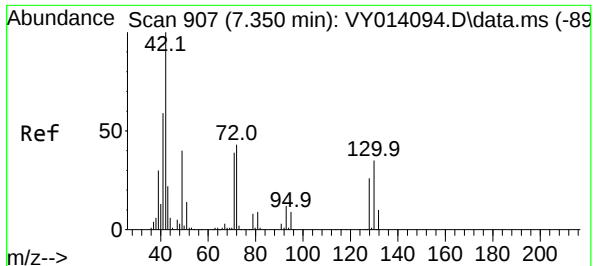
Delta R.T. 0.007 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Tgt Ion:	49	Resp:	74565
Ion Ratio	Lower	Upper	
49	100		
129	2.8	0.0	4.6
130	86.2	60.7	91.1





#29

Tetrahydrofuran

Concen: 289.224 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

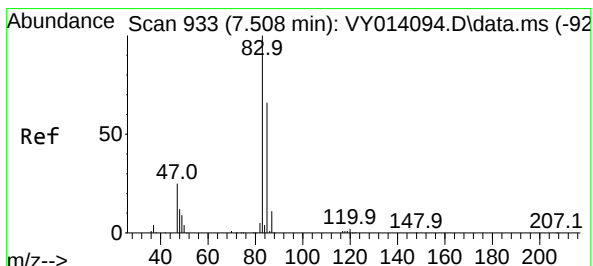
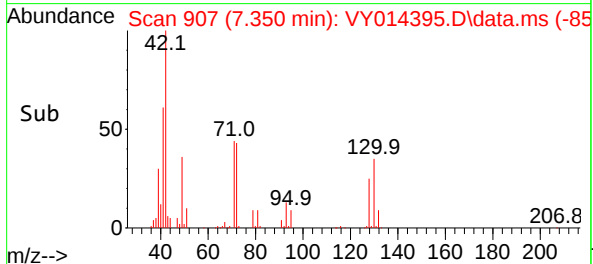
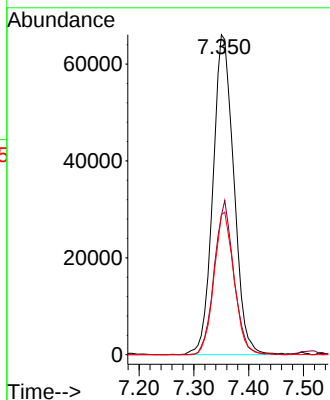
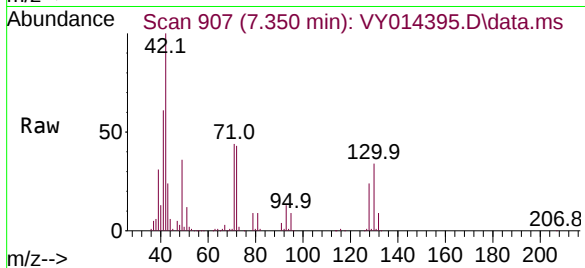
Tgt Ion:	42	Resp:	17515
Ion Ratio	Lower	Upper	
42	100		
72	45.0	32.8	49.2
71	42.9	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#30

Chloroform

Concen: 53.809 ug/l

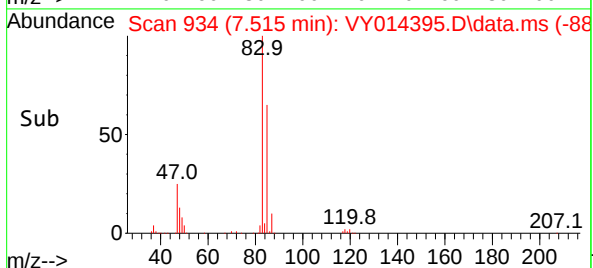
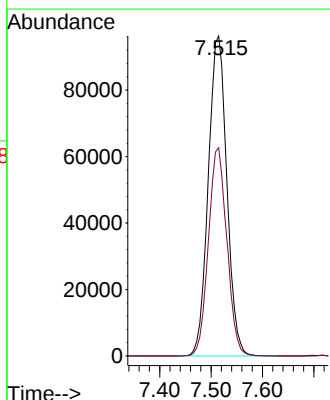
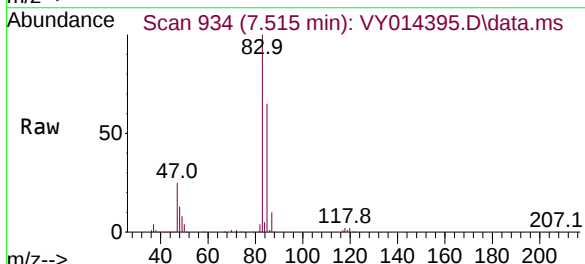
RT: 7.515 min Scan# 934

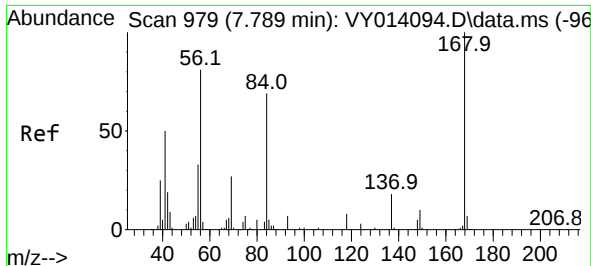
Delta R.T. 0.007 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

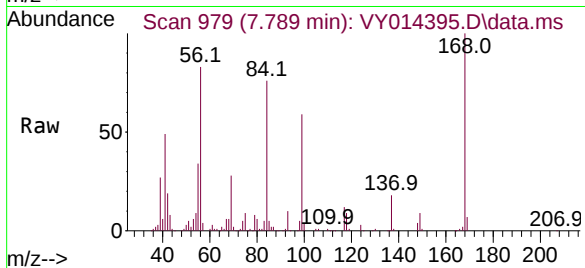
Tgt Ion:	83	Resp:	241072
Ion Ratio	Lower	Upper	
83	100		
85	65.1	49.7	74.5





#31
Cyclohexane
Concen: 44.563 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

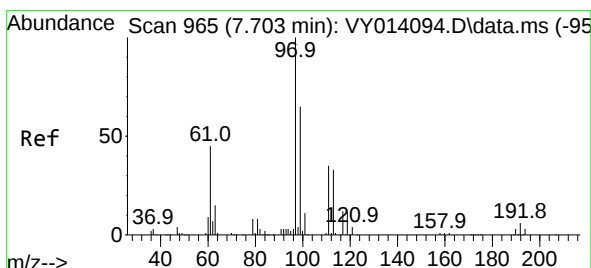
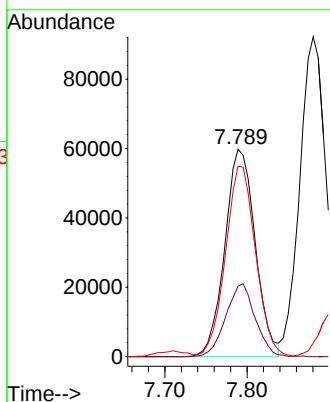
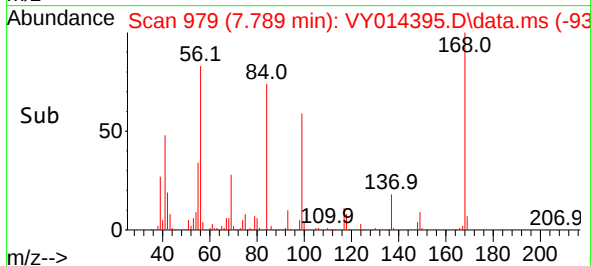
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 153650
Ion Ratio Lower Upper
56 100
69 33.9 27.8 41.6
84 89.3 66.4 99.6

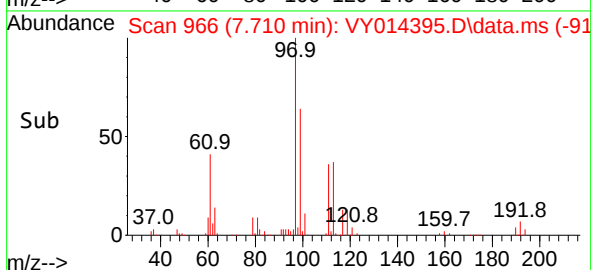
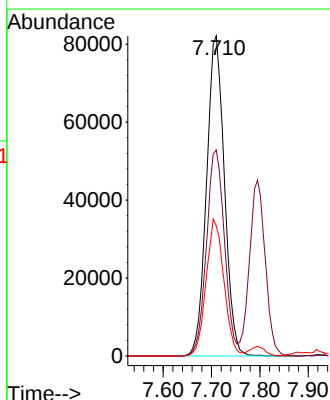
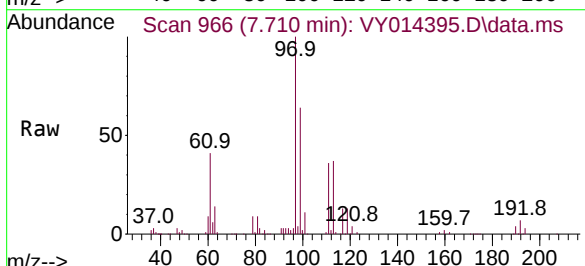
Manual Integrations
APPROVED

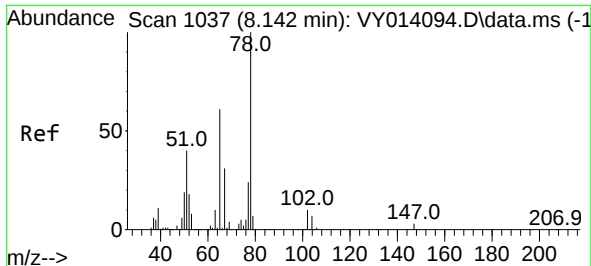
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#32
1,1,1-Trichloroethane
Concen: 52.119 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.007 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

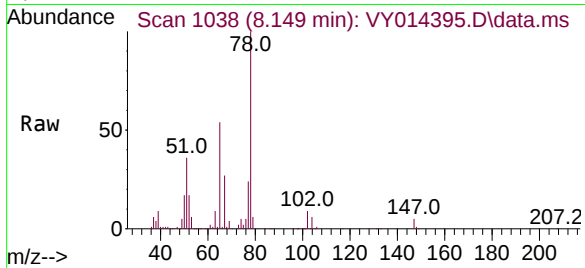
Tgt Ion: 97 Resp: 210598
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 42.6 35.1 52.7





#33
1,2-Dichloroethane-d4
Concen: 50.833 ug/l
RT: 8.149 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

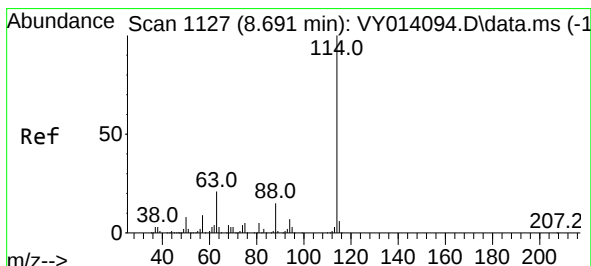
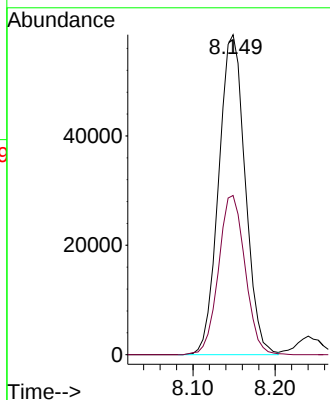
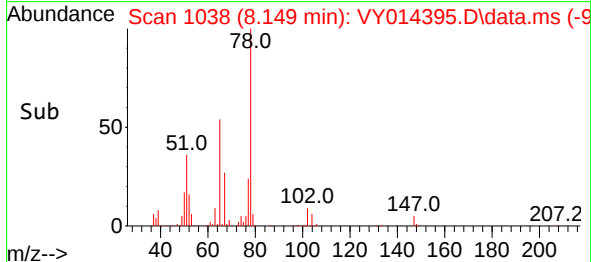
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 130835
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8

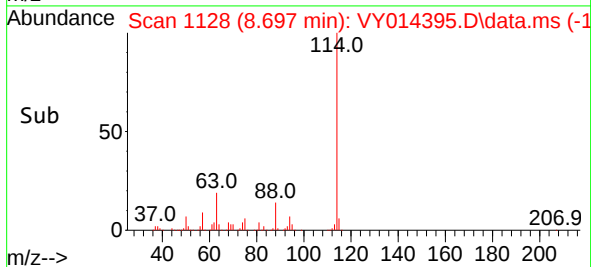
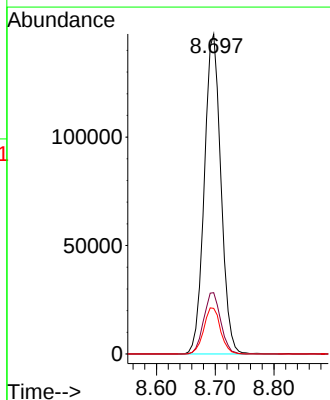
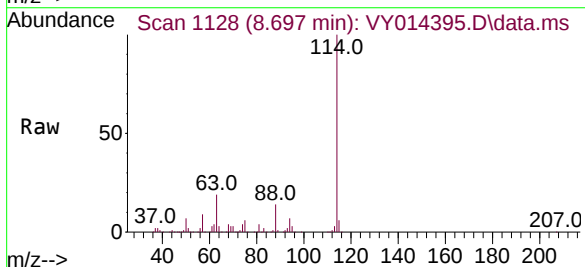
Manual Integrations
APPROVED

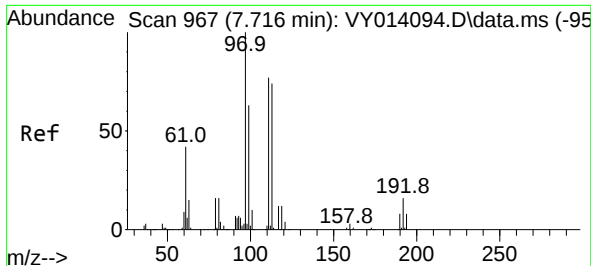
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

Tgt Ion:114 Resp: 289249
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.618 ug/l

RT: 7.722 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

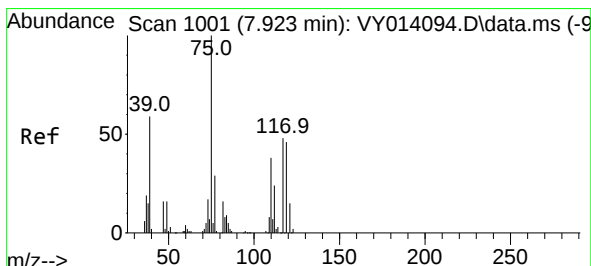
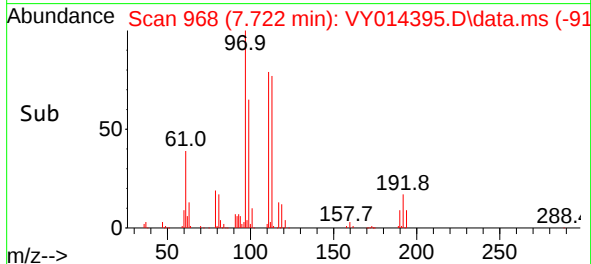
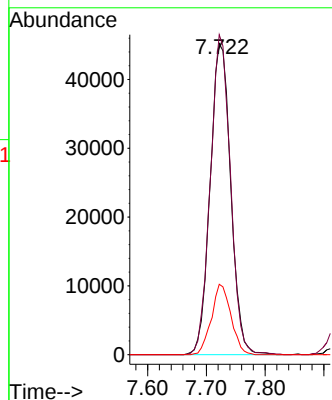
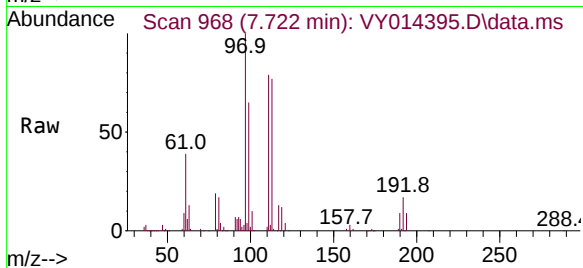
Tgt Ion:113 Resp: 10998
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.3 121.9
 192 21.5 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#36

1,1-Dichloropropene

Concen: 49.043 ug/l

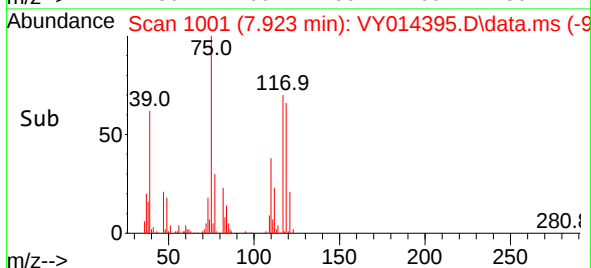
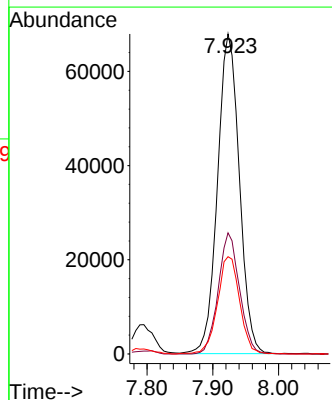
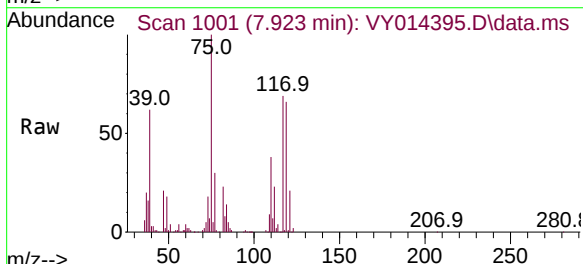
RT: 7.923 min Scan# 1001

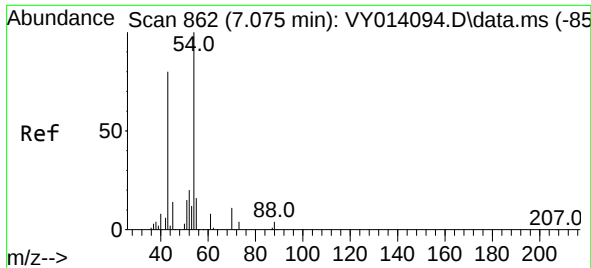
Delta R.T. 0.000 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

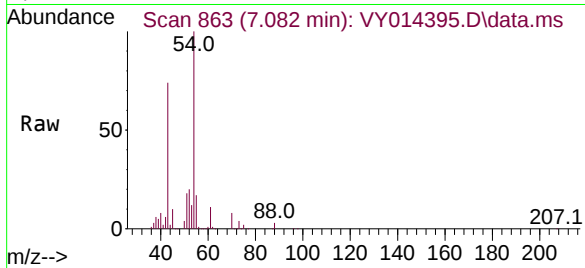
Tgt Ion: 75 Resp: 156838
 Ion Ratio Lower Upper
 75 100
 110 36.9 17.8 53.5
 77 30.9 24.4 36.6





#37
Ethyl Acetate
Concen: 53.241 ug/l
RT: 7.082 min Scan# 862
Delta R.T. 0.007 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

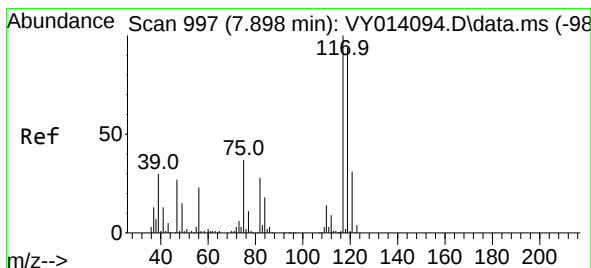
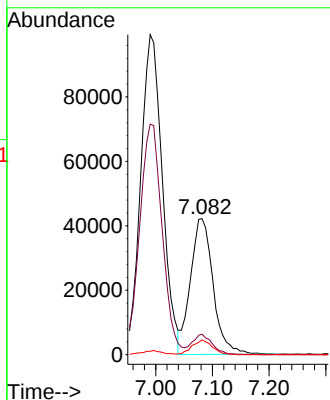
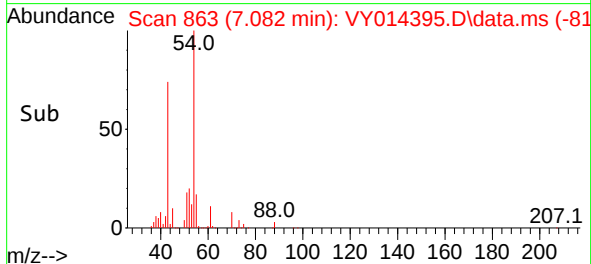
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 117480
Ion Ratio Lower Upper
43 100
61 13.4 10.1 15.1
70 9.7 7.1 10.7

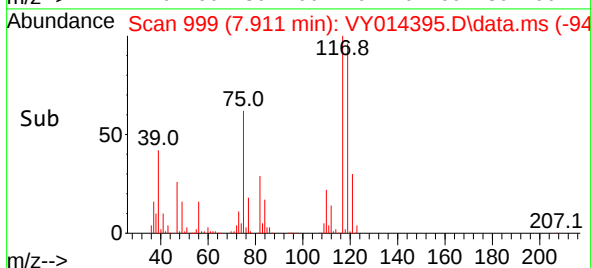
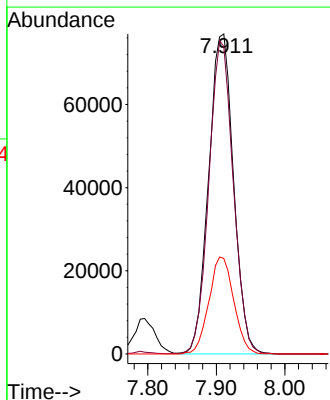
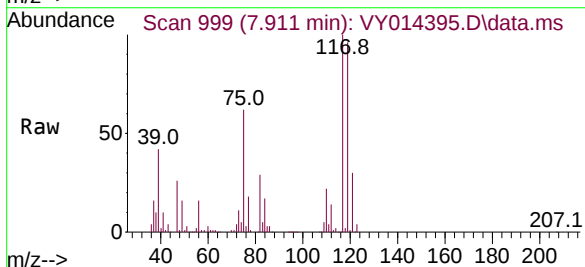
Manual Integrations
APPROVED

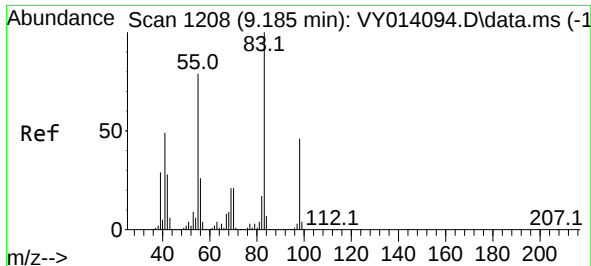
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#38
Carbon Tetrachloride
Concen: 52.633 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.013 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

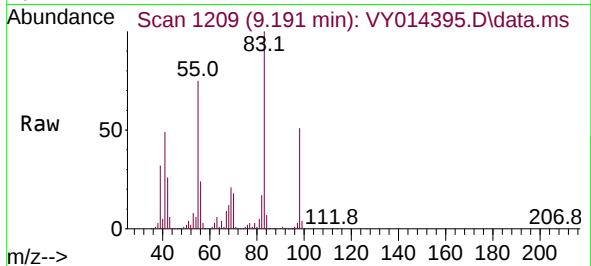
Tgt Ion:117 Resp: 194239
Ion Ratio Lower Upper
117 100
119 96.0 76.4 114.6
121 29.9 25.8 38.6





#39
Methylcyclohexane
Concen: 47.862 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

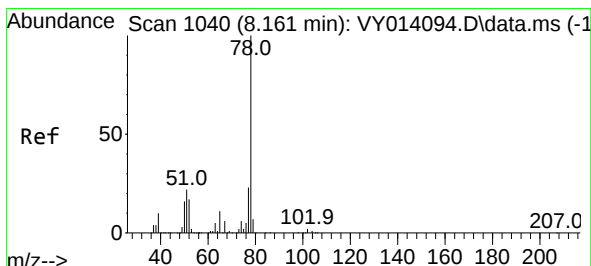
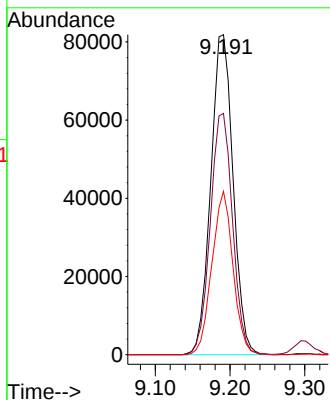
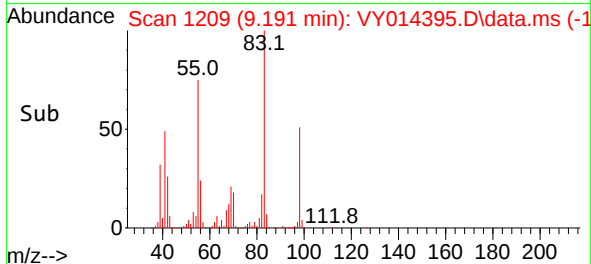
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 169824
Ion Ratio Lower Upper
83 100
55 75.4 63.0 94.4
98 51.1 37.4 56.2

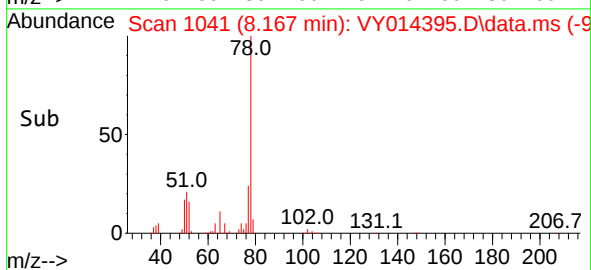
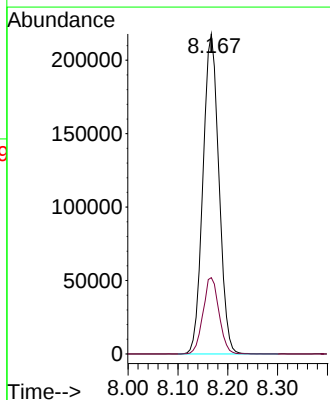
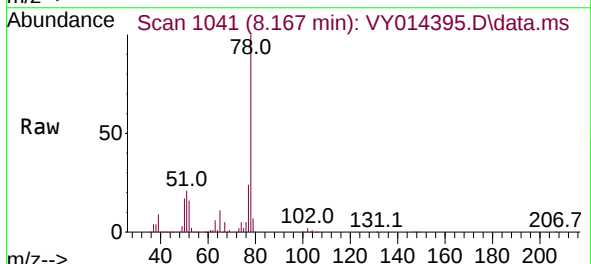
Manual Integrations
APPROVED

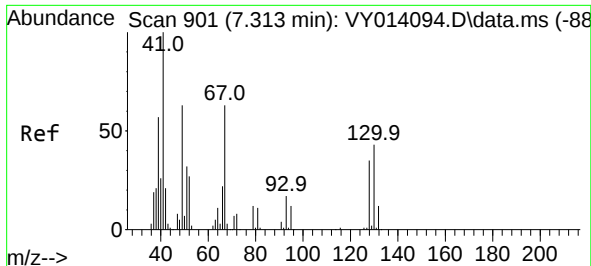
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#40
Benzene
Concen: 50.899 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

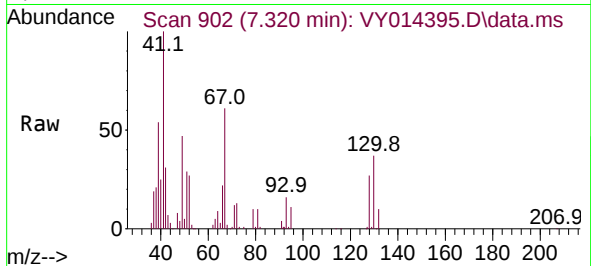
Tgt Ion: 78 Resp: 484028
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 44.232 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.007 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

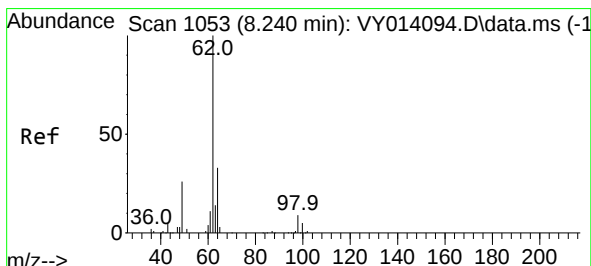
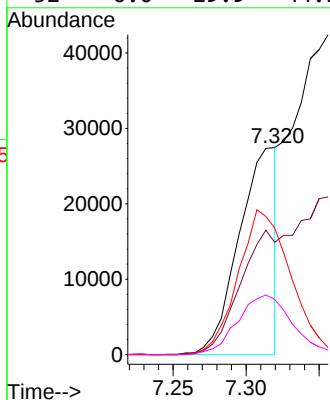
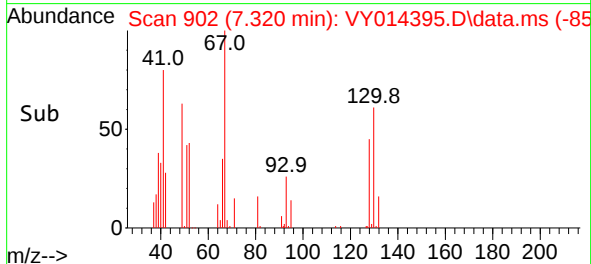
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 4981
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

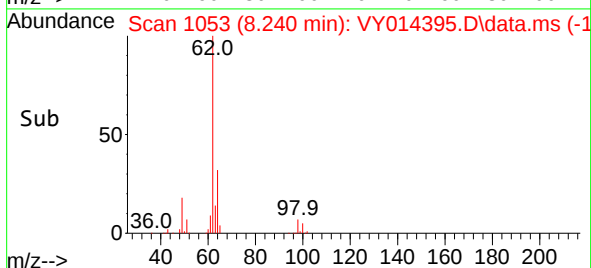
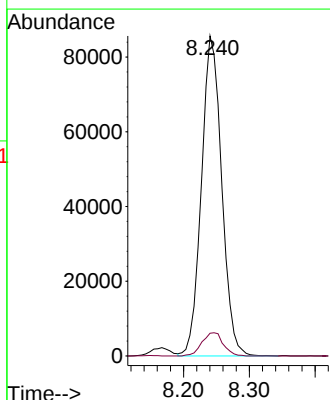
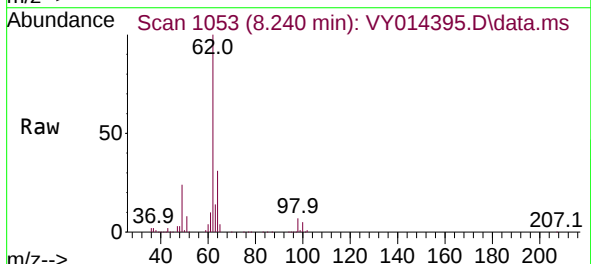
Manual Integrations
APPROVED

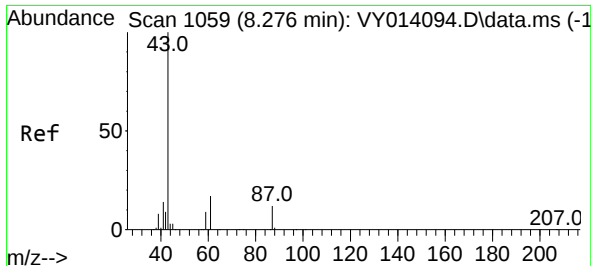
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#42
1,2-Dichloroethane
Concen: 54.664 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

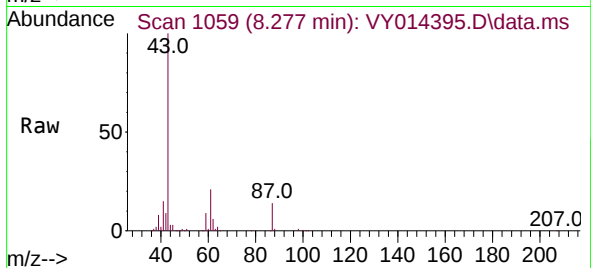
Tgt Ion: 62 Resp: 183825
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.8





#43
Isopropyl Acetate
Concen: 54.447 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

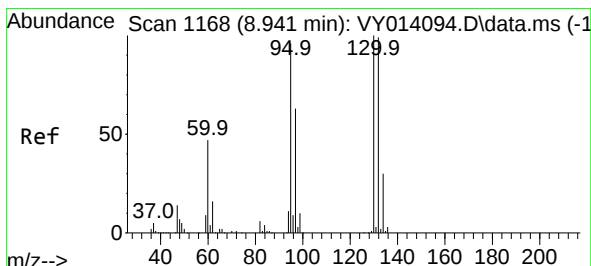
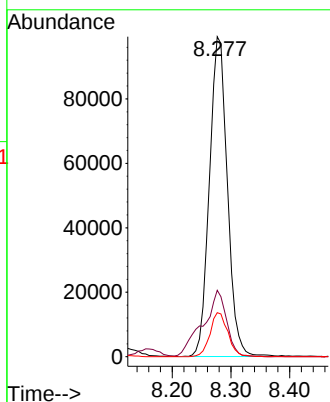
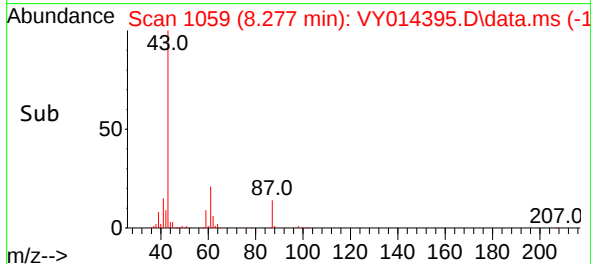
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 210570
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 13.7 9.8 14.8

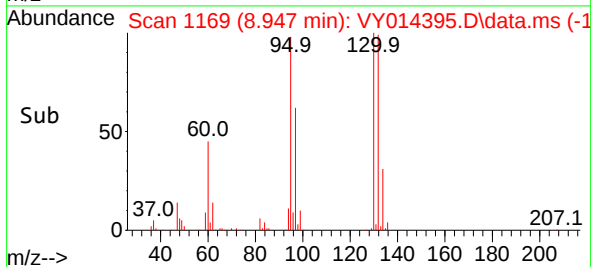
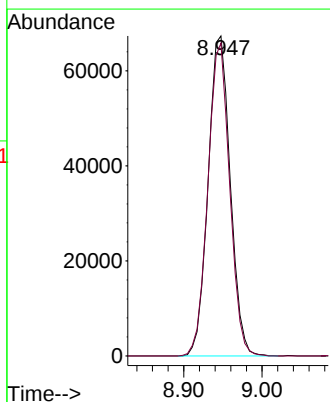
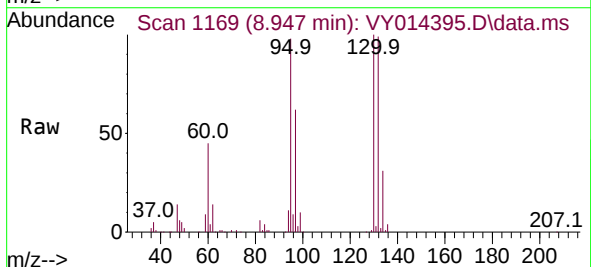
Manual Integrations
APPROVED

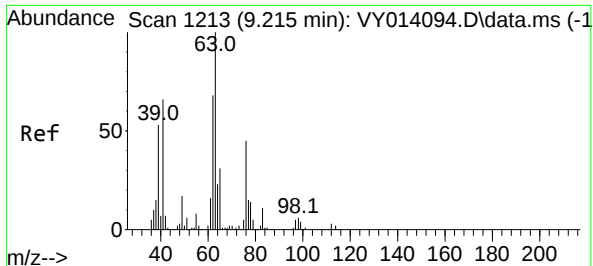
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#44
Trichloroethene
Concen: 52.025 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

Tgt Ion:130 Resp: 132182
Ion Ratio Lower Upper
130 100
95 97.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.727 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.007 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 12011

Ion Ratio Lower Upper

63 100

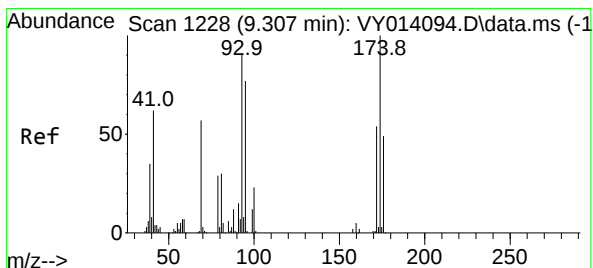
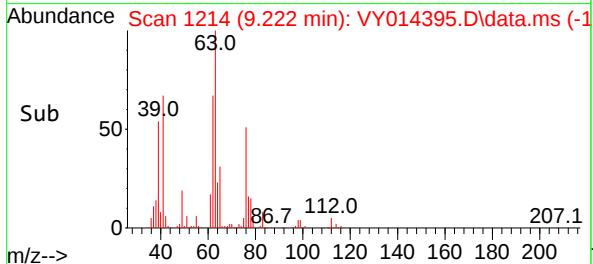
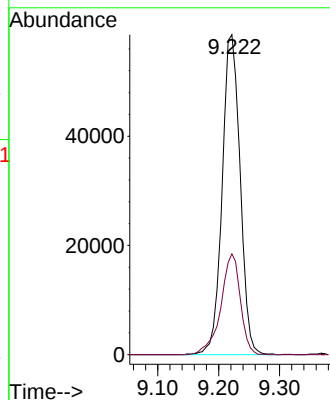
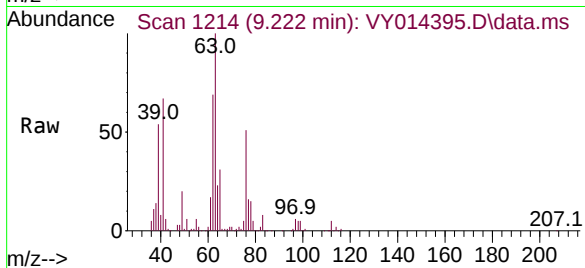
65 31.5 23.8 35.6

Manual Integrations

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Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#46

Dibromomethane

Concen: 52.922 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

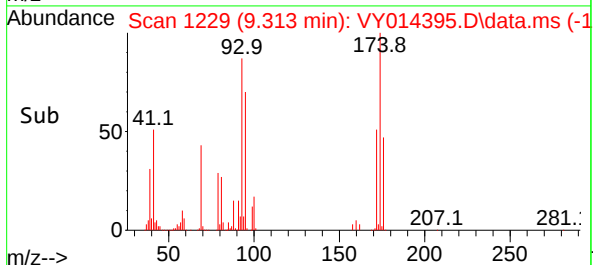
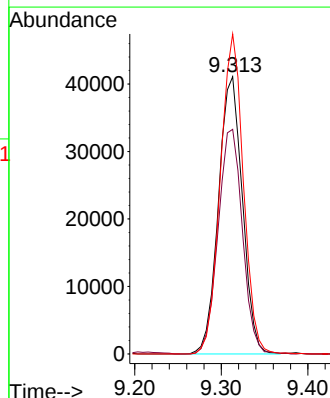
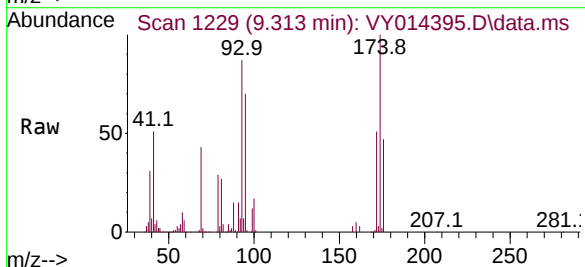
Tgt Ion: 93 Resp: 78686

Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

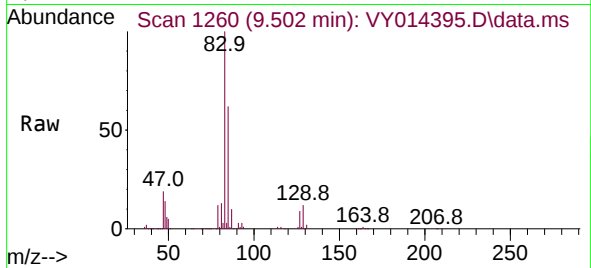
174 111.2 84.8 127.2





#47
Bromodichloromethane
Concen: 54.321 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

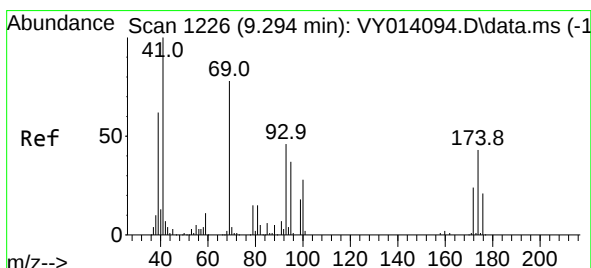
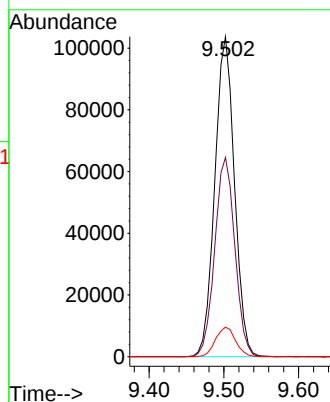
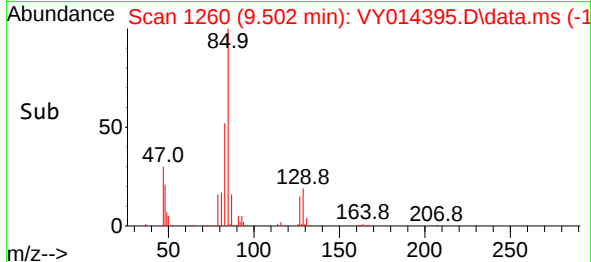
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



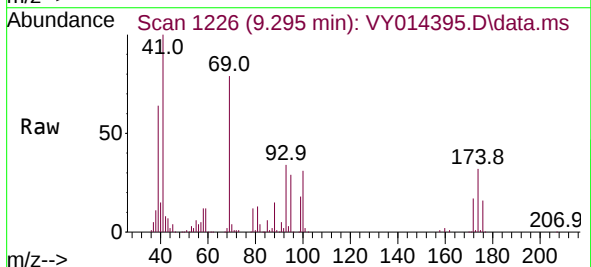
Tgt Ion: 83 Resp: 189110
Ion Ratio Lower Upper
83 100
85 62.3 50.1 75.1
127 9.3 7.1 10.7

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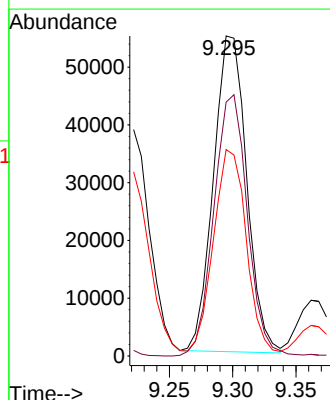
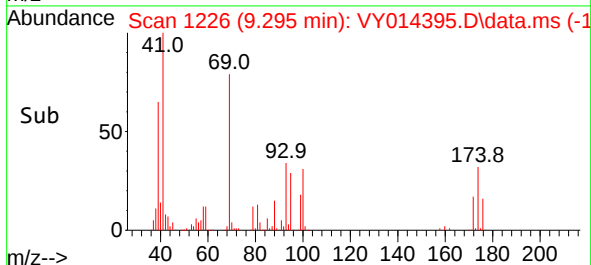
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

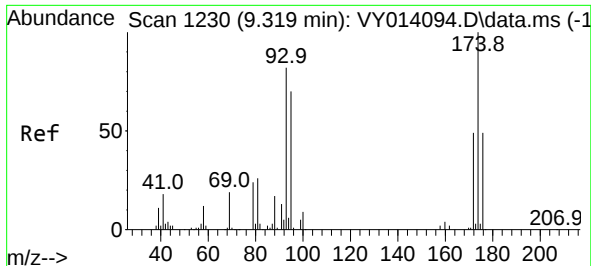


#48
Methyl methacrylate
Concen: 55.292 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29



Tgt Ion: 41 Resp: 99737
Ion Ratio Lower Upper
41 100
69 83.6 64.5 96.7
39 65.1 50.8 76.2





#49

1,4-Dioxane

Concen: 1278.292 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.018 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

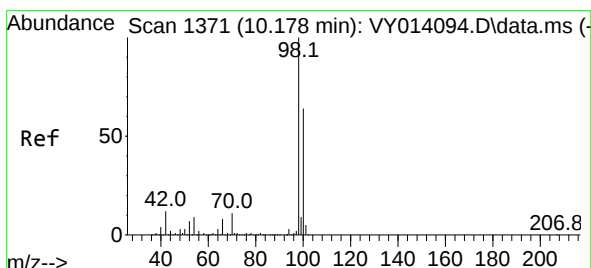
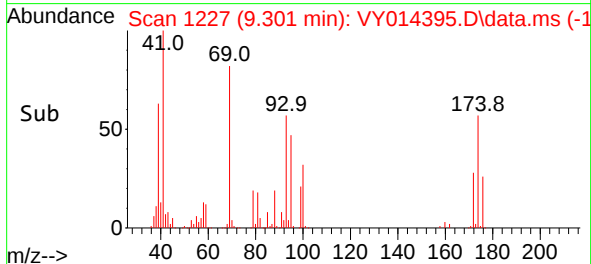
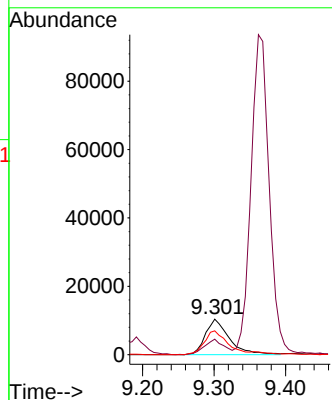
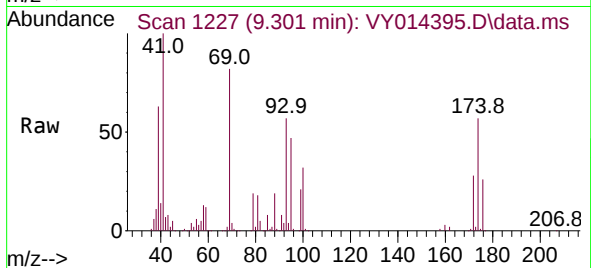
Tgt Ion:	88	Resp:	24150
Ion Ratio	Lower	Upper	
88	100		
43	35.8	0.0	0.0
58	64.8	30.9	46.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#50

Toluene-d8

Concen: 47.943 ug/l

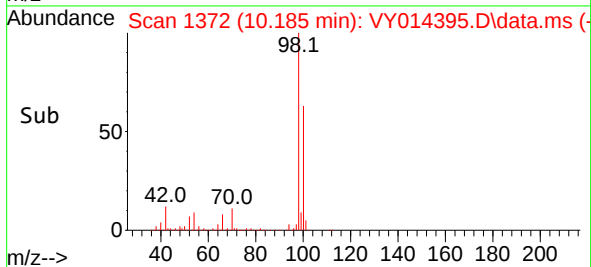
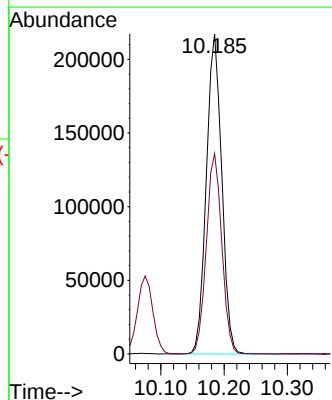
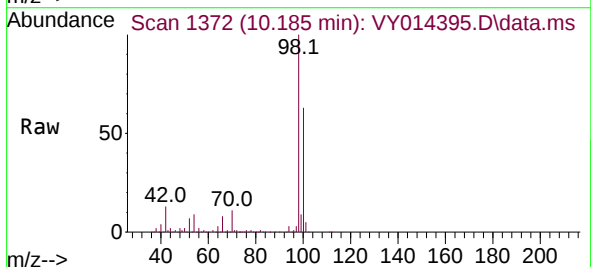
RT: 10.185 min Scan# 1372

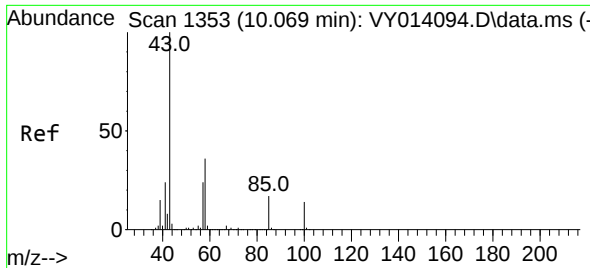
Delta R.T. 0.007 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Tgt Ion:	98	Resp:	367675
Ion Ratio	Lower	Upper	
98	100		
100	63.0	50.1	75.1





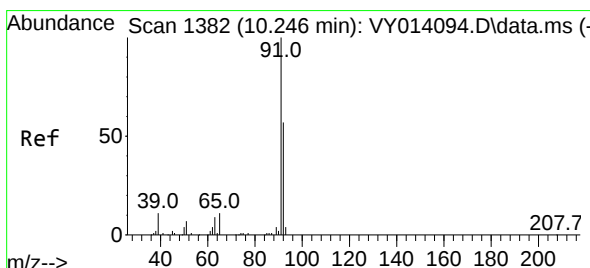
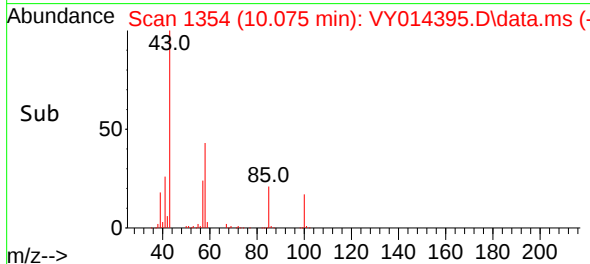
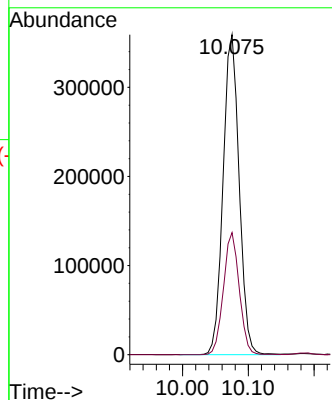
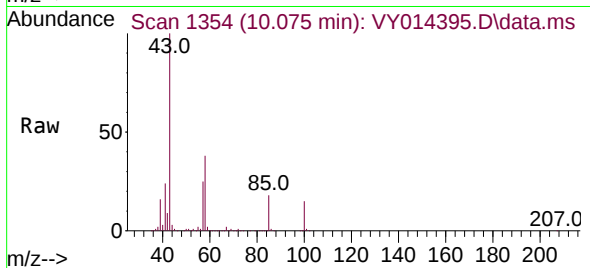
#51
4-Methyl-2-Pentanone
Concen: 290.523 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 61042
Ion Ratio Lower Upper
43 100
58 37.5 29.0 43.6

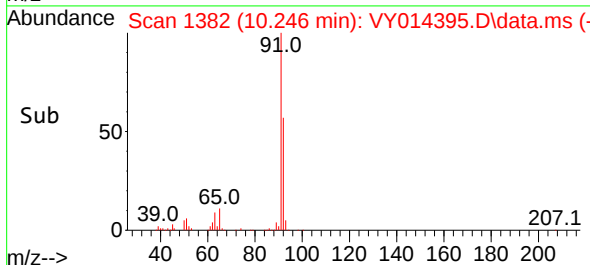
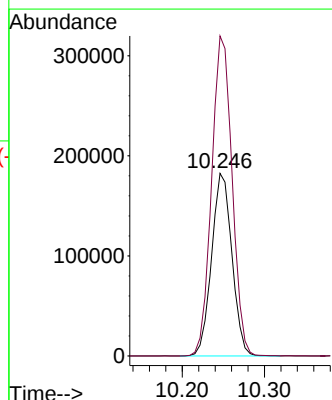
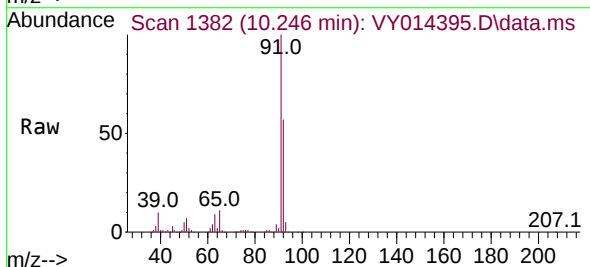
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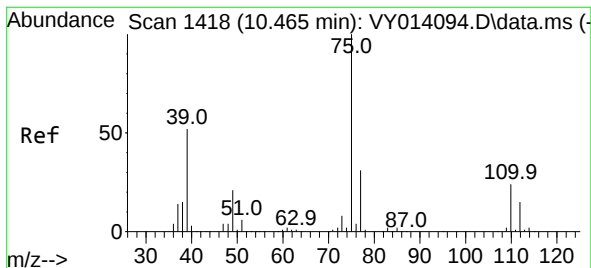
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#52
Toluene
Concen: 53.161 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

Tgt Ion: 92 Resp: 313383
Ion Ratio Lower Upper
92 100
91 176.6 143.8 215.6





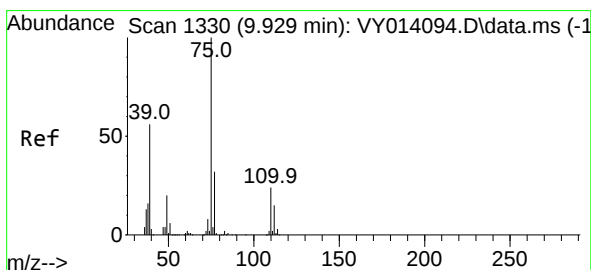
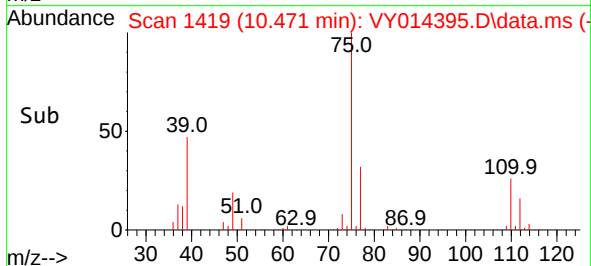
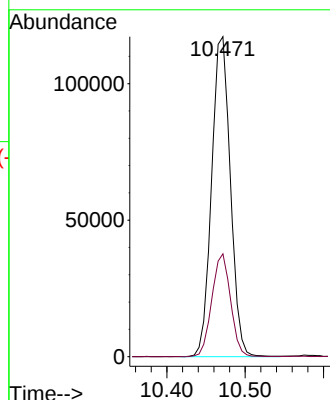
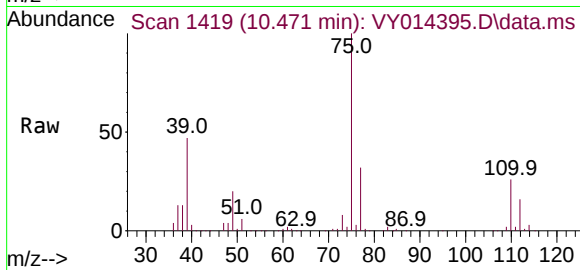
#53
t-1,3-Dichloropropene
Concen: 53.229 ug/l
RT: 10.471 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 195070
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4

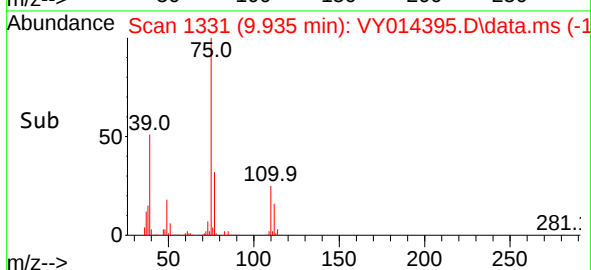
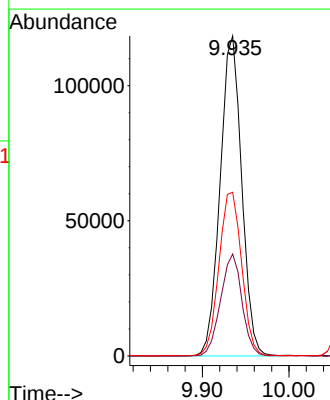
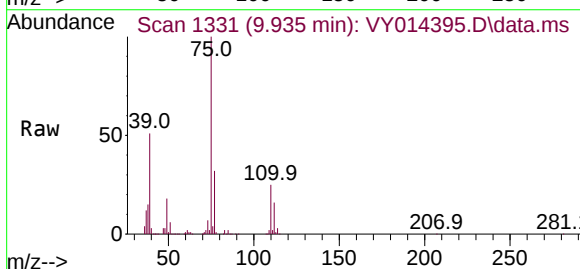
Manual Integrations
APPROVED

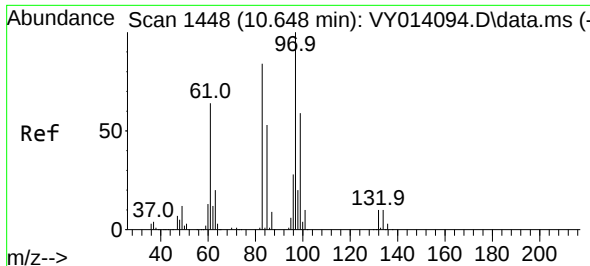
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#54
cis-1,3-Dichloropropene
Concen: 51.187 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

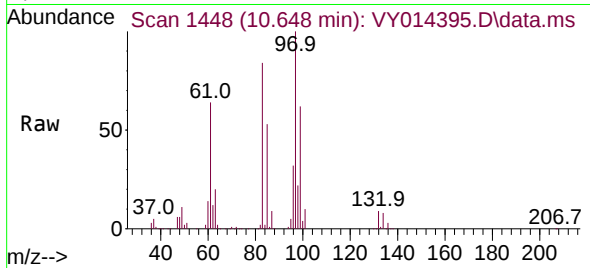
Tgt Ion: 75 Resp: 204673
Ion Ratio Lower Upper
75 100
77 31.9 24.2 36.4
39 51.1 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 55.856 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

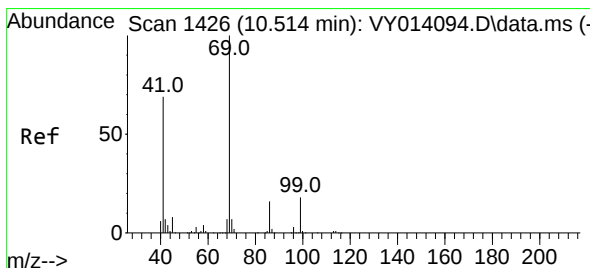
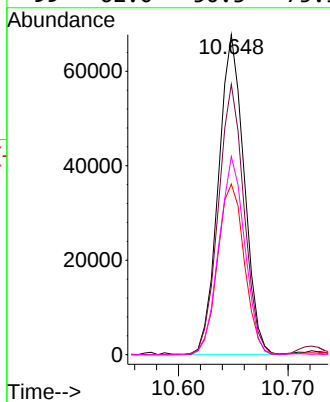
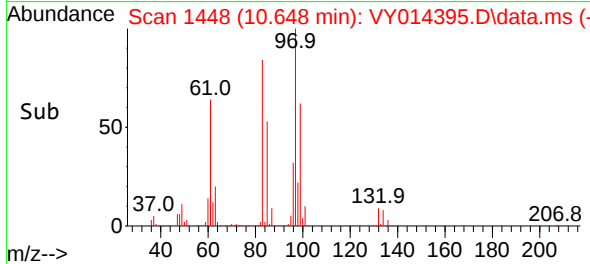
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



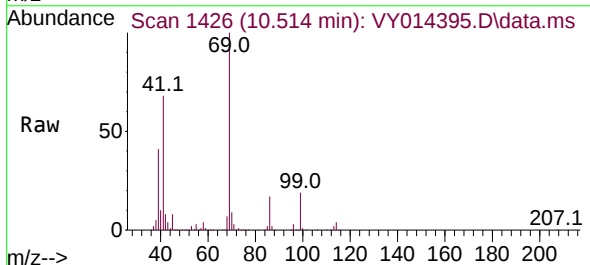
Tgt Ion: 97 Resp: 11015
Ion Ratio Lower Upper
97 100
83 84.5 72.0 108.0
85 53.4 45.4 68.0
99 62.0 50.3 75.5

Manual Integrations
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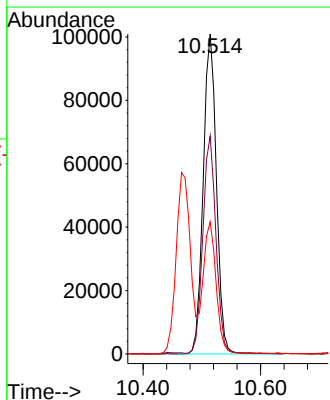
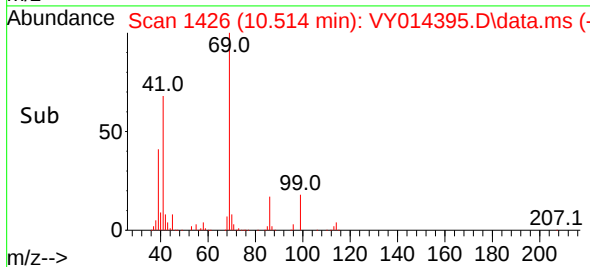
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

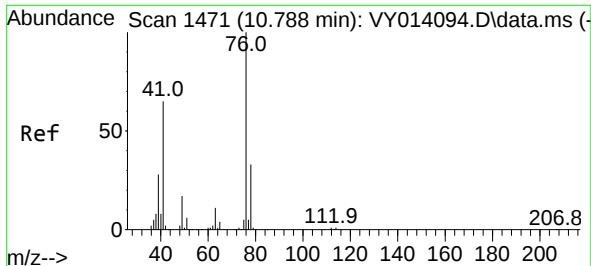


#56
Ethyl methacrylate
Concen: 57.958 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29



Tgt Ion: 69 Resp: 157653
Ion Ratio Lower Upper
69 100
41 67.0 57.6 86.4
39 41.1 34.1 51.1





#57

1,3-Dichloropropane

Concen: 53.628 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 180879

Ion Ratio Lower Upper

76 100

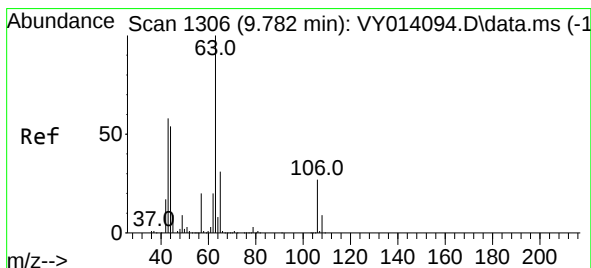
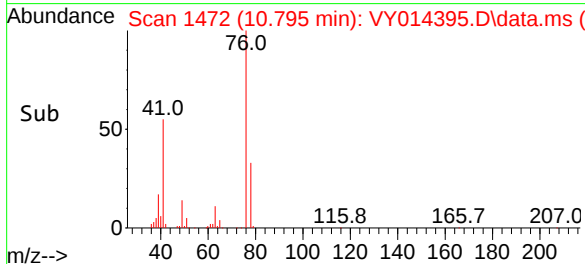
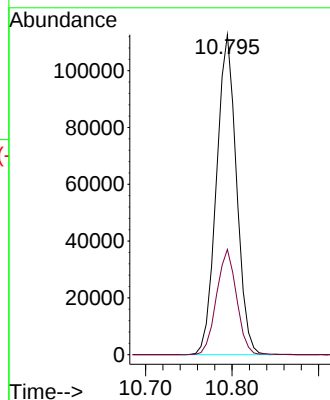
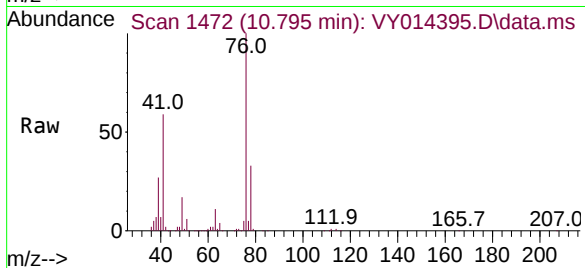
78 33.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#58

2-Chloroethyl Vinyl ether

Concen: 265.296 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY014395.D

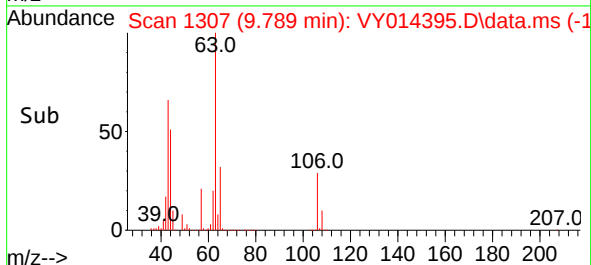
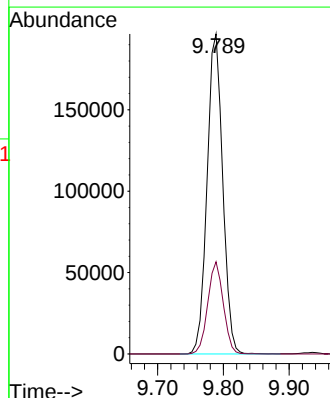
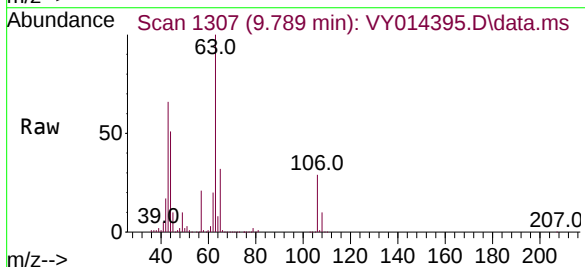
Acq: 22 Jun 2023 21:29

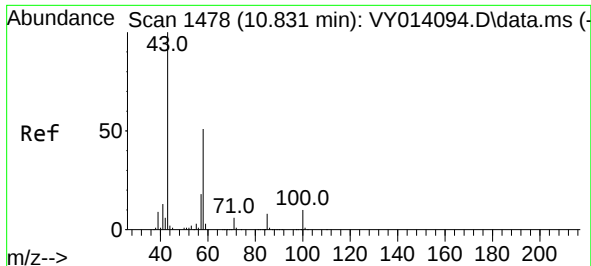
Tgt Ion: 63 Resp: 324863

Ion Ratio Lower Upper

63 100

106 28.6 21.2 31.8





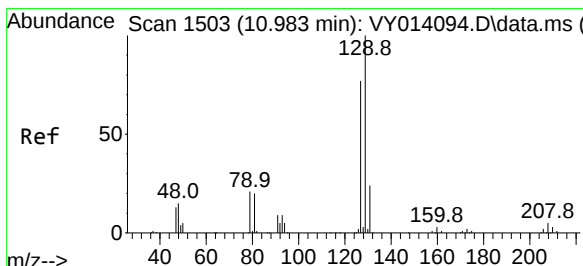
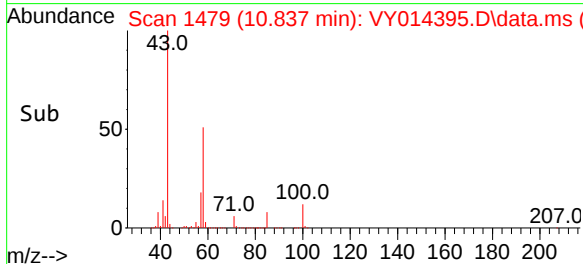
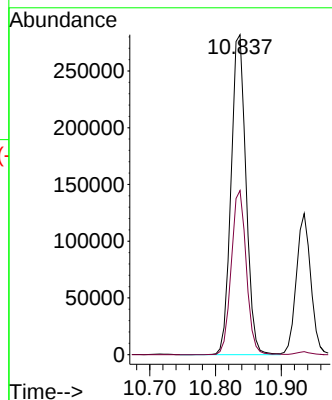
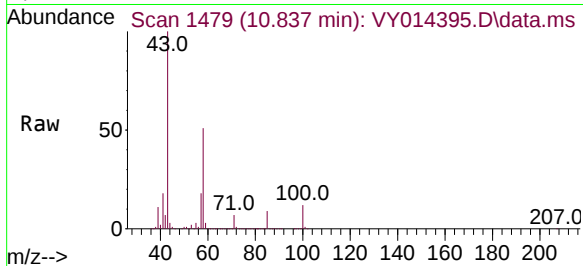
#59
2-Hexanone
Concen: 293.964 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 446104
Ion Ratio Lower Upper
43 100
58 51.5 25.1 75.3

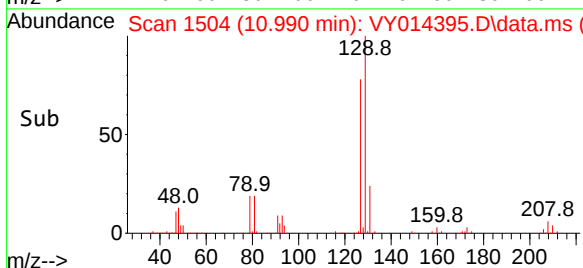
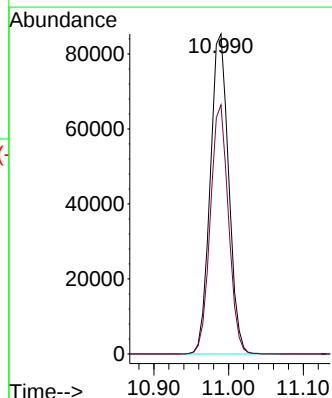
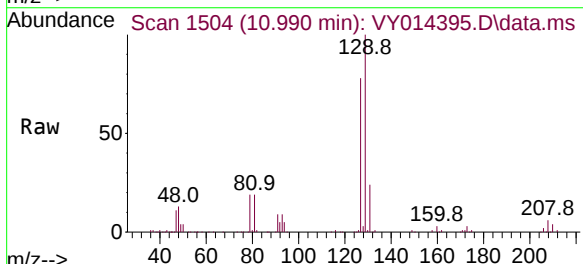
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#60
Dibromochloromethane
Concen: 57.747 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

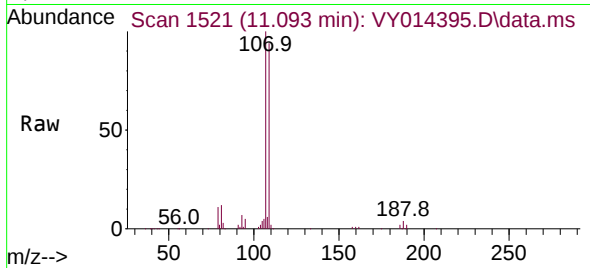
Tgt Ion:129 Resp: 145758
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 55.424 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

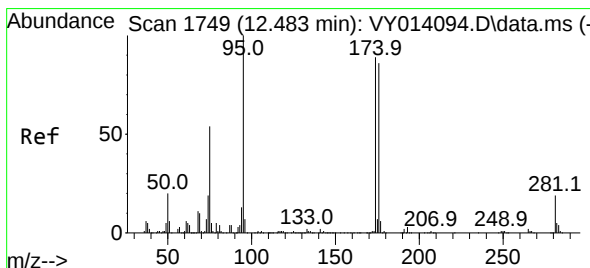
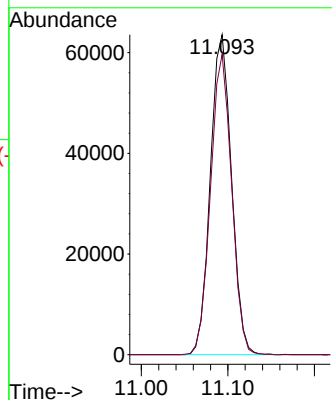
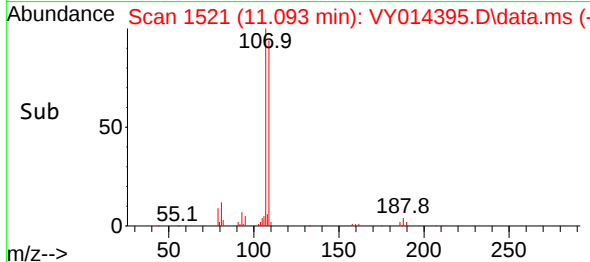
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



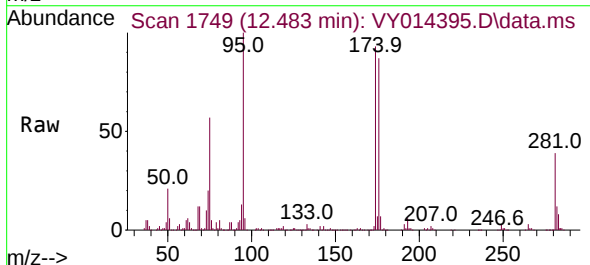
Tgt Ion:107 Resp: 107872
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4

Manual Integrations
APPROVED

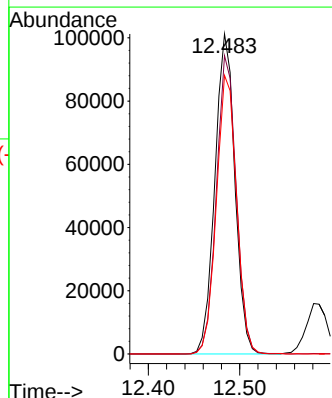
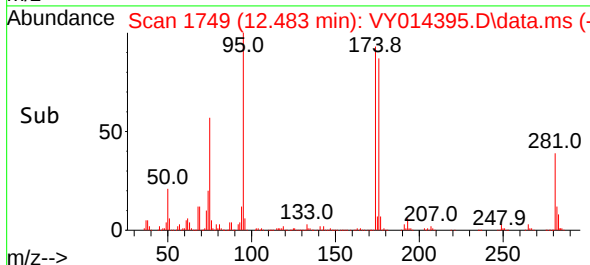
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

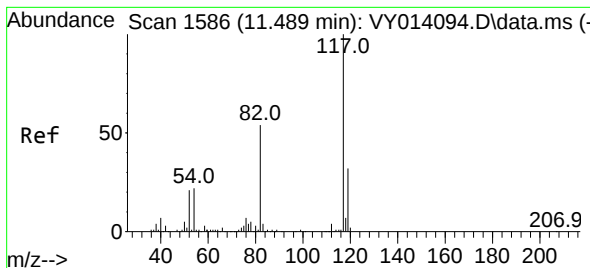


#62
4-Bromofluorobenzene
Concen: 56.535 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29



Tgt Ion: 95 Resp: 154014
Ion Ratio Lower Upper
95 100
174 92.4 0.0 178.2
176 87.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014395.D

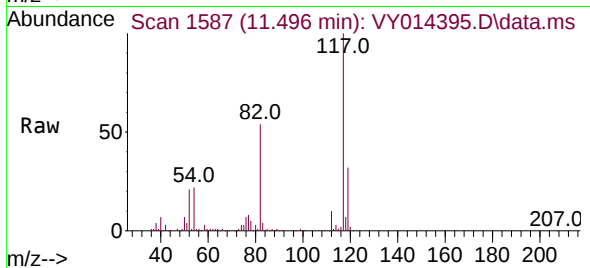
Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:117 Resp: 27905

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

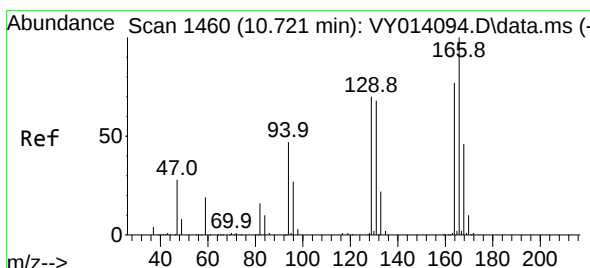
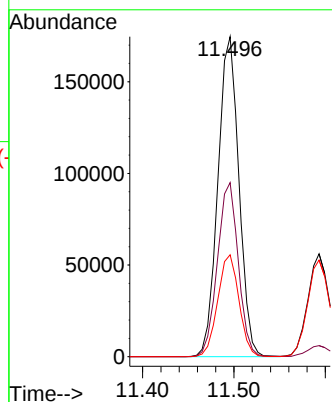
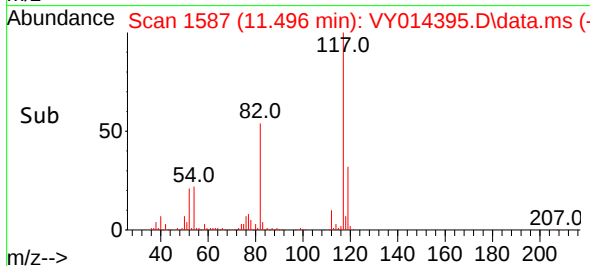
119 31.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#64

Tetrachloroethene

Concen: 58.449 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Tgt Ion:164 Resp: 139025

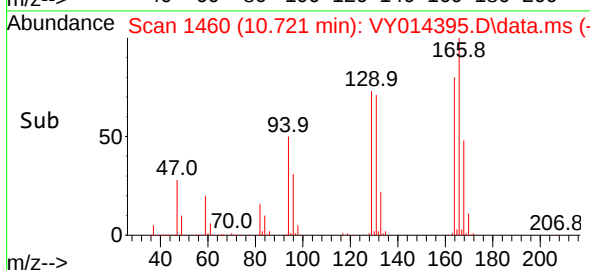
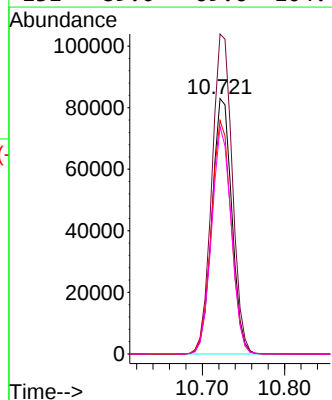
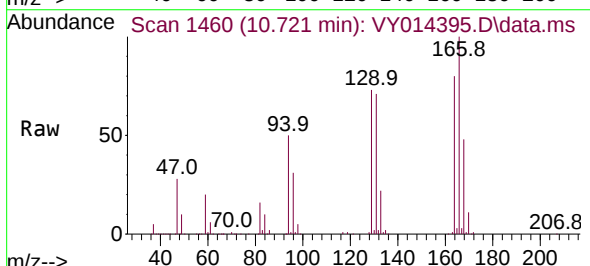
Ion Ratio Lower Upper

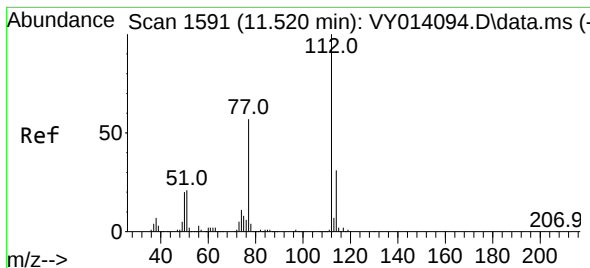
164 100

166 125.3 103.0 154.6

129 91.4 77.2 115.8

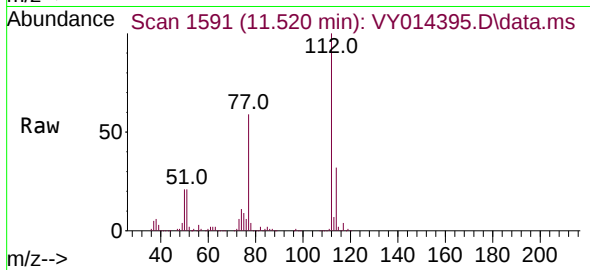
131 89.0 69.6 104.4





#65
Chlorobenzene
Concen: 51.089 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

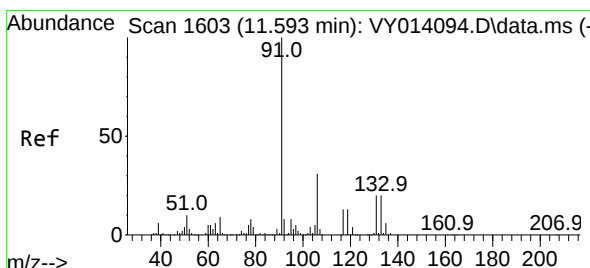
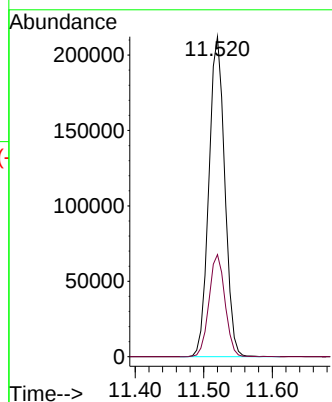
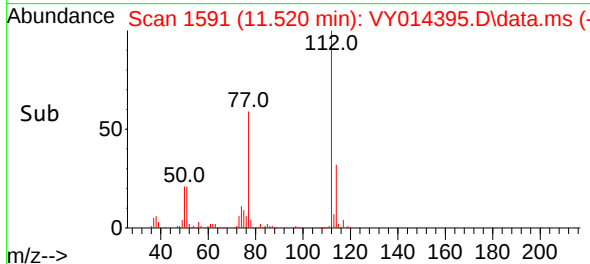
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



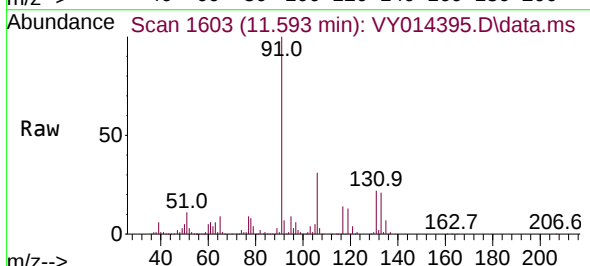
Tgt Ion:112 Resp: 34256
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

Manual Integrations
APPROVED

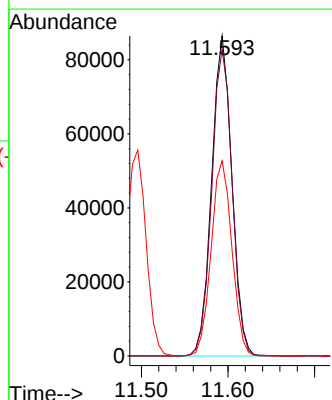
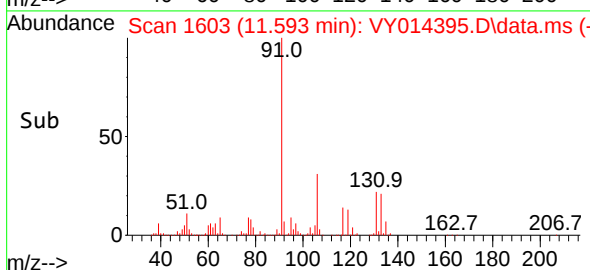
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

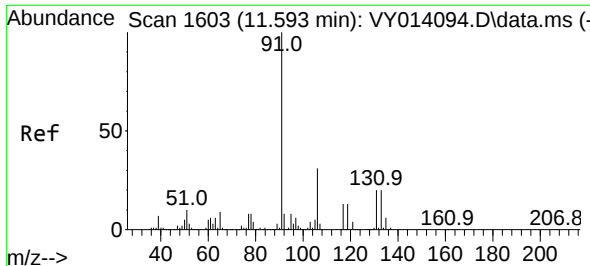


#66
1,1,1,2-Tetrachloroethane
Concen: 53.285 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29



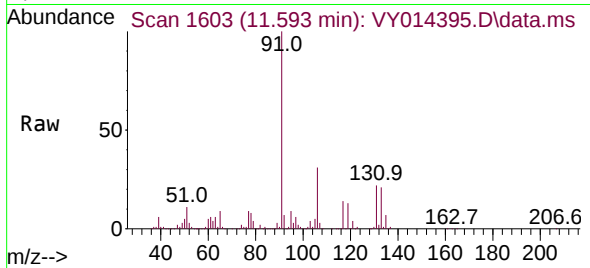
Tgt Ion:131 Resp: 140532
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 62.5 31.6 94.7





#67
Ethyl Benzene
Concen: 52.053 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

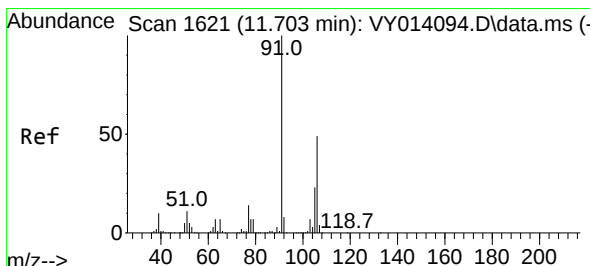
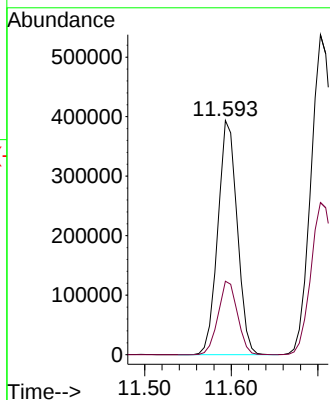
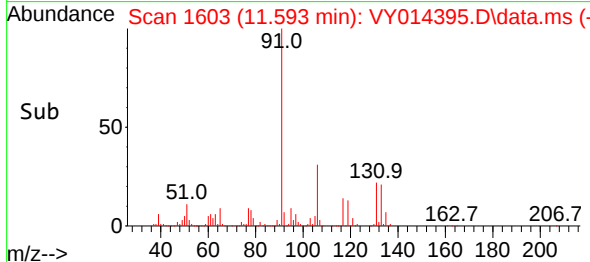
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



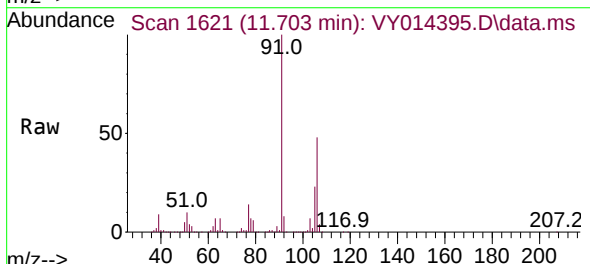
Tgt Ion: 91 Resp: 610940
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8

Manual Integrations
APPROVED

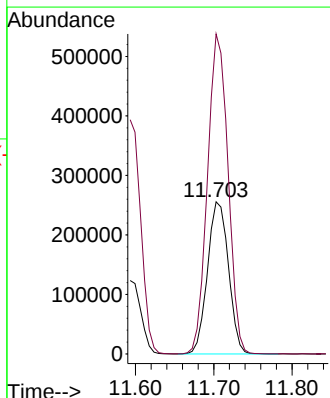
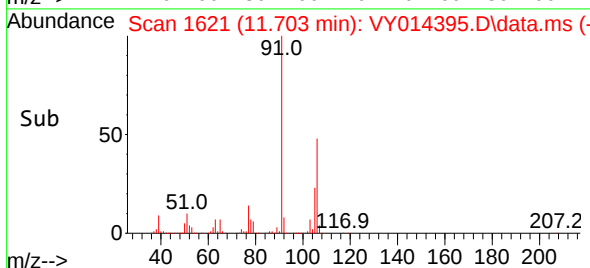
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

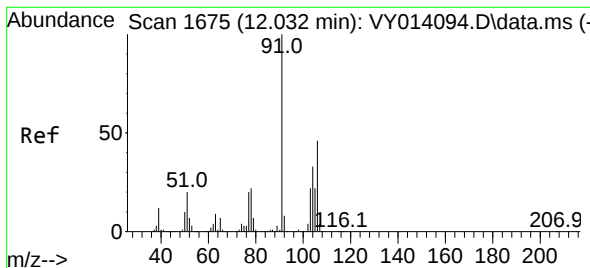


#68
m/p-Xylenes
Concen: 105.414 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29



Tgt Ion:106 Resp: 475893
Ion Ratio Lower Upper
106 100
91 206.1 166.1 249.1





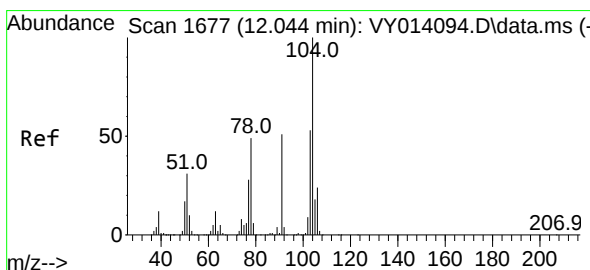
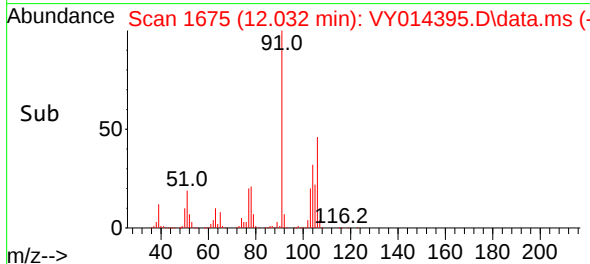
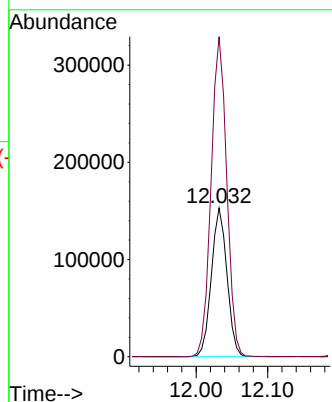
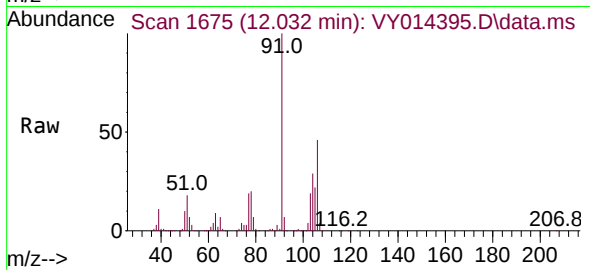
#69
o-Xylene
Concen: 54.126 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 23102
Ion Ratio Lower Upper
106 100
91 216.9 108.1 324.3

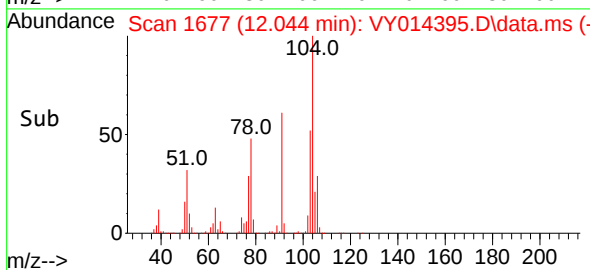
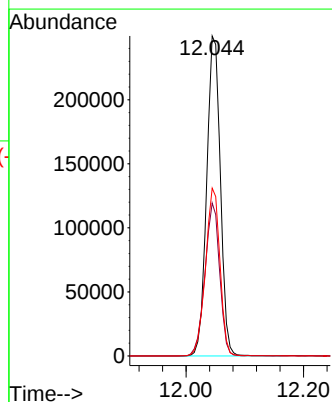
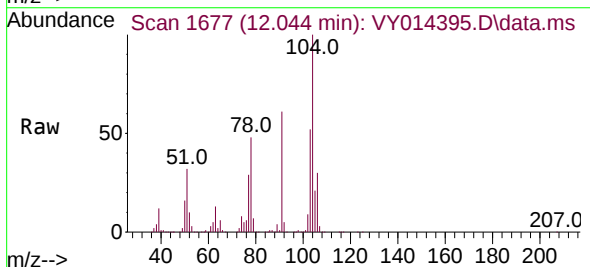
Manual Integrations
APPROVED

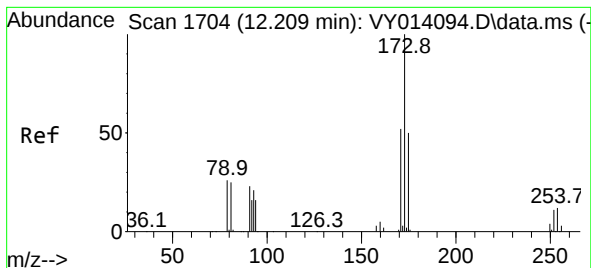
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#70
Styrene
Concen: 55.446 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

Tgt Ion:104 Resp: 403902
Ion Ratio Lower Upper
104 100
78 51.2 41.5 62.3
103 55.4 44.6 67.0





#71

Bromoform

Concen: 57.700 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

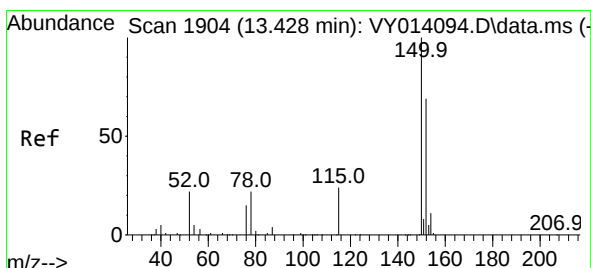
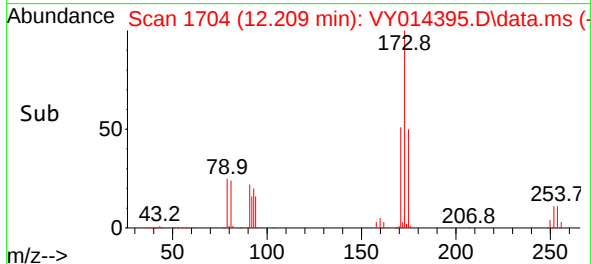
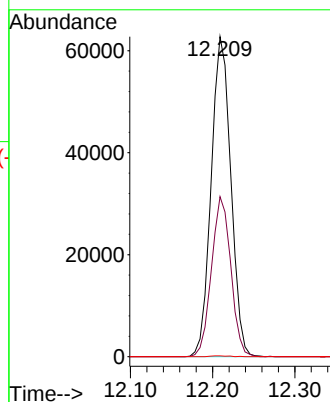
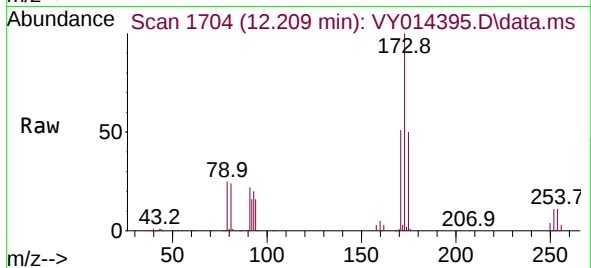
Tgt Ion:	173	Resp:	104218
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.6	73.8
254	0.2	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

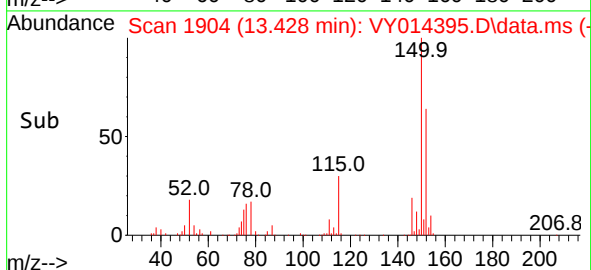
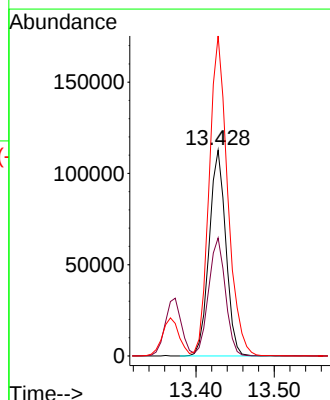
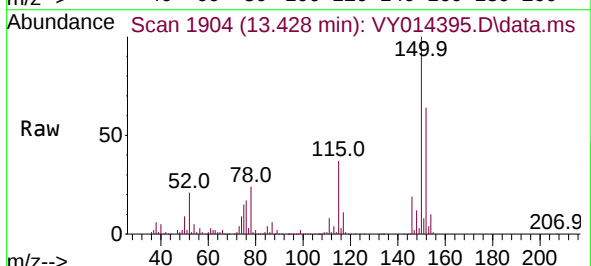
RT: 13.428 min Scan# 1904

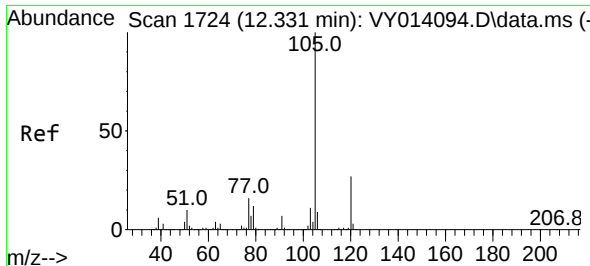
Delta R.T. 0.000 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

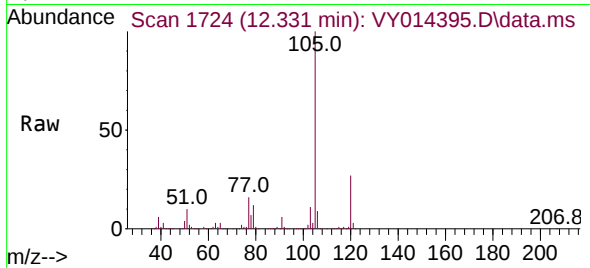
Tgt Ion:	152	Resp:	165945
Ion Ratio	Lower	Upper	
152	100		
115	57.5	28.8	86.5
150	172.6	0.0	348.8





#73
Isopropylbenzene
Concen: 47.203 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

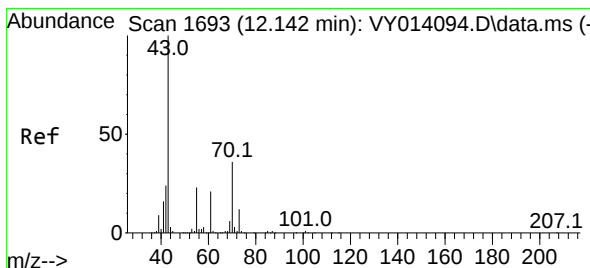
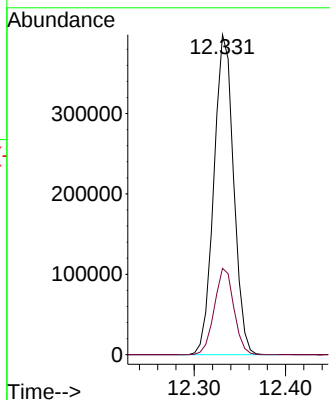
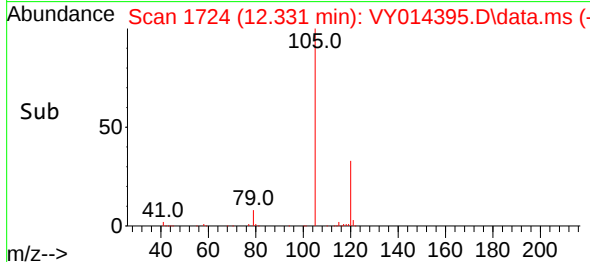
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



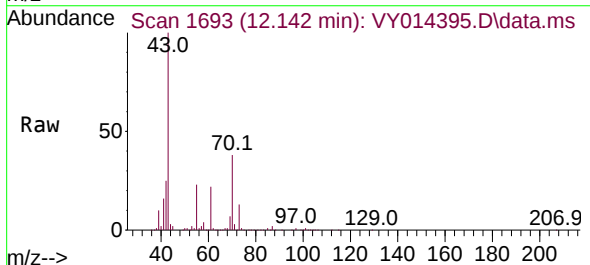
Tgt Ion:105 Resp: 59755
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

Manual Integrations
APPROVED

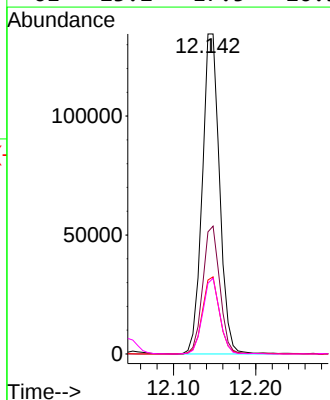
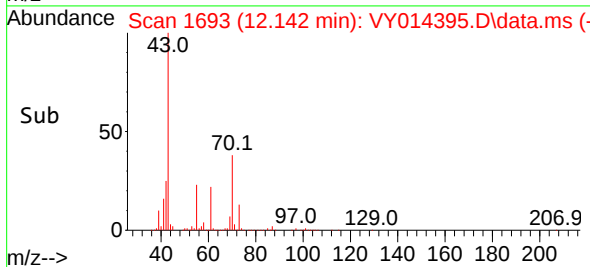
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

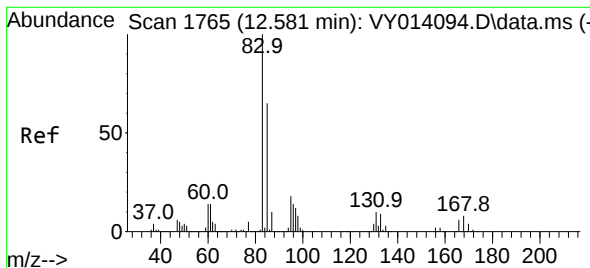


#74
N-ethyl acetate
Concen: 49.074 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29



Tgt Ion: 43 Resp: 196869
Ion Ratio Lower Upper
43 100
70 39.2 29.7 44.5
55 23.9 18.3 27.5
61 23.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.064 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

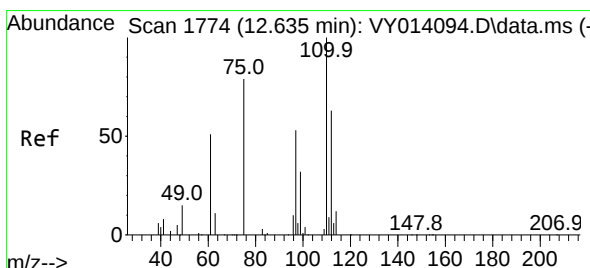
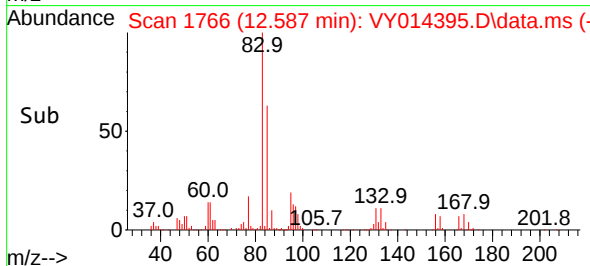
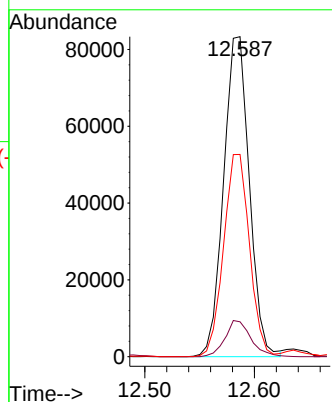
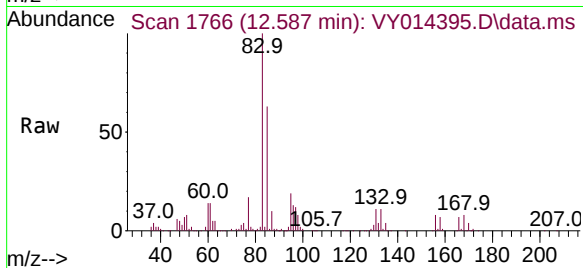
Tgt Ion:	83	Resp:	13595
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.4	16.2
85	63.5	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#76

1,2,3-Trichloropropane

Concen: 45.509 ug/l m

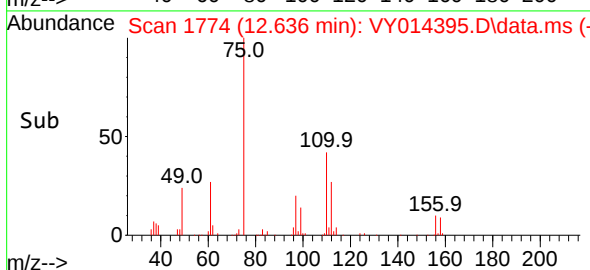
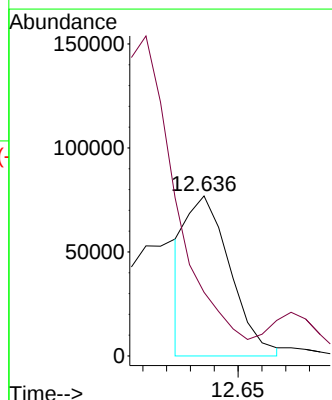
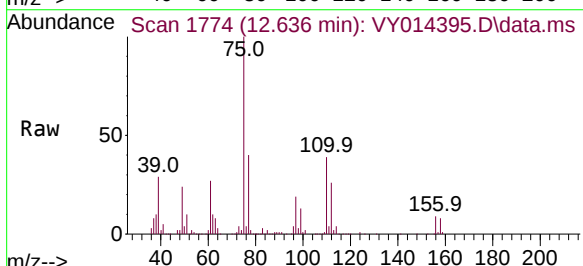
RT: 12.636 min Scan# 1774

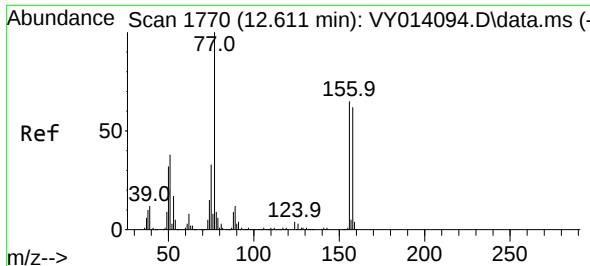
Delta R.T. 0.001 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

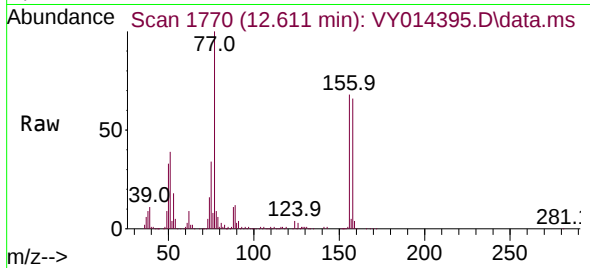
Tgt Ion:	75	Resp:	99080
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 47.936 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

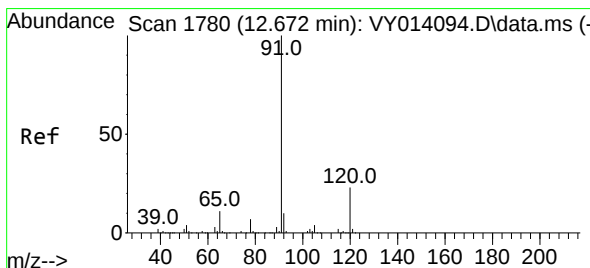
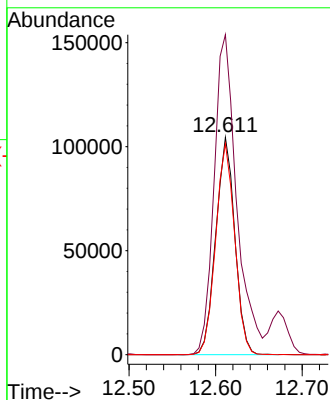
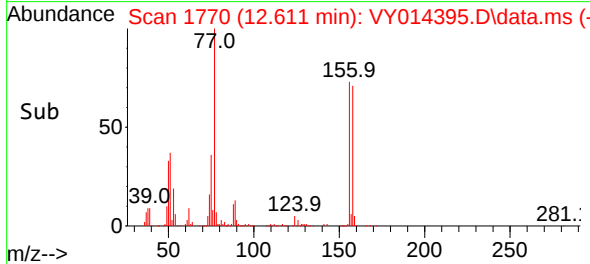
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 159490
Ion Ratio Lower Upper
156 100
77 174.9 92.8 278.6
158 97.2 48.4 145.3

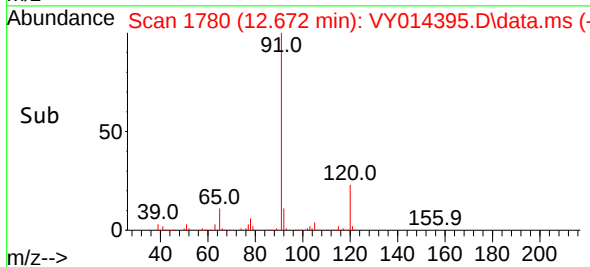
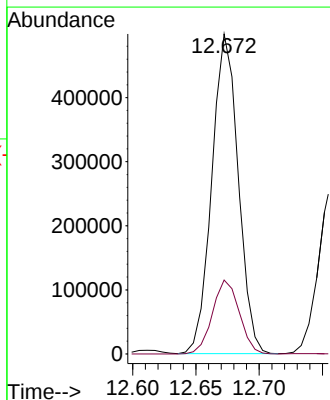
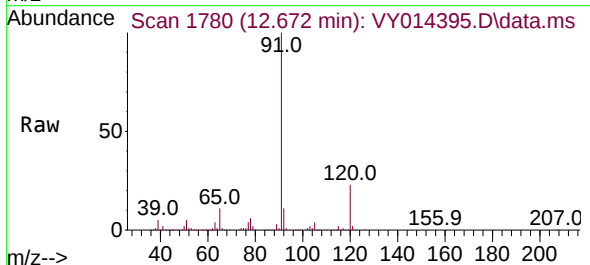
Manual Integrations
APPROVED

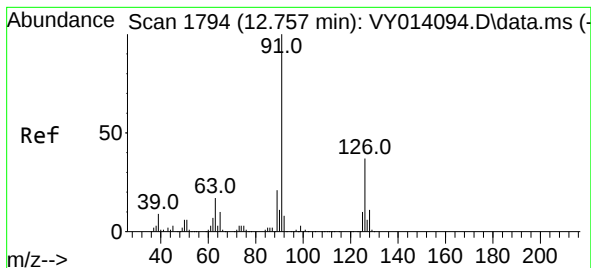
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#78
n-propylbenzene
Concen: 46.853 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

Tgt Ion: 91 Resp: 724463
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.660 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.001 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 424030

Ion Ratio Lower Upper

91 100

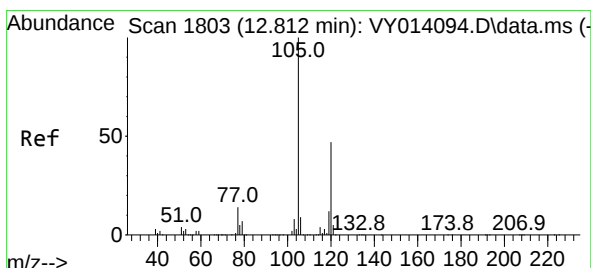
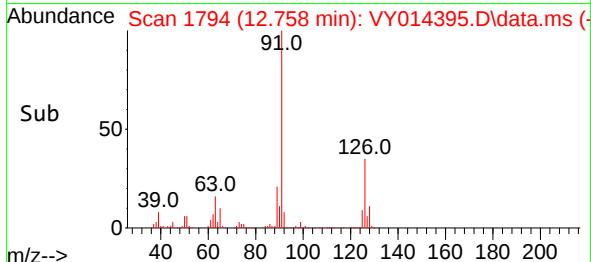
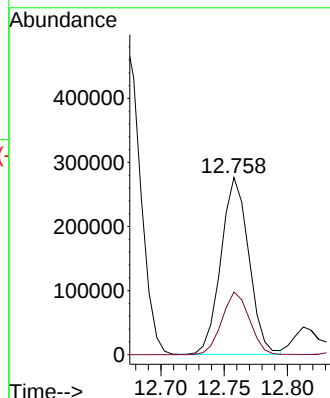
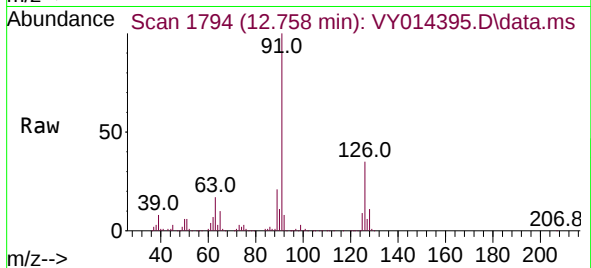
126 35.1 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#80

1,3,5-Trimethylbenzene

Concen: 48.141 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY014395.D

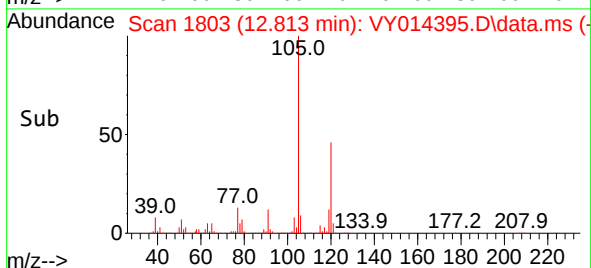
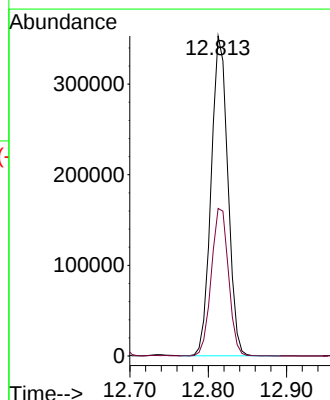
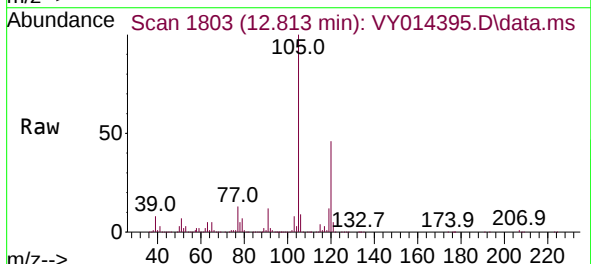
Acq: 22 Jun 2023 21:29

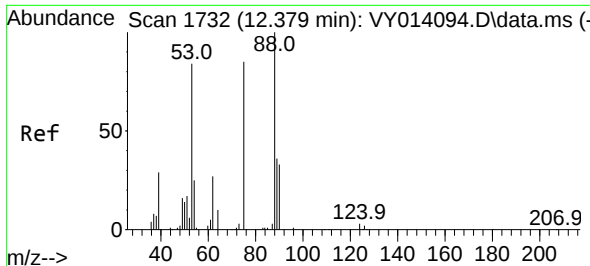
Tgt Ion:105 Resp: 521828

Ion Ratio Lower Upper

105 100

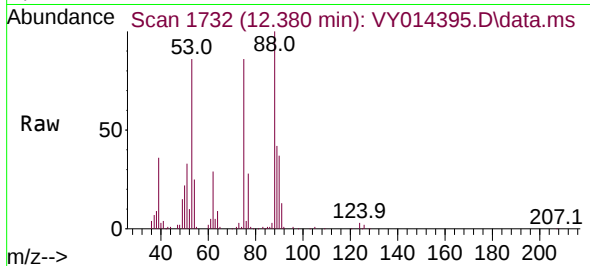
120 47.6 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 48.037 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

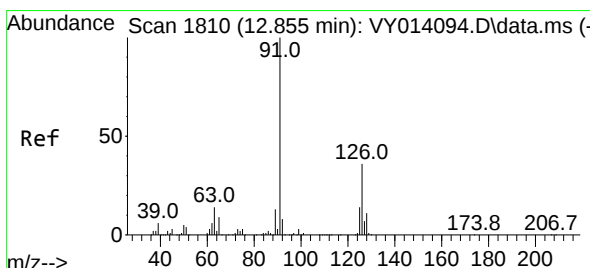
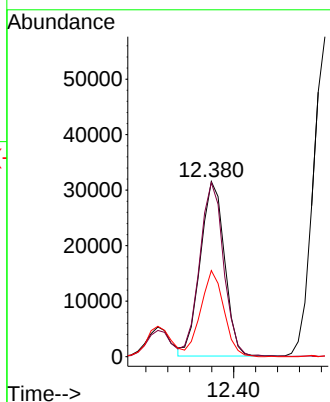
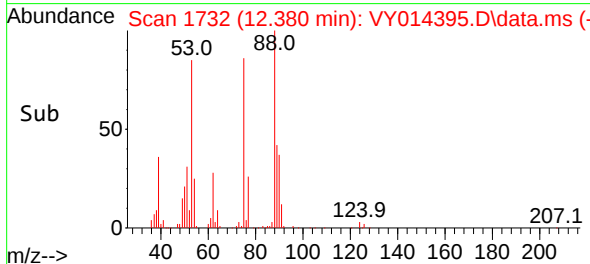
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4838
Ion Ratio Lower Upper
75 100
53 99.5 77.8 116.8
89 47.0 37.4 56.0

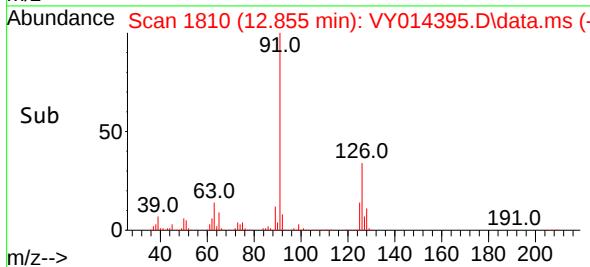
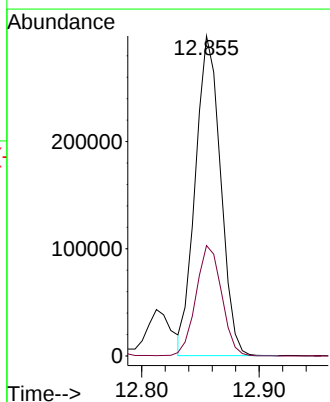
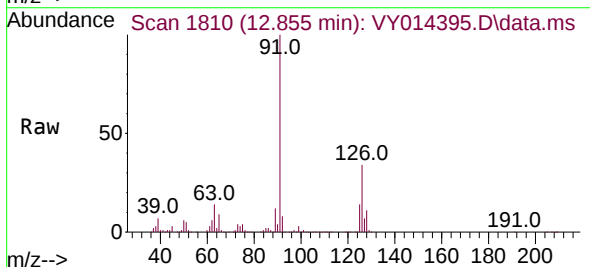
Manual Integrations
APPROVED

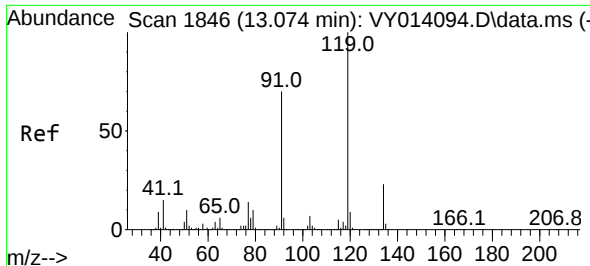
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#82
4-Chlorotoluene
Concen: 47.213 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

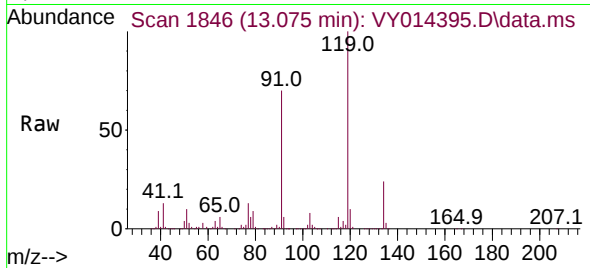
Tgt Ion: 91 Resp: 445134
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 47.672 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

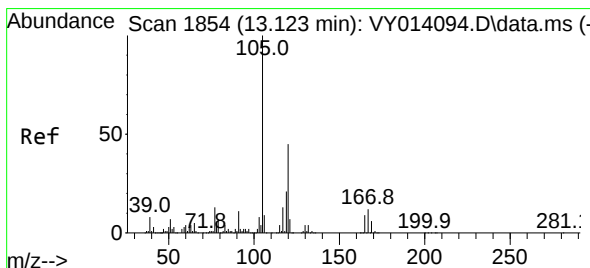
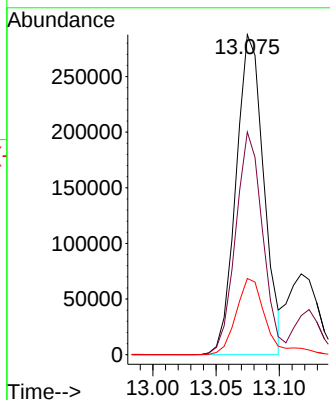
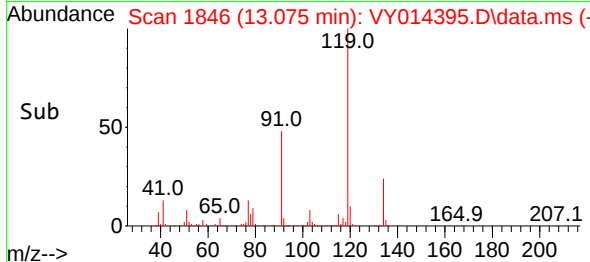
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



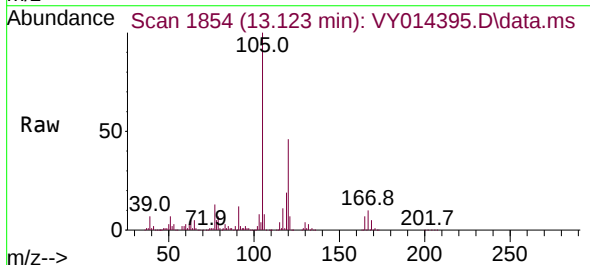
Tgt Ion:119 Resp: 439120
Ion Ratio Lower Upper
119 100
91 68.3 32.9 98.6
134 25.7 13.0 38.9

Manual Integrations
APPROVED

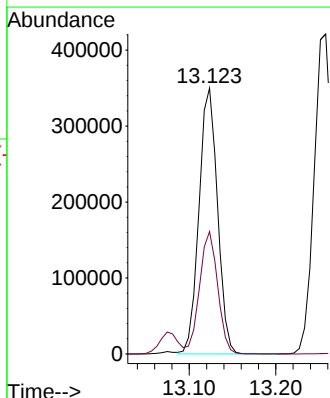
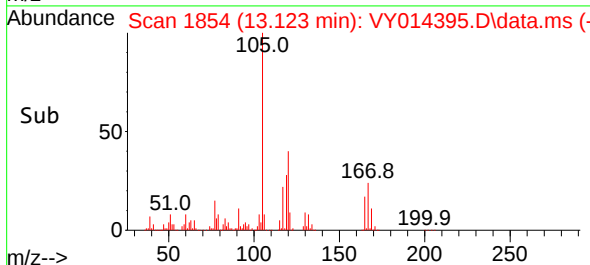
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023

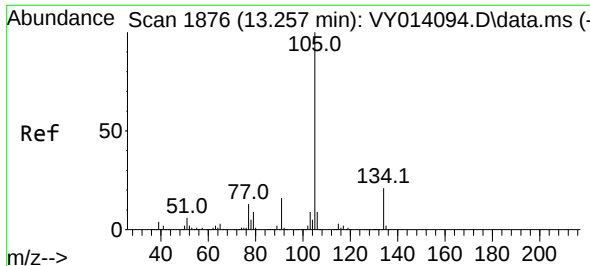


#84
1,2,4-Trimethylbenzene
Concen: 48.407 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29



Tgt Ion:105 Resp: 519402
Ion Ratio Lower Upper
105 100
120 45.3 22.2 66.6





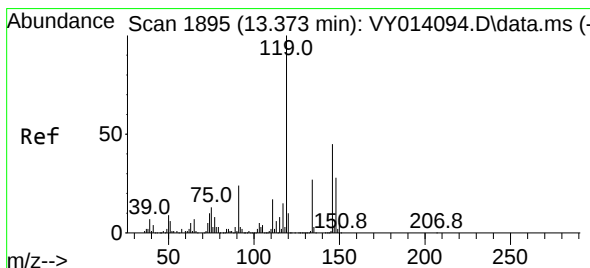
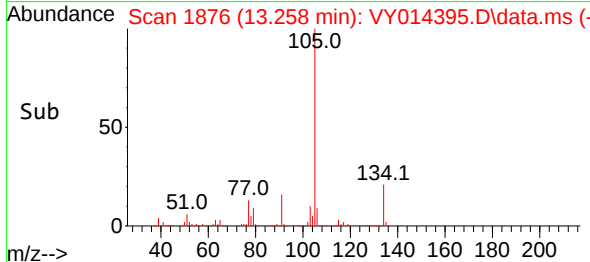
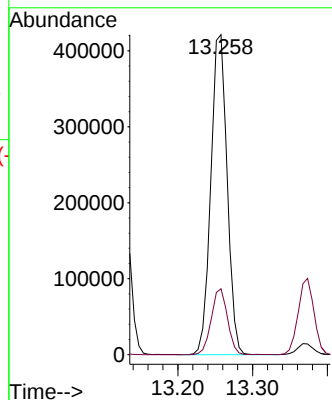
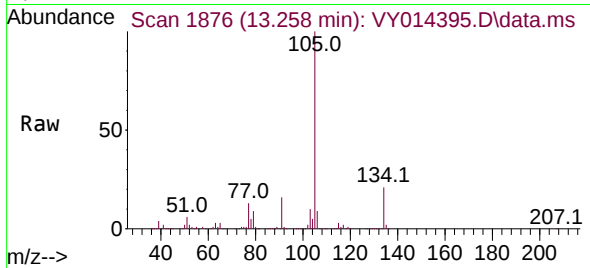
#85
 sec-Butylbenzene
 Concen: 47.745 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.001 min
 Lab File: VY014395.D
 Acq: 22 Jun 2023 21:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 63940
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

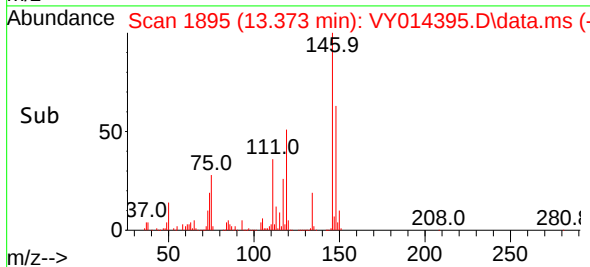
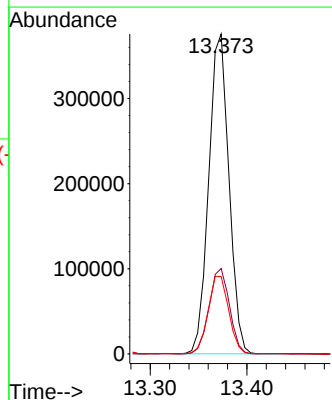
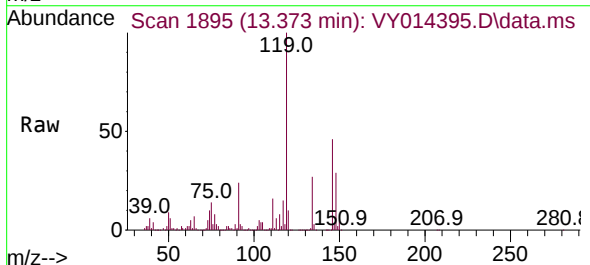
Manual Integrations
 APPROVED

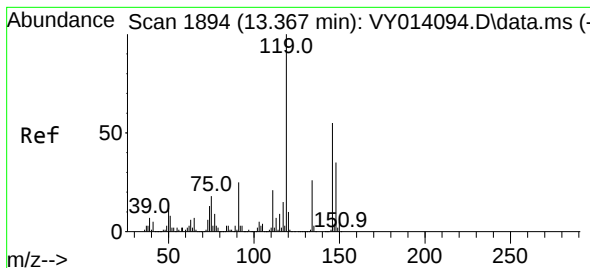
Reviewed By :Krupa Patel 06/23/2023
 Supervised By :Mahesh Dadoda 06/23/2023



#86
 p-Isopropyltoluene
 Concen: 47.582 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY014395.D
 Acq: 22 Jun 2023 21:29

Tgt Ion:119 Resp: 545358
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.348 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014395.D

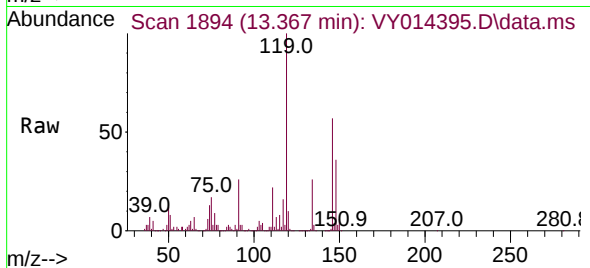
Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 30714

Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.2

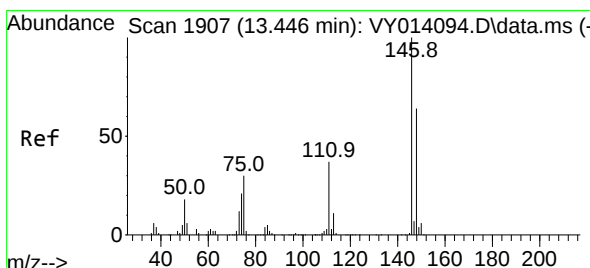
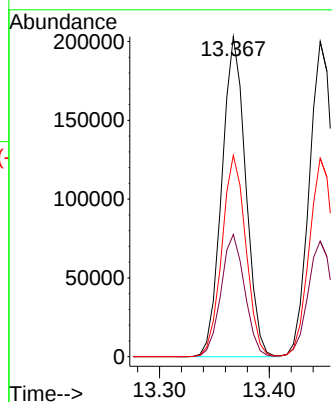
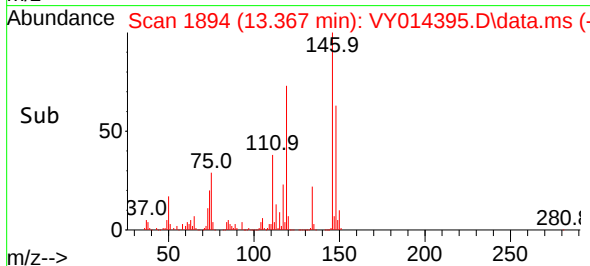
148 63.1 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#88

1,4-Dichlorobenzene

Concen: 47.983 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

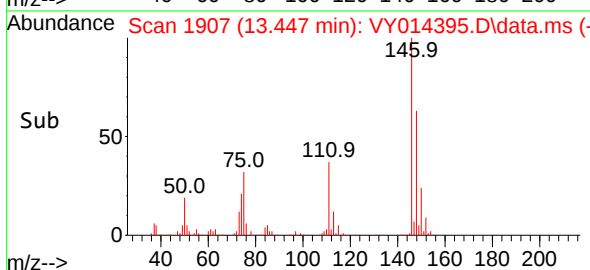
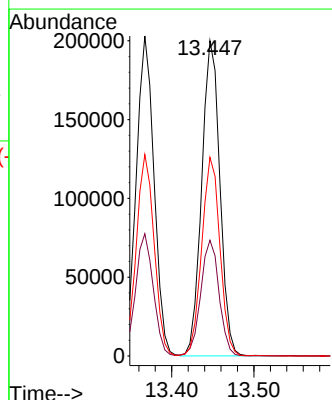
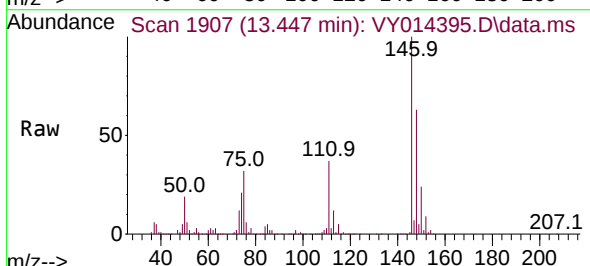
Tgt Ion:146 Resp: 307122

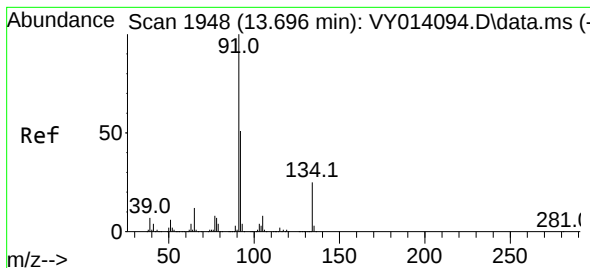
Ion Ratio Lower Upper

146 100

111 37.0 18.9 56.7

148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 47.325 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 50309

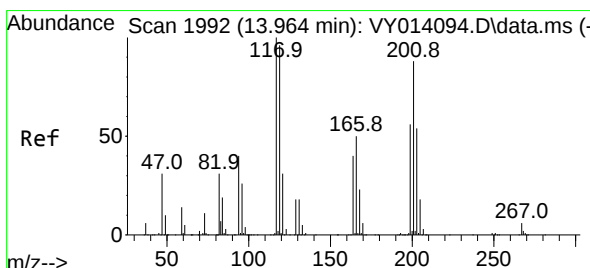
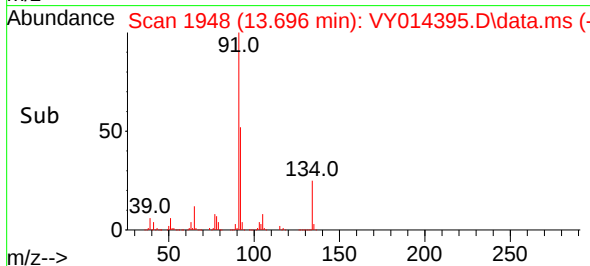
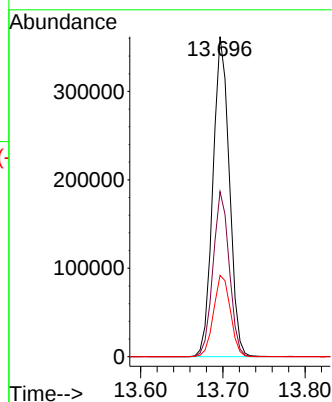
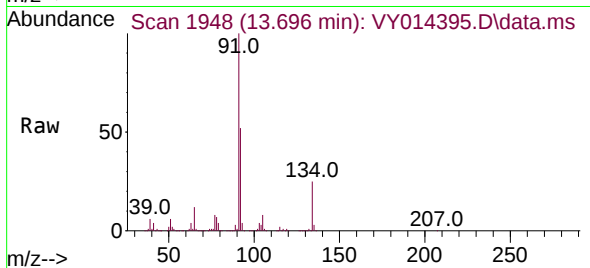
Ion	Ratio	Lower	Upper
91	100		
92	51.0	25.4	76.0
134	26.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#90

Hexachloroethane

Concen: 47.452 ug/l

RT: 13.965 min Scan# 1992

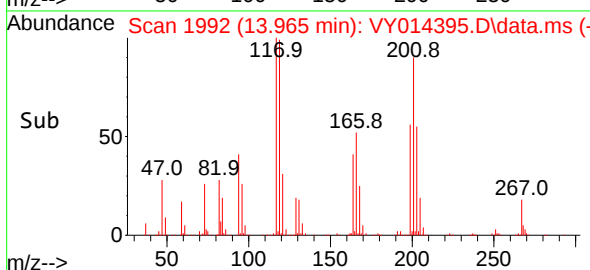
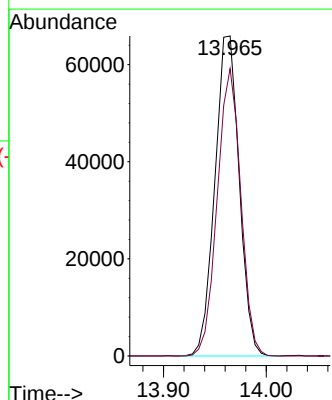
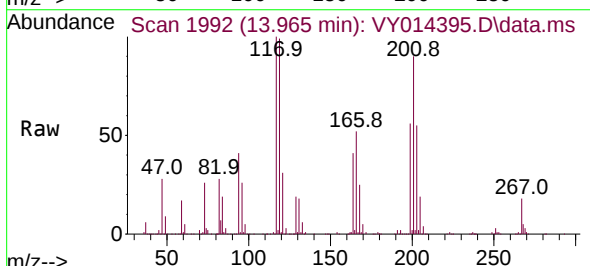
Delta R.T. 0.001 min

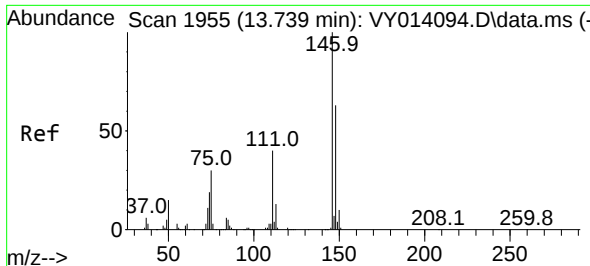
Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Tgt Ion:117 Resp: 108374

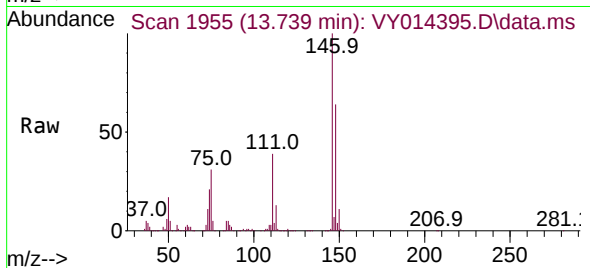
Ion	Ratio	Lower	Upper
117	100		
201	86.6	41.6	124.8





#91
1,2-Dichlorobenzene
Concen: 49.646 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

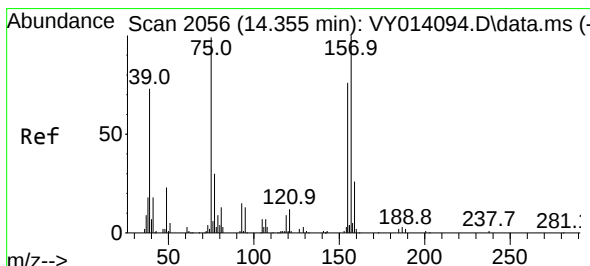
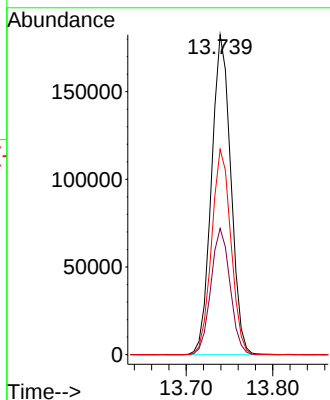
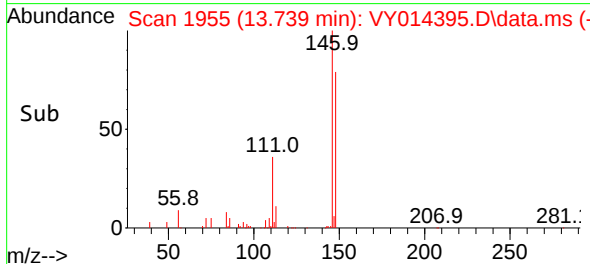
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



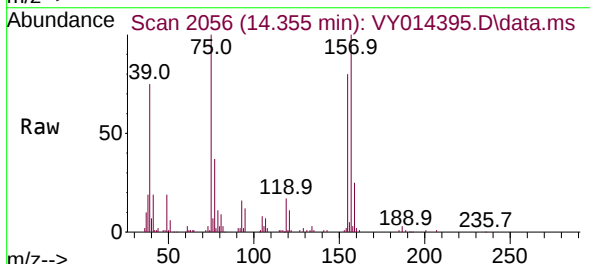
Tgt Ion:146 Resp: 283258
Ion Ratio Lower Upper
146 100
111 39.1 19.7 59.0
148 64.3 32.0 96.2

Manual Integrations
APPROVED

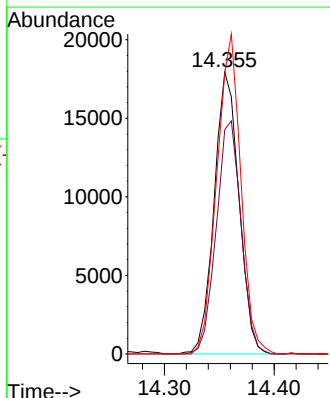
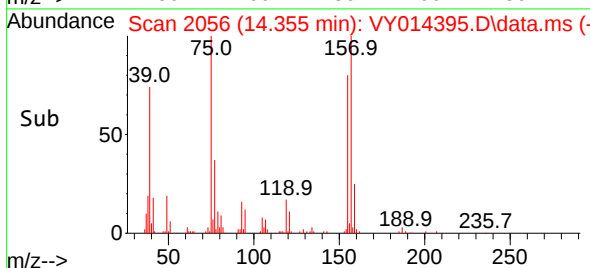
Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.284 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29



Tgt Ion: 75 Resp: 28164
Ion Ratio Lower Upper
75 100
155 82.8 41.5 124.6
157 110.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.619 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014395.D

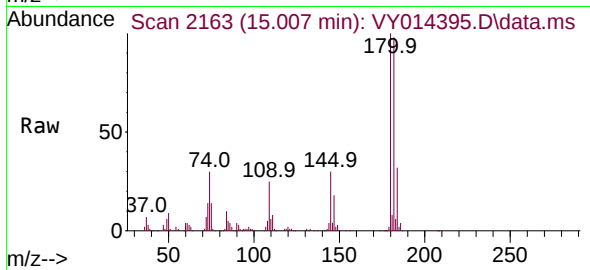
Acq: 22 Jun 2023 21:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 175730

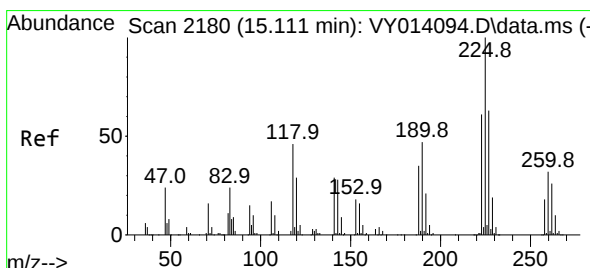
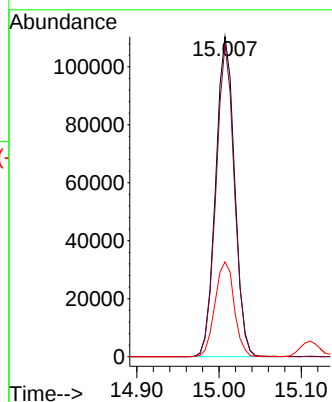
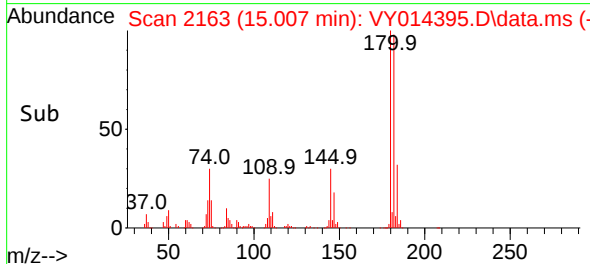
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.0	141.2
145	30.2	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/23/2023

Supervised By :Mahesh Dadoda 06/23/2023



#94

Hexachlorobutadiene

Concen: 48.467 ug/l

RT: 15.111 min Scan# 2180

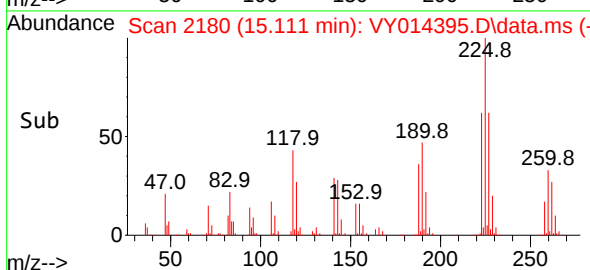
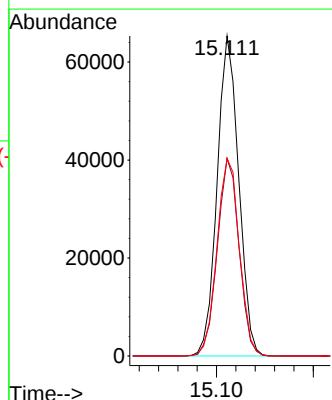
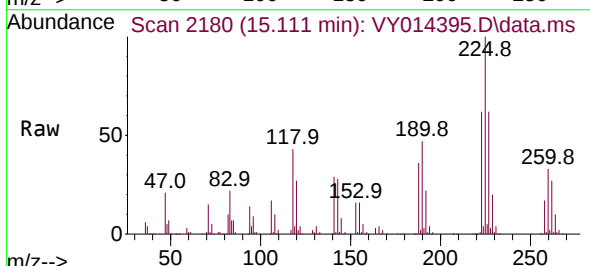
Delta R.T. -0.000 min

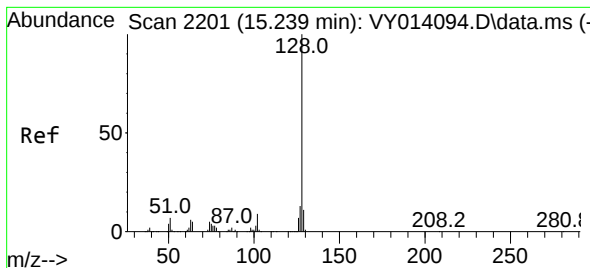
Lab File: VY014395.D

Acq: 22 Jun 2023 21:29

Tgt Ion:225 Resp: 101137

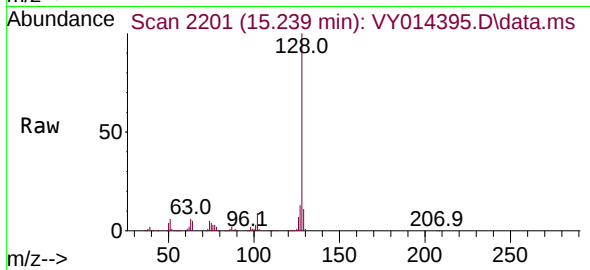
Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.9	95.9
227	63.9	33.0	98.9





#95
Naphthalene
Concen: 52.442 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29

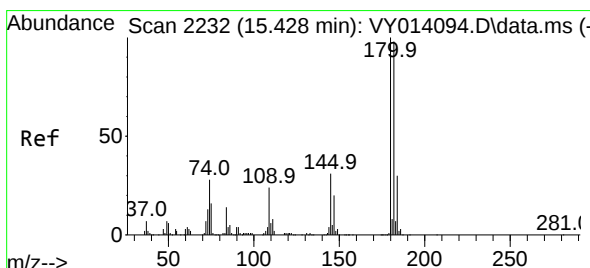
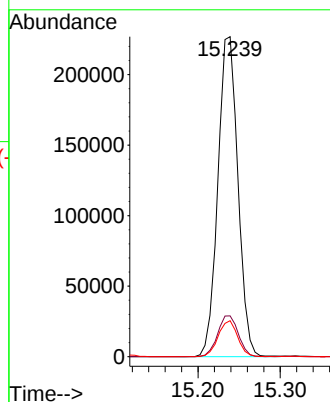
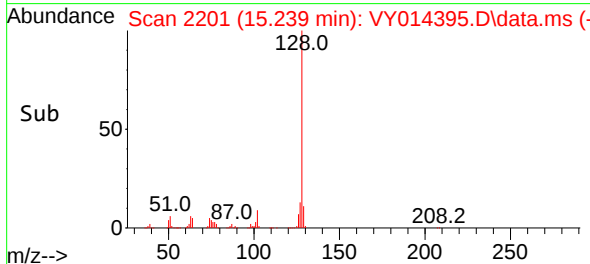
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



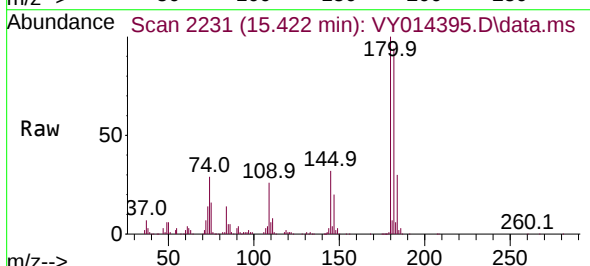
Tgt Ion:128 Resp: 38473
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/23/2023
Supervised By :Mahesh Dadoda 06/23/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.805 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014395.D
Acq: 22 Jun 2023 21:29



Tgt Ion:180 Resp: 159400
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.8
145 31.4 15.4 46.2

