

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020222\
 Data File : VY007352.D
 Acq On : 02 Feb 2022 13:09
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/07/2022

Quant Time: Feb 03 04:18:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:14:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	140510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	210485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	248439	153.717	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 307.440%#			
35) Dibromofluoromethane	7.722	113	230866	152.522	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 305.040%#			
50) Toluene-d8	10.179	98	863459	154.403	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 308.800%#			
62) 4-Bromofluorobenzene	12.483	95	283131	148.958	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 297.920%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	224457	136.441	ug/l	99
3) Chloromethane	2.113	50	255282	148.422	ug/l	98
4) Vinyl Chloride	2.253	62	267762	138.027	ug/l	99
5) Bromomethane	2.637	94	159411	135.665	ug/l	97
6) Chloroethane	2.790	64	165929	139.274	ug/l	99
7) Trichlorofluoromethane	3.125	101	447140	142.236	ug/l	94
8) Diethyl Ether	3.534	74	136214	145.975	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	251249	141.911	ug/l	92
10) Methyl Iodide	4.095	142	298177	156.227	ug/l	96
11) Tert butyl alcohol	4.960	59	123075	761.577	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	230211	140.766	ug/l	90
13) Acrolein	3.729	56	168991	778.346	ug/l	98
14) Allyl chloride	4.485	41	362032	144.127	ug/l #	95
15) Acrylonitrile	5.168	53	324068	739.197	ug/l	99
16) Acetone	3.948	43	424254	808.253	ug/l	94
17) Carbon Disulfide	4.198	76	728333	141.859	ug/l	99
18) Methyl Acetate	4.479	43	144307	146.781	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	681625	147.937	ug/l	96
20) Methylene Chloride	4.722	84	243837	147.824	ug/l #	85
21) trans-1,2-Dichloroethene	5.222	96	256000	141.497	ug/l	91
22) Diisopropyl ether	6.125	45	741534	140.889	ug/l #	94
23) Vinyl Acetate	6.064	43	2514639	732.584	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	449287	141.340	ug/l	99
25) 2-Butanone	6.990	43	504507	795.520	ug/l #	87
26) 2,2-Dichloropropane	6.984	77	428202	140.781	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	285936	143.082	ug/l	91
28) Bromochloromethane	7.338	49	188009	151.264	ug/l #	87
29) Tetrahydrofuran	7.350	42	271964	742.127	ug/l #	87
30) Chloroform	7.509	83	469169	141.883	ug/l	99
31) Cyclohexane	7.789	56	428687	135.933	ug/l	93
32) 1,1,1-Trichloroethane	7.704	97	440430	143.308	ug/l	96
36) 1,1-Dichloropropene	7.923	75	375103	141.749	ug/l	99
37) Ethyl Acetate	7.076	43	189745	144.228	ug/l	96
38) Carbon Tetrachloride	7.905	117	400206	143.951	ug/l	98
39) Methylcyclohexane	9.185	83	481626	144.926	ug/l	91
40) Benzene	8.161	78	1009430	143.910	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	88703m	105.953	ug/l	
42) 1,2-Dichloroethane	8.240	62	312408	146.516	ug/l	95
43) Isopropyl Acetate	8.277	43	378364	153.786	ug/l #	93
44) Trichloroethene	8.941	130	273793	144.364	ug/l	93
45) 1,2-Dichloropropane	9.216	63	247276	142.968	ug/l	97
46) Dibromomethane	9.307	93	150166	145.931	ug/l	92
47) Bromodichloromethane	9.496	83	364757	146.585	ug/l	97
48) Methyl methacrylate	9.295	41	172547	155.076	ug/l #	89
49) 1,4-Dioxane	9.301	88	37749	3348.978	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	956750	766.751	ug/l	92
52) Toluene	10.246	92	634145	143.490	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	387674	149.130	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	430186	147.744	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	197249	145.951	ug/l	98
56) Ethyl methacrylate	10.508	69	291140	155.099	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	347108	144.859	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	763997	782.427	ug/l	97
59) 2-Hexanone	10.831	43	728919	801.277	ug/l	90
60) Dibromochloromethane	10.984	129	249543	148.316	ug/l	100
61) 1,2-Dibromoethane	11.087	107	196622	147.054	ug/l	99
64) Tetrachloroethene	10.721	164	224935	136.172	ug/l	95
65) Chlorobenzene	11.514	112	660777	141.120	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	250233	143.158	ug/l	98
67) Ethyl Benzene	11.593	91	1262708	142.111	ug/l	100
68) m/p-Xylenes	11.703	106	944244	286.926	ug/l	99
69) o-Xylene	12.026	106	444636	142.904	ug/l	98
70) Styrene	12.044	104	746117	145.468	ug/l	99
71) Bromoform	12.209	173	141629	146.857	ug/l #	99
73) Isopropylbenzene	12.331	105	1175726	142.008	ug/l	98
74) N-amyl acetate	12.142	43	318611	155.469	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	220989	146.161	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	166041m	152.144	ug/l	
77) Bromobenzene	12.611	156	252523	144.796	ug/l	97
78) n-propylbenzene	12.672	91	1431115	142.709	ug/l	99
79) 2-Chlorotoluene	12.758	91	789990	142.282	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	961632	142.377	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	81959	152.465	ug/l	89
82) 4-Chlorotoluene	12.855	91	810589	142.143	ug/l	98
83) tert-Butylbenzene	13.075	119	824779	140.274	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	954329	143.506	ug/l	99
85) sec-Butylbenzene	13.251	105	1242639	140.901	ug/l	98
86) p-Isopropyltoluene	13.367	119	1022351	142.303	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	484354	143.243	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	477257	141.593	ug/l	98
89) n-Butylbenzene	13.696	91	986704	142.695	ug/l	99
90) Hexachloroethane	13.959	117	201155	148.156	ug/l	78
91) 1,2-Dichlorobenzene	13.739	146	424955	142.780	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	39113	159.187	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	267447	151.737	ug/l	98
94) Hexachlorobutadiene	15.111	225	140913	144.419	ug/l	98
95) Naphthalene	15.233	128	595993	162.713	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	230583	154.980	ug/l	98

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ClientSampleId :
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Manual Integrations
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Supervised By : Mahesh Dadoda 02/07/2022

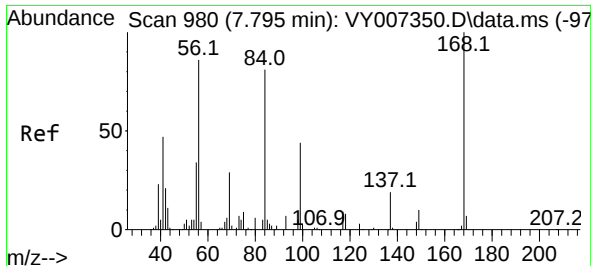
Quant Time: Feb 03 04:18:27 2022
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Quant Title : SW846 8260
QLast Update : Thu Feb 03 04:14:02 2022
Response via : Initial Calibration

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

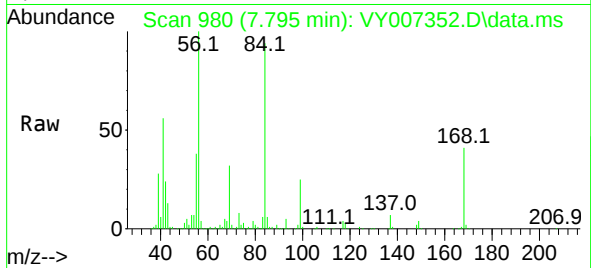
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

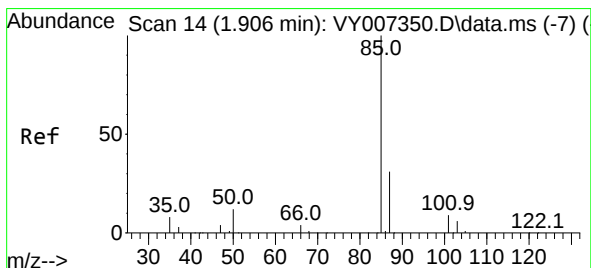
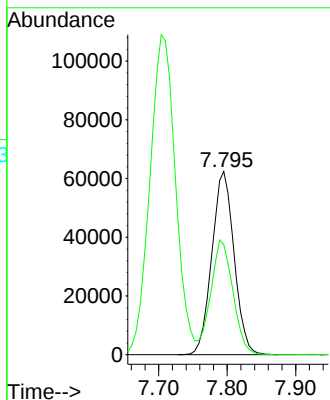
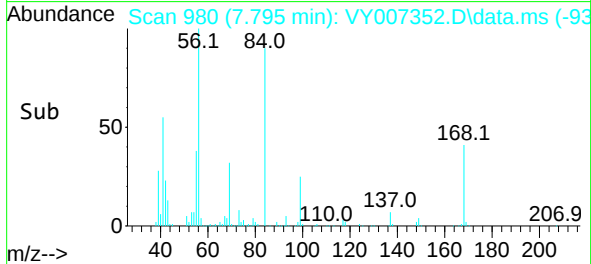
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:168 Resp: 140510
Ion Ratio Lower Upper
168 100
99 60.1 46.9 70.3

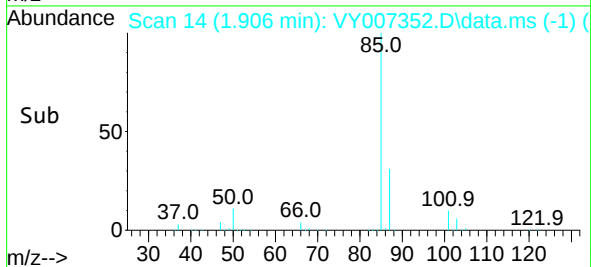
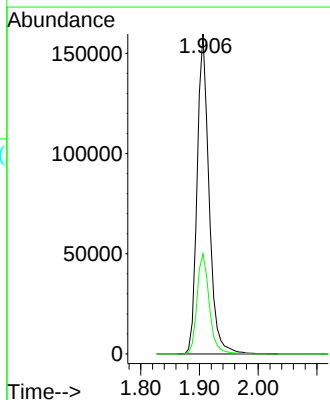
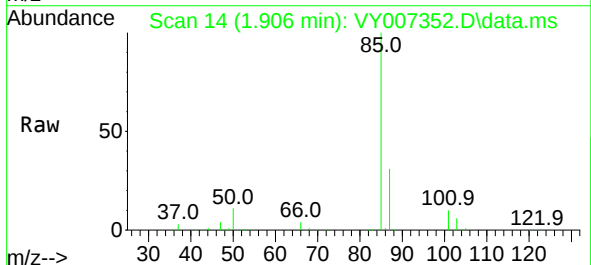
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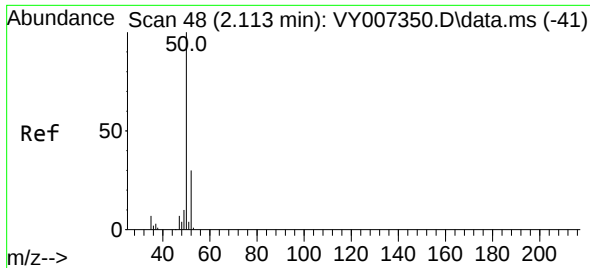
Reviewed By :John Carlone 02/03/2022
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#2
Dichlorodifluoromethane
Concen: 136.441 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

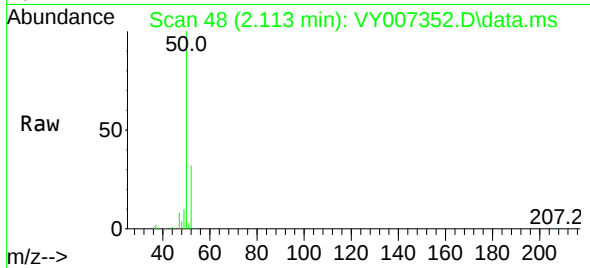
Tgt Ion: 85 Resp: 224457
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2





#3
Chloromethane
Concen: 148.422 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

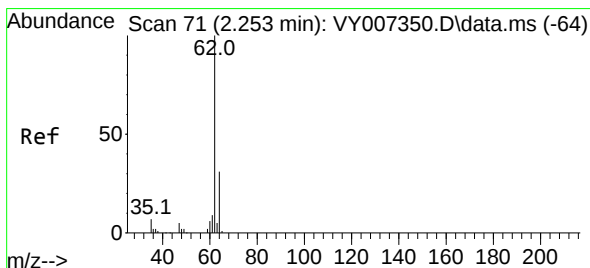
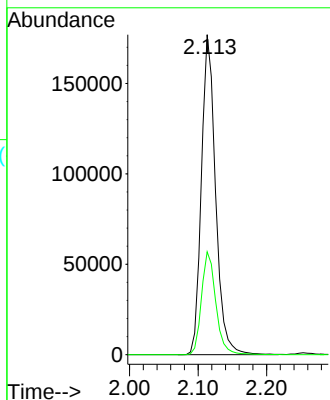
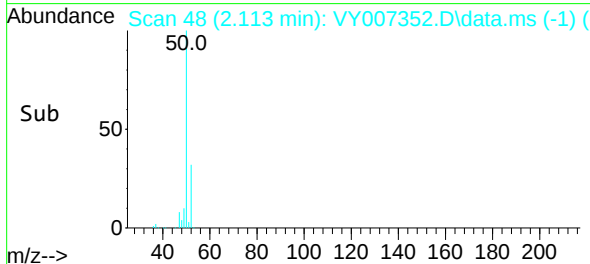
Instrument :
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VSTDICC150



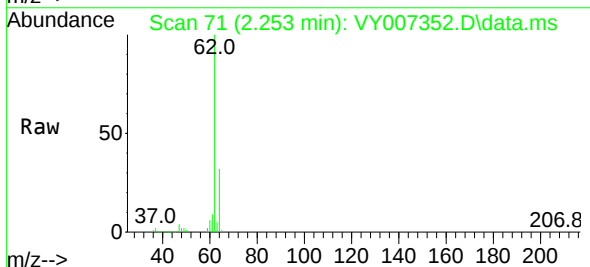
Tgt Ion: 50 Resp: 25528
Ion Ratio Lower Upper
50 100
52 32.2 24.6 37.0

Manual Integrations
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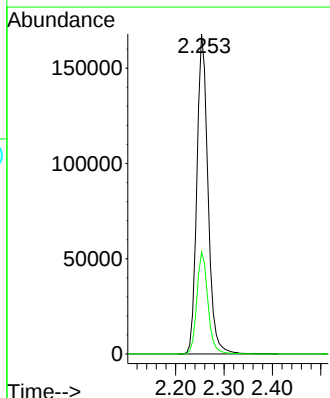
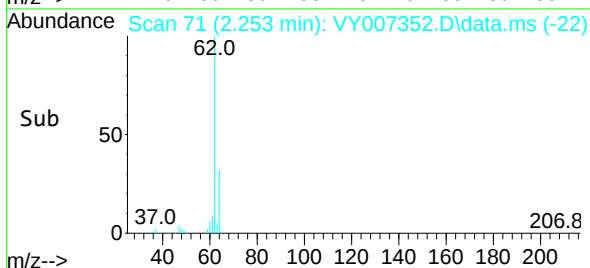
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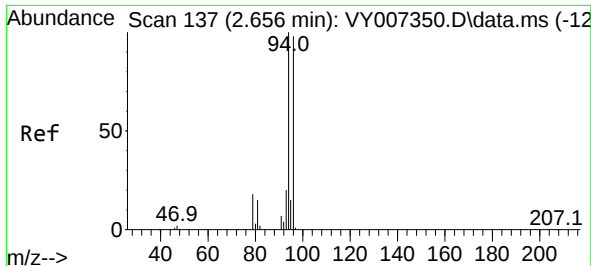


#4
Vinyl Chloride
Concen: 138.027 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09



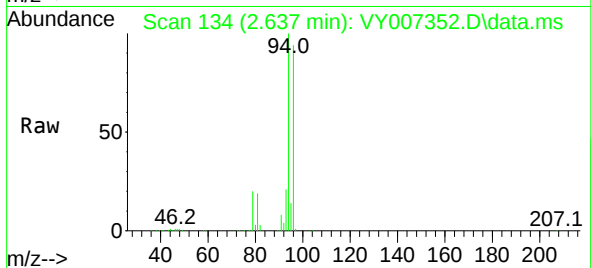
Tgt Ion: 62 Resp: 267762
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.6





#5
Bromomethane
Concen: 135.665 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

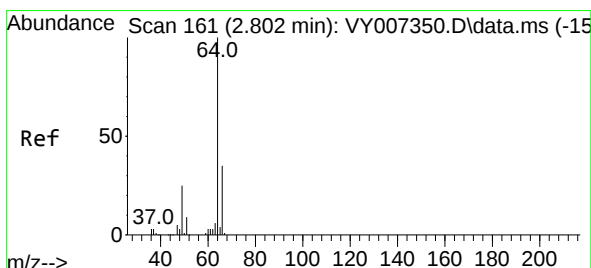
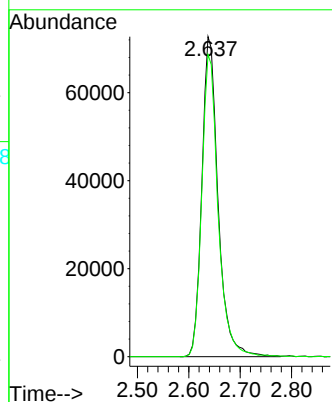
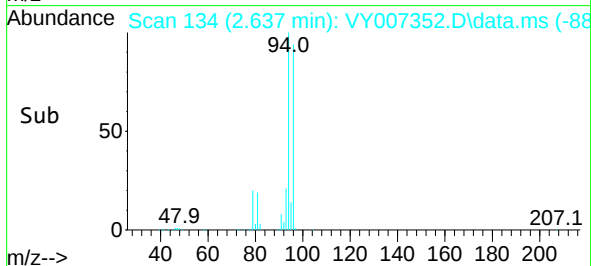
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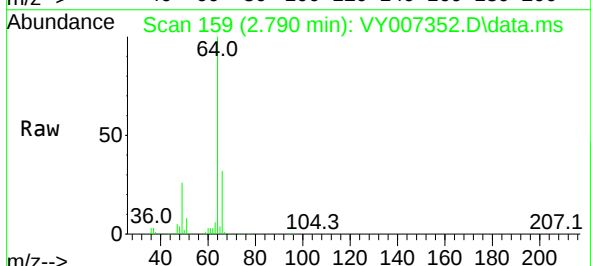
Tgt Ion: 94 Resp: 15941
Ion Ratio Lower Upper
94 100
96 94.4 73.5 110.3

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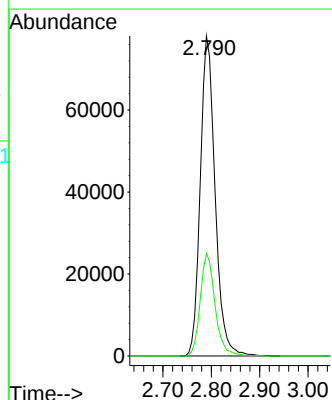
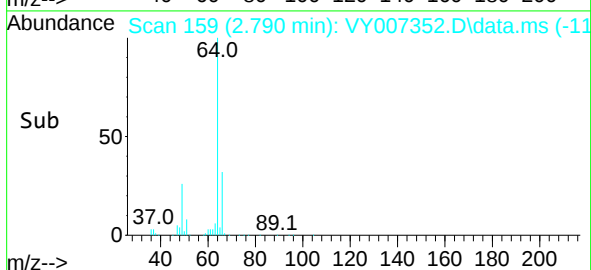
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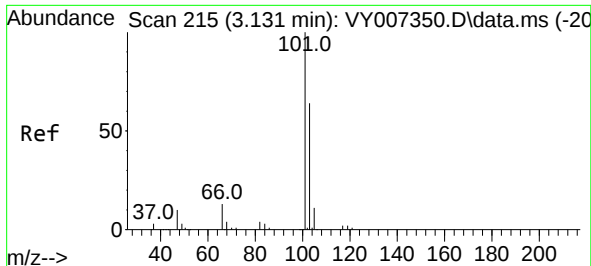


#6
Chloroethane
Concen: 139.274 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY007352.D
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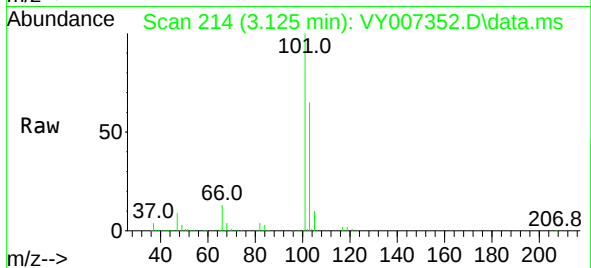
Tgt Ion: 64 Resp: 165929
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 142.236 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY007352.D
 Acq: 02 Feb 2022 13:09

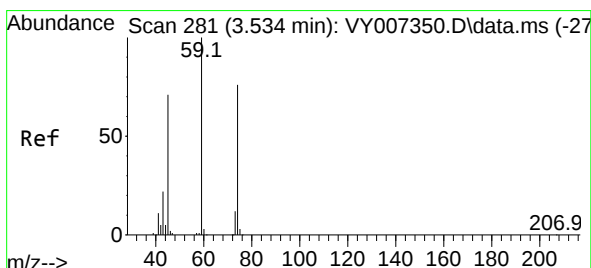
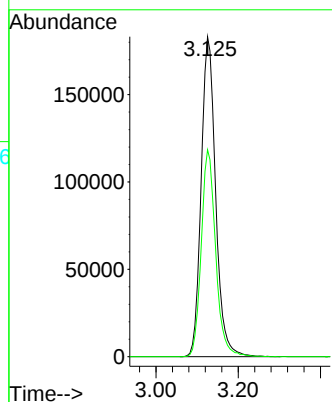
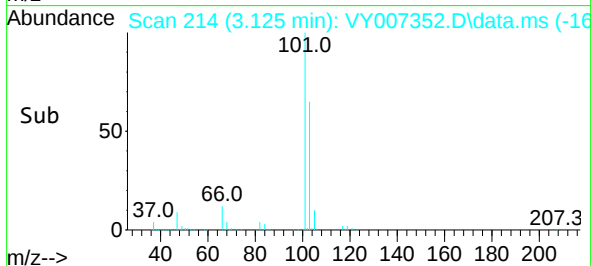
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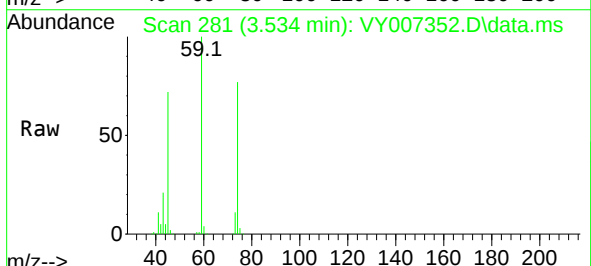
Tgt Ion:101 Resp: 447140
 Ion Ratio Lower Upper
 101 100
 103 64.7 48.0 72.0

Manual Integrations
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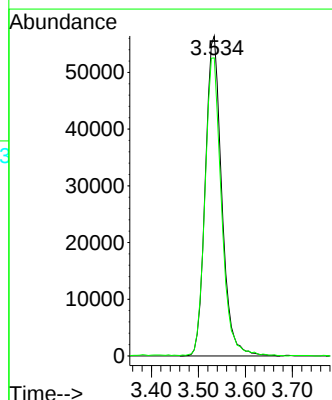
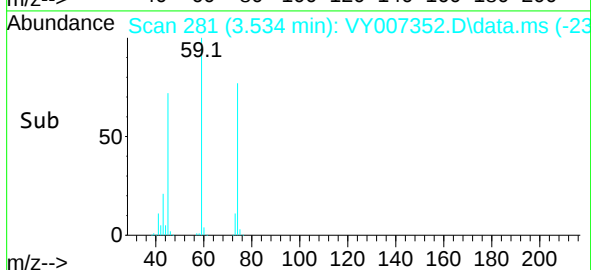
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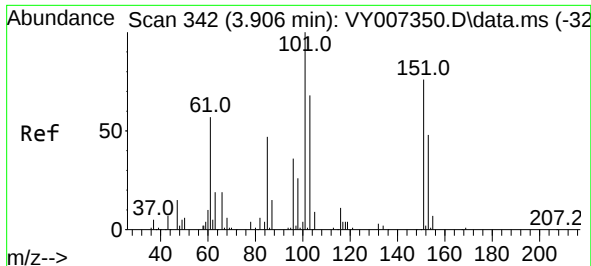


#8
 Diethyl Ether
 Concen: 145.975 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY007352.D
 Acq: 02 Feb 2022 13:09



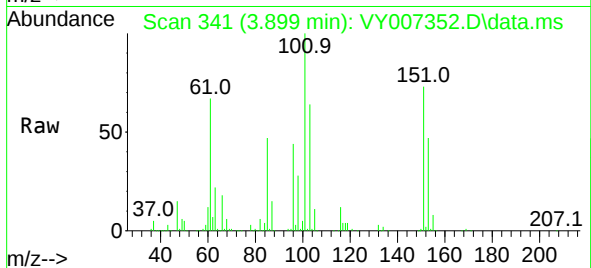
Tgt Ion: 74 Resp: 136214
 Ion Ratio Lower Upper
 74 100
 45 94.1 55.1 165.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 141.911 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

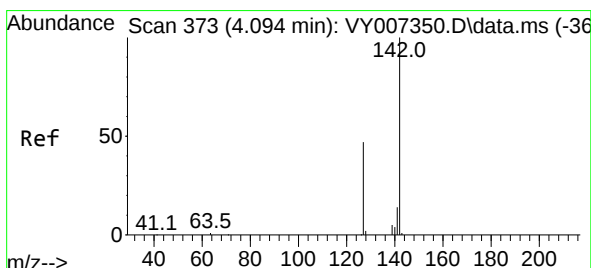
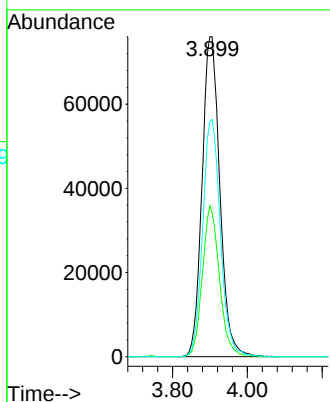
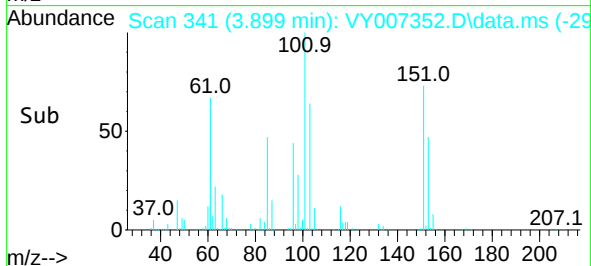
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:101 Resp: 251249
Ion Ratio Lower Upper
101 100
85 45.1 40.6 60.8
151 74.1 64.9 97.3

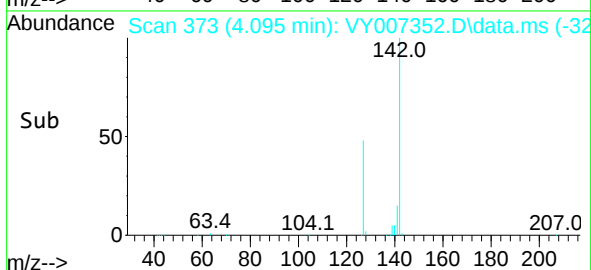
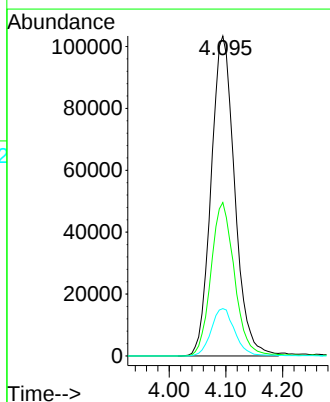
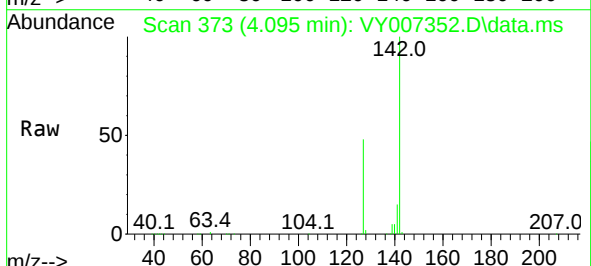
Manual Integrations
APPROVED

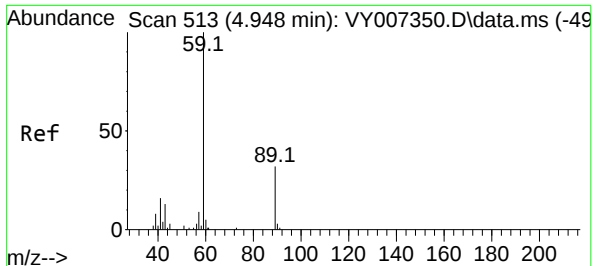
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#10
Methyl Iodide
Concen: 156.227 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

Tgt Ion:142 Resp: 298177
Ion Ratio Lower Upper
142 100
127 48.0 41.5 62.3
141 14.9 11.9 17.9





#11

Tert butyl alcohol

Concen: 761.577 ug/l

RT: 4.960 min Scan# 513

Delta R.T. 0.012 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 123075

Ion Ratio Lower Upper

59 100

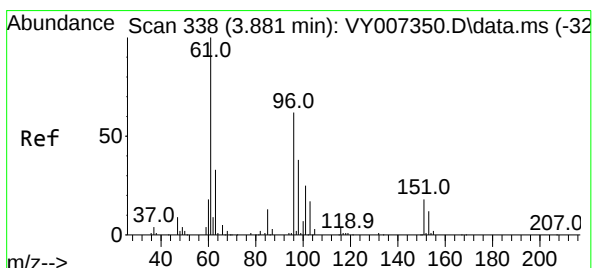
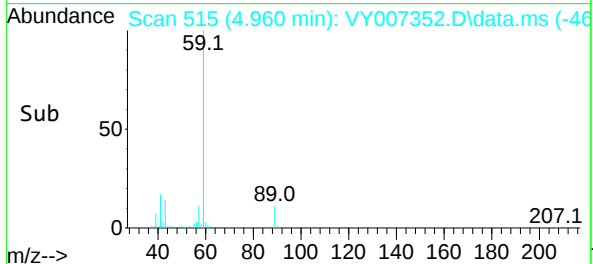
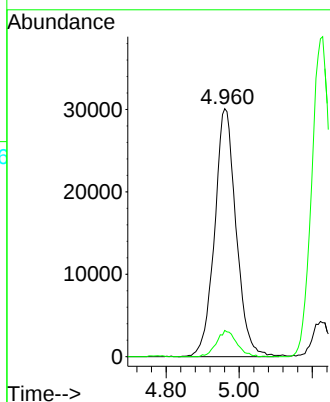
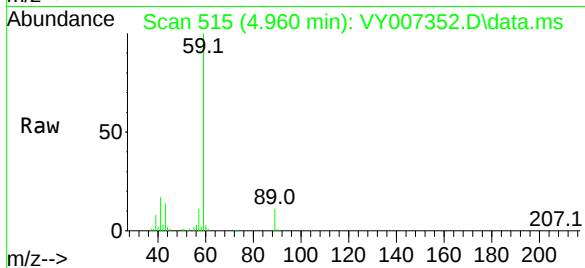
57 9.9 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#12

1,1-Dichloroethene

Concen: 140.766 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

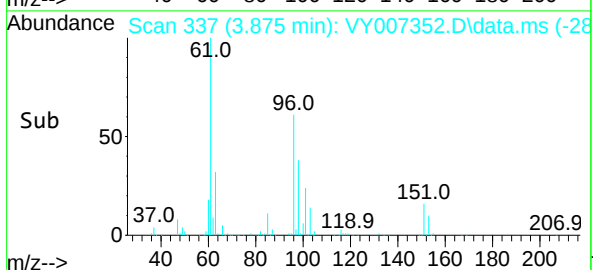
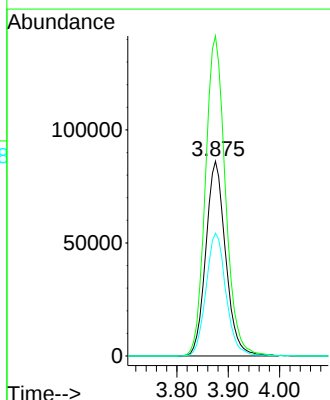
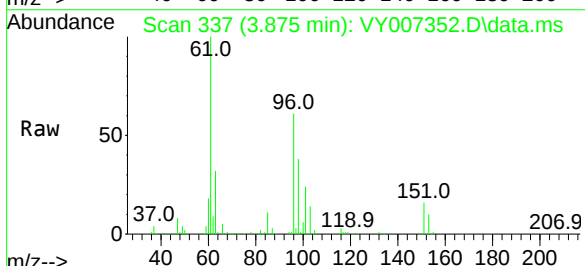
Tgt Ion: 96 Resp: 230211

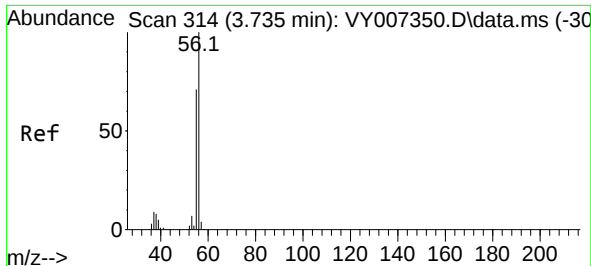
Ion Ratio Lower Upper

96 100

61 164.3 145.8 218.6

98 63.0 52.5 78.7





#13

Acrolein

Concen: 778.346 ug/l

RT: 3.729 min Scan# 314

Delta R.T. -0.006 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 16899

Ion Ratio Lower Upper

56 100

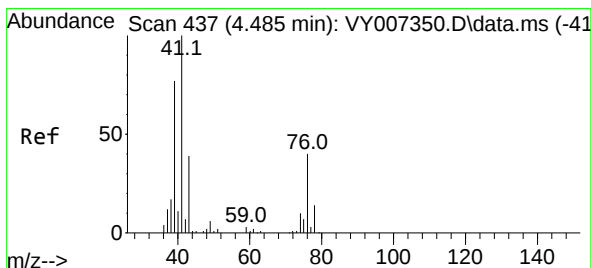
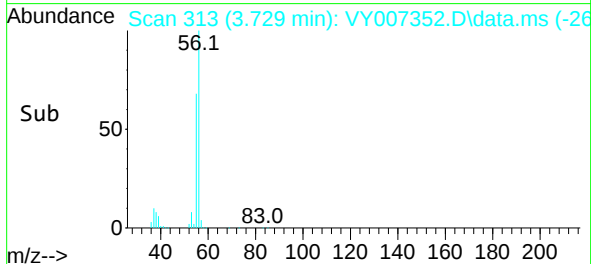
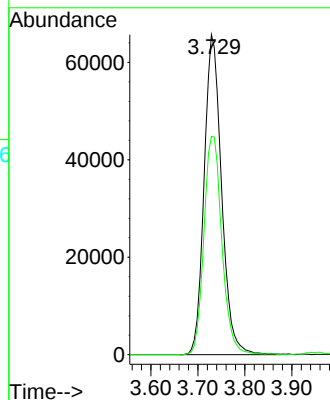
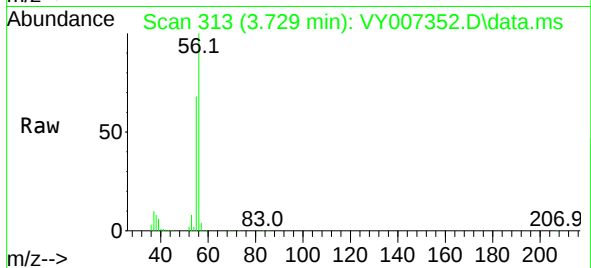
55 70.4 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#14

Allyl chloride

Concen: 144.127 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

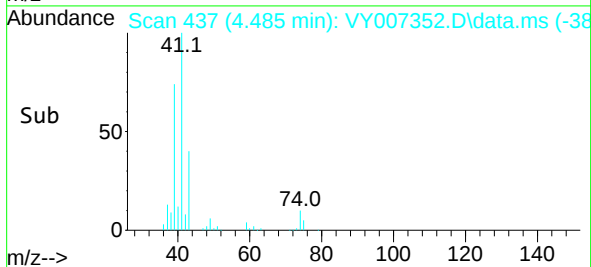
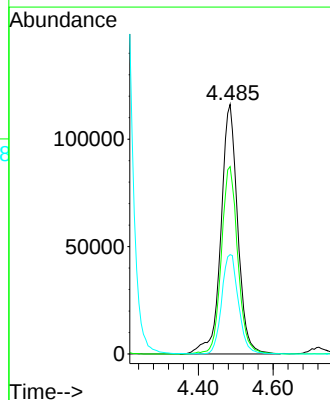
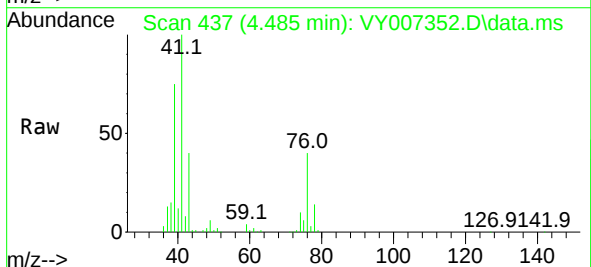
Tgt Ion: 41 Resp: 362032

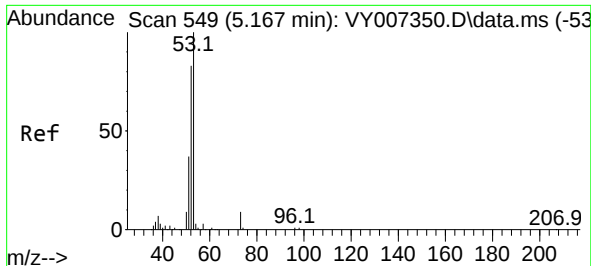
Ion Ratio Lower Upper

41 100

39 73.6 58.8 88.2

76 39.8 25.1 37.7#





#15

Acrylonitrile

Concen: 739.197 ug/l

RT: 5.168 min Scan# 549

Delta R.T. 0.000 min

Lab File: VY007352.D

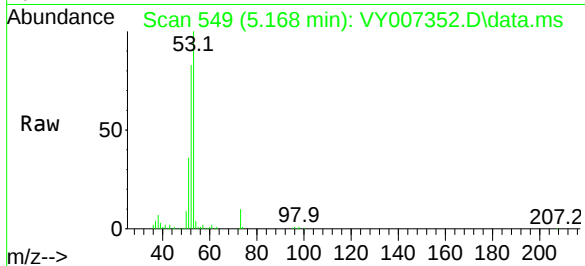
Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

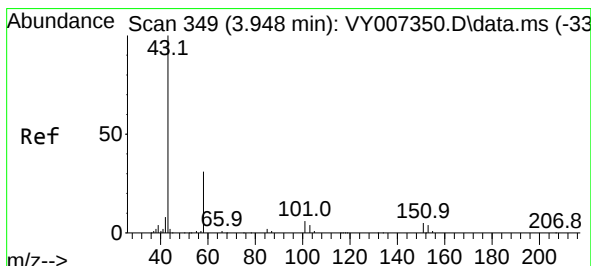
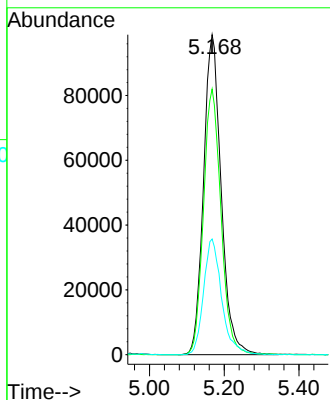
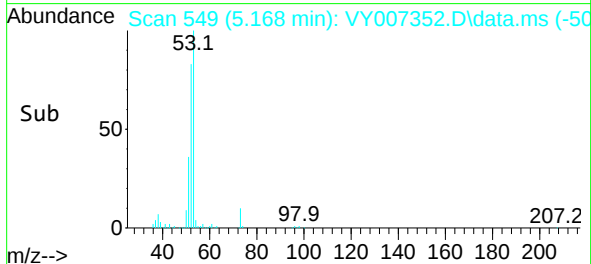


Tgt Ion: 53	Resp: 324068
Ion Ratio	Lower Upper
53	100
52	82.5 67.0 100.4
51	37.2 29.8 44.6

Manual Integrations
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Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#16

Acetone

Concen: 808.253 ug/l

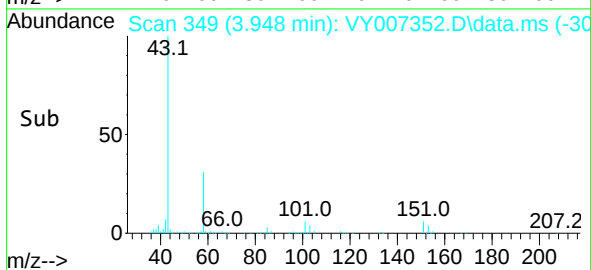
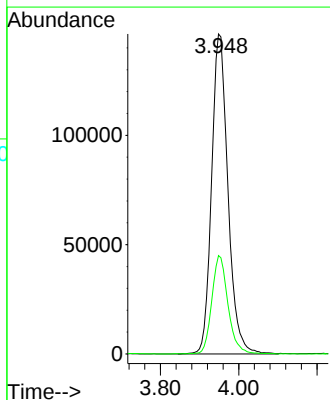
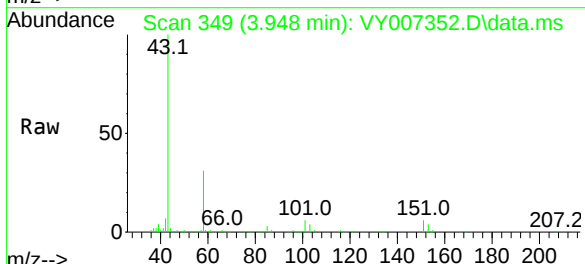
RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Tgt Ion: 43	Resp: 424254
Ion Ratio	Lower Upper
43	100
58	30.8 22.0 33.0





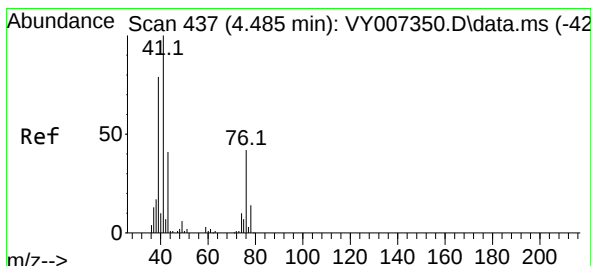
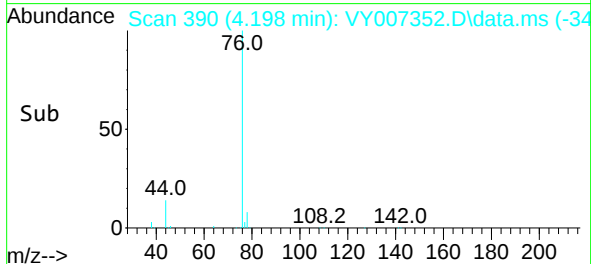
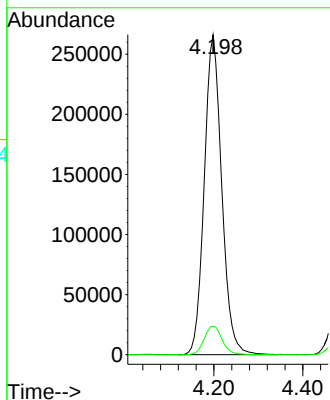
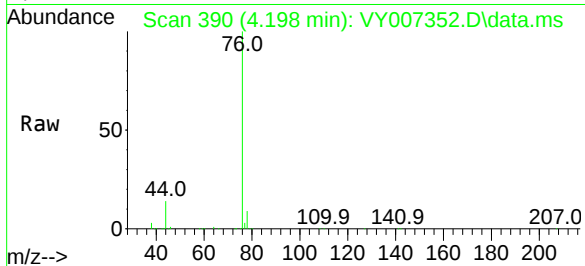
#17
Carbon Disulfide
Concen: 141.859 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 72833
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

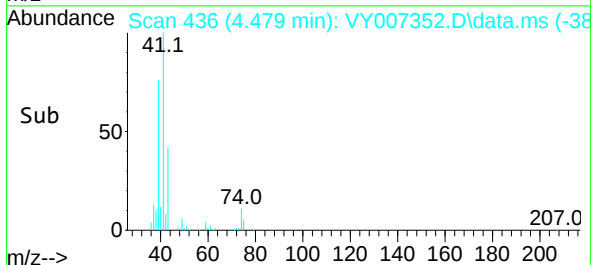
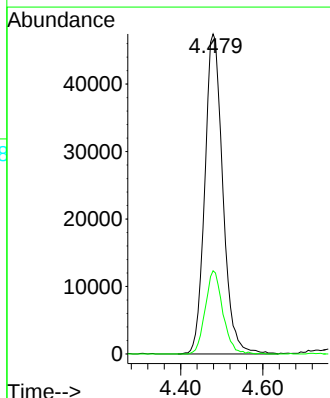
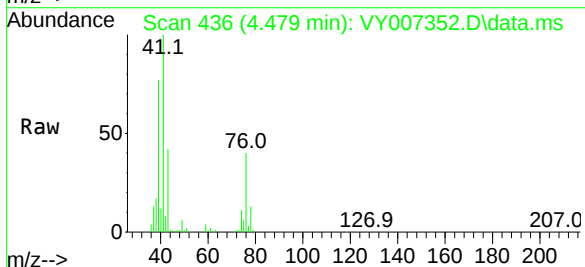
Manual Integrations
APPROVED

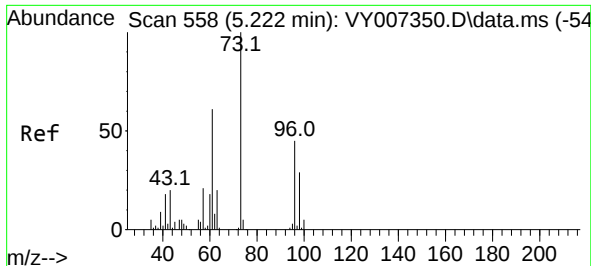
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#18
Methyl Acetate
Concen: 146.781 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

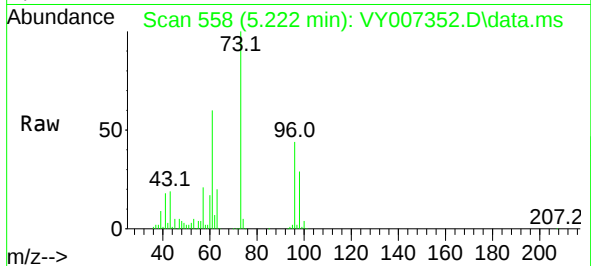
Tgt Ion: 43 Resp: 144307
Ion Ratio Lower Upper
43 100
74 25.3 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 147.937 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

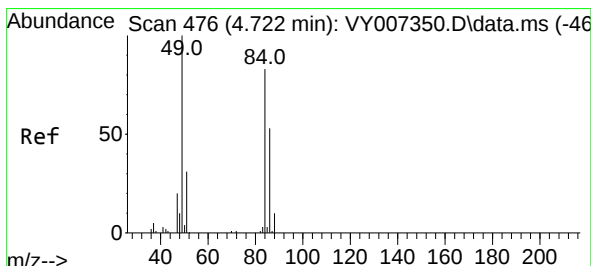
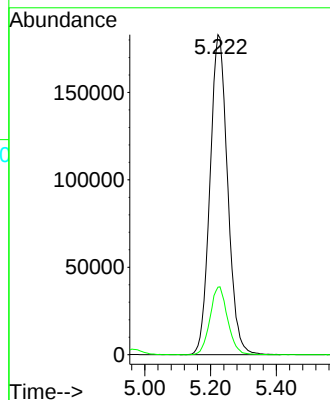
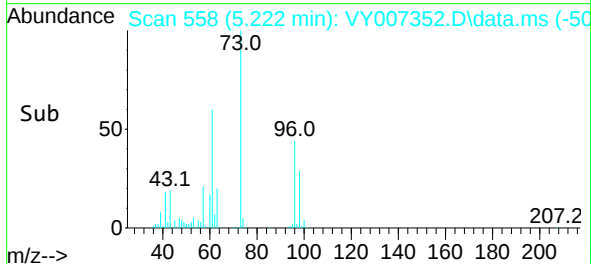
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 681629
Ion Ratio Lower Upper
73 100
57 21.1 18.6 27.8

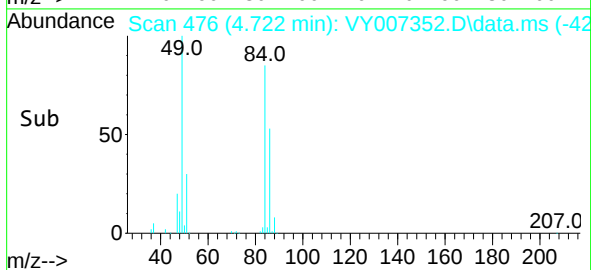
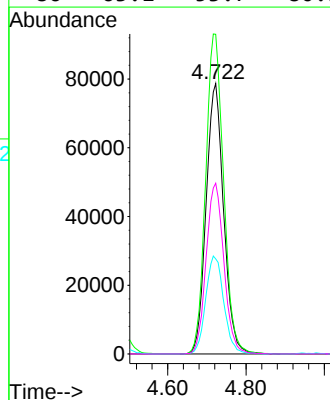
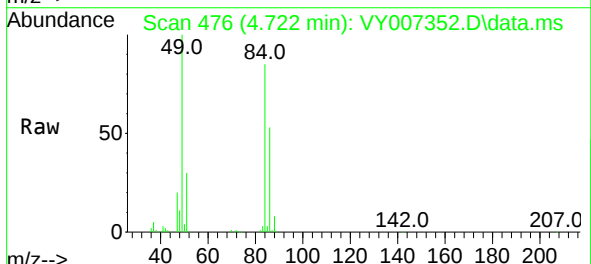
Manual Integrations
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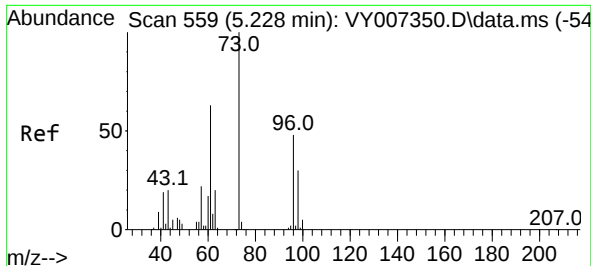
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#20
Methylene Chloride
Concen: 147.824 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

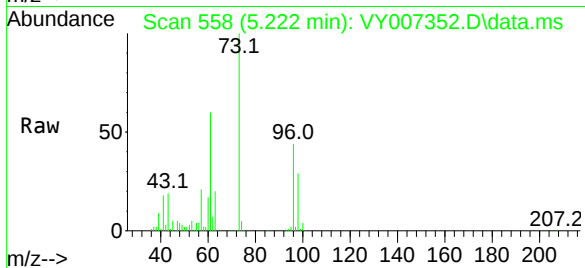
Tgt Ion: 84 Resp: 243837
Ion Ratio Lower Upper
84 100
49 118.2 114.4 171.6
51 35.2 35.3 52.9#
86 63.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 141.497 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

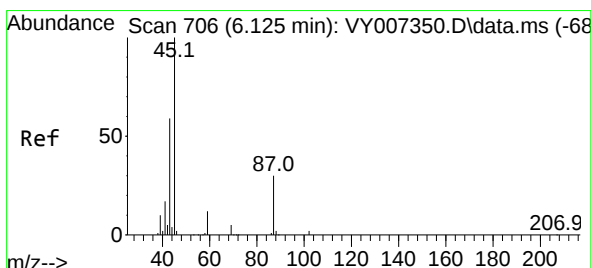
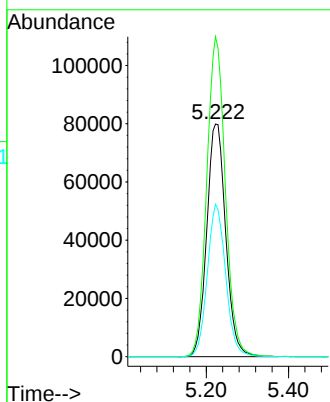
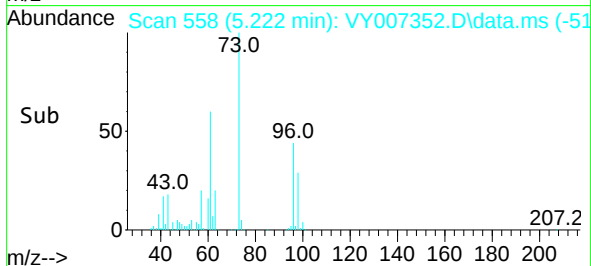
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



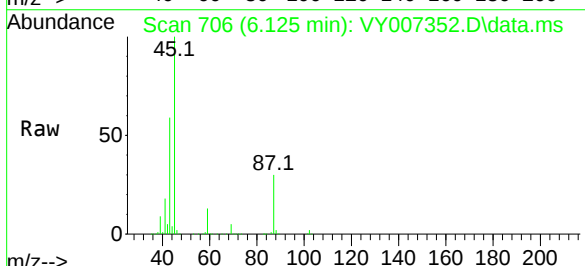
Tgt Ion: 96 Resp: 256000
Ion Ratio Lower Upper
96 100
61 137.5 120.5 180.7
98 65.6 49.8 74.8

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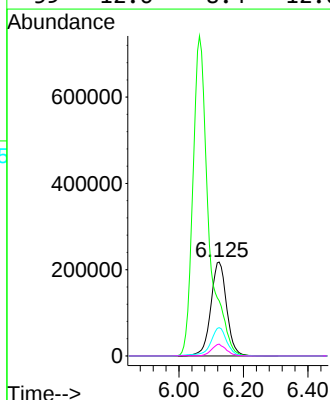
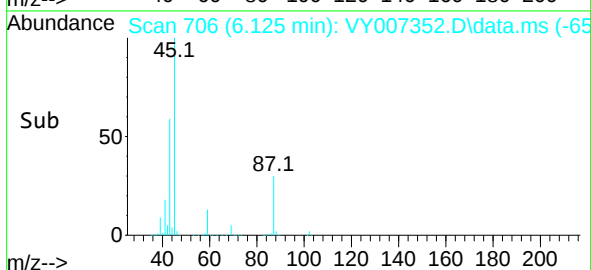
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

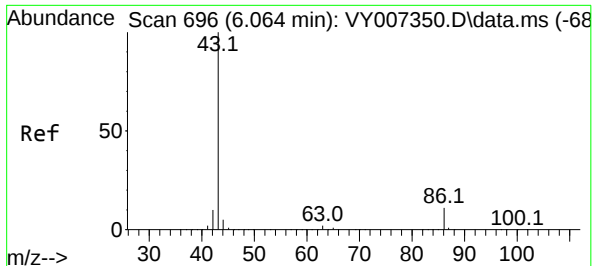


#22
Diisopropyl ether
Concen: 140.889 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09



Tgt Ion: 45 Resp: 741534
Ion Ratio Lower Upper
45 100
43 58.8 49.3 73.9
87 30.2 19.2 28.8#
59 12.6 8.4 12.6





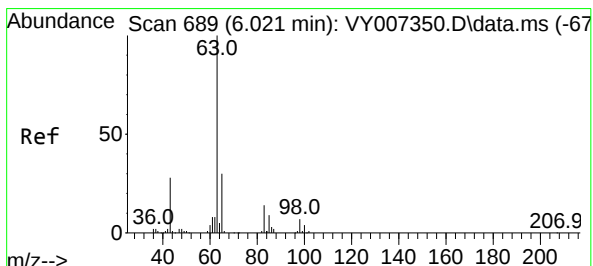
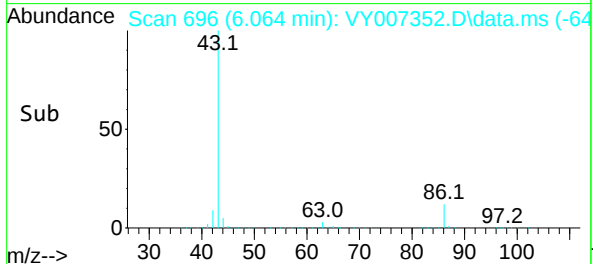
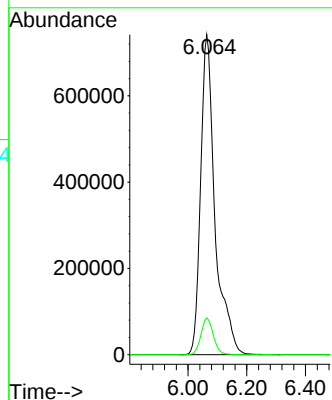
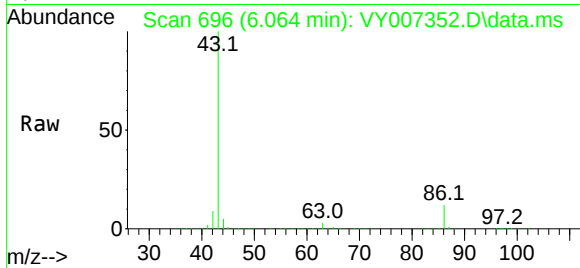
#23
 Vinyl Acetate
 Concen: 732.584 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY007352.D
 Acq: 02 Feb 2022 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 2514639
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7

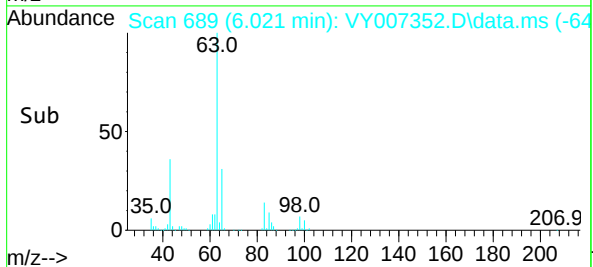
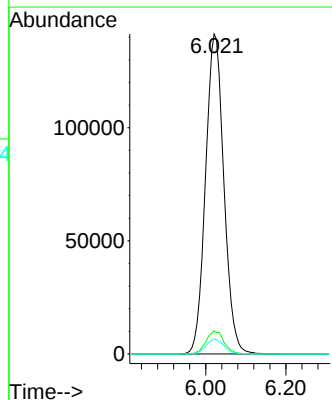
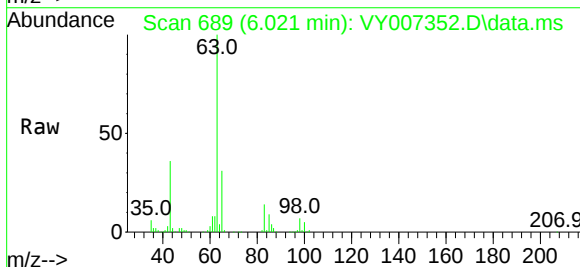
Manual Integrations
 APPROVED

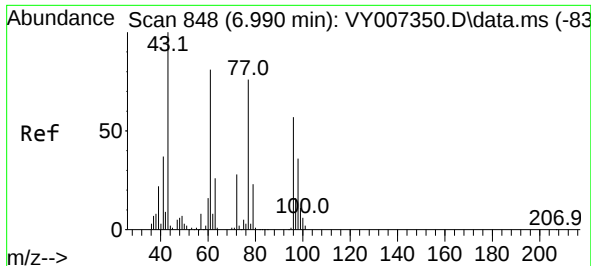
Reviewed By :John Carlone 02/03/2022
 Supervised By :Mahesh Dadoda 02/07/2022



#24
 1,1-Dichloroethane
 Concen: 141.340 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY007352.D
 Acq: 02 Feb 2022 13:09

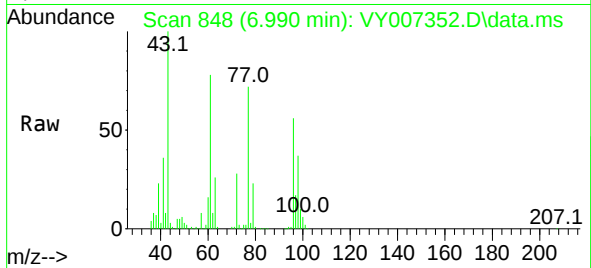
Tgt Ion: 63 Resp: 449287
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.6 2.0 5.8





#25
2-Butanone
Concen: 795.520 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

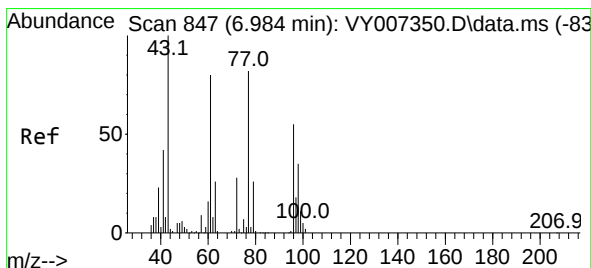
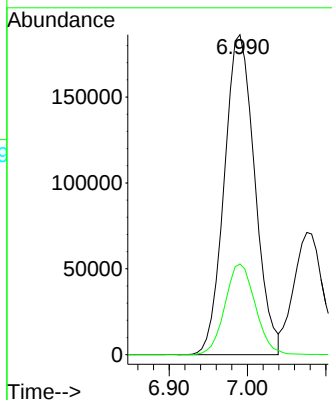
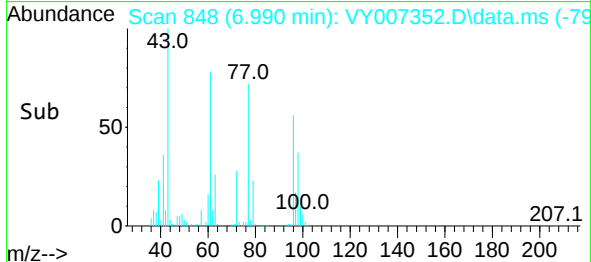
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 50450
Ion Ratio Lower Upper
43 100
72 28.4 17.7 26.5

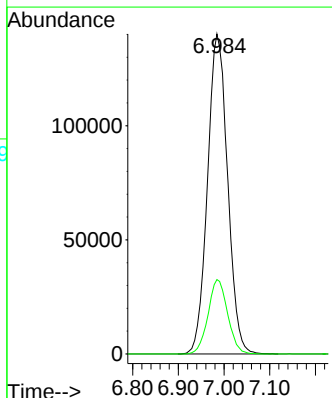
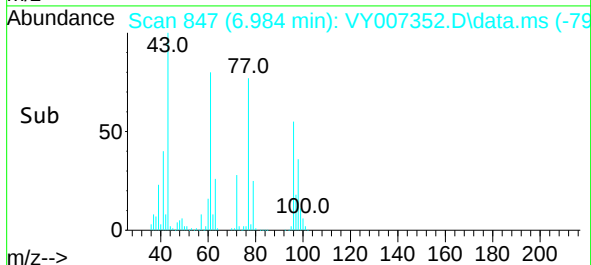
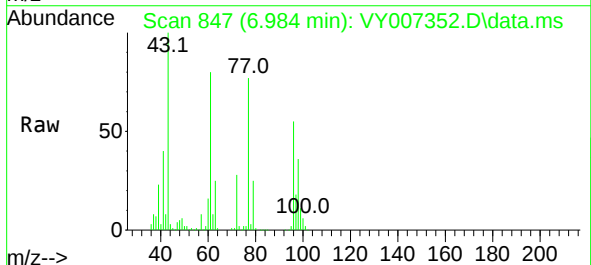
Manual Integrations
APPROVED

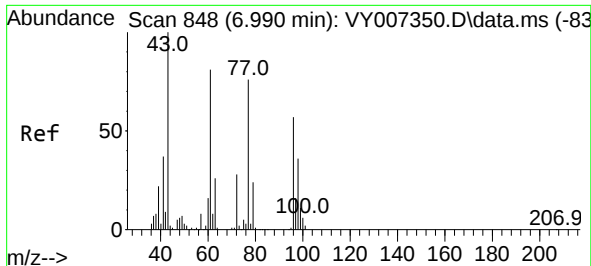
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#26
2,2-Dichloropropane
Concen: 140.781 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

Tgt Ion: 77 Resp: 428202
Ion Ratio Lower Upper
77 100
97 22.7 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 143.082 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 285936

Ion Ratio Lower Upper

96 100

61 143.5 0.0 319.8

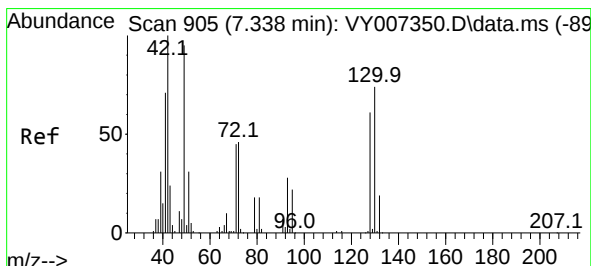
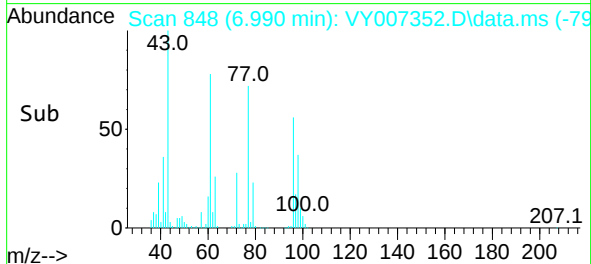
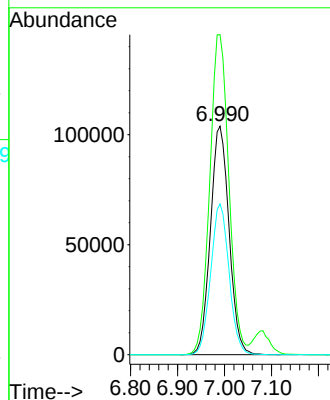
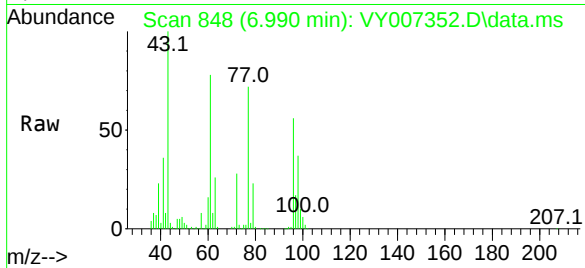
98 65.1 0.0 127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#28

Bromochloromethane

Concen: 151.264 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

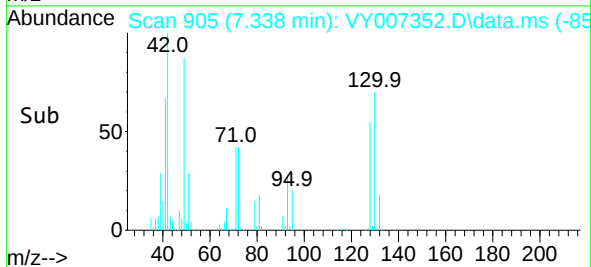
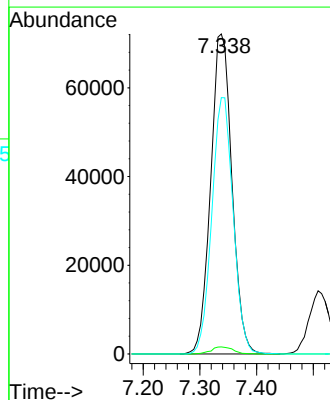
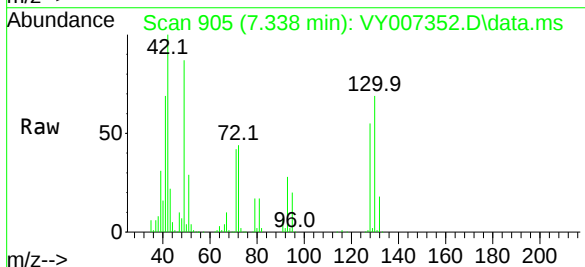
Tgt Ion: 49 Resp: 188009

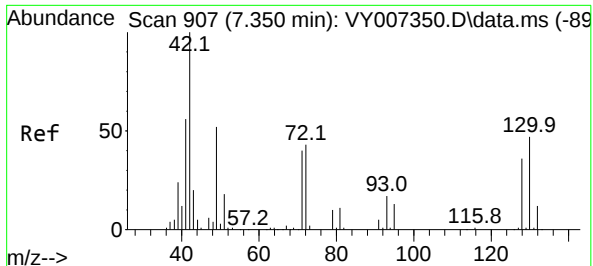
Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.2#

130 80.1 55.4 83.0





#29

Tetrahydrofuran

Concen: 742.127 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 271964

Ion Ratio Lower Upper

42 100

72 45.9 30.3 45.5

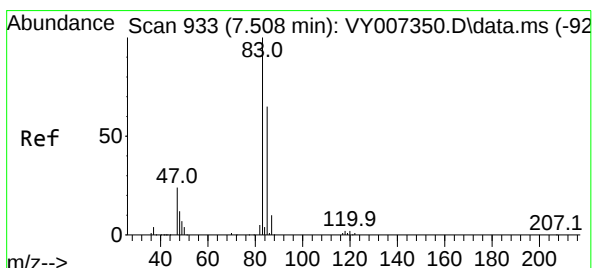
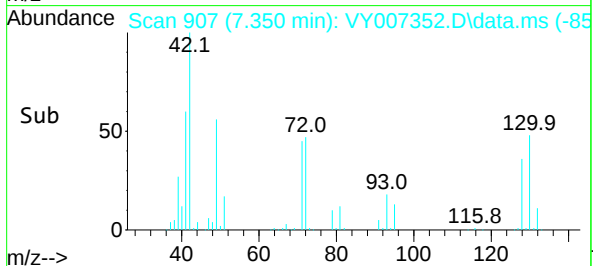
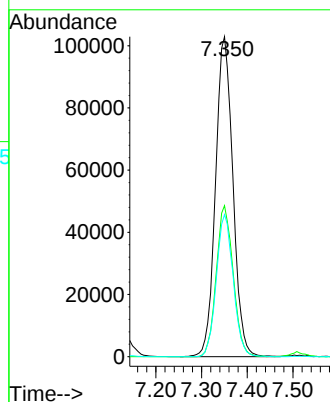
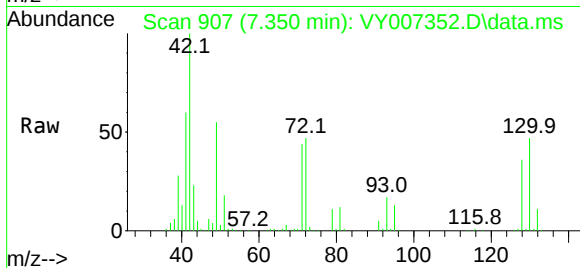
71 43.1 29.0 43.4

Manual Integrations

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Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#30

Chloroform

Concen: 141.883 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY007352.D

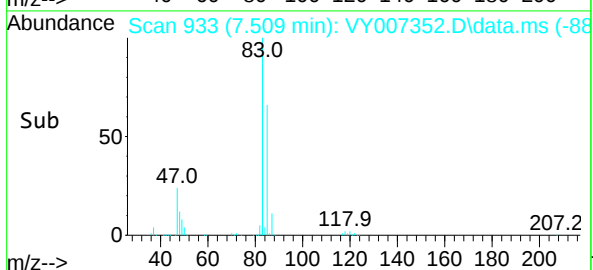
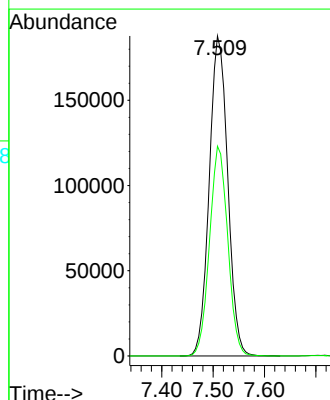
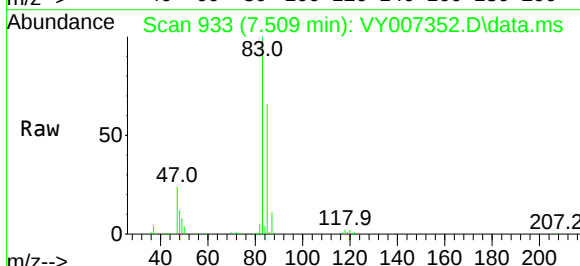
Acq: 02 Feb 2022 13:09

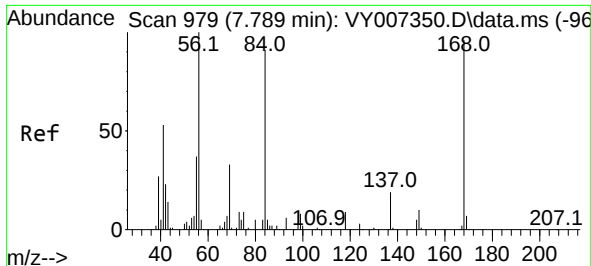
Tgt Ion: 83 Resp: 469169

Ion Ratio Lower Upper

83 100

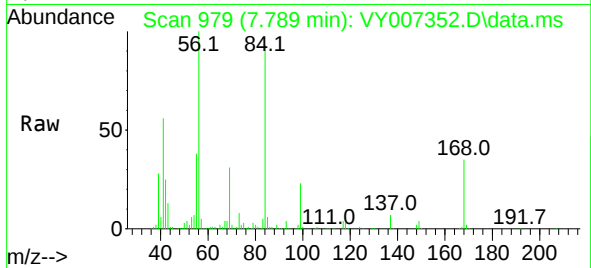
85 65.6 51.8 77.6





#31
Cyclohexane
Concen: 135.933 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

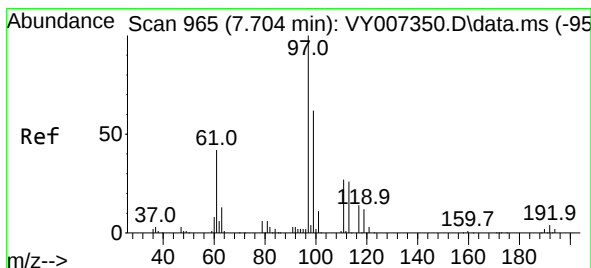
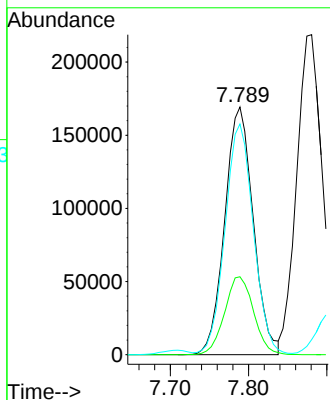
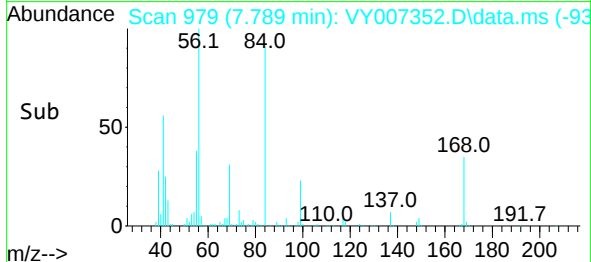
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 42868
Ion Ratio Lower Upper
56 100
69 31.5 26.7 40.1
84 91.4 67.2 100.8

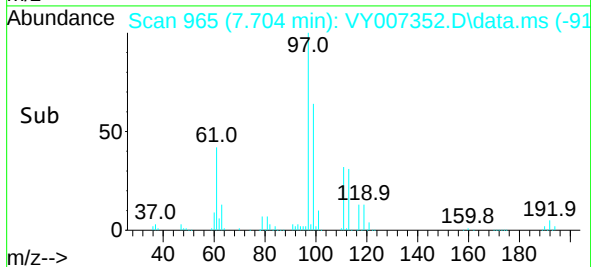
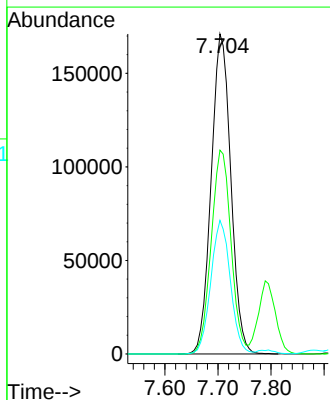
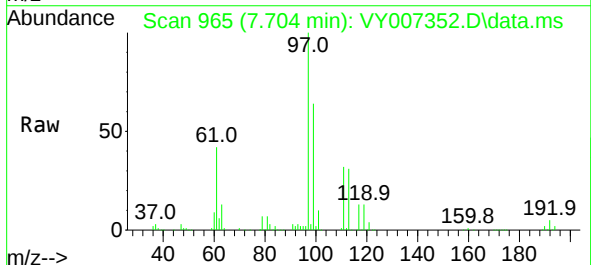
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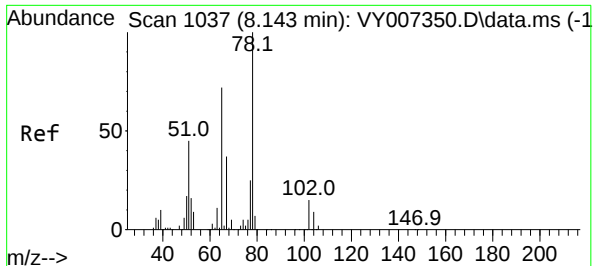
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#32
1,1,1-Trichloroethane
Concen: 143.308 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

Tgt Ion: 97 Resp: 440430
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 41.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 153.717 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 248439

Ion Ratio Lower Upper

65 100

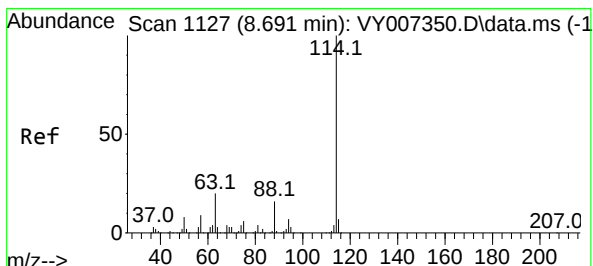
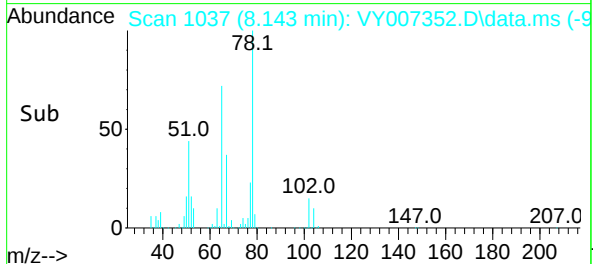
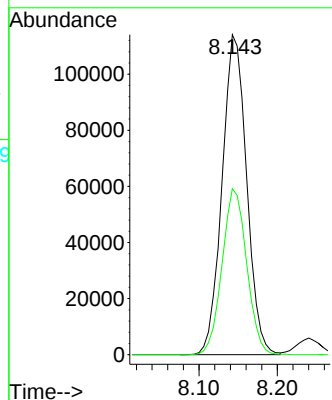
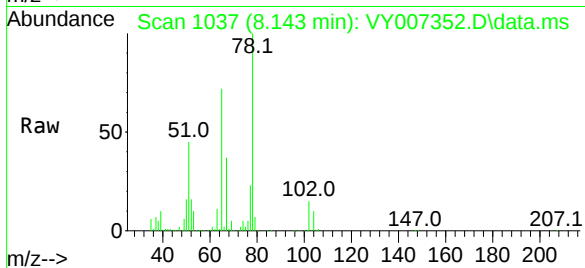
67 52.0 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

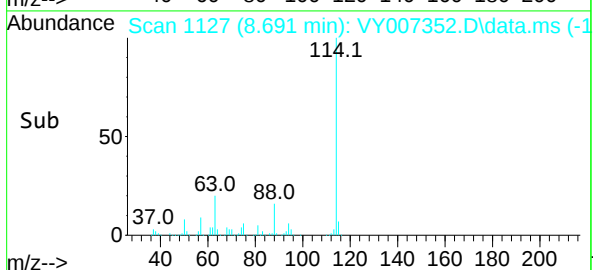
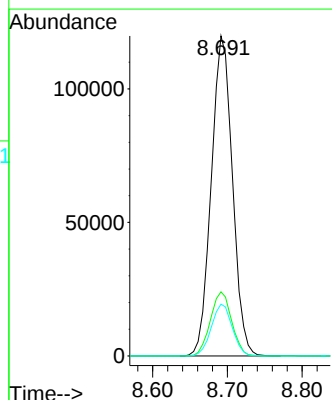
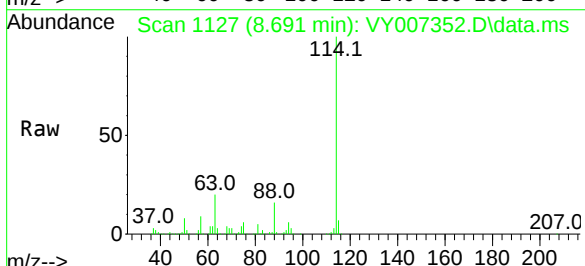
Tgt Ion:114 Resp: 235722

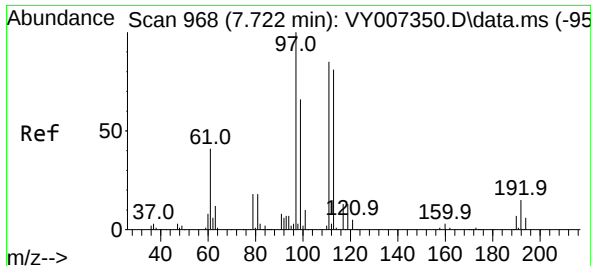
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

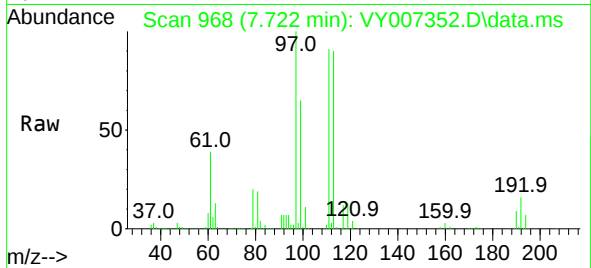
88 16.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 152.522 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

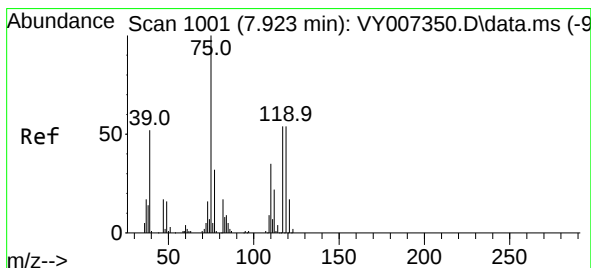
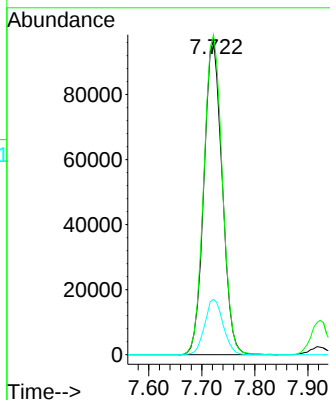
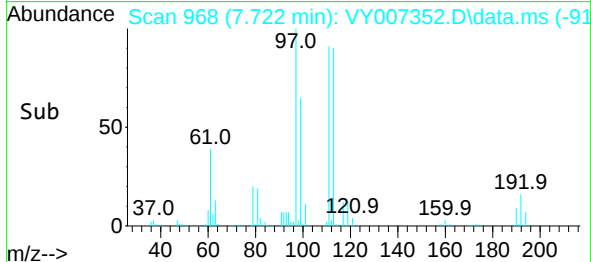
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



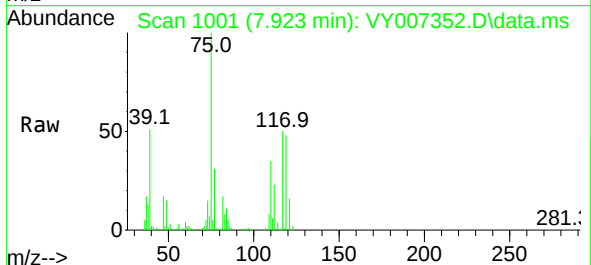
Tgt Ion:113 Resp: 230860
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 17.8 17.6 26.4

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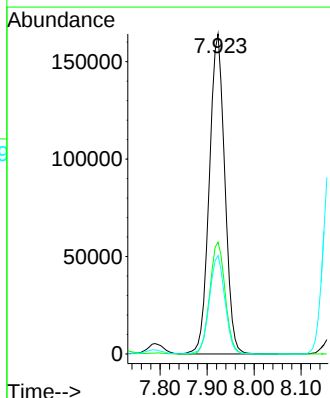
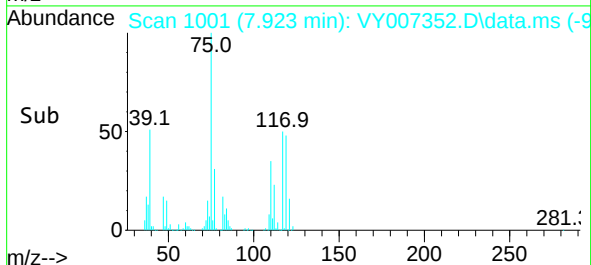
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

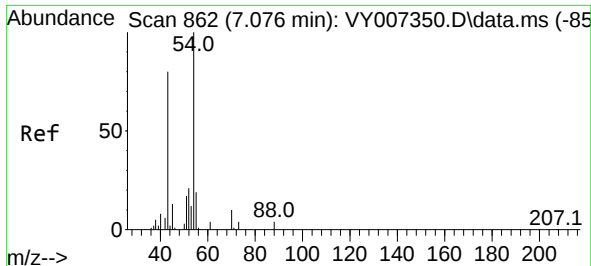


#36
1,1-Dichloropropene
Concen: 141.749 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09



Tgt Ion: 75 Resp: 375103
Ion Ratio Lower Upper
75 100
110 34.7 17.1 51.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 144.228 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

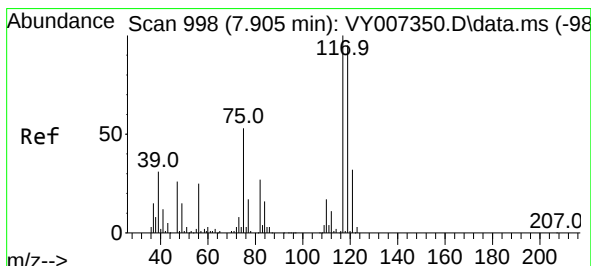
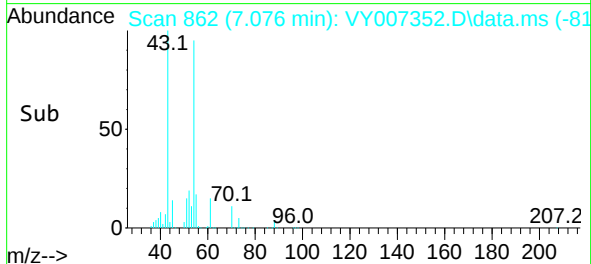
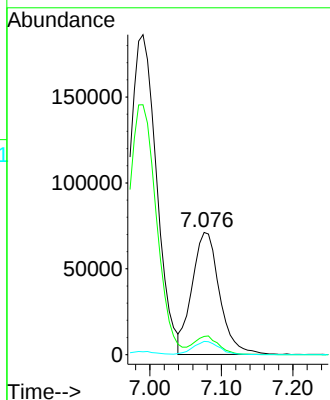
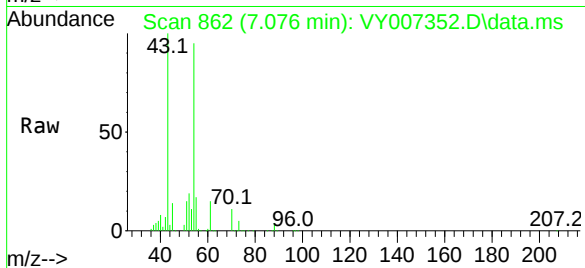
VSTDICC150

Tgt Ion: 43 Resp: 18974

Ion	Ratio	Lower	Upper
43	100		
61	13.7	9.7	14.5
70	10.4	7.1	10.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#38

Carbon Tetrachloride

Concen: 143.951 ug/l

RT: 7.905 min Scan# 998

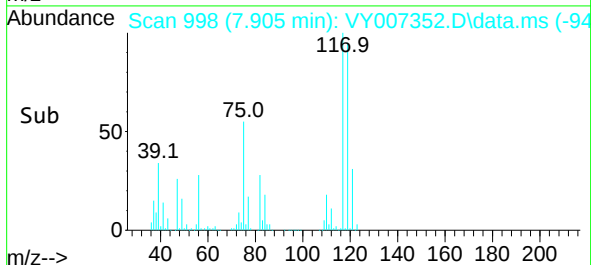
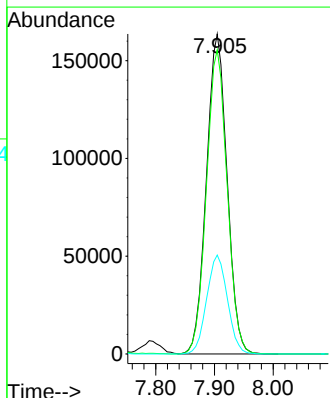
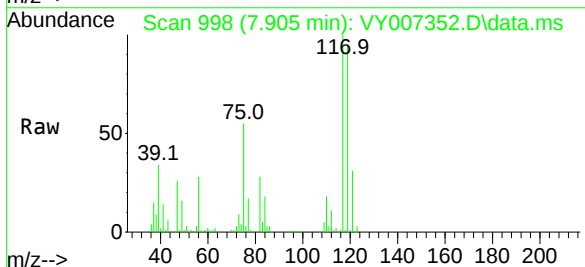
Delta R.T. 0.000 min

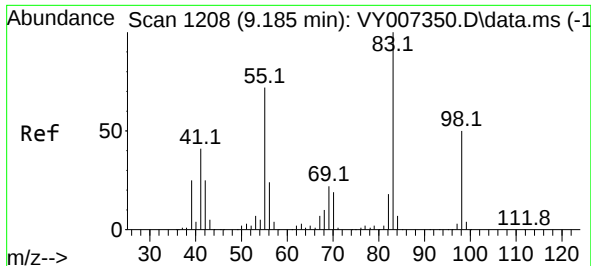
Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Tgt Ion:117 Resp: 400206

Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.9	116.9
121	30.9	24.8	37.2





#39

Methylcyclohexane

Concen: 144.926 ug/l

RT: 9.185 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 481620

Ion Ratio Lower Upper

83 100

55 73.3 66.5 99.7

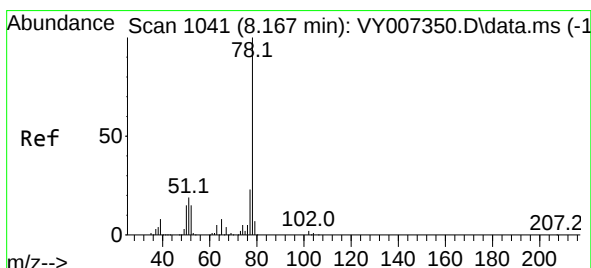
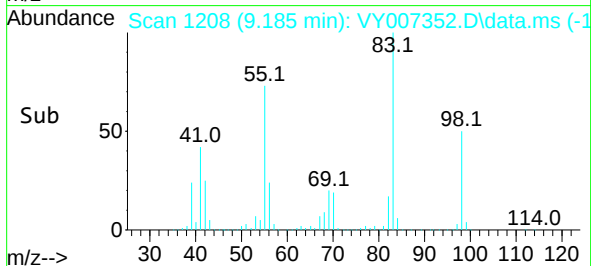
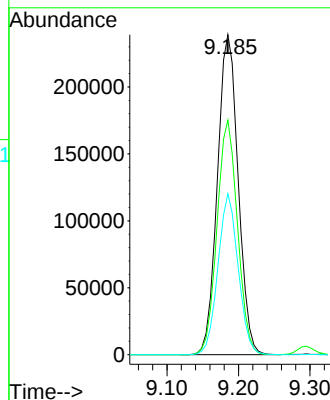
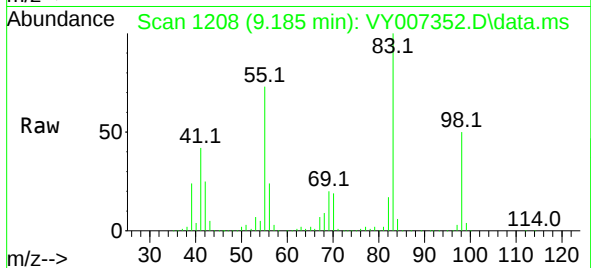
98 50.3 37.9 56.9

Manual Integrations

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Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#40

Benzene

Concen: 143.910 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY007352.D

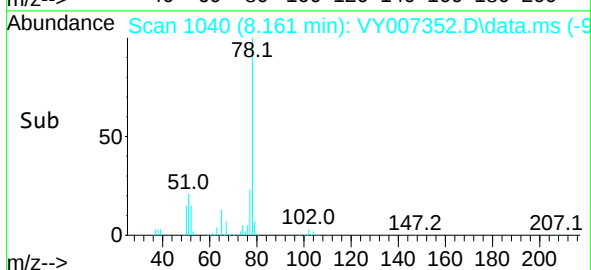
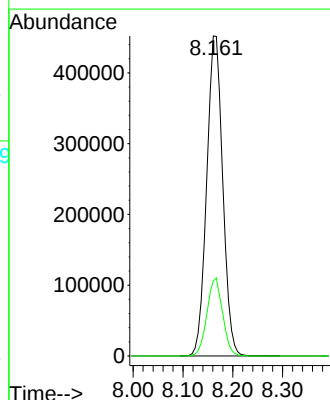
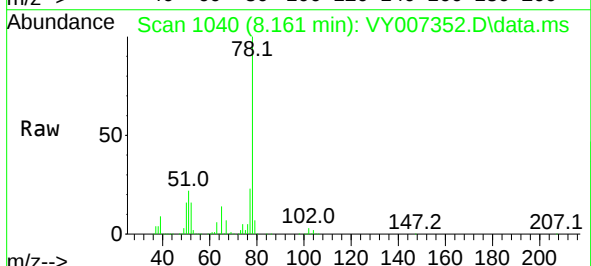
Acq: 02 Feb 2022 13:09

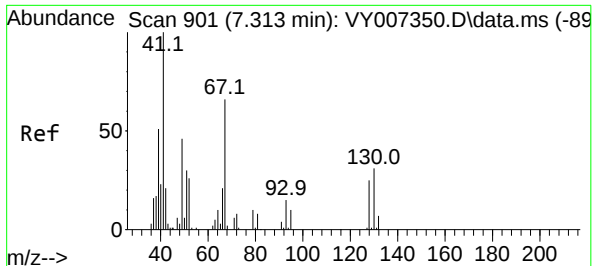
Tgt Ion: 78 Resp: 1009430

Ion Ratio Lower Upper

78 100

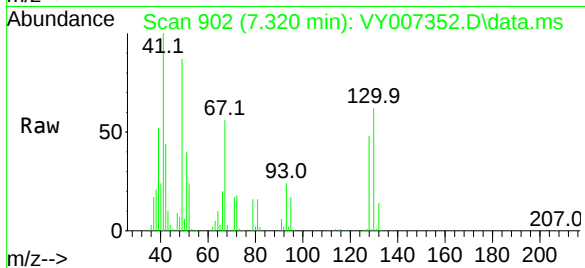
77 23.5 20.4 30.6





#41
Methacrylonitrile
Concen: 105.953 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

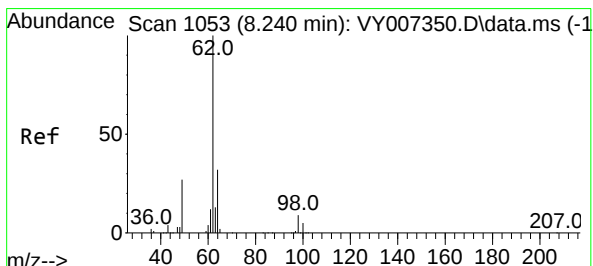
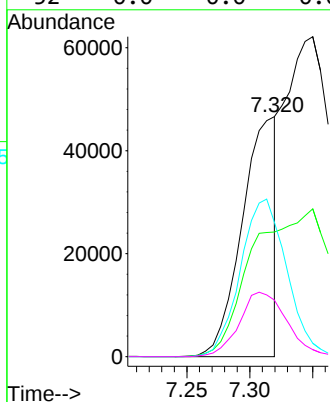
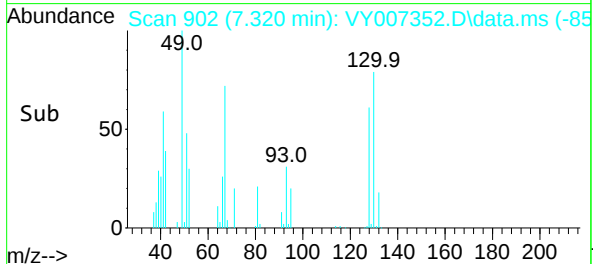
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 8870
Ion Ratio Lower Upper
41 100
39 142.9 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

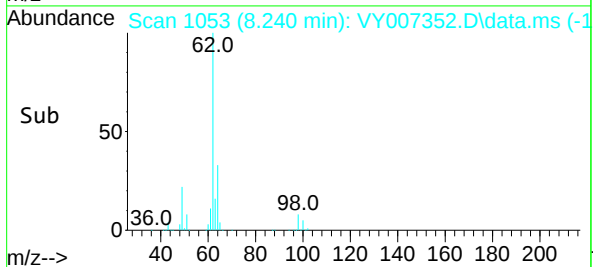
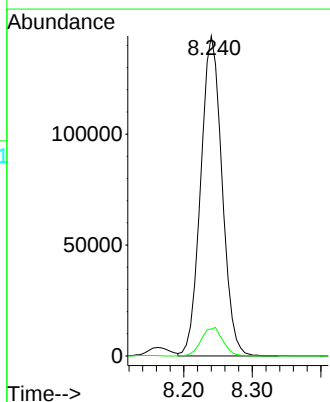
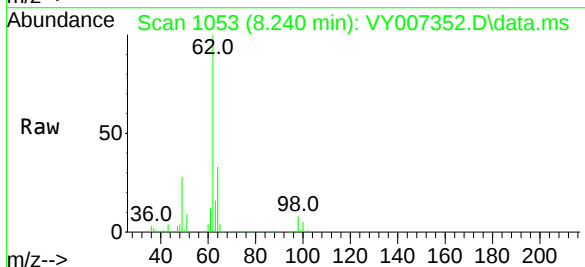
Manual Integrations
APPROVED

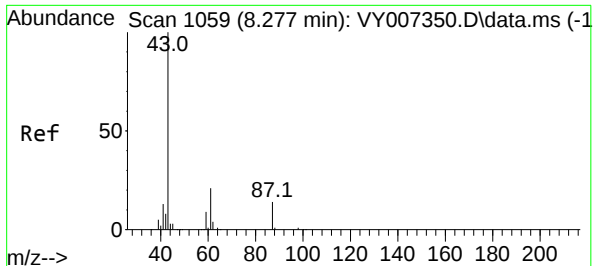
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#42
1,2-Dichloroethane
Concen: 146.516 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

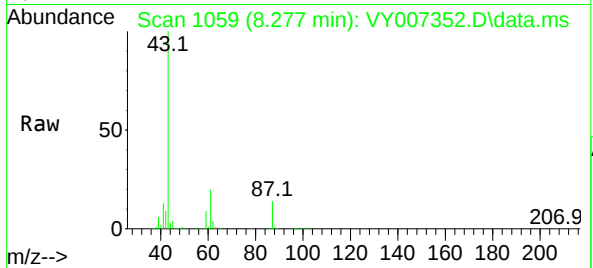
Tgt Ion: 62 Resp: 312408
Ion Ratio Lower Upper
62 100
98 9.0 0.0 14.8





#43
Isopropyl Acetate
Concen: 153.786 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

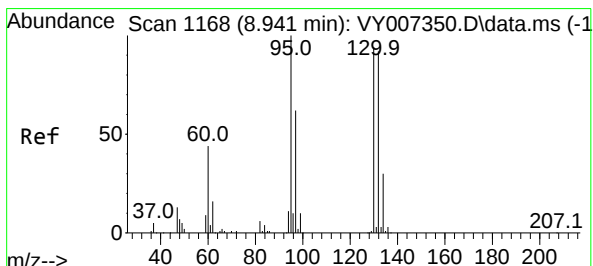
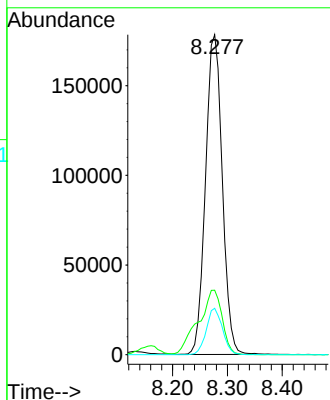
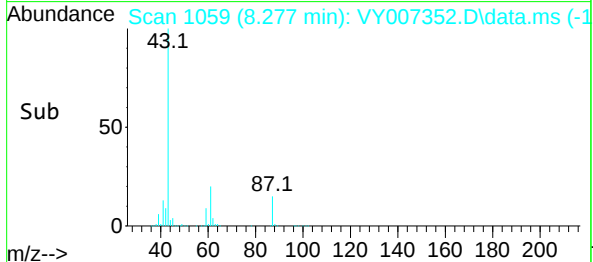
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



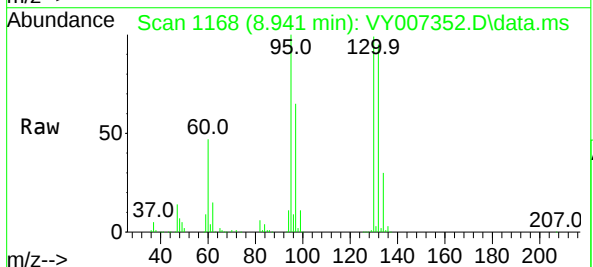
Tgt Ion: 43 Resp: 378364
Ion Ratio Lower Upper
43 100
61 28.6 20.2 30.2
87 14.0 8.9 13.3

Manual Integrations
APPROVED

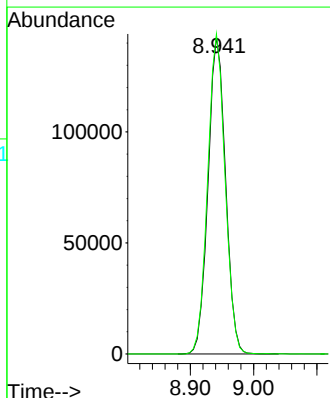
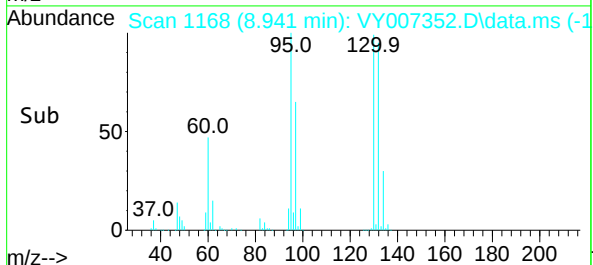
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

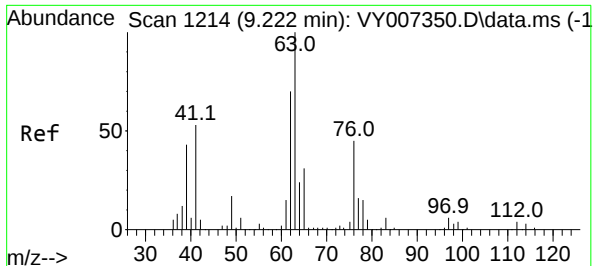


#44
Trichloroethene
Concen: 144.364 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09



Tgt Ion:130 Resp: 273793
Ion Ratio Lower Upper
130 100
95 100.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 142.968 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 247270

Ion Ratio Lower Upper

63 100

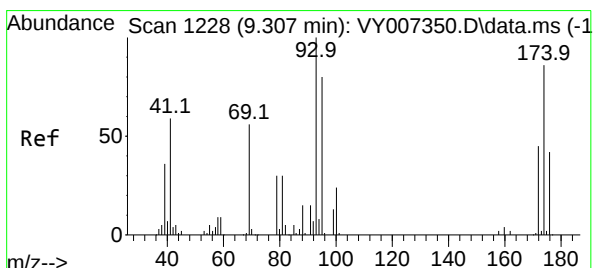
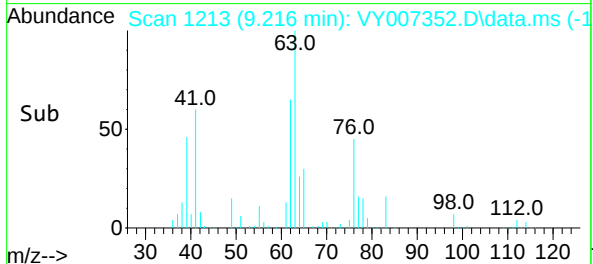
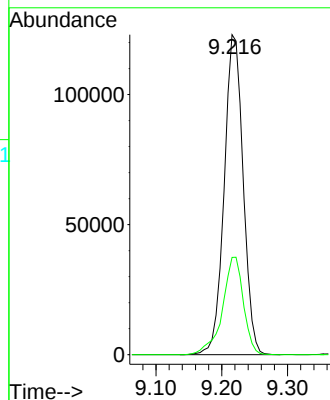
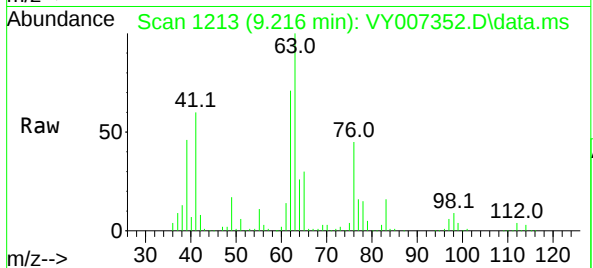
65 30.4 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#46

Dibromomethane

Concen: 145.931 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

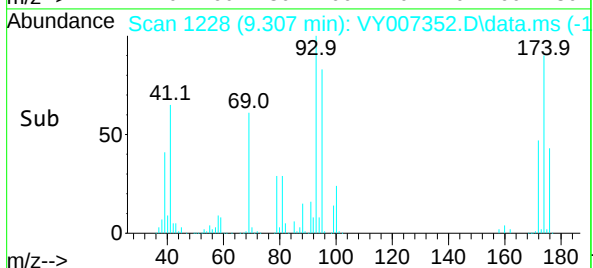
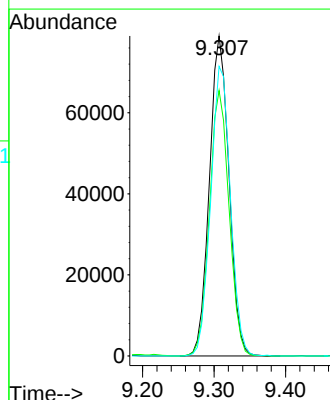
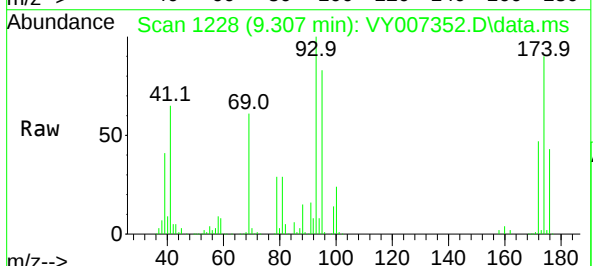
Tgt Ion: 93 Resp: 150166

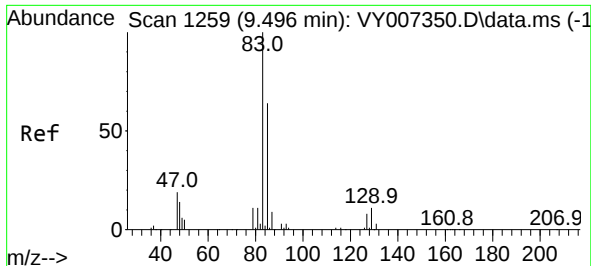
Ion Ratio Lower Upper

93 100

95 83.2 64.3 96.5

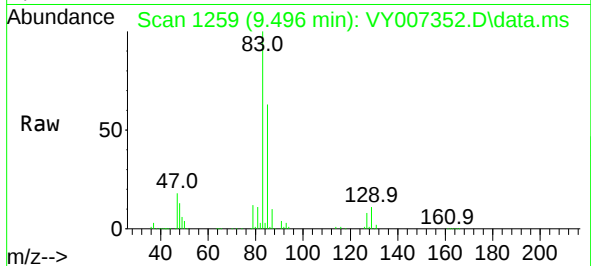
174 91.5 83.4 125.0





#47
Bromodichloromethane
Concen: 146.585 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

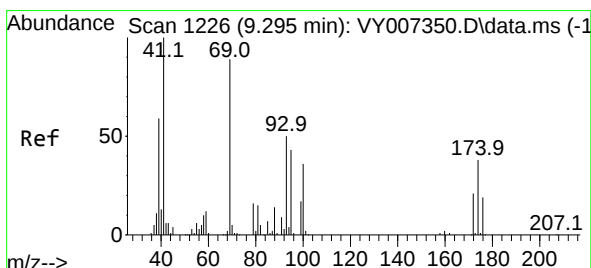
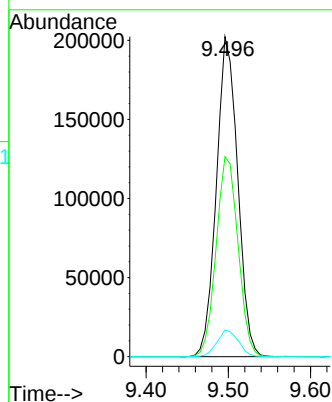
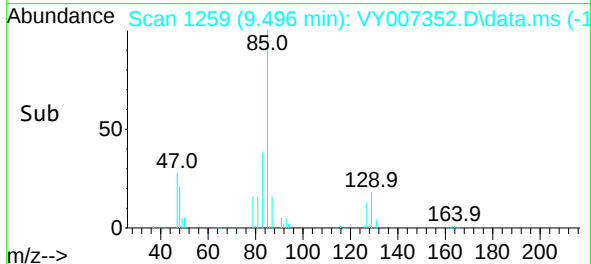
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



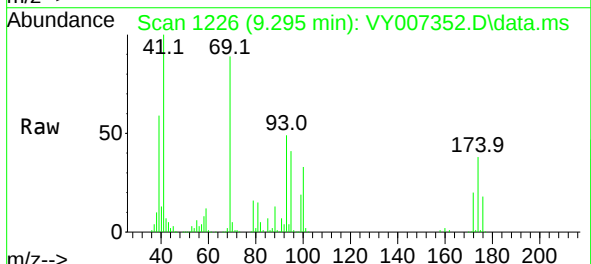
Tgt Ion: 83 Resp: 36475
Ion Ratio Lower Upper
83 100
85 62.5 51.9 77.9
127 8.4 6.6 10.0

Manual Integrations
APPROVED

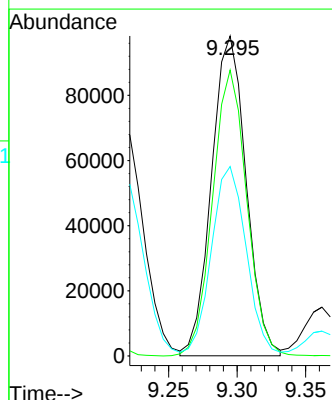
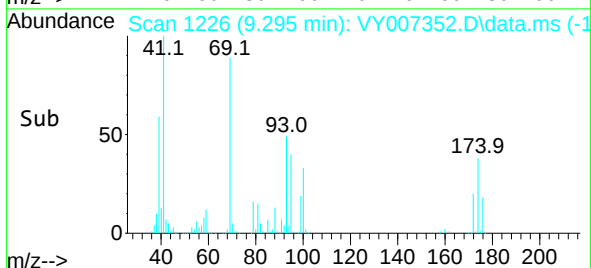
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

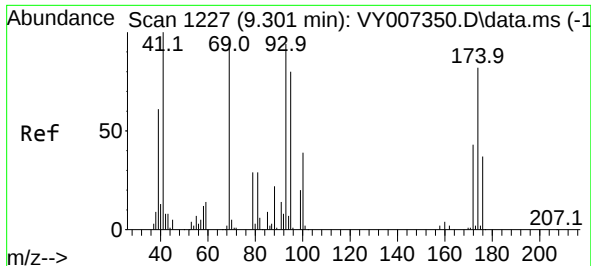


#48
Methyl methacrylate
Concen: 155.076 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09



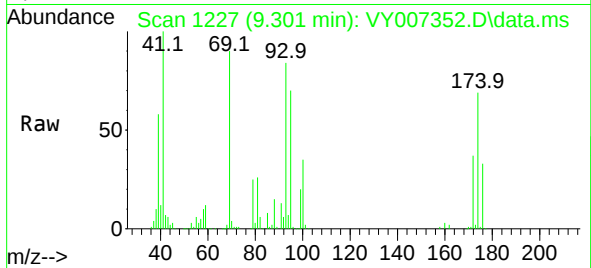
Tgt Ion: 41 Resp: 172547
Ion Ratio Lower Upper
41 100
69 88.3 58.2 87.2#
39 57.6 47.4 71.0





#49
1,4-Dioxane
Concen: 3348.978 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

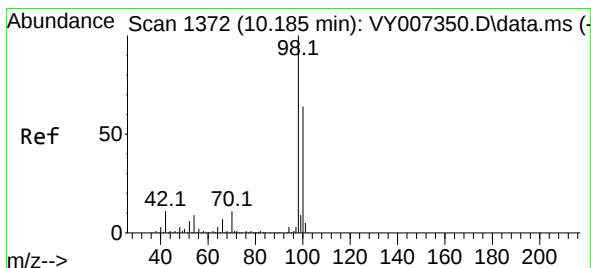
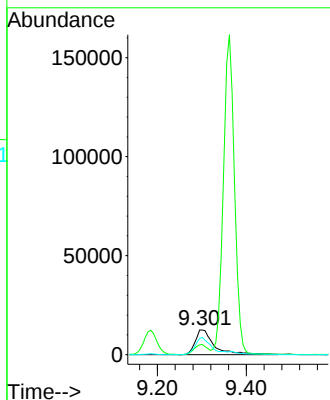
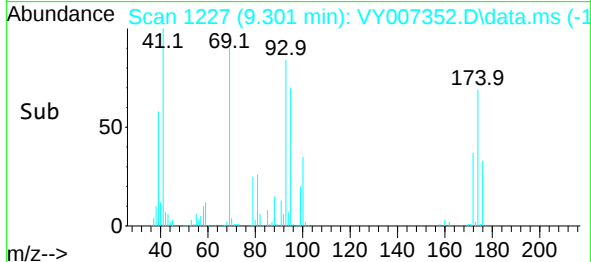
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 37749
Ion Ratio Lower Upper
88 100
43 28.3 32.8 49.2
58 57.9 59.8 89.6

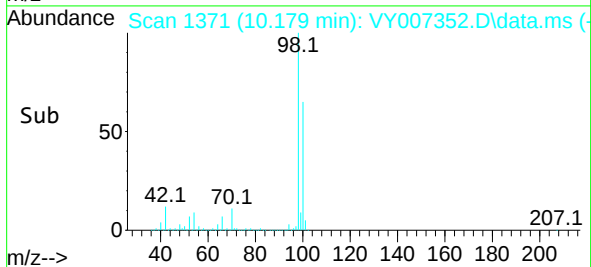
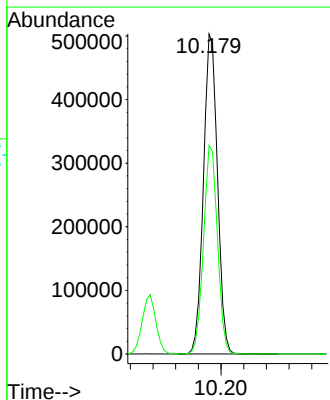
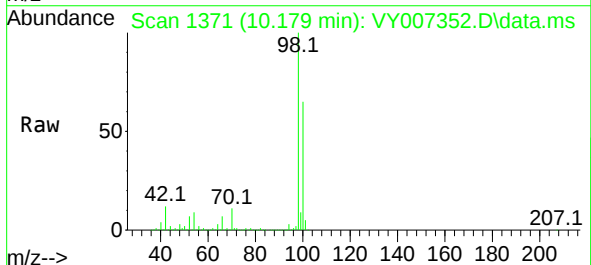
Manual Integrations
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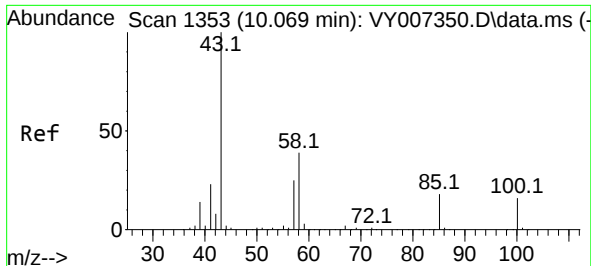
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#50
Toluene-d8
Concen: 154.403 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

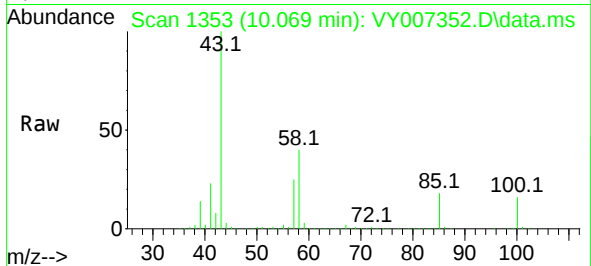
Tgt Ion: 98 Resp: 863459
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 766.751 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

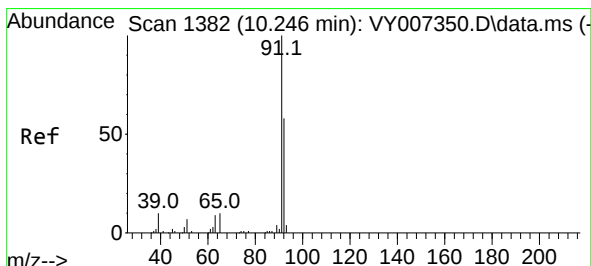
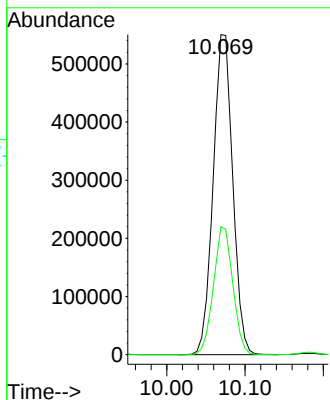
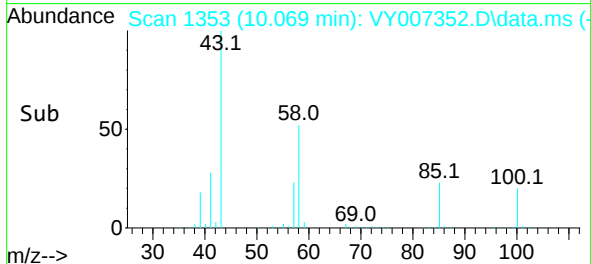
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



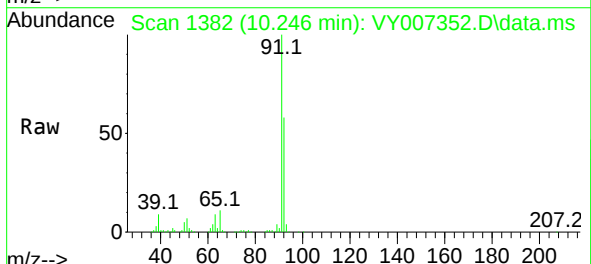
Tgt Ion: 43 Resp: 956750
Ion Ratio Lower Upper
43 100
58 39.5 28.1 42.1

Manual Integrations
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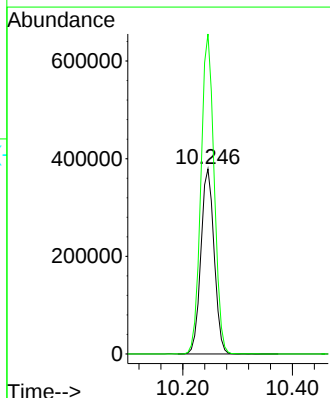
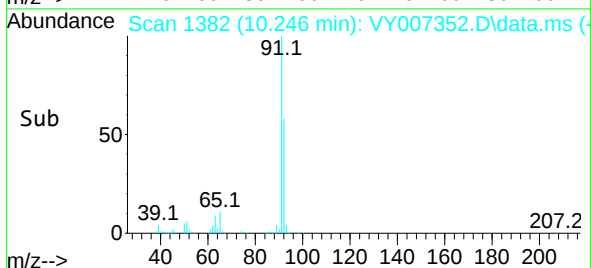
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

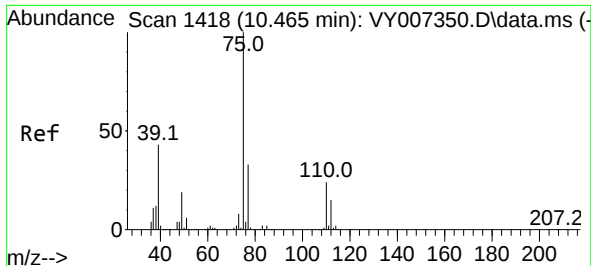


#52
Toluene
Concen: 143.490 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09



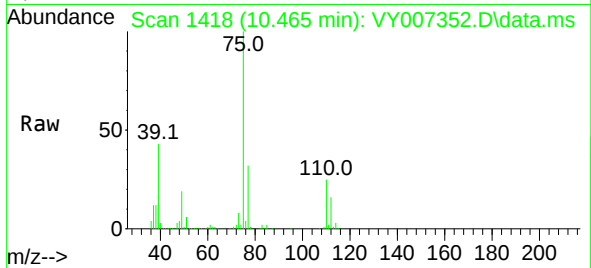
Tgt Ion: 92 Resp: 634145
Ion Ratio Lower Upper
92 100
91 172.9 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 149.130 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

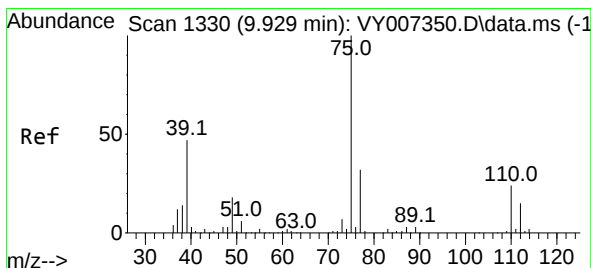
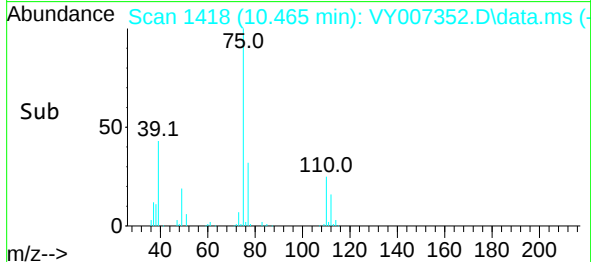
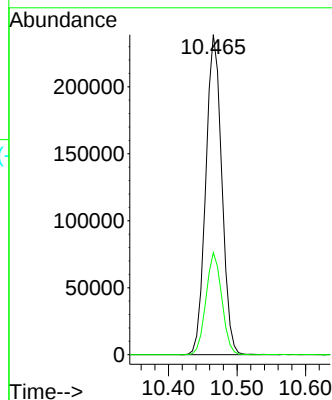
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 387674
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

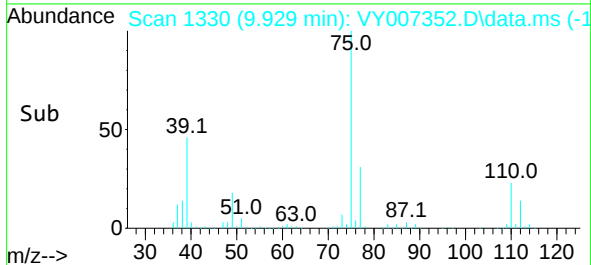
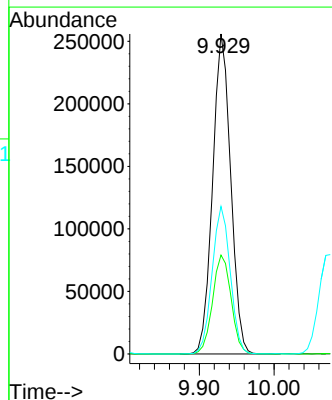
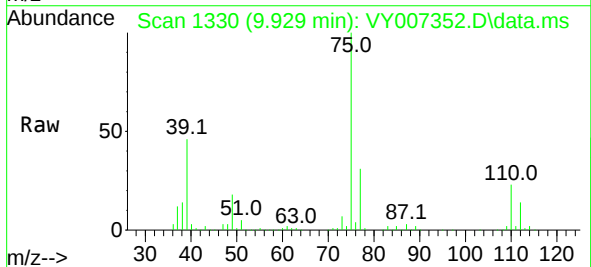
Manual Integrations
APPROVED

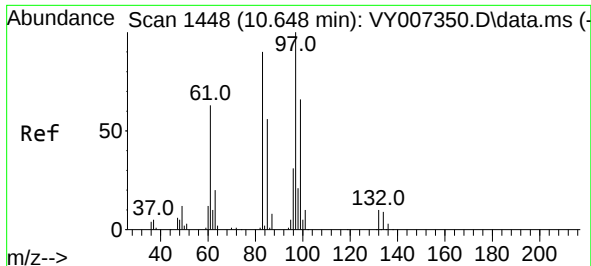
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#54
cis-1,3-Dichloropropene
Concen: 147.744 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

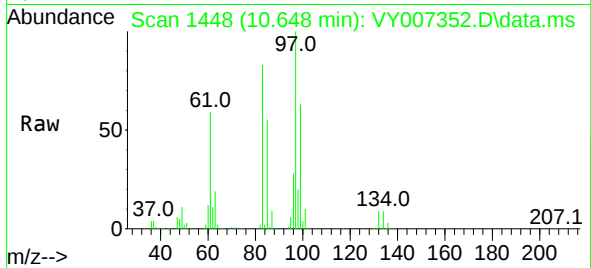
Tgt Ion: 75 Resp: 430186
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4
39 46.1 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 145.951 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

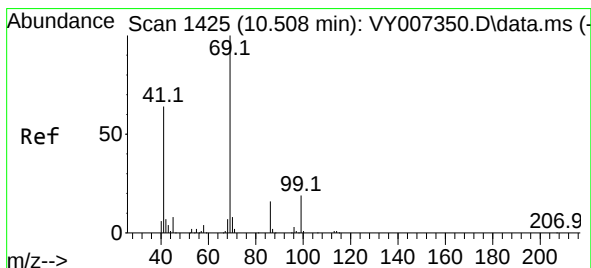
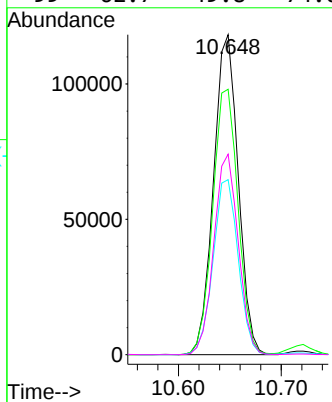
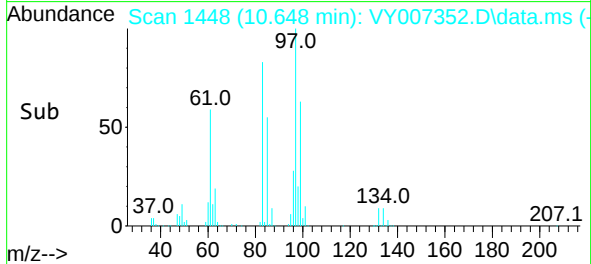
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



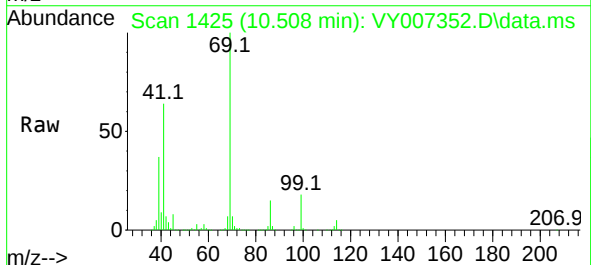
Tgt Ion:	97	Resp:	197249
Ion	Ratio	Lower	Upper
97	100		
83	82.9	69.8	104.8
85	54.7	44.3	66.5
99	62.7	49.8	74.6

Manual Integrations
APPROVED

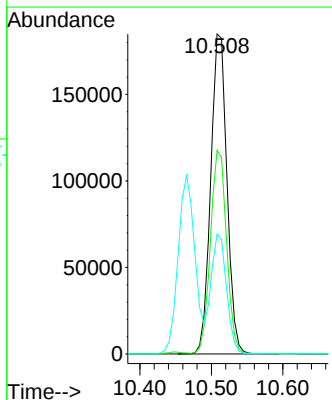
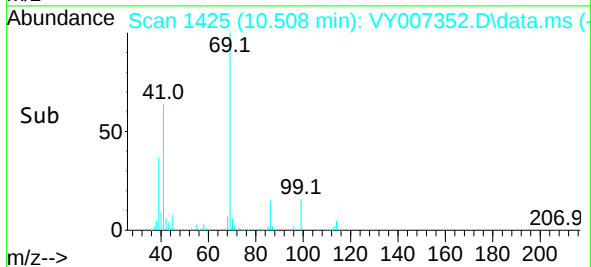
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

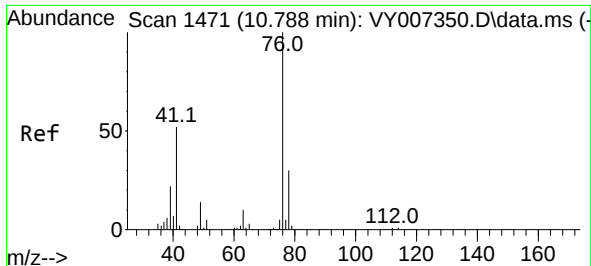


#56
Ethyl methacrylate
Concen: 155.099 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09



Tgt Ion:	69	Resp:	291140
Ion	Ratio	Lower	Upper
69	100		
41	63.3	63.4	95.0#
39	35.8	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 144.859 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 347108

Ion Ratio Lower Upper

76 100

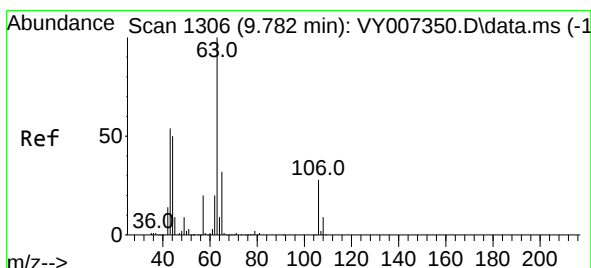
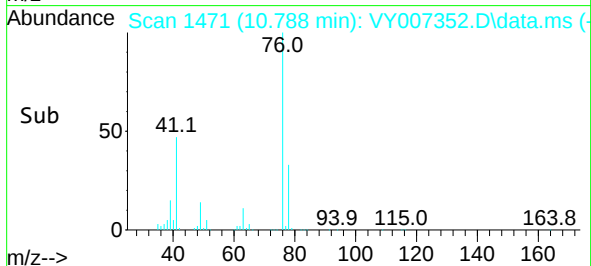
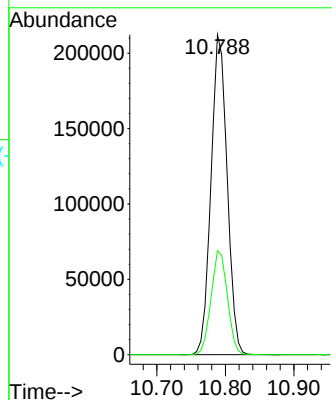
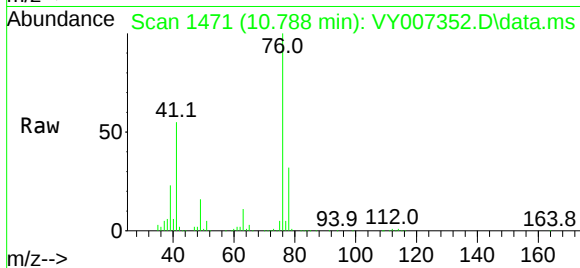
78 32.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 782.427 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007352.D

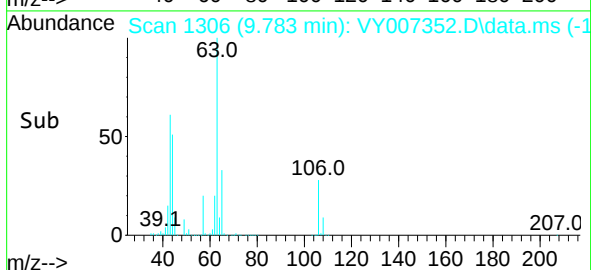
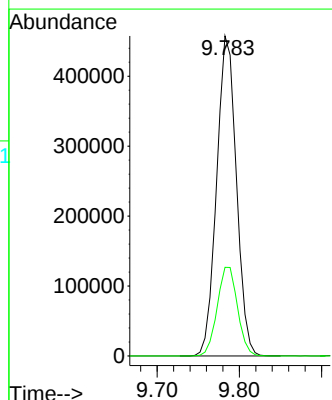
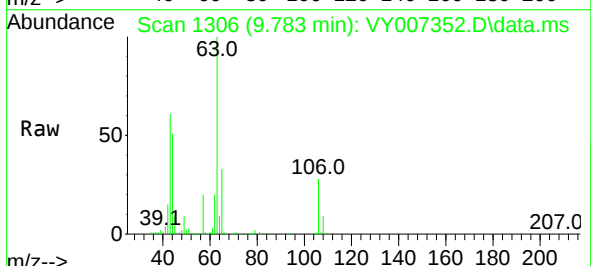
Acq: 02 Feb 2022 13:09

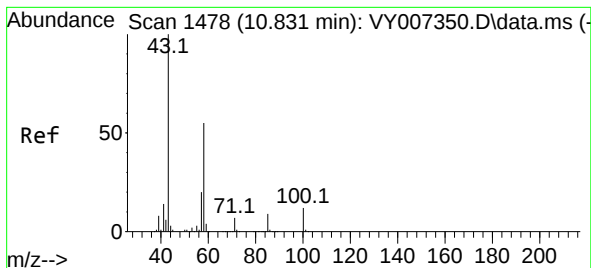
Tgt Ion: 63 Resp: 763997

Ion Ratio Lower Upper

63 100

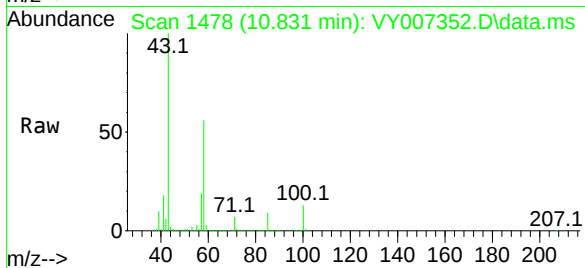
106 28.6 21.5 32.3





#59
2-Hexanone
Concen: 801.277 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

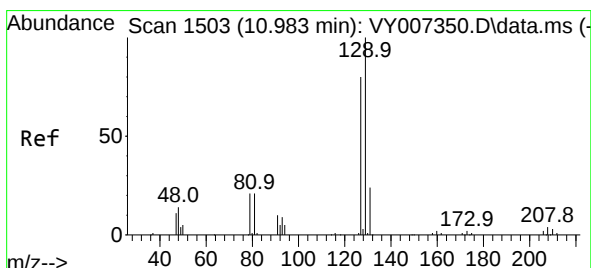
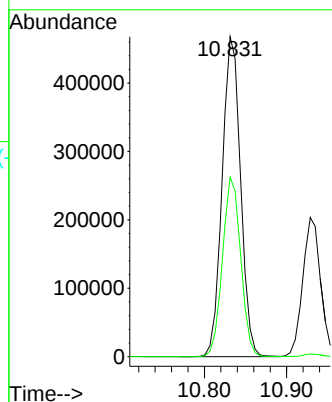
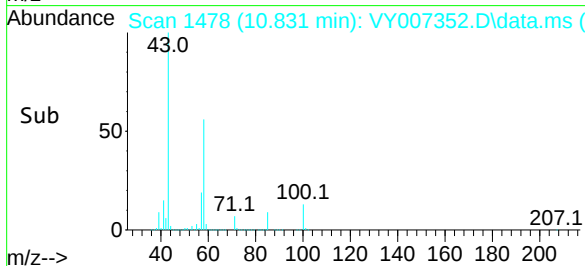
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



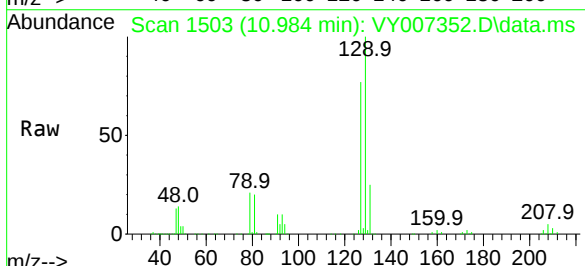
Tgt Ion: 43 Resp: 728919
Ion Ratio Lower Upper
43 100
58 55.4 24.4 73.4

Manual Integrations
APPROVED

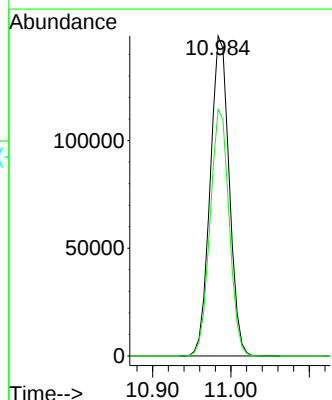
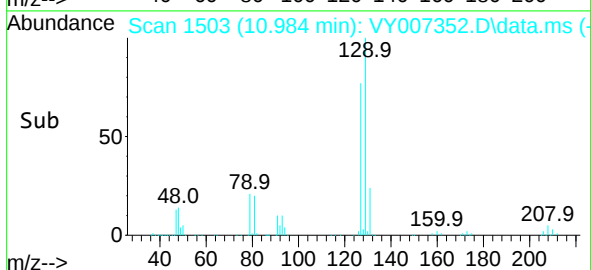
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

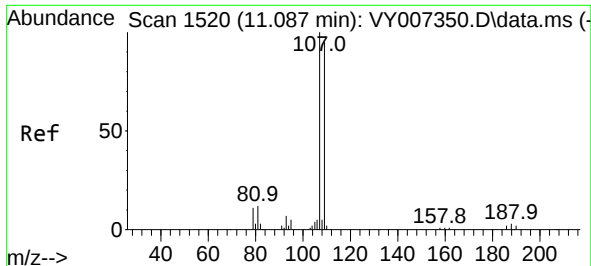


#60
Dibromochloromethane
Concen: 148.316 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09



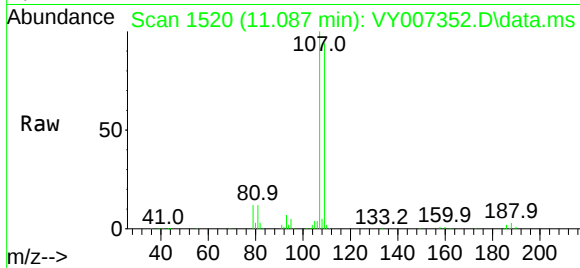
Tgt Ion:129 Resp: 249543
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61
1,2-Dibromoethane
Concen: 147.054 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

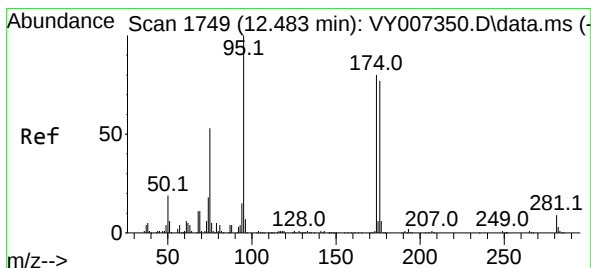
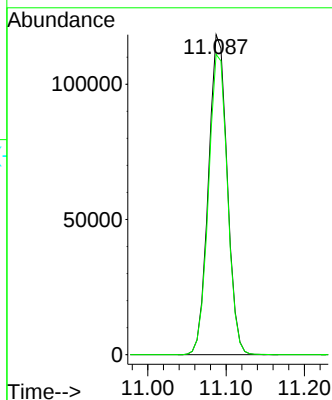
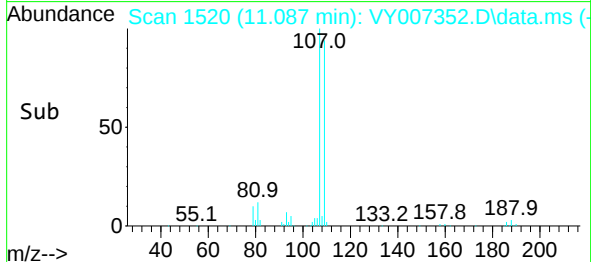
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



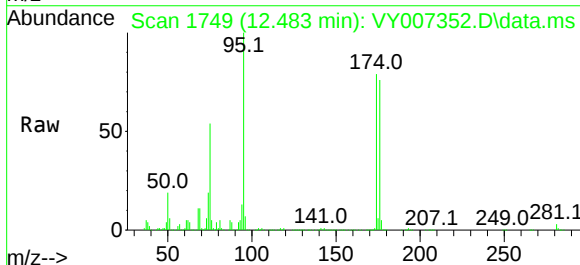
Tgt Ion:107 Resp: 19662
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2

Manual Integrations
APPROVED

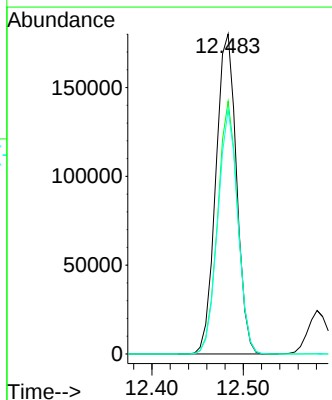
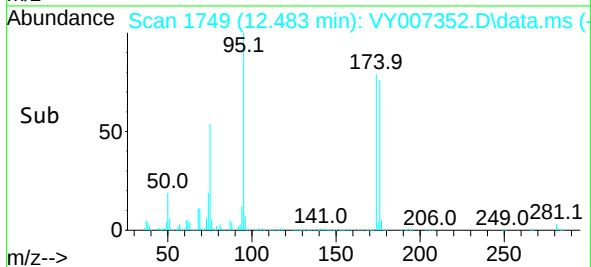
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

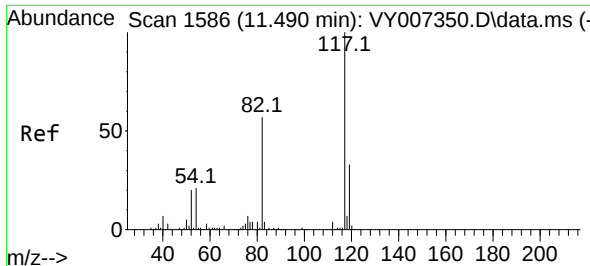


#62
4-Bromofluorobenzene
Concen: 148.958 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09



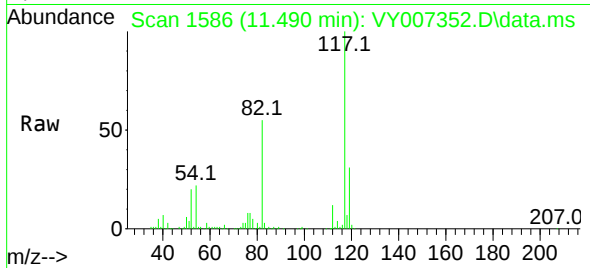
Tgt Ion: 95 Resp: 283131
Ion Ratio Lower Upper
95 100
174 76.5 0.0 177.0
176 74.1 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

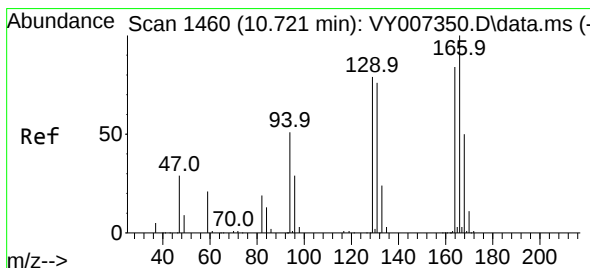
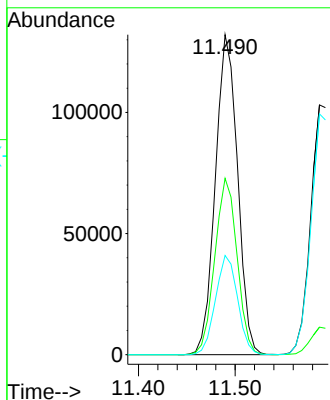
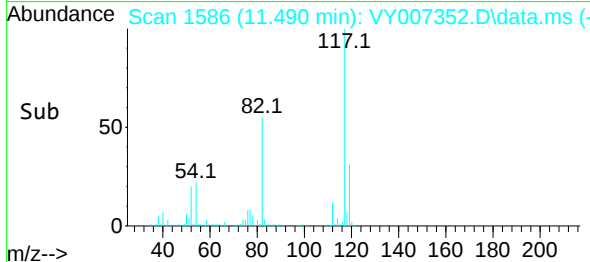
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



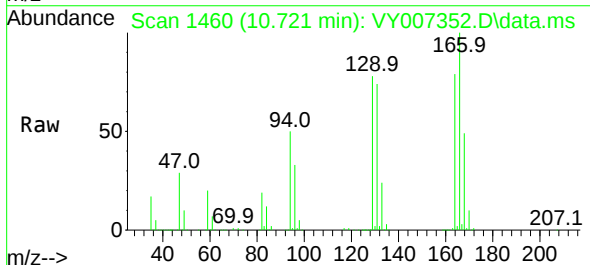
Tgt Ion:117 Resp: 210485
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 31.0 25.4 38.0

Manual Integrations
APPROVED

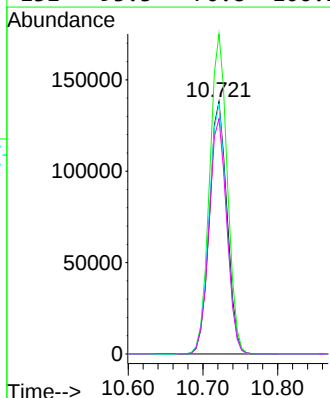
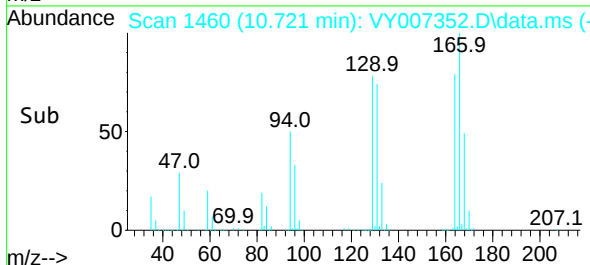
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

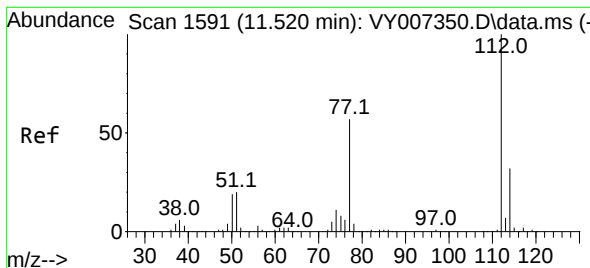


#64
Tetrachloroethene
Concen: 136.172 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09



Tgt Ion:164 Resp: 224935
Ion Ratio Lower Upper
164 100
166 126.8 100.4 150.6
129 99.1 71.4 107.0
131 93.3 70.8 106.2





#65

Chlorobenzene

Concen: 141.120 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:112 Resp: 66077

Ion Ratio Lower Upper

112 100

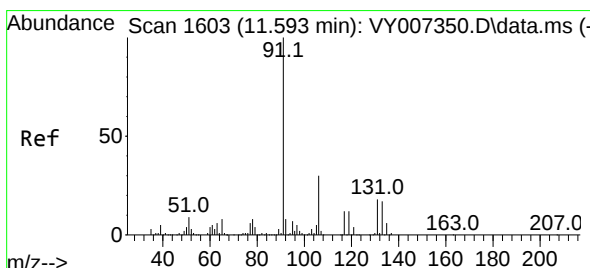
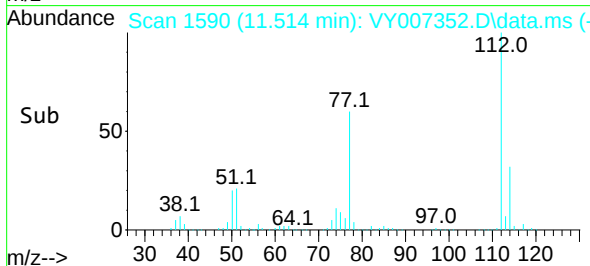
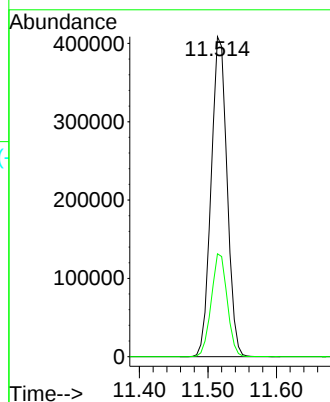
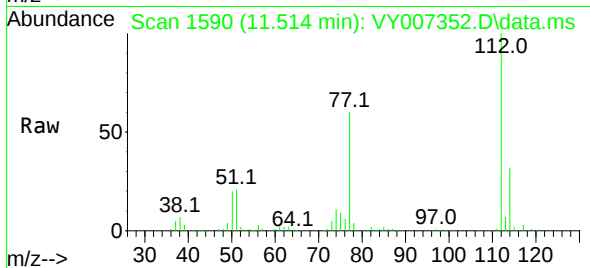
114 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#66

1,1,1,2-Tetrachloroethane

Concen: 143.158 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

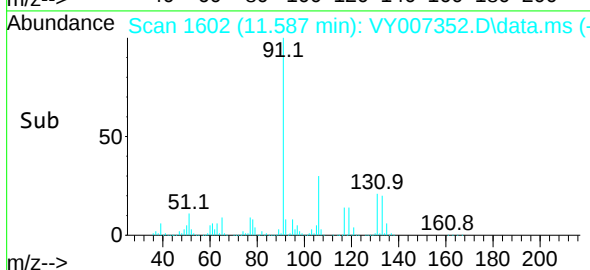
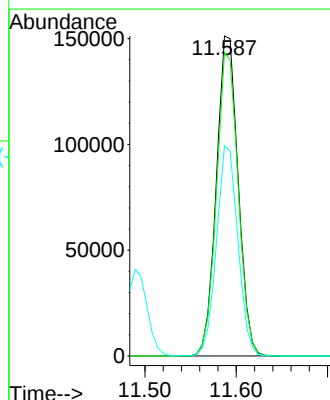
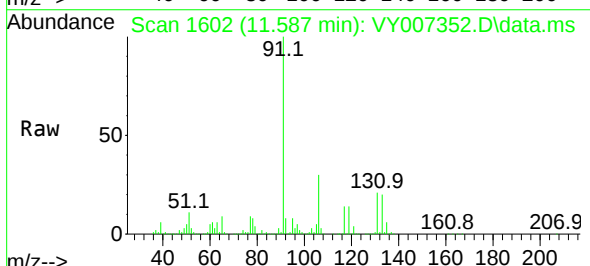
Tgt Ion:131 Resp: 250233

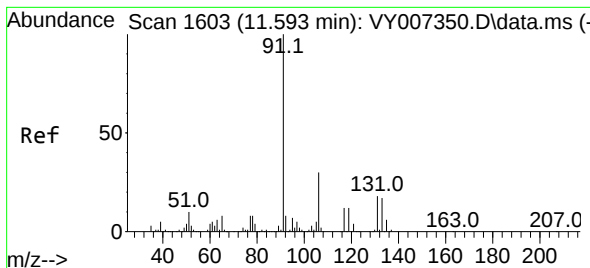
Ion Ratio Lower Upper

131 100

133 94.2 47.9 143.6

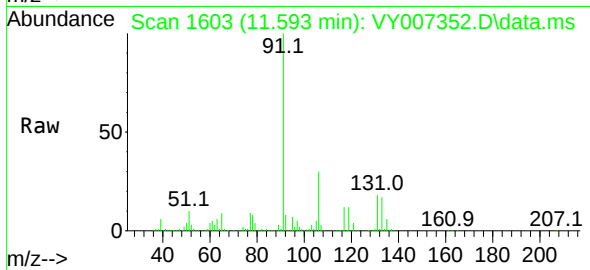
119 64.5 30.8 92.3





#67
Ethyl Benzene
Concen: 142.111 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

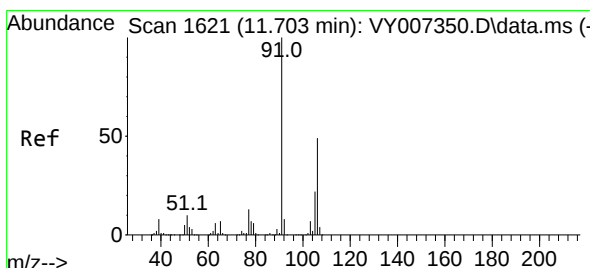
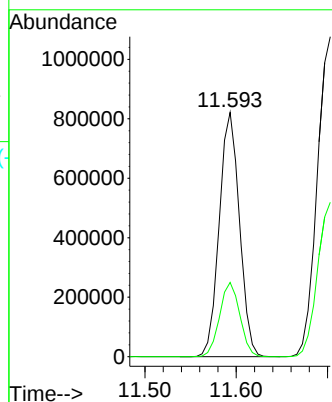
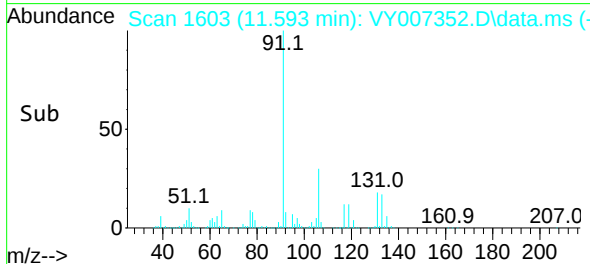
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 1262708
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7

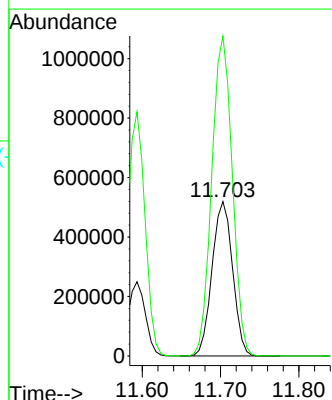
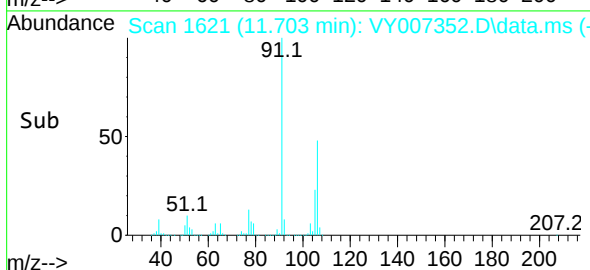
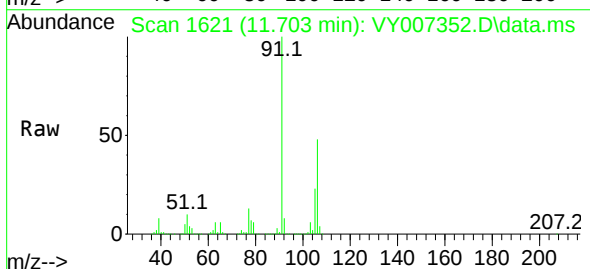
Manual Integrations
APPROVED

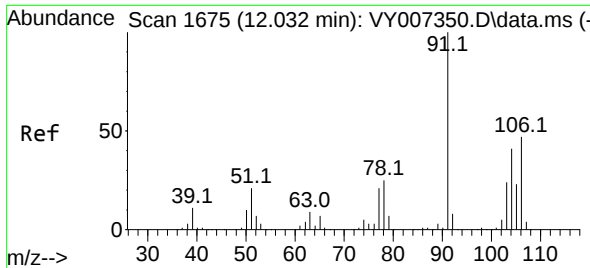
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#68
m/p-Xylenes
Concen: 286.926 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

Tgt Ion:106 Resp: 944244
Ion Ratio Lower Upper
106 100
91 207.4 166.6 249.8





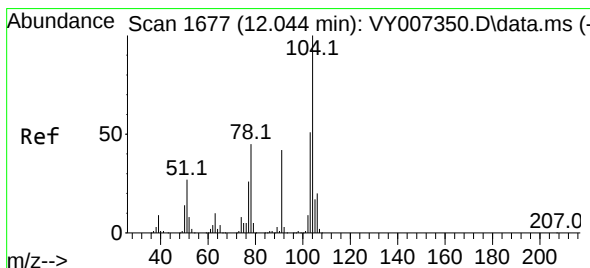
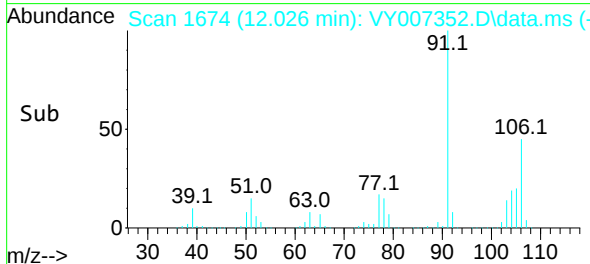
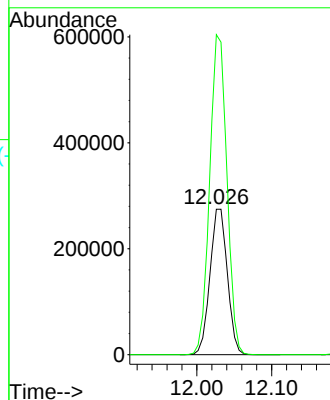
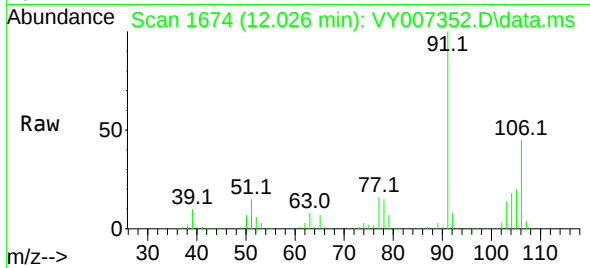
#69
o-Xylene
Concen: 142.904 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 444630
Ion Ratio Lower Upper
106 100
91 217.8 110.3 331.0

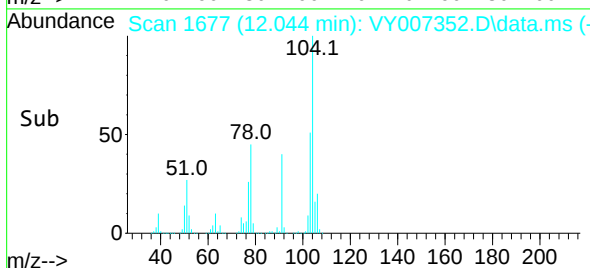
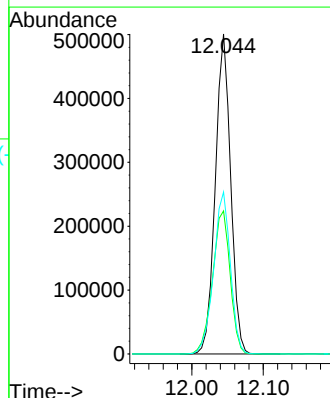
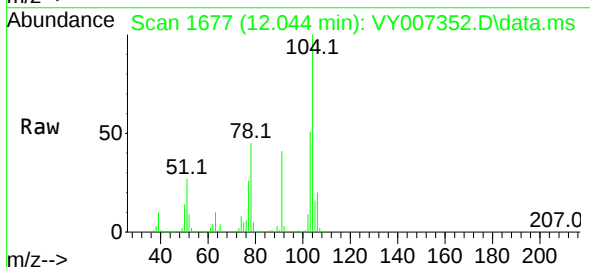
Manual Integrations
APPROVED

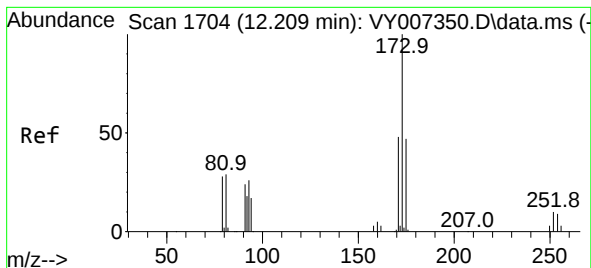
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#70
Styrene
Concen: 145.468 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

Tgt Ion:104 Resp: 746117
Ion Ratio Lower Upper
104 100
78 51.4 42.4 63.6
103 55.2 44.4 66.6





#71

Bromoform

Concen: 146.857 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 141629

Ion Ratio Lower Upper

173 100

175 48.7 24.6 74.0

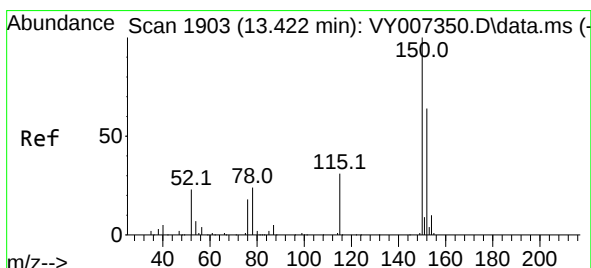
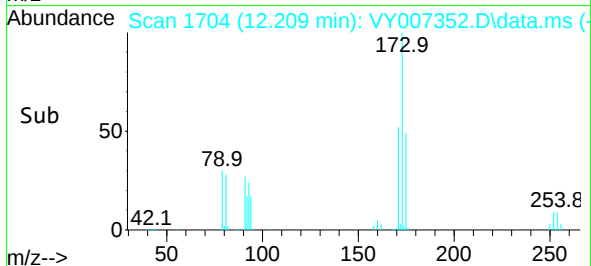
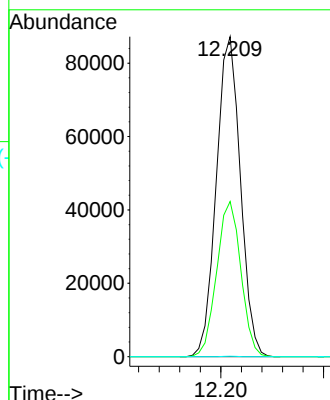
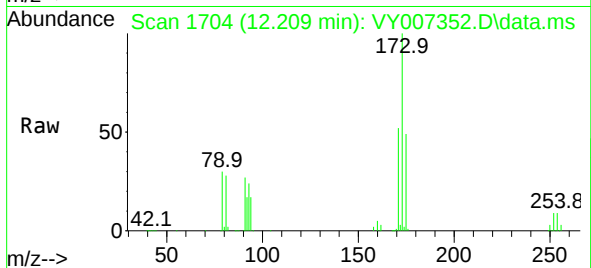
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

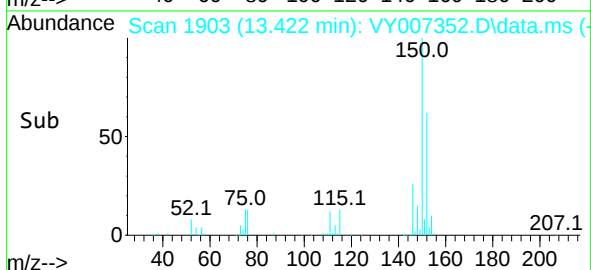
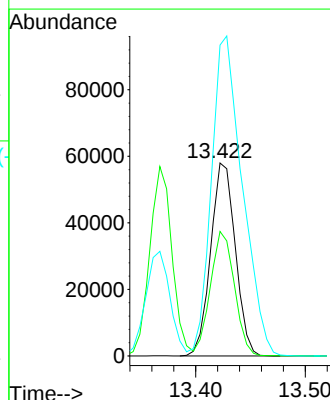
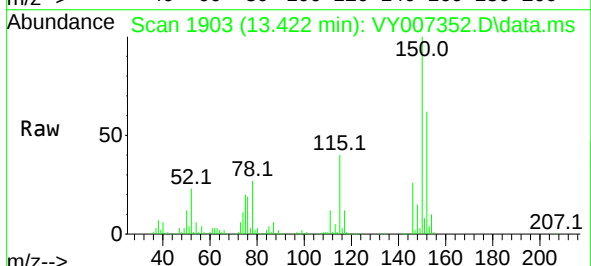
Tgt Ion:152 Resp: 90591

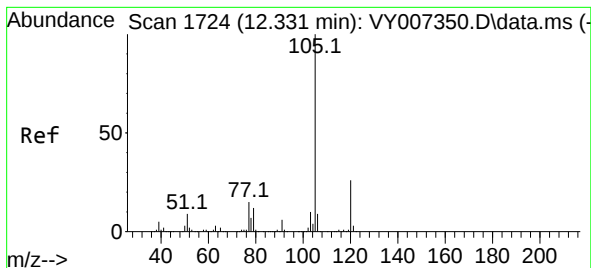
Ion Ratio Lower Upper

152 100

115 62.8 28.2 84.7

150 208.6 0.0 347.6





#73

Isopropylbenzene

Concen: 142.008 ug/l

RT: 12.331 min Scan# 1175720

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 1175720

Ion Ratio Lower Upper

105 100

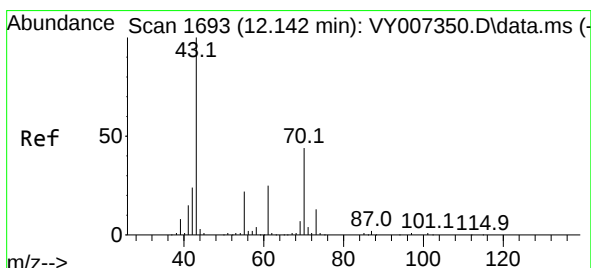
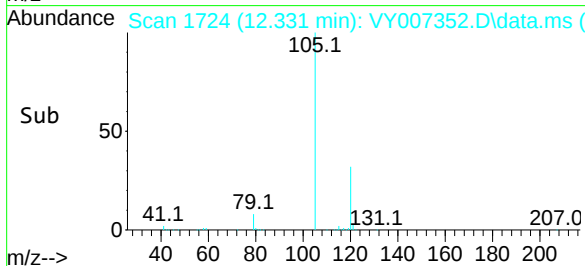
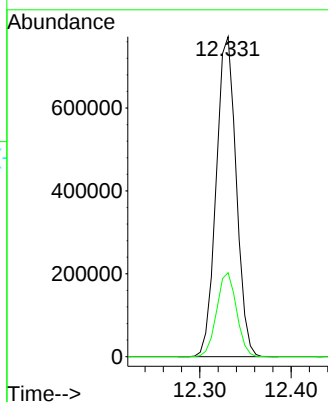
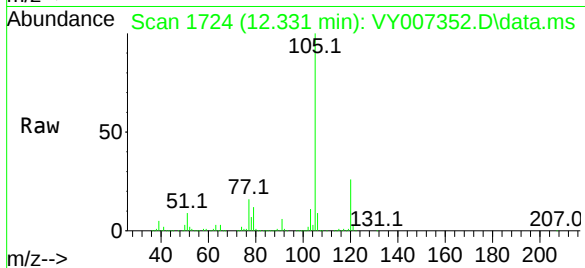
120 26.0 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#74

N-ethyl acetate

Concen: 155.469 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Tgt Ion: 43 Resp: 318611

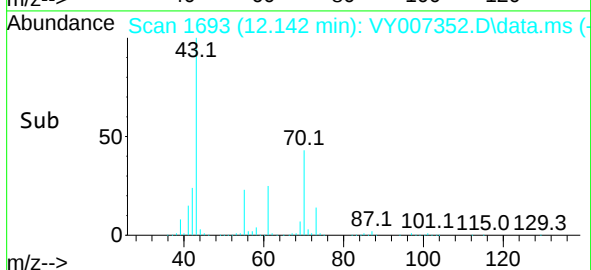
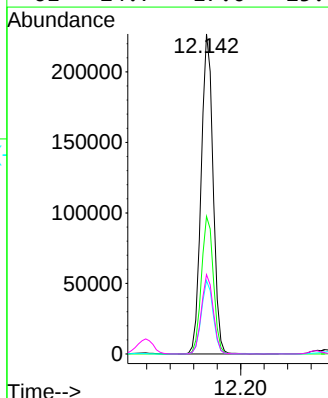
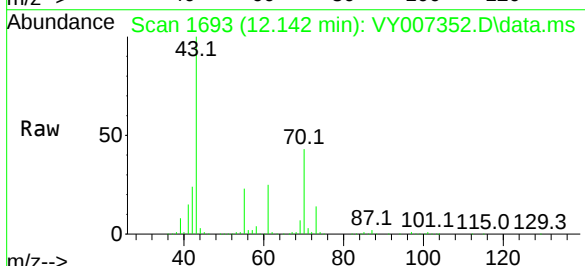
Ion Ratio Lower Upper

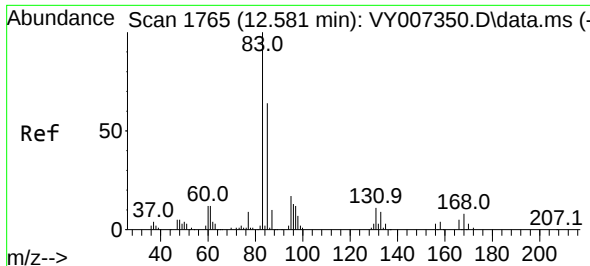
43 100

70 43.3 28.7 43.1#

55 22.8 17.3 25.9

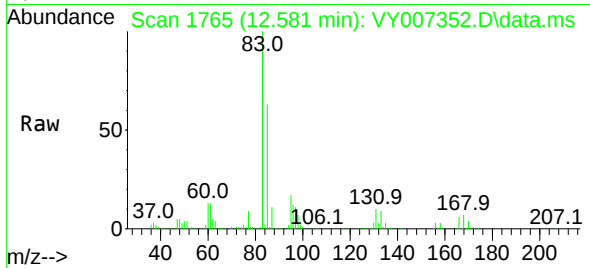
61 24.7 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 146.161 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

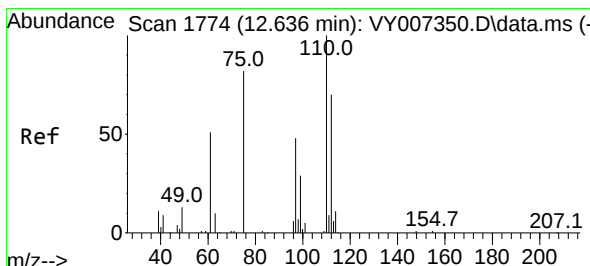
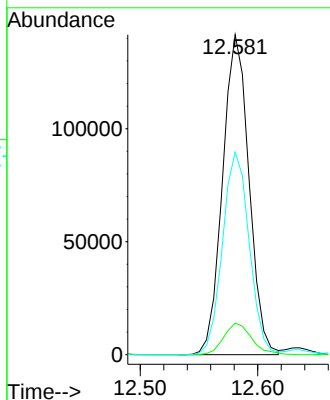
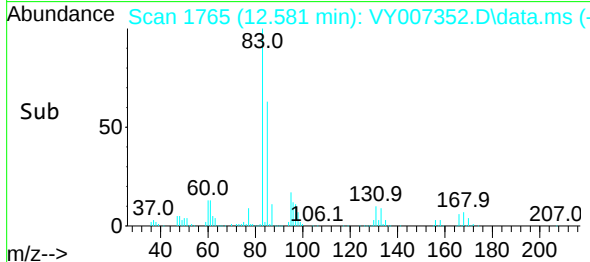
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



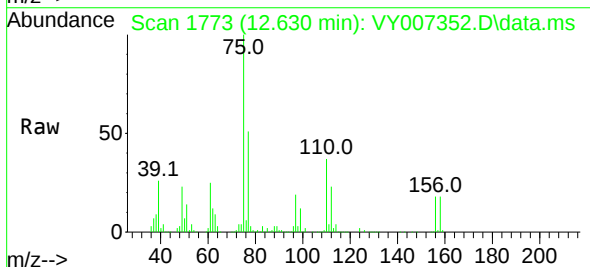
Tgt Ion: 83 Resp: 220989
Ion Ratio Lower Upper
83 100
131 10.4 5.6 16.8
85 64.0 32.3 96.8

Manual Integrations
APPROVED

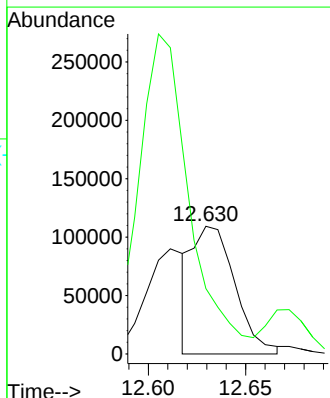
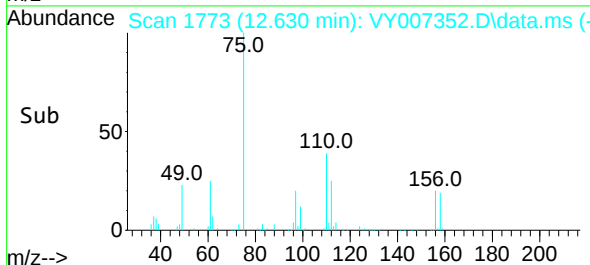
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

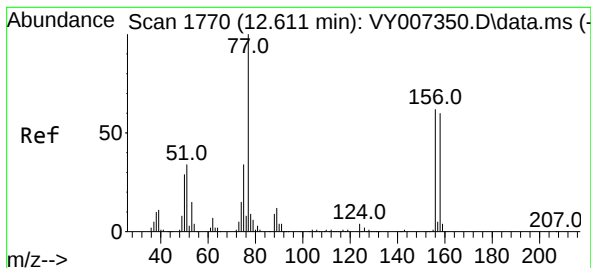


#76
1,2,3-Trichloropropane
Concen: 152.144 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09



Tgt Ion: 75 Resp: 166041
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 144.796 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

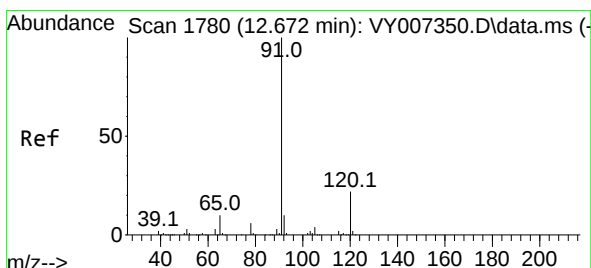
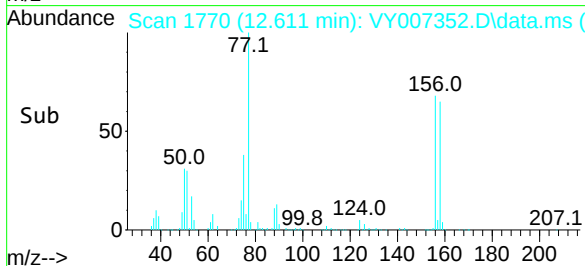
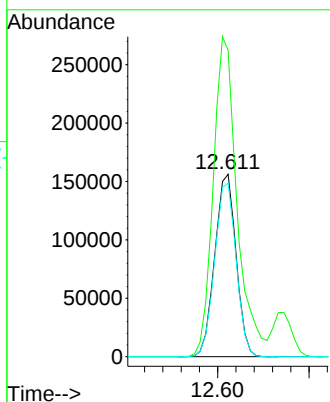
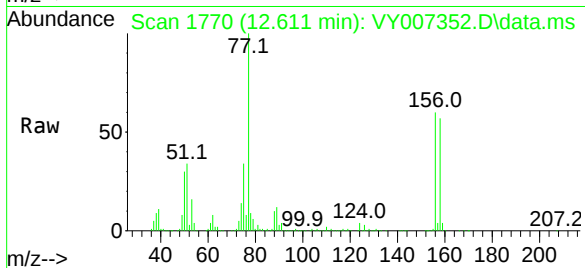
Tgt Ion:	156	Resp:	25252
Ion Ratio	Lower	Upper	
156	100		
77	196.6	95.5	286.4
158	95.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#78

n-propylbenzene

Concen: 142.709 ug/l

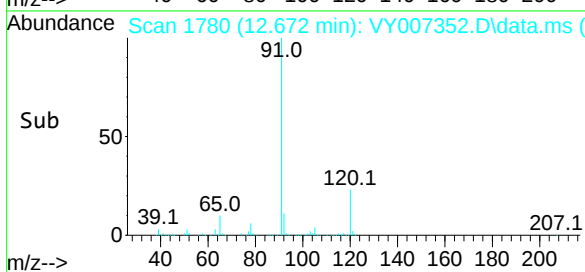
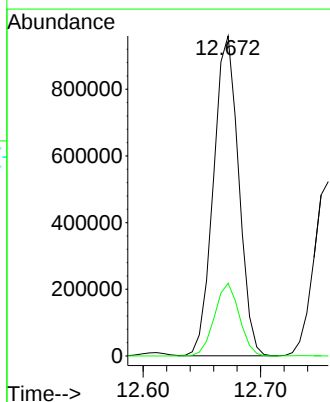
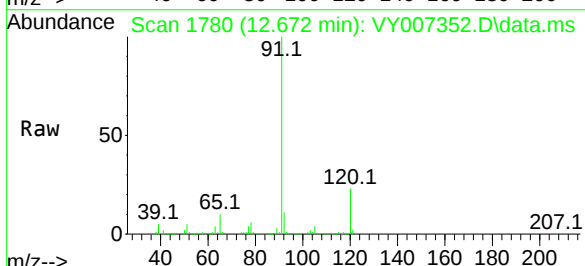
RT: 12.672 min Scan# 1780

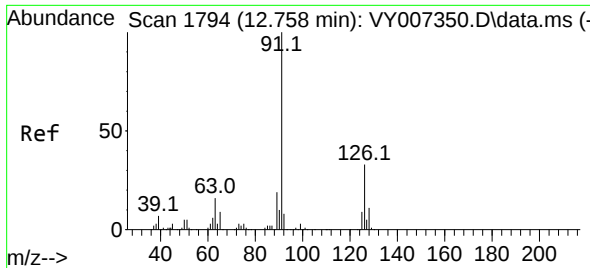
Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Tgt Ion:	91	Resp:	1431115
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.3	33.9





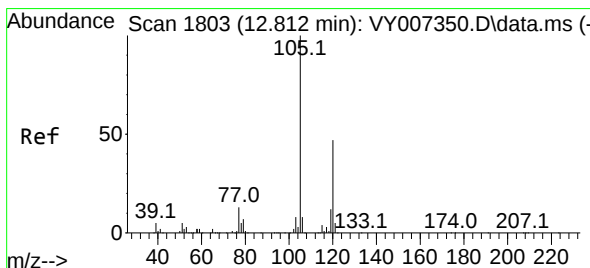
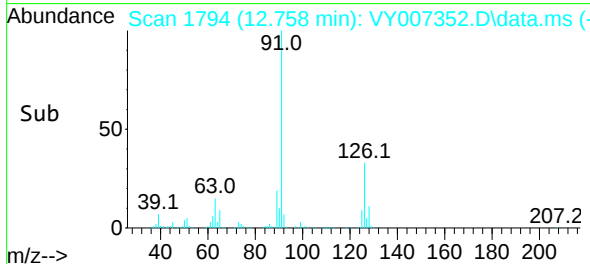
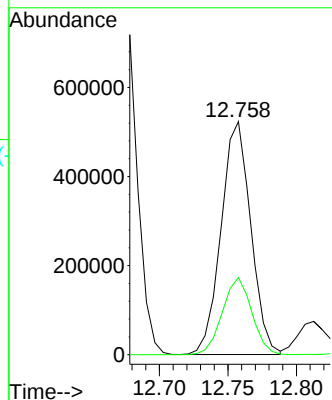
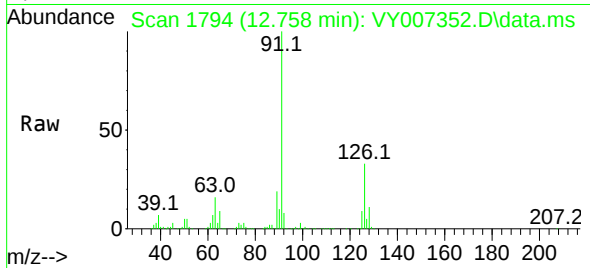
#79
2-Chlorotoluene
Concen: 142.282 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 789990
Ion Ratio Lower Upper
91 100
126 32.7 16.9 50.6

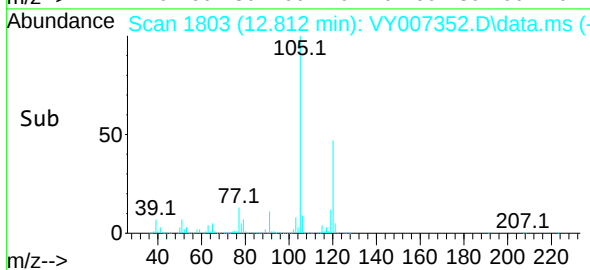
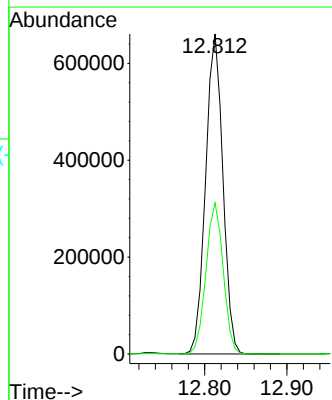
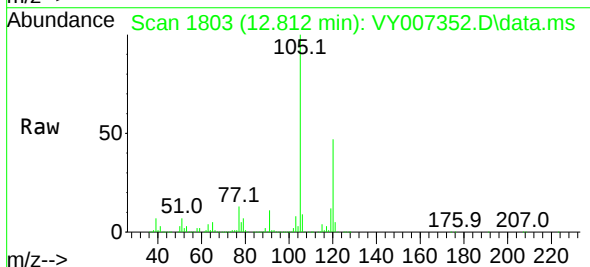
Manual Integrations
APPROVED

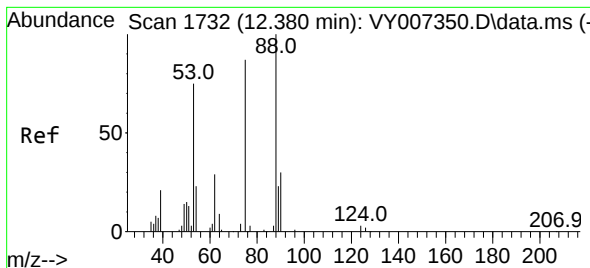
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 142.377 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

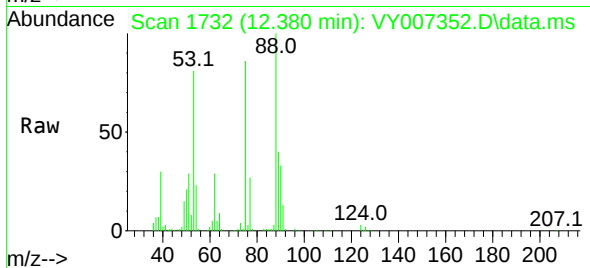
Tgt Ion:105 Resp: 961632
Ion Ratio Lower Upper
105 100
120 47.2 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 152.465 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

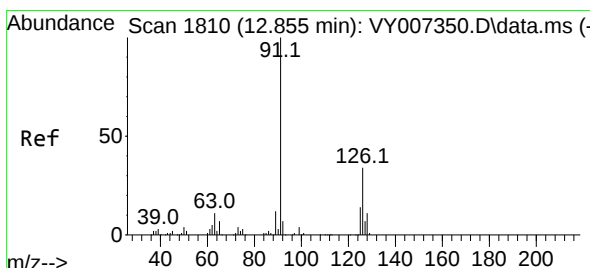
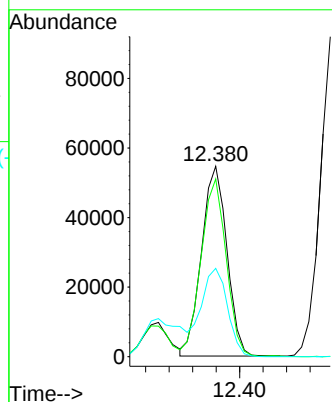
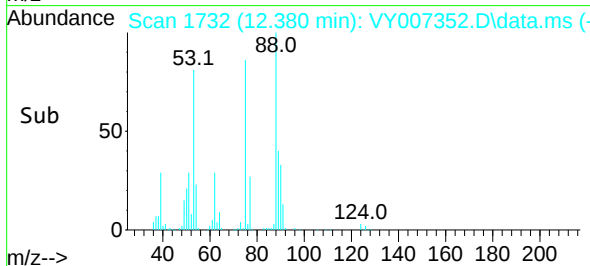
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 81959
Ion Ratio Lower Upper
75 100
53 92.0 85.3 127.9
89 48.7 37.0 55.4

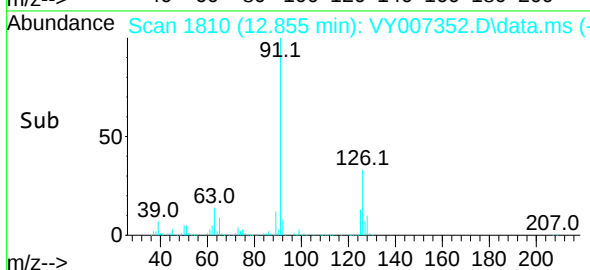
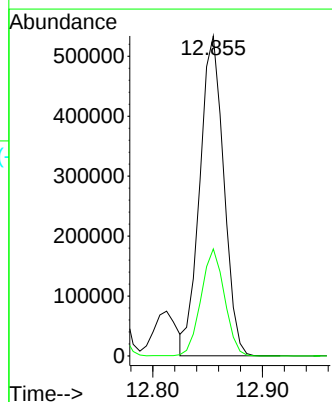
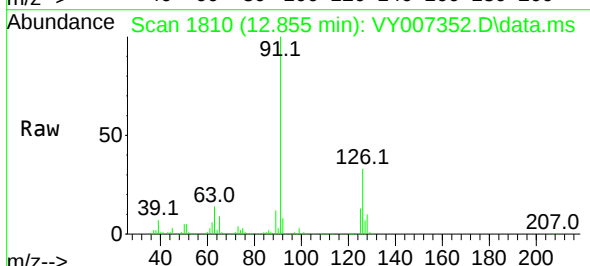
Manual Integrations
APPROVED

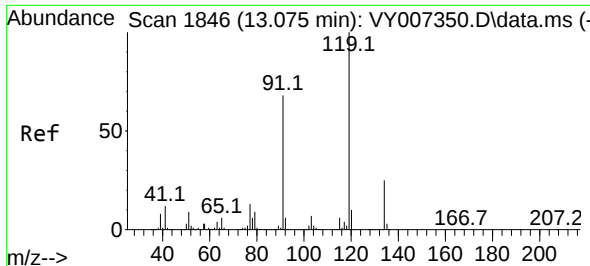
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#82
4-Chlorotoluene
Concen: 142.143 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

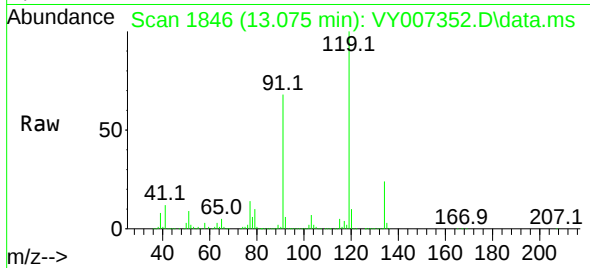
Tgt Ion: 91 Resp: 810589
Ion Ratio Lower Upper
91 100
126 32.8 17.0 51.0





#83
tert-Butylbenzene
Concen: 140.274 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

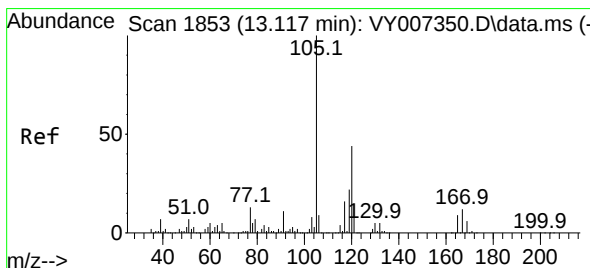
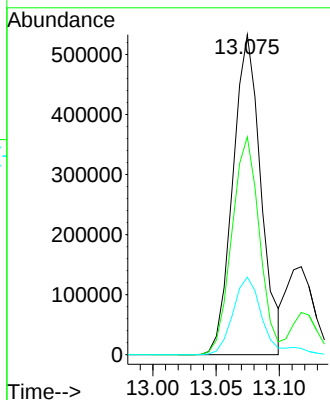
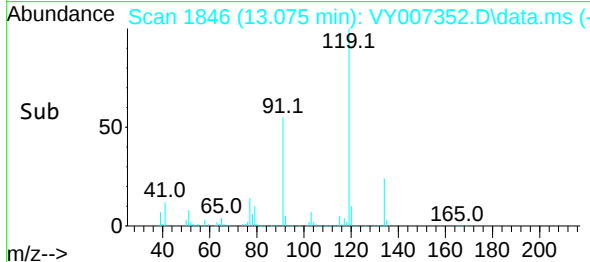
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



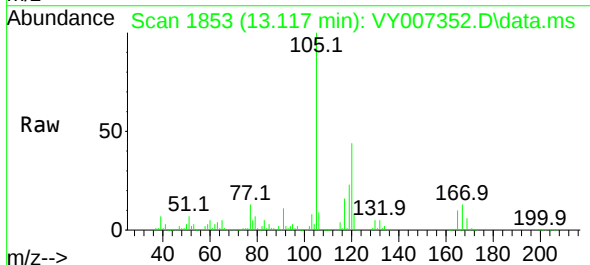
Tgt Ion:119 Resp: 824779
Ion Ratio Lower Upper
119 100
91 66.8 34.8 104.4
134 25.7 13.3 39.9

Manual Integrations
APPROVED

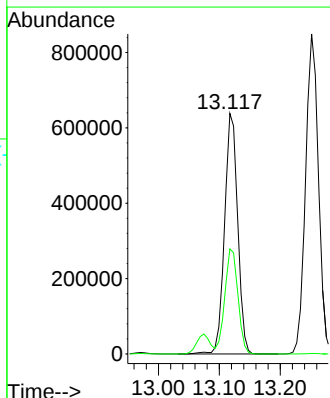
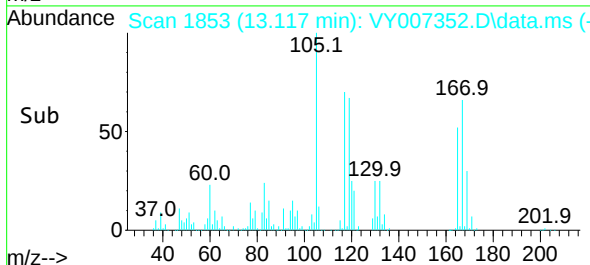
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

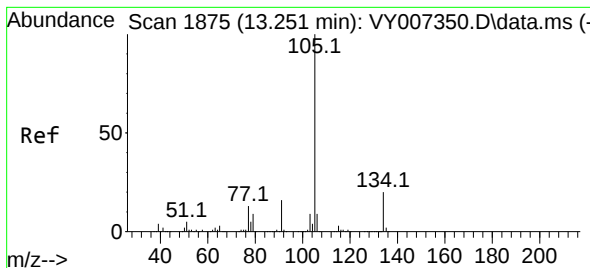


#84
1,2,4-Trimethylbenzene
Concen: 143.506 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09



Tgt Ion:105 Resp: 954329
Ion Ratio Lower Upper
105 100
120 43.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 140.901 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:105 Resp: 1242639

Ion Ratio Lower Upper

105 100

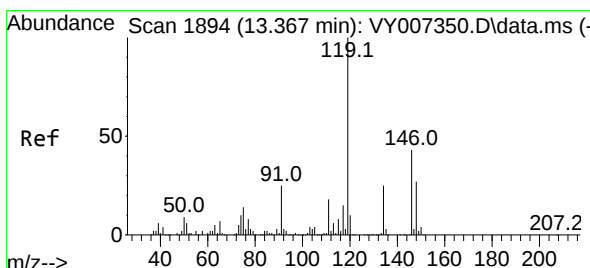
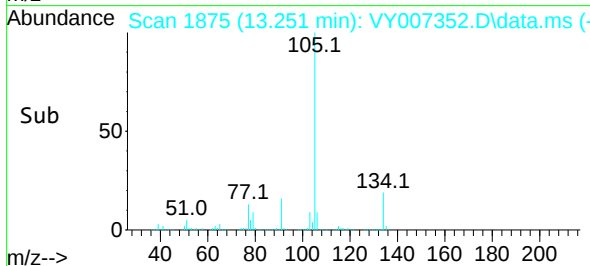
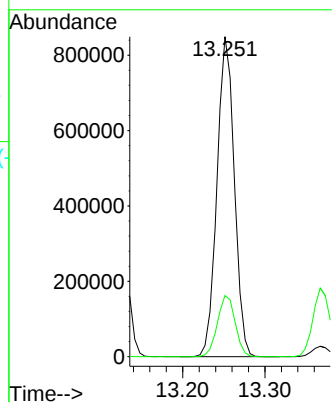
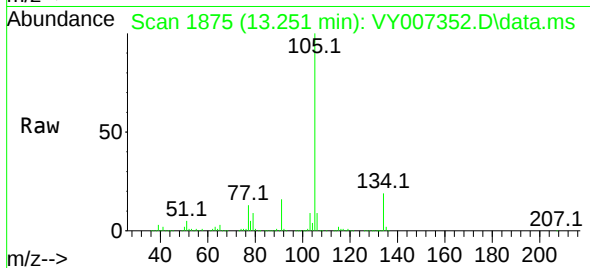
134 19.6 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#86

p-Isopropyltoluene

Concen: 142.303 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

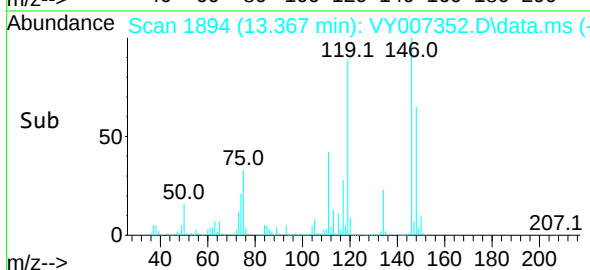
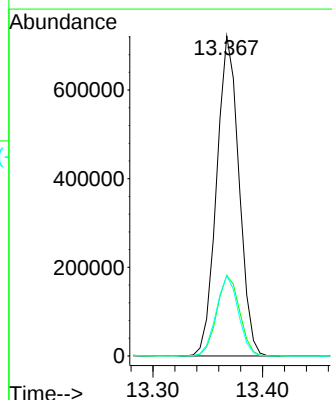
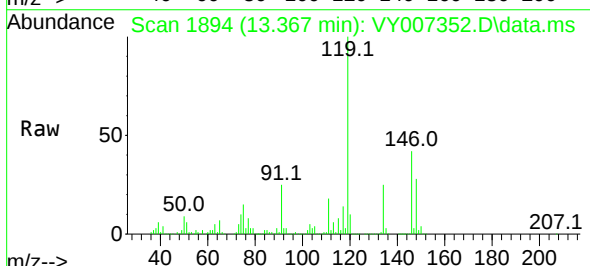
Tgt Ion:119 Resp: 1022351

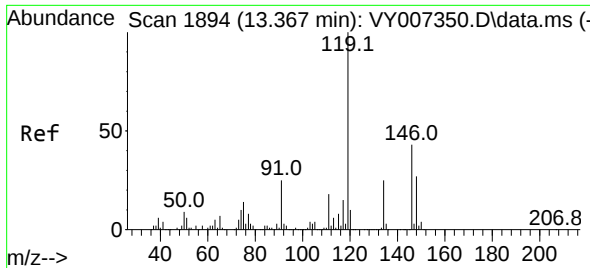
Ion Ratio Lower Upper

119 100

134 25.6 13.2 39.5

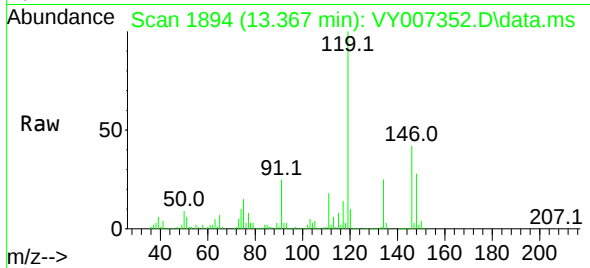
91 24.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 143.243 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

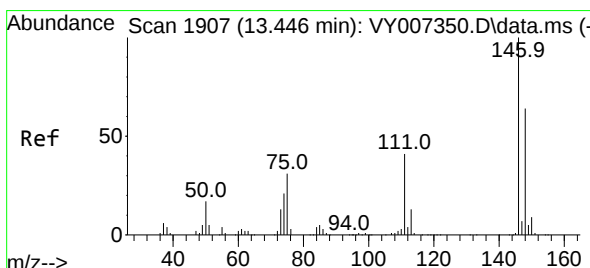
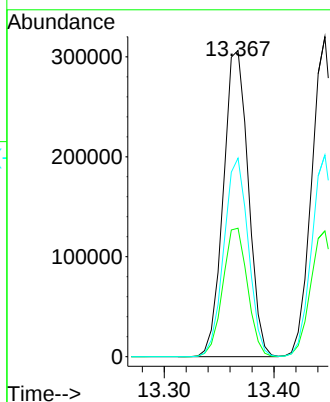
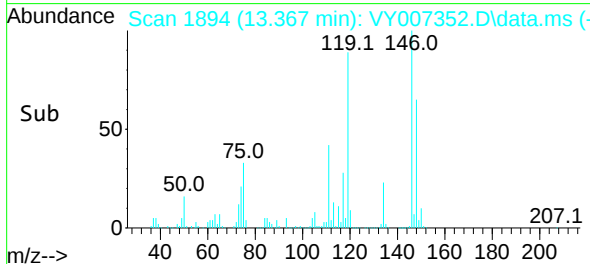
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



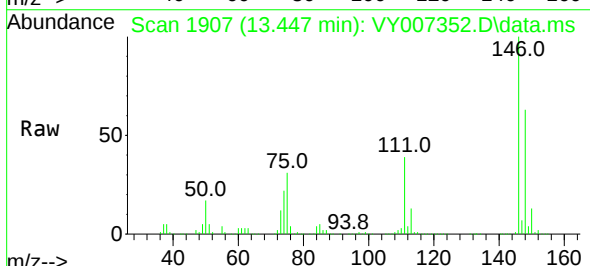
Tgt Ion:146 Resp: 484354
Ion Ratio Lower Upper
146 100
111 41.5 19.5 58.5
148 63.5 31.6 95.0

Manual Integrations
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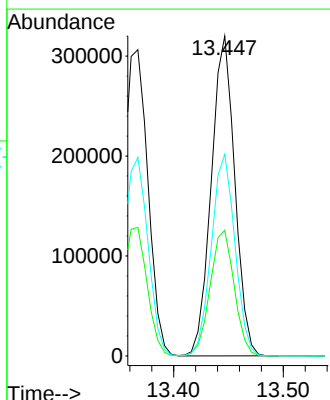
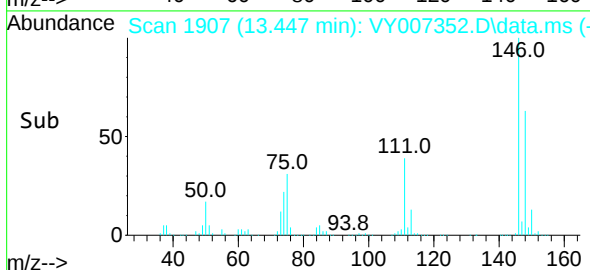
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022

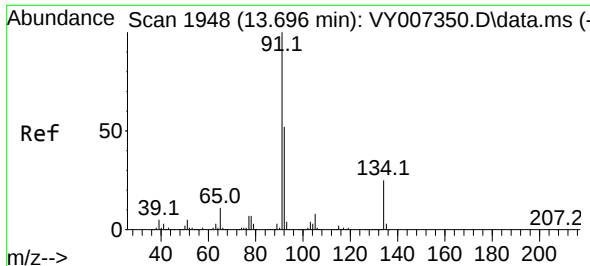


#88
1,4-Dichlorobenzene
Concen: 141.593 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09



Tgt Ion:146 Resp: 477257
Ion Ratio Lower Upper
146 100
111 40.2 19.3 57.8
148 63.5 32.6 97.8





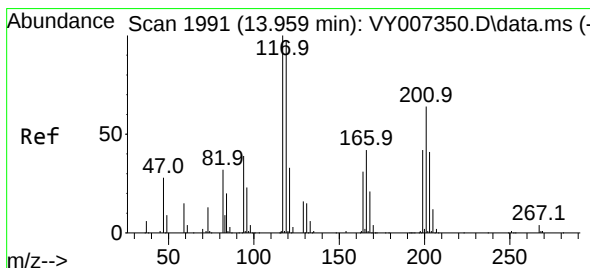
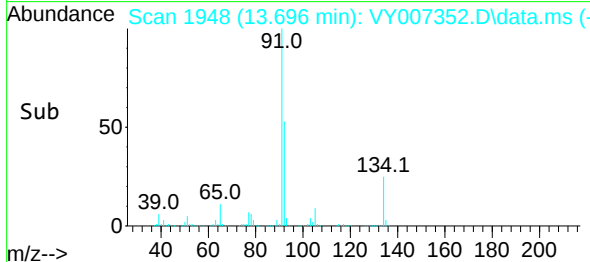
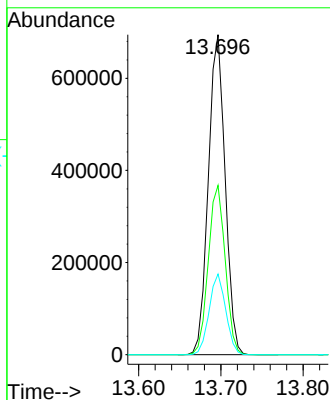
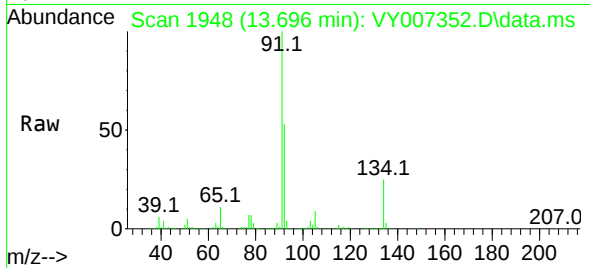
#89
n-Butylbenzene
Concen: 142.695 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 986704
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.9
134 24.9 13.0 38.9

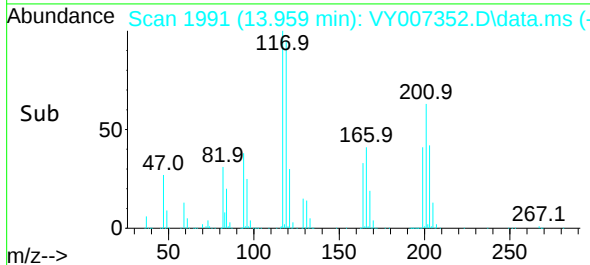
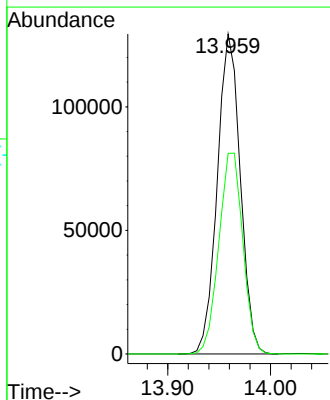
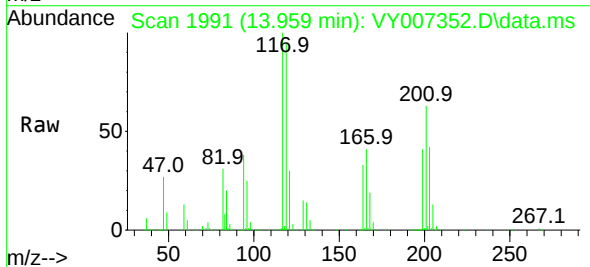
Manual Integrations
APPROVED

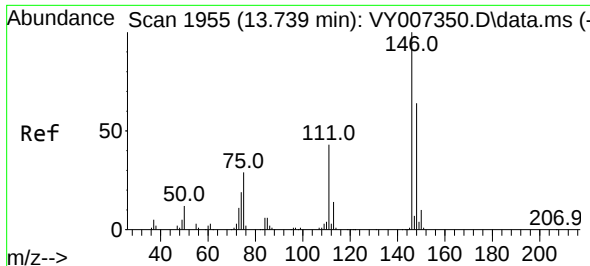
Reviewed By :John Carlone 02/03/2022
Supervised By :Mahesh Dadoda 02/07/2022



#90
Hexachloroethane
Concen: 148.156 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007352.D
Acq: 02 Feb 2022 13:09

Tgt Ion:117 Resp: 201155
Ion Ratio Lower Upper
117 100
201 65.6 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 142.780 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 42495

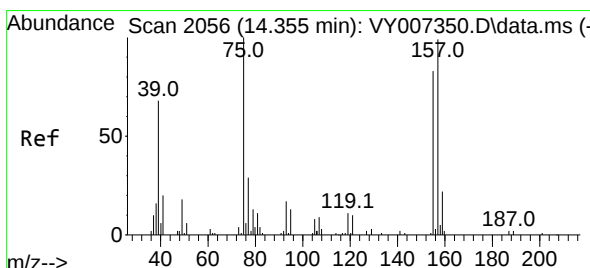
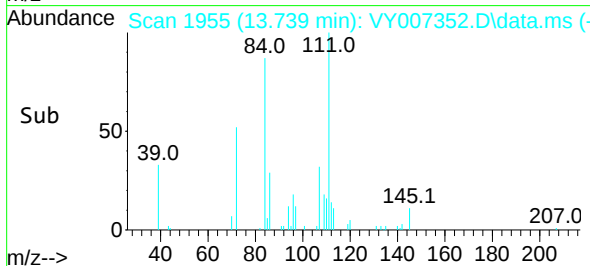
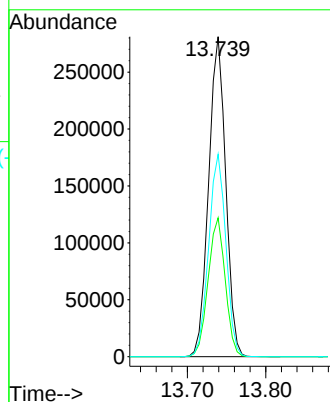
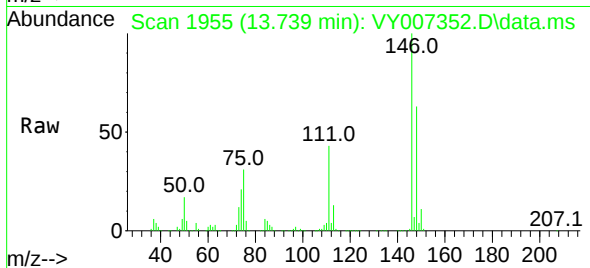
Ion	Ratio	Lower	Upper
146	100		
111	43.5	20.3	60.9
148	63.8	32.3	96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 159.187 ug/l

RT: 14.355 min Scan# 2056

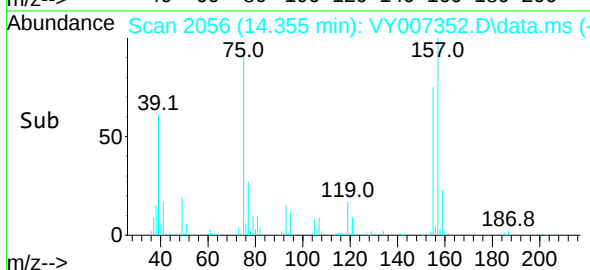
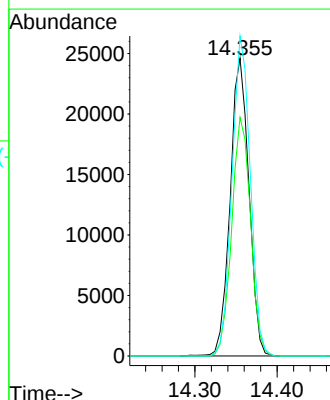
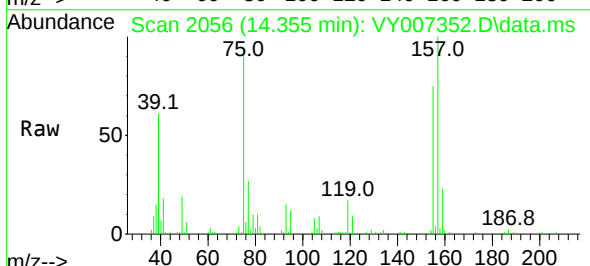
Delta R.T. 0.000 min

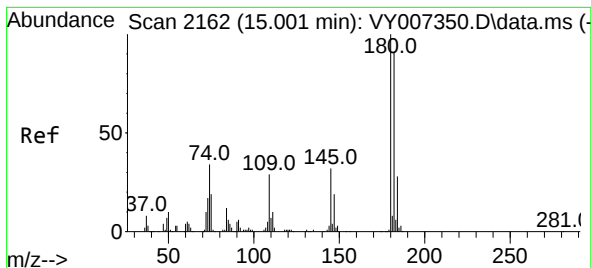
Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Tgt Ion: 75 Resp: 39113

Ion	Ratio	Lower	Upper
75	100		
155	80.1	38.0	113.9
157	105.2	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 151.737 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 26744

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.9

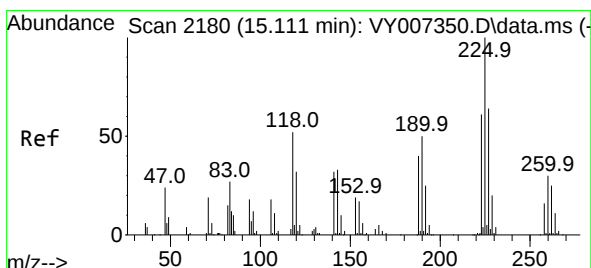
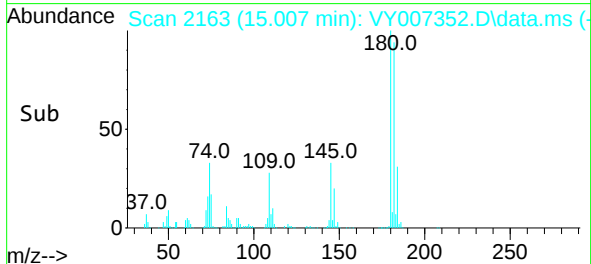
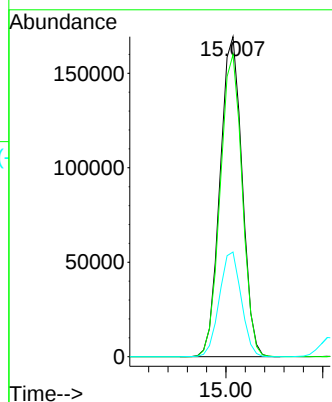
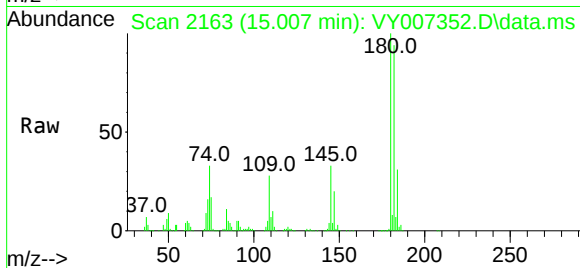
145 32.5 14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#94

Hexachlorobutadiene

Concen: 144.419 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

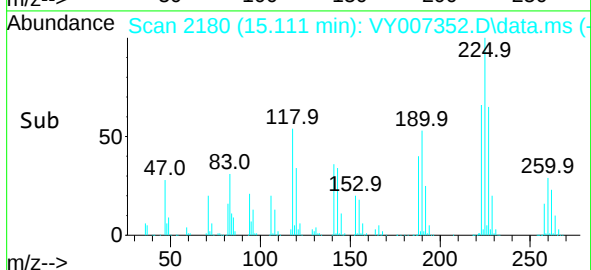
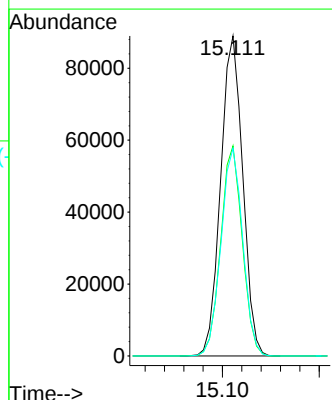
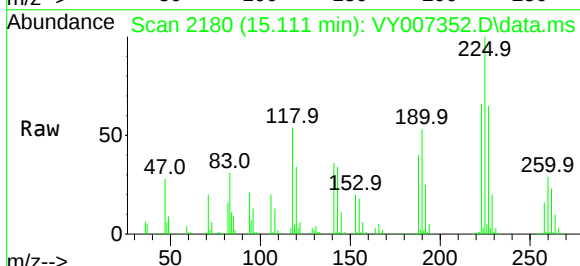
Tgt Ion:225 Resp: 140913

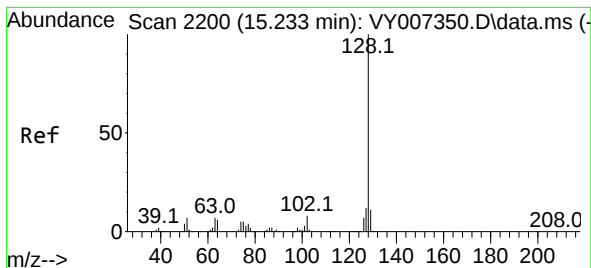
Ion Ratio Lower Upper

225 100

223 64.1 30.8 92.3

227 64.0 31.6 94.7





#95

Naphthalene

Concen: 162.713 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

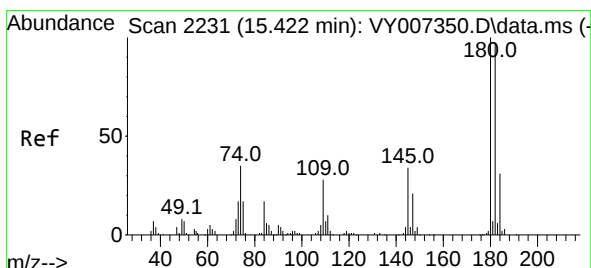
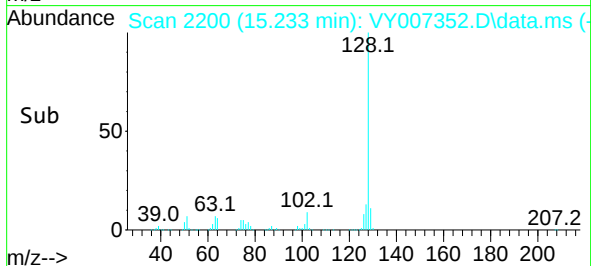
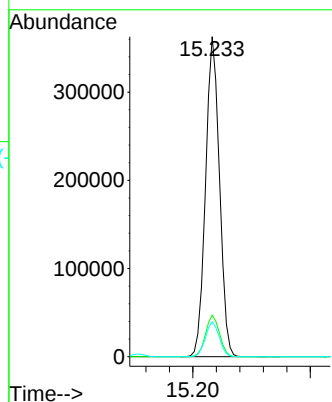
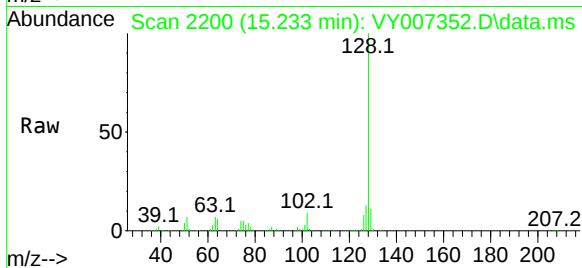
Tgt Ion:	128	Resp:	59599
Ion Ratio	Lower	Upper	
128	100		
127	13.0	11.0	16.4
129	10.8	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/03/2022

Supervised By :Mahesh Dadoda 02/07/2022



#96

1,2,3-Trichlorobenzene

Concen: 154.980 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY007352.D

Acq: 02 Feb 2022 13:09

Tgt Ion:	180	Resp:	230583
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.3	141.9
145	35.0	15.3	45.9

