

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021422\
 Data File : VY007495.D
 Acq On : 14 Feb 2022 15:38
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2022
 Supervised By : Mahesh Dadoda 02/21/2022

Quant Time: Feb 15 03:47:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 03:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	130329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	209935	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	179283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	192995	135.032	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 270.060%#			
35) Dibromofluoromethane	7.722	113	188072	142.075	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 284.140%#			
50) Toluene-d8	10.185	98	702993	139.704	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 279.400%#			
62) 4-Bromofluorobenzene	12.483	95	229747	133.837	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 267.680%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	200869	138.225	ug/l	99
3) Chloromethane	2.119	50	196925	138.266	ug/l	96
4) Vinyl Chloride	2.259	62	197126	138.060	ug/l	99
5) Bromomethane	2.650	94	123160	120.970	ug/l	97
6) Chloroethane	2.802	64	120785	140.188	ug/l	99
7) Trichlorofluoromethane	3.131	101	399341	145.244	ug/l	96
8) Diethyl Ether	3.534	74	107084	135.832	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.905	101	218750	144.123	ug/l	94
10) Methyl Iodide	4.101	142	273179	150.812	ug/l	95
11) Tert butyl alcohol	4.966	59	66648	590.218	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	203415	144.586	ug/l	82
13) Acrolein	3.735	56	61411	553.818	ug/l	96
14) Allyl chloride	4.485	41	278146	140.875	ug/l #	90
15) Acrylonitrile	5.173	53	222838	646.203	ug/l	98
16) Acetone	3.954	43	267633	705.695	ug/l	92
17) Carbon Disulfide	4.204	76	565336	140.008	ug/l	99
18) Methyl Acetate	4.485	43	96176	119.095	ug/l #	86
19) Methyl tert-butyl Ether	5.228	73	523353	134.379	ug/l	94
20) Methylene Chloride	4.728	84	204513	130.041	ug/l #	83
21) trans-1,2-Dichloroethene	5.228	96	218536	142.662	ug/l	88
22) Diisopropyl ether	6.125	45	562390	137.158	ug/l #	94
23) Vinyl Acetate	6.064	43	1782041	680.203	ug/l #	92
24) 1,1-Dichloroethane	6.027	63	365189	142.085	ug/l	99
25) 2-Butanone	6.990	43	303514	650.670	ug/l #	84
26) 2,2-Dichloropropane	6.990	77	381412	146.901	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	243084	142.420	ug/l	88
28) Bromochloromethane	7.344	49	141652	143.926	ug/l #	76
29) Tetrahydrofuran	7.356	42	170127	627.413	ug/l #	82
30) Chloroform	7.508	83	397491	142.462	ug/l	100
31) Cyclohexane	7.789	56	338287	134.578	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	392799	146.647	ug/l	95
36) 1,1-Dichloropropene	7.923	75	315983	148.296	ug/l	98
37) Ethyl Acetate	7.082	43	121440	127.335	ug/l #	94
38) Carbon Tetrachloride	7.905	117	361106	148.185	ug/l	99
39) Methylcyclohexane	9.191	83	403000	146.265	ug/l	88
40) Benzene	8.167	78	850772	145.584	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	106514m	147.759	ug/l	
42) 1,2-Dichloroethane	8.246	62	251396	139.846	ug/l	95
43) Isopropyl Acetate	8.277	43	255666	131.926	ug/l #	89
44) Trichloroethene	8.947	130	241388	144.402	ug/l	97
45) 1,2-Dichloropropane	9.222	63	199298	144.233	ug/l	94
46) Dibromomethane	9.313	93	118165	137.307	ug/l	95
47) Bromodichloromethane	9.502	83	305558	145.972	ug/l	98
48) Methyl methacrylate	9.295	41	118093	138.211	ug/l #	87
49) 1,4-Dioxane	9.307	88	24892	2666.923	ug/l #	80
51) 4-Methyl-2-Pentanone	10.075	43	624740	650.461	ug/l	90
52) Toluene	10.246	92	548194	145.556	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	311038	142.075	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	351887	143.947	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	157472	136.162	ug/l	98
56) Ethyl methacrylate	10.514	69	211003	137.214	ug/l #	81
57) 1,3-Dichloropropane	10.794	76	272707	138.683	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	572980	712.661	ug/l	92
59) 2-Hexanone	10.837	43	454287	655.128	ug/l	89
60) Dibromochloromethane	10.990	129	206002	141.599	ug/l	100
61) 1,2-Dibromoethane	11.093	107	155665	136.381	ug/l	100
64) Tetrachloroethene	10.727	164	203092	143.889	ug/l	95
65) Chlorobenzene	11.520	112	573264	146.763	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	216468	146.103	ug/l	99
67) Ethyl Benzene	11.599	91	1085185	148.704	ug/l	99
68) m/p-Xylenes	11.709	106	819545	296.351	ug/l	98
69) o-Xylene	12.032	106	382452	145.351	ug/l	98
70) Styrene	12.050	104	638954	148.300	ug/l	98
71) Bromoform	12.215	173	115124	140.745	ug/l #	99
73) Isopropylbenzene	12.337	105	1037010	149.639	ug/l	99
74) N-amyl acetate	12.148	43	215189	138.899	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	162282	137.214	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	126294m	122.204	ug/l	
77) Bromobenzene	12.611	156	218025	146.194	ug/l	96
78) n-propylbenzene	12.678	91	1235712	148.464	ug/l	100
79) 2-Chlorotoluene	12.757	91	678227	147.649	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	843139	146.908	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	60011	137.693	ug/l	88
82) 4-Chlorotoluene	12.861	91	691878	146.556	ug/l	100
83) tert-Butylbenzene	13.081	119	739790	147.373	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	818435	147.523	ug/l	99
85) sec-Butylbenzene	13.257	105	1092224	147.861	ug/l	99
86) p-Isopropyltoluene	13.373	119	905770	148.660	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	423868	146.082	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	412821	143.416	ug/l	98
89) n-Butylbenzene	13.702	91	859075	148.036	ug/l	100
90) Hexachloroethane	13.965	117	175174	150.586	ug/l	82
91) 1,2-Dichlorobenzene	13.745	146	367277	143.599	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	26511	131.685	ug/l	86
93) 1,2,4-Trichlorobenzene	15.013	180	229039	148.631	ug/l	98
94) Hexachlorobutadiene	15.117	225	131971	147.425	ug/l	99
95) Naphthalene	15.239	128	464519	138.909	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	192004	144.290	ug/l	98

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ClientSampleId :
VSTDICC150

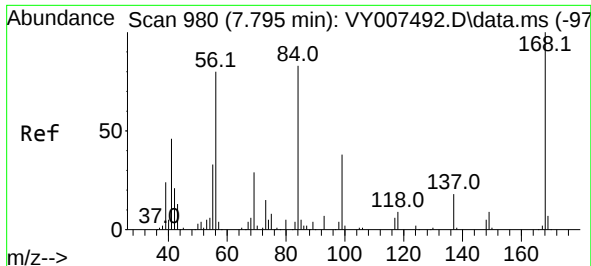
Manual Integrations
APPROVED

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Response via : Initial Calibration

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



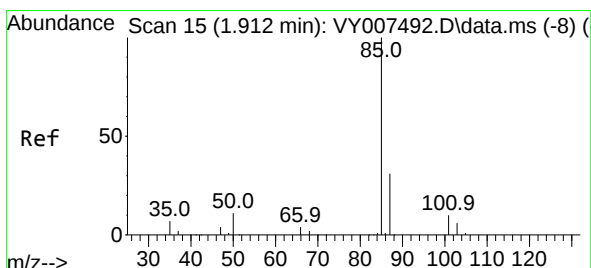
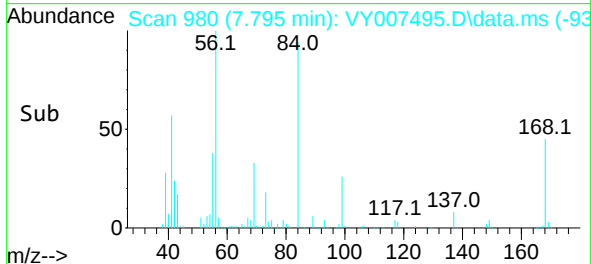
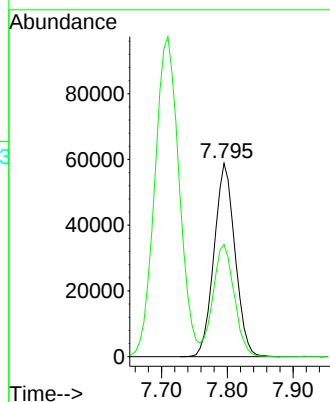
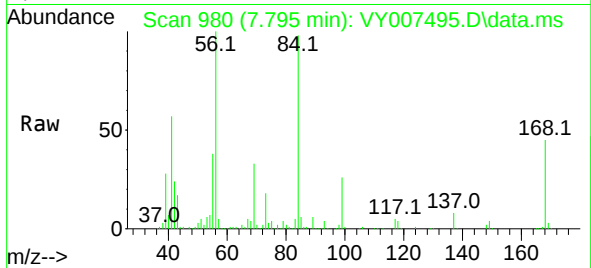
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 130329
Ion Ratio Lower Upper
168 100
99 58.1 46.9 70.3

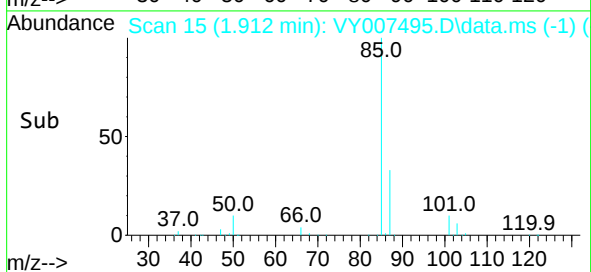
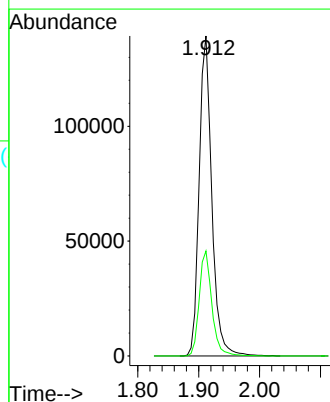
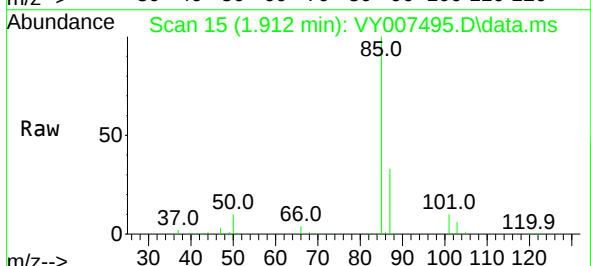
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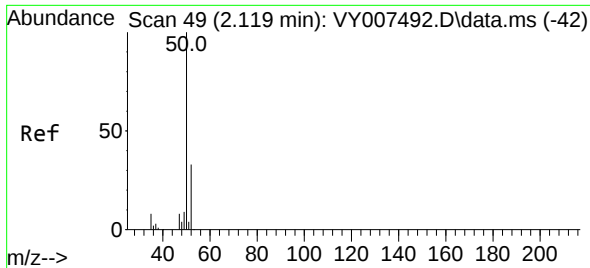
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#2
Dichlorodifluoromethane
Concen: 138.225 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

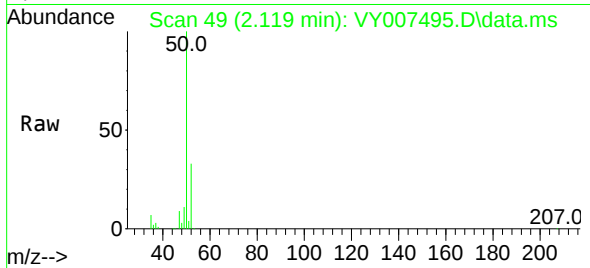
Tgt Ion: 85 Resp: 200869
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2





#3
Chloromethane
Concen: 138.266 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

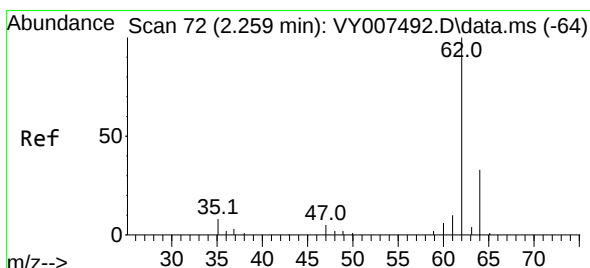
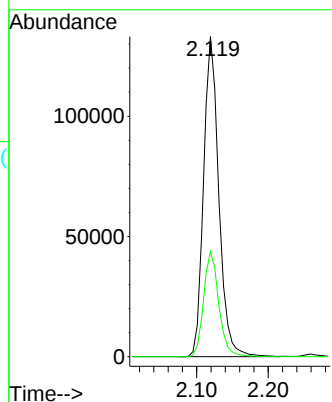
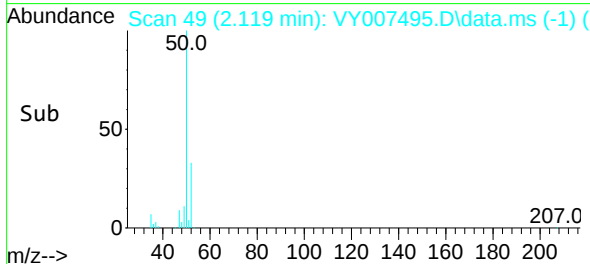
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



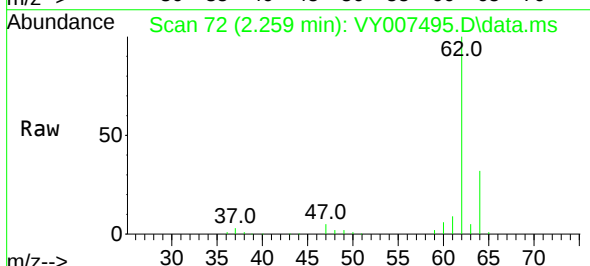
Tgt Ion: 50 Resp: 196925
Ion Ratio Lower Upper
50 100
52 32.8 24.6 37.0

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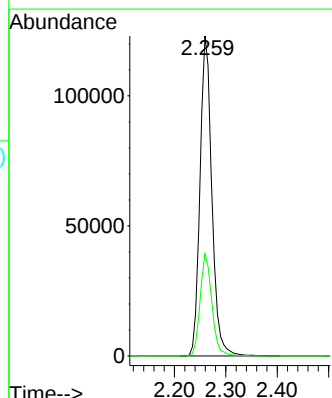
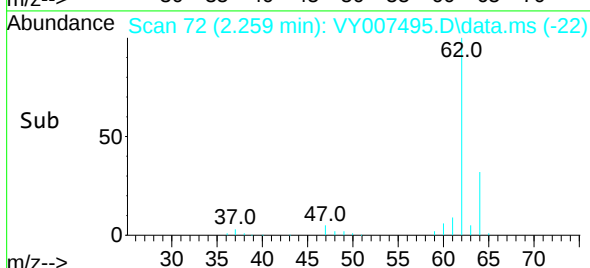
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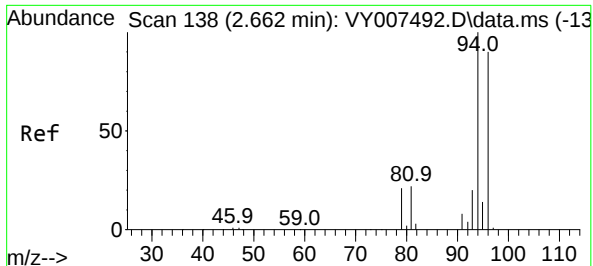


#4
Vinyl Chloride
Concen: 138.060 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



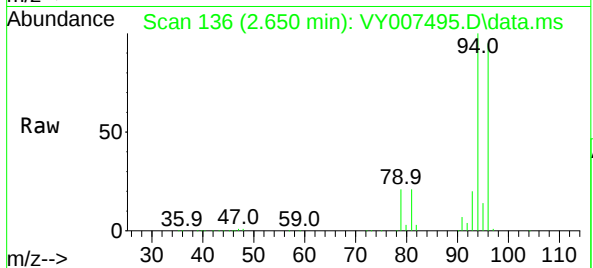
Tgt Ion: 62 Resp: 197126
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.6





#5
Bromomethane
Concen: 120.970 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

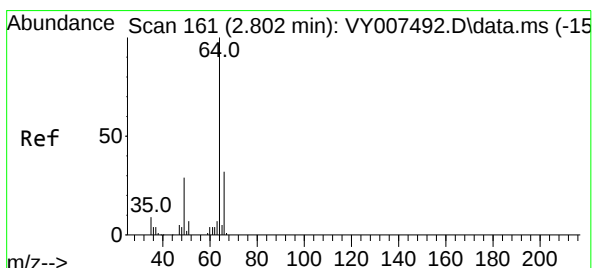
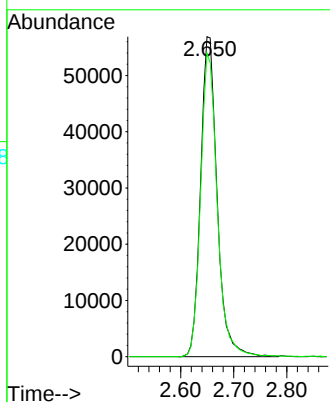
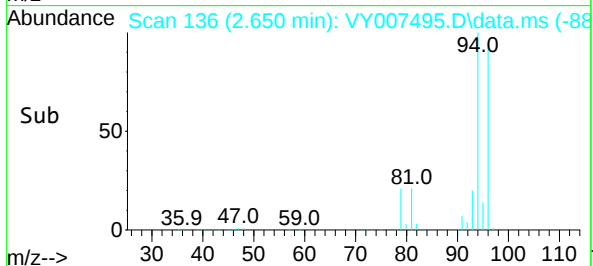
Instrument :
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Tgt Ion: 94 Resp: 123160
Ion Ratio Lower Upper
94 100
96 94.8 73.5 110.3

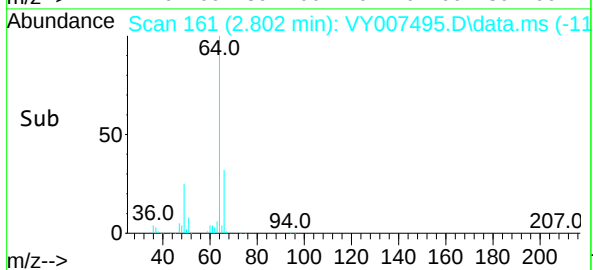
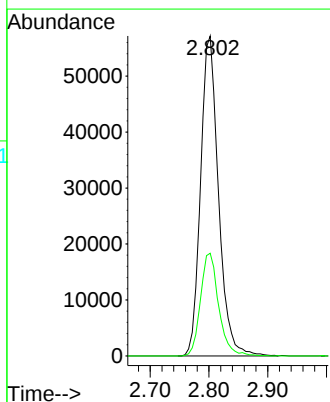
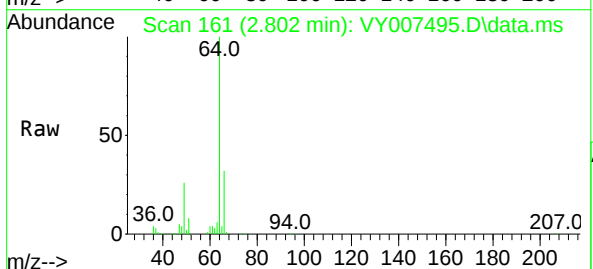
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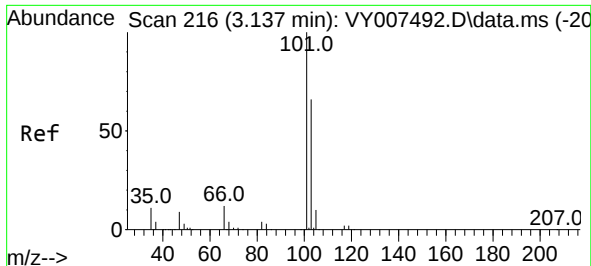
Reviewed By :John Carlone 02/15/2022
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#6
Chloroethane
Concen: 140.188 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

Tgt Ion: 64 Resp: 120785
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.0





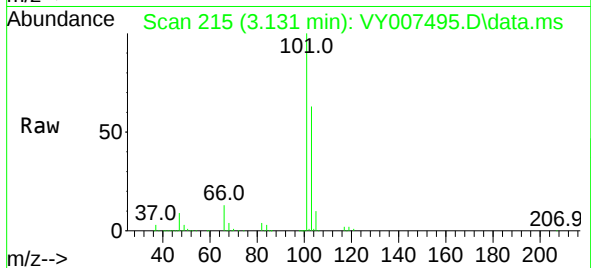
#7
 Trichlorofluoromethane
 Concen: 145.244 ug/l
 RT: 3.131 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY007495.D
 Acq: 14 Feb 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150



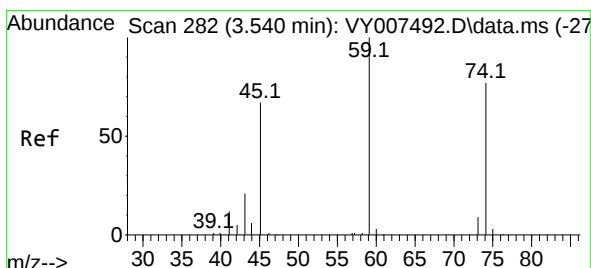
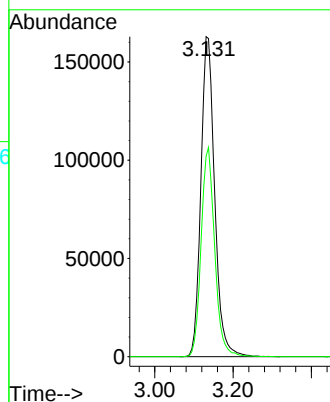
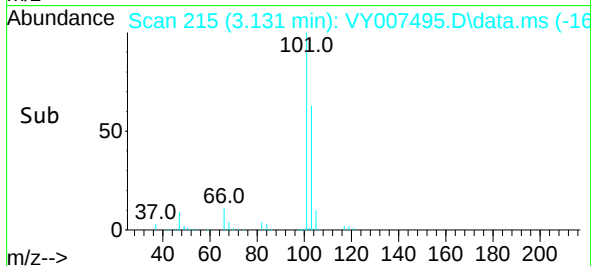
Tgt Ion:101 Resp: 39934
 Ion Ratio Lower Upper
 101 100
 103 62.7 48.0 72.0

Manual Integrations

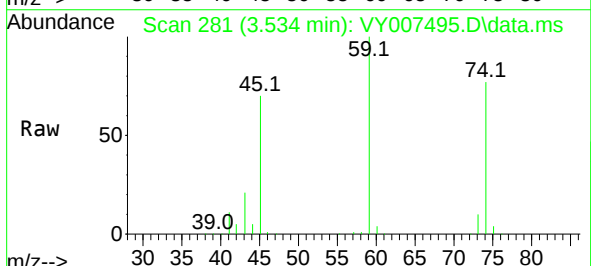
APPROVED

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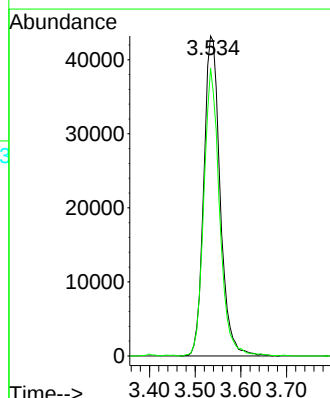
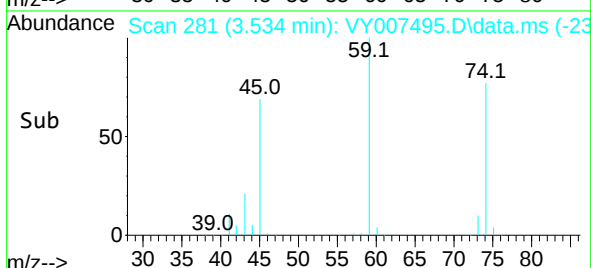
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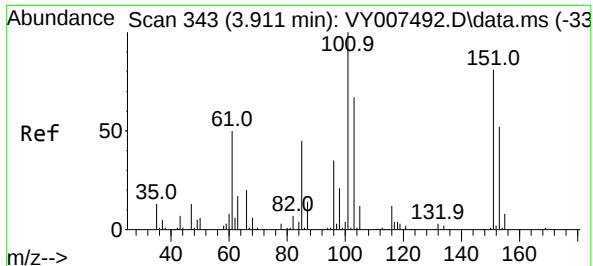


#8
 Diethyl Ether
 Concen: 135.832 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.000 min
 Lab File: VY007495.D
 Acq: 14 Feb 2022 15:38



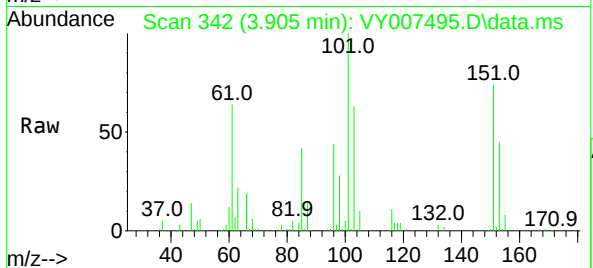
Tgt Ion: 74 Resp: 107084
 Ion Ratio Lower Upper
 74 100
 45 86.6 55.1 165.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 144.123 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.001 min
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Acq: 14 Feb 2022 15:38

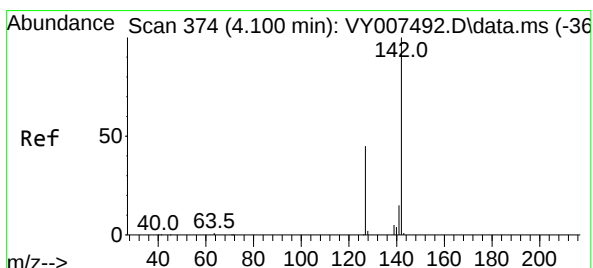
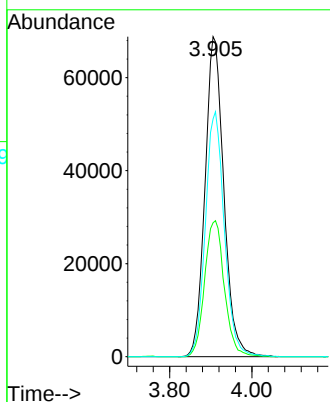
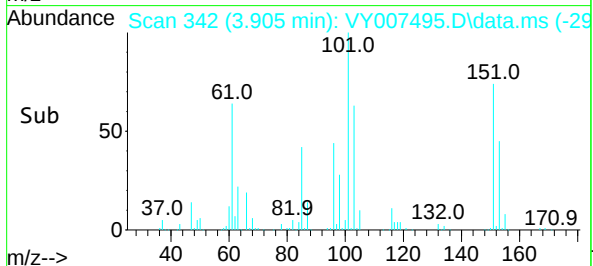
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



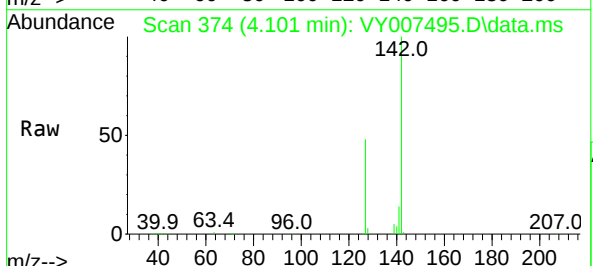
Tgt Ion:101 Resp: 218750
Ion Ratio Lower Upper
101 100
85 44.6 40.6 60.8
151 77.2 64.9 97.3

Manual Integrations
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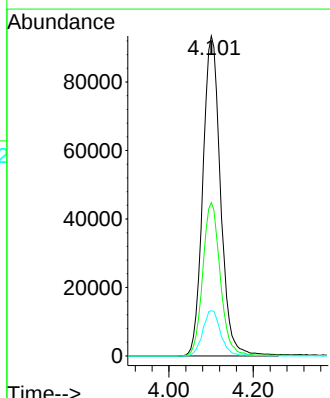
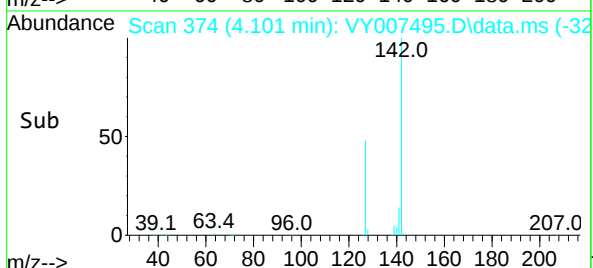
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

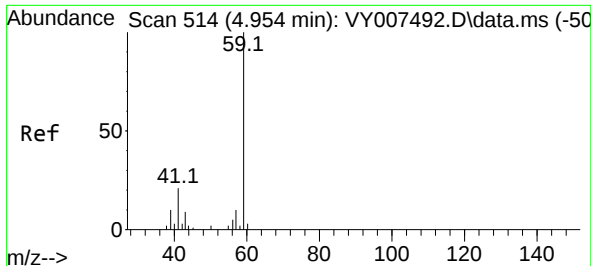


#10
Methyl Iodide
Concen: 150.812 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



Tgt Ion:142 Resp: 273179
Ion Ratio Lower Upper
142 100
127 47.5 41.5 62.3
141 14.4 11.9 17.9





#11

Tert butyl alcohol

Concen: 590.218 ug/l

RT: 4.966 min Scan# 514

Delta R.T. 0.018 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 6664

Ion Ratio Lower Upper

59 100

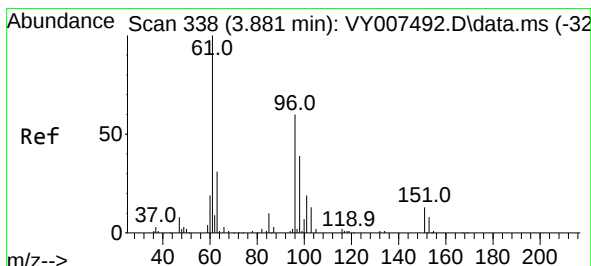
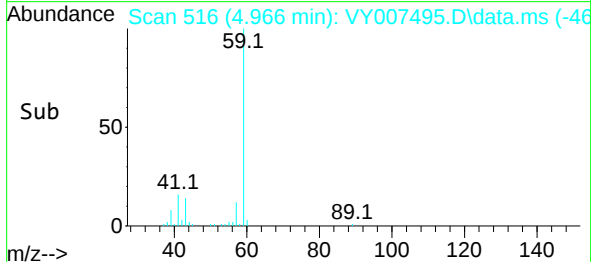
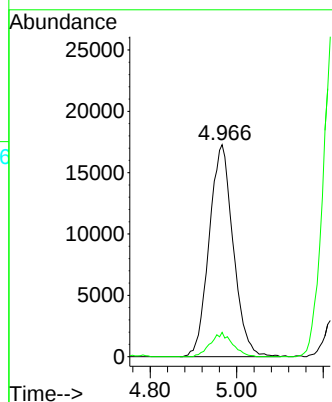
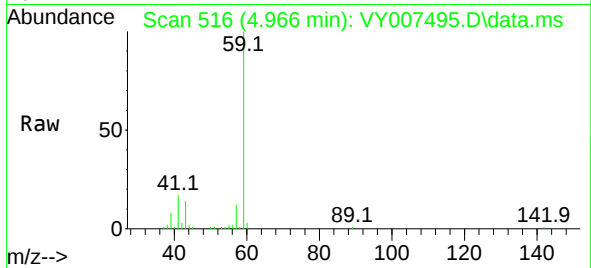
57 10.4 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#12

1,1-Dichloroethene

Concen: 144.586 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.000 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

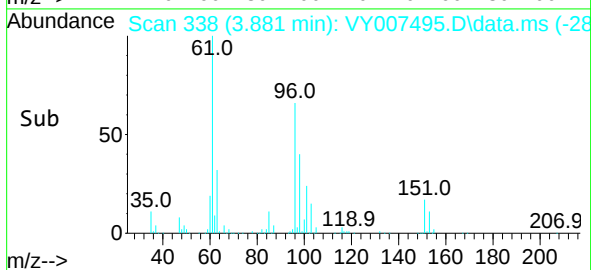
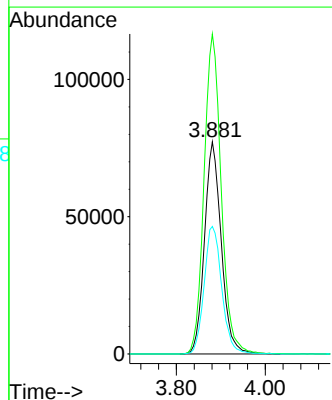
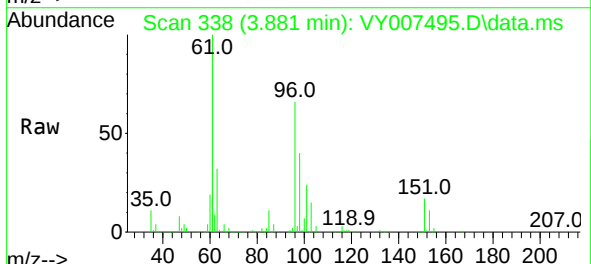
Tgt Ion: 96 Resp: 203415

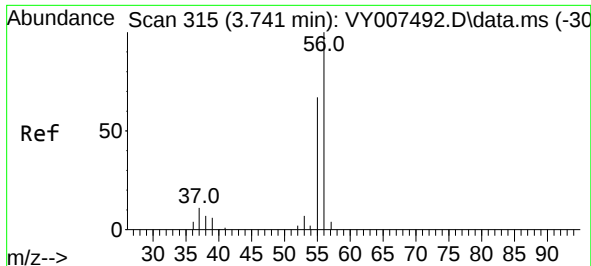
Ion Ratio Lower Upper

96 100

61 150.8 145.8 218.6

98 60.1 52.5 78.7





#13

Acrolein

Concen: 553.818 ug/l

RT: 3.735 min Scan# 31

Delta R.T. -0.000 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 6141

Ion Ratio Lower Upper

56 100

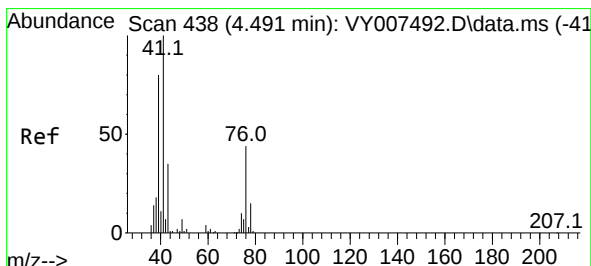
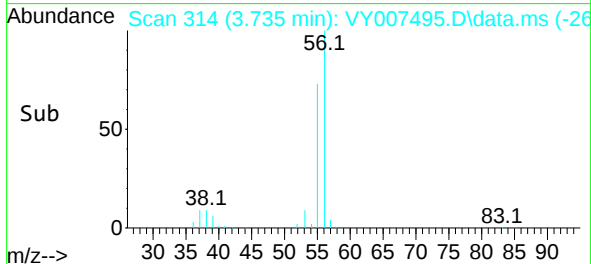
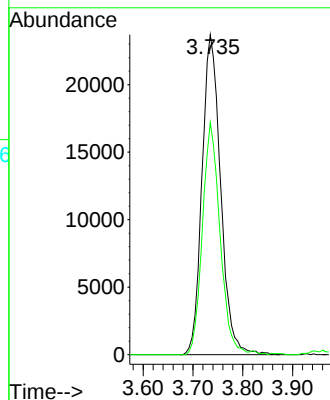
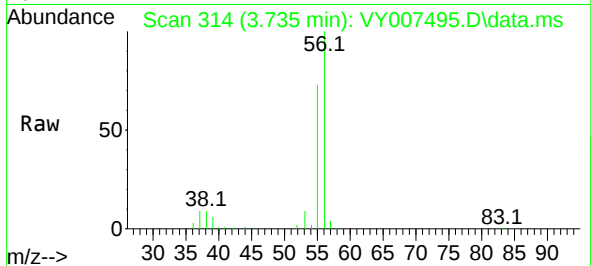
55 68.4 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#14

Allyl chloride

Concen: 140.875 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.000 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

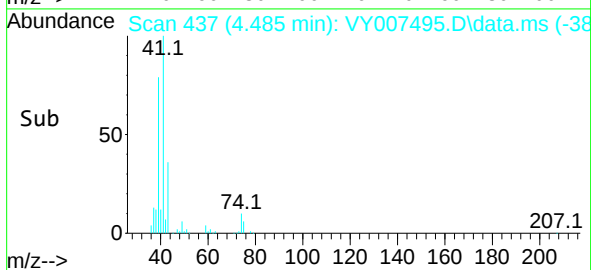
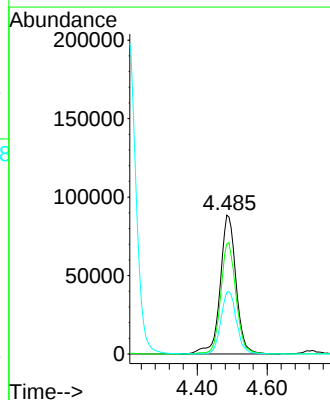
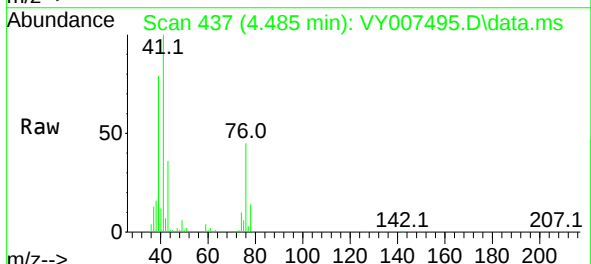
Tgt Ion: 41 Resp: 278146

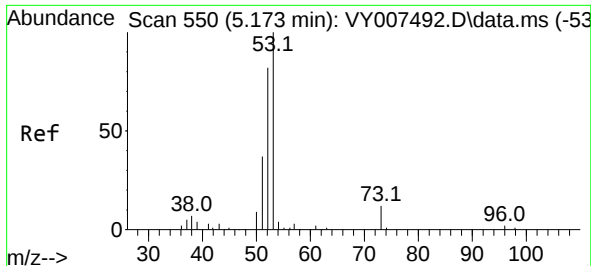
Ion Ratio Lower Upper

41 100

39 77.5 58.8 88.2

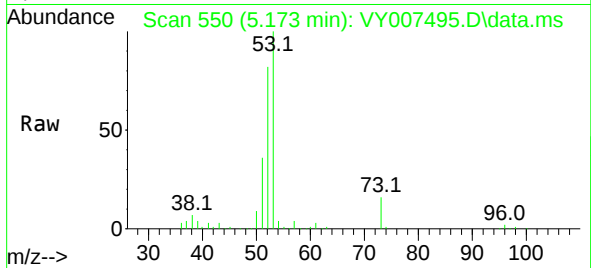
76 44.0 25.1 37.7#





#15
Acrylonitrile
Concen: 646.203 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

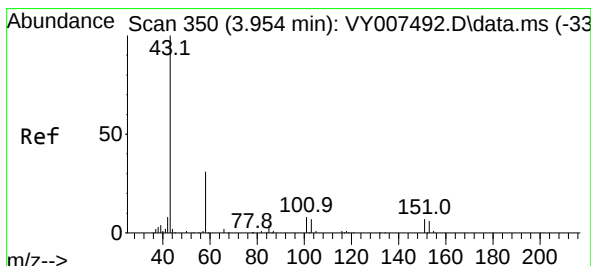
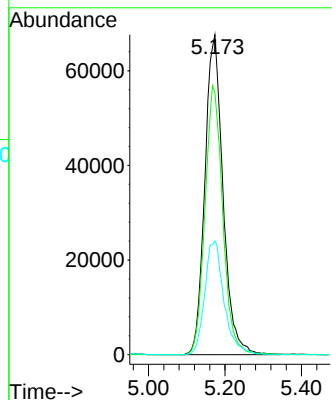
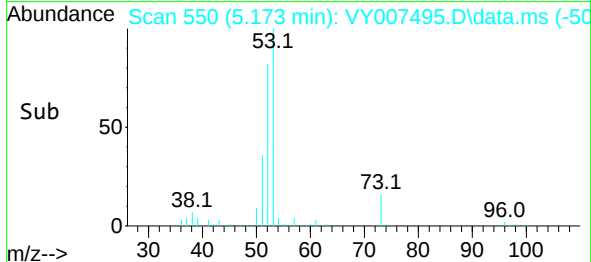
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



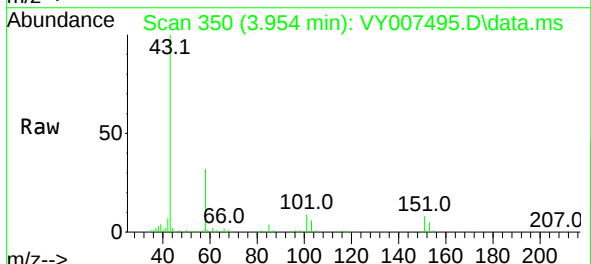
Tgt Ion: 53 Resp: 222838
Ion Ratio Lower Upper
53 100
52 82.1 67.0 100.4
51 37.8 29.8 44.6

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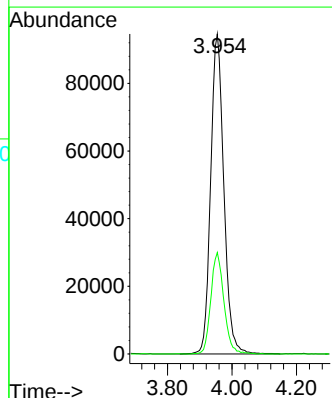
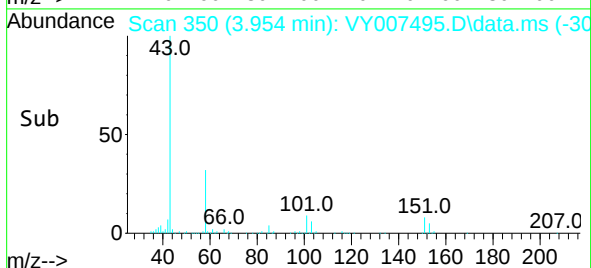
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

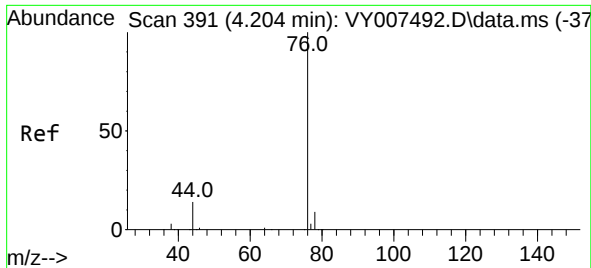


#16
Acetone
Concen: 705.695 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



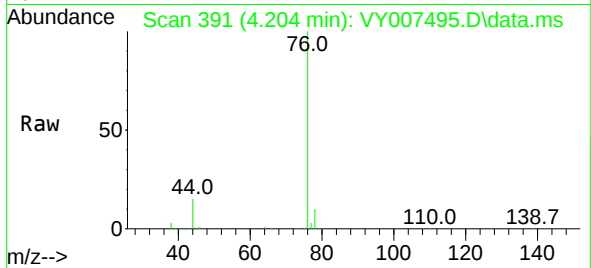
Tgt Ion: 43 Resp: 267633
Ion Ratio Lower Upper
43 100
58 31.7 22.0 33.0





#17
Carbon Disulfide
Concen: 140.008 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

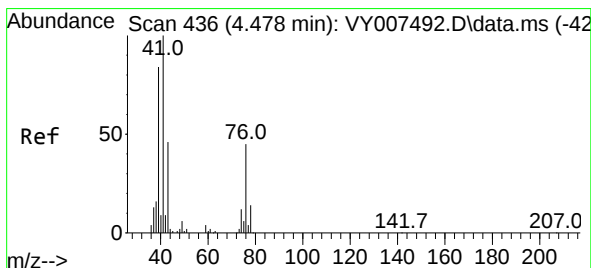
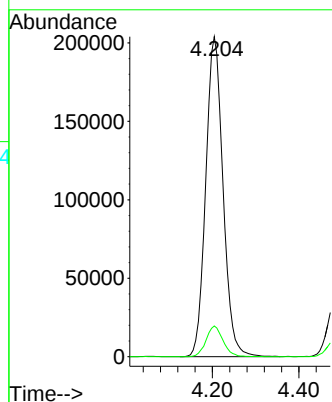
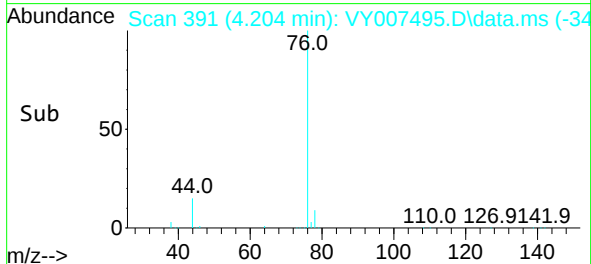
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



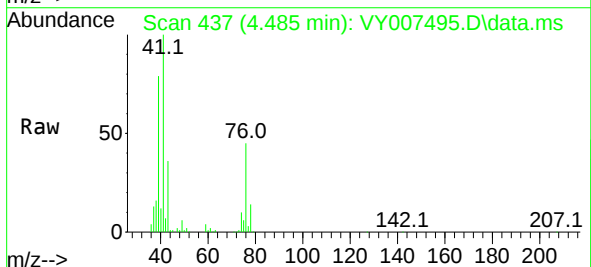
Tgt Ion: 76 Resp: 565336
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

Manual Integrations
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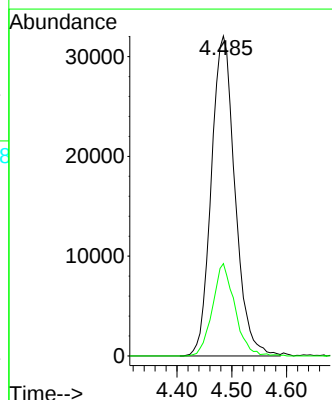
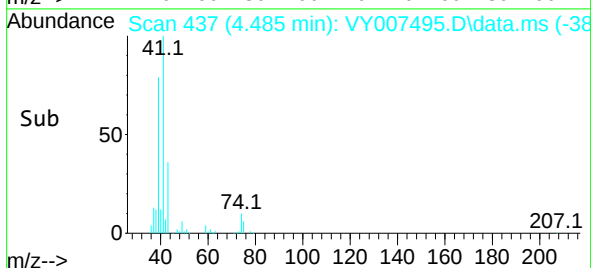
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

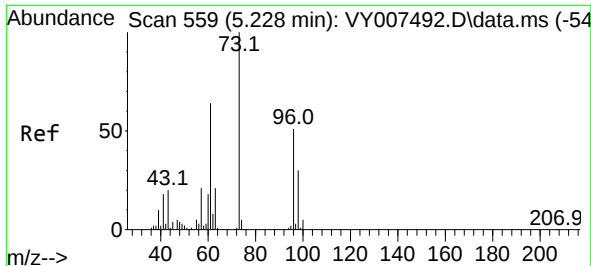


#18
Methyl Acetate
Concen: 119.095 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



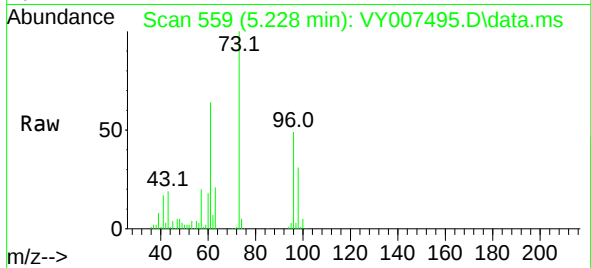
Tgt Ion: 43 Resp: 96176
Ion Ratio Lower Upper
43 100
74 27.3 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 134.379 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

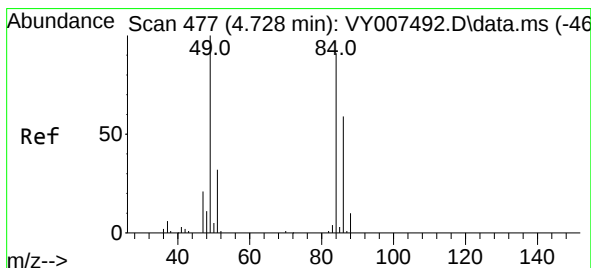
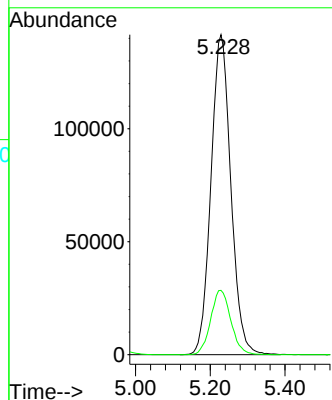
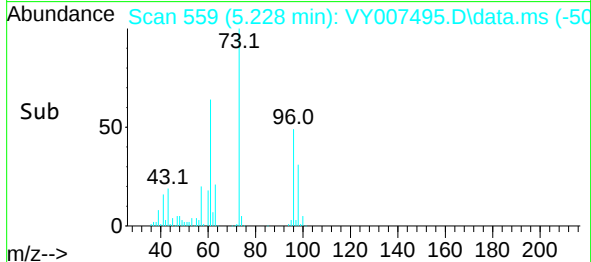
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 52335
Ion Ratio Lower Upper
73 100
57 20.1 18.6 27.8

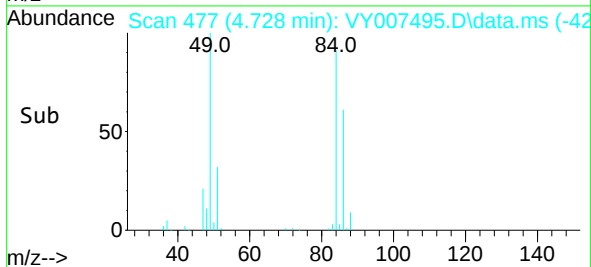
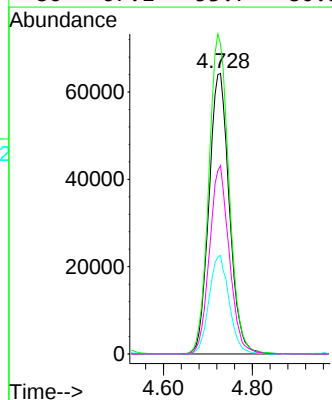
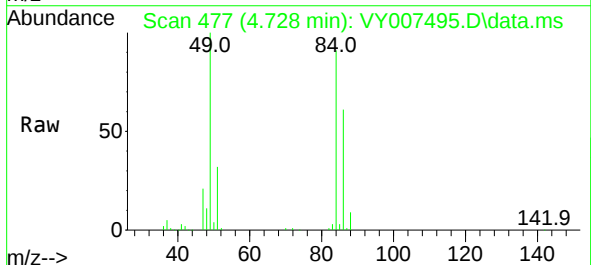
Manual Integrations
APPROVED

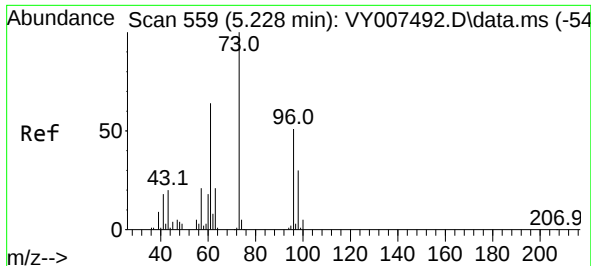
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#20
Methylene Chloride
Concen: 130.041 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

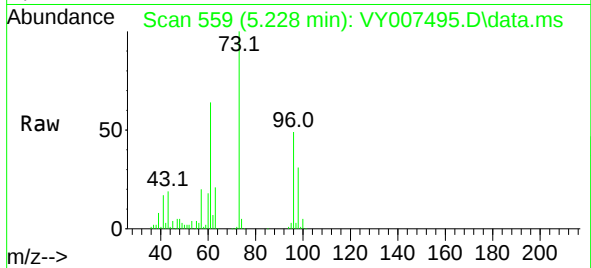
Tgt Ion: 84 Resp: 204513
Ion Ratio Lower Upper
84 100
49 110.4 114.4 171.6#
51 35.1 35.3 52.9#
86 67.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 142.662 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

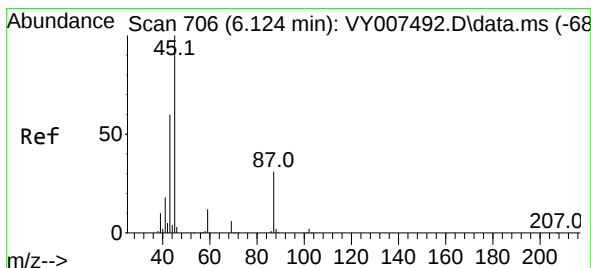
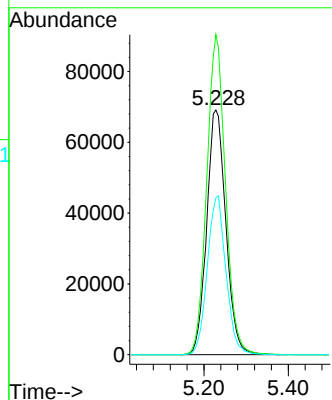
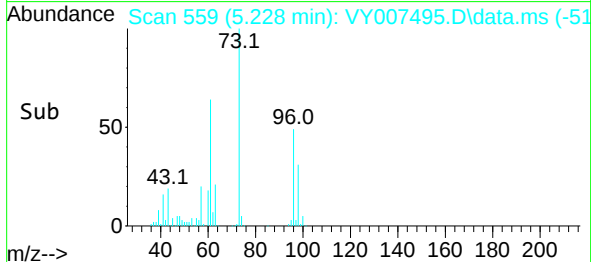
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



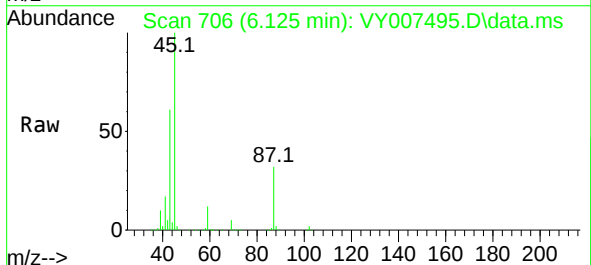
Tgt Ion: 96 Resp: 218530
Ion Ratio Lower Upper
96 100
61 130.8 120.5 180.7
98 64.1 49.8 74.8

Manual Integrations
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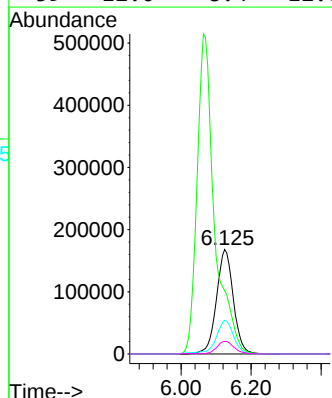
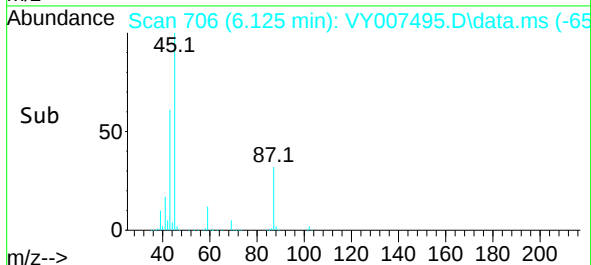
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

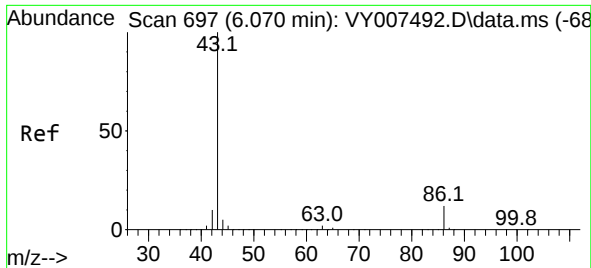


#22
Diisopropyl ether
Concen: 137.158 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



Tgt Ion: 45 Resp: 562390
Ion Ratio Lower Upper
45 100
43 60.4 49.3 73.9
87 32.2 19.2 28.8#
59 12.0 8.4 12.6





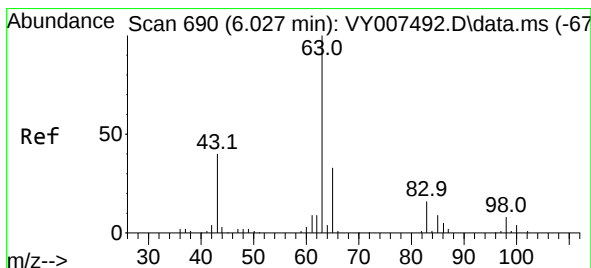
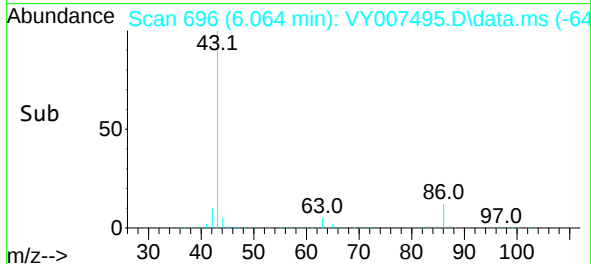
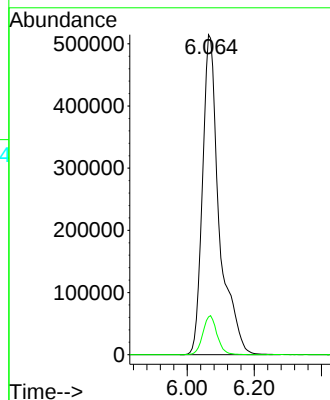
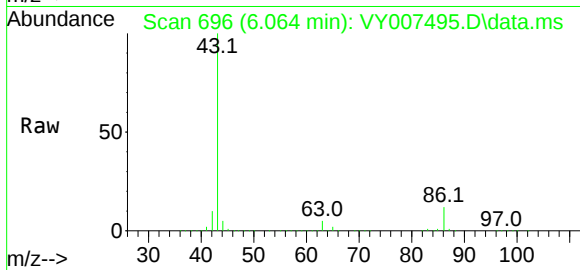
#23
 Vinyl Acetate
 Concen: 680.203 ug/l
 RT: 6.064 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY007495.D
 Acq: 14 Feb 2022 15:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 178204
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7

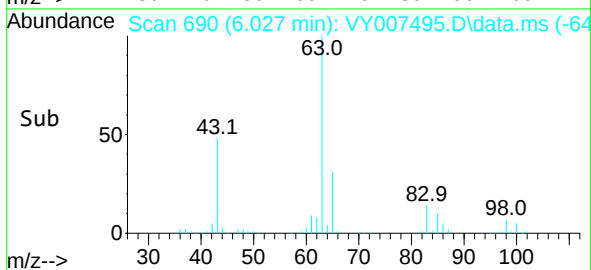
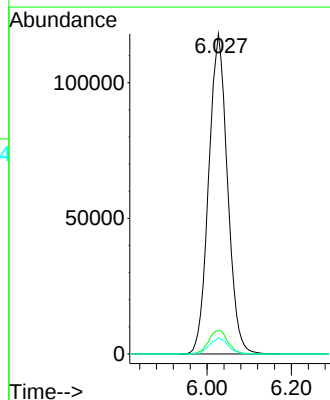
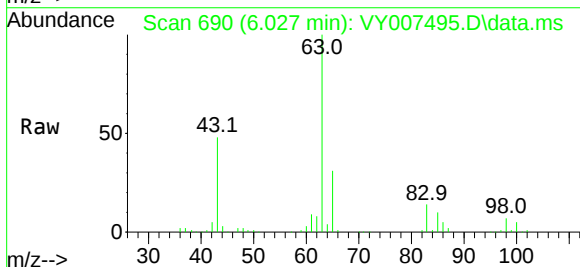
Manual Integrations
 APPROVED

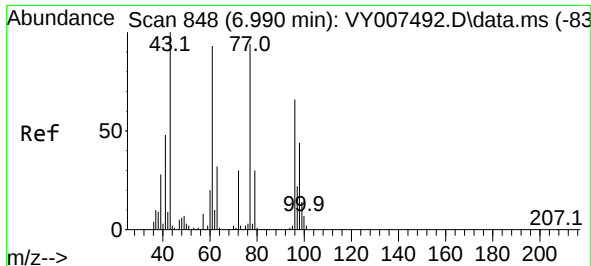
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#24
 1,1-Dichloroethane
 Concen: 142.085 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY007495.D
 Acq: 14 Feb 2022 15:38

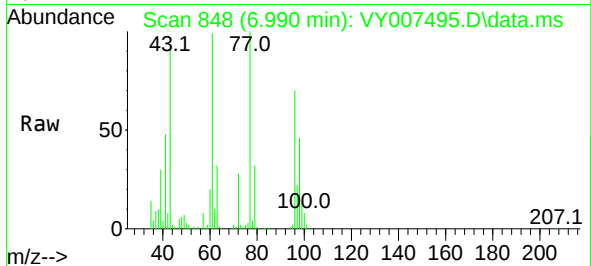
Tgt Ion: 63 Resp: 365189
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 5.1 2.0 5.8





#25
2-Butanone
Concen: 650.670 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

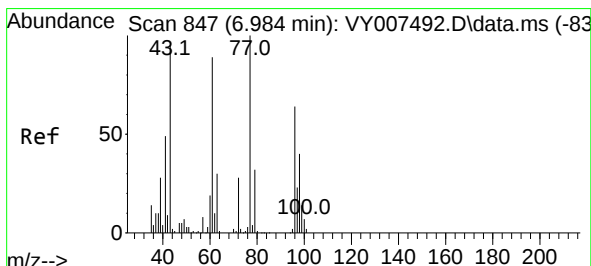
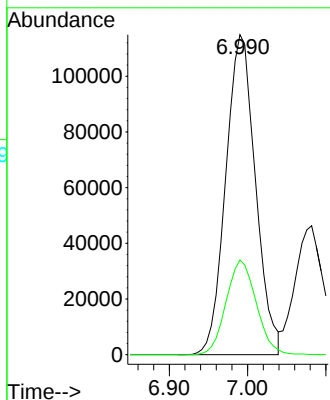
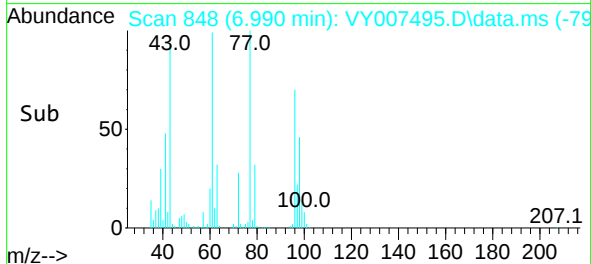
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



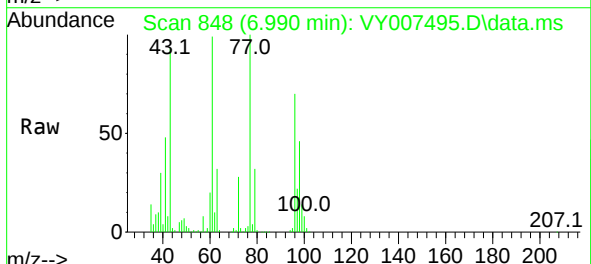
Tgt Ion: 43 Resp: 303514
Ion Ratio Lower Upper
43 100
72 29.6 17.7 26.5

Manual Integrations
APPROVED

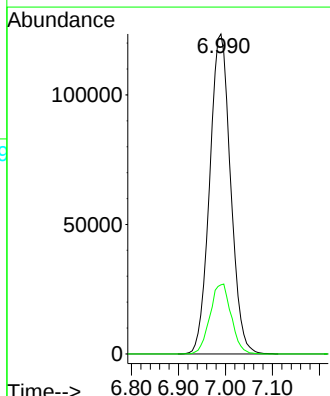
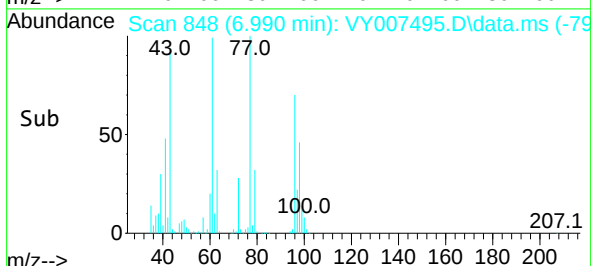
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

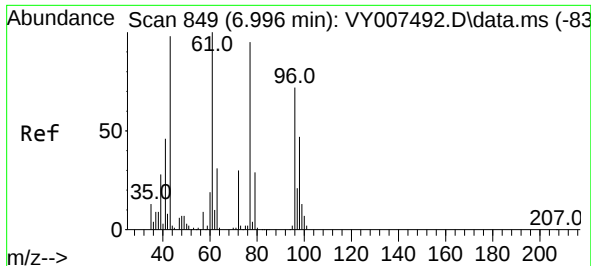


#26
2,2-Dichloropropane
Concen: 146.901 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



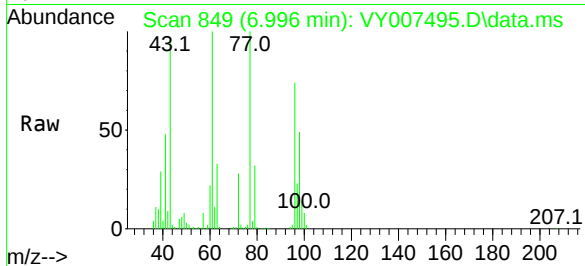
Tgt Ion: 77 Resp: 381412
Ion Ratio Lower Upper
77 100
97 22.2 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 142.420 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY007495.D
 Acq: 14 Feb 2022 15:38

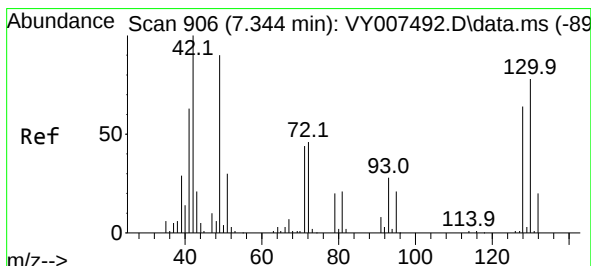
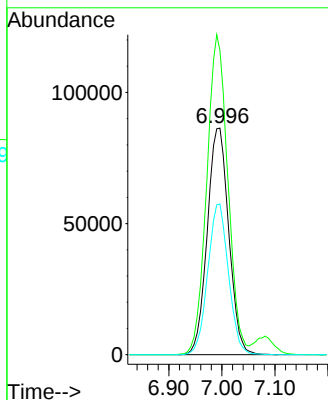
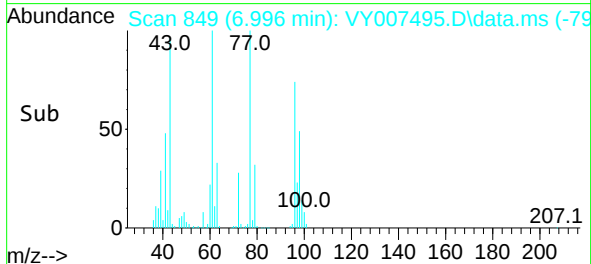
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



Tgt Ion: 96 Resp: 243084
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 319.8
 98 64.3 0.0 127.0

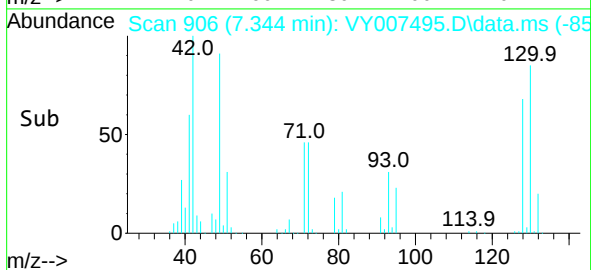
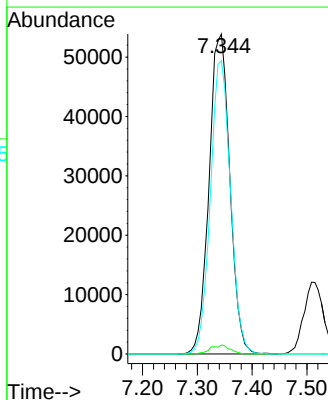
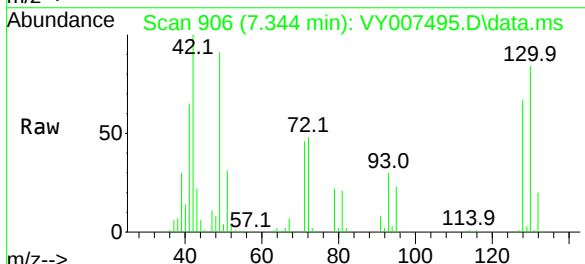
Manual Integrations
 APPROVED

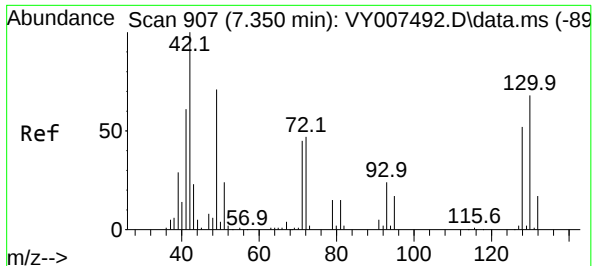
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#28
 Bromochloromethane
 Concen: 143.926 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.006 min
 Lab File: VY007495.D
 Acq: 14 Feb 2022 15:38

Tgt Ion: 49 Resp: 141652
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 2.2#
 130 89.1 55.4 83.0#





#29

Tetrahydrofuran

Concen: 627.413 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 17012

Ion Ratio Lower Upper

42 100

72 49.2 30.3 45.5

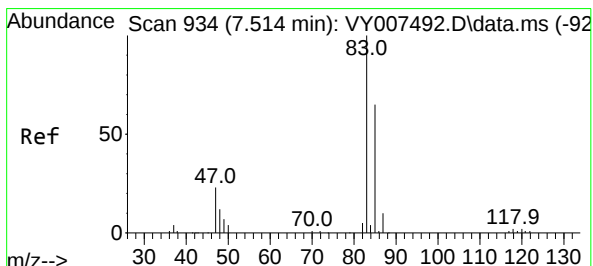
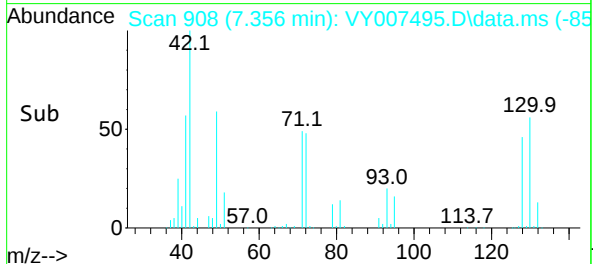
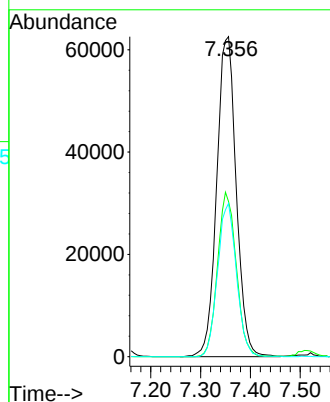
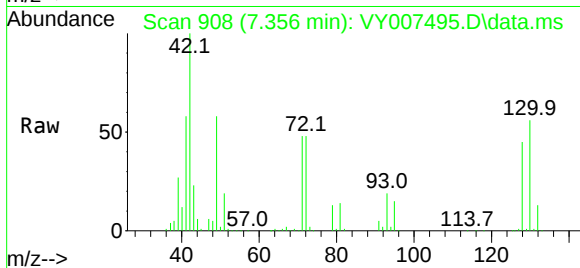
71 46.3 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#30

Chloroform

Concen: 142.462 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY007495.D

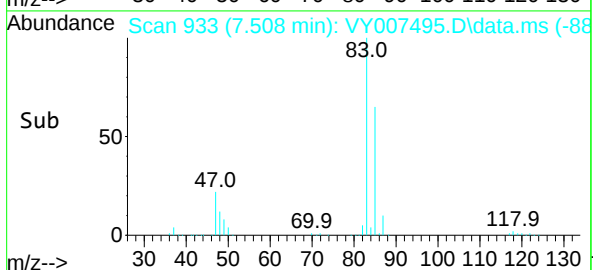
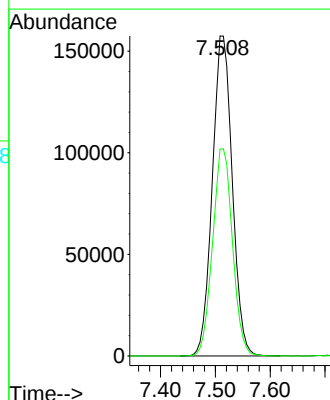
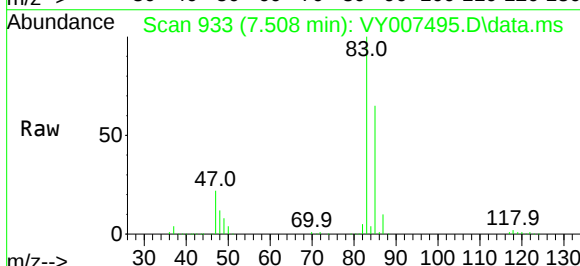
Acq: 14 Feb 2022 15:38

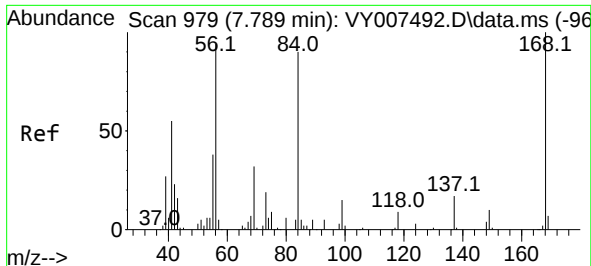
Tgt Ion: 83 Resp: 397491

Ion Ratio Lower Upper

83 100

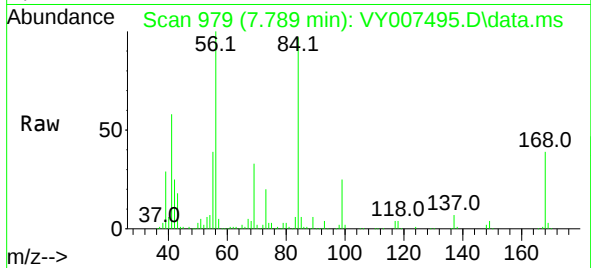
85 64.6 51.8 77.6





#31
Cyclohexane
Concen: 134.578 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

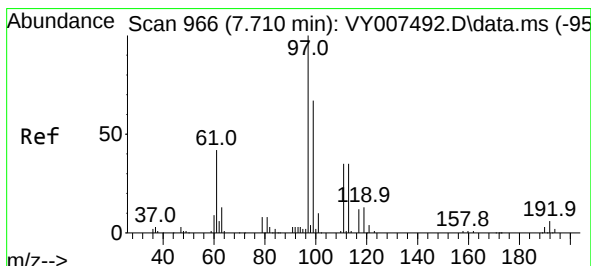
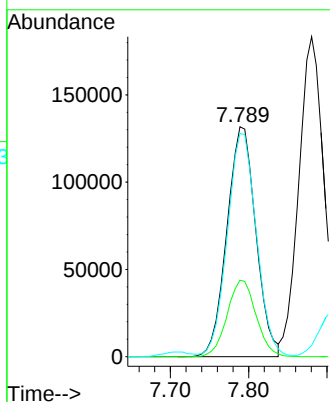
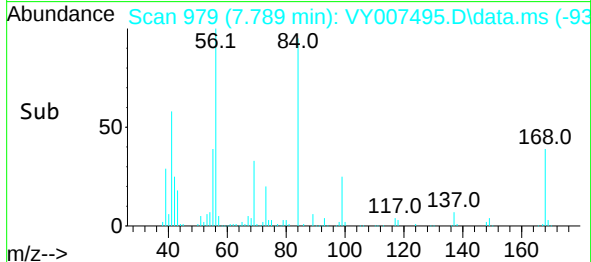
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



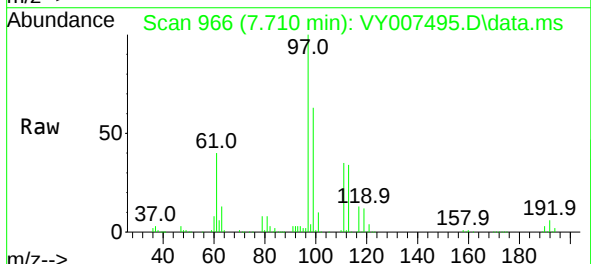
Tgt Ion: 56 Resp: 33828
Ion Ratio Lower Upper
56 100
69 33.3 26.7 40.1
84 95.0 67.2 100.8

Manual Integrations
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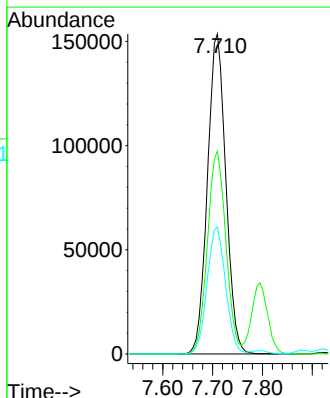
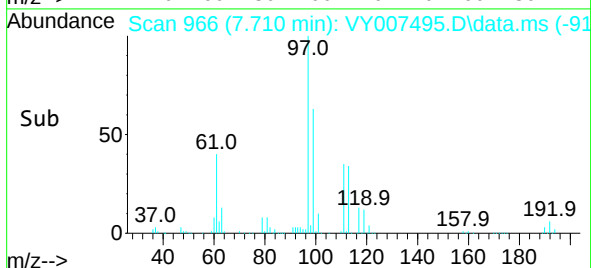
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

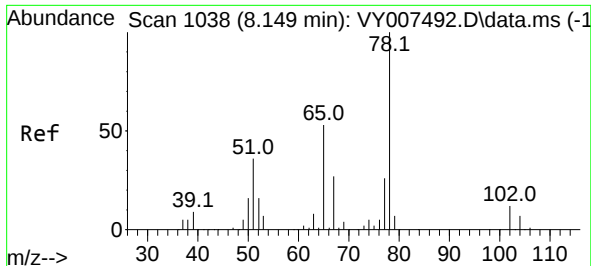


#32
1,1,1-Trichloroethane
Concen: 146.647 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



Tgt Ion: 97 Resp: 392799
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 40.0 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 135.032 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 192995

Ion Ratio Lower Upper

65 100

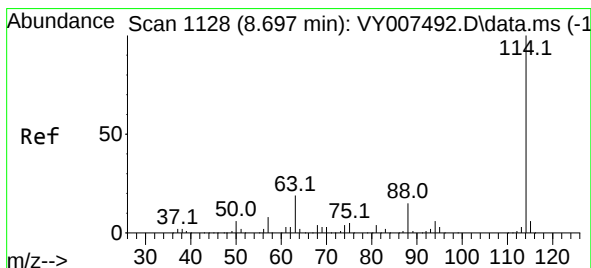
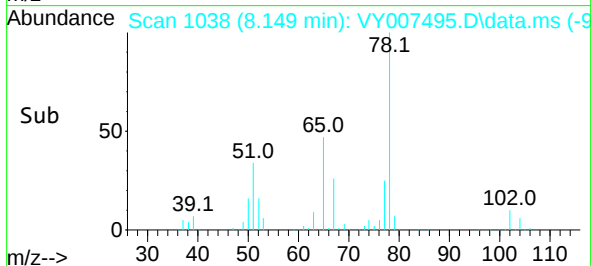
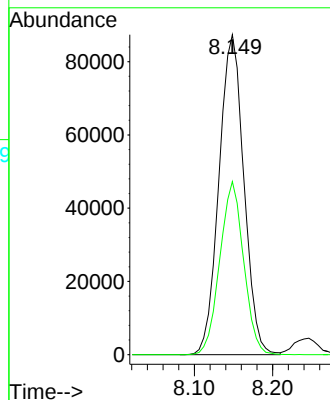
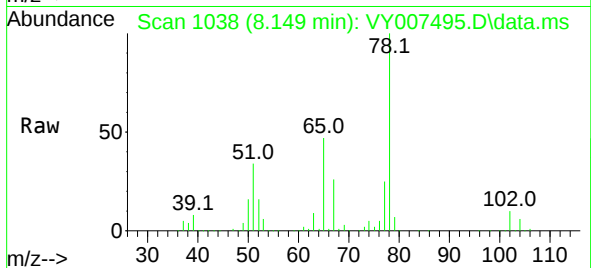
67 51.7 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

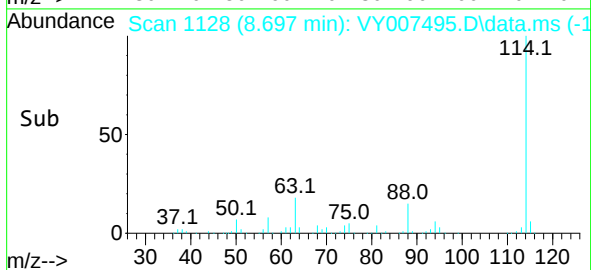
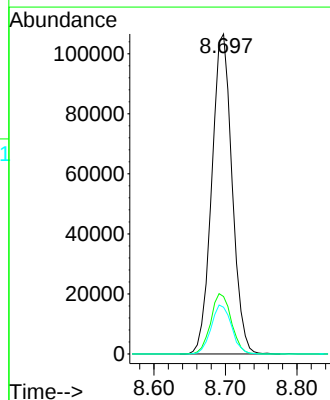
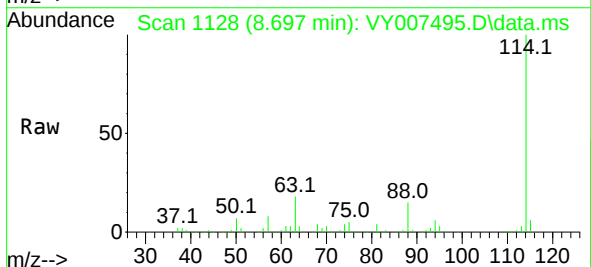
Tgt Ion:114 Resp: 209935

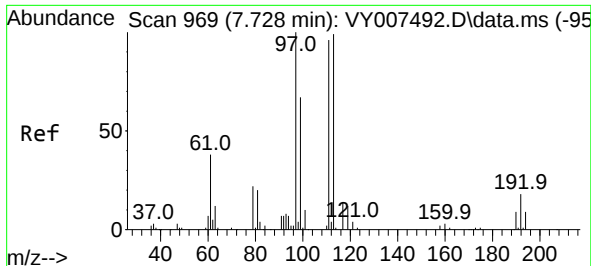
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

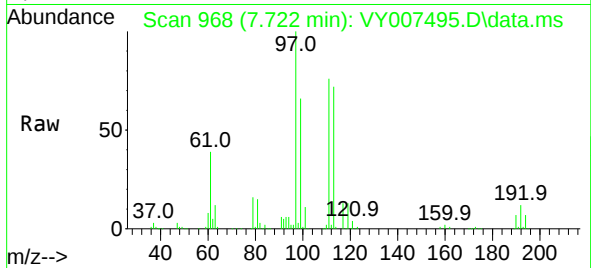
88 14.6 0.0 31.8





#35
Dibromofluoromethane
Concen: 142.075 ug/l
RT: 7.722 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

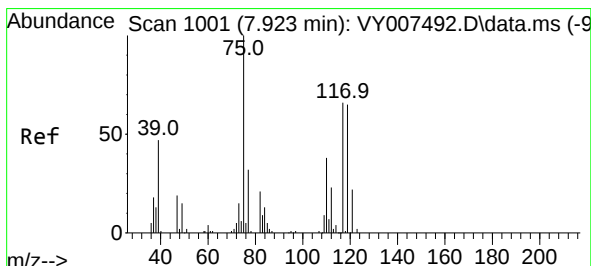
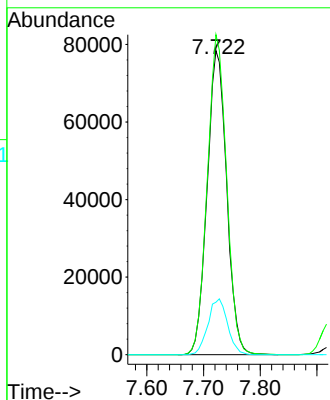
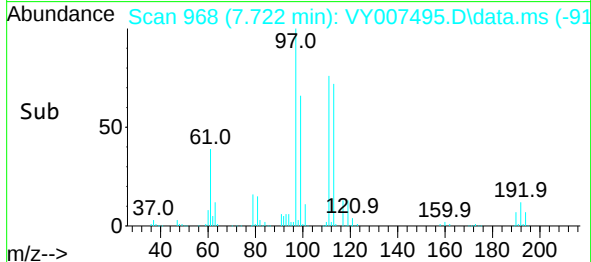
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



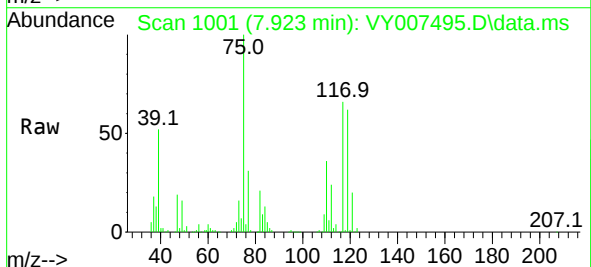
Tgt Ion: 113 Resp: 188072
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.4 17.6 26.4

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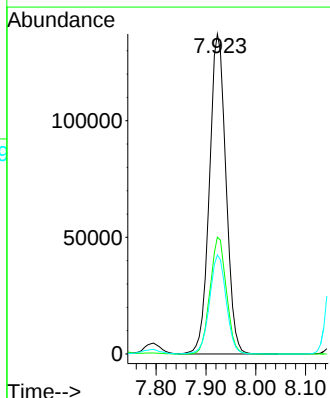
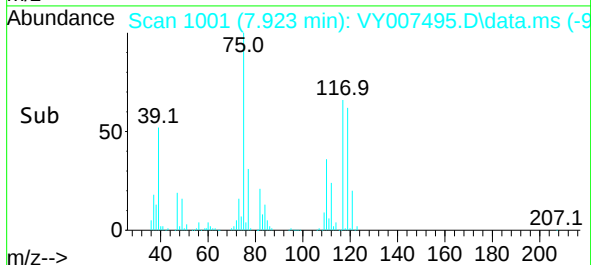
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

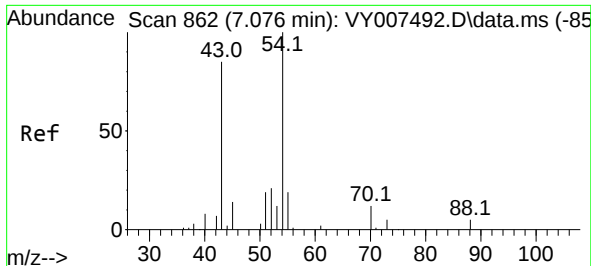


#36
1,1-Dichloropropene
Concen: 148.296 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



Tgt Ion: 75 Resp: 315983
Ion Ratio Lower Upper
75 100
110 35.9 17.1 51.2
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 127.335 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 121440

Ion Ratio Lower Upper

43 100

61 14.5 9.7 14.5

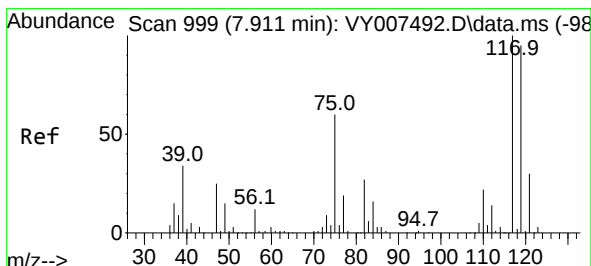
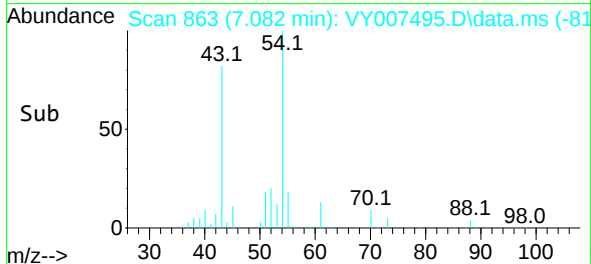
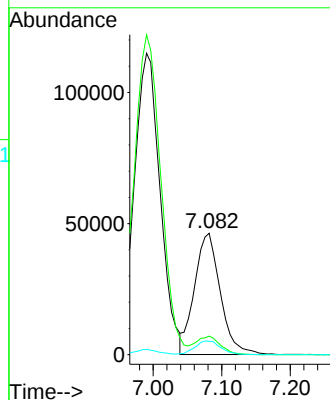
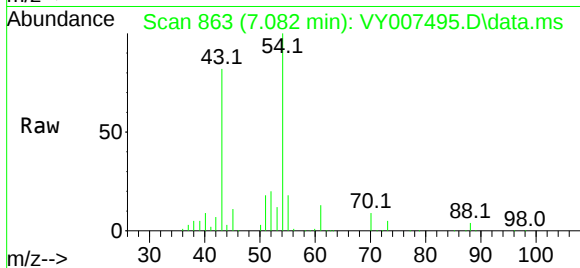
70 11.4 7.1 10.7

Manual Integrations

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Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#38

Carbon Tetrachloride

Concen: 148.185 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.000 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

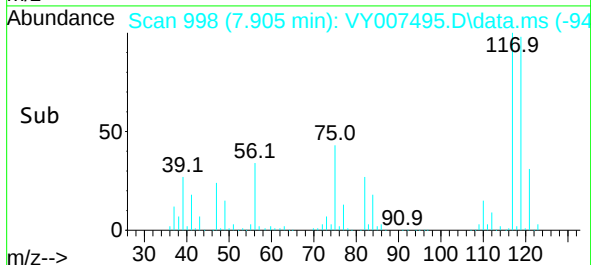
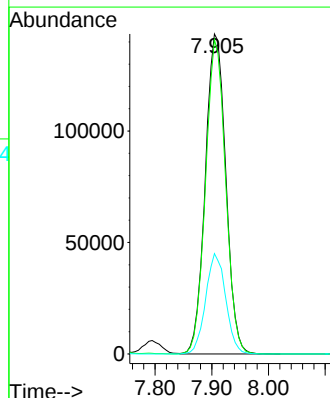
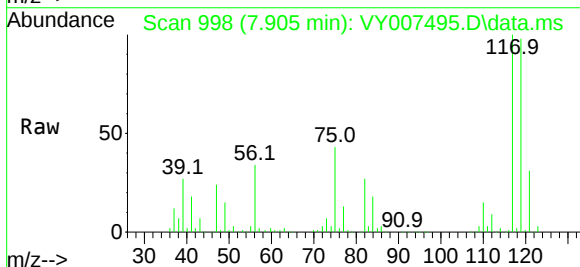
Tgt Ion:117 Resp: 361106

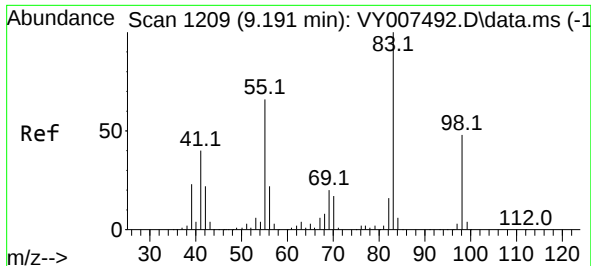
Ion Ratio Lower Upper

117 100

119 98.2 77.9 116.9

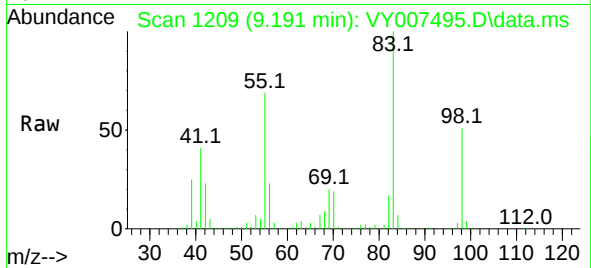
121 31.4 24.8 37.2





#39
Methylcyclohexane
Concen: 146.265 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

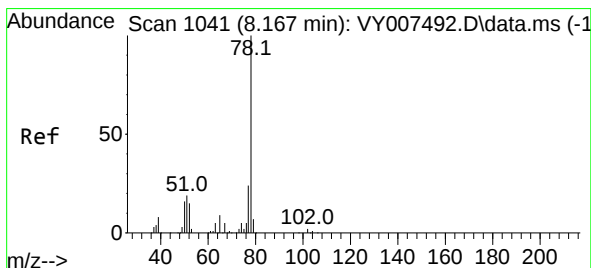
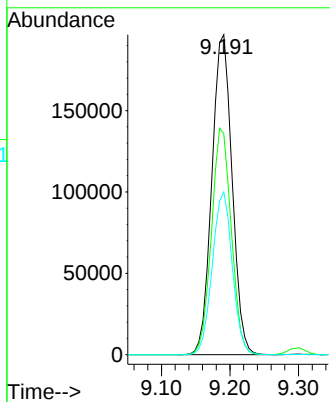
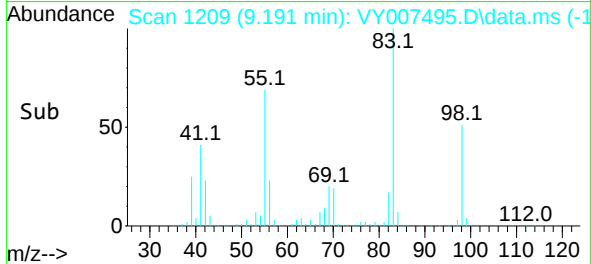
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



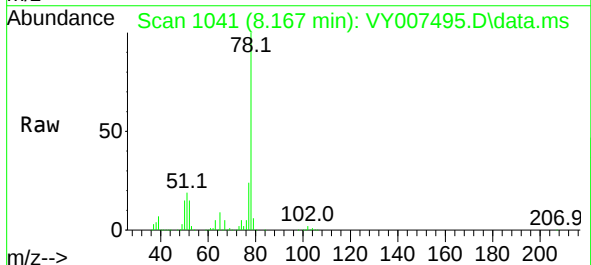
Tgt Ion: 83 Resp: 403000
Ion Ratio Lower Upper
83 100
55 69.1 66.5 99.7
98 50.9 37.9 56.9

Manual Integrations
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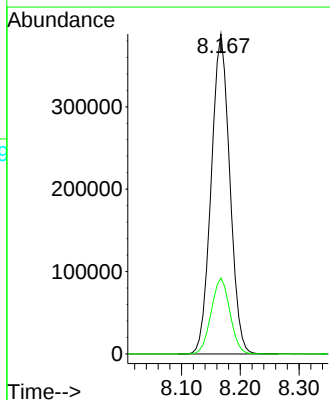
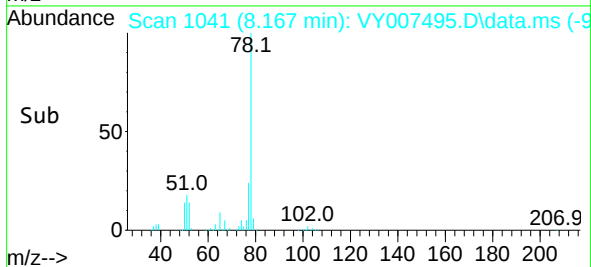
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

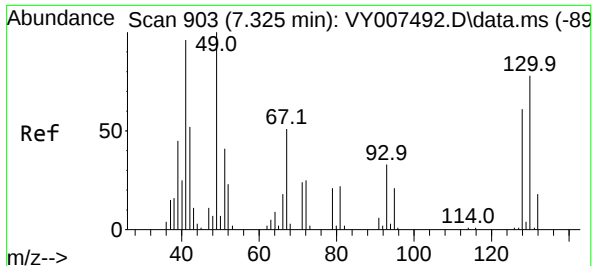


#40
Benzene
Concen: 145.584 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



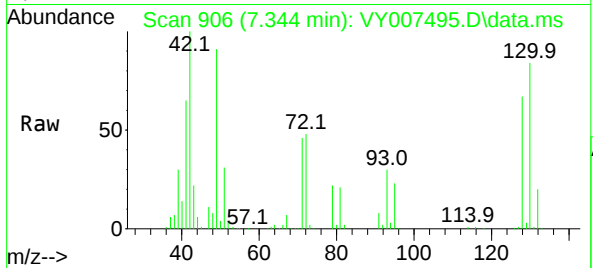
Tgt Ion: 78 Resp: 850772
Ion Ratio Lower Upper
78 100
77 23.8 20.4 30.6





#41
Methacrylonitrile
Concen: 147.759 ug/l m
RT: 7.344 min Scan# 903
Delta R.T. 0.031 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

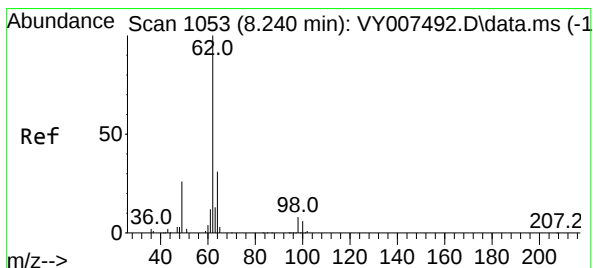
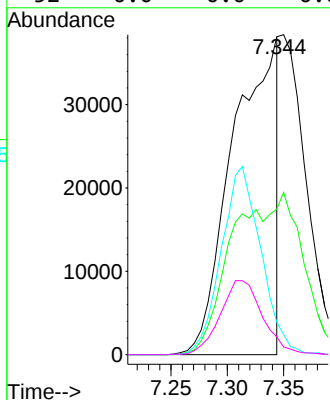
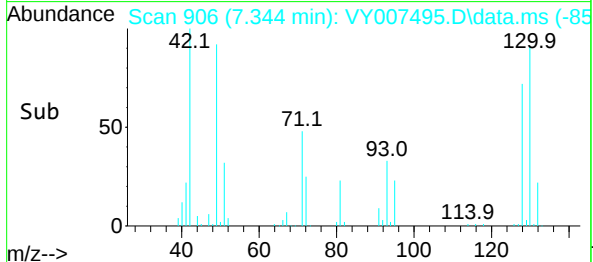
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



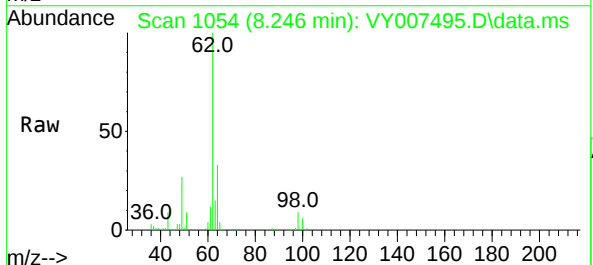
Tgt Ion: 41 Resp: 106514
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

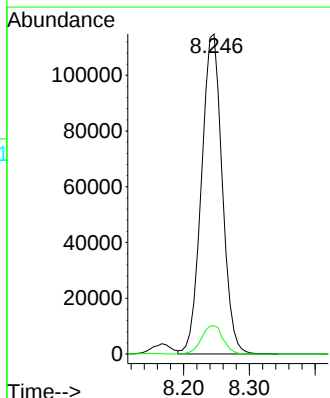
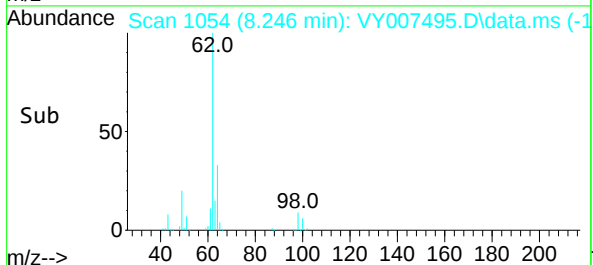
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

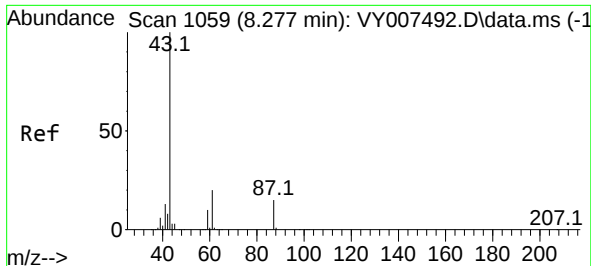


#42
1,2-Dichloroethane
Concen: 139.846 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



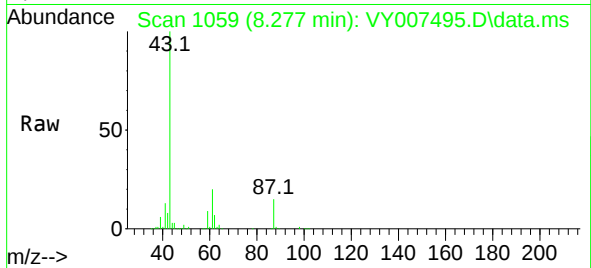
Tgt Ion: 62 Resp: 251396
Ion Ratio Lower Upper
62 100
98 9.2 0.0 14.8





#43
Isopropyl Acetate
Concen: 131.926 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

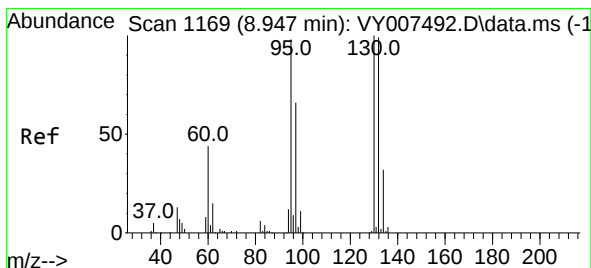
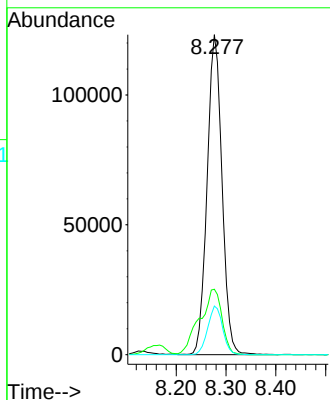
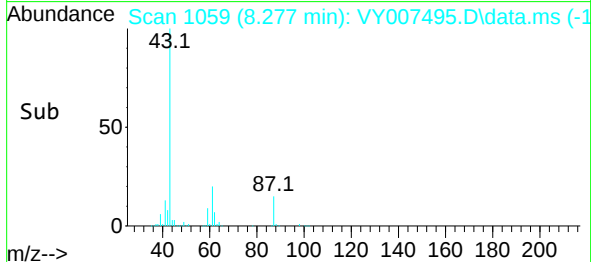
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 25566
Ion Ratio Lower Upper
43 100
61 30.5 20.2 30.2
87 15.2 8.9 13.3

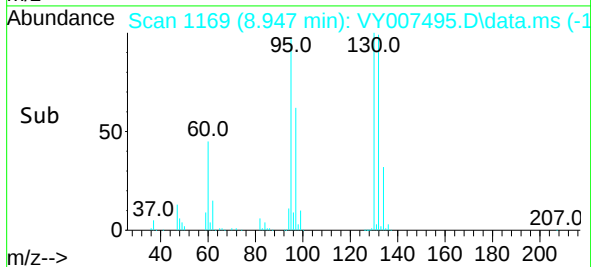
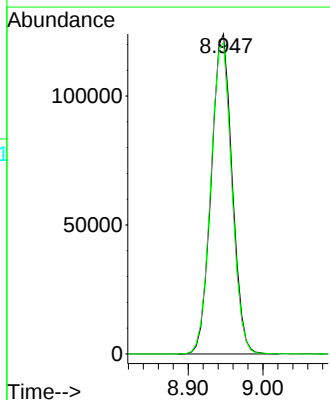
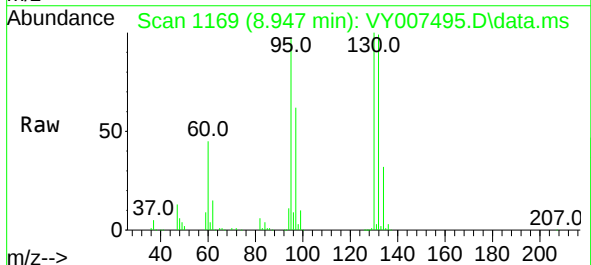
Manual Integrations
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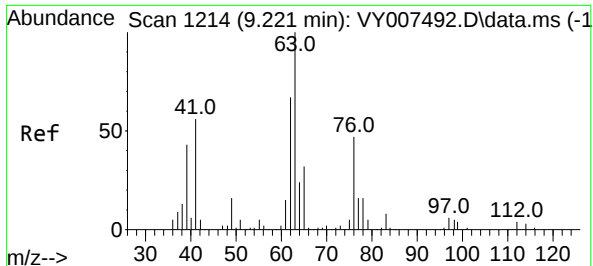
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#44
Trichloroethene
Concen: 144.402 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

Tgt Ion:130 Resp: 241388
Ion Ratio Lower Upper
130 100
95 97.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 144.233 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 199298

Ion Ratio Lower Upper

63 100

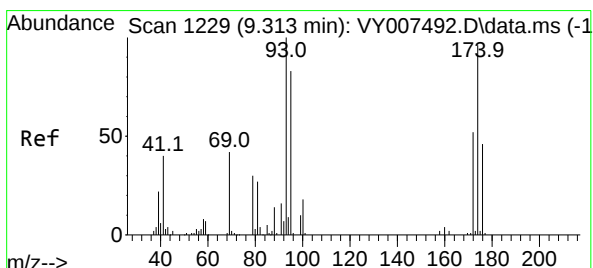
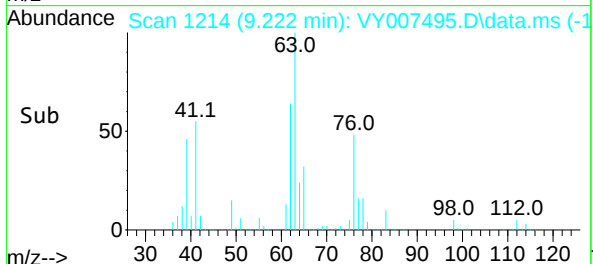
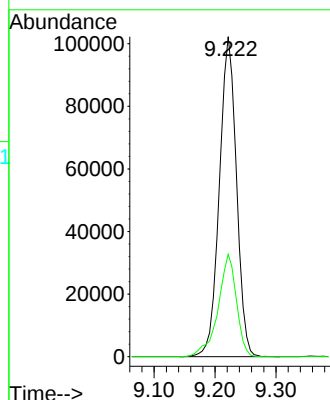
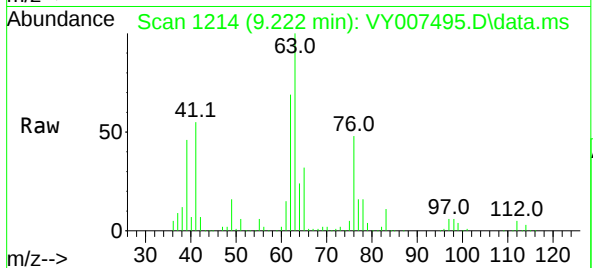
65 32.0 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#46

Dibromomethane

Concen: 137.307 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

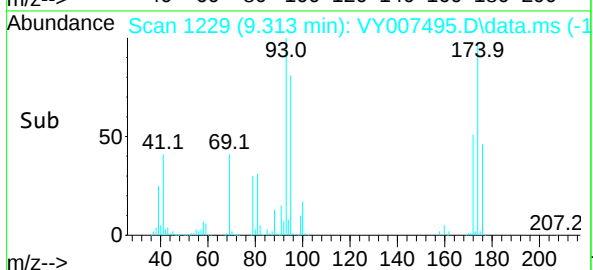
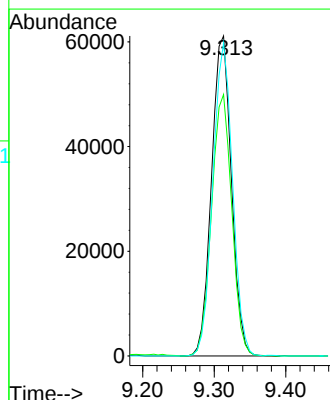
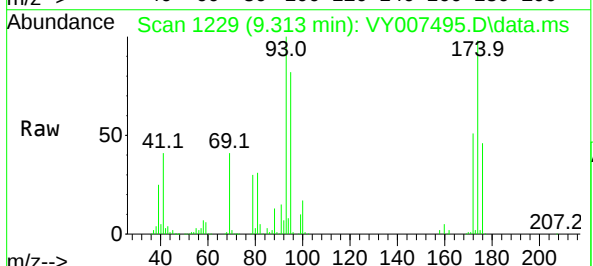
Tgt Ion: 93 Resp: 118165

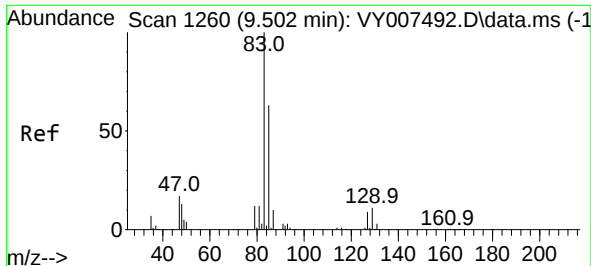
Ion Ratio Lower Upper

93 100

95 83.0 64.3 96.5

174 97.0 83.4 125.0





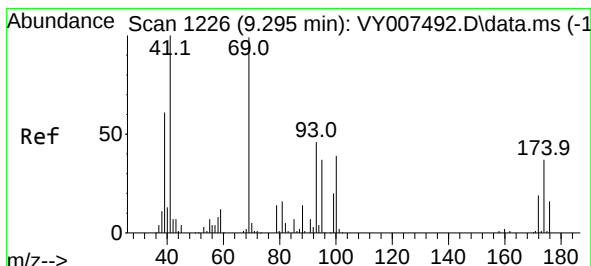
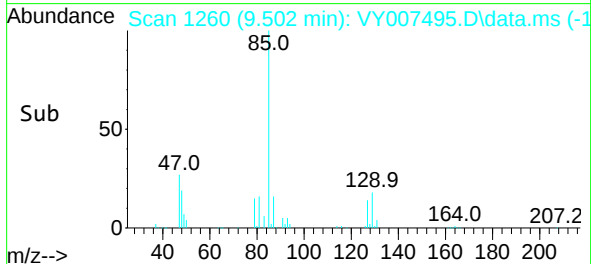
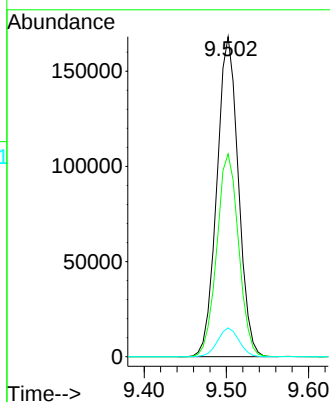
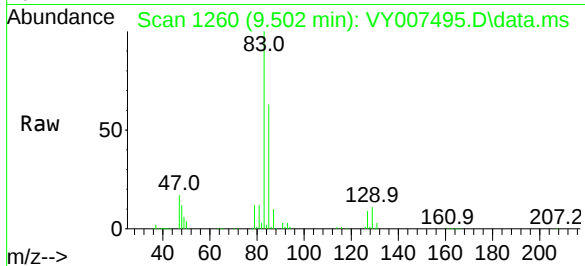
#47
Bromodichloromethane
Concen: 145.972 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 305558
Ion Ratio Lower Upper
83 100
85 63.4 51.9 77.9
127 9.0 6.6 10.0

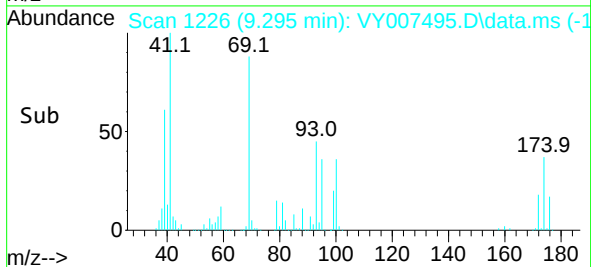
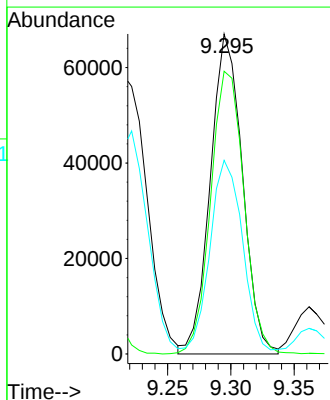
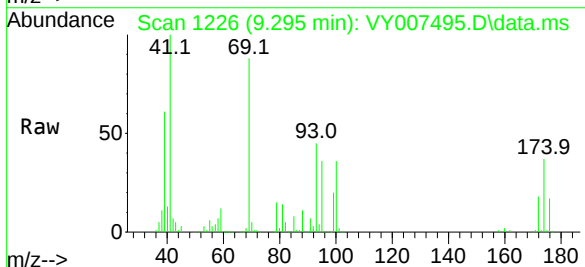
Manual Integrations
APPROVED

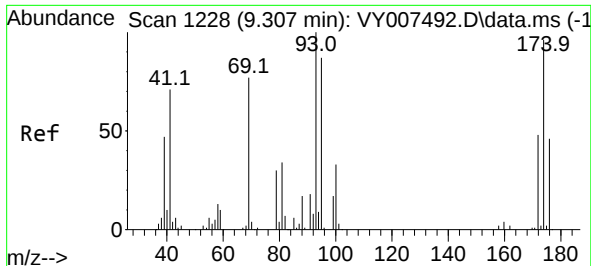
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#48
Methyl methacrylate
Concen: 138.211 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

Tgt Ion: 41 Resp: 118093
Ion Ratio Lower Upper
41 100
69 92.0 58.2 87.2#
39 59.2 47.4 71.0





#49

1,4-Dioxane

Concen: 2666.923 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 88 Resp: 24892

Ion Ratio Lower Upper

88 100

43 29.9 32.8 49.2

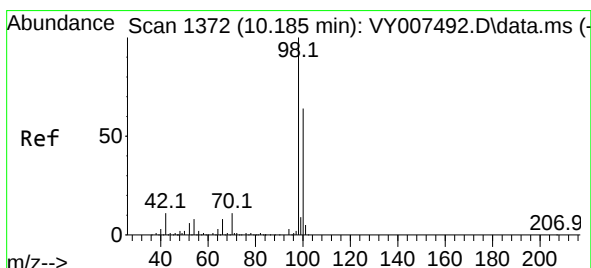
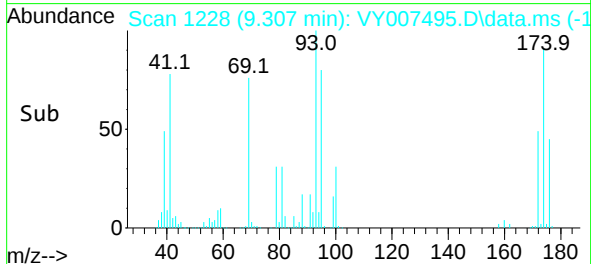
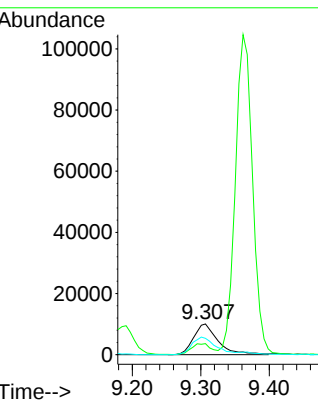
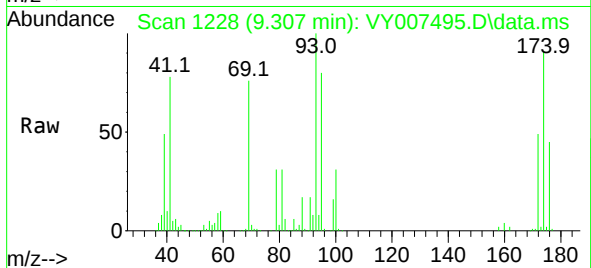
58 56.5 59.8 89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#50

Toluene-d8

Concen: 139.704 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY007495.D

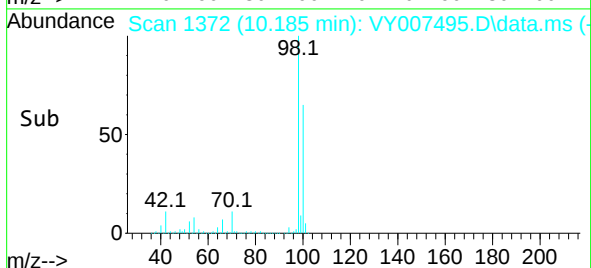
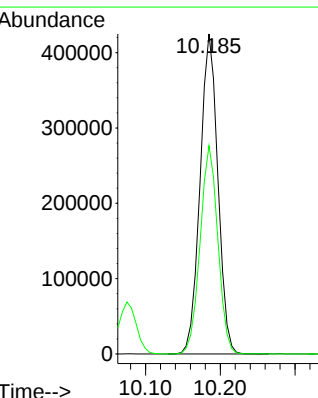
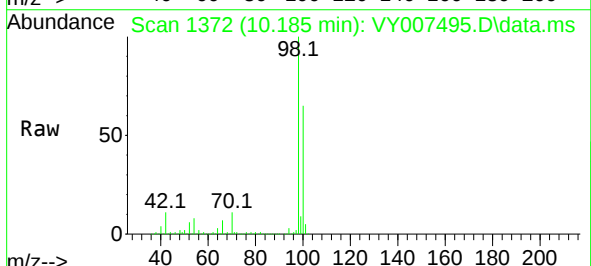
Acq: 14 Feb 2022 15:38

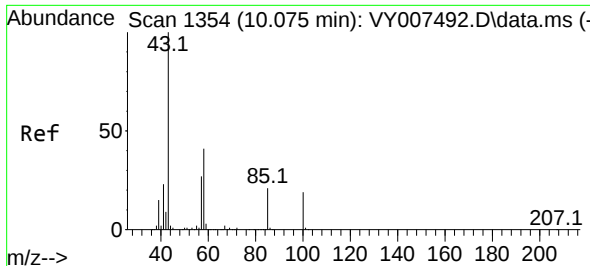
Tgt Ion: 98 Resp: 702993

Ion Ratio Lower Upper

98 100

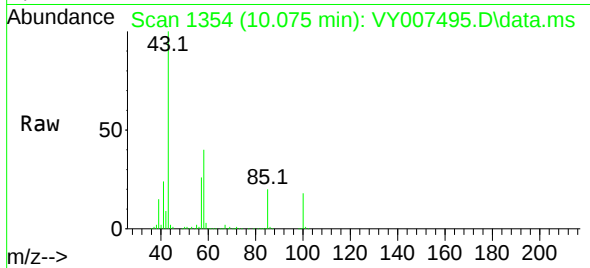
100 64.8 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 650.461 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

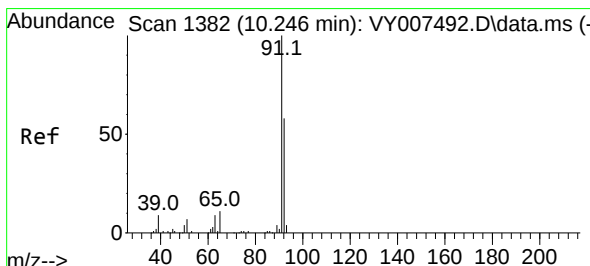
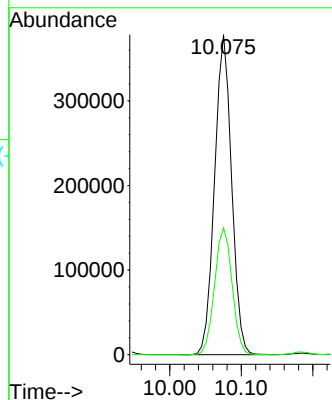
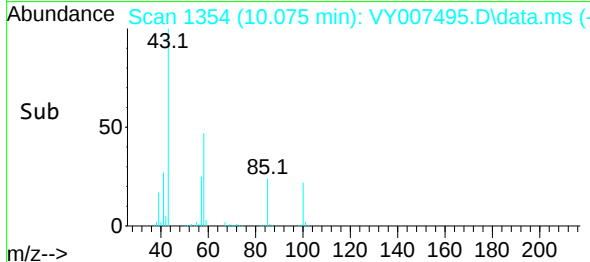
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 624740
Ion Ratio Lower Upper
43 100
58 40.7 28.1 42.1

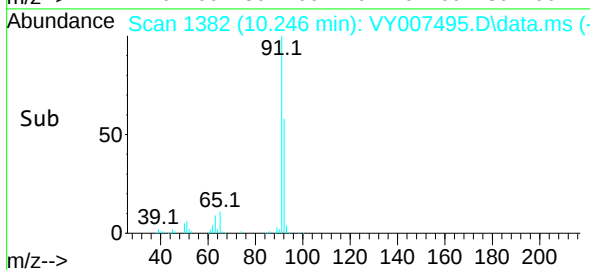
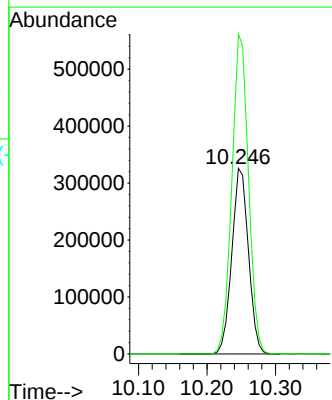
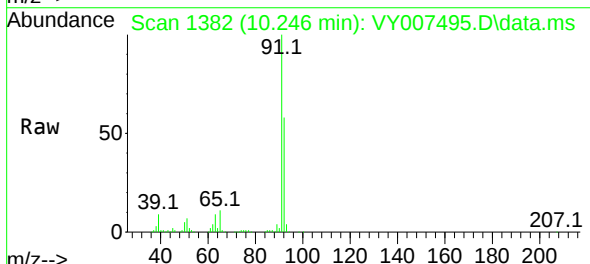
Manual Integrations
APPROVED

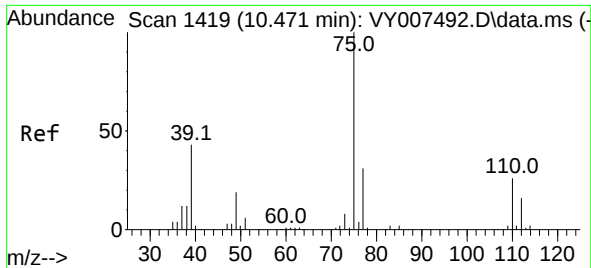
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#52
Toluene
Concen: 145.556 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

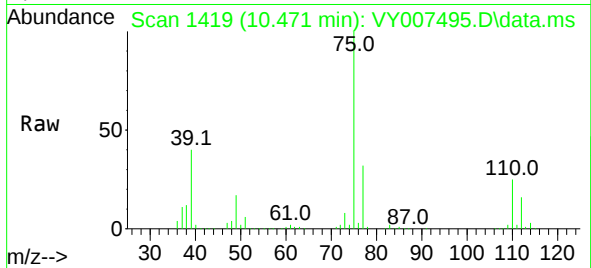
Tgt Ion: 92 Resp: 548194
Ion Ratio Lower Upper
92 100
91 172.3 142.6 213.8





#53
 t-1,3-Dichloropropene
 Concen: 142.075 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY007495.D
 Acq: 14 Feb 2022 15:38

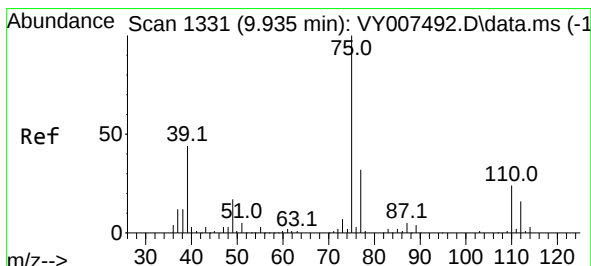
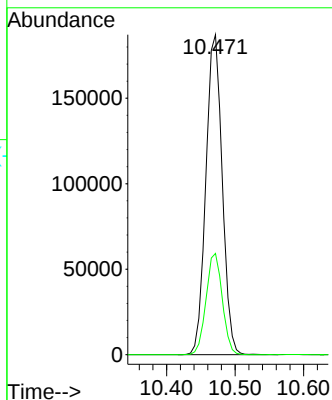
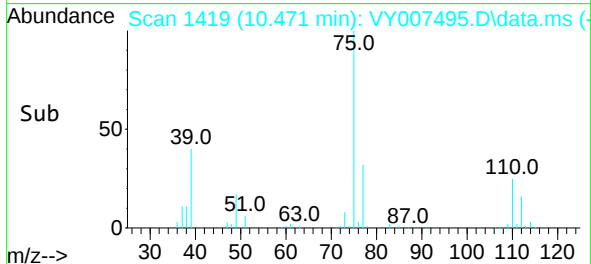
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



Tgt Ion: 75 Resp: 311038
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2

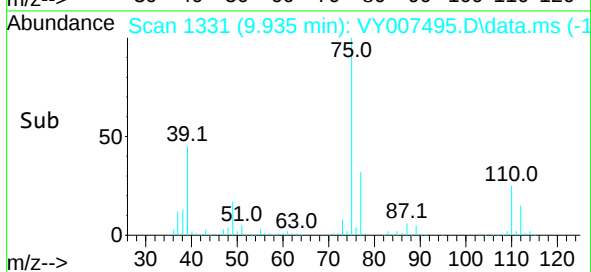
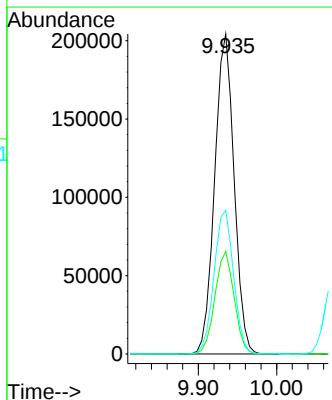
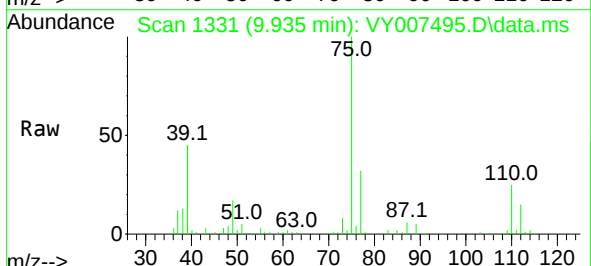
Manual Integrations
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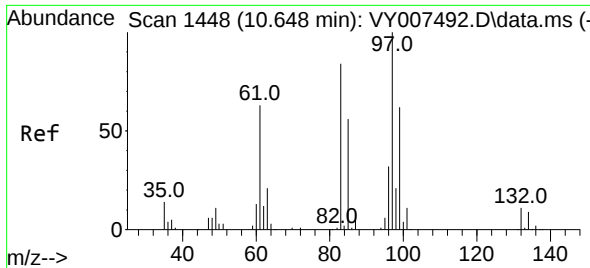
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/21/2022



#54
 cis-1,3-Dichloropropene
 Concen: 143.947 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY007495.D
 Acq: 14 Feb 2022 15:38

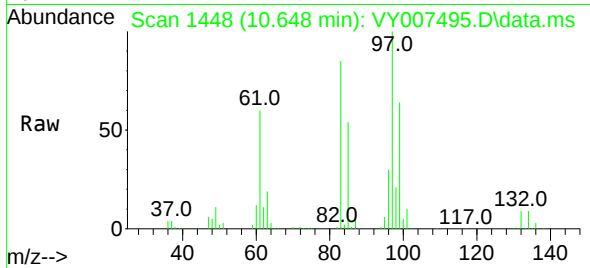
Tgt Ion: 75 Resp: 351887
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4
 39 44.9 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 136.162 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

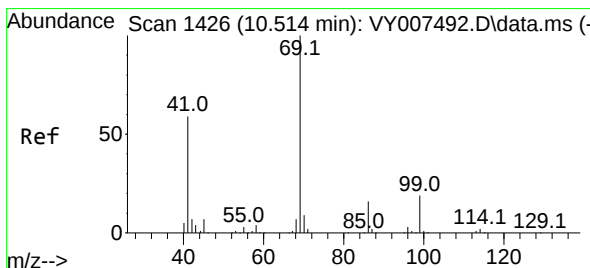
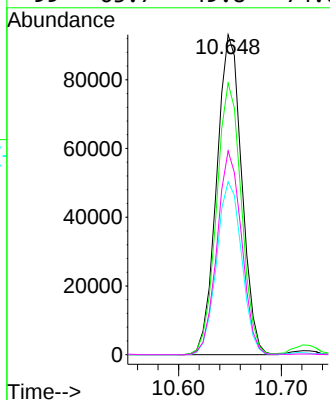
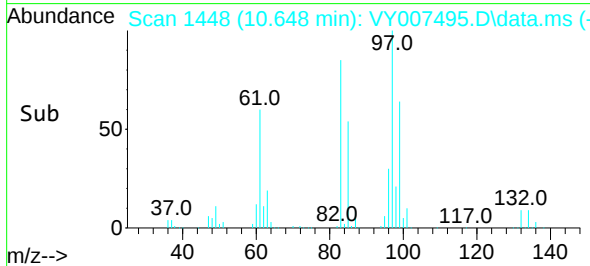
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



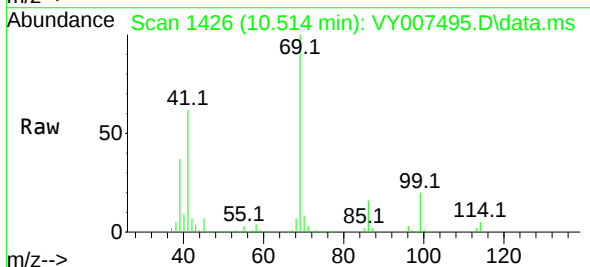
Tgt Ion: 97 Resp: 157472
Ion Ratio Lower Upper
97 100
83 84.9 69.8 104.8
85 54.1 44.3 66.5
99 63.7 49.8 74.6

Manual Integrations
APPROVED

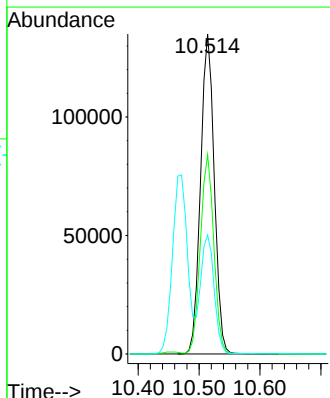
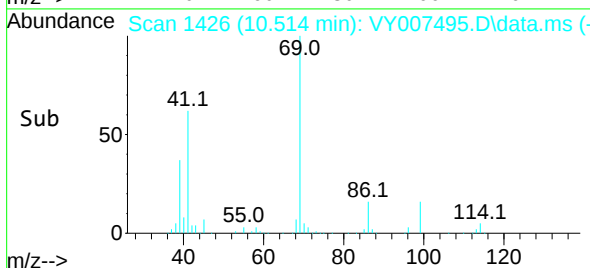
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

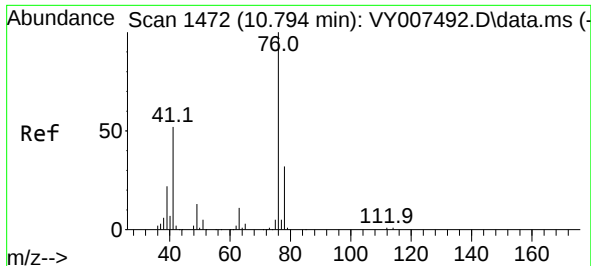


#56
Ethyl methacrylate
Concen: 137.214 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



Tgt Ion: 69 Resp: 211003
Ion Ratio Lower Upper
69 100
41 61.1 63.4 95.0#
39 35.1 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 138.683 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 27270

Ion Ratio Lower Upper

76 100

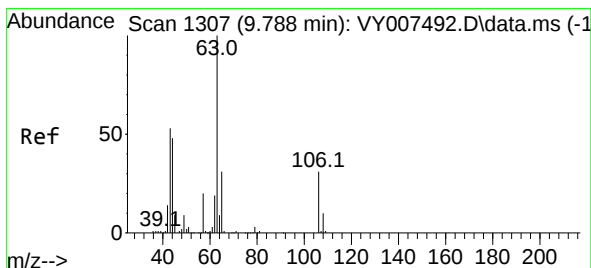
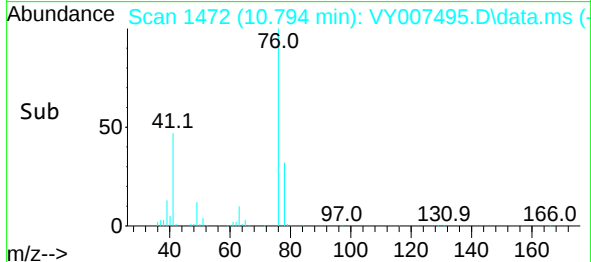
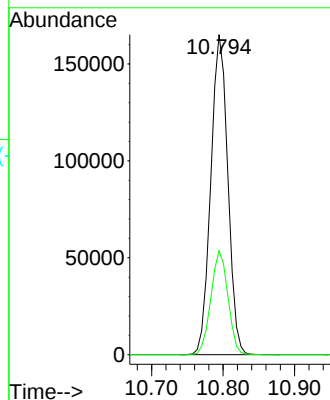
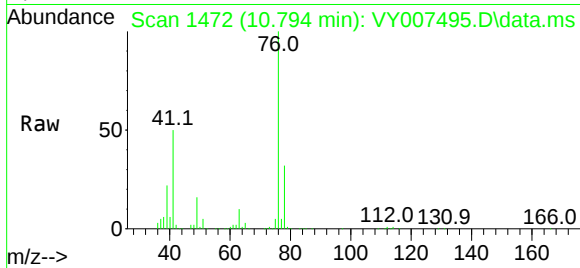
78 32.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 712.661 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY007495.D

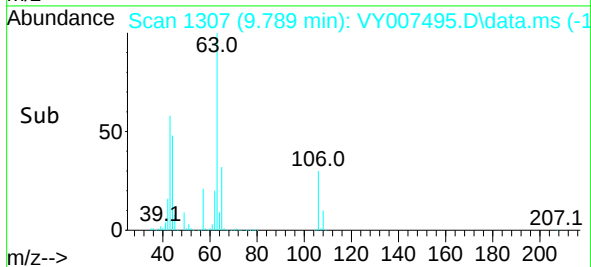
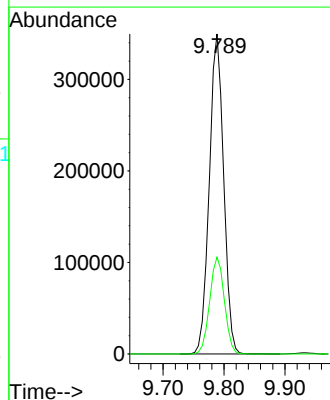
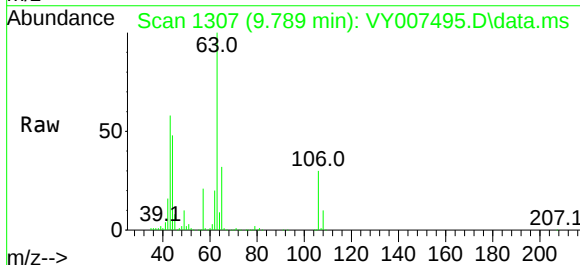
Acq: 14 Feb 2022 15:38

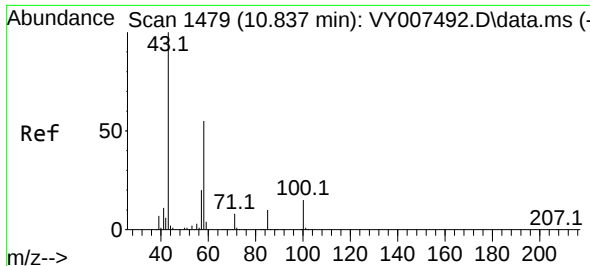
Tgt Ion: 63 Resp: 572980

Ion Ratio Lower Upper

63 100

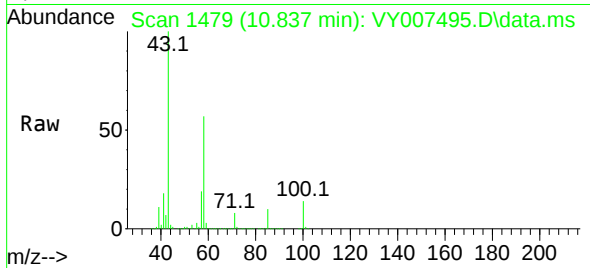
106 30.8 21.5 32.3





#59
2-Hexanone
Concen: 655.128 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

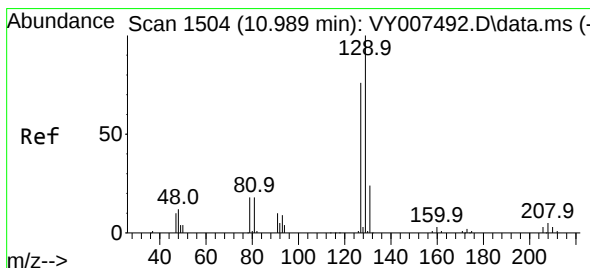
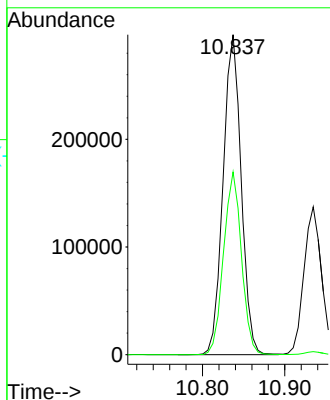
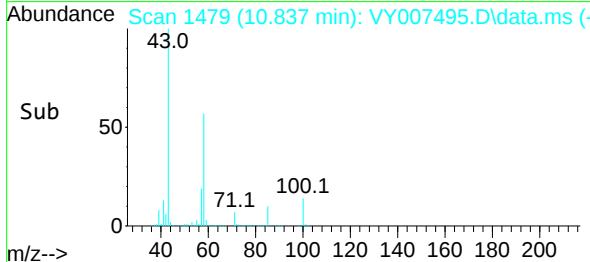
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 45428
Ion Ratio Lower Upper
43 100
58 56.5 24.4 73.4

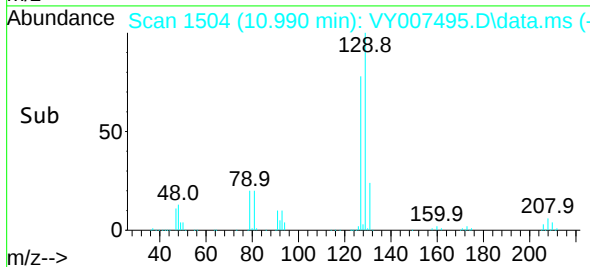
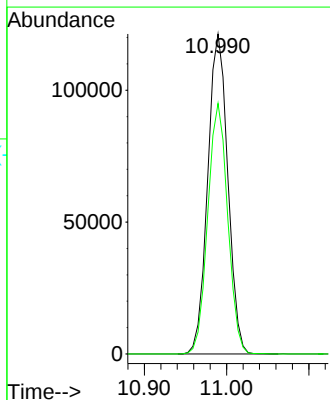
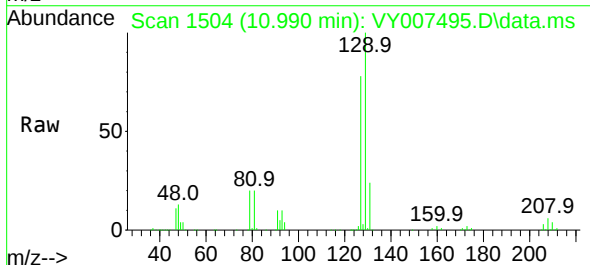
Manual Integrations
APPROVED

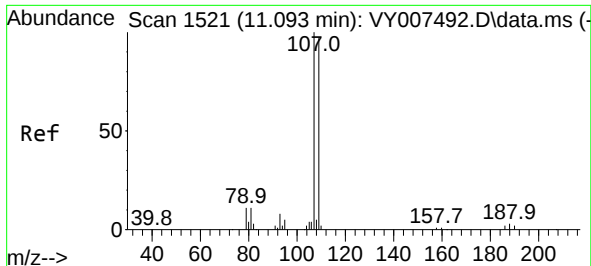
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#60
Dibromochloromethane
Concen: 141.599 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

Tgt Ion:129 Resp: 206002
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





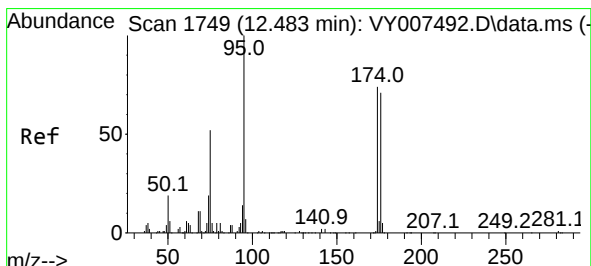
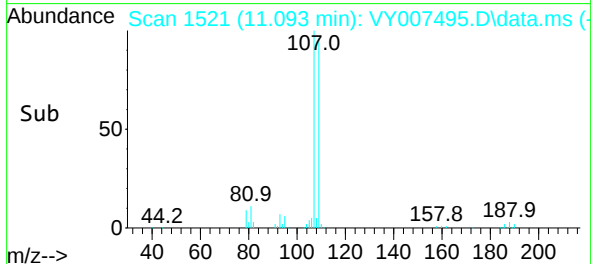
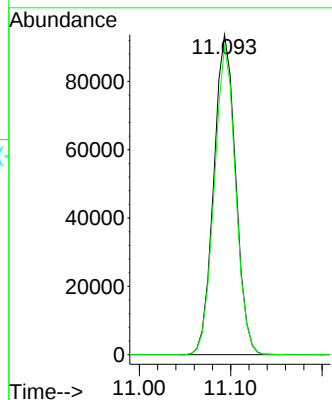
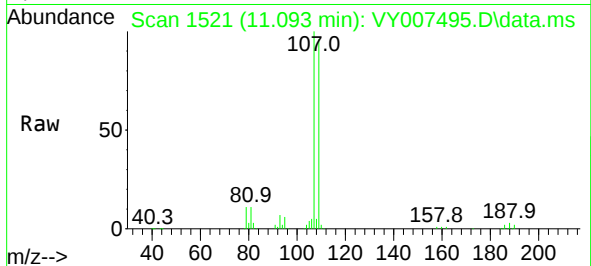
#61
1,2-Dibromoethane
Concen: 136.381 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:107 Resp: 15566
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2

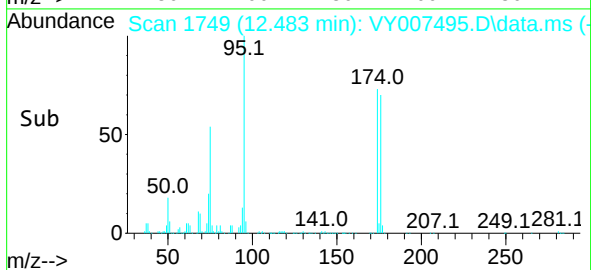
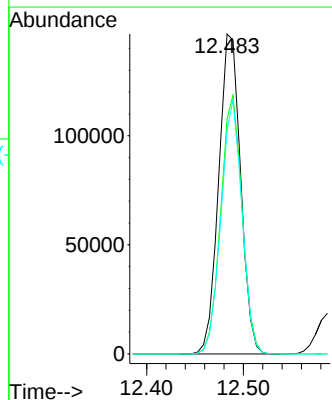
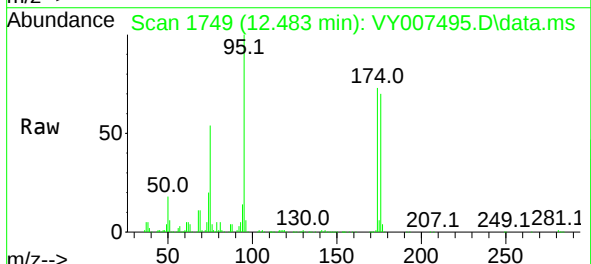
Manual Integrations
APPROVED

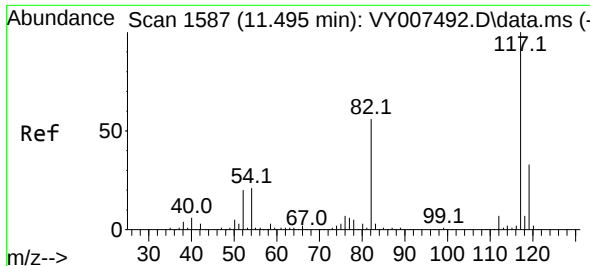
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#62
4-Bromofluorobenzene
Concen: 133.837 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

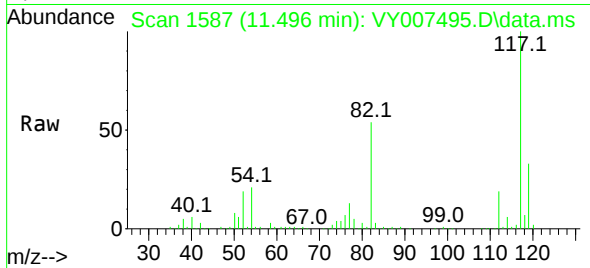
Tgt Ion: 95 Resp: 229747
Ion Ratio Lower Upper
95 100
174 79.0 0.0 177.0
176 76.4 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

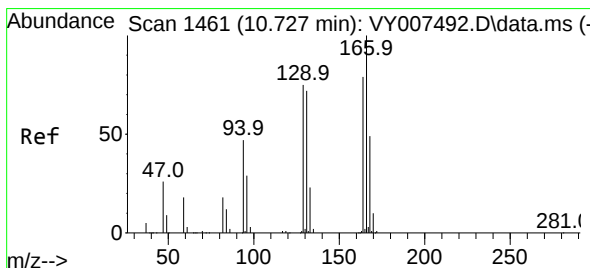
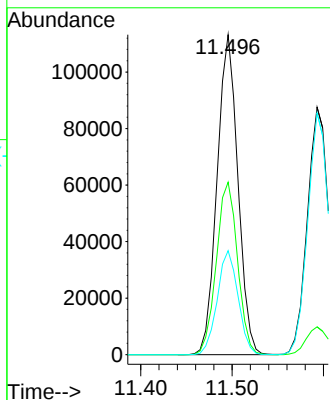
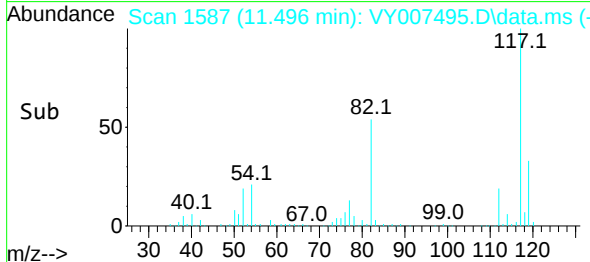
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



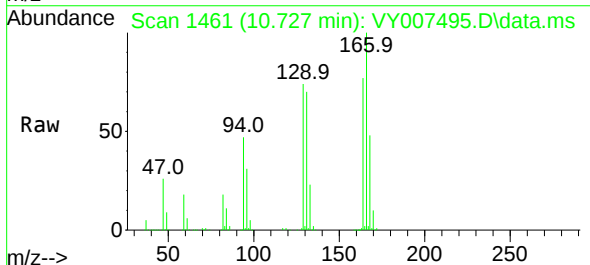
Tgt Ion:117 Resp: 17928
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 32.5 25.4 38.0

Manual Integrations
APPROVED

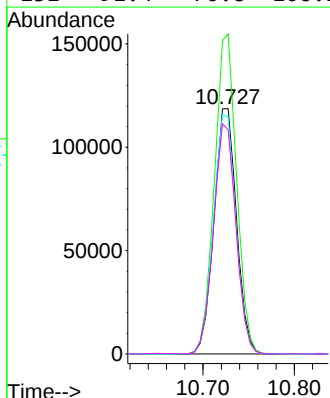
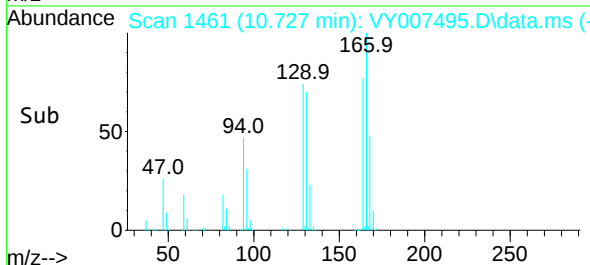
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

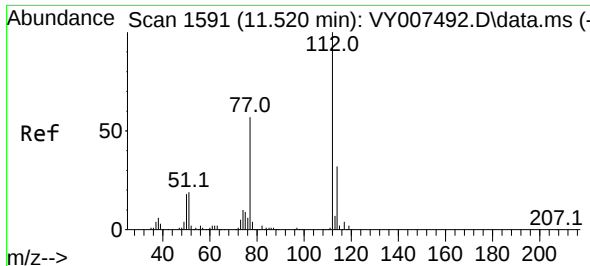


#64
Tetrachloroethene
Concen: 143.889 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



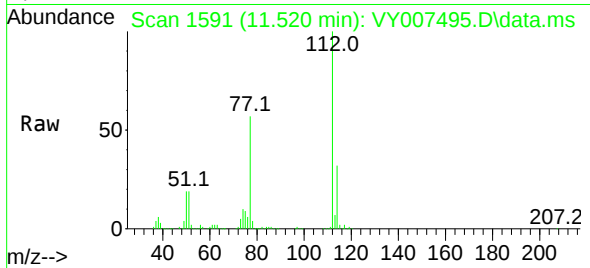
Tgt Ion:164 Resp: 203092
Ion Ratio Lower Upper
164 100
166 130.4 100.4 150.6
129 96.6 71.4 107.0
131 91.4 70.8 106.2





#65
Chlorobenzene
Concen: 146.763 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. -0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

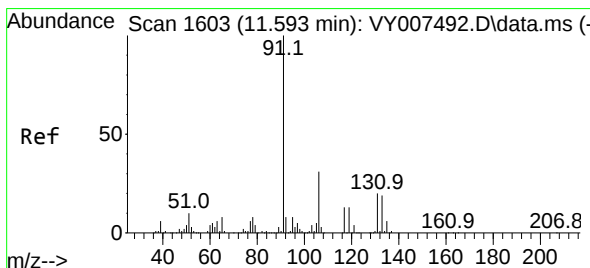
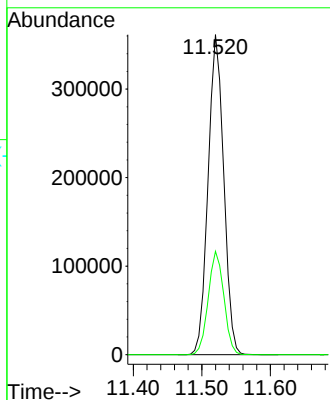
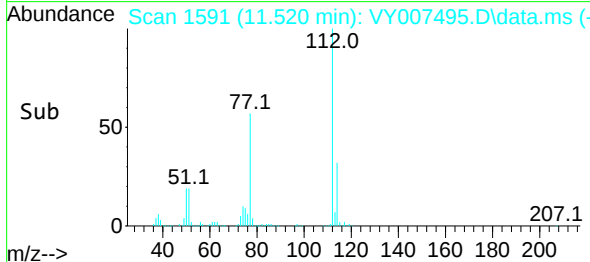
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



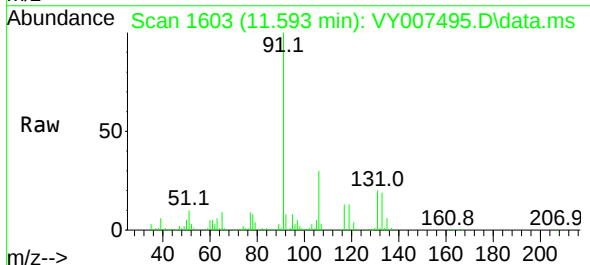
Tgt Ion:112 Resp: 573264
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6

Manual Integrations
APPROVED

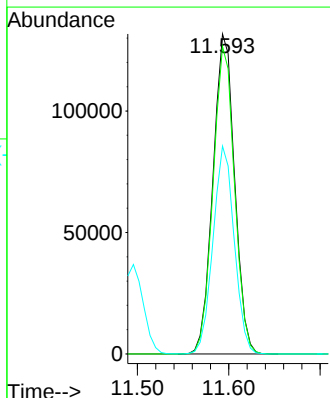
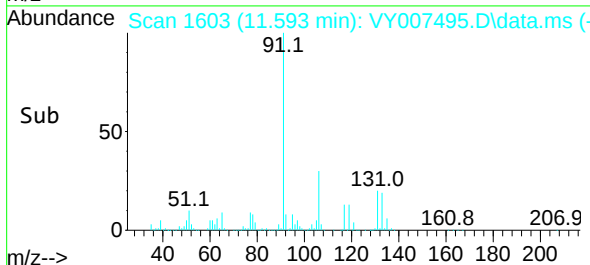
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

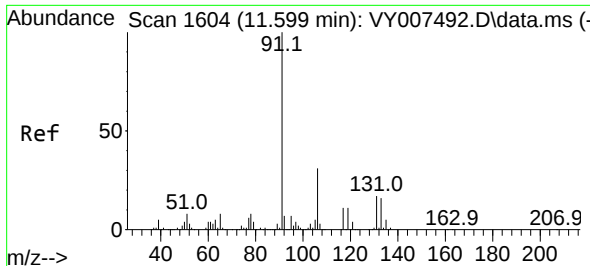


#66
1,1,1,2-Tetrachloroethane
Concen: 146.103 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



Tgt Ion:131 Resp: 216468
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 63.7 30.8 92.3





#67

Ethyl Benzene

Concen: 148.704 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 108518

Ion Ratio Lower Upper

91 100

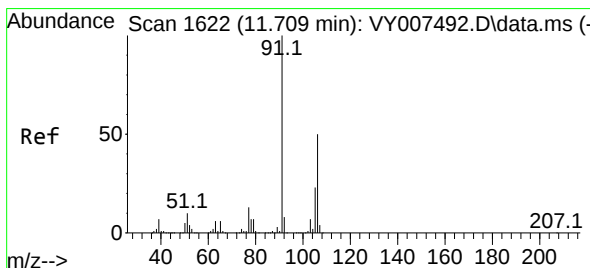
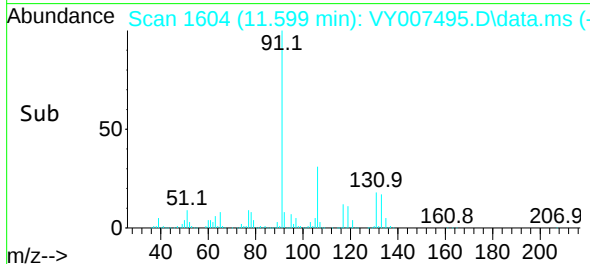
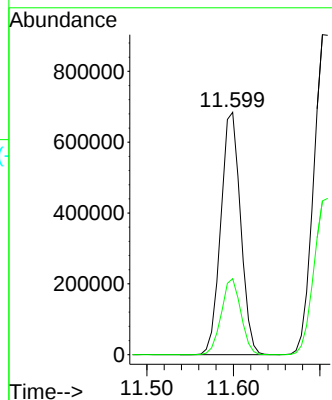
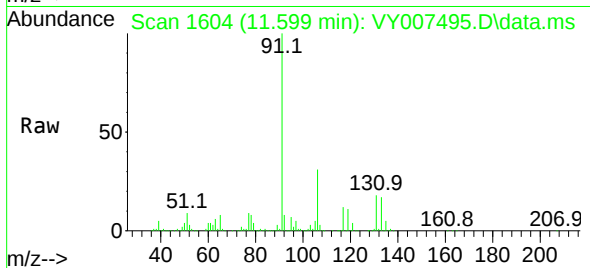
106 31.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#68

m/p-Xylenes

Concen: 296.351 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY007495.D

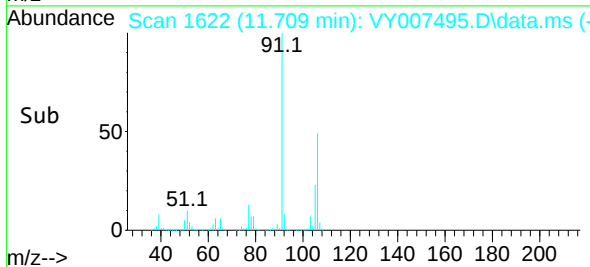
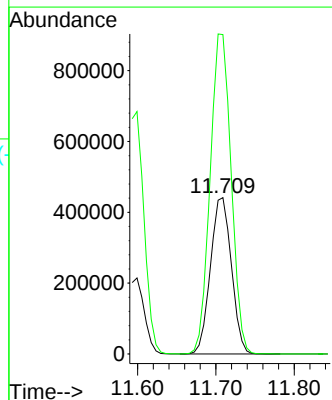
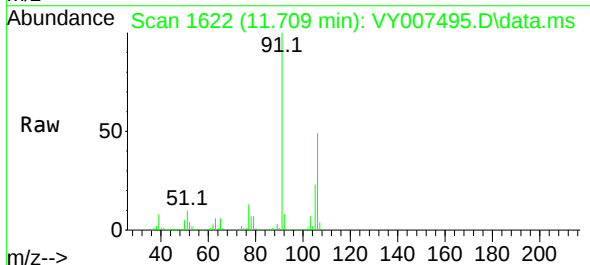
Acq: 14 Feb 2022 15:38

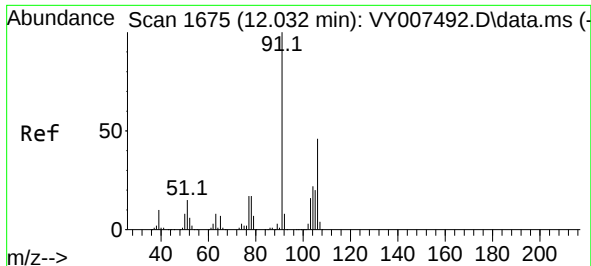
Tgt Ion:106 Resp: 819545

Ion Ratio Lower Upper

106 100

91 205.4 166.6 249.8





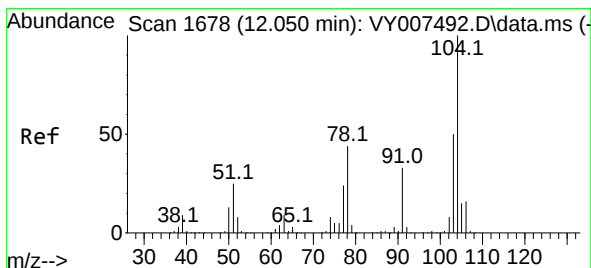
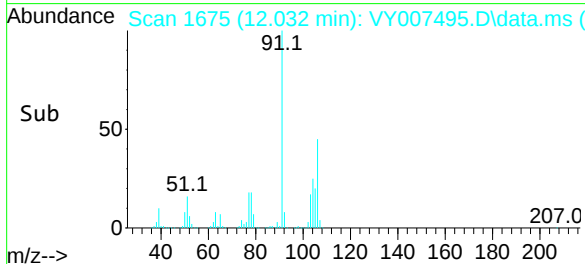
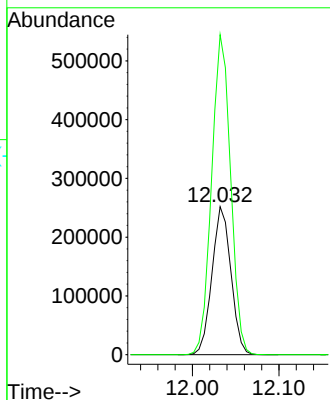
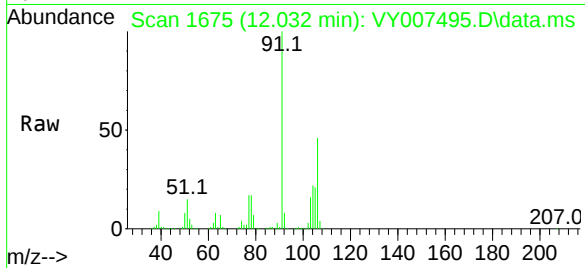
#69
o-Xylene
Concen: 145.351 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 382452
Ion Ratio Lower Upper
106 100
91 216.8 110.3 331.0

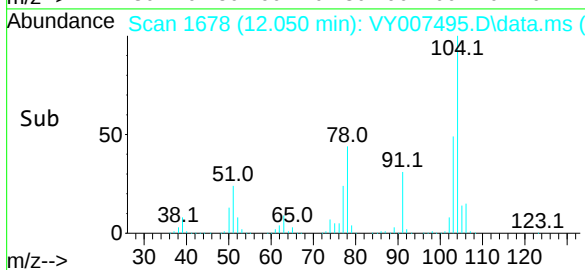
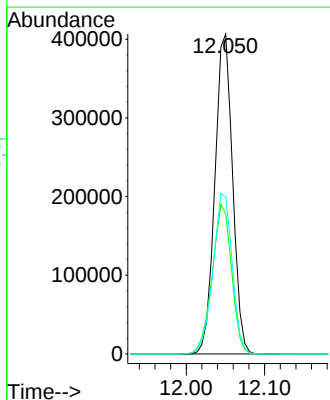
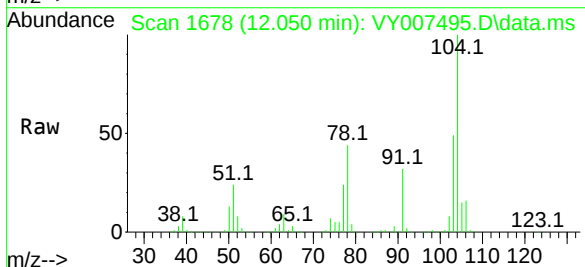
Manual Integrations
APPROVED

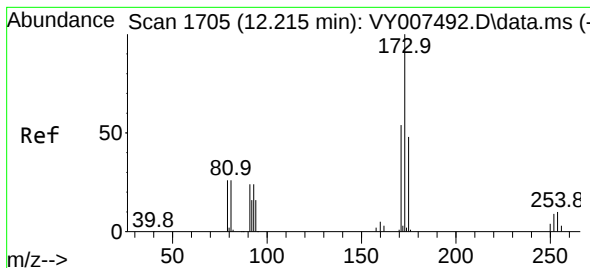
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#70
Styrene
Concen: 148.300 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

Tgt Ion:104 Resp: 638954
Ion Ratio Lower Upper
104 100
78 51.1 42.4 63.6
103 54.7 44.4 66.6





#71

Bromoform

Concen: 140.745 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 115124

Ion Ratio Lower Upper

173 100

175 48.8 24.6 74.0

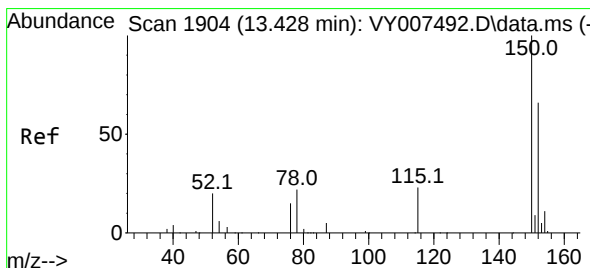
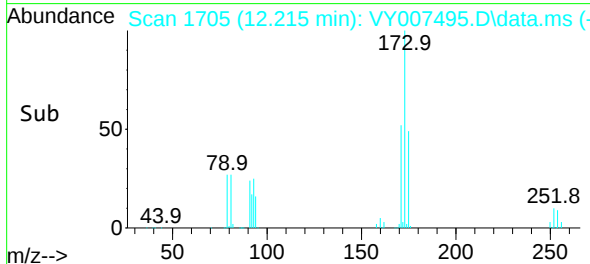
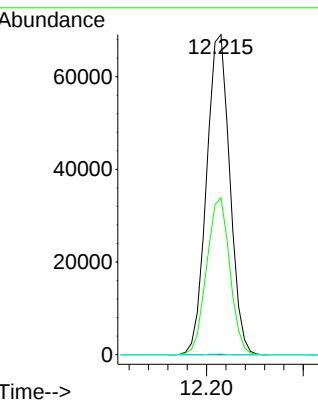
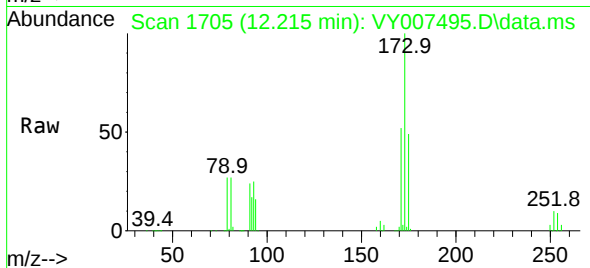
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

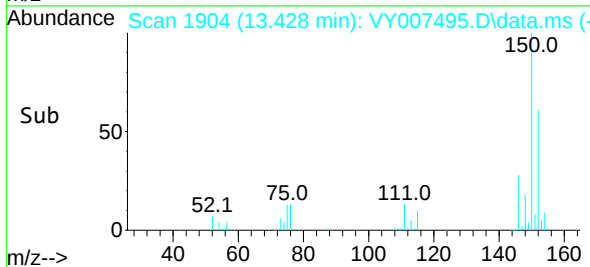
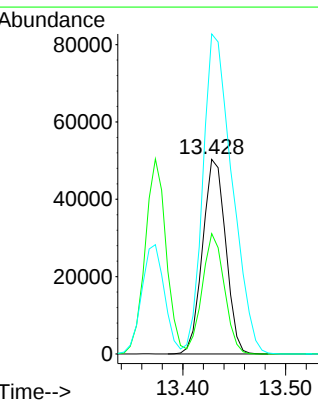
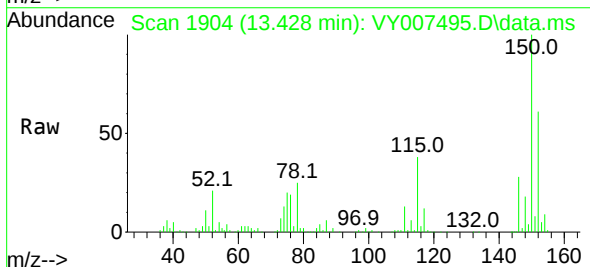
Tgt Ion:152 Resp: 78509

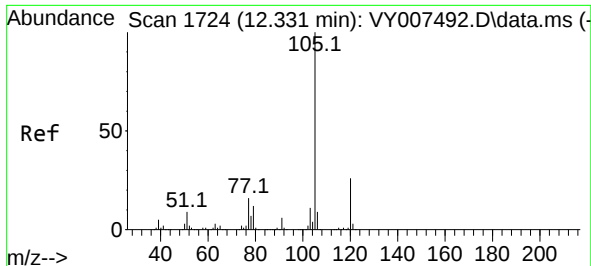
Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 208.0 0.0 347.6





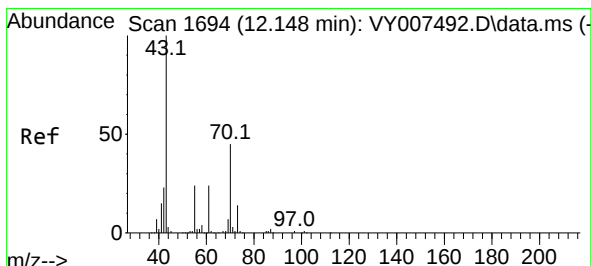
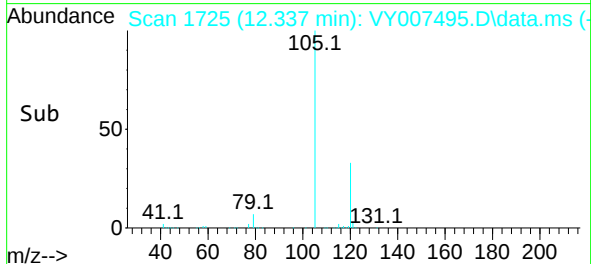
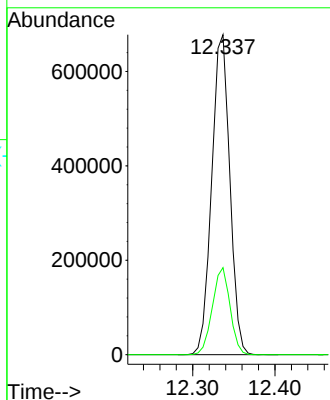
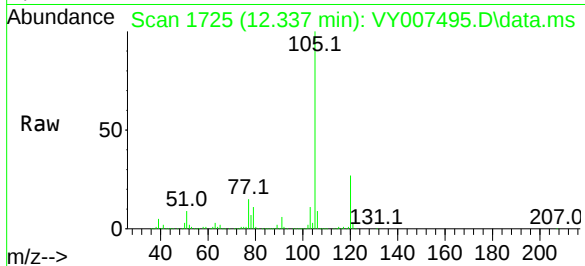
#73
Isopropylbenzene
Concen: 149.639 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:105 Resp: 1037010
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

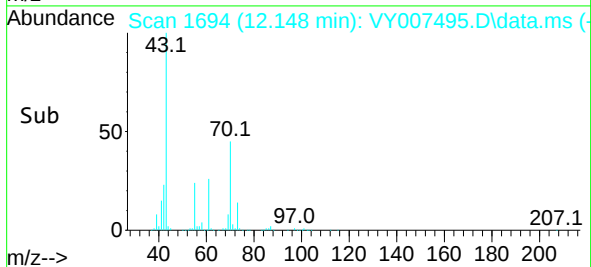
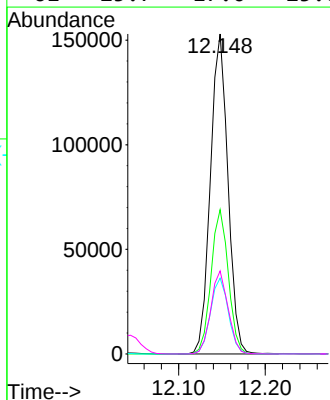
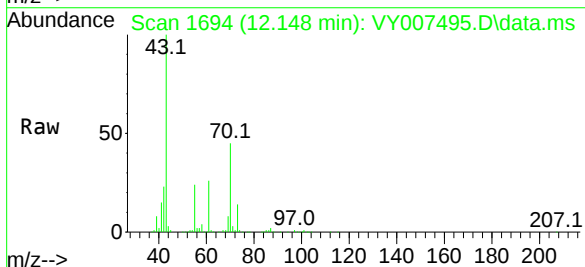
Manual Integrations
APPROVED

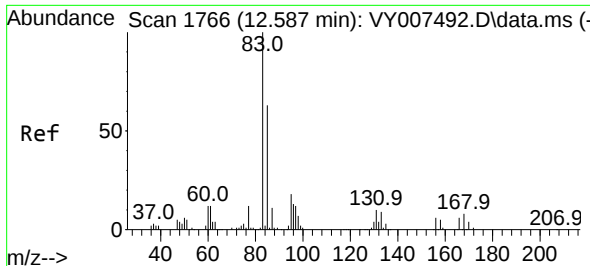
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#74
N-amy1 acetate
Concen: 138.899 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

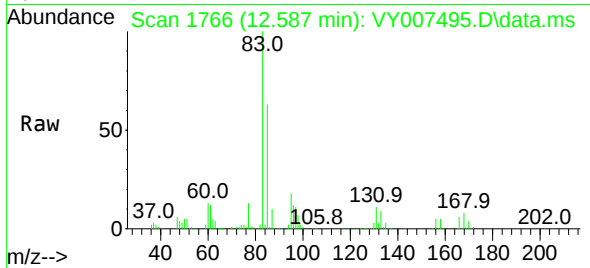
Tgt Ion: 43 Resp: 215189
Ion Ratio Lower Upper
43 100
70 44.6 28.7 43.1#
55 24.2 17.3 25.9
61 25.7 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 137.214 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

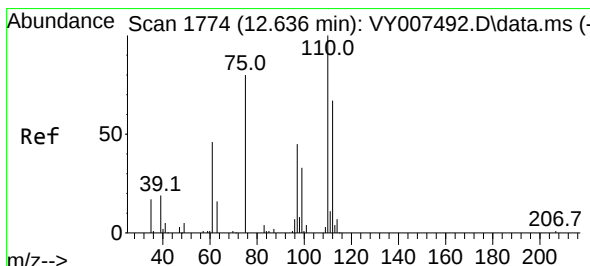
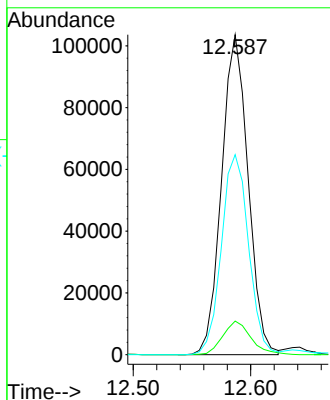
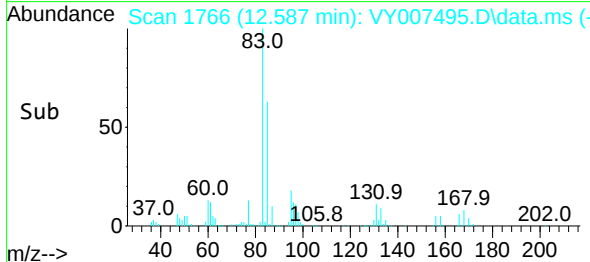
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



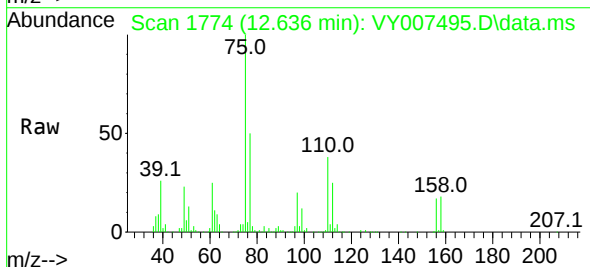
Tgt Ion: 83 Resp: 16228
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 64.1 32.3 96.8

Manual Integrations
APPROVED

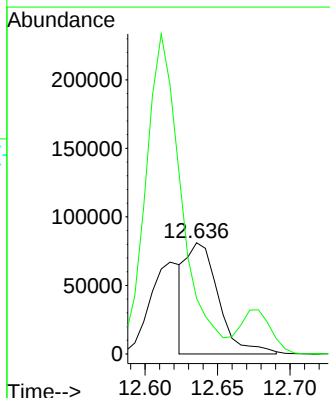
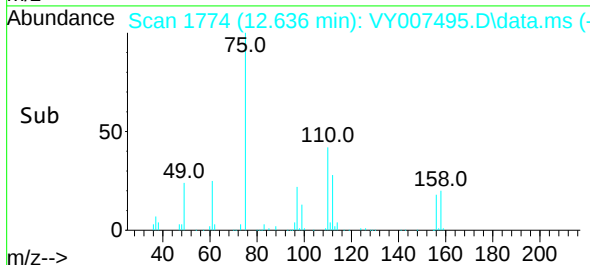
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

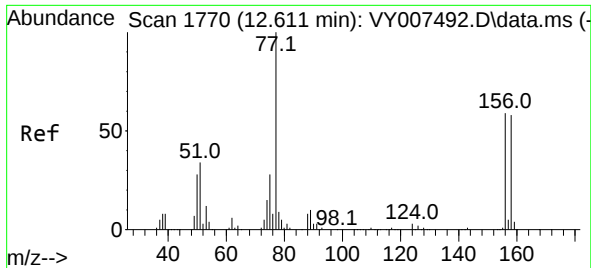


#76
1,2,3-Trichloropropane
Concen: 122.204 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



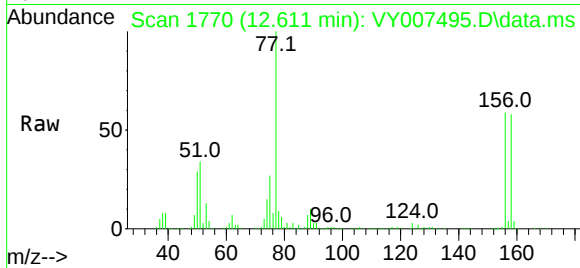
Tgt Ion: 75 Resp: 126294
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 146.194 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

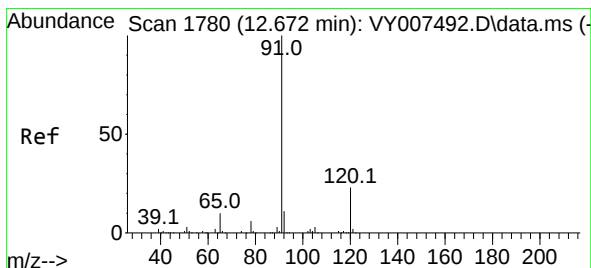
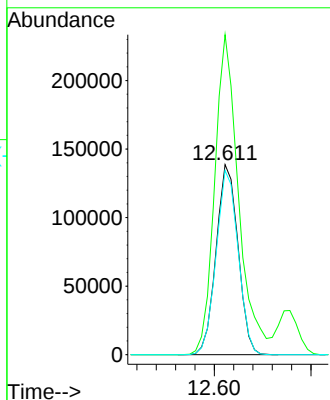
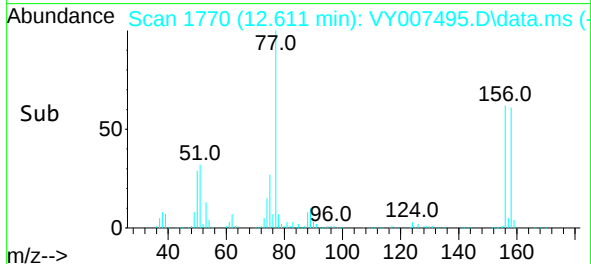
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



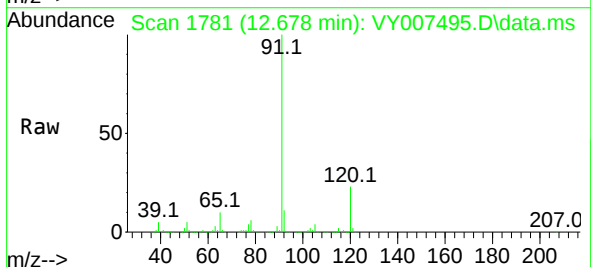
Tgt Ion:156 Resp: 218025
Ion Ratio Lower Upper
156 100
77 182.3 95.5 286.4
158 97.1 48.0 144.0

Manual Integrations
APPROVED

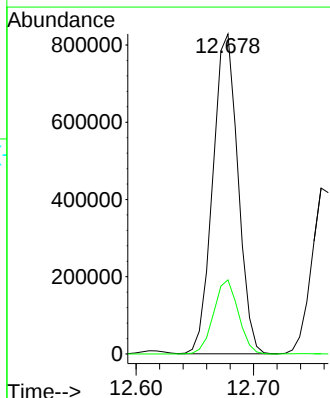
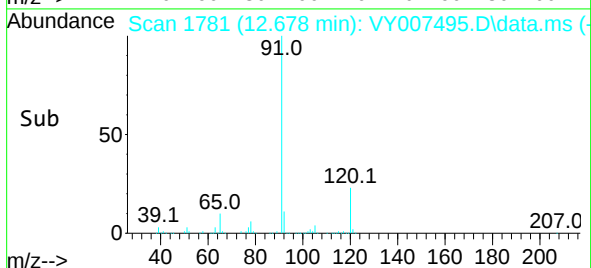
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

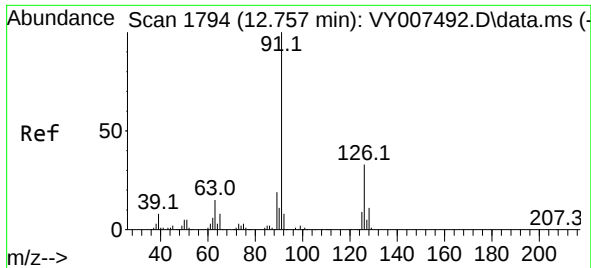


#78
n-propylbenzene
Concen: 148.464 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



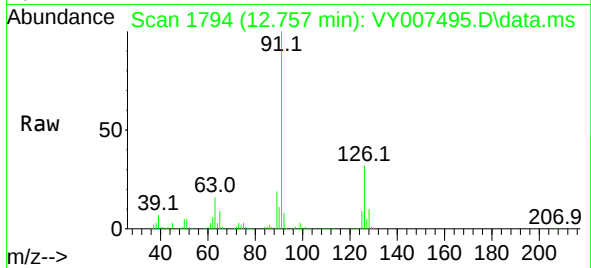
Tgt Ion: 91 Resp: 1235712
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9





#79
2-Chlorotoluene
Concen: 147.649 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

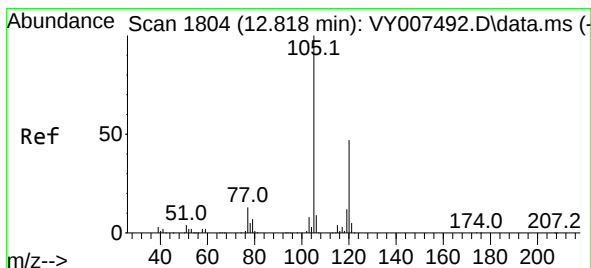
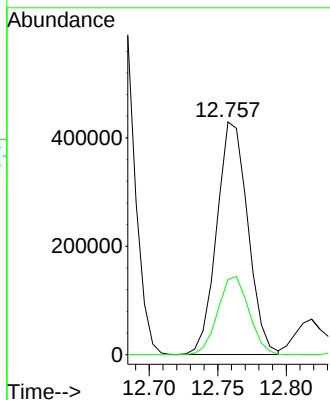
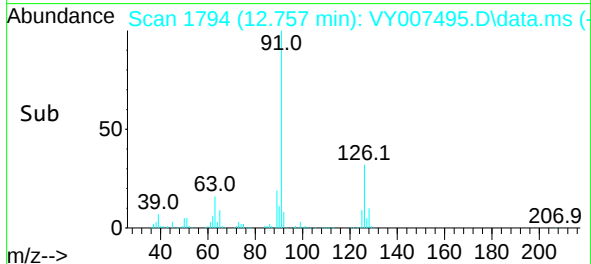
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



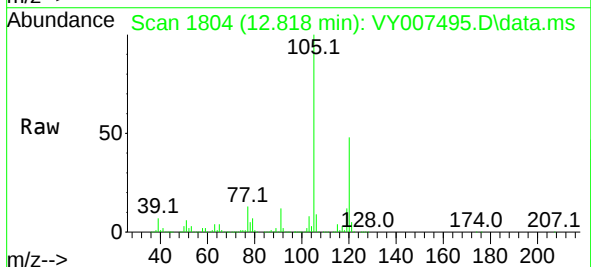
Tgt Ion: 91 Resp: 67822
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.6

Manual Integrations
APPROVED

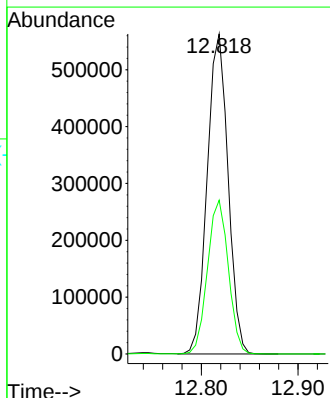
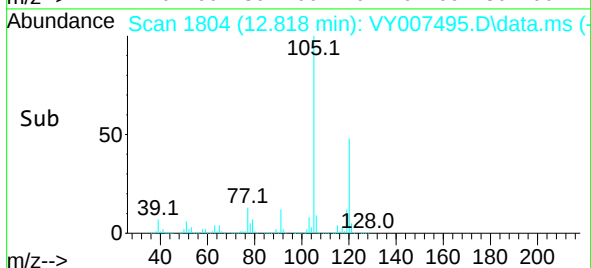
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

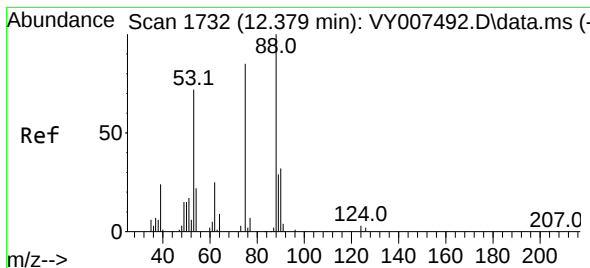


#80
1,3,5-Trimethylbenzene
Concen: 146.908 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



Tgt Ion:105 Resp: 843139
Ion Ratio Lower Upper
105 100
120 48.1 24.4 73.4





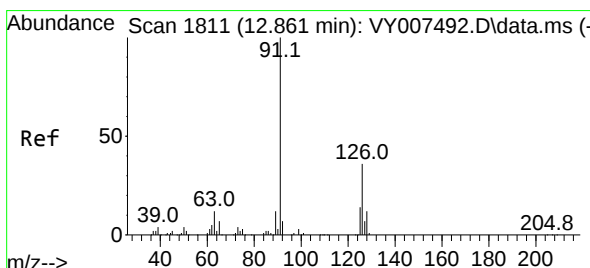
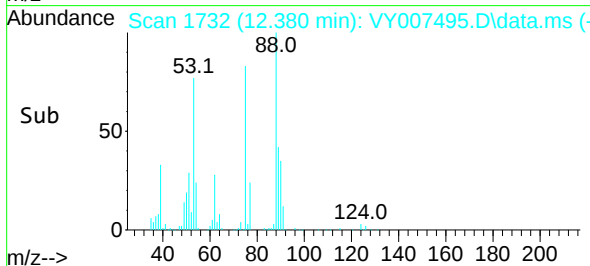
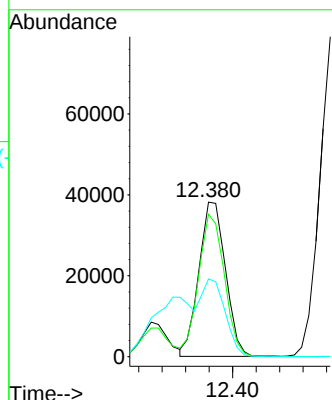
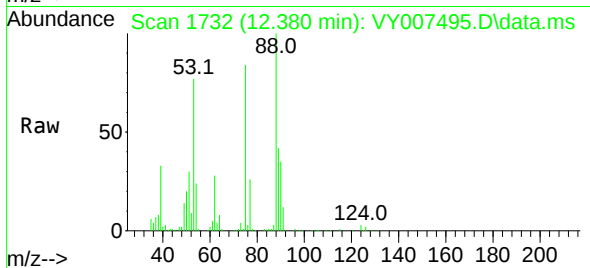
#81
trans-1,4-Dichloro-2-butene
Concen: 137.693 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 6001
Ion Ratio Lower Upper
75 100
53 89.4 85.3 127.9
89 46.1 37.0 55.4

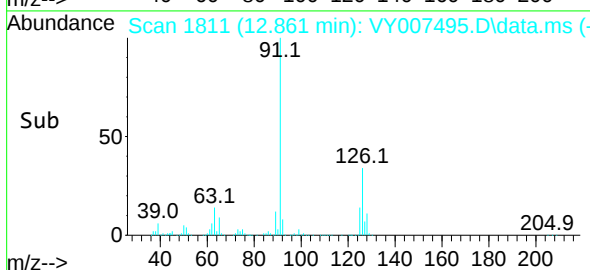
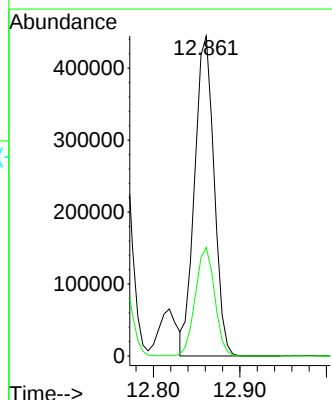
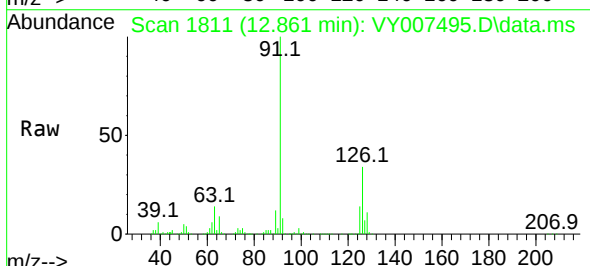
Manual Integrations
APPROVED

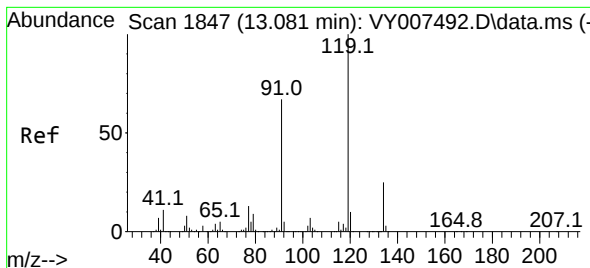
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022



#82
4-Chlorotoluene
Concen: 146.556 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

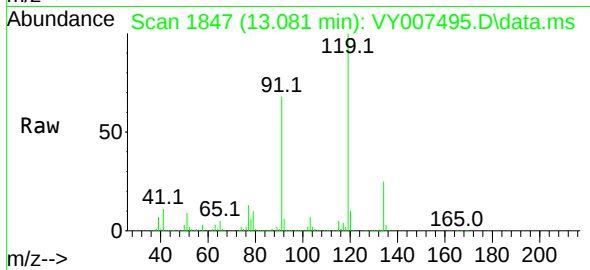
Tgt Ion: 91 Resp: 691878
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0





#83
tert-Butylbenzene
Concen: 147.373 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

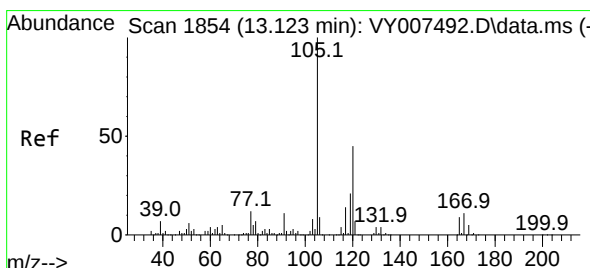
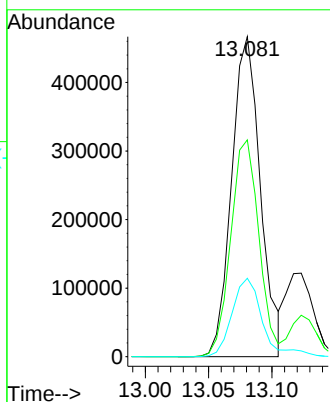
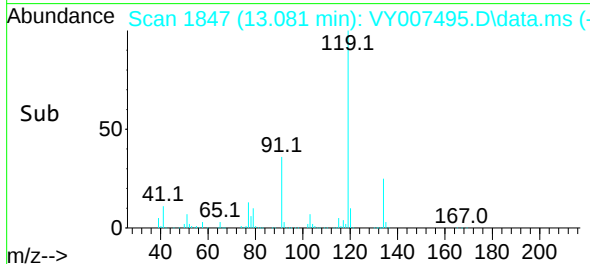
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



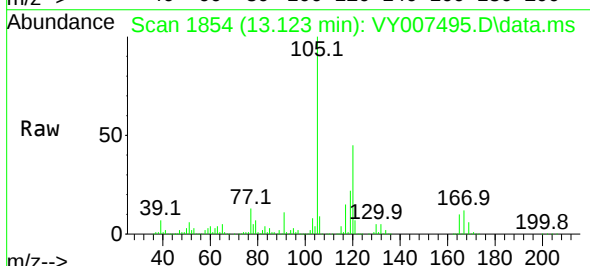
Tgt Ion:119 Resp: 739790
Ion Ratio Lower Upper
119 100
91 66.4 34.8 104.4
134 25.9 13.3 39.9

Manual Integrations
APPROVED

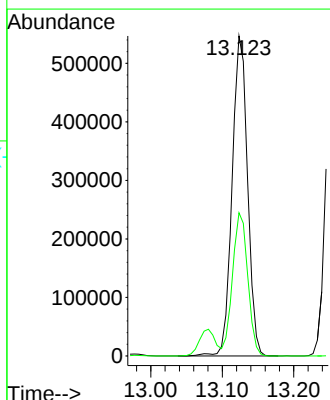
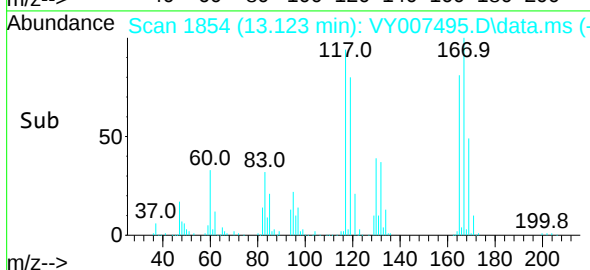
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

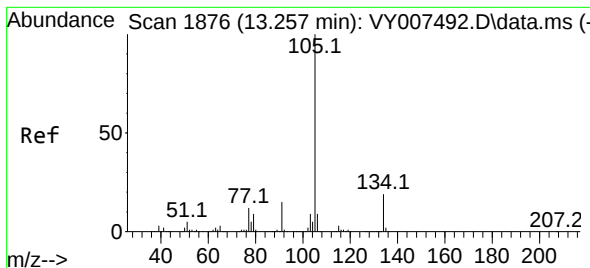


#84
1,2,4-Trimethylbenzene
Concen: 147.523 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



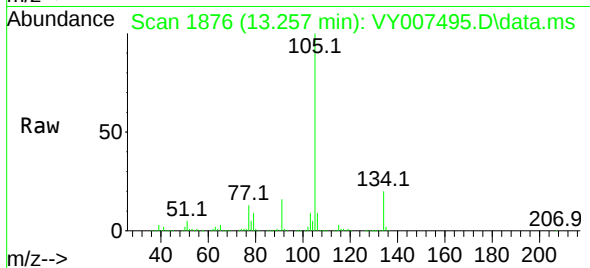
Tgt Ion:105 Resp: 818435
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 147.861 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY007495.D
 Acq: 14 Feb 2022 15:38

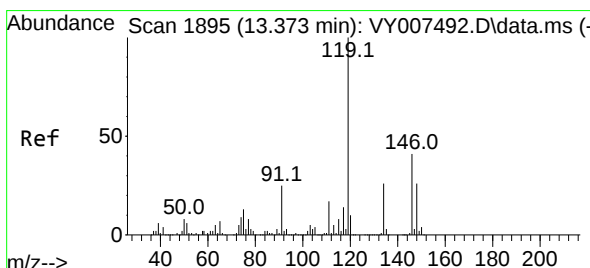
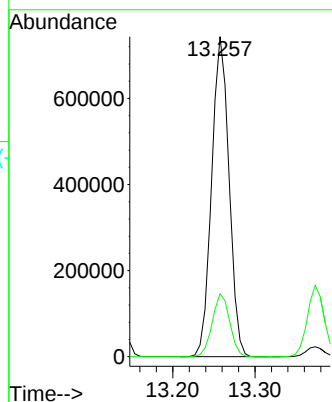
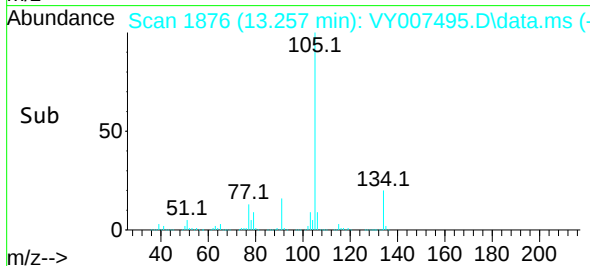
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



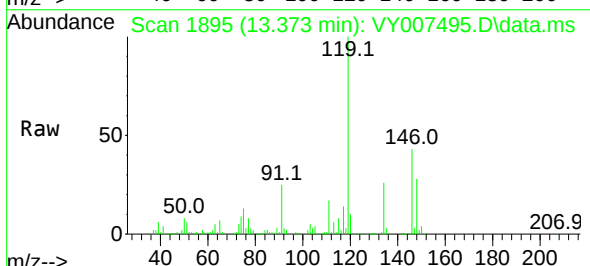
Tgt Ion:105 Resp: 1092224
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4

Manual Integrations
 APPROVED

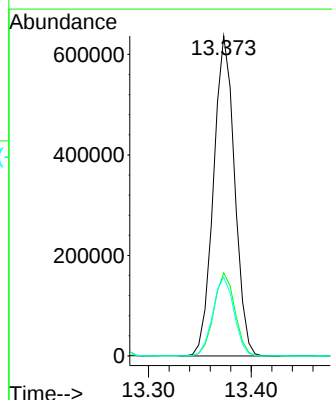
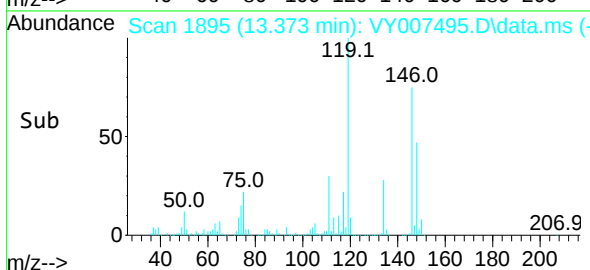
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/21/2022

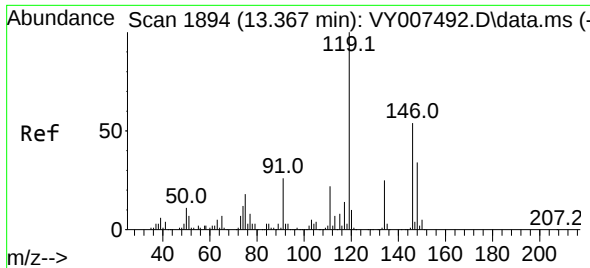


#86
 p-Isopropyltoluene
 Concen: 148.660 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY007495.D
 Acq: 14 Feb 2022 15:38



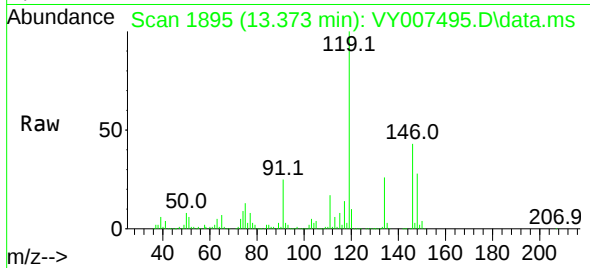
Tgt Ion:119 Resp: 905770
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 24.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 146.082 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

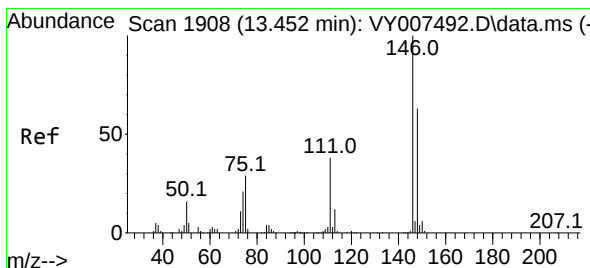
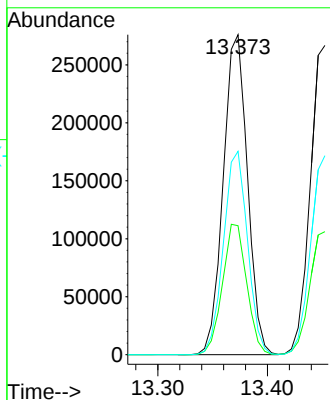
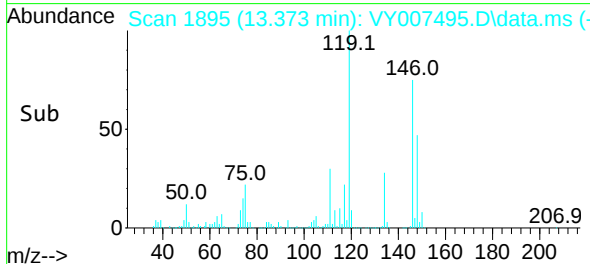
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



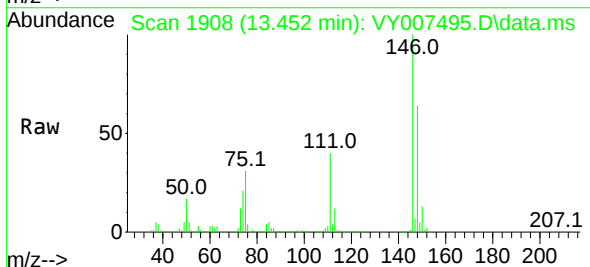
Tgt Ion:146 Resp: 42386
Ion Ratio Lower Upper
146 100
111 40.9 19.5 58.5
148 63.3 31.6 95.0

Manual Integrations
APPROVED

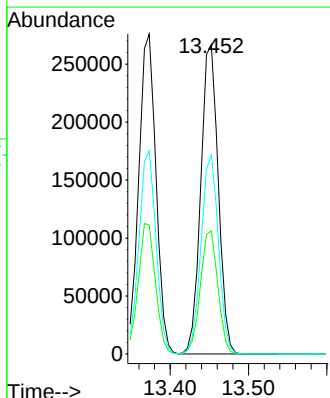
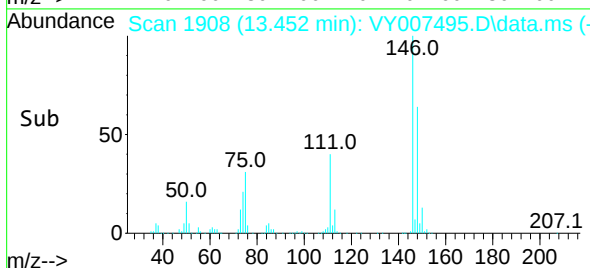
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

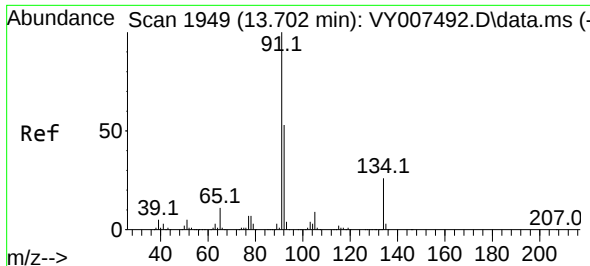


#88
1,4-Dichlorobenzene
Concen: 143.416 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



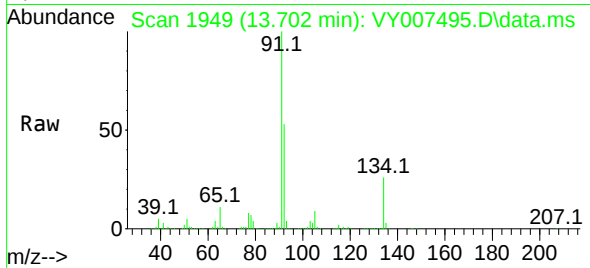
Tgt Ion:146 Resp: 412821
Ion Ratio Lower Upper
146 100
111 39.7 19.3 57.8
148 63.9 32.6 97.8





#89
n-Butylbenzene
Concen: 148.036 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

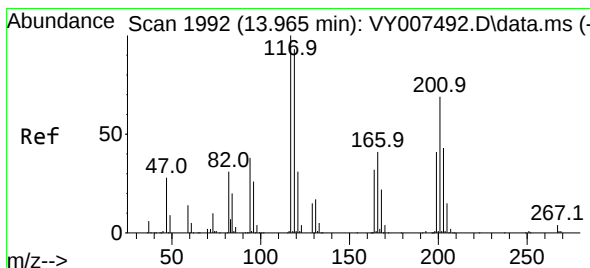
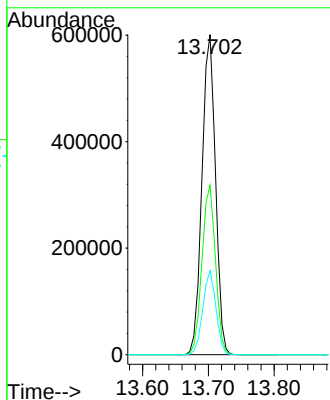
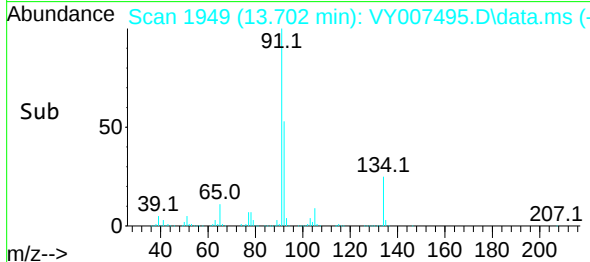
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



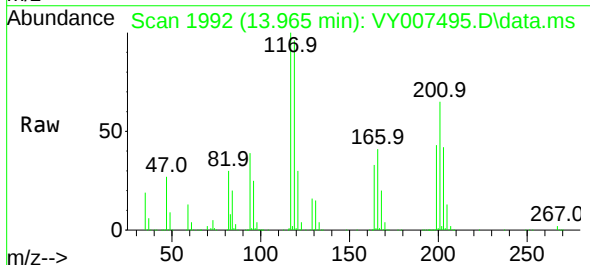
Tgt Ion: 91 Resp: 85907
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.9
134 25.5 13.0 38.9

Manual Integrations
APPROVED

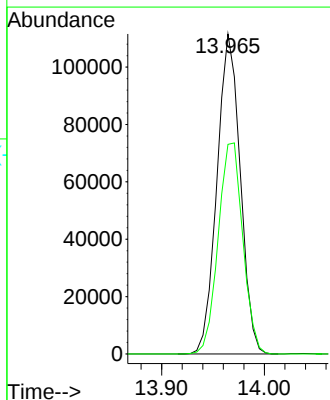
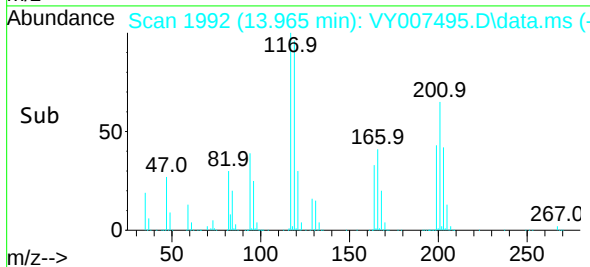
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

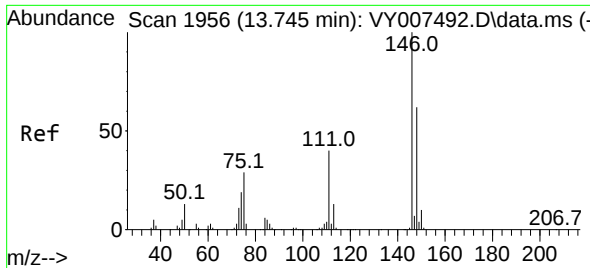


#90
Hexachloroethane
Concen: 150.586 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



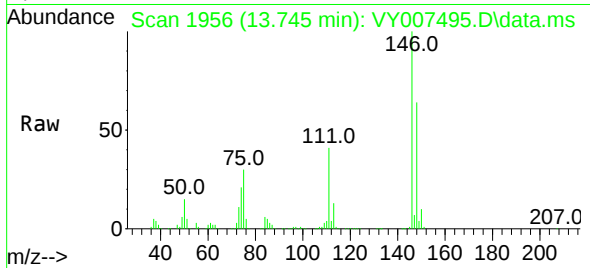
Tgt Ion:117 Resp: 175174
Ion Ratio Lower Upper
117 100
201 69.7 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 143.599 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

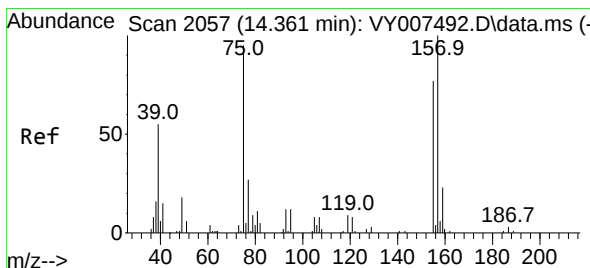
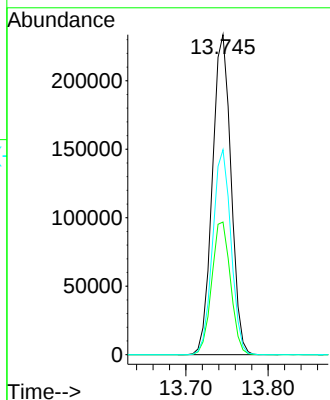
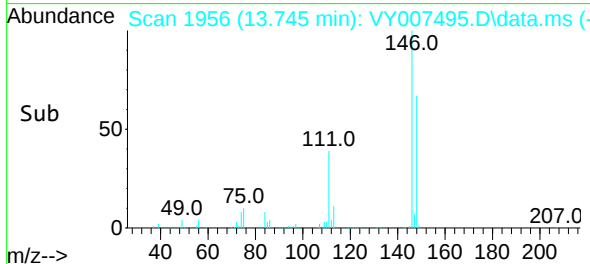
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



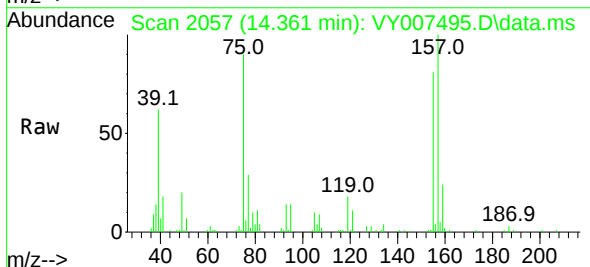
Tgt Ion:146 Resp: 36727
Ion Ratio Lower Upper
146 100
111 41.9 20.3 60.9
148 63.1 32.3 96.9

Manual Integrations
APPROVED

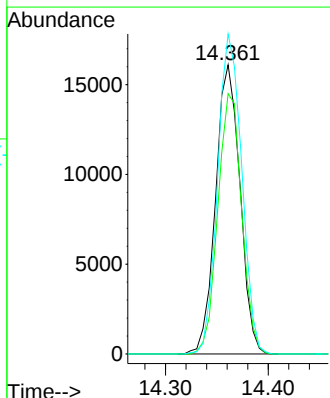
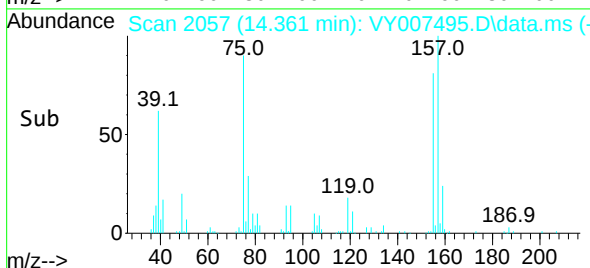
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

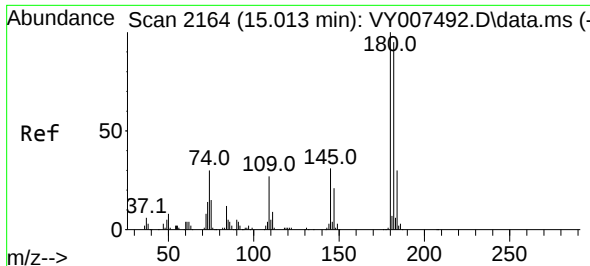


#92
1,2-Dibromo-3-Chloropropane
Concen: 131.685 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



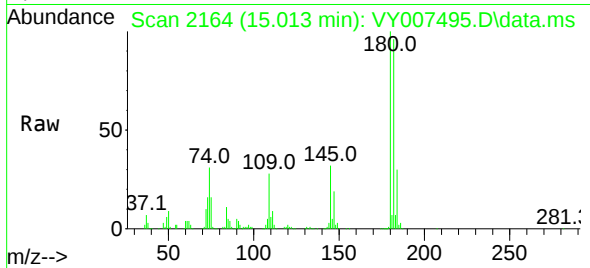
Tgt Ion: 75 Resp: 26511
Ion Ratio Lower Upper
75 100
155 88.1 38.0 113.9
157 109.2 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 148.631 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.012 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38

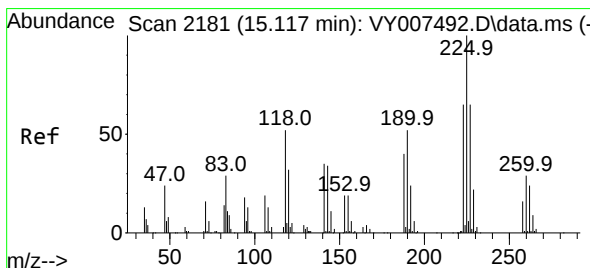
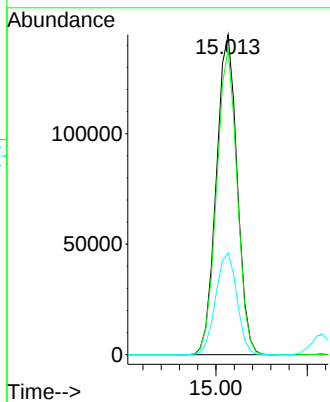
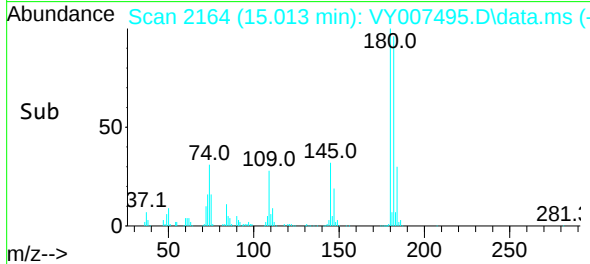
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



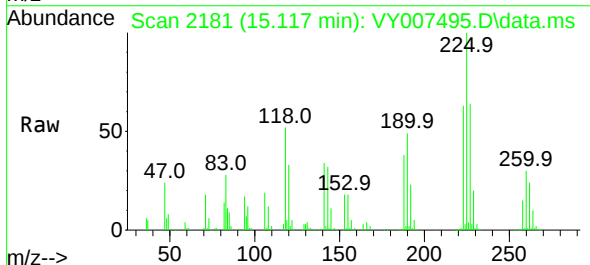
Tgt Ion:180 Resp: 229039
Ion Ratio Lower Upper
180 100
182 93.9 47.3 141.9
145 32.5 14.6 43.8

Manual Integrations
APPROVED

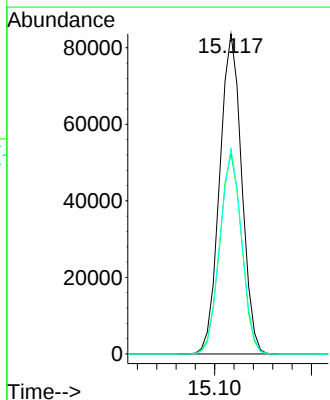
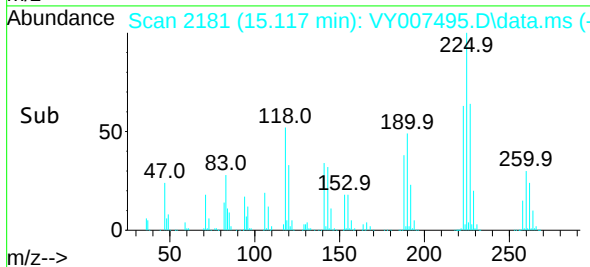
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/21/2022

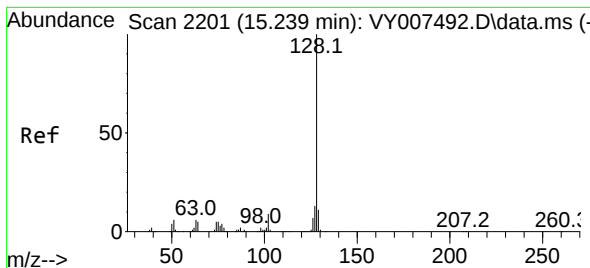


#94
Hexachlorobutadiene
Concen: 147.425 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY007495.D
Acq: 14 Feb 2022 15:38



Tgt Ion:225 Resp: 131971
Ion Ratio Lower Upper
225 100
223 62.5 30.8 92.3
227 63.1 31.6 94.7





#95

Naphthalene

Concen: 138.909 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

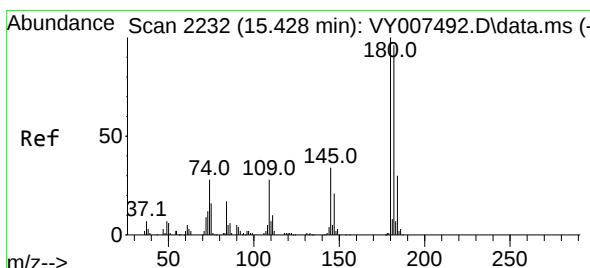
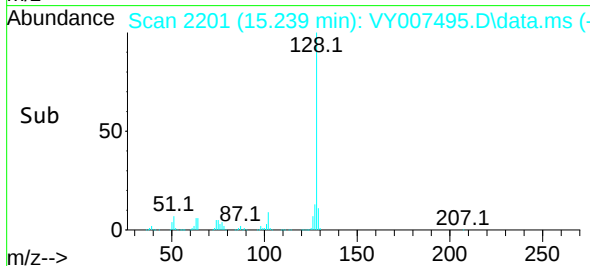
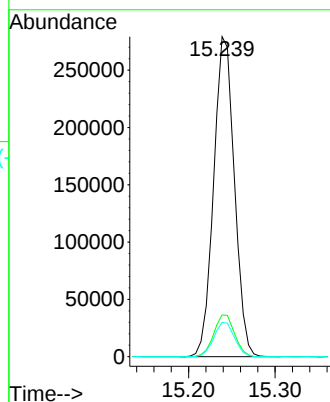
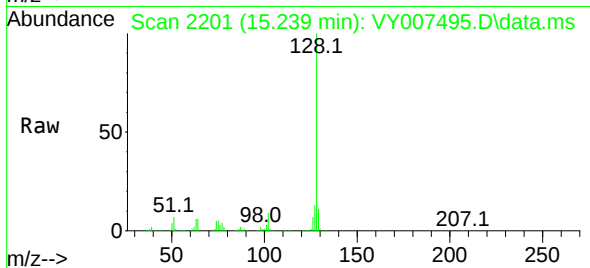
Tgt Ion:	128	Resp:	464519
Ion Ratio	Lower	Upper	
128	100		
127	13.2	11.0	16.4
129	10.8	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 144.290 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY007495.D

Acq: 14 Feb 2022 15:38

Tgt Ion:	180	Resp:	192004
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.3	141.9
145	34.7	15.3	45.9

