

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014249.D
 Acq On : 19 Jun 2023 23:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

Quant Time: Jun 20 05:04:35 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	194884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	295778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	288287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	131183	48.339	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.680%		
35) Dibromofluoromethane	7.722	113	115884	55.246	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.500%		
50) Toluene-d8	10.185	98	386956	49.344	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.680%		
62) 4-Bromofluorobenzene	12.483	95	160961	57.781	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	115.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	102715	47.292	ug/l	99
3) Chloromethane	2.113	50	121740	44.205	ug/l	99
4) Vinyl Chloride	2.253	62	125632	46.921	ug/l	98
5) Bromomethane	2.637	94	96343	43.610	ug/l	98
6) Chloroethane	2.790	64	83115	45.683	ug/l	98
7) Trichlorofluoromethane	3.125	101	229517	52.765	ug/l	100
8) Diethyl Ether	3.534	74	68611	47.238	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	114982	52.376	ug/l	99
10) Methyl Iodide	4.088	142	122165	42.143	ug/l	99
11) Tert butyl alcohol	4.966	59	76107	241.556	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	106627	47.919	ug/l	98
13) Acrolein	3.735	56	27545	215.998	ug/l	98
14) Allyl chloride	4.485	41	189712	47.035	ug/l	98
15) Acrylonitrile	5.167	53	202665	270.516	ug/l	100
16) Acetone	3.948	43	171929	210.177	ug/l	96
17) Carbon Disulfide	4.198	76	331367	45.956	ug/l	99
18) Methyl Acetate	4.485	43	175795	55.366	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	336055	51.207	ug/l	99
20) Methylene Chloride	4.716	84	147331	56.911	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	125505	50.570	ug/l	96
22) Diisopropyl ether	6.125	45	406928	52.693	ug/l	96
23) Vinyl Acetate	6.064	43	1166939	256.105	ug/l	99
24) 1,1-Dichloroethane	6.021	63	226523	50.874	ug/l	99
25) 2-Butanone	6.990	43	279309	277.382	ug/l	97
26) 2,2-Dichloropropane	6.984	77	193321	46.226	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	143990	51.864	ug/l	99
28) Bromochloromethane	7.338	49	89271	49.301	ug/l	97
29) Tetrahydrofuran	7.350	42	182875	286.406	ug/l	98
30) Chloroform	7.508	83	249971	52.918	ug/l	97
31) Cyclohexane	7.789	56	189448	52.112	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	223916	52.557	ug/l	99
36) 1,1-Dichloropropene	7.923	75	178086	54.458	ug/l	99
37) Ethyl Acetate	7.076	43	120619	53.457	ug/l	97
38) Carbon Tetrachloride	7.905	117	211210	55.969	ug/l	98
39) Methylcyclohexane	9.185	83	211322	58.243	ug/l	97
40) Benzene	8.167	78	522954	53.779	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	77021m	66.885	ug/l	
42) 1,2-Dichloroethane	8.240	62	183994	53.507	ug/l	100
43) Isopropyl Acetate	8.277	43	215486	54.489	ug/l	99
44) Trichloroethene	8.941	130	139327	53.627	ug/l	100
45) 1,2-Dichloropropane	9.222	63	131362	53.184	ug/l	98
46) Dibromomethane	9.307	93	81554	53.640	ug/l	99
47) Bromodichloromethane	9.502	83	192859	54.176	ug/l	95
48) Methyl methacrylate	9.295	41	102828	55.747	ug/l	98
49) 1,4-Dioxane	9.307	88	22992	1190.134	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	630297	293.361	ug/l	100
52) Toluene	10.246	92	332938	55.232	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	199958	53.357	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	212692	52.018	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	111679	55.380	ug/l	97
56) Ethyl methacrylate	10.514	69	155296	55.831	ug/l	99
57) 1,3-Dichloropropane	10.788	76	189102	54.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	383704	301.994	ug/l	99
59) 2-Hexanone	10.831	43	447983	288.686	ug/l	100
60) Dibromochloromethane	10.983	129	144351	55.927	ug/l	100
61) 1,2-Dibromoethane	11.093	107	108515	54.524	ug/l	99
64) Tetrachloroethene	10.721	164	150409	61.210	ug/l	96
65) Chlorobenzene	11.520	112	354131	51.123	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	143079	52.514	ug/l	100
67) Ethyl Benzene	11.593	91	652330	53.800	ug/l	99
68) m/p-Xylenes	11.703	106	500226	107.257	ug/l	100
69) o-Xylene	12.032	106	239683	54.358	ug/l	100
70) Styrene	12.044	104	414723	55.108	ug/l	99
71) Bromoform	12.209	173	102517	54.941	ug/l #	99
73) Isopropylbenzene	12.331	105	634405	51.319	ug/l	100
74) N-amyl acetate	12.142	43	195287	49.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	138867	50.273	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	114185m	53.708	ug/l	
77) Bromobenzene	12.611	156	160387	49.364	ug/l	97
78) n-propylbenzene	12.672	91	785552	52.026	ug/l	100
79) 2-Chlorotoluene	12.757	91	440298	50.679	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	548874	51.855	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	45910	46.679	ug/l	96
82) 4-Chlorotoluene	12.855	91	463302	50.322	ug/l	99
83) tert-Butylbenzene	13.074	119	462447	51.412	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	552929	52.772	ug/l	100
85) sec-Butylbenzene	13.251	105	701725	53.659	ug/l	100
86) p-Isopropyltoluene	13.367	119	588662	52.596	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	313301	50.504	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	313905	50.223	ug/l	99
89) n-Butylbenzene	13.696	91	559172	53.866	ug/l	99
90) Hexachloroethane	13.965	117	116188	52.097	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	286574	51.435	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27043	51.411	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	177717	50.352	ug/l	99
94) Hexachlorobutadiene	15.111	225	111088	54.517	ug/l	97
95) Naphthalene	15.239	128	374388	52.259	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	165108	51.769	ug/l	100

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

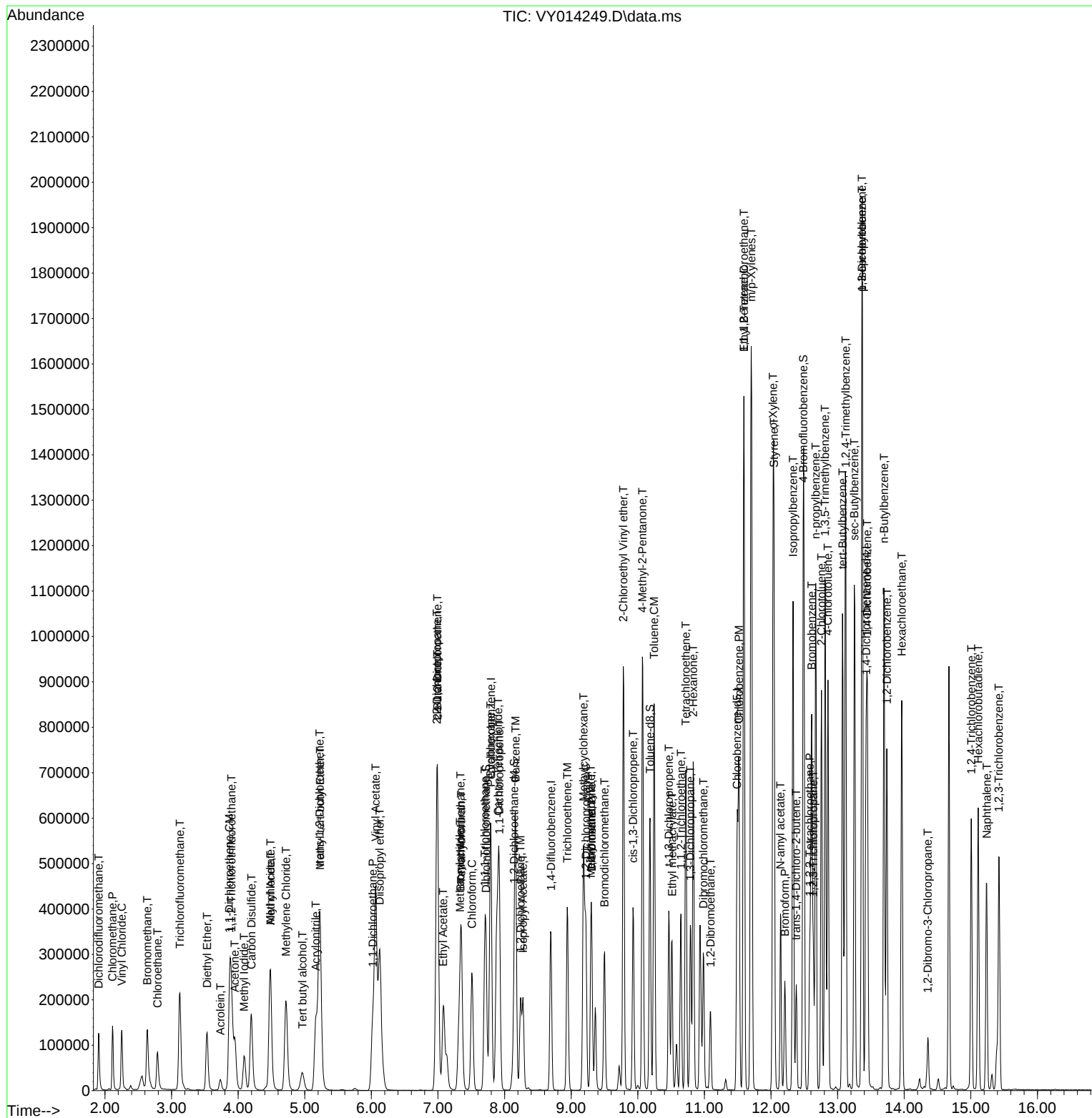
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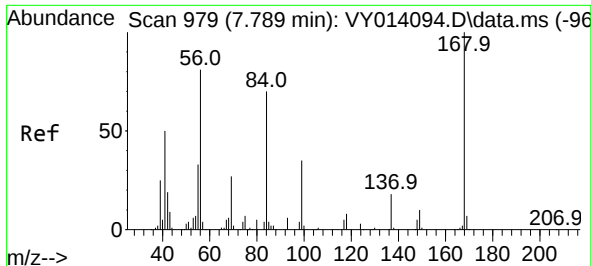
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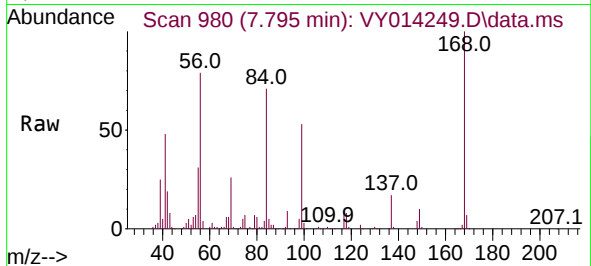
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
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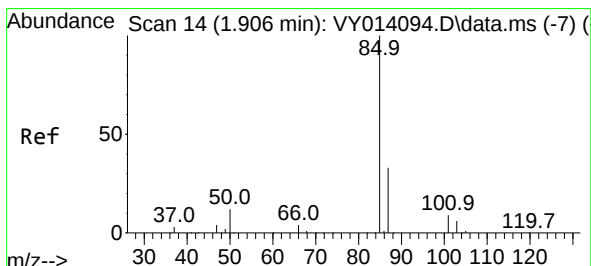
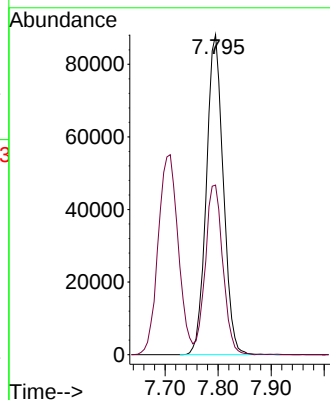
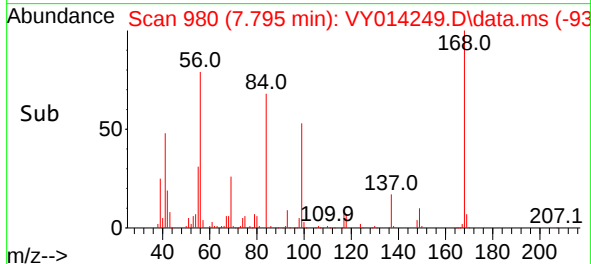
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Tgt Ion:168 Resp: 194884
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0

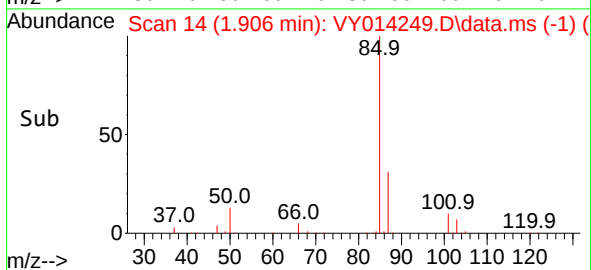
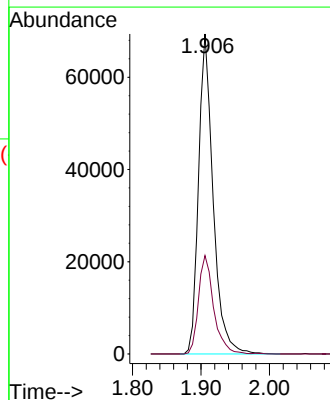
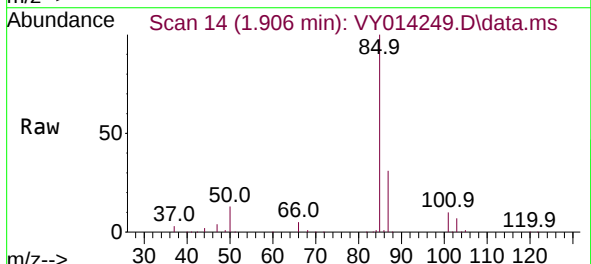
Manual Integrations
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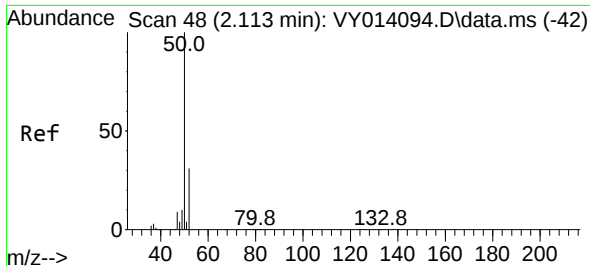
Reviewed By :John Carlone 06/20/2023
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#2
Dichlorodifluoromethane
Concen: 47.292 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

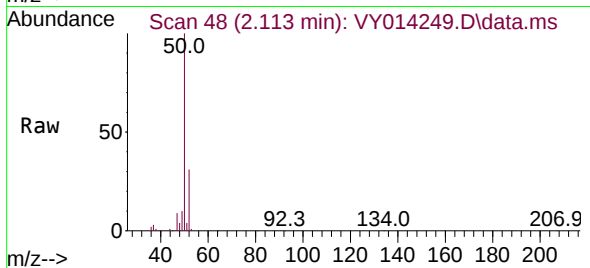
Tgt Ion: 85 Resp: 102715
Ion Ratio Lower Upper
85 100
87 30.8 15.6 46.8





#3
Chloromethane
Concen: 44.205 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

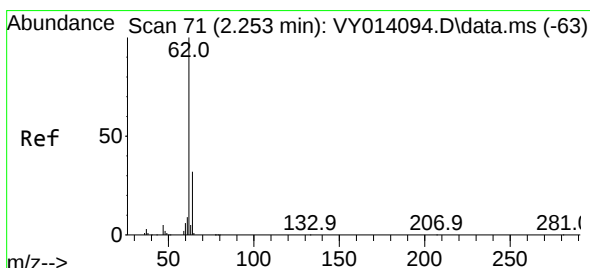
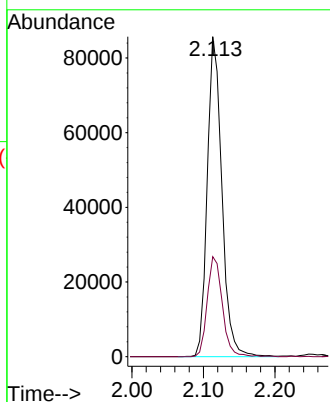
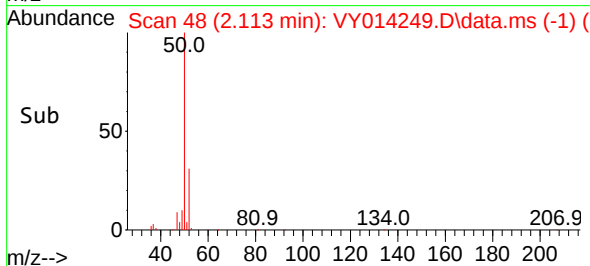
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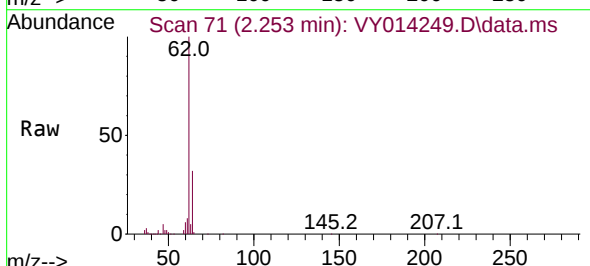
Tgt Ion: 50 Resp: 121740
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.2

Manual Integrations
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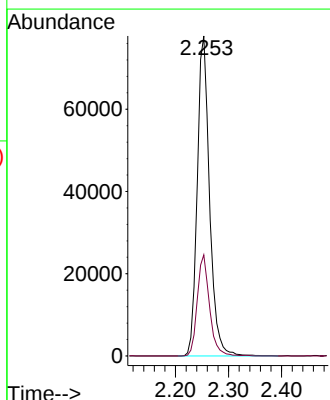
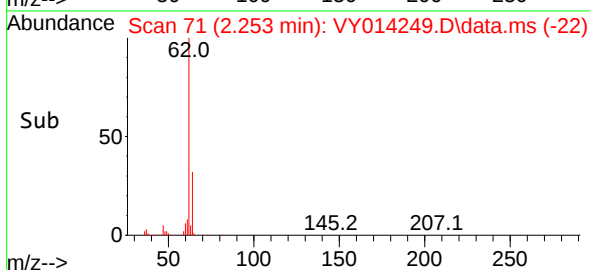
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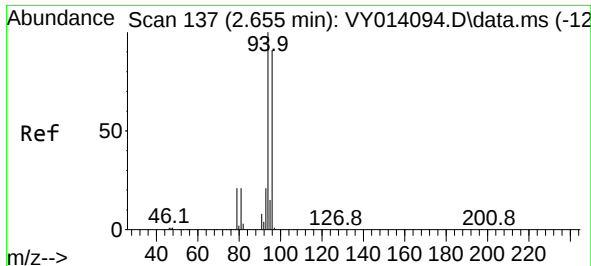


#4
Vinyl Chloride
Concen: 46.921 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



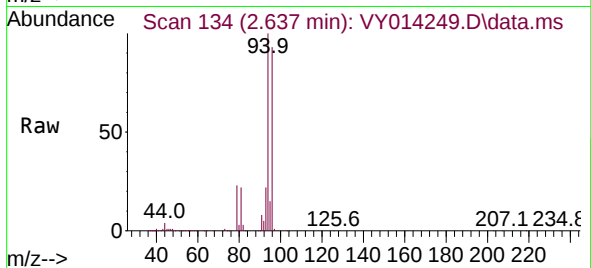
Tgt Ion: 62 Resp: 125632
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5





#5
Bromomethane
Concen: 43.610 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

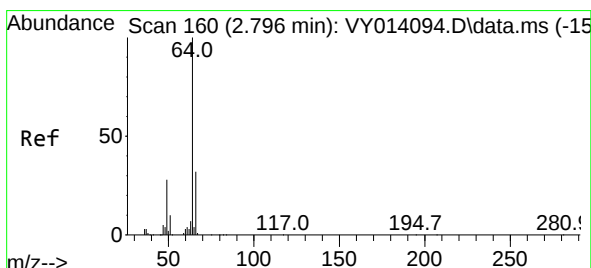
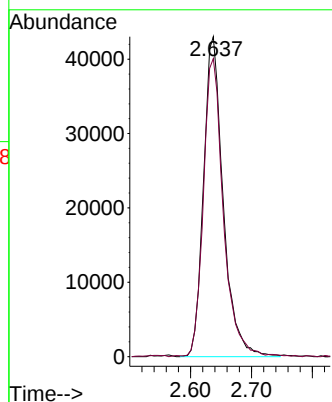
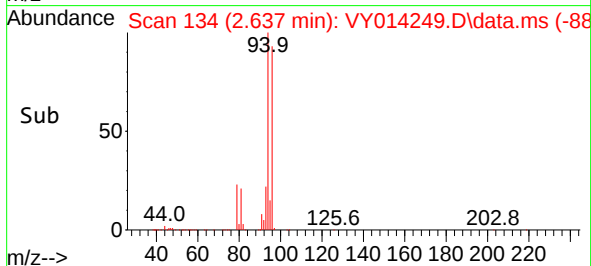
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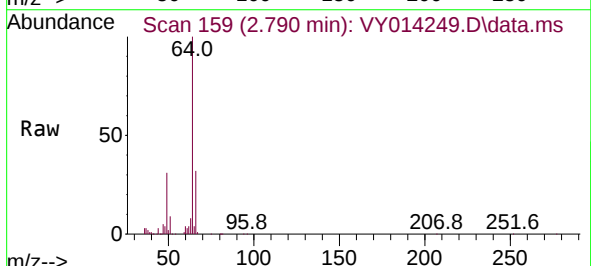
Tgt Ion: 94 Resp: 9634
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.6

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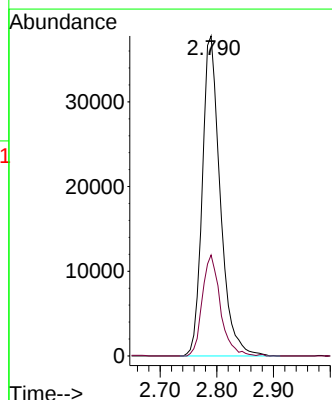
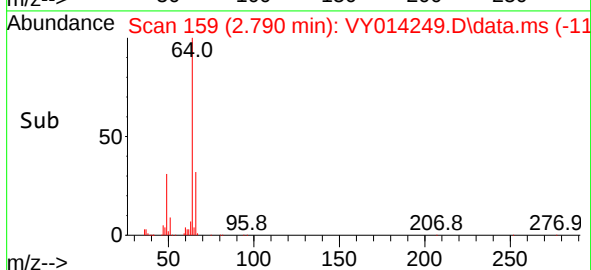
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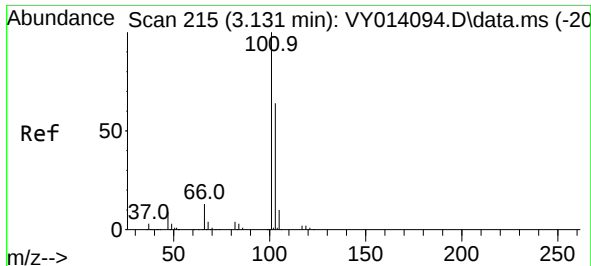


#6
Chloroethane
Concen: 45.683 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



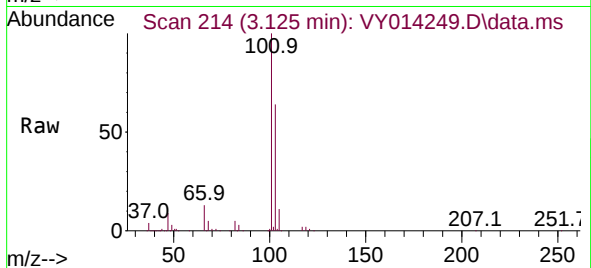
Tgt Ion: 64 Resp: 83115
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 52.765 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY014249.D
 Acq: 19 Jun 2023 23:36

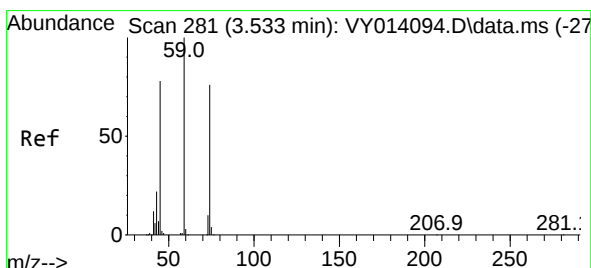
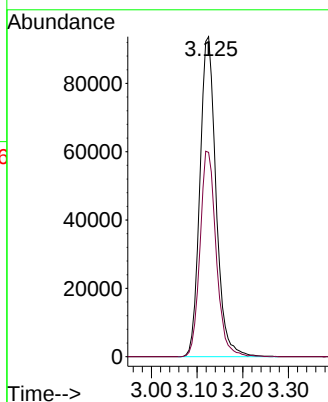
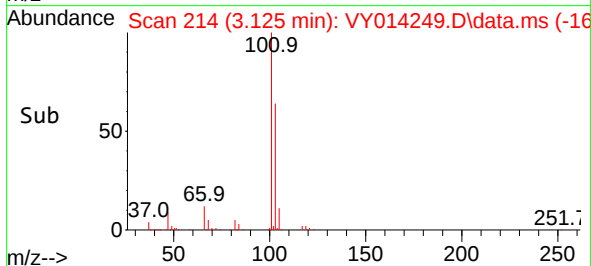
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Tgt Ion:101 Resp: 22951
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.0

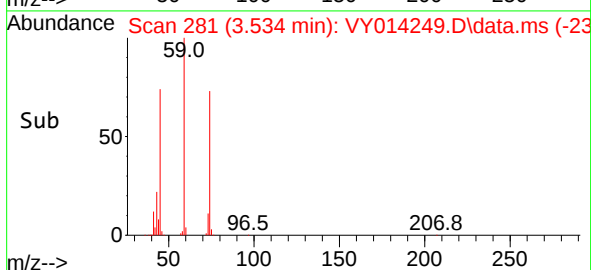
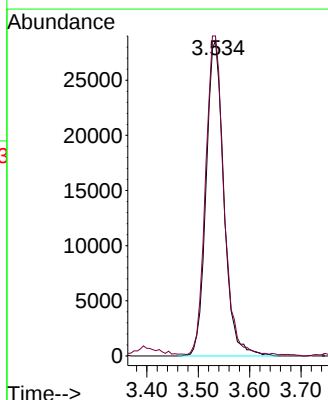
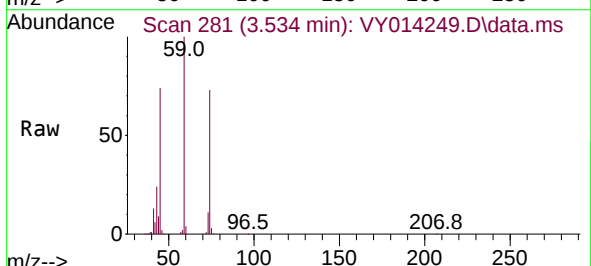
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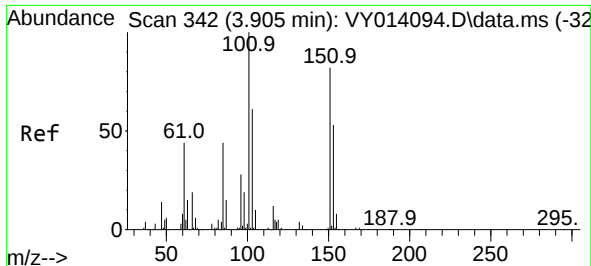
Reviewed By :John Carlone 06/20/2023
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#8
 Diethyl Ether
 Concen: 47.238 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.001 min
 Lab File: VY014249.D
 Acq: 19 Jun 2023 23:36

Tgt Ion: 74 Resp: 68611
 Ion Ratio Lower Upper
 74 100
 45 103.1 51.5 154.5





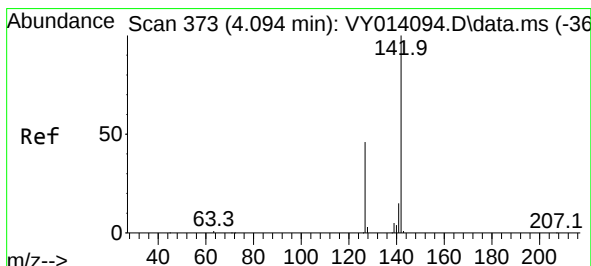
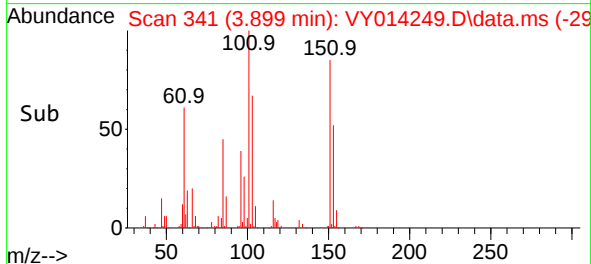
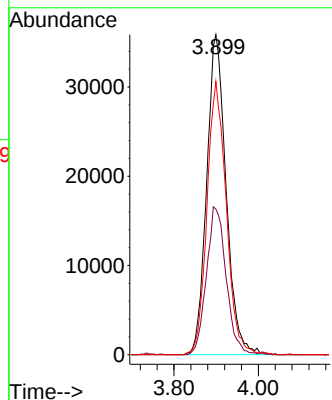
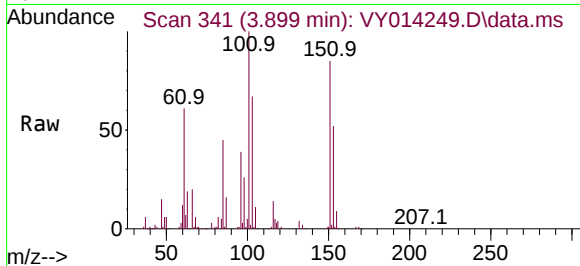
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.376 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 11498
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 84.3 67.0 100.6

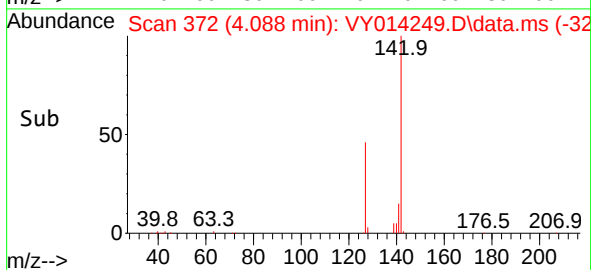
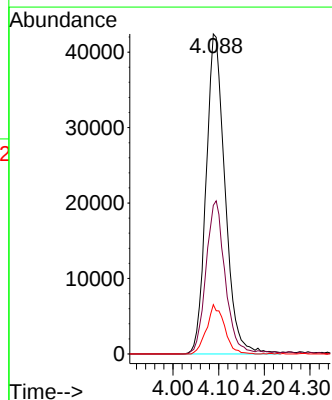
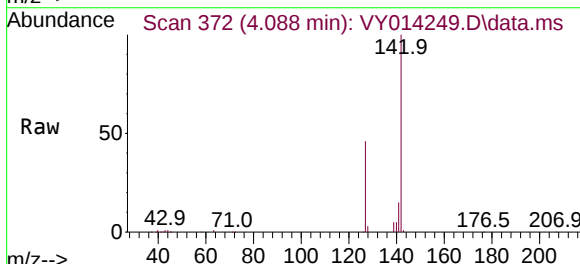
Manual Integrations
APPROVED

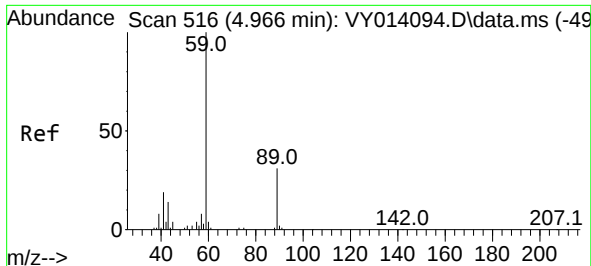
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#10
Methyl Iodide
Concen: 42.143 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

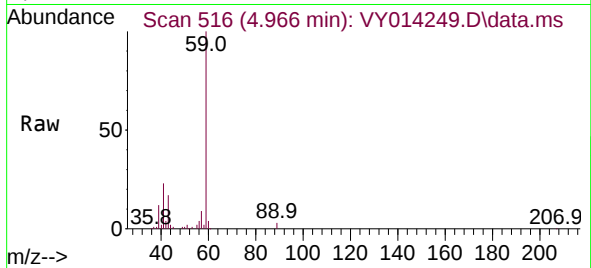
Tgt Ion:142 Resp: 122165
Ion Ratio Lower Upper
142 100
127 48.1 37.6 56.4
141 14.5 11.8 17.8





#11
Tert butyl alcohol
Concen: 241.556 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

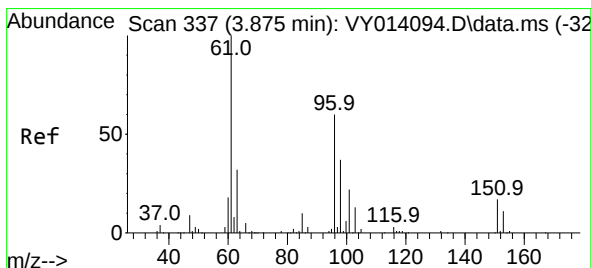
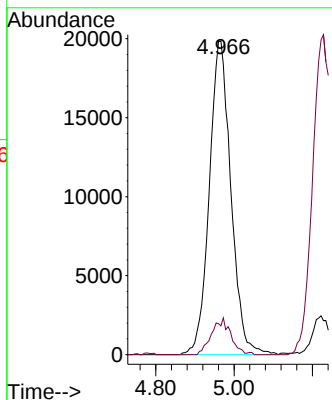
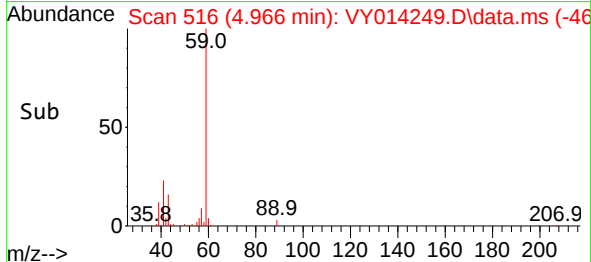
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



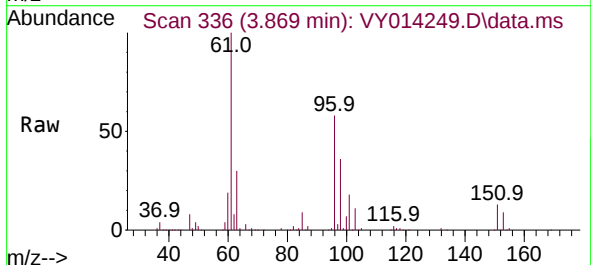
Tgt Ion: 59 Resp: 7610
Ion Ratio Lower Upper
59 100
57 5.4 3.0 4.4

Manual Integrations
APPROVED

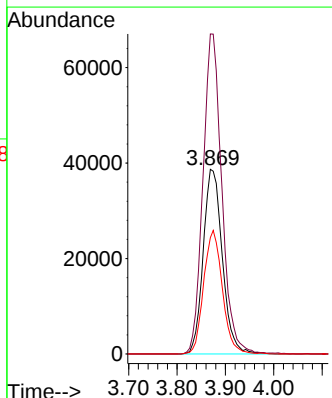
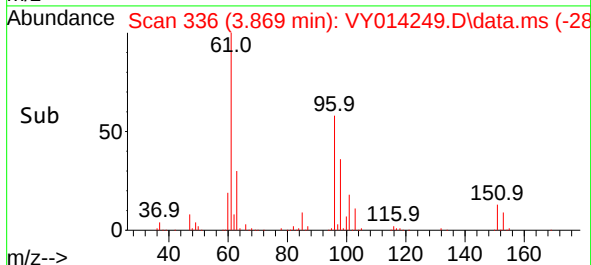
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

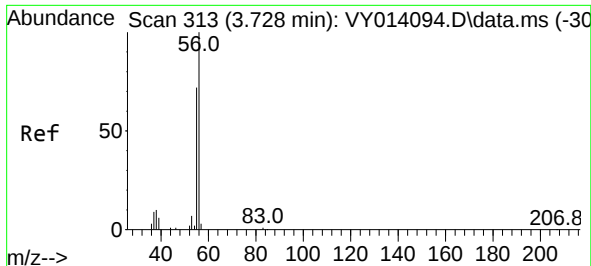


#12
1,1-Dichloroethene
Concen: 47.919 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



Tgt Ion: 96 Resp: 106627
Ion Ratio Lower Upper
96 100
61 173.3 136.4 204.6
98 63.0 49.4 74.2





#13

Acrolein

Concen: 215.998 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.007 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 2754

Ion Ratio Lower Upper

56 100

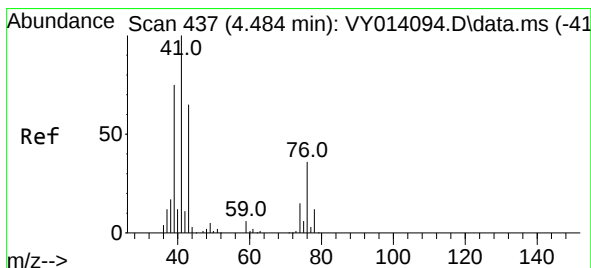
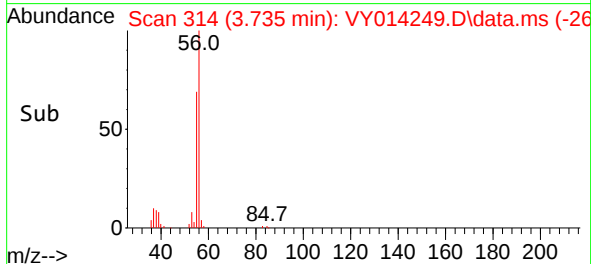
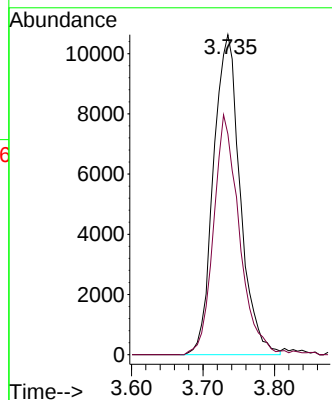
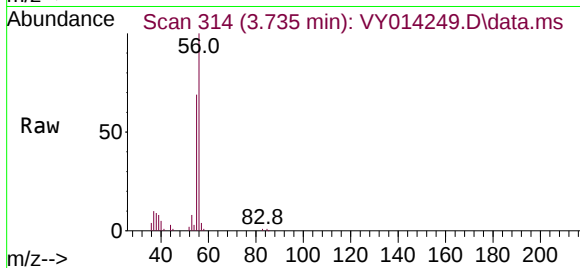
55 72.5 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#14

Allyl chloride

Concen: 47.035 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.001 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

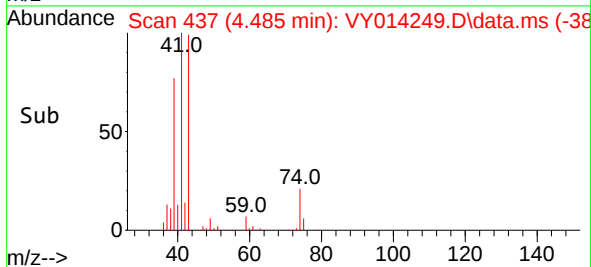
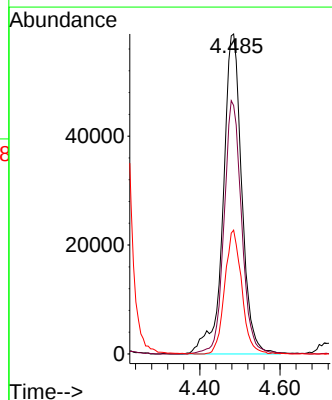
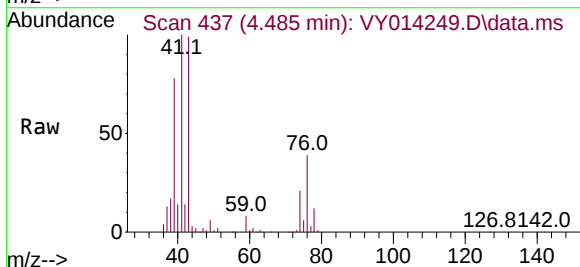
Tgt Ion: 41 Resp: 189712

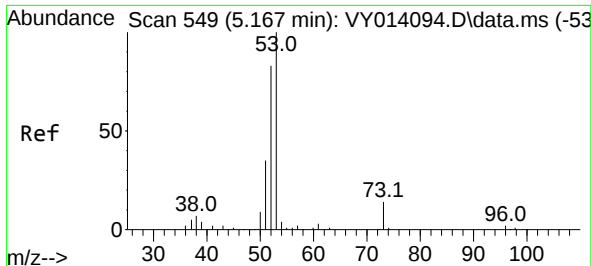
Ion Ratio Lower Upper

41 100

39 74.8 58.0 87.0

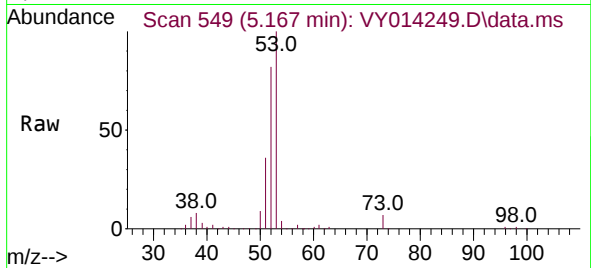
76 35.3 27.4 41.2





#15
Acrylonitrile
Concen: 270.516 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

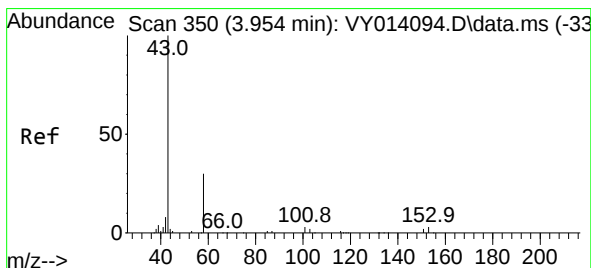
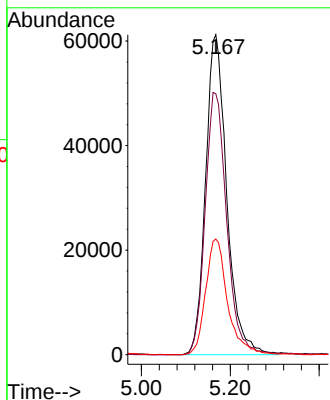
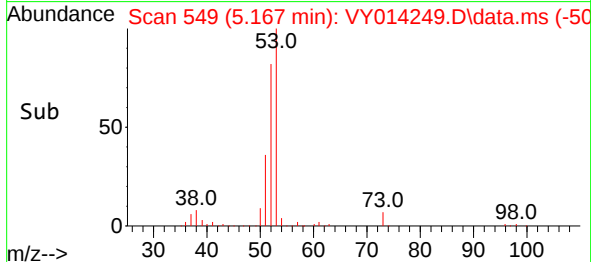
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 20266
Ion Ratio Lower Upper
53 100
52 83.5 66.9 100.3
51 37.5 29.8 44.6

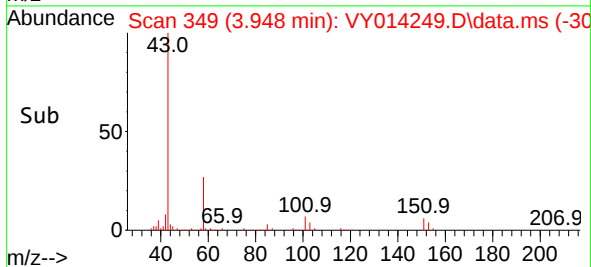
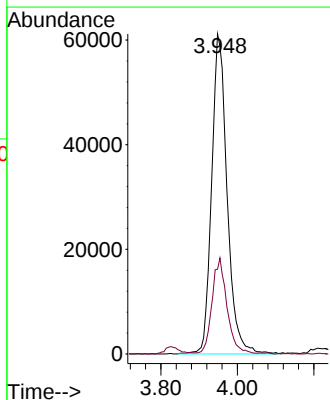
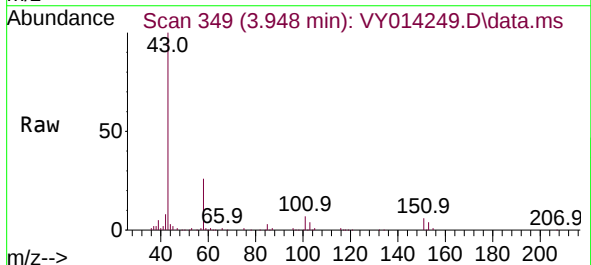
Manual Integrations
APPROVED

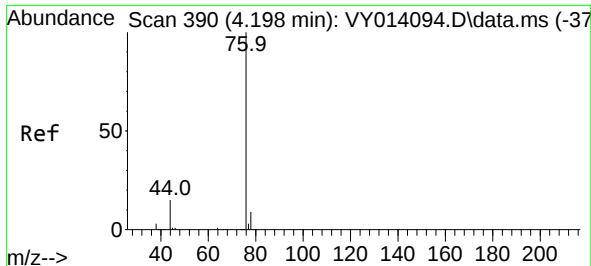
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#16
Acetone
Concen: 210.177 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

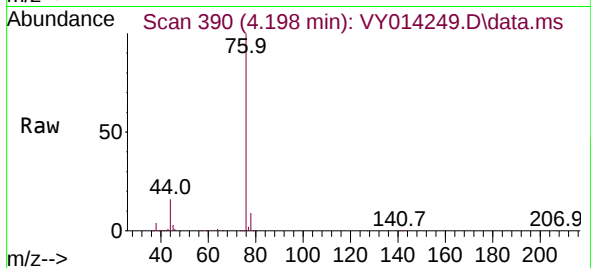
Tgt Ion: 43 Resp: 171929
Ion Ratio Lower Upper
43 100
58 26.3 22.7 34.1





#17
Carbon Disulfide
Concen: 45.956 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

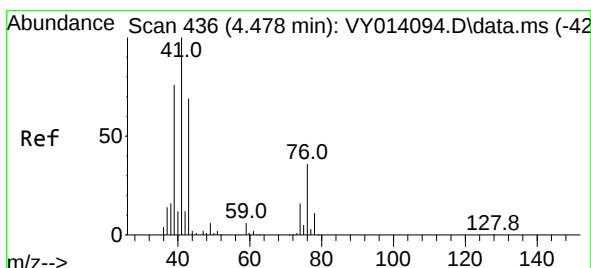
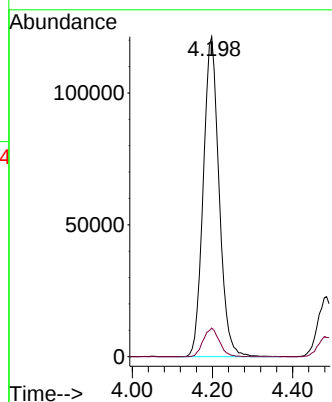
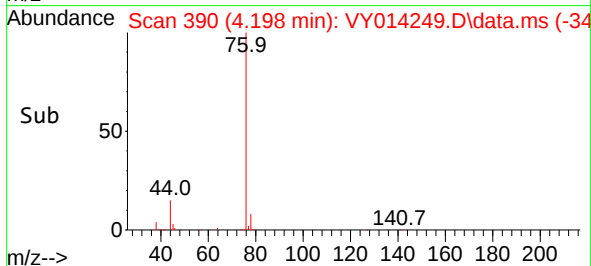
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



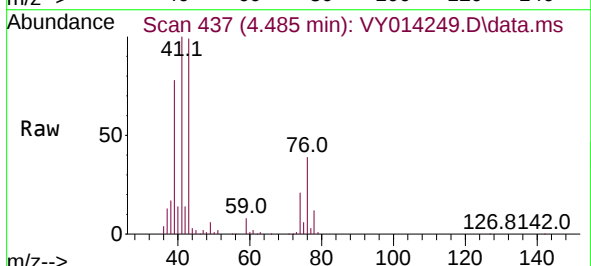
Tgt Ion: 76 Resp: 33136
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

Manual Integrations
APPROVED

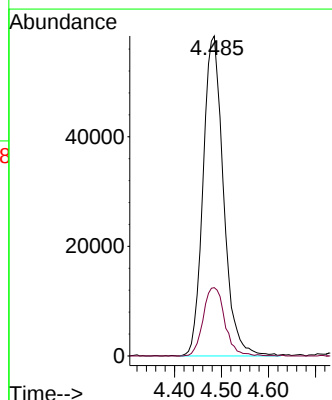
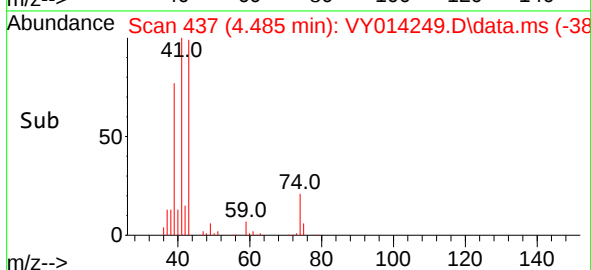
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

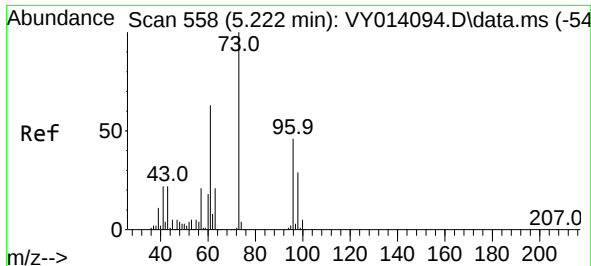


#18
Methyl Acetate
Concen: 55.366 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



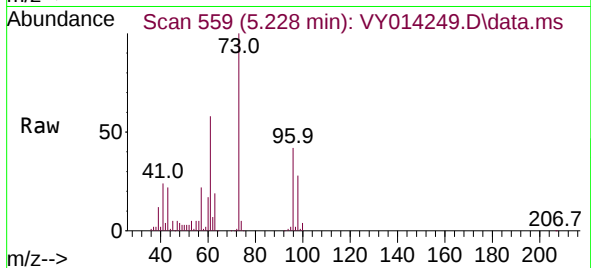
Tgt Ion: 43 Resp: 175795
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 51.207 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

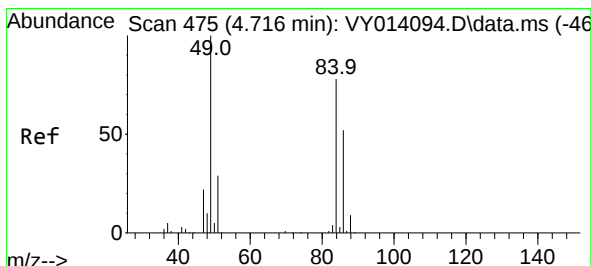
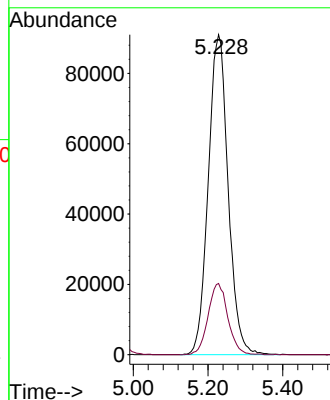
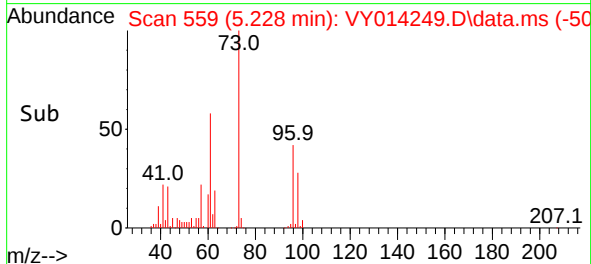
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 33605
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

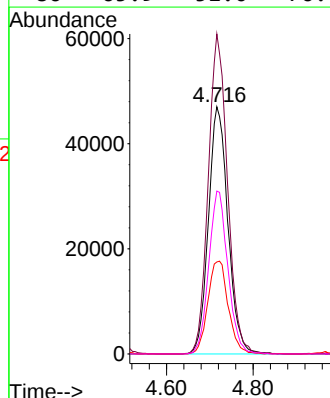
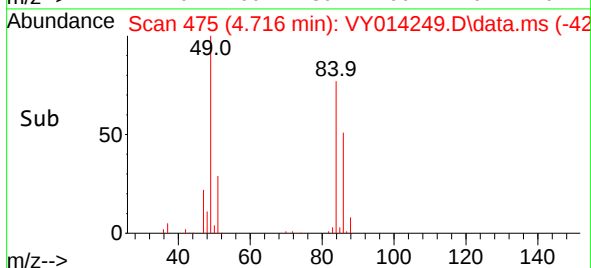
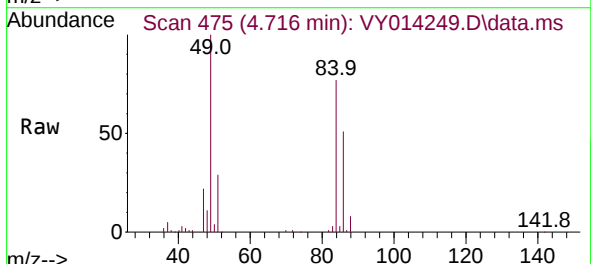
Manual Integrations
APPROVED

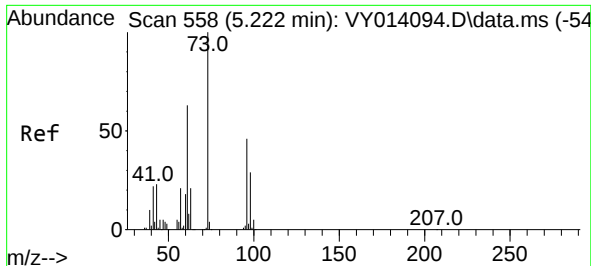
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#20
Methylene Chloride
Concen: 56.911 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

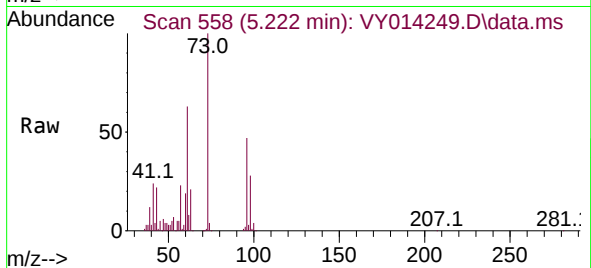
Tgt Ion: 84 Resp: 147331
Ion Ratio Lower Upper
84 100
49 129.4 106.9 160.3
51 37.2 33.2 49.8
86 65.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 50.570 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

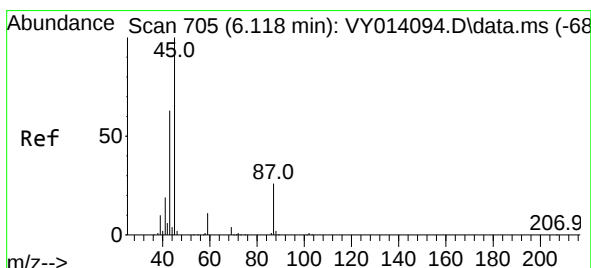
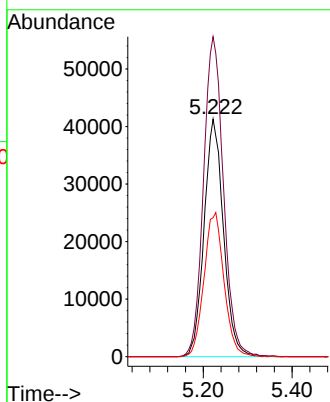
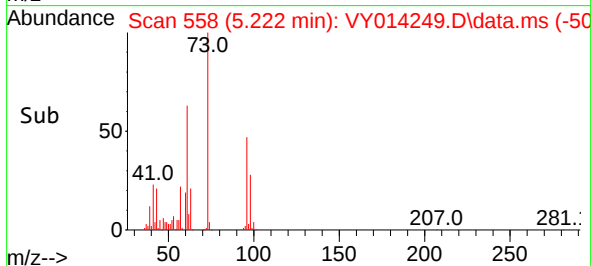
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



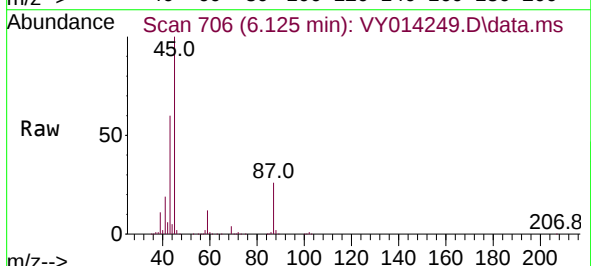
Tgt Ion: 96 Resp: 125508
Ion Ratio Lower Upper
96 100
61 134.7 110.2 165.4
98 58.6 51.8 77.6

Manual Integrations
APPROVED

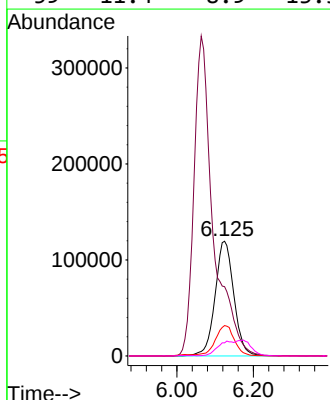
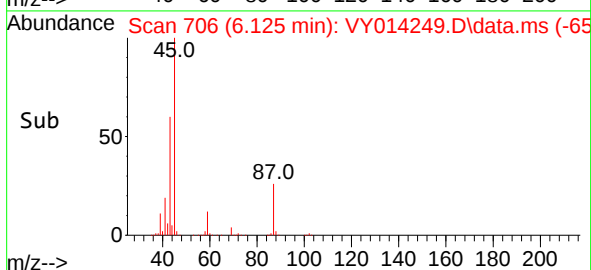
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

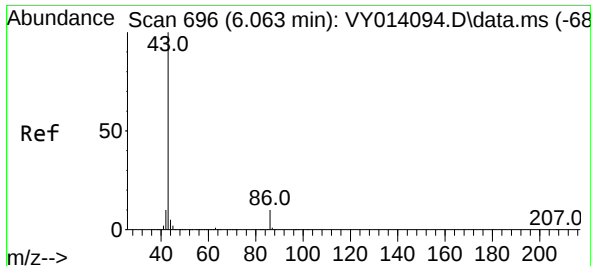


#22
Diisopropyl ether
Concen: 52.693 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



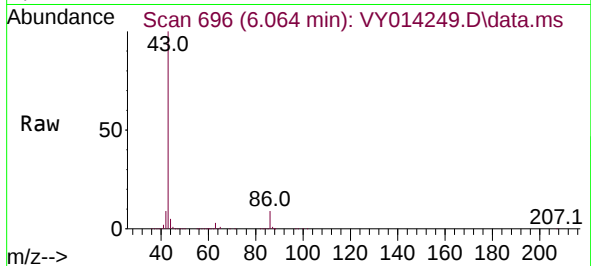
Tgt Ion: 45 Resp: 406928
Ion Ratio Lower Upper
45 100
43 60.2 52.2 78.4
87 26.5 21.0 31.6
59 11.4 8.9 13.3





#23
 Vinyl Acetate
 Concen: 256.105 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014249.D
 Acq: 19 Jun 2023 23:36

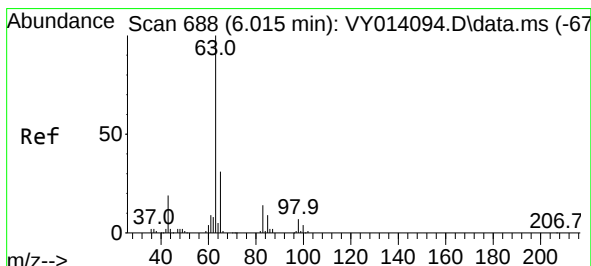
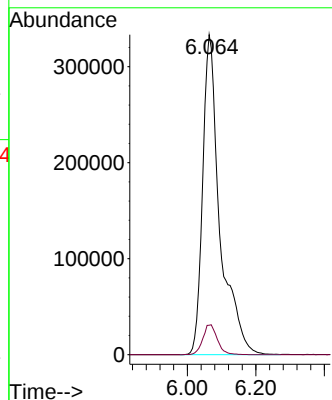
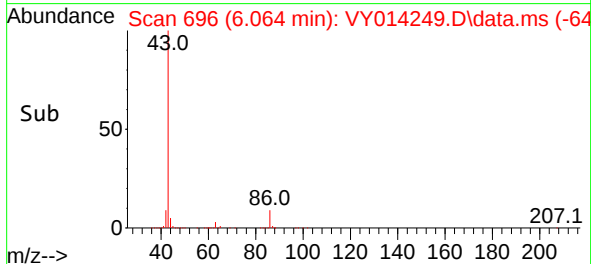
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



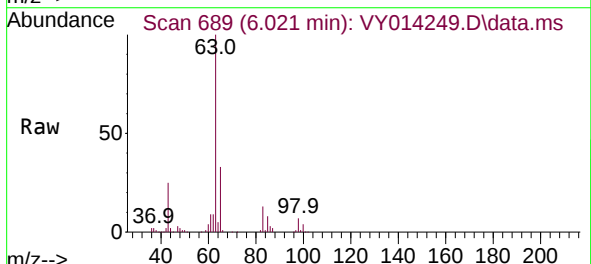
Tgt Ion: 43 Resp: 1166939
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3

Manual Integrations
 APPROVED

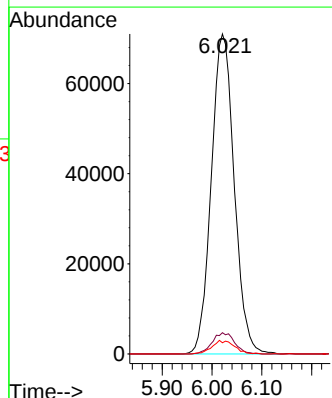
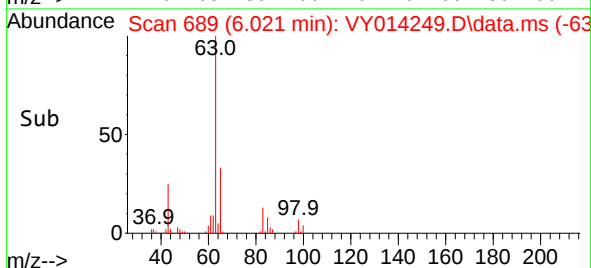
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023

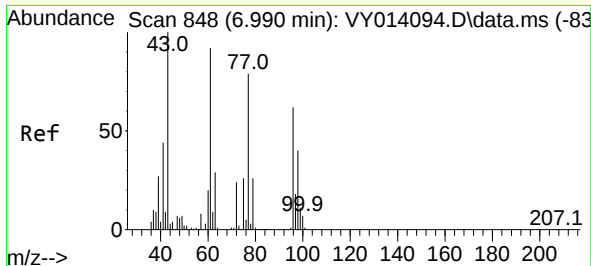


#24
 1,1-Dichloroethane
 Concen: 50.874 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY014249.D
 Acq: 19 Jun 2023 23:36



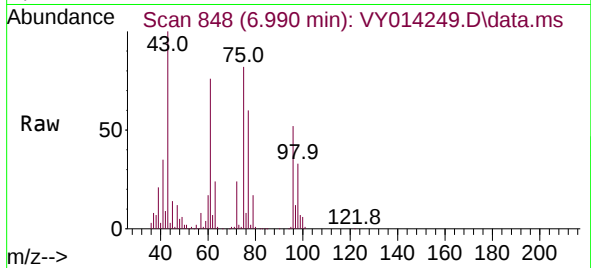
Tgt Ion: 63 Resp: 226523
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 3.5 1.8 5.5





#25
2-Butanone
Concen: 277.382 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

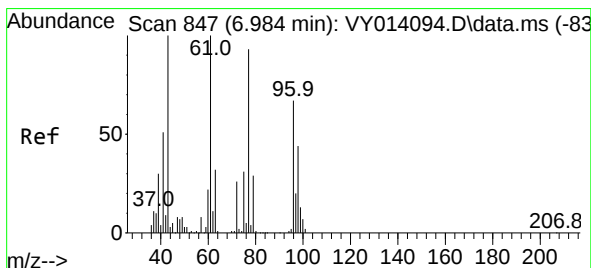
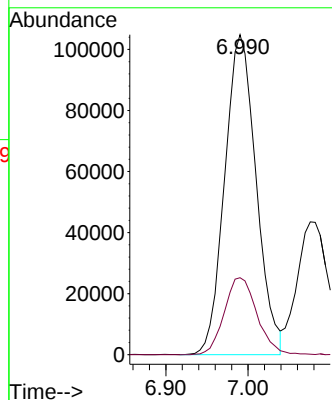
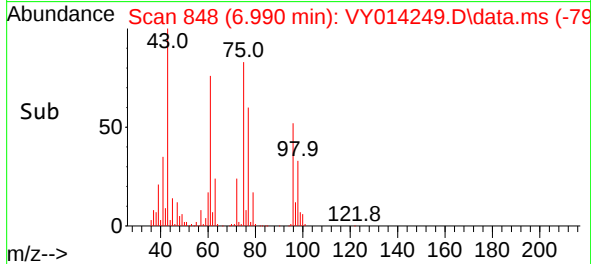
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



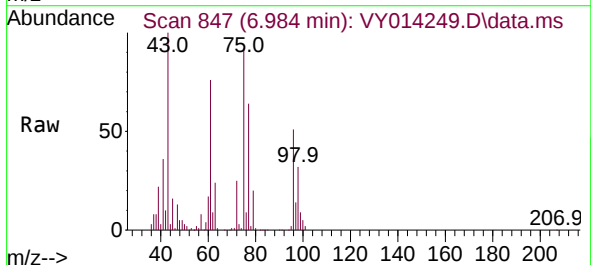
Tgt Ion: 43 Resp: 279309
Ion Ratio Lower Upper
43 100
72 24.0 20.5 30.7

Manual Integrations
APPROVED

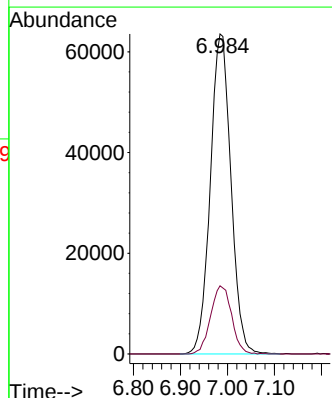
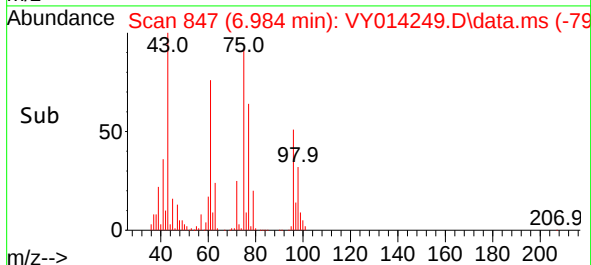
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

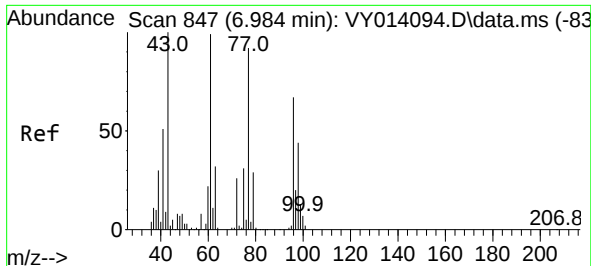


#26
2,2-Dichloropropane
Concen: 46.226 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



Tgt Ion: 77 Resp: 193321
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.864 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

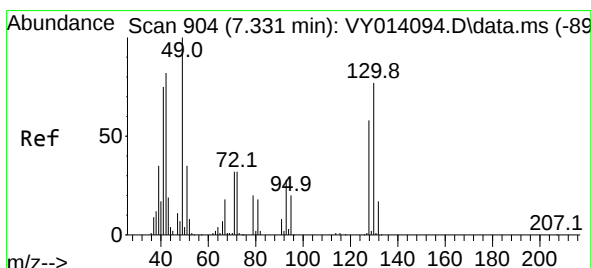
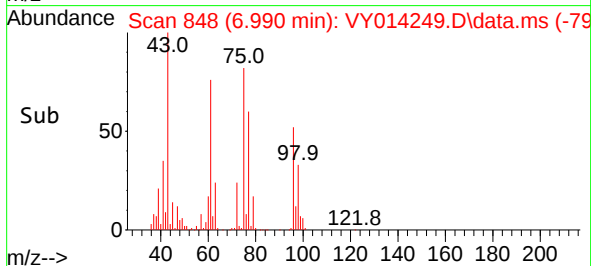
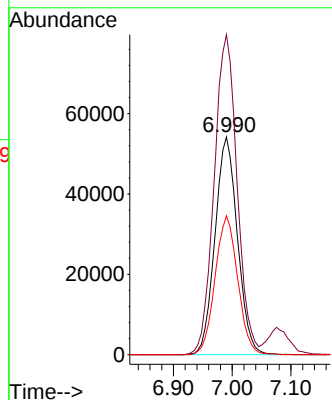
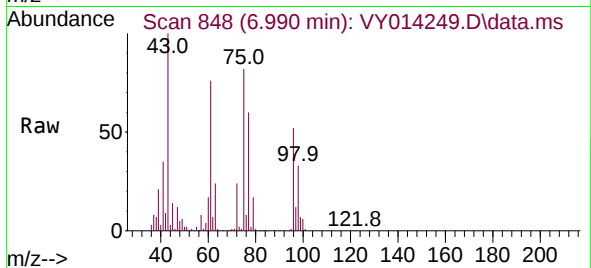
Tgt Ion:	96	Resp:	143990
Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	301.4
98	64.2	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#28

Bromochloromethane

Concen: 49.301 ug/l

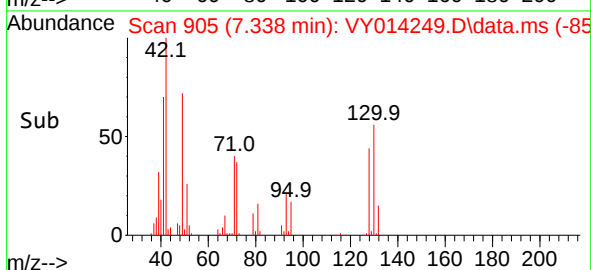
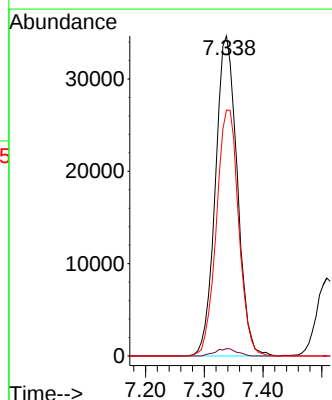
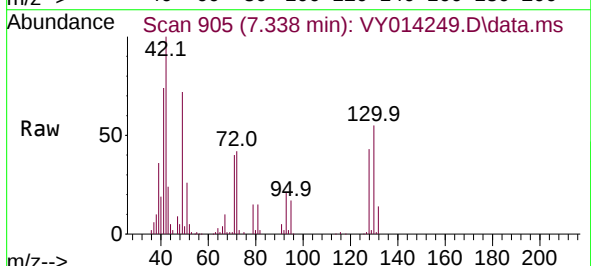
RT: 7.338 min Scan# 905

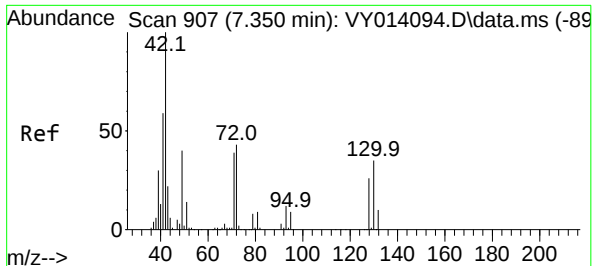
Delta R.T. 0.007 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Tgt Ion:	49	Resp:	89271
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	78.4	60.7	91.1





#29

Tetrahydrofuran

Concen: 286.406 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 182875

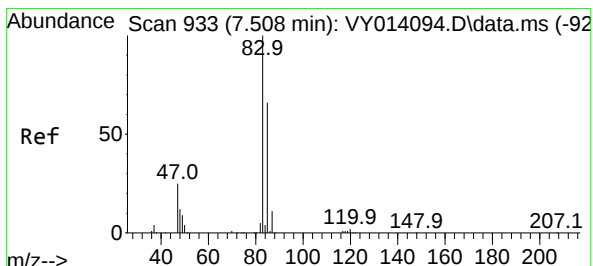
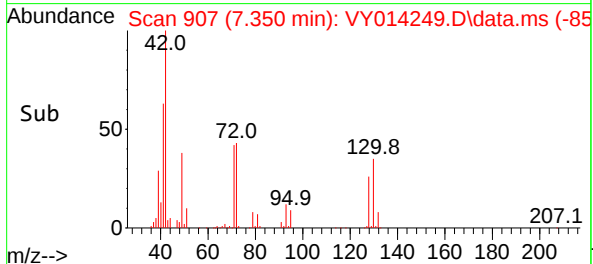
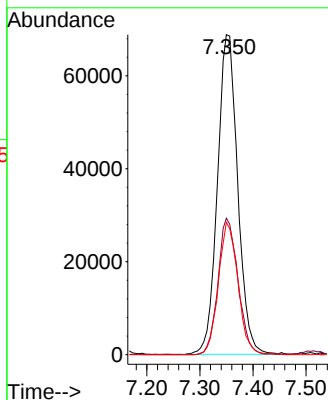
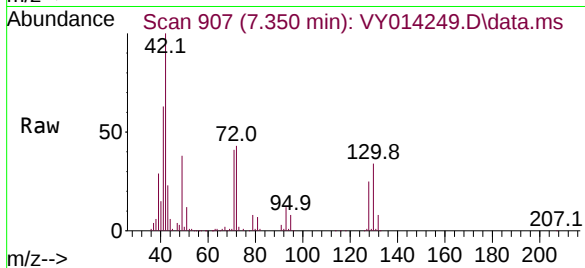
Ion	Ratio	Lower	Upper
42	100		
72	42.1	32.8	49.2
71	39.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#30

Chloroform

Concen: 52.918 ug/l

RT: 7.508 min Scan# 933

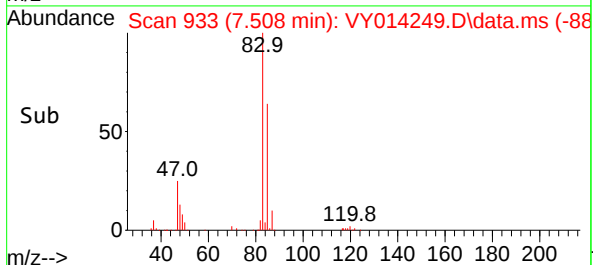
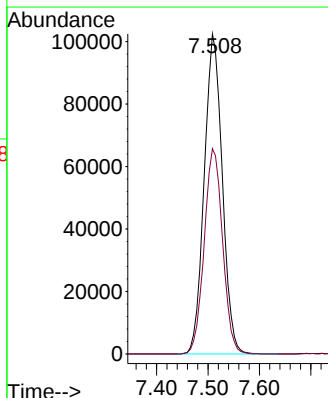
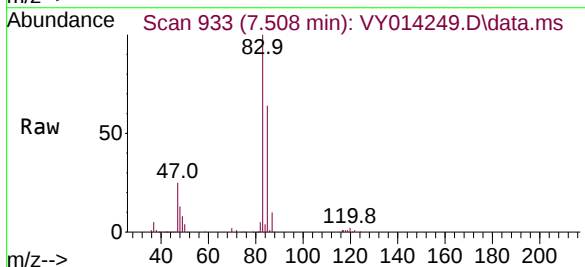
Delta R.T. 0.000 min

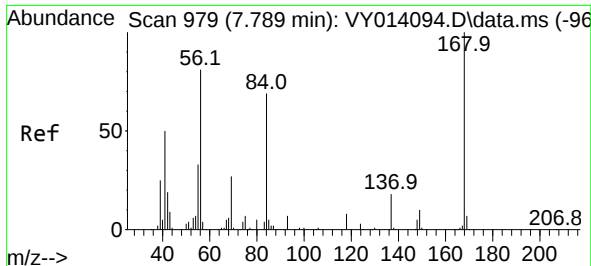
Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Tgt Ion: 83 Resp: 249971

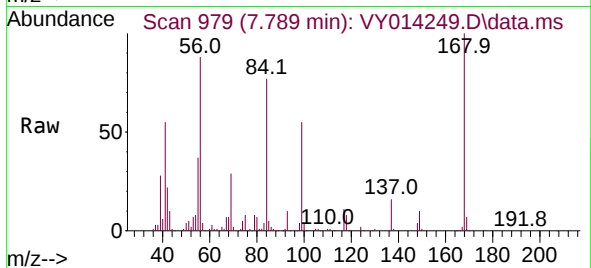
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.7	74.5





#31
Cyclohexane
Concen: 52.112 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

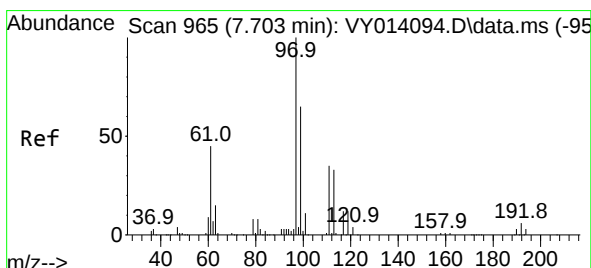
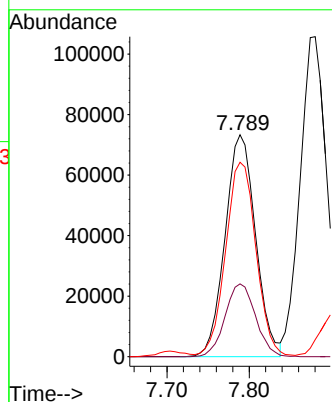
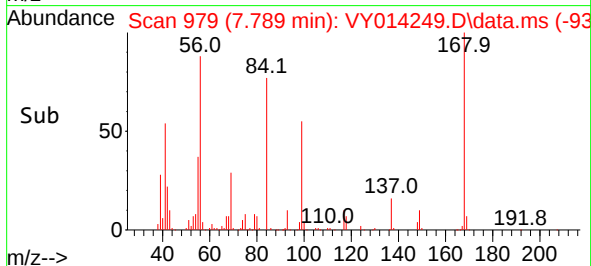
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 189448
Ion Ratio Lower Upper
56 100
69 32.8 27.8 41.6
84 85.9 66.4 99.6

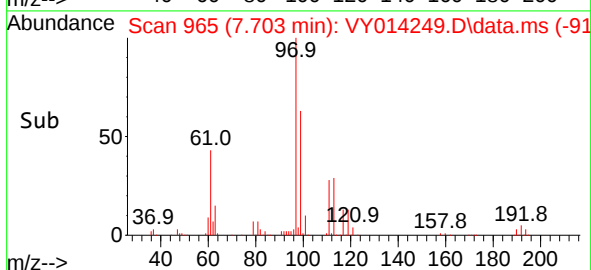
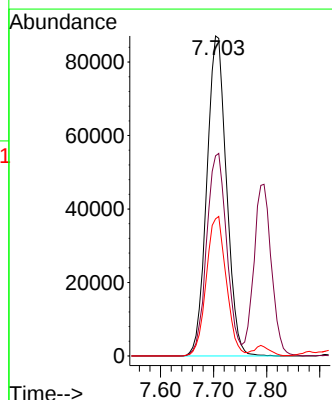
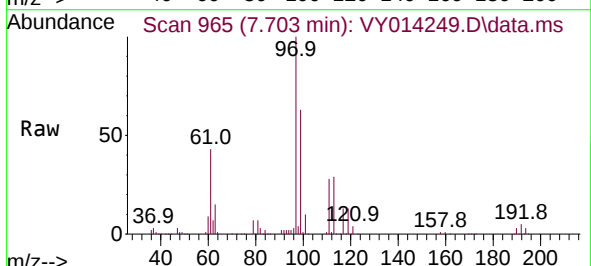
Manual Integrations
APPROVED

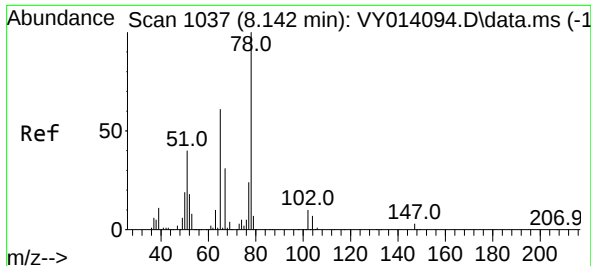
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#32
1,1,1-Trichloroethane
Concen: 52.557 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 97 Resp: 223916
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 44.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.339 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 13118

Ion Ratio Lower Upper

65 100

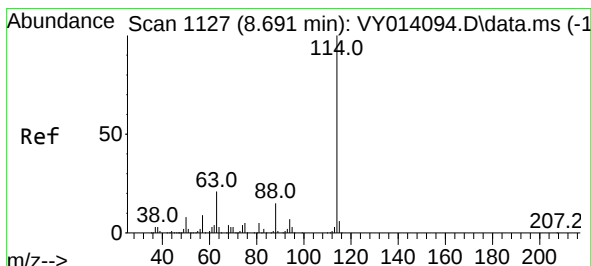
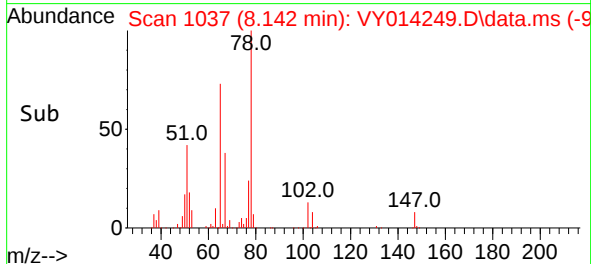
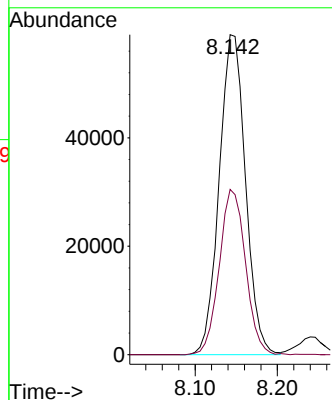
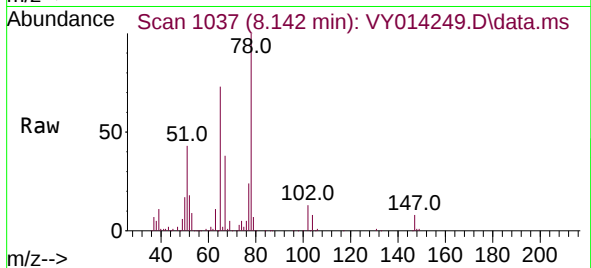
67 51.5 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

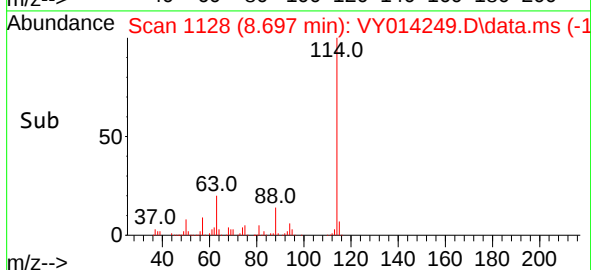
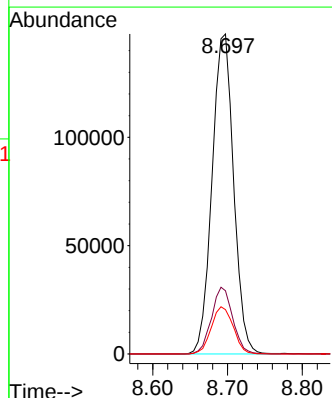
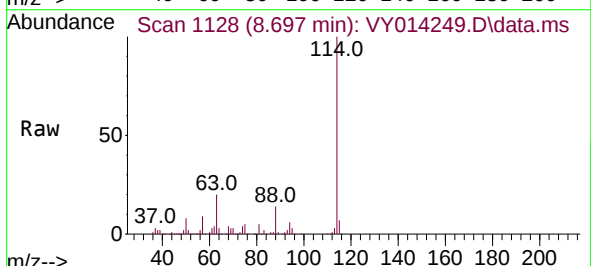
Tgt Ion:114 Resp: 295778

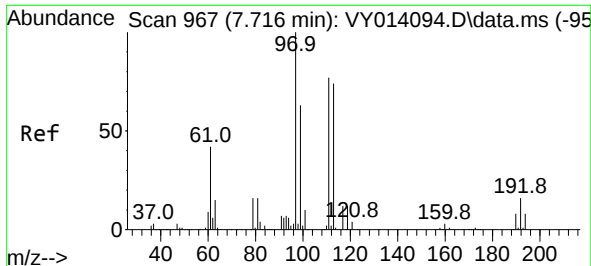
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

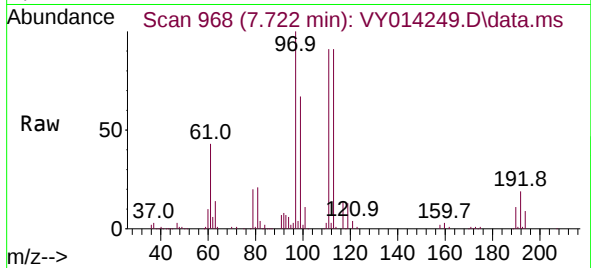
88 13.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 55.246 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

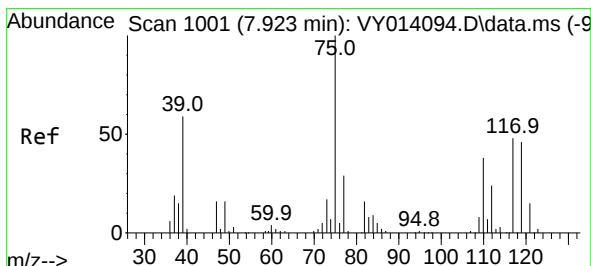
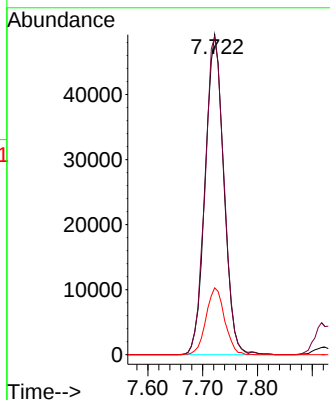
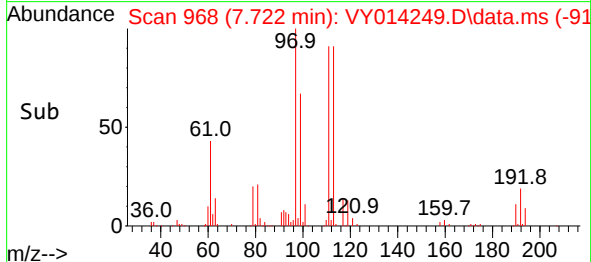
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



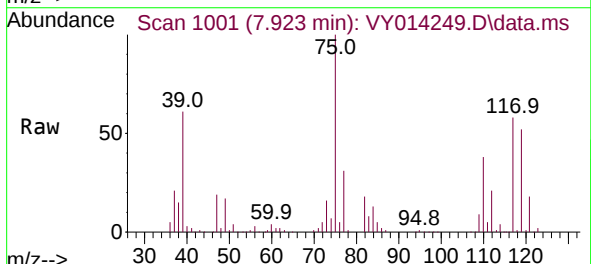
Tgt Ion: 113 Resp: 115884
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 20.8 16.9 25.3

Manual Integrations
APPROVED

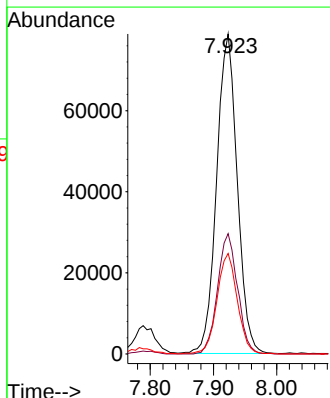
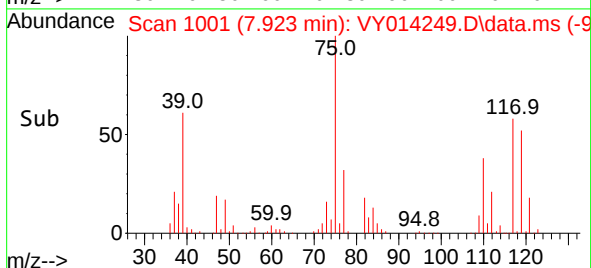
Reviewed By :John Carbone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

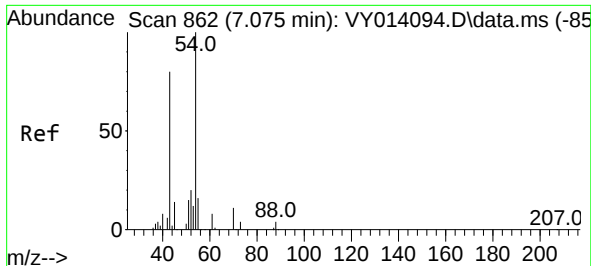


#36
1,1-Dichloropropene
Concen: 54.458 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



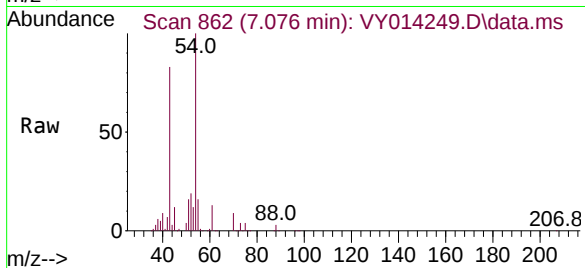
Tgt Ion: 75 Resp: 178086
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 53.457 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.001 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

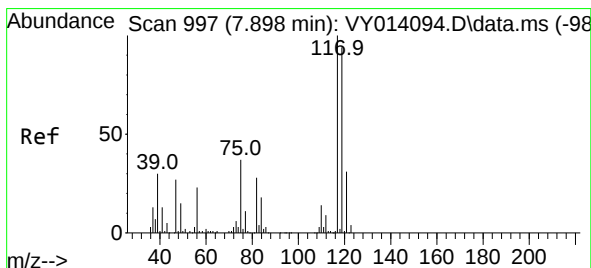
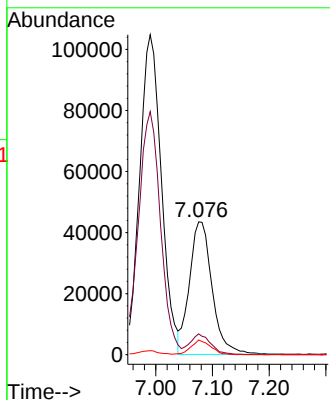
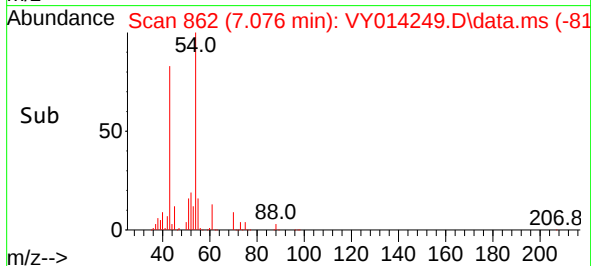
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 120619
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 9.5 7.1 10.7

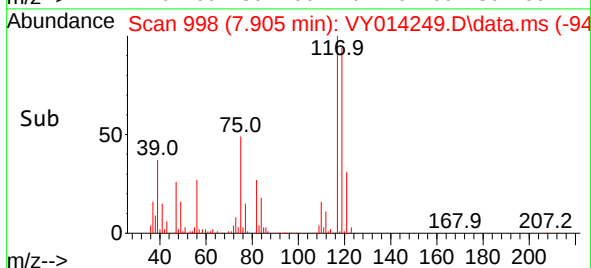
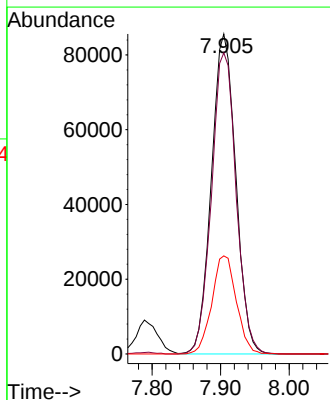
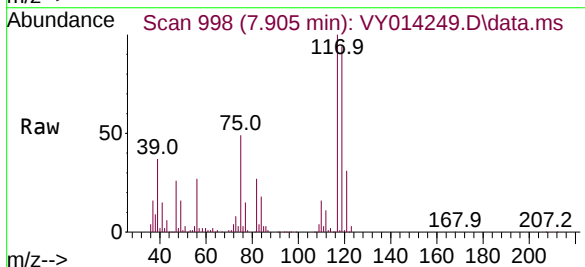
Manual Integrations
APPROVED

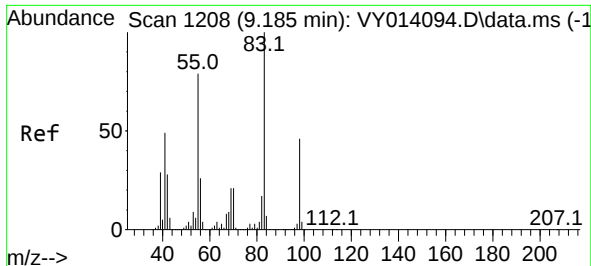
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#38
Carbon Tetrachloride
Concen: 55.969 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.007 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

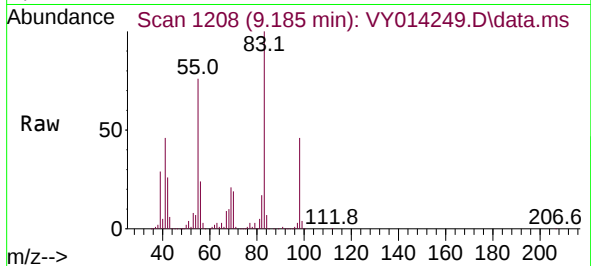
Tgt Ion:117 Resp: 211210
Ion Ratio Lower Upper
117 100
119 94.1 76.4 114.6
121 30.7 25.8 38.6





#39
Methylcyclohexane
Concen: 58.243 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

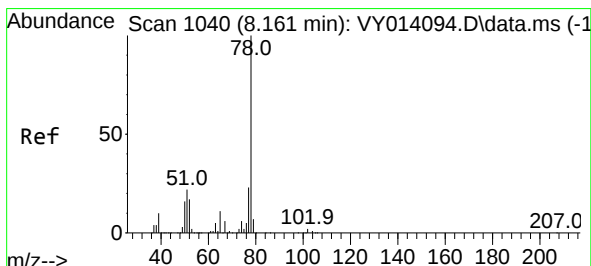
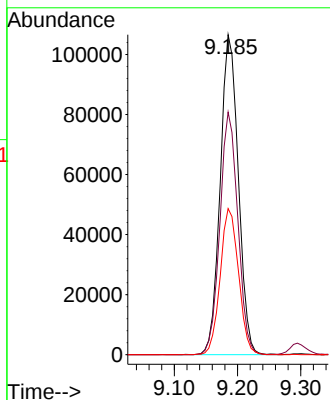
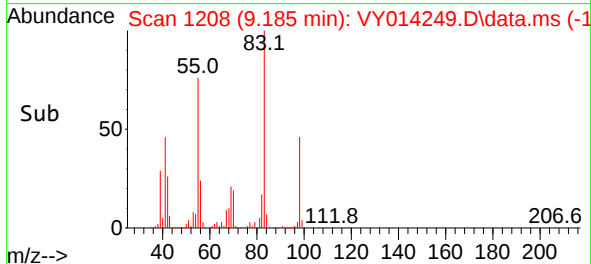
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



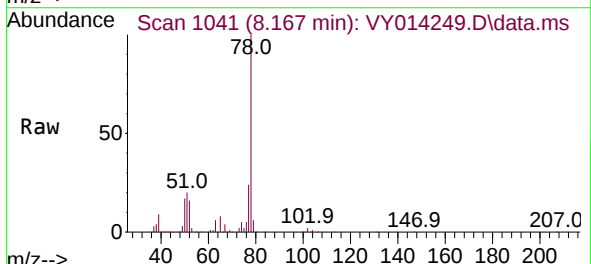
Tgt Ion: 83 Resp: 21132
Ion Ratio Lower Upper
83 100
55 75.8 63.0 94.4
98 45.7 37.4 56.2

Manual Integrations
APPROVED

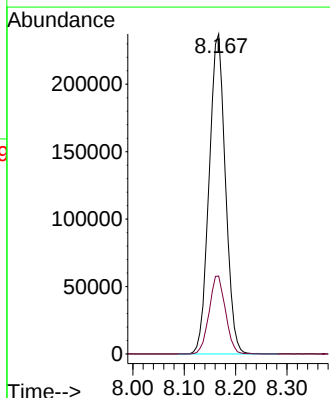
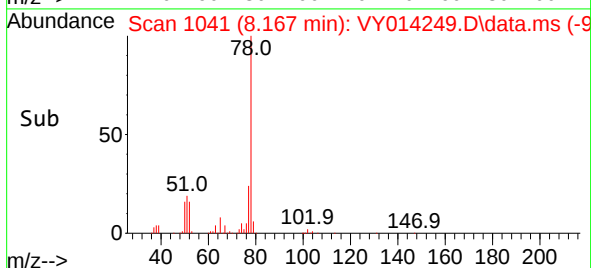
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

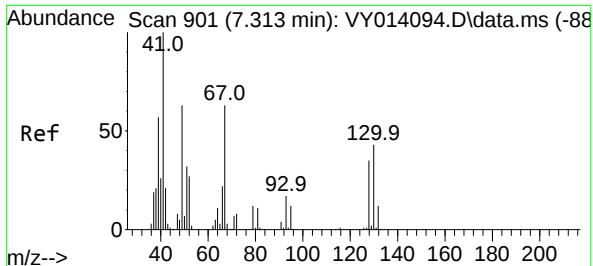


#40
Benzene
Concen: 53.779 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



Tgt Ion: 78 Resp: 522954
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6





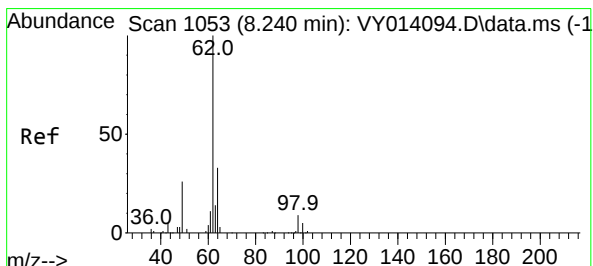
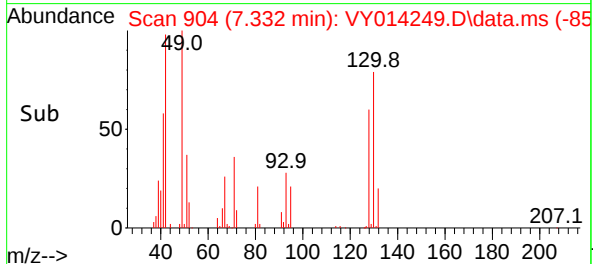
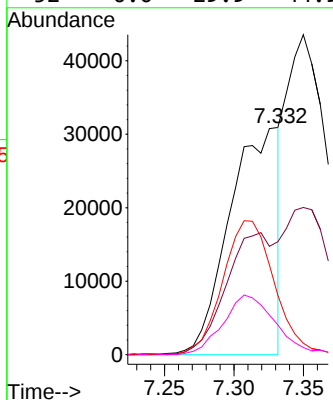
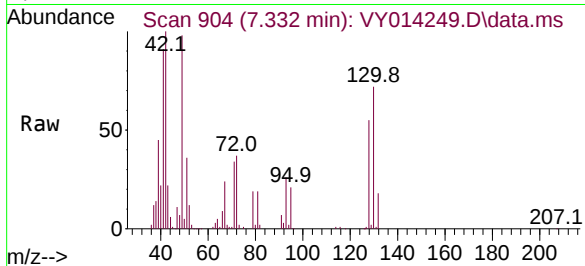
#41
Methacrylonitrile
Concen: 66.885 ug/l m
RT: 7.332 min Scan# 901
Delta R.T. 0.019 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 7702
Ion Ratio Lower Upper
41 100
39 60.9 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9#

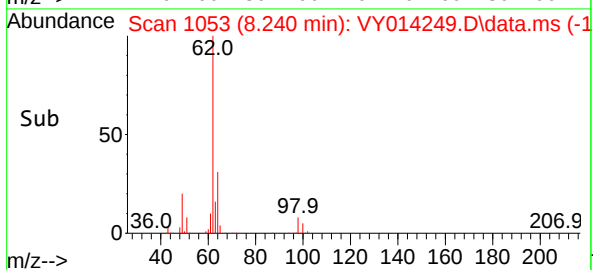
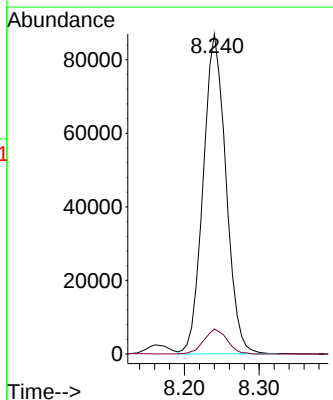
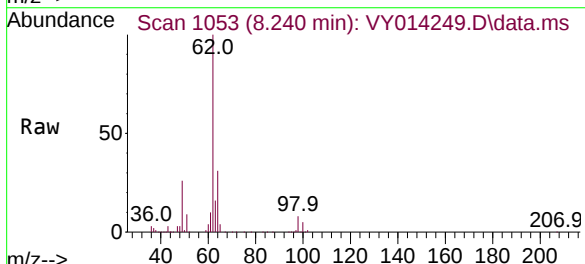
Manual Integrations
APPROVED

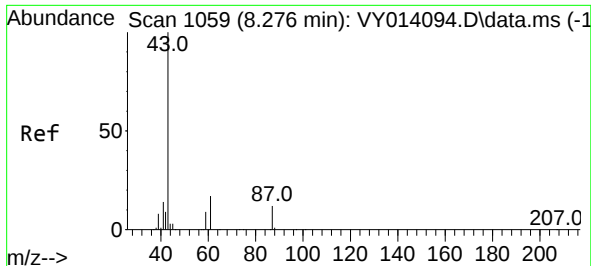
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#42
1,2-Dichloroethane
Concen: 53.507 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

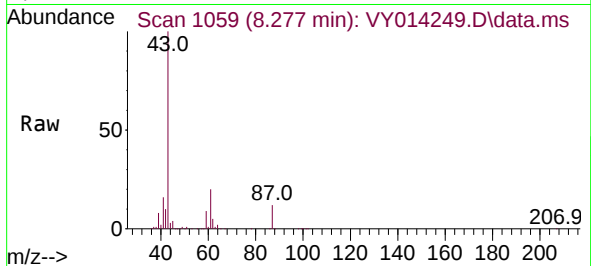
Tgt Ion: 62 Resp: 183994
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 54.489 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

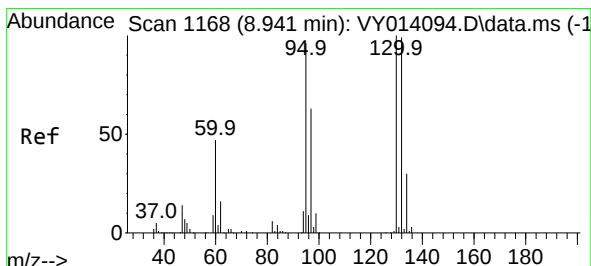
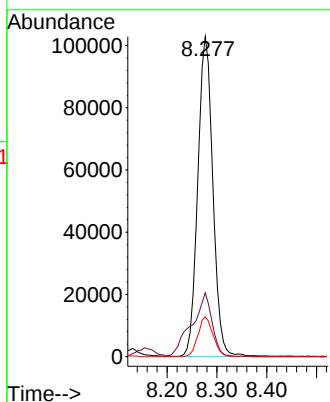
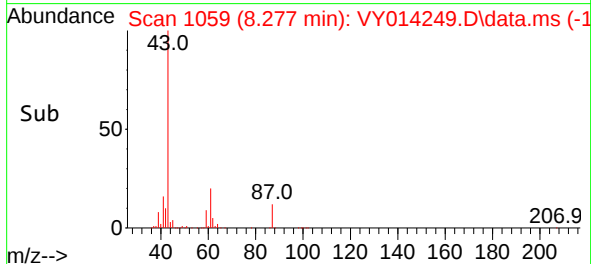
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 215486
Ion Ratio Lower Upper
43 100
61 27.0 21.1 31.7
87 12.5 9.8 14.8

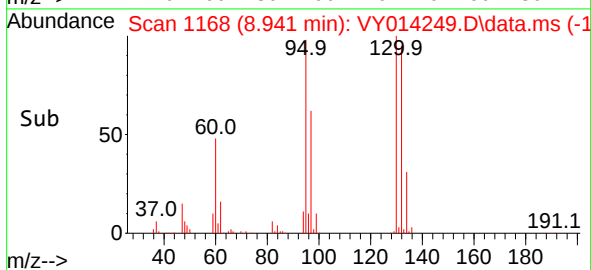
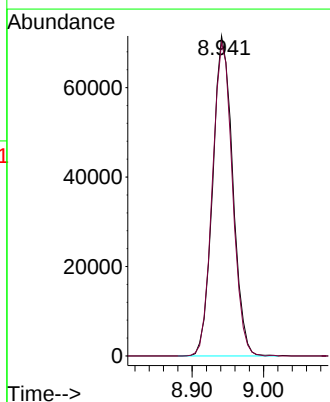
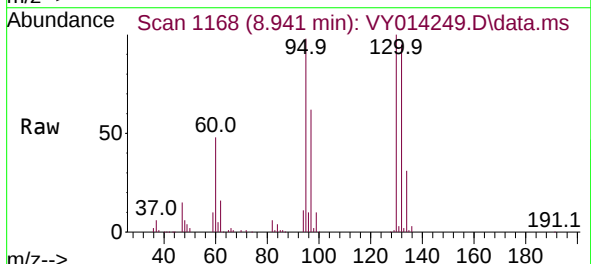
Manual Integrations
APPROVED

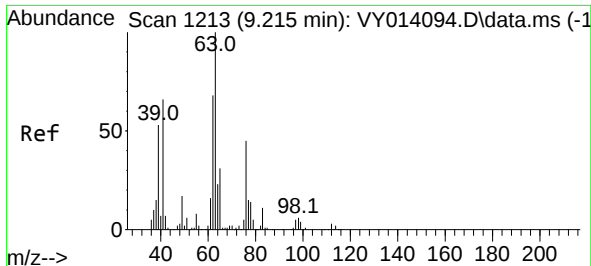
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#44
Trichloroethene
Concen: 53.627 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion:130 Resp: 139327
Ion Ratio Lower Upper
130 100
95 98.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.184 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.007 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 131362

Ion Ratio Lower Upper

63 100

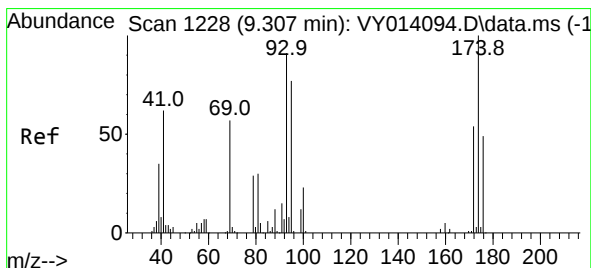
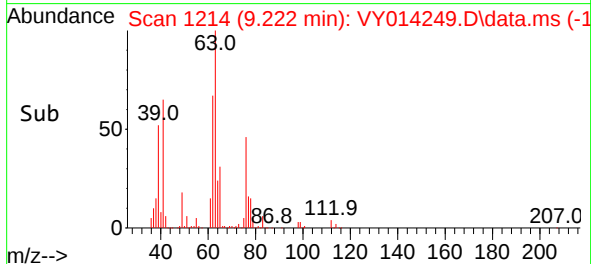
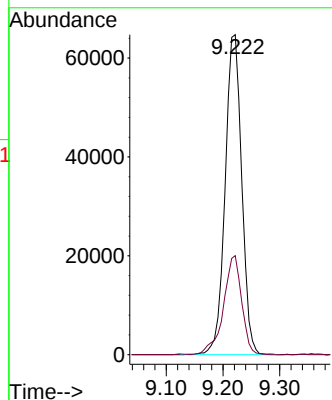
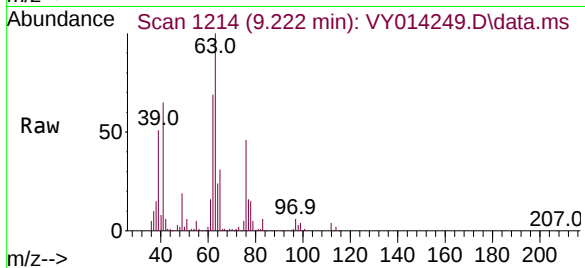
65 30.9 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#46

Dibromomethane

Concen: 53.640 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

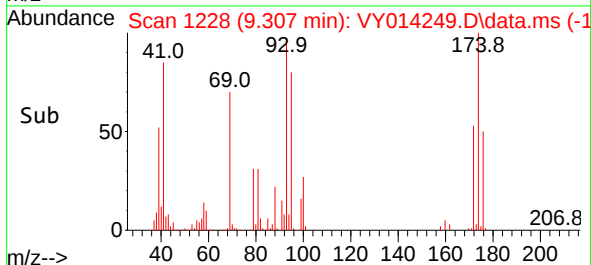
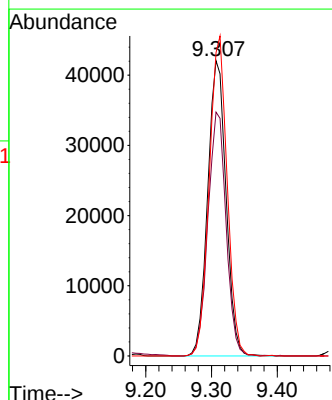
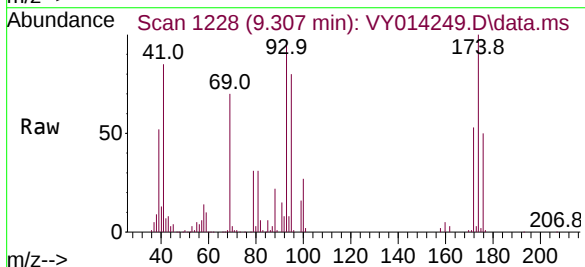
Tgt Ion: 93 Resp: 81554

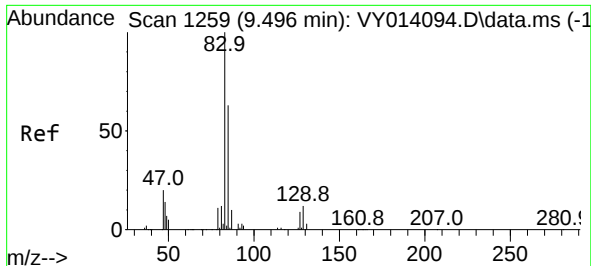
Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

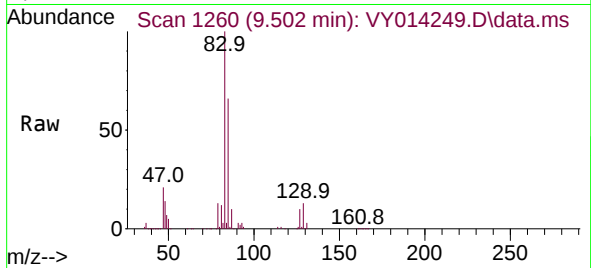
174 105.9 84.8 127.2





#47
Bromodichloromethane
Concen: 54.176 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

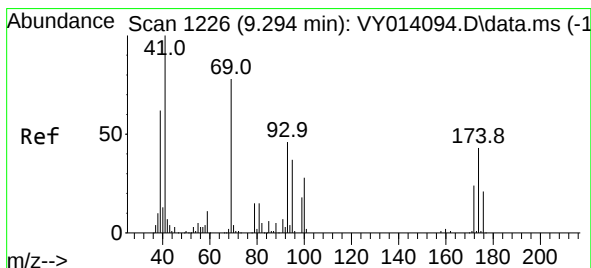
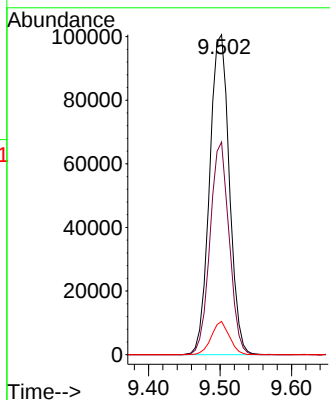
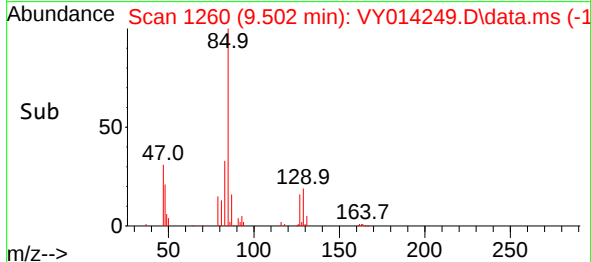
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 192859
Ion Ratio Lower Upper
83 100
85 66.5 50.1 75.1
127 10.4 7.1 10.7

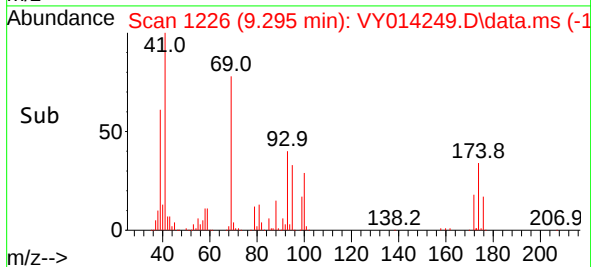
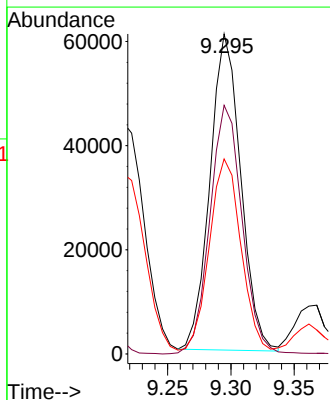
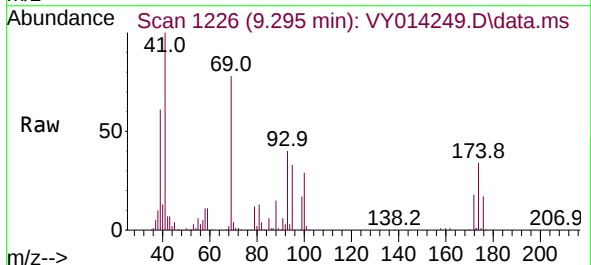
Manual Integrations
APPROVED

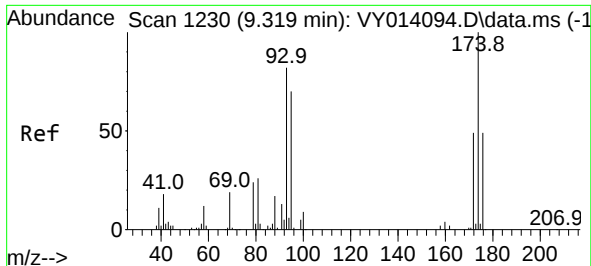
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#48
Methyl methacrylate
Concen: 55.747 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 41 Resp: 102828
Ion Ratio Lower Upper
41 100
69 82.3 64.5 96.7
39 61.9 50.8 76.2





#49

1,4-Dioxane

Concen: 1190.134 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

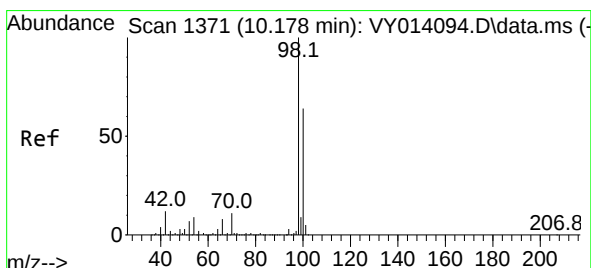
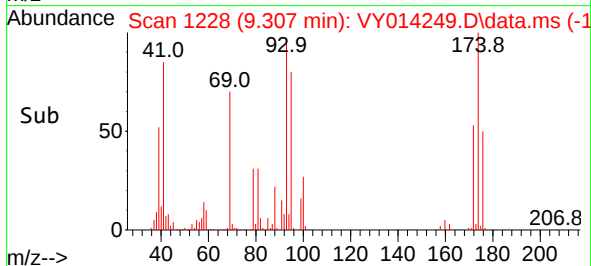
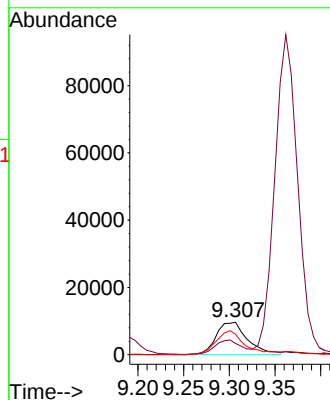
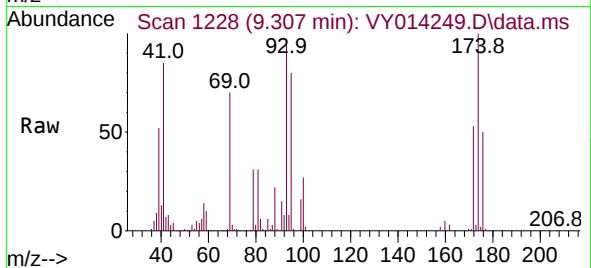
Tgt Ion:	88	Resp:	22992
Ion Ratio	Lower	Upper	
88	100		
43	37.8	0.0	0.0
58	68.8	30.9	46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#50

Toluene-d8

Concen: 49.344 ug/l

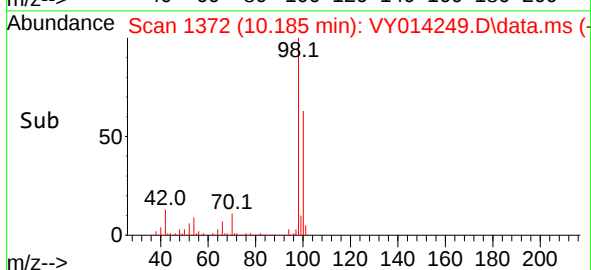
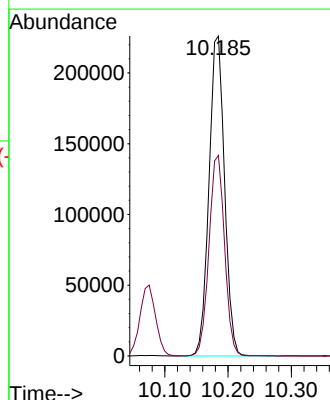
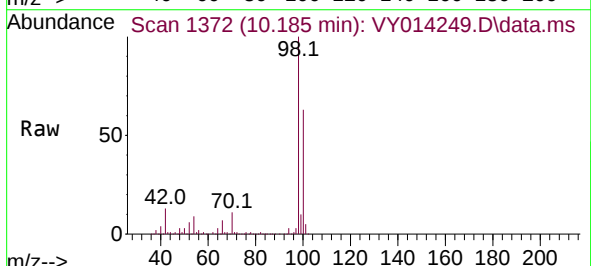
RT: 10.185 min Scan# 1372

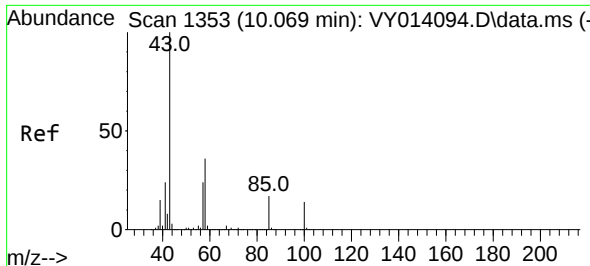
Delta R.T. 0.007 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Tgt Ion:	98	Resp:	386956
Ion Ratio	Lower	Upper	
98	100		
100	62.9	50.1	75.1





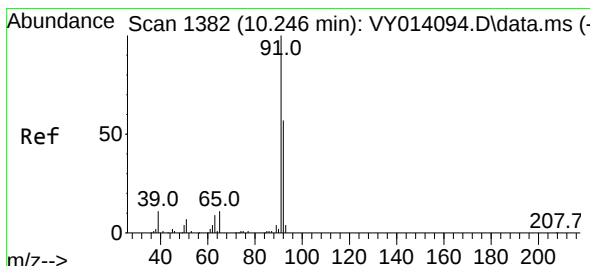
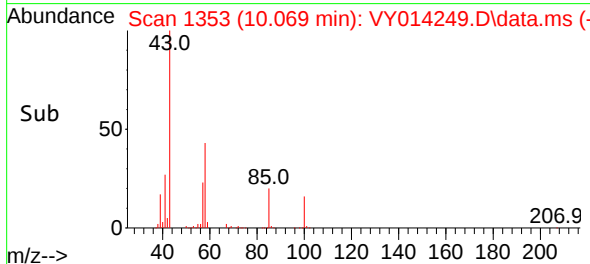
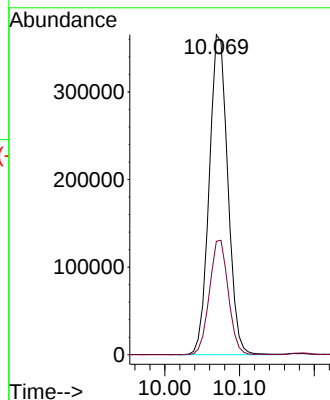
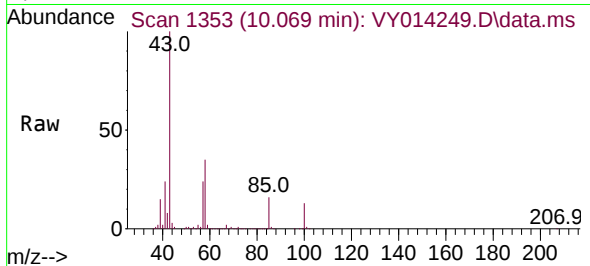
#51
4-Methyl-2-Pentanone
Concen: 293.361 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 630297
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6

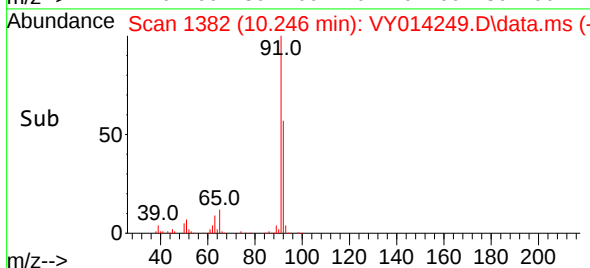
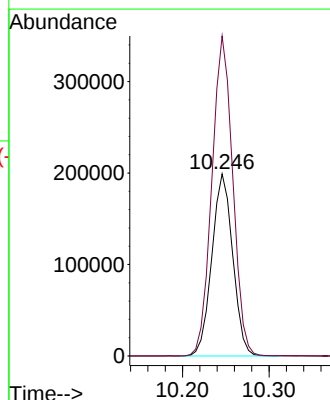
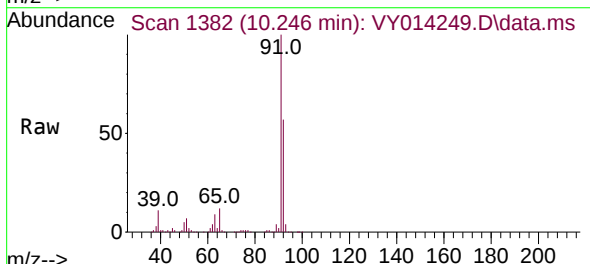
Manual Integrations
APPROVED

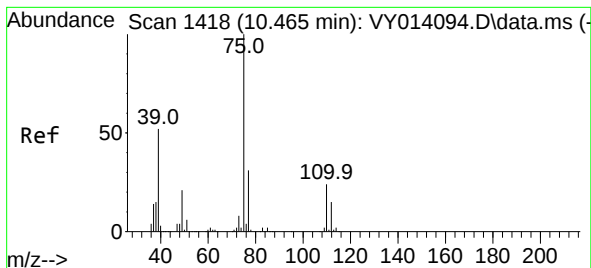
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#52
Toluene
Concen: 55.232 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

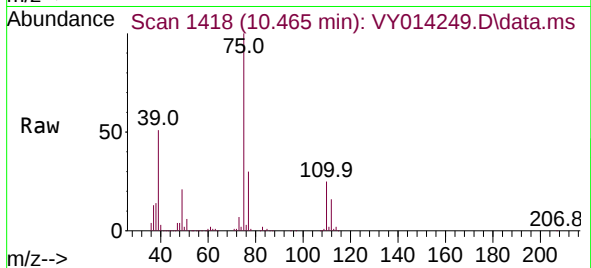
Tgt Ion: 92 Resp: 332938
Ion Ratio Lower Upper
92 100
91 176.2 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 53.357 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

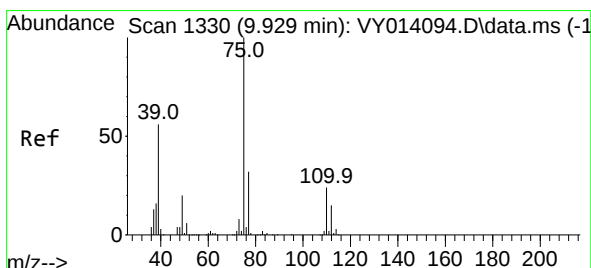
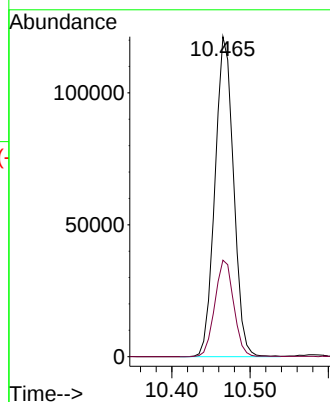
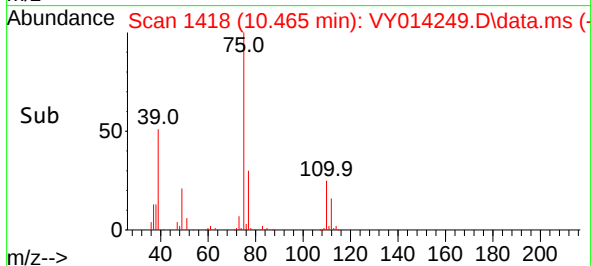
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 199958
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.4

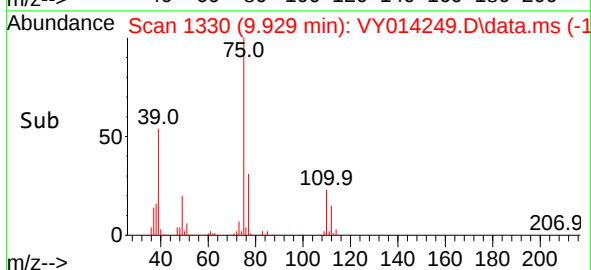
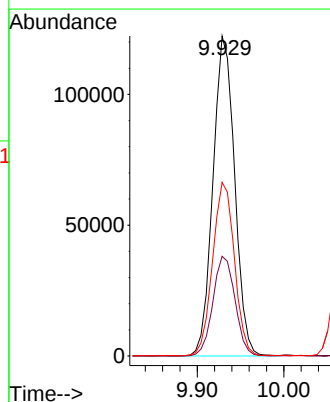
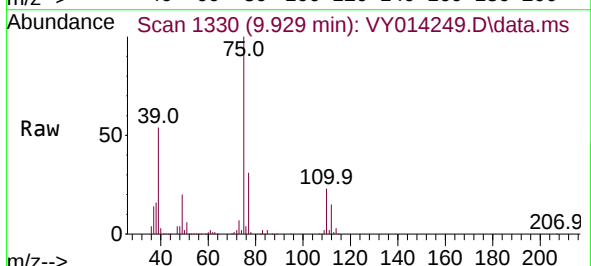
Manual Integrations
APPROVED

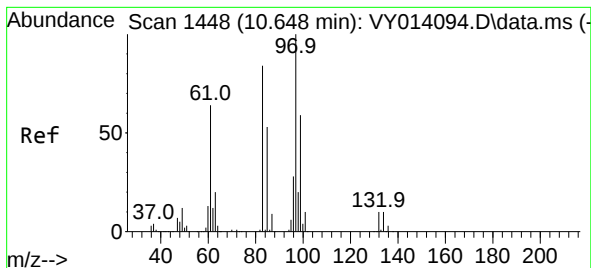
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#54
cis-1,3-Dichloropropene
Concen: 52.018 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion: 75 Resp: 212692
Ion Ratio Lower Upper
75 100
77 31.2 24.2 36.4
39 54.2 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 55.380 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 111679

Ion Ratio Lower Upper

97 100

83 84.6 72.0 108.0

85 54.9 45.4 68.0

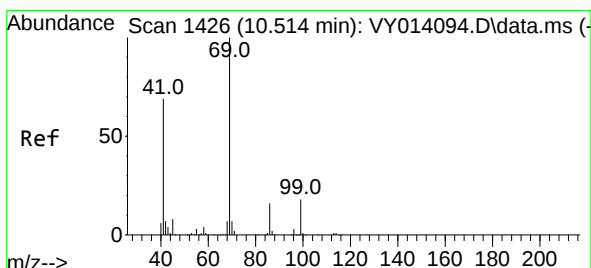
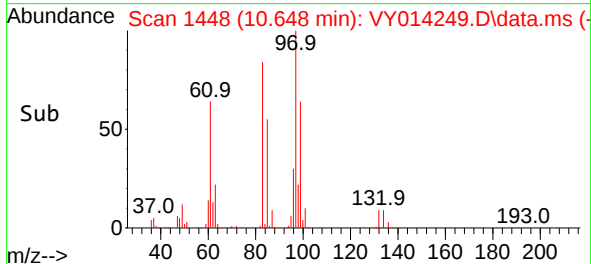
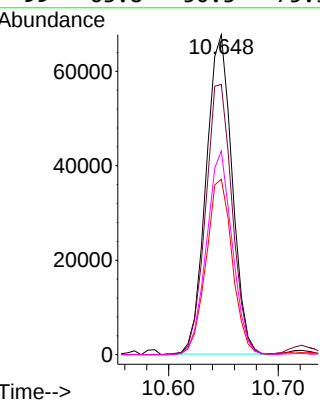
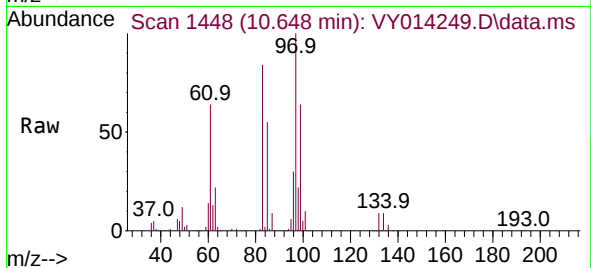
99 63.8 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#56

Ethyl methacrylate

Concen: 55.831 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

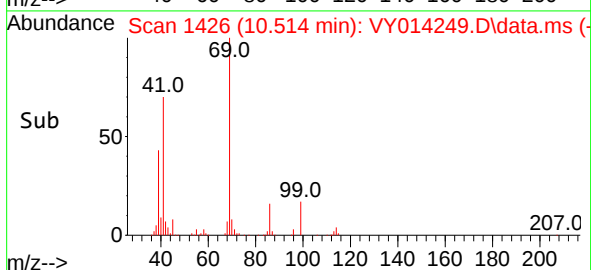
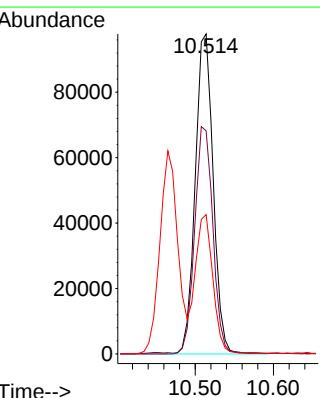
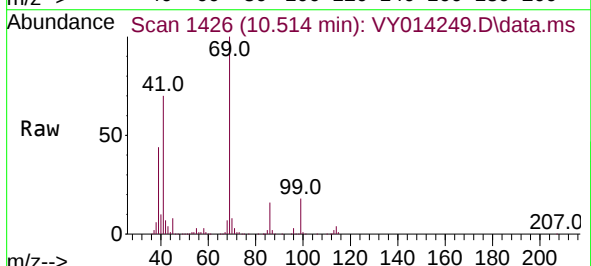
Tgt Ion: 69 Resp: 155296

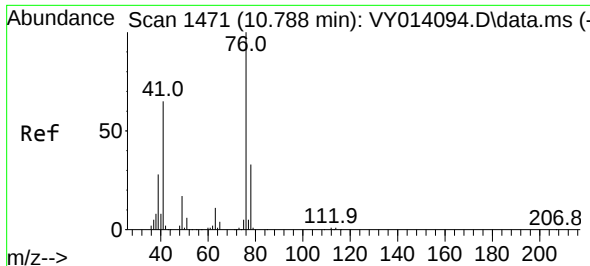
Ion Ratio Lower Upper

69 100

41 71.3 57.6 86.4

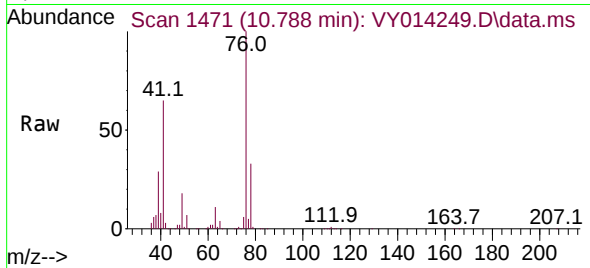
39 42.1 34.1 51.1





#57
1,3-Dichloropropane
Concen: 54.828 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

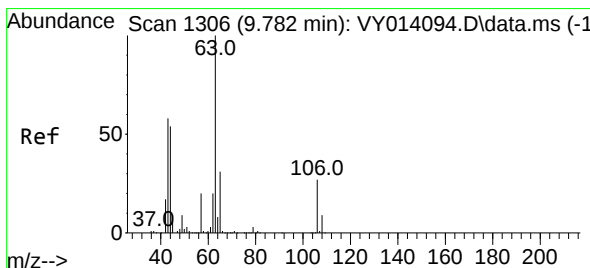
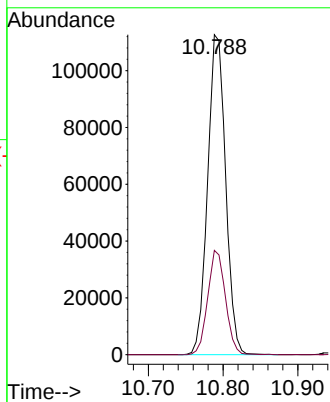
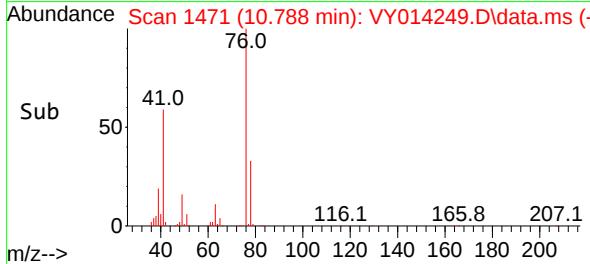
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 18910
Ion Ratio Lower Upper
76 100
78 31.9 25.3 37.9

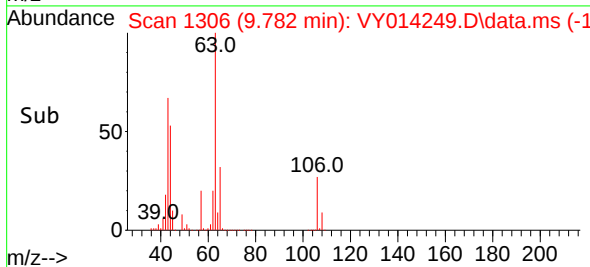
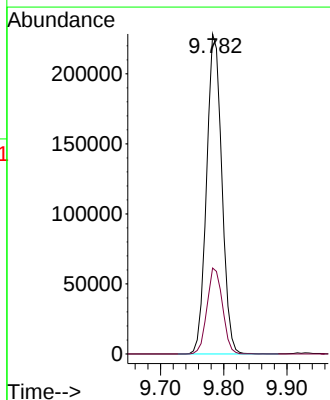
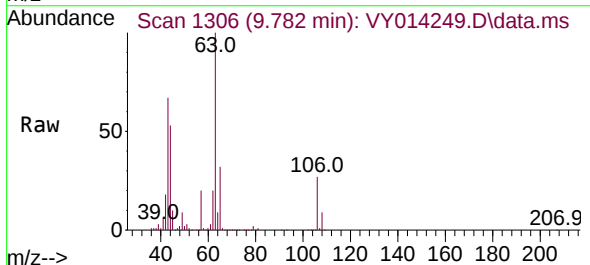
Manual Integrations
APPROVED

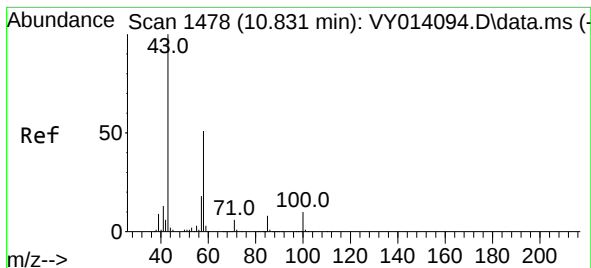
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 301.994 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

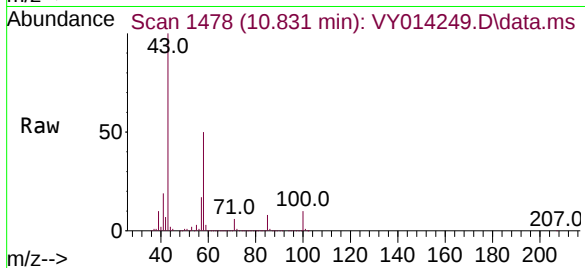
Tgt Ion: 63 Resp: 383704
Ion Ratio Lower Upper
63 100
106 27.2 21.2 31.8





#59
2-Hexanone
Concen: 288.686 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

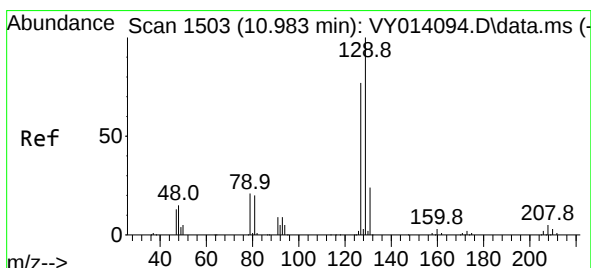
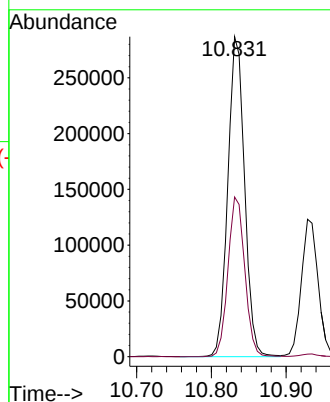
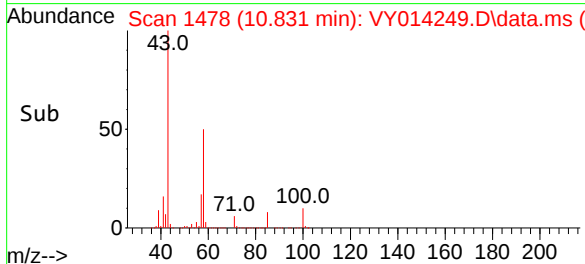
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



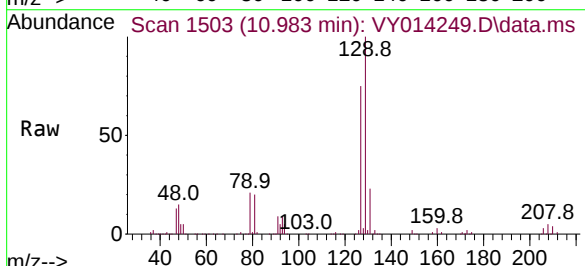
Tgt Ion: 43 Resp: 447983
Ion Ratio Lower Upper
43 100
58 50.1 25.1 75.3

Manual Integrations
APPROVED

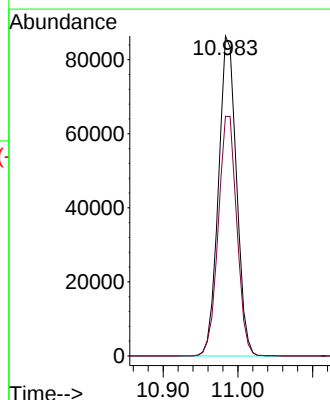
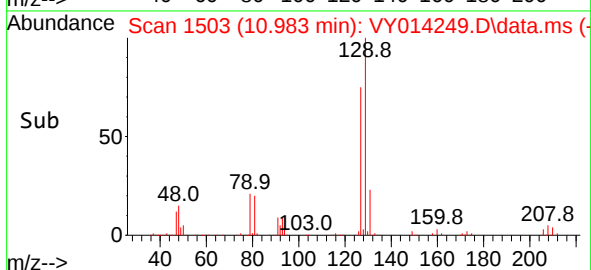
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

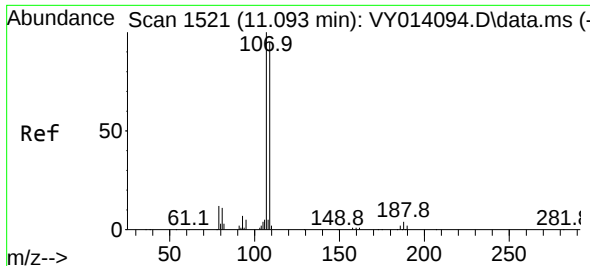


#60
Dibromochloromethane
Concen: 55.927 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



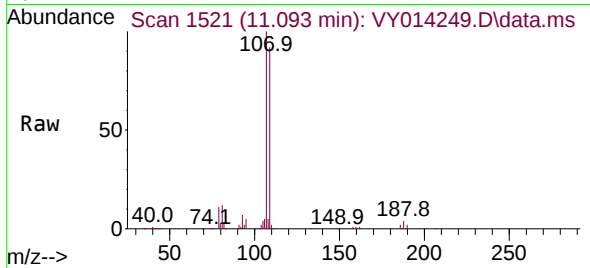
Tgt Ion:129 Resp: 144351
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 54.524 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

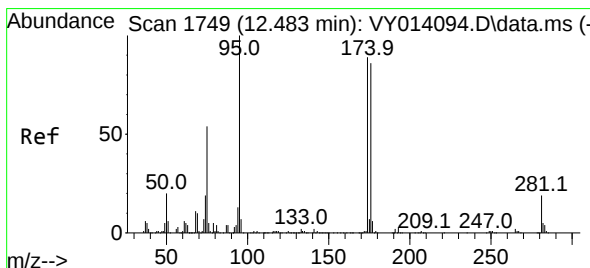
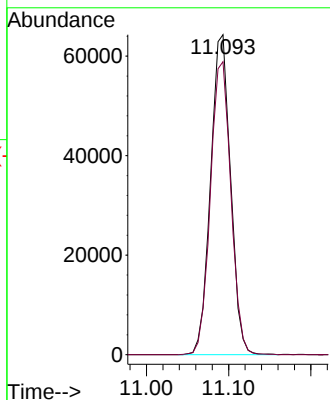
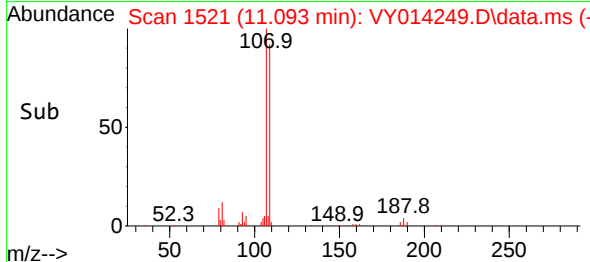
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



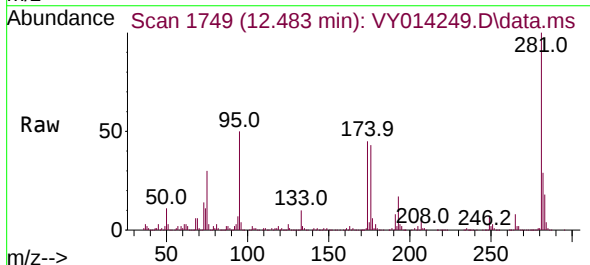
Tgt Ion:107 Resp: 10851
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4

Manual Integrations
APPROVED

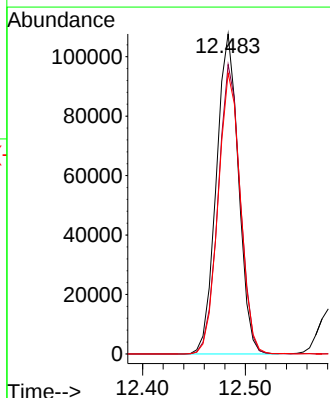
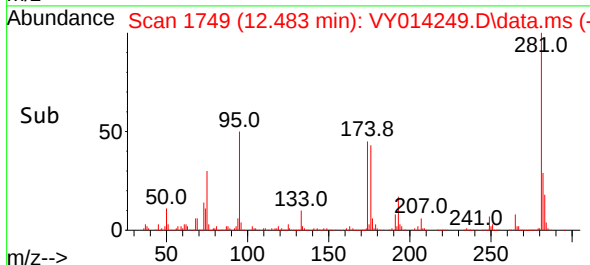
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

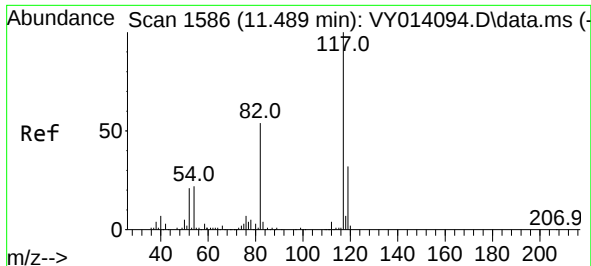


#62
4-Bromofluorobenzene
Concen: 57.781 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



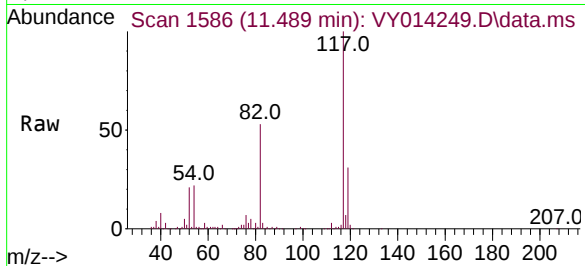
Tgt Ion: 95 Resp: 160961
Ion Ratio Lower Upper
95 100
174 90.0 0.0 178.2
176 88.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

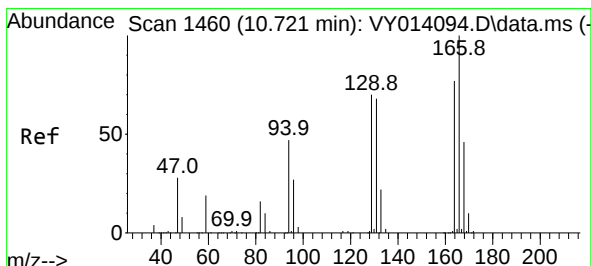
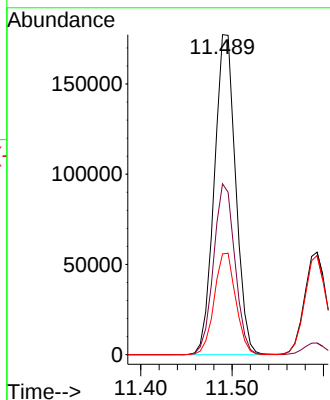
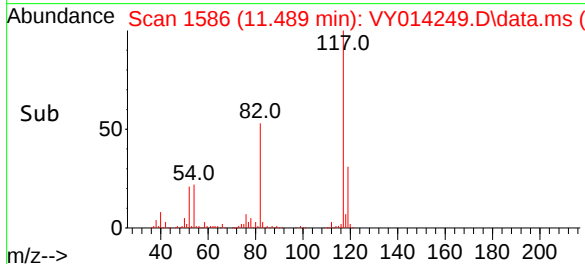
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 28828
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.5 26.3 39.5

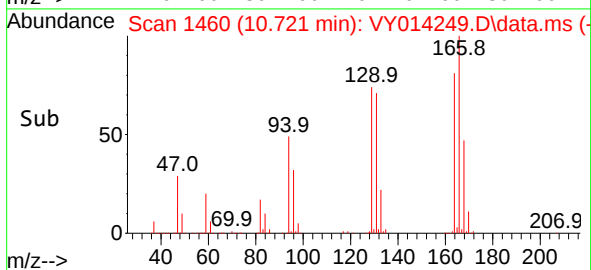
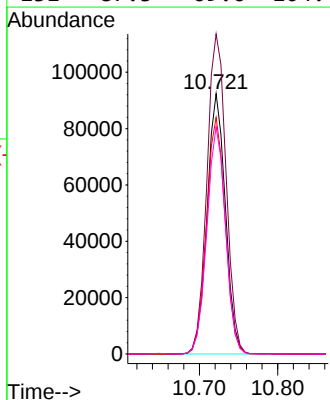
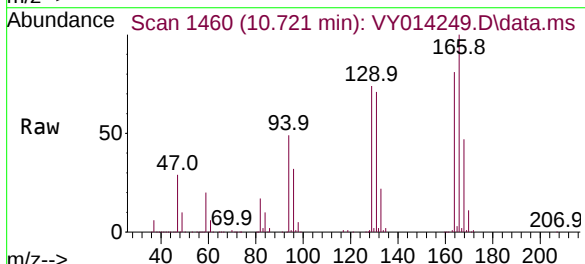
Manual Integrations
APPROVED

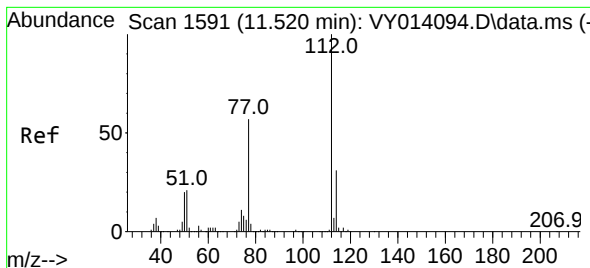
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#64
Tetrachloroethene
Concen: 61.210 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

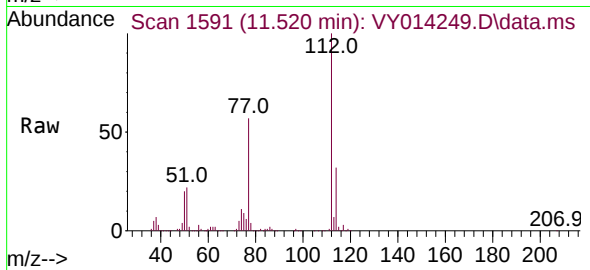
Tgt Ion:164 Resp: 150409
Ion Ratio Lower Upper
164 100
166 122.9 103.0 154.6
129 90.8 77.2 115.8
131 87.3 69.6 104.4





#65
Chlorobenzene
Concen: 51.123 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

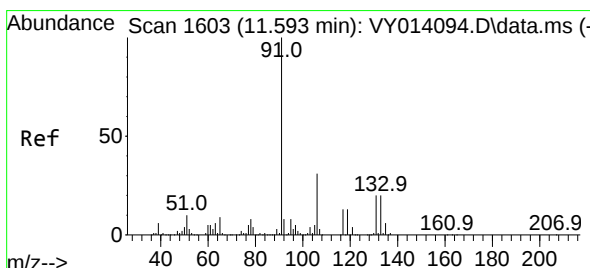
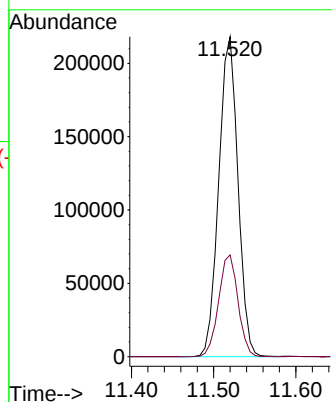
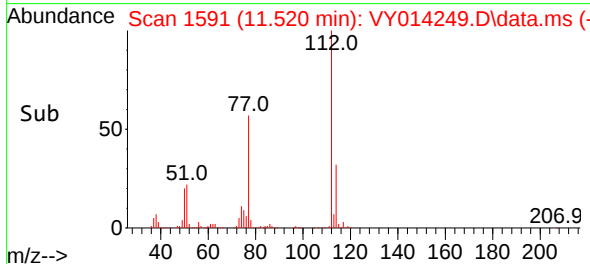
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



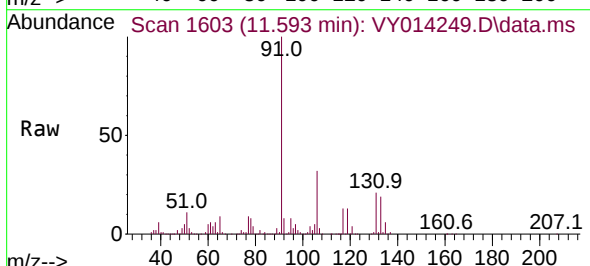
Tgt Ion:112 Resp: 35413
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

Manual Integrations
APPROVED

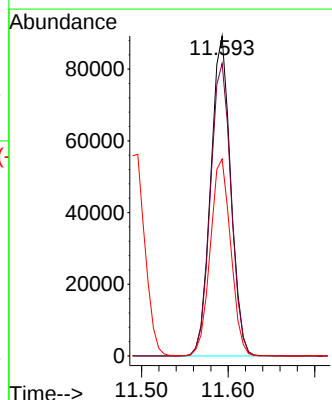
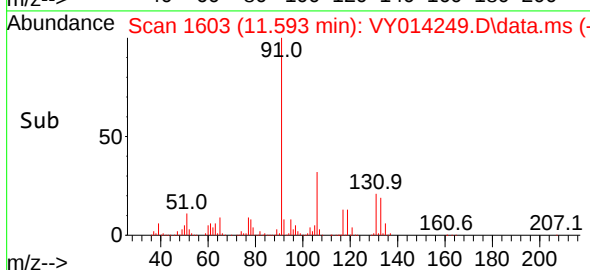
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

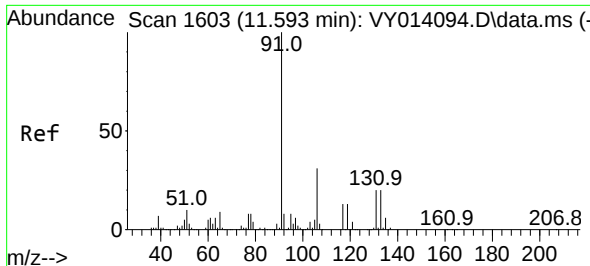


#66
1,1,1,2-Tetrachloroethane
Concen: 52.514 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



Tgt Ion:131 Resp: 143079
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 63.1 31.6 94.7





#67

Ethyl Benzene

Concen: 53.800 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 652330

Ion Ratio Lower Upper

91 100

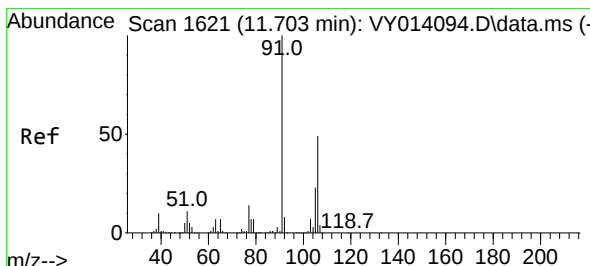
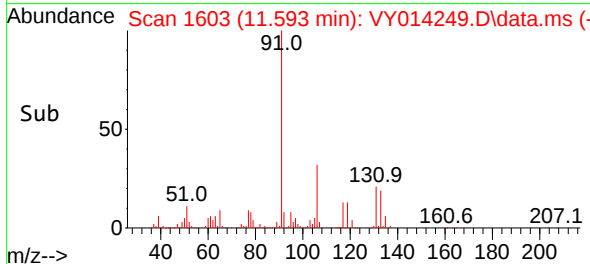
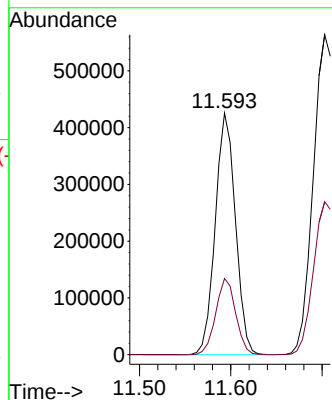
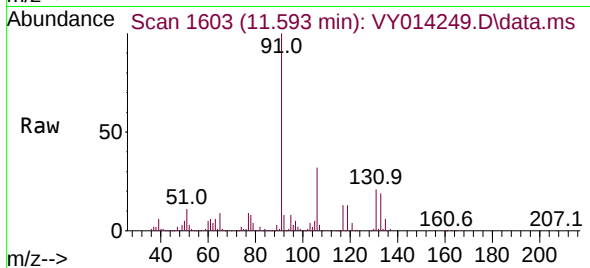
106 31.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#68

m/p-Xylenes

Concen: 107.257 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014249.D

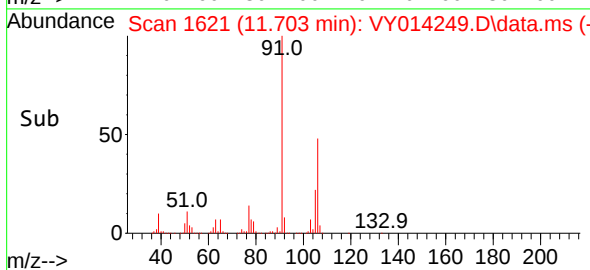
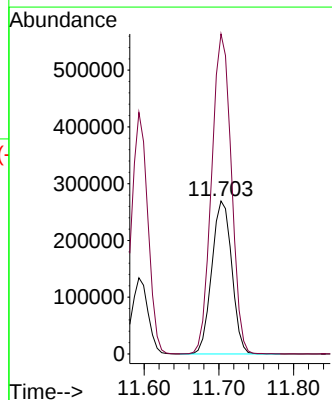
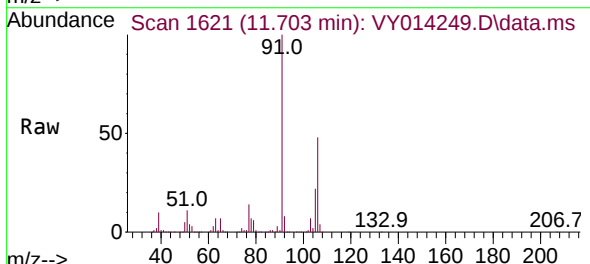
Acq: 19 Jun 2023 23:36

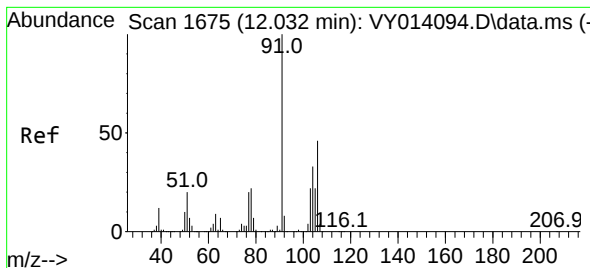
Tgt Ion:106 Resp: 500226

Ion Ratio Lower Upper

106 100

91 207.0 166.1 249.1





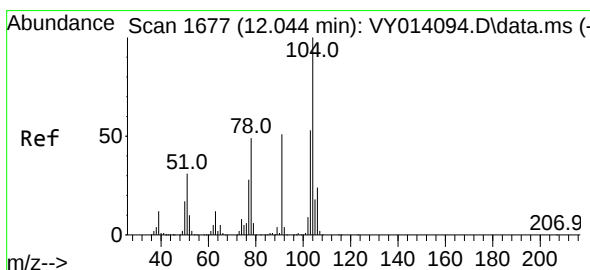
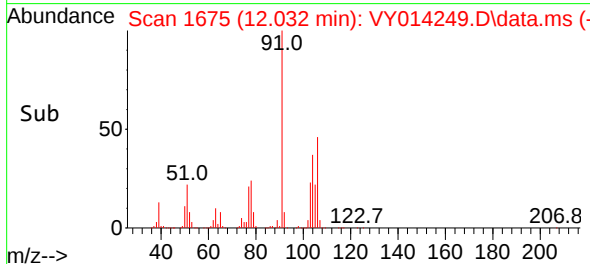
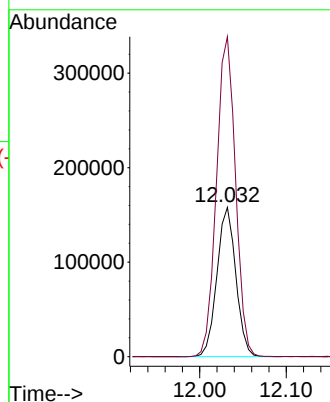
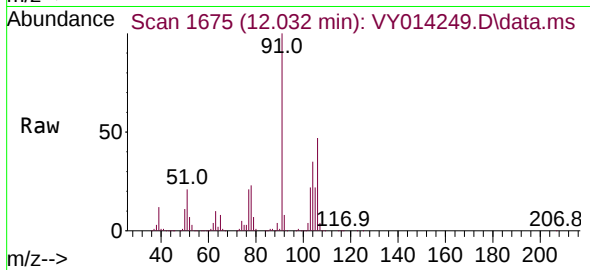
#69
o-Xylene
Concen: 54.358 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 239683
Ion Ratio Lower Upper
106 100
91 216.0 108.1 324.3

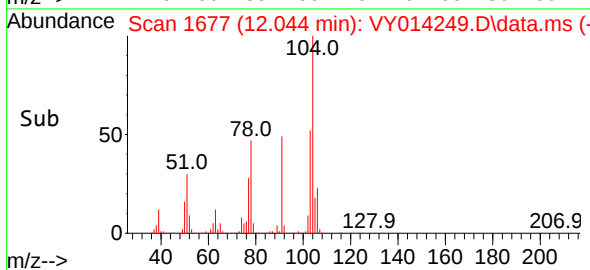
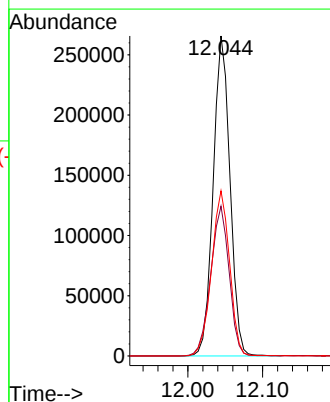
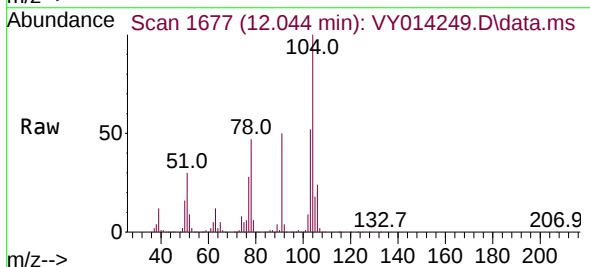
Manual Integrations
APPROVED

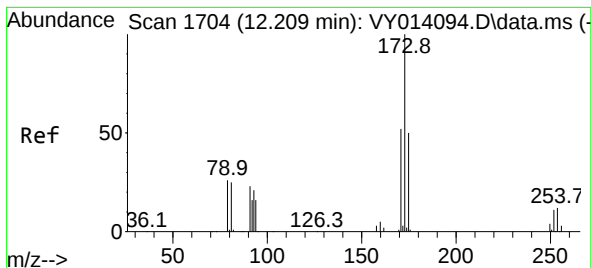
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#70
Styrene
Concen: 55.108 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion:104 Resp: 414723
Ion Ratio Lower Upper
104 100
78 51.4 41.5 62.3
103 55.4 44.6 67.0





#71

Bromoform

Concen: 54.941 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

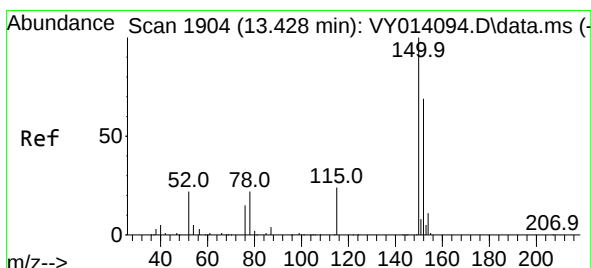
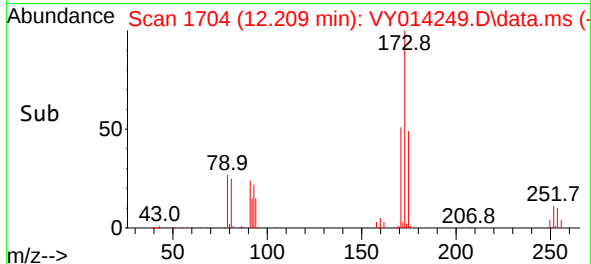
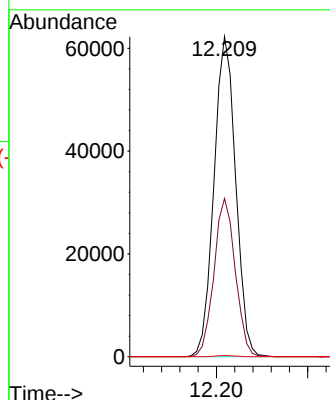
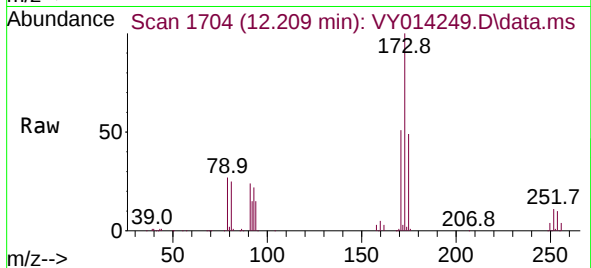
Tgt Ion:	173	Resp:	10251
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.6	73.8
254	0.3	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

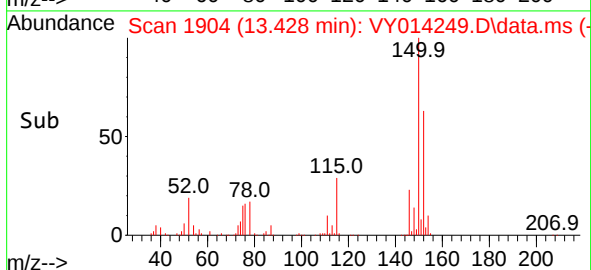
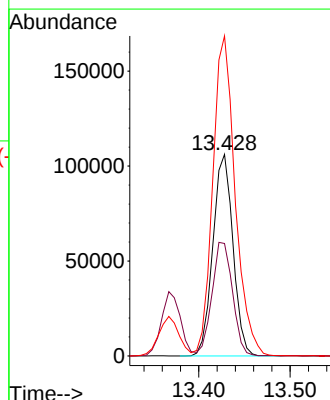
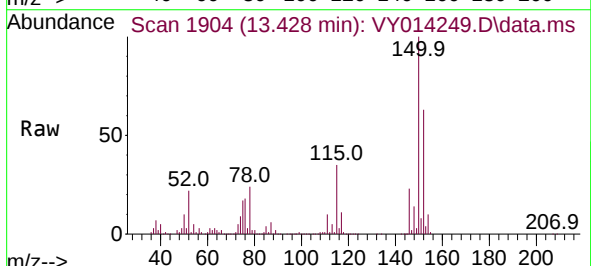
RT: 13.428 min Scan# 1904

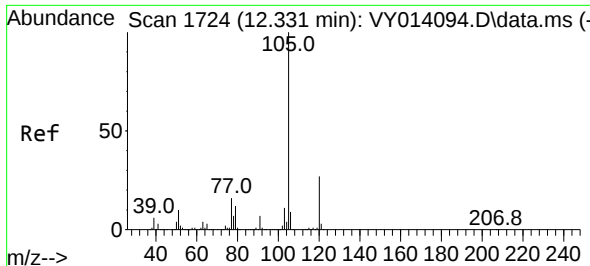
Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

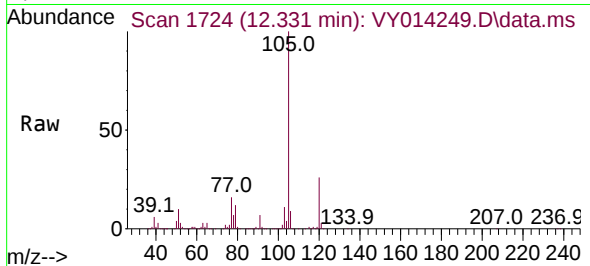
Tgt Ion:	152	Resp:	162047
Ion Ratio	Lower	Upper	
152	100		
115	57.3	28.8	86.5
150	176.4	0.0	348.8





#73
Isopropylbenzene
Concen: 51.319 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

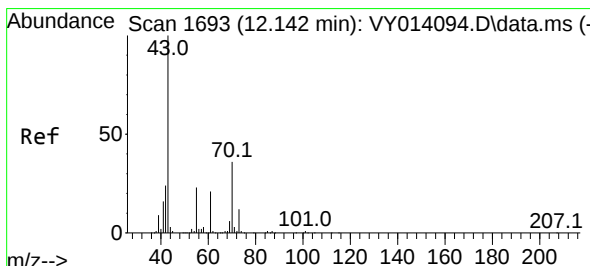
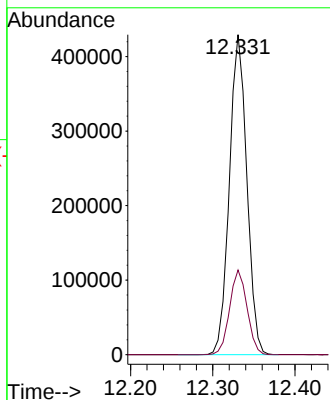
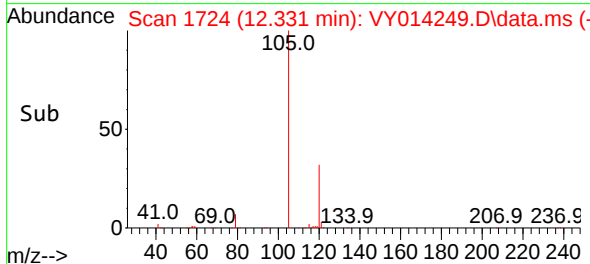
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



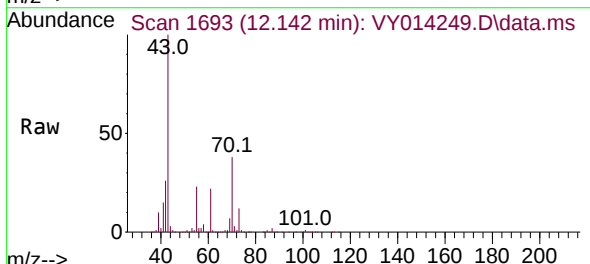
Tgt Ion:105 Resp: 63440
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

Manual Integrations
APPROVED

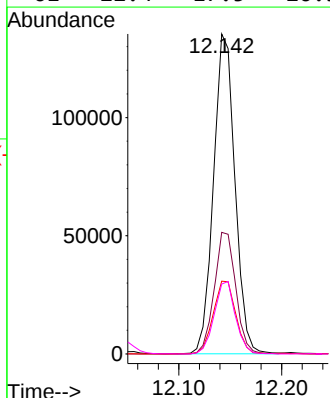
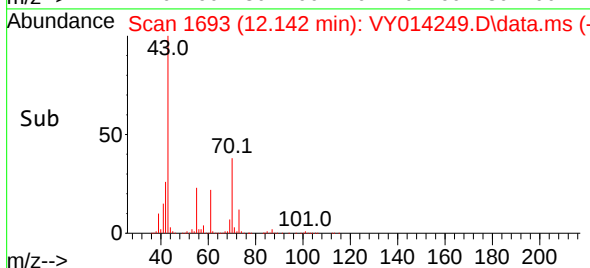
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

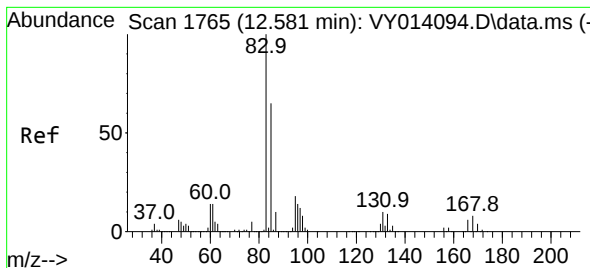


#74
N-ethyl acetate
Concen: 49.851 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



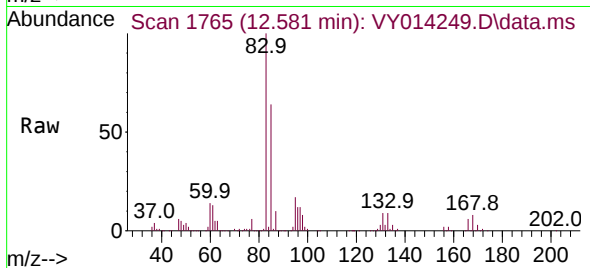
Tgt Ion: 43 Resp: 195287
Ion Ratio Lower Upper
43 100
70 38.3 29.7 44.5
55 23.9 18.3 27.5
61 22.4 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 50.273 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

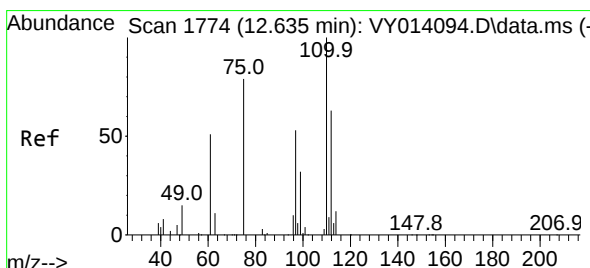
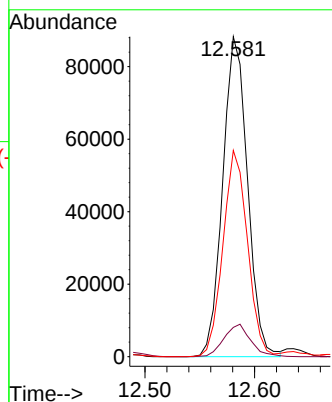
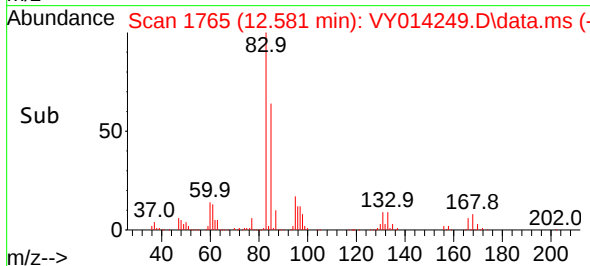
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



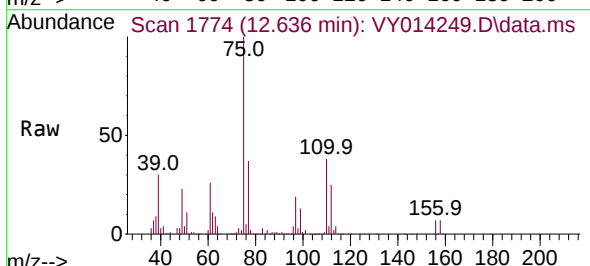
Tgt Ion: 83 Resp: 13886
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 63.7 31.8 95.4

Manual Integrations
APPROVED

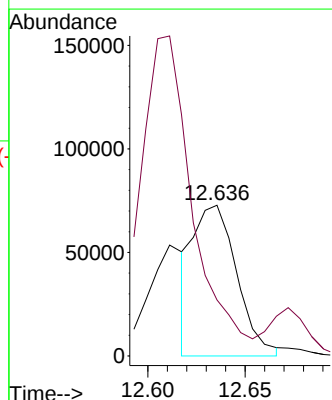
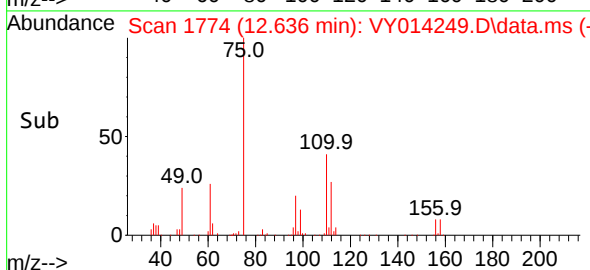
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

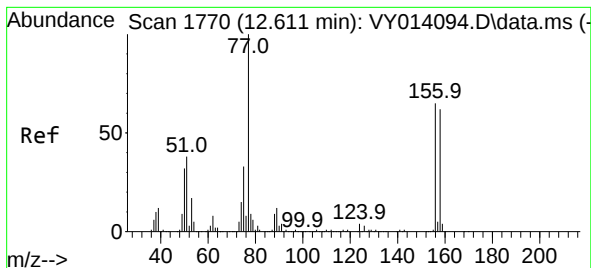


#76
1,2,3-Trichloropropane
Concen: 53.708 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



Tgt Ion: 75 Resp: 114185
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.364 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

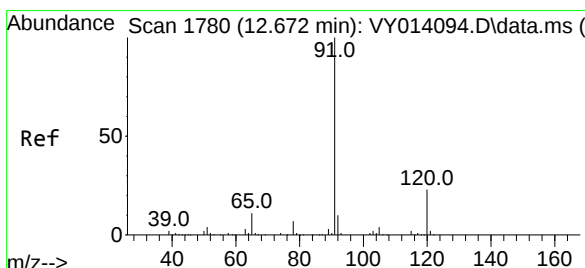
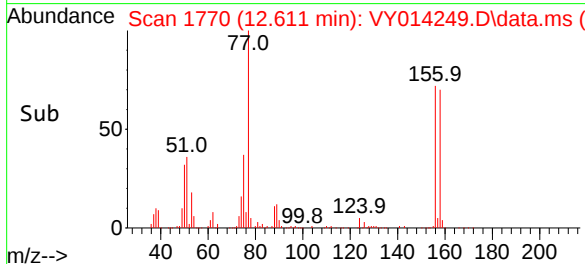
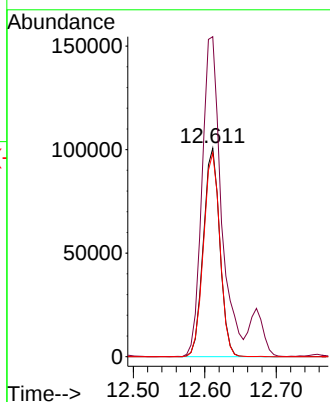
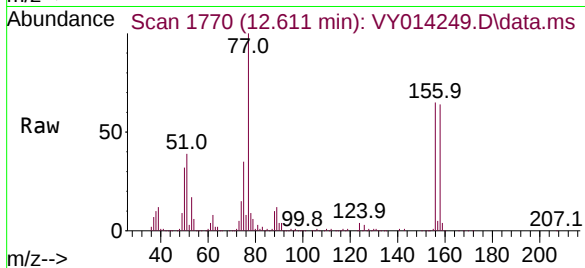
Tgt Ion:	156	Resp:	16038
Ion Ratio	Lower	Upper	
156	100		
77	180.0	92.8	278.6
158	97.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#78

n-propylbenzene

Concen: 52.026 ug/l

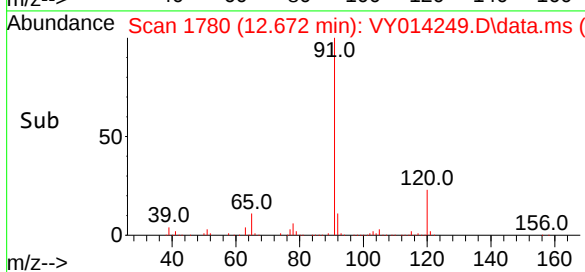
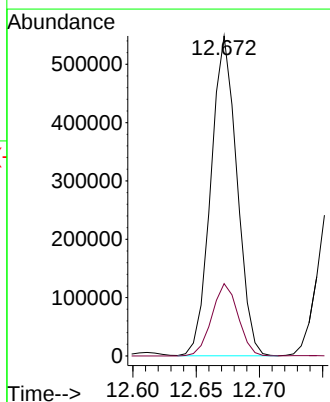
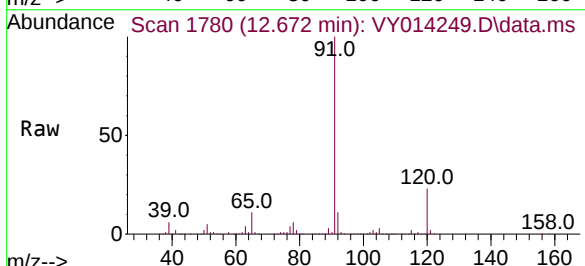
RT: 12.672 min Scan# 1780

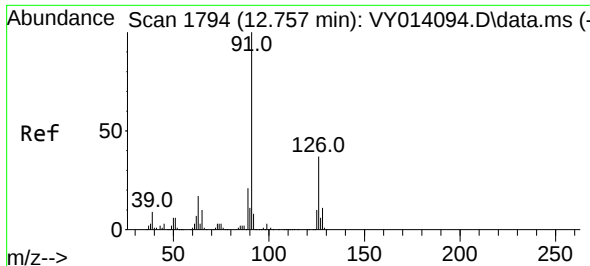
Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

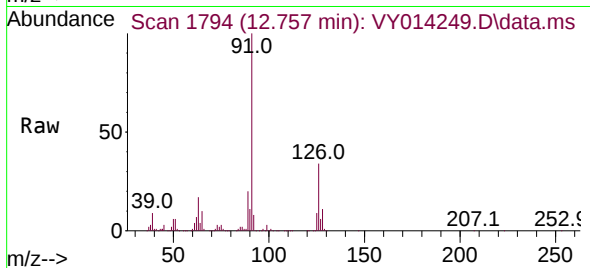
Tgt Ion:	91	Resp:	785552
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.5	34.4





#79
2-Chlorotoluene
Concen: 50.679 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

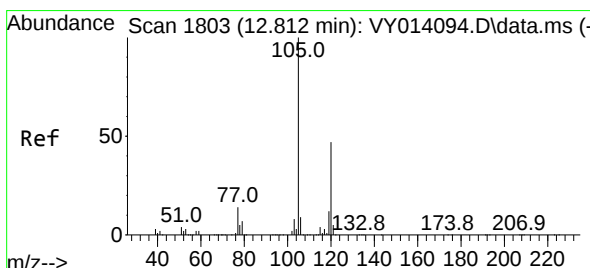
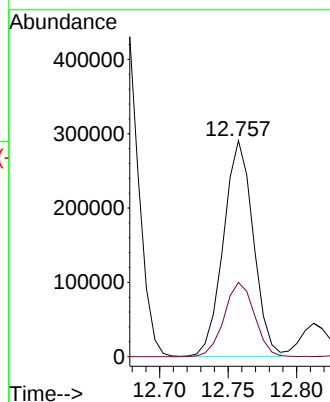
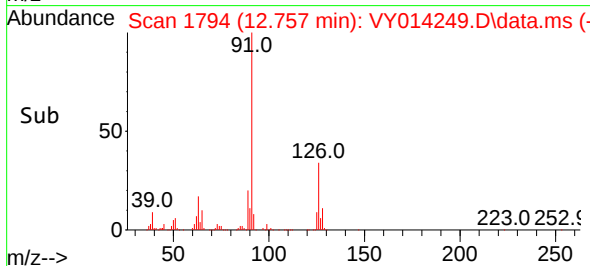
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



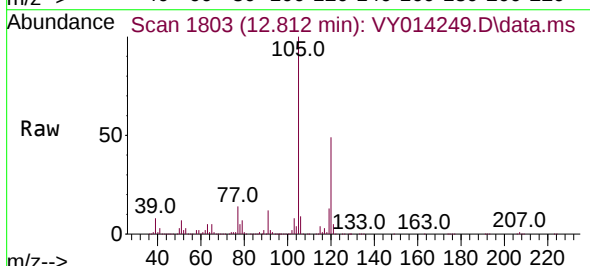
Tgt Ion: 91 Resp: 440298
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7

Manual Integrations
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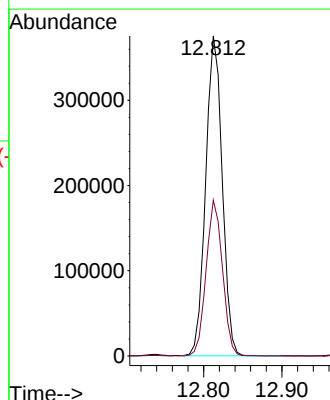
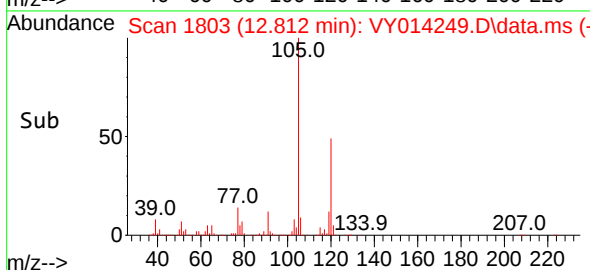
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

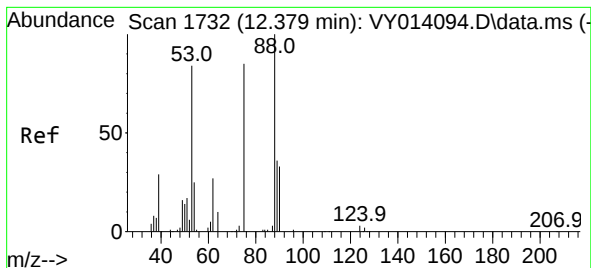


#80
1,3,5-Trimethylbenzene
Concen: 51.855 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



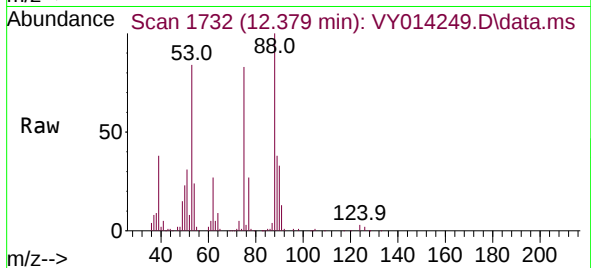
Tgt Ion:105 Resp: 548874
Ion Ratio Lower Upper
105 100
120 48.2 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 46.679 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

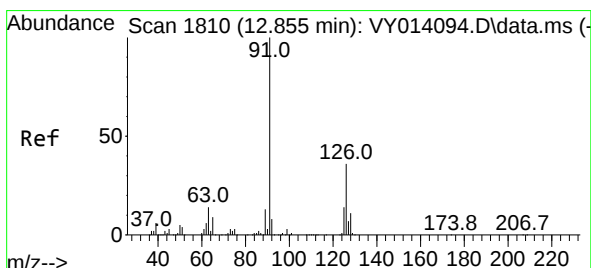
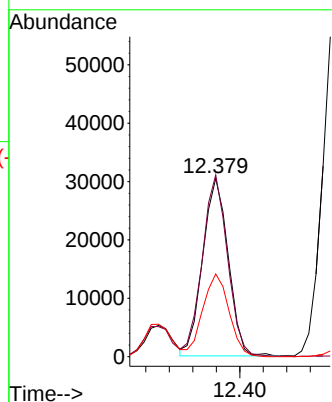
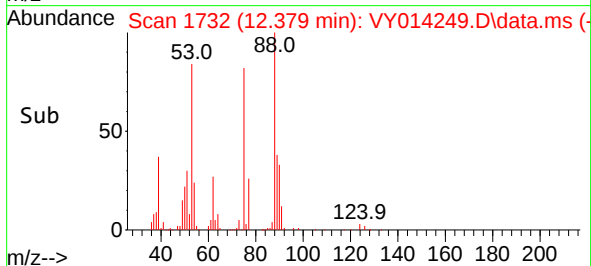
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 45910
Ion Ratio Lower Upper
75 100
53 102.0 77.8 116.8
89 47.4 37.4 56.0

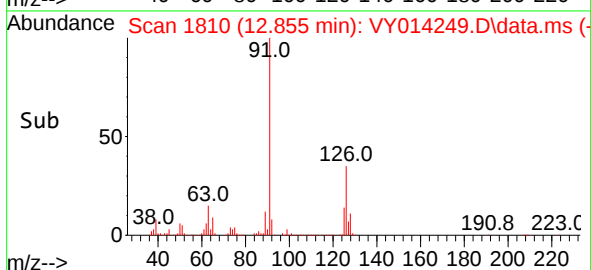
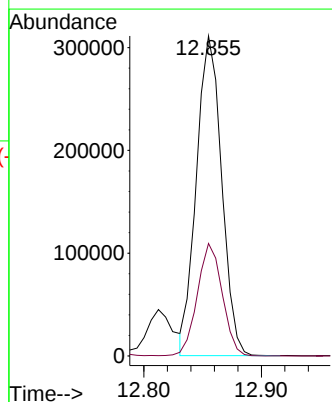
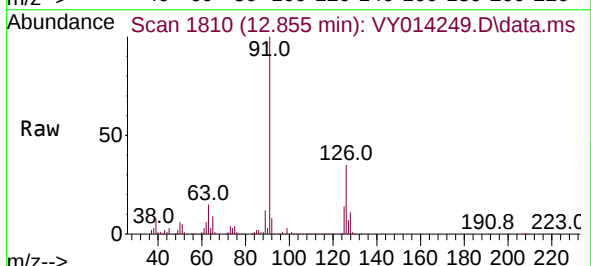
Manual Integrations
APPROVED

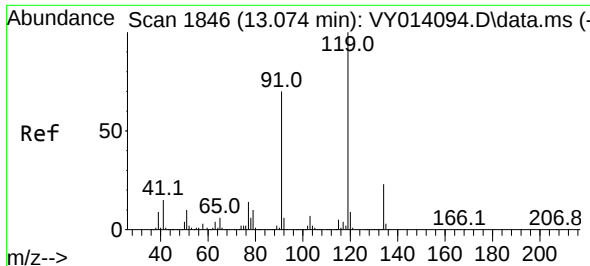
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#82
4-Chlorotoluene
Concen: 50.322 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

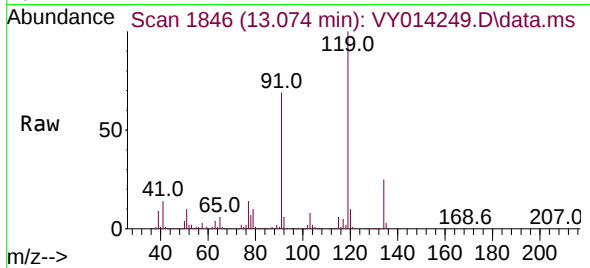
Tgt Ion: 91 Resp: 463302
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.412 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

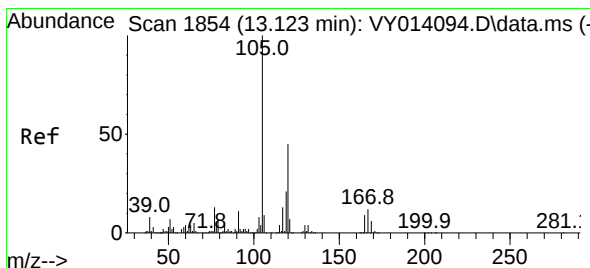
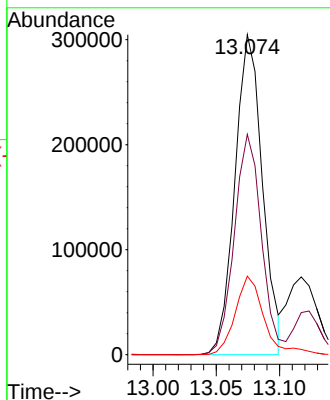
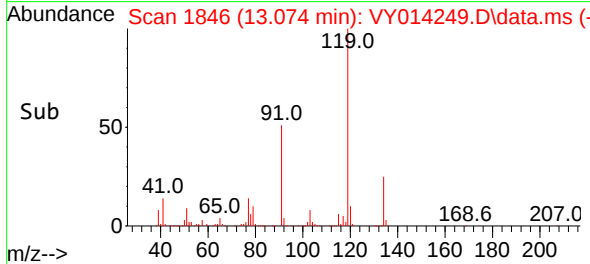
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 46244
Ion Ratio Lower Upper
119 100
91 68.3 32.9 98.6
134 25.7 13.0 38.9

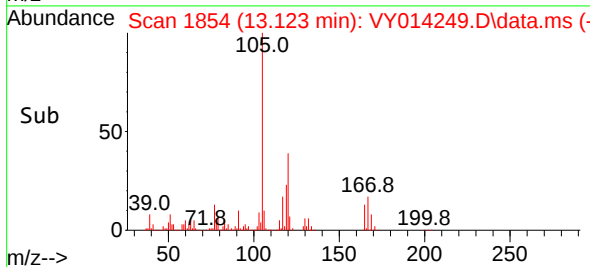
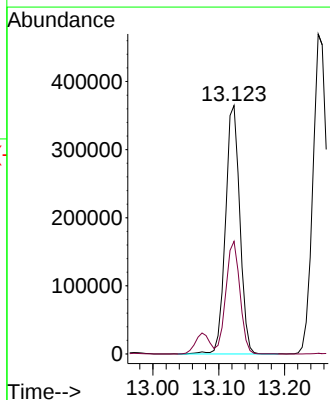
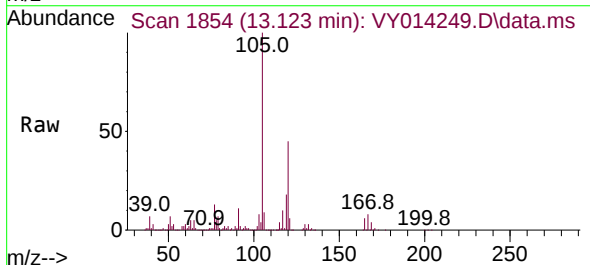
Manual Integrations
APPROVED

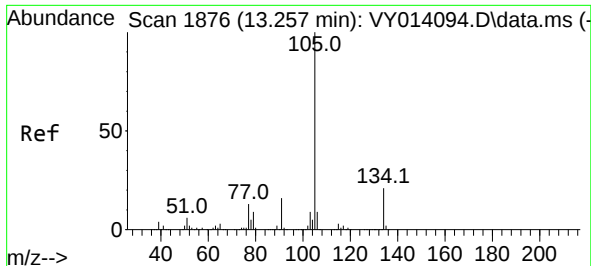
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.772 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

Tgt Ion:105 Resp: 552929
Ion Ratio Lower Upper
105 100
120 44.5 22.2 66.6





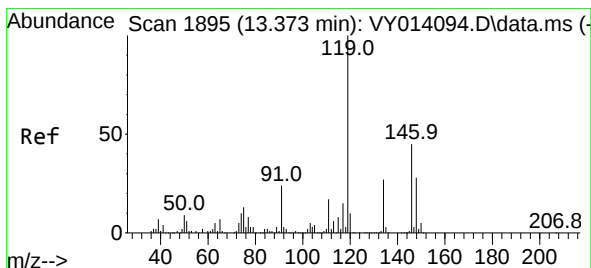
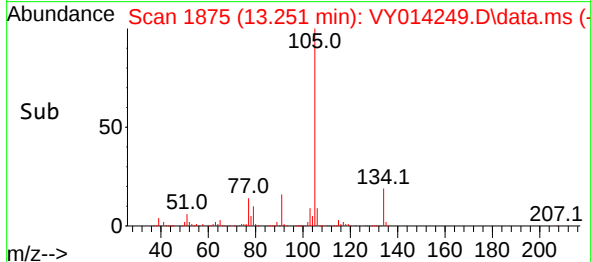
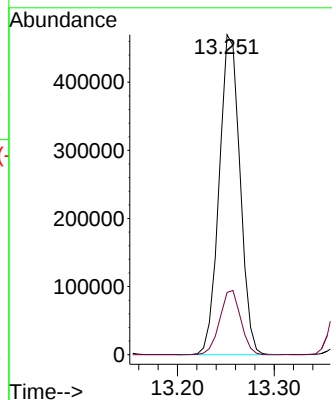
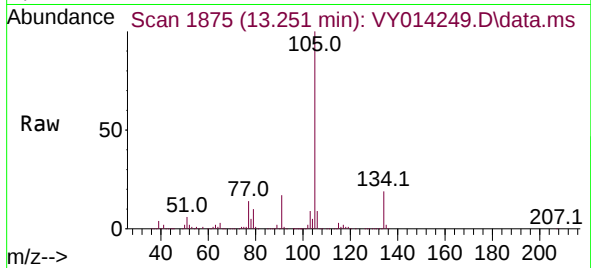
#85
 sec-Butylbenzene
 Concen: 53.659 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014249.D
 Acq: 19 Jun 2023 23:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 701725
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6

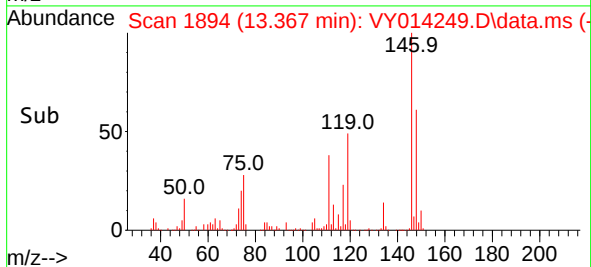
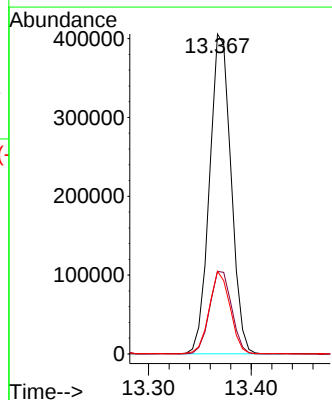
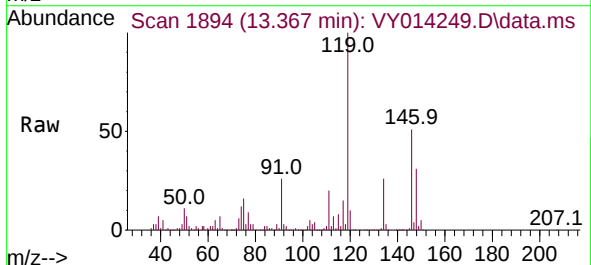
Manual Integrations
 APPROVED

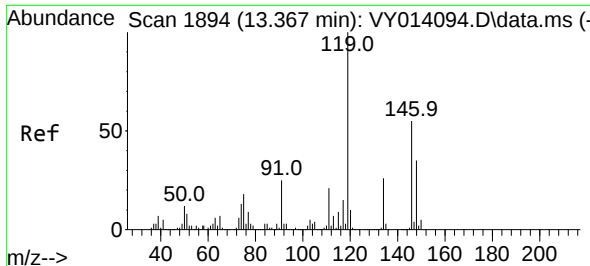
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023



#86
 p-Isopropyltoluene
 Concen: 52.596 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014249.D
 Acq: 19 Jun 2023 23:36

Tgt Ion:119 Resp: 588662
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 24.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.504 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 31330

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

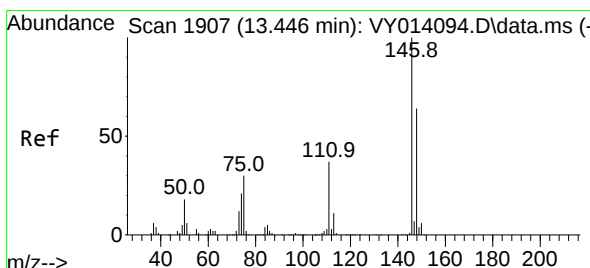
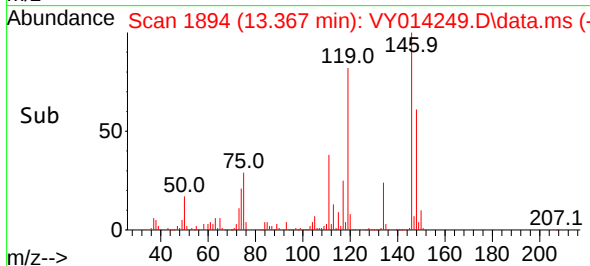
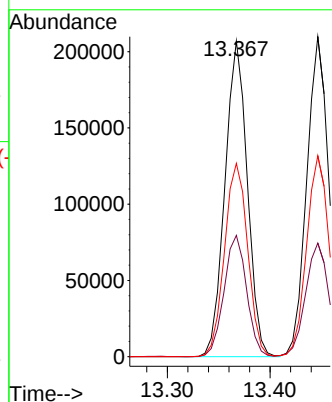
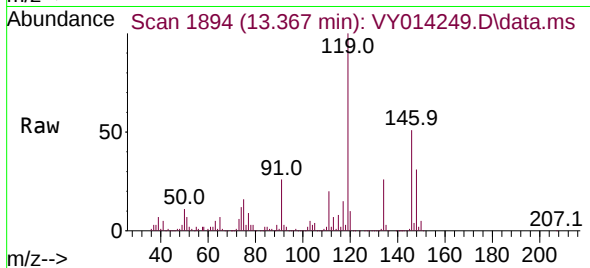
148 63.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#88

1,4-Dichlorobenzene

Concen: 50.223 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014249.D

Acq: 19 Jun 2023 23:36

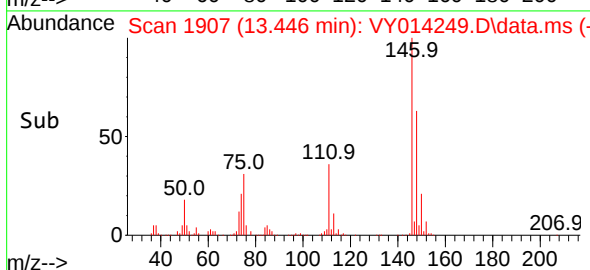
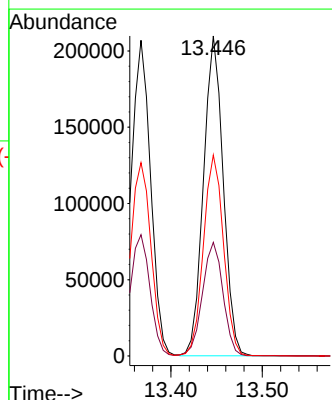
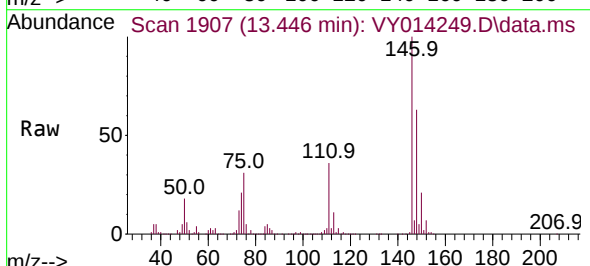
Tgt Ion:146 Resp: 313905

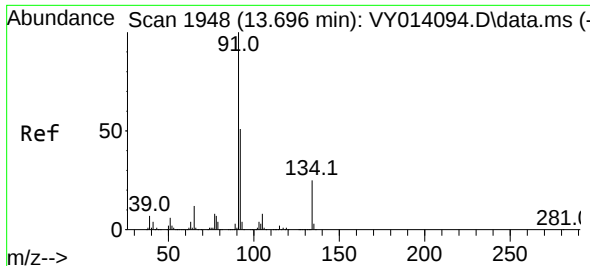
Ion Ratio Lower Upper

146 100

111 36.9 18.9 56.7

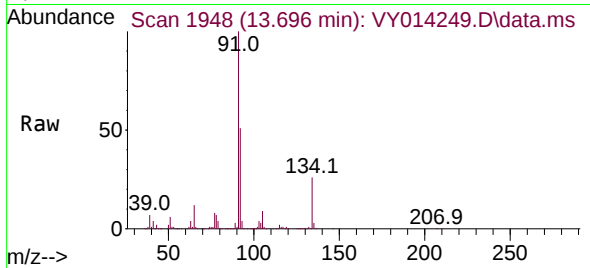
148 64.3 32.1 96.5





#89
n-Butylbenzene
Concen: 53.866 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

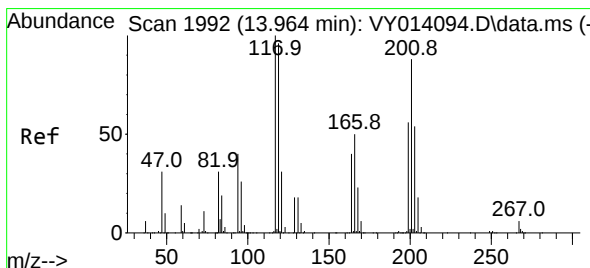
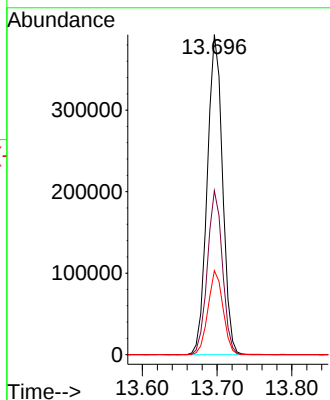
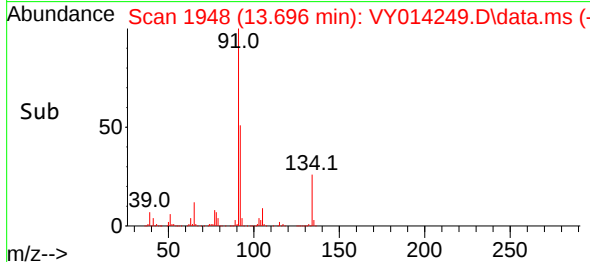
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 559172
Ion Ratio Lower Upper
91 100
92 50.4 25.4 76.0
134 25.9 12.6 37.6

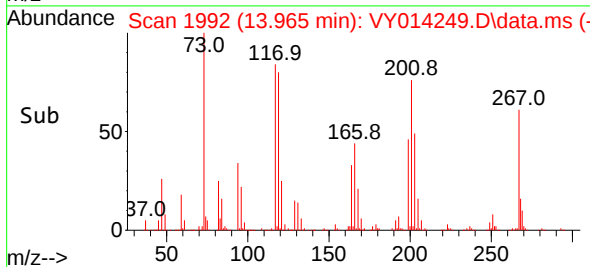
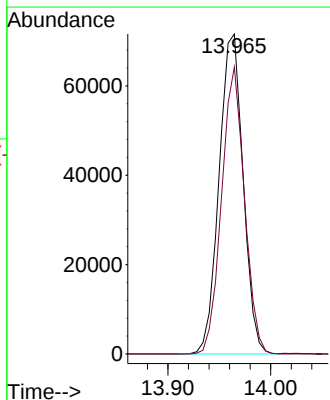
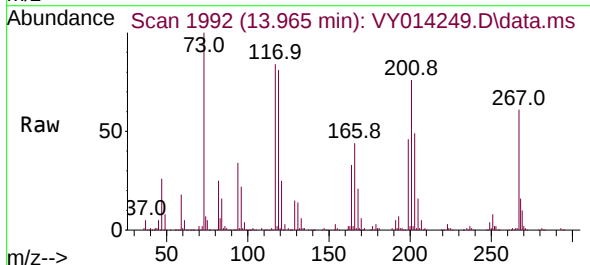
Manual Integrations
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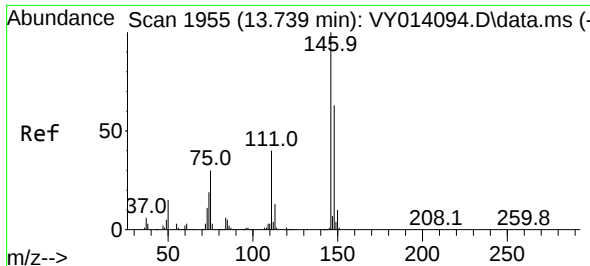
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#90
Hexachloroethane
Concen: 52.097 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.001 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

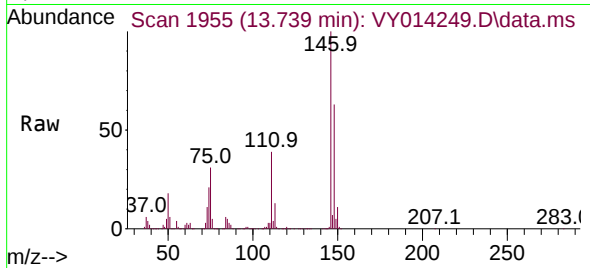
Tgt Ion:117 Resp: 116188
Ion Ratio Lower Upper
117 100
201 85.2 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 51.435 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

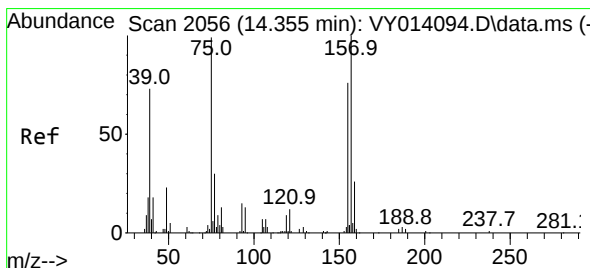
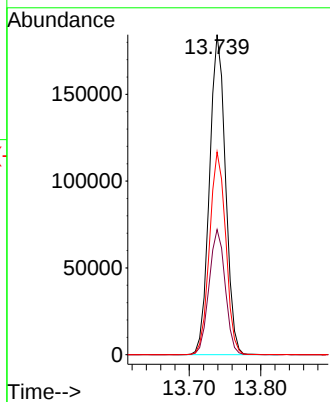
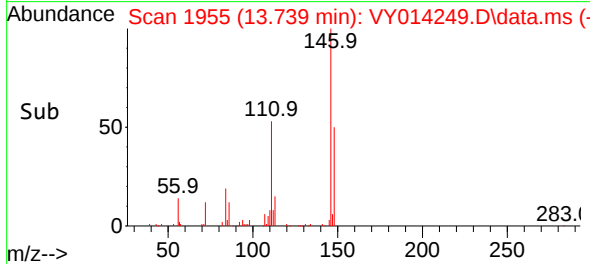
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 286574
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.0
148 64.1 32.0 96.2

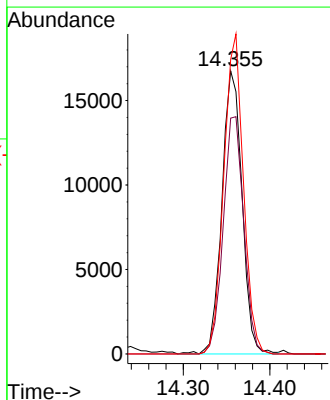
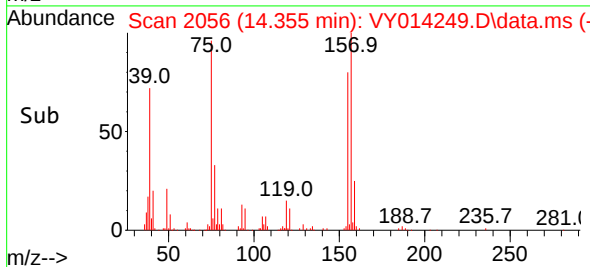
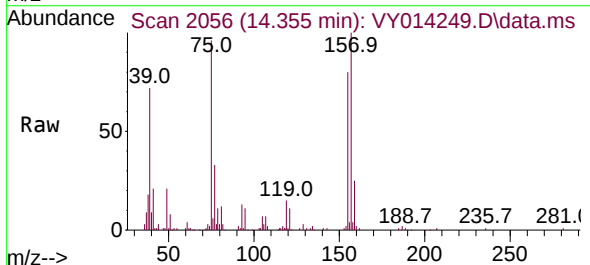
Manual Integrations
APPROVED

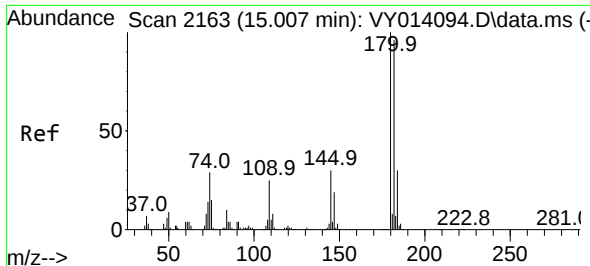
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.411 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

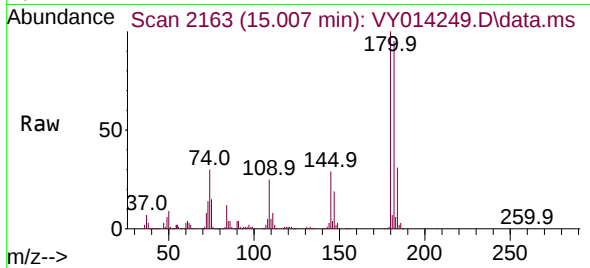
Tgt Ion: 75 Resp: 27043
Ion Ratio Lower Upper
75 100
155 85.3 41.5 124.6
157 110.2 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 50.352 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

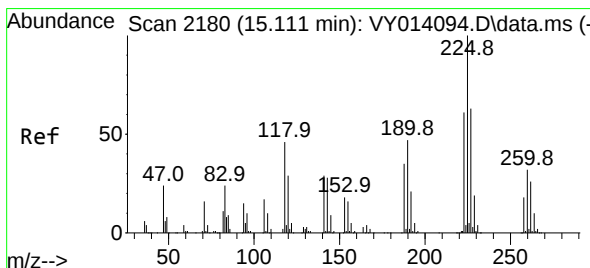
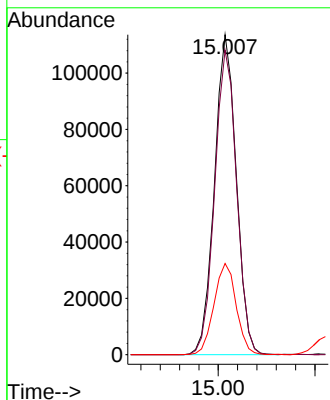
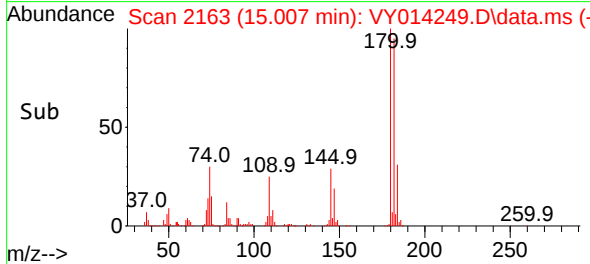
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



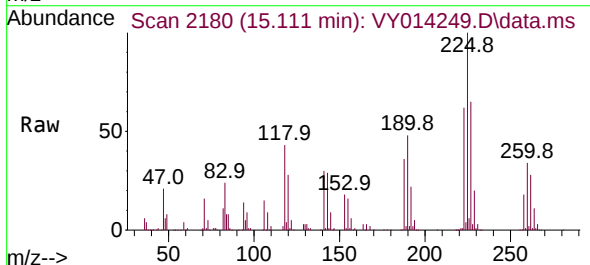
Tgt Ion:180 Resp: 17771
Ion Ratio Lower Upper
180 100
182 95.7 47.0 141.2
145 29.1 14.5 43.5

Manual Integrations
APPROVED

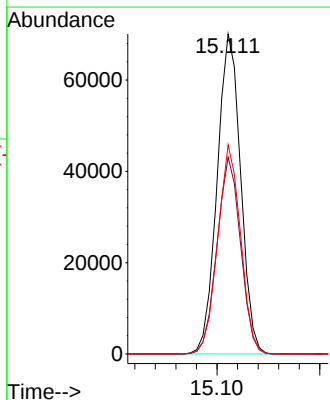
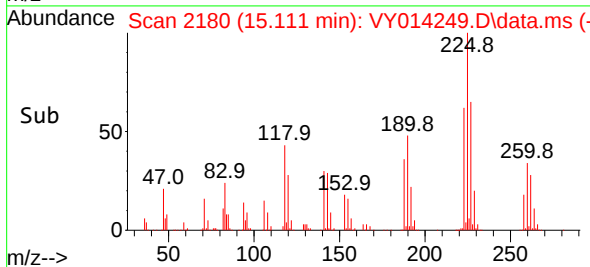
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

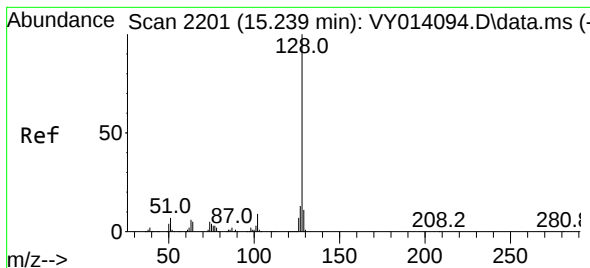


#94
Hexachlorobutadiene
Concen: 54.517 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



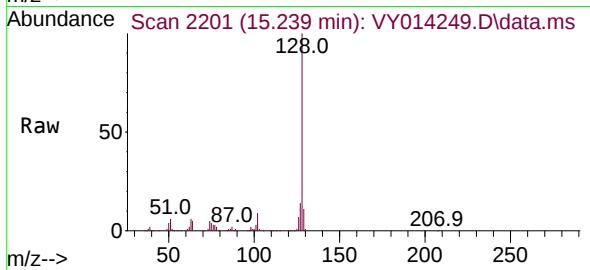
Tgt Ion:225 Resp: 111088
Ion Ratio Lower Upper
225 100
223 61.5 31.9 95.9
227 63.8 33.0 98.9





#95
Naphthalene
Concen: 52.259 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36

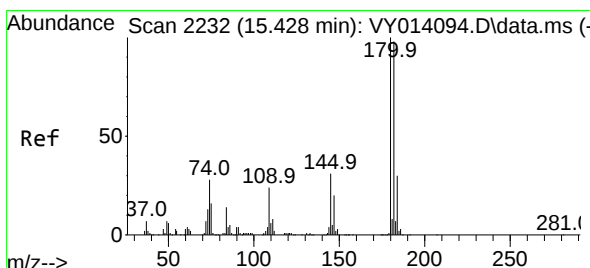
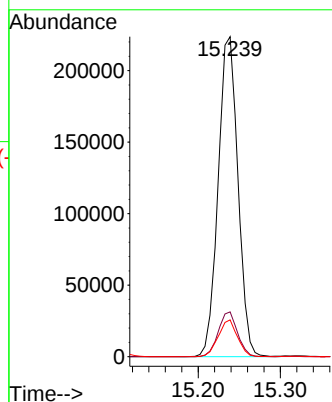
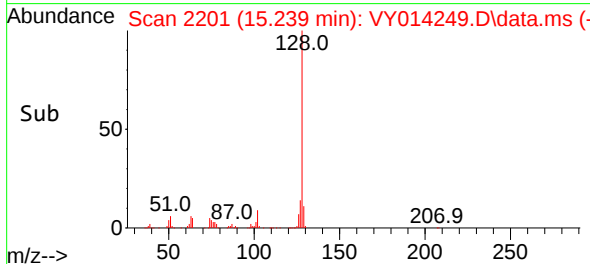
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



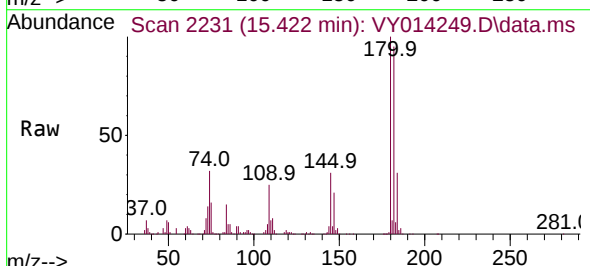
Tgt Ion:128 Resp: 37438
Ion Ratio Lower Upper
128 100
127 13.6 10.8 16.2
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.769 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014249.D
Acq: 19 Jun 2023 23:36



Tgt Ion:180 Resp: 165108
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.8
145 30.5 15.4 46.2

