

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007597.D
 Acq On : 23 Feb 2022 14:06
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 23 15:12:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 15:09:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	69120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	106398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	97379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67227	94.175	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 188.360%#			
35) Dibromofluoromethane	7.722	113	55662	83.856	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 167.720%#			
50) Toluene-d8	10.178	98	177321	76.777	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 153.560%#			
62) 4-Bromofluorobenzene	12.477	95	70211	84.575	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 169.140%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	61226	69.885	ug/l	95
3) Chloromethane	2.113	50	66112	84.695	ug/l	95
4) Vinyl Chloride	2.253	62	76273	92.110	ug/l	100
5) Bromomethane	2.643	94	54708	88.024	ug/l	98
6) Chloroethane	2.789	64	52216	99.676	ug/l	91
7) Trichlorofluoromethane	3.125	101	157838	88.217	ug/l	93
8) Diethyl Ether	3.527	74	43592	99.409	ug/l	61
9) 1,1,2-Trichlorotrifluo...	3.899	101	65562	79.294	ug/l	95
10) Methyl Iodide	4.088	142	96278	98.715	ug/l	97
11) Tert butyl alcohol	4.954	59	36592	553.218	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	62047	83.273	ug/l #	75
13) Acrolein	3.728	56	24657	413.120	ug/l	96
14) Allyl chloride	4.478	41	60802	80.714	ug/l #	65
15) Acrylonitrile	5.155	53	80141	503.820	ug/l	99
16) Acetone	3.948	43	88922	527.245	ug/l	90
17) Carbon Disulfide	4.192	76	144856	75.448	ug/l	99
18) Methyl Acetate	4.472	43	33763	91.039	ug/l #	72
19) Methyl tert-butyl Ether	5.216	73	186847	92.979	ug/l #	86
20) Methylene Chloride	4.716	84	72181	85.373	ug/l #	73
21) trans-1,2-Dichloroethene	5.216	96	58111	77.450	ug/l #	73
22) Diisopropyl ether	6.118	45	115960	76.281	ug/l #	77
23) Vinyl Acetate	6.057	43	477958	458.345	ug/l #	80
24) 1,1-Dichloroethane	6.015	63	92347	79.851	ug/l #	94
25) 2-Butanone	6.984	43	90332	483.139	ug/l #	71
26) 2,2-Dichloropropane	6.978	77	100914	78.048	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	72015	84.487	ug/l	79
28) Bromochloromethane	7.331	49	35766	93.502	ug/l #	34
29) Tetrahydrofuran	7.350	42	47854	441.147	ug/l #	53
30) Chloroform	7.508	83	115134	80.570	ug/l	94
31) Cyclohexane	7.789	56	58679	57.943	ug/l #	66
32) 1,1,1-Trichloroethane	7.697	97	115160	79.333	ug/l	95
36) 1,1-Dichloropropene	7.917	75	69797	70.213	ug/l	93
37) Ethyl Acetate	7.075	43	38327	94.532	ug/l #	91
38) Carbon Tetrachloride	7.898	117	109334	79.599	ug/l	98
39) Methylcyclohexane	9.185	83	85900	68.243	ug/l #	77
40) Benzene	8.160	78	207678	77.200	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	22993m	107.048	ug/l	
42) 1,2-Dichloroethane	8.234	62	86878	92.699	ug/l	96
43) Isopropyl Acetate	8.270	43	78185	94.008	ug/l #	85
44) Trichloroethene	8.941	130	71246	78.893	ug/l	92
45) 1,2-Dichloropropane	9.215	63	47257	79.385	ug/l	95
46) Dibromomethane	9.300	93	44153	94.809	ug/l	100
47) Bromodichloromethane	9.496	83	95448	87.320	ug/l #	98
48) Methyl methacrylate	9.288	41	33146	93.615	ug/l #	51
49) 1,4-Dioxane	9.294	88	11488	2147.797	ug/l #	72
51) 4-Methyl-2-Pentanone	10.069	43	198135	478.541	ug/l	90
52) Toluene	10.245	92	139245	75.576	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	95256	86.386	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	98360	84.424	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	52681	88.139	ug/l	94
56) Ethyl methacrylate	10.508	69	65473	89.925	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	83639	87.735	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	178701	509.422	ug/l #	74
59) 2-Hexanone	10.831	43	143906	480.430	ug/l	91
60) Dibromochloromethane	10.983	129	77574	94.660	ug/l	99
61) 1,2-Dibromoethane	11.087	107	55011	90.519	ug/l	97
64) Tetrachloroethene	10.721	164	61528	75.127	ug/l	98
65) Chlorobenzene	11.514	112	171610	82.743	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	71626	86.670	ug/l	98
67) Ethyl Benzene	11.593	91	281031	77.333	ug/l	92
68) m/p-Xylenes	11.703	106	222592	159.060	ug/l	98
69) o-Xylene	12.026	106	111509	82.773	ug/l	95
70) Styrene	12.044	104	194389	86.649	ug/l	99
71) Bromoform	12.209	173	51503	98.846	ug/l #	100
73) Isopropylbenzene	12.324	105	283649	70.956	ug/l	98
74) N-amyl acetate	12.141	43	71145	94.253	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.580	83	60347	89.116	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	45219m	80.187	ug/l	
77) Bromobenzene	12.605	156	79333	82.965	ug/l	83
78) n-propylbenzene	12.666	91	327590	70.277	ug/l	95
79) 2-Chlorotoluene	12.751	91	192455	74.214	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	246833	73.513	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	21170	89.927	ug/l #	92
82) 4-Chlorotoluene	12.855	91	194939	73.677	ug/l	93
83) tert-Butylbenzene	13.074	119	219283	72.933	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	251955	76.506	ug/l	99
85) sec-Butylbenzene	13.251	105	305413	70.590	ug/l	96
86) p-Isopropyltoluene	13.367	119	266637	72.353	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	146401	80.405	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	147254	82.241	ug/l	100
89) n-Butylbenzene	13.696	91	240864	72.008	ug/l	97
90) Hexachloroethane	13.958	117	55985	76.383	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	139754	86.177	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.348	75	13144	99.215	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	96582	87.492	ug/l	99
94) Hexachlorobutadiene	15.110	225	48569	73.865	ug/l	97
95) Naphthalene	15.232	128	224036	98.770	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	86634	90.903	ug/l	98

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

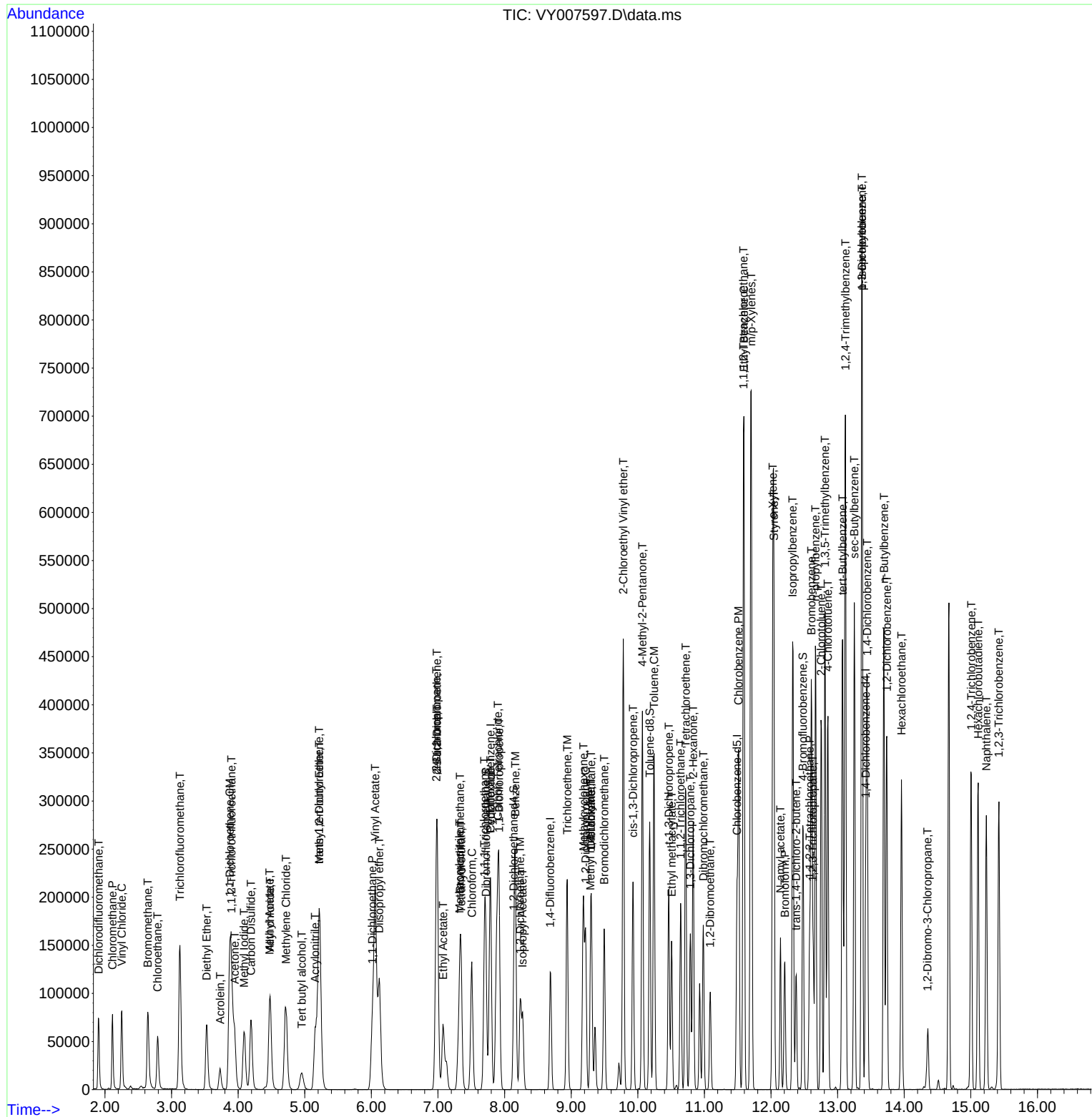
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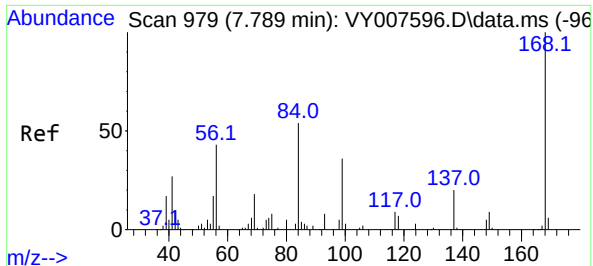
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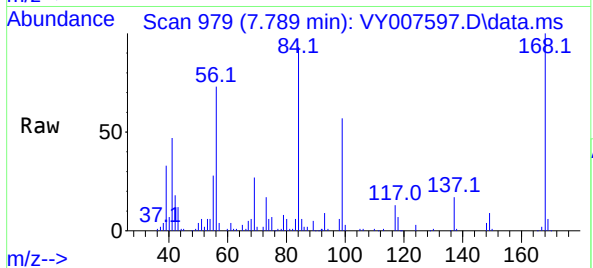
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007597.D
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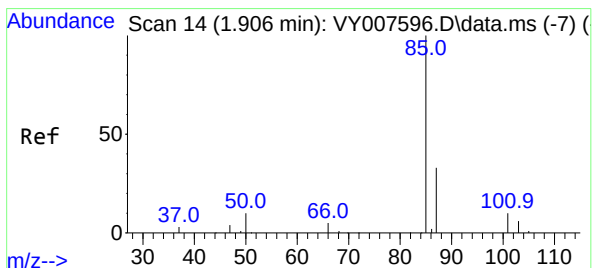
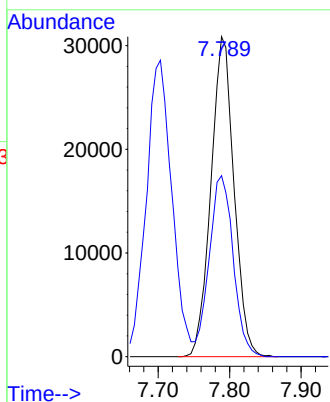
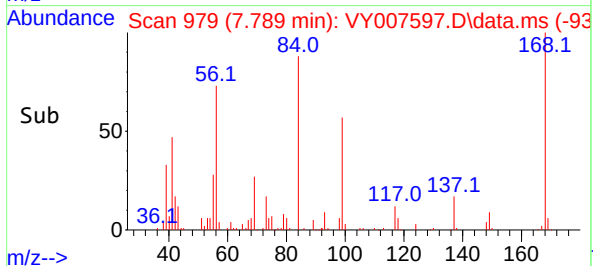
Instrument :
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ClientSampleId :
VSTDIC100



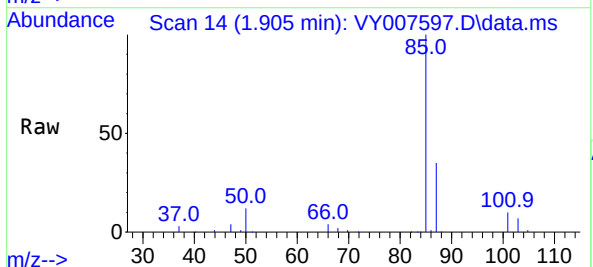
Tgt Ion:168 Resp: 69120
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3

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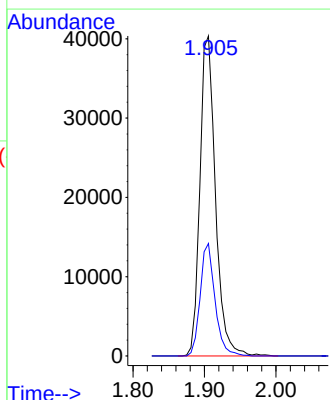
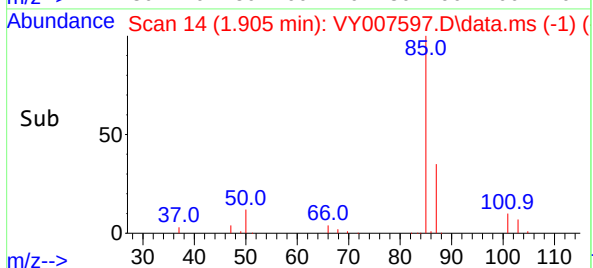
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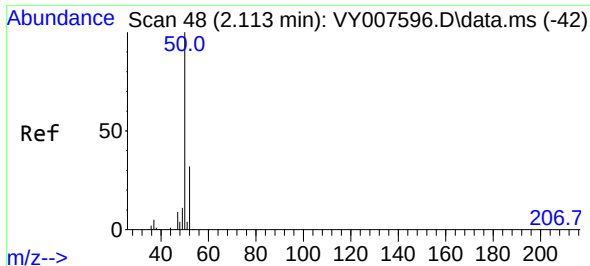


#2
Dichlorodifluoromethane
Concen: 69.885 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



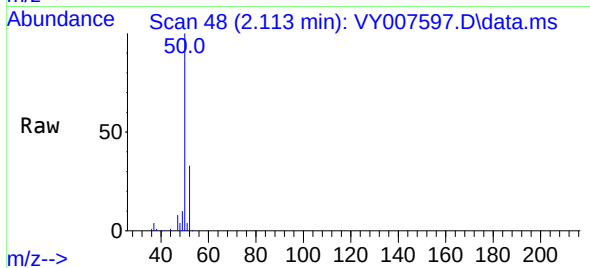
Tgt Ion: 85 Resp: 61226
Ion Ratio Lower Upper
85 100
87 35.1 16.1 48.2





#3
Chloromethane
Concen: 84.695 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

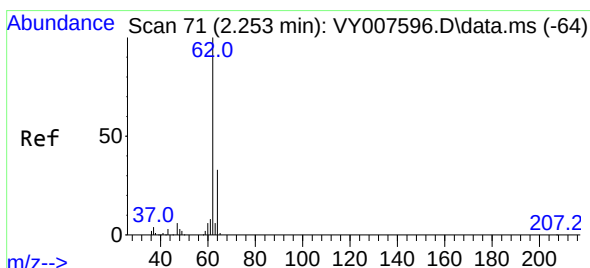
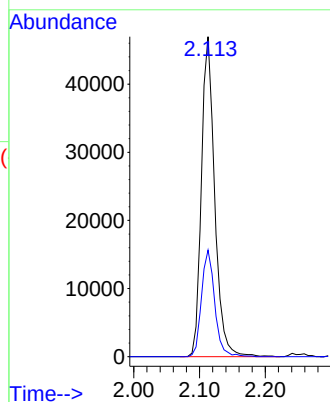
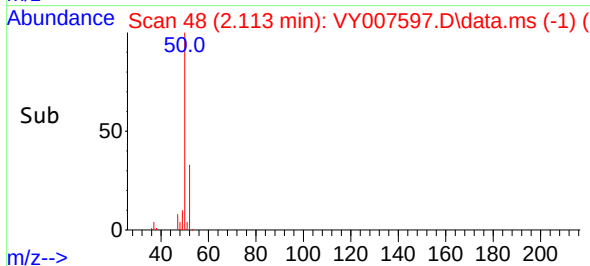
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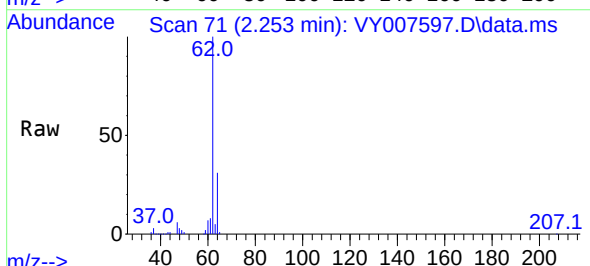
Tgt Ion: 50 Resp: 66112
Ion Ratio Lower Upper
50 100
52 33.3 24.6 37.0

Manual Integrations
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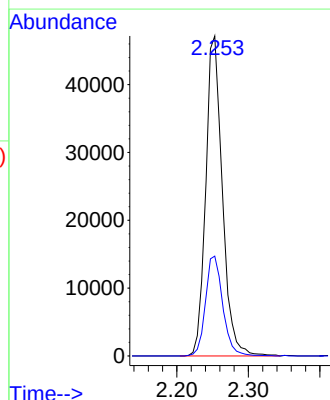
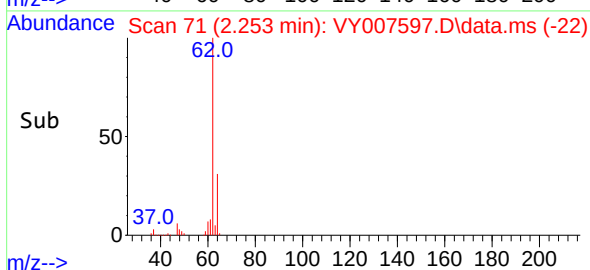
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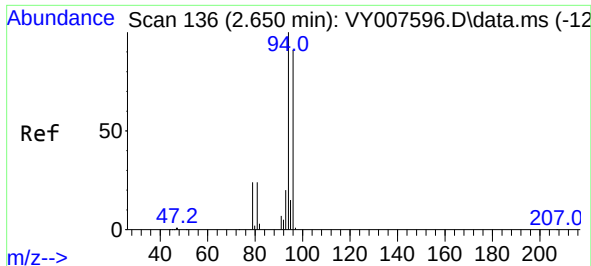


#4
Vinyl Chloride
Concen: 92.110 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



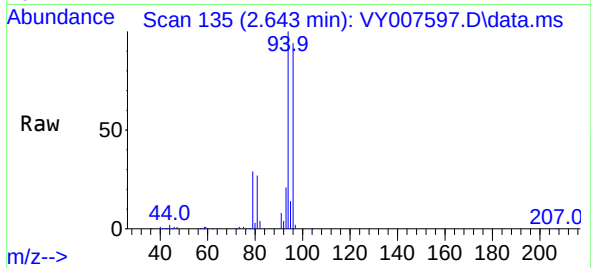
Tgt Ion: 62 Resp: 76273
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.6





#5
Bromomethane
Concen: 88.024 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

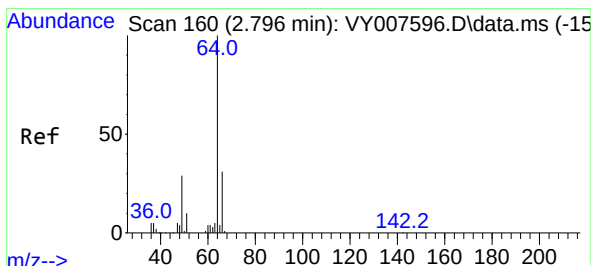
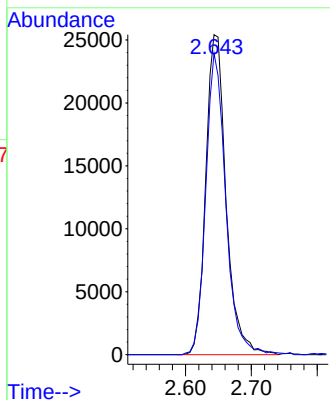
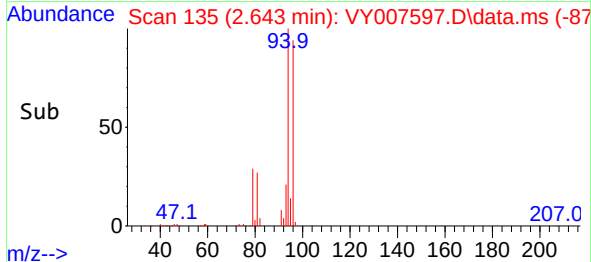
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Tgt Ion: 94 Resp: 54708
Ion Ratio Lower Upper
94 100
96 94.2 73.5 110.3

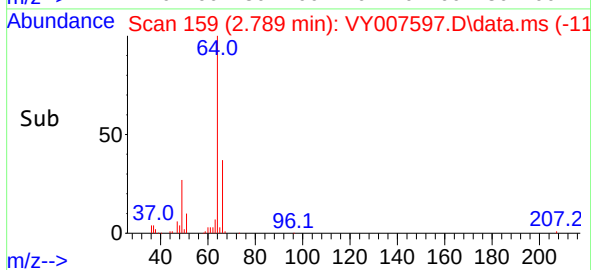
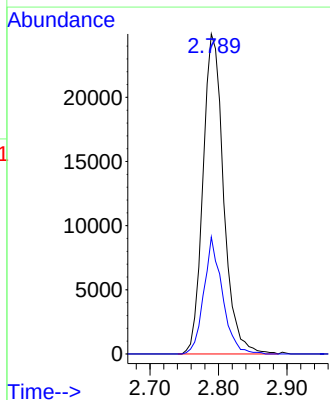
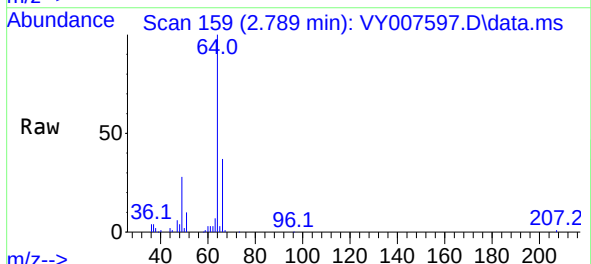
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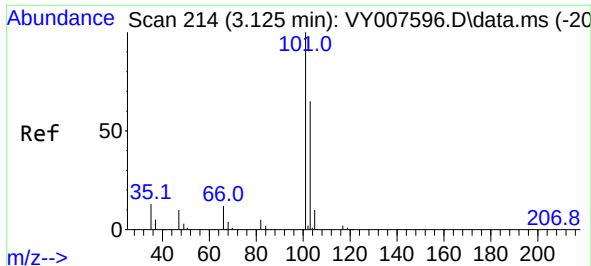
Reviewed By :John Carlone 02/24/2022
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#6
Chloroethane
Concen: 99.676 ug/l
RT: 2.789 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY007597.D
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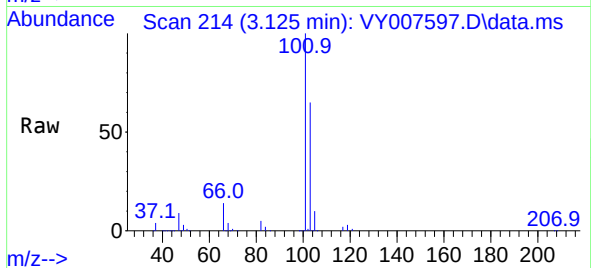
Tgt Ion: 64 Resp: 52216
Ion Ratio Lower Upper
64 100
66 36.6 25.4 38.0





#7
Trichlorofluoromethane
Concen: 88.217 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

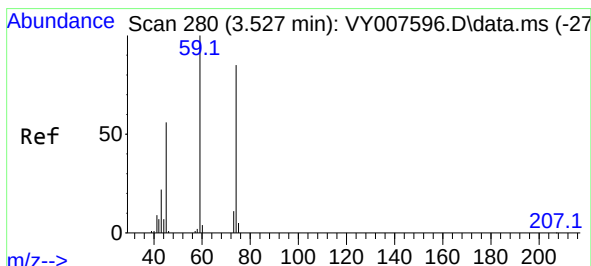
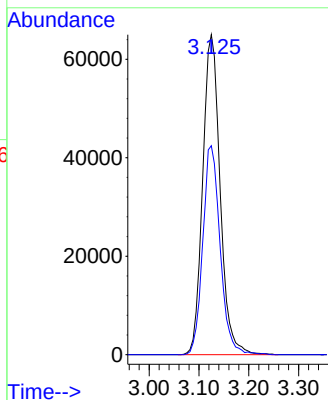
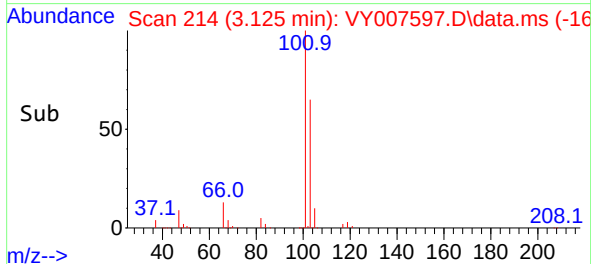
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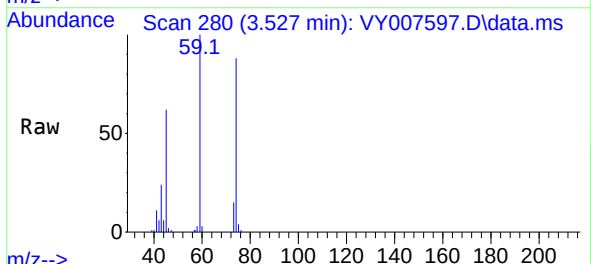
Tgt Ion:101 Resp: 157838
Ion Ratio Lower Upper
101 100
103 65.3 48.0 72.0

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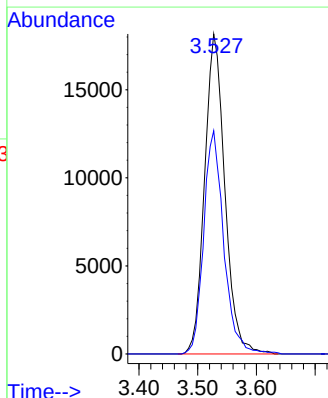
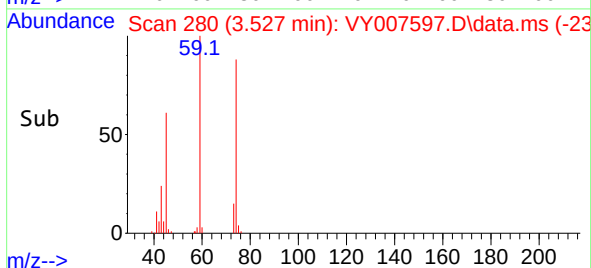
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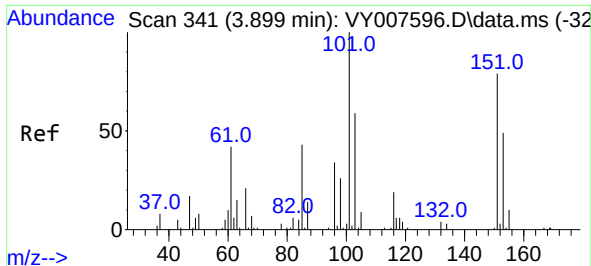


#8
Diethyl Ether
Concen: 99.409 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 43592
Ion Ratio Lower Upper
74 100
45 69.1 55.1 165.5





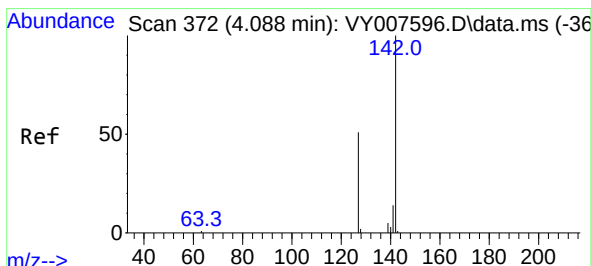
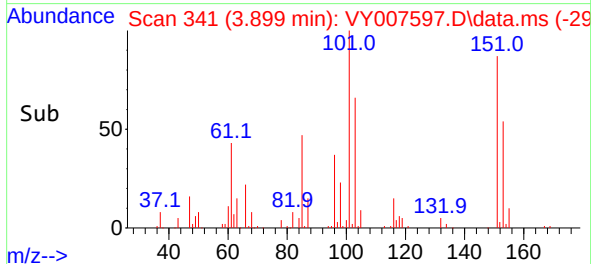
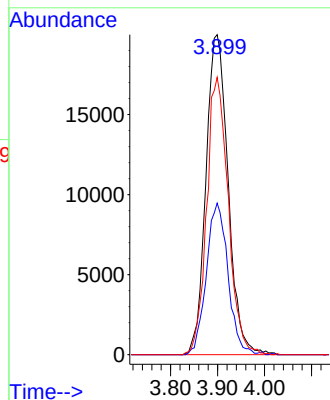
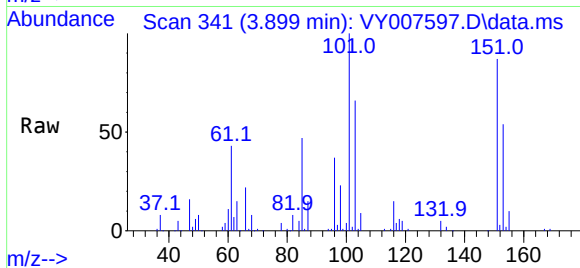
#9
1,1,2-Trichlorotrifluoroethane
Concen: 79.294 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 65562
Ion Ratio Lower Upper
101 100
85 46.1 40.6 60.8
151 84.2 64.9 97.3

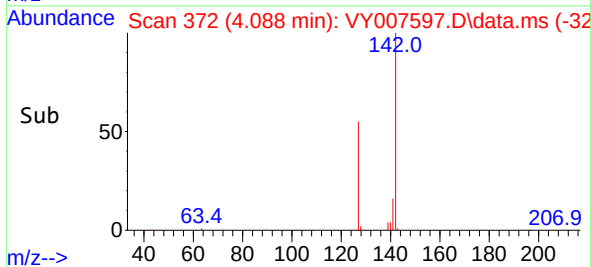
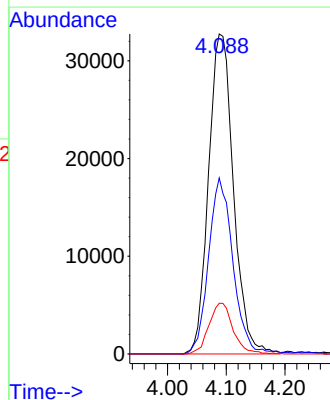
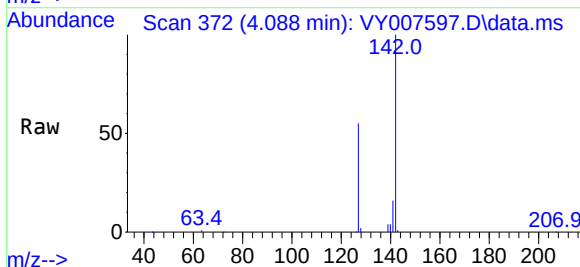
Manual Integrations
APPROVED

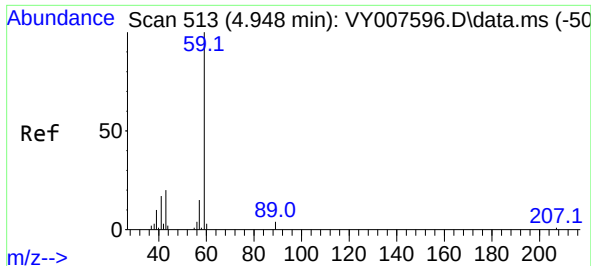
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#10
Methyl Iodide
Concen: 98.715 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Tgt Ion:142 Resp: 96278
Ion Ratio Lower Upper
142 100
127 54.0 41.5 62.3
141 15.4 11.9 17.9





#11

Tert butyl alcohol

Concen: 553.218 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY007597.D

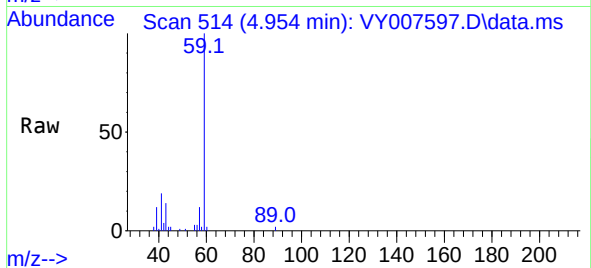
Acq: 23 Feb 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100



Tgt Ion: 59 Resp: 36592

Ion Ratio Lower Upper

59 100

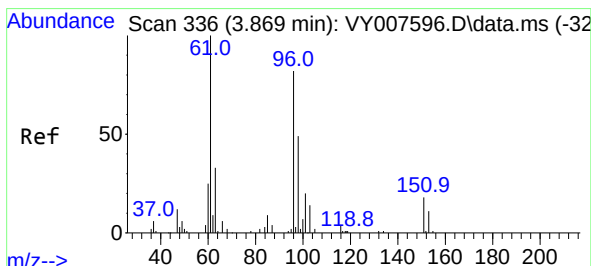
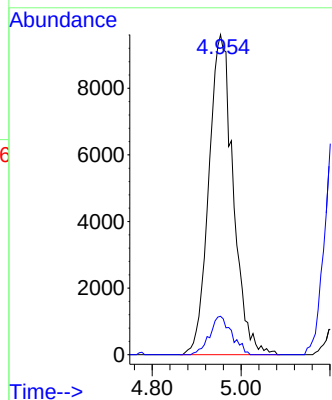
57 10.9 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#12

1,1-Dichloroethene

Concen: 83.273 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY007597.D

Acq: 23 Feb 2022 14:06

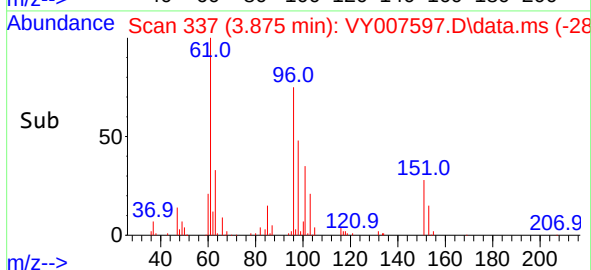
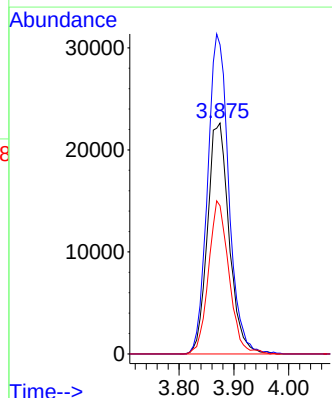
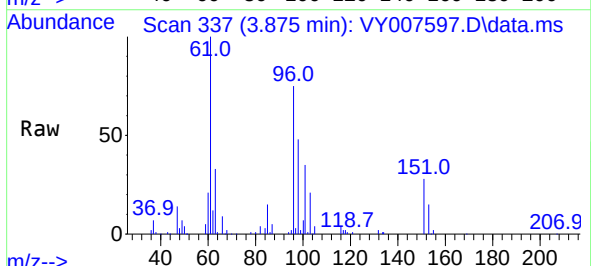
Tgt Ion: 96 Resp: 62047

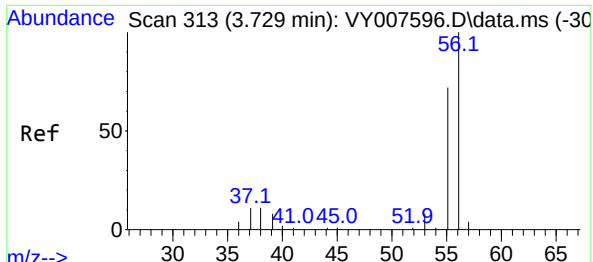
Ion Ratio Lower Upper

96 100

61 133.9 145.8 218.6#

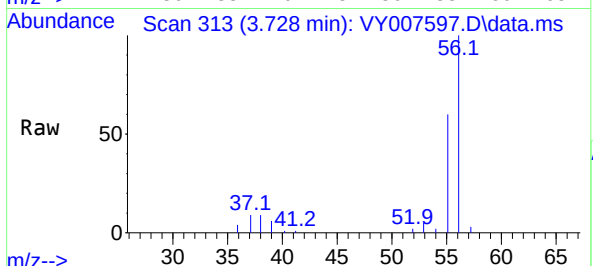
98 64.2 52.5 78.7





#13
Acrolein
Concen: 413.120 ug/l
RT: 3.728 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

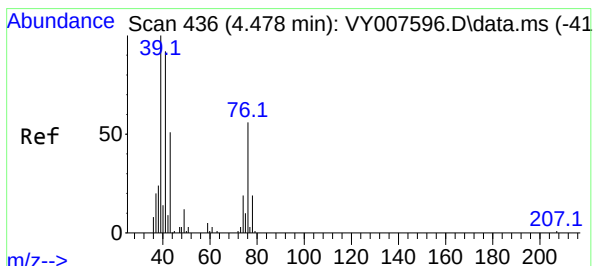
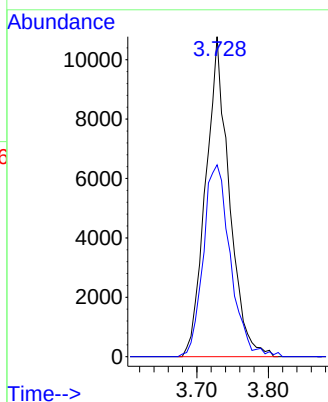
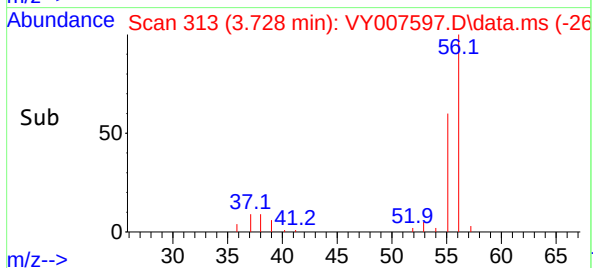
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



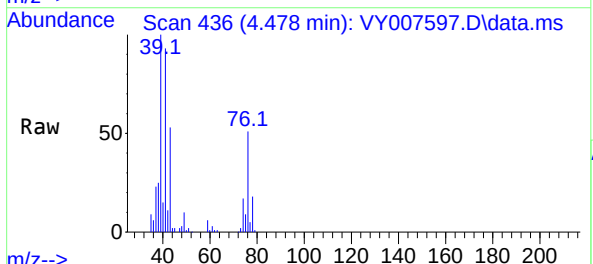
Tgt Ion: 56 Resp: 2465
Ion Ratio Lower Upper
56 100
55 68.9 57.6 86.4

Manual Integrations
APPROVED

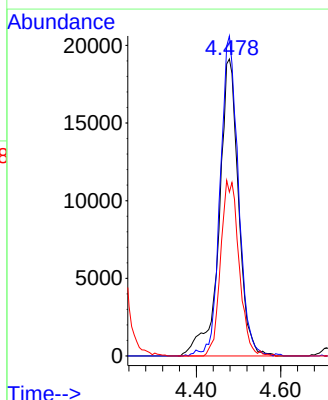
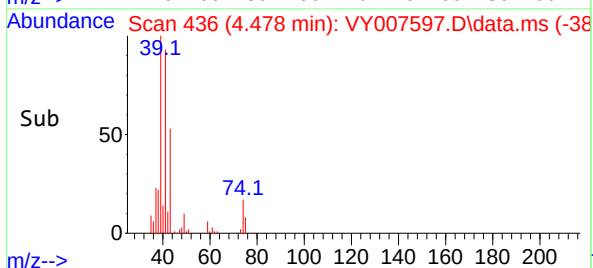
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

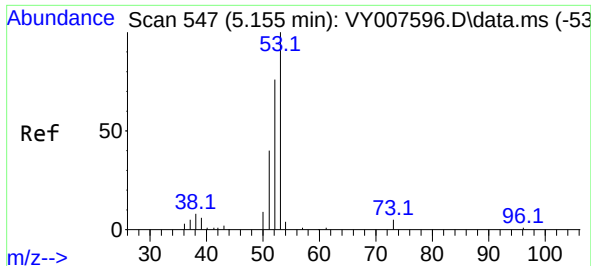


#14
Allyl chloride
Concen: 80.714 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



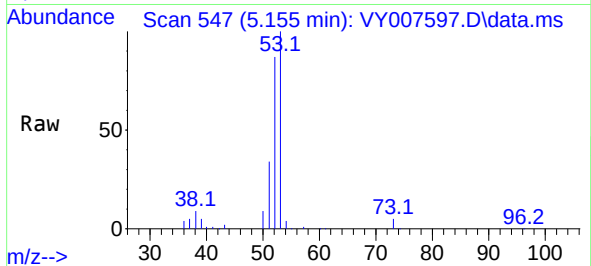
Tgt Ion: 41 Resp: 60802
Ion Ratio Lower Upper
41 100
39 99.8 58.8 88.2#
76 56.2 25.1 37.7#





#15
Acrylonitrile
Concen: 503.820 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

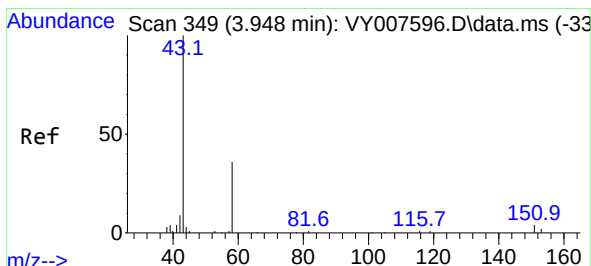
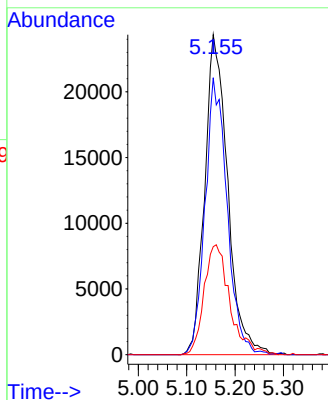
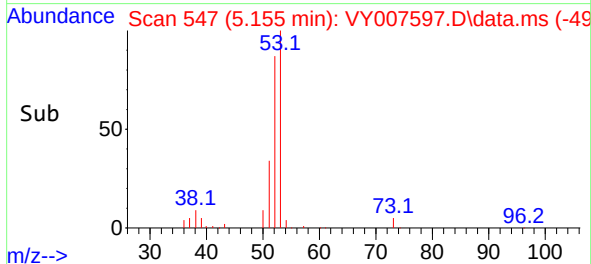
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



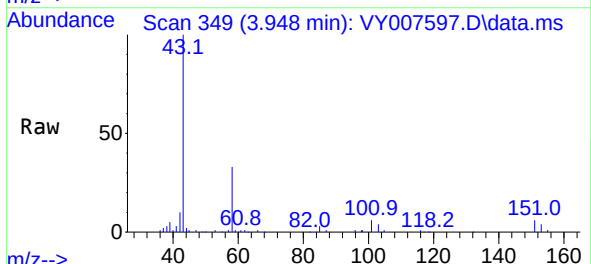
Tgt Ion: 53 Resp: 8014
Ion Ratio Lower Upper
53 100
52 83.2 67.0 100.4
51 38.7 29.8 44.6

Manual Integrations
APPROVED

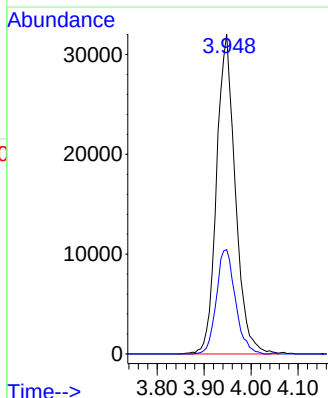
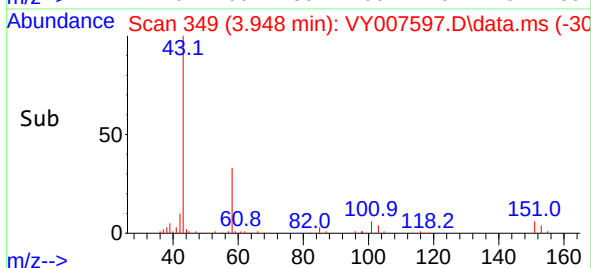
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

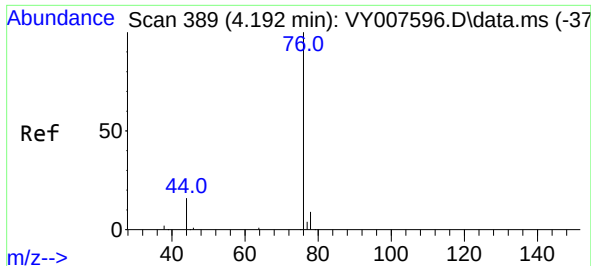


#16
Acetone
Concen: 527.245 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



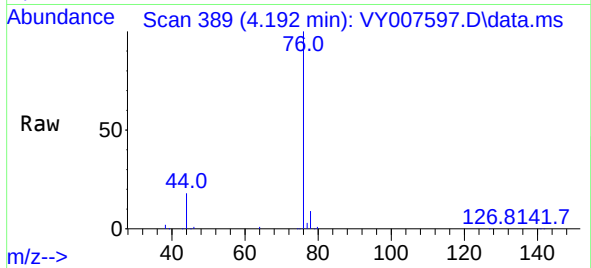
Tgt Ion: 43 Resp: 88922
Ion Ratio Lower Upper
43 100
58 32.6 22.0 33.0





#17
Carbon Disulfide
Concen: 75.448 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

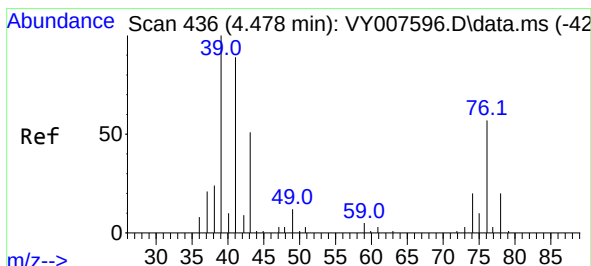
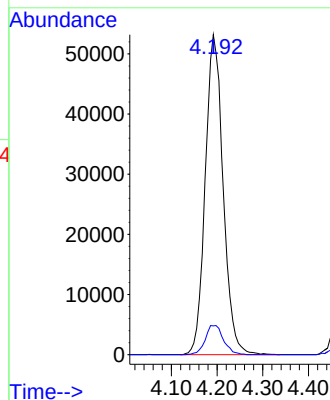
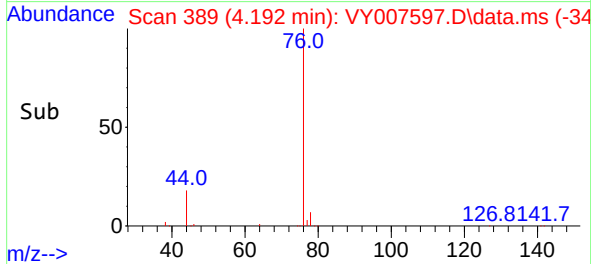
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 144850
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

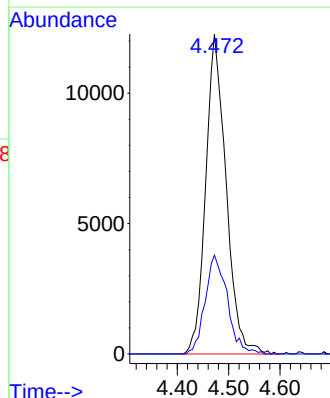
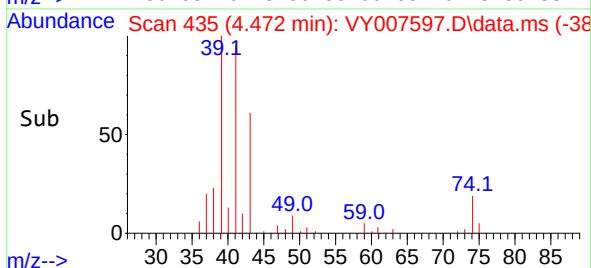
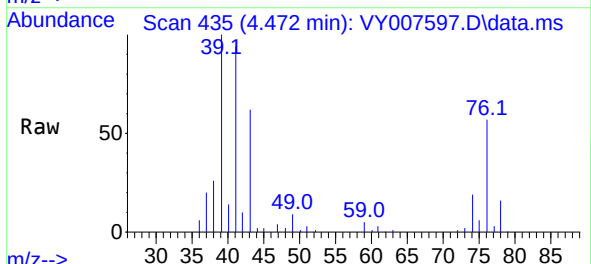
Manual Integrations
APPROVED

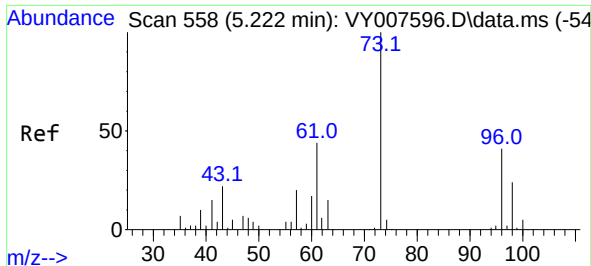
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#18
Methyl Acetate
Concen: 91.039 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

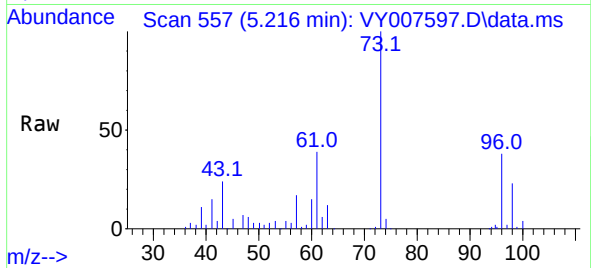
Tgt Ion: 43 Resp: 33763
Ion Ratio Lower Upper
43 100
74 33.7 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 92.979 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

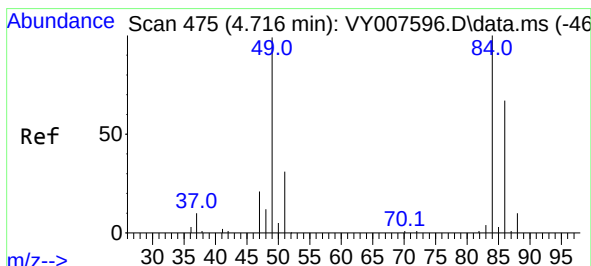
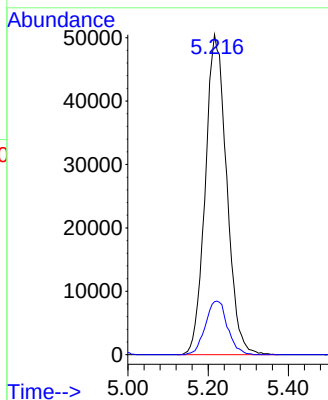
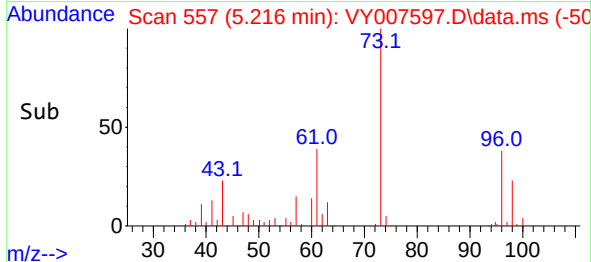
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



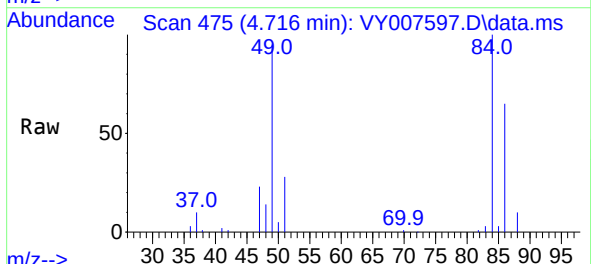
Tgt Ion: 73 Resp: 18684
Ion Ratio Lower Upper
73 100
57 16.6 18.6 27.8

Manual Integrations
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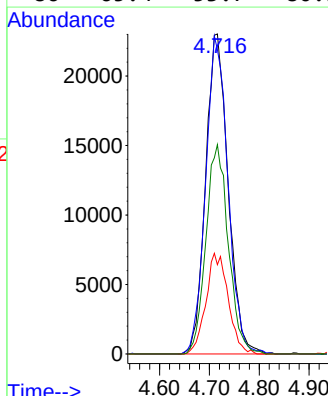
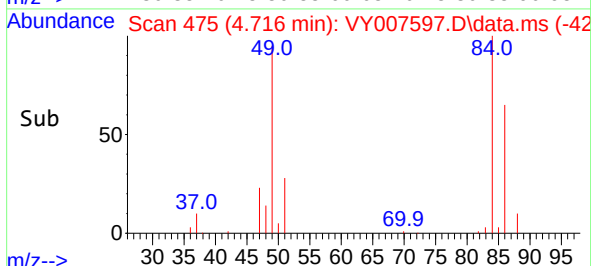
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

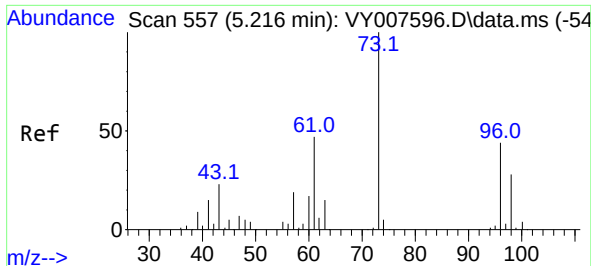


#20
Methylene Chloride
Concen: 85.373 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



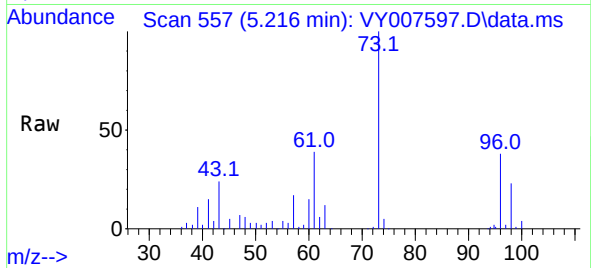
Tgt Ion: 84 Resp: 72181
Ion Ratio Lower Upper
84 100
49 95.1 114.4 171.6#
51 27.9 35.3 52.9#
86 65.4 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 77.450 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

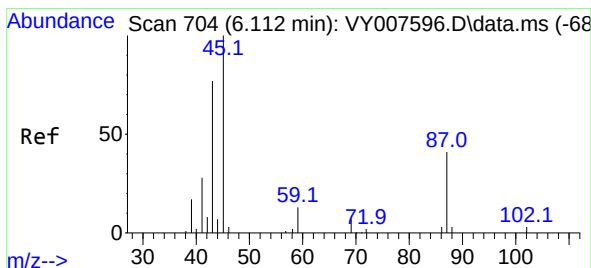
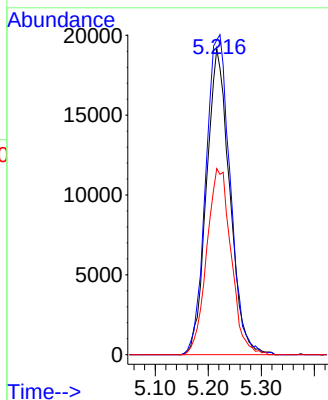
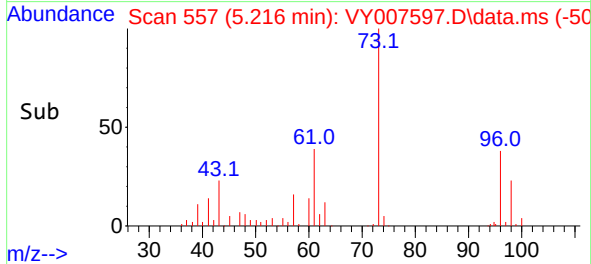
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



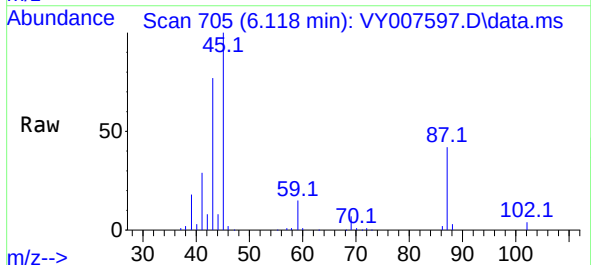
Tgt Ion: 96 Resp: 5811
Ion Ratio Lower Upper
96 100
61 103.0 120.5 180.7
98 60.9 49.8 74.8

Manual Integrations
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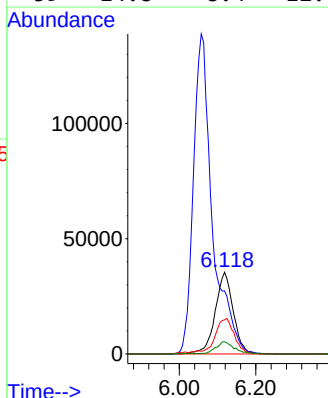
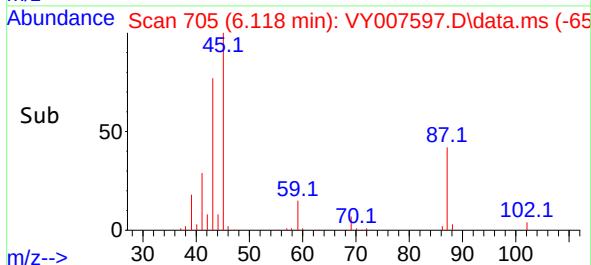
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

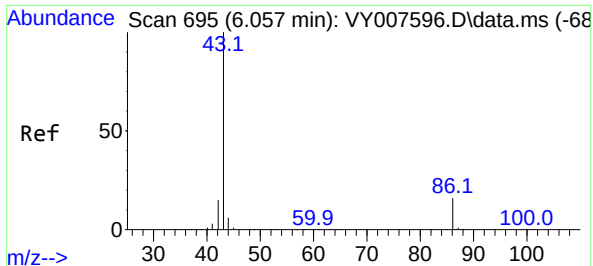


#22
Diisopropyl ether
Concen: 76.281 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



Tgt Ion: 45 Resp: 115960
Ion Ratio Lower Upper
45 100
43 77.0 49.3 73.9#
87 41.8 19.2 28.8#
59 14.8 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 458.345 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY007597.D
 Acq: 23 Feb 2022 14:06

Instrument :

MSVOA_Y

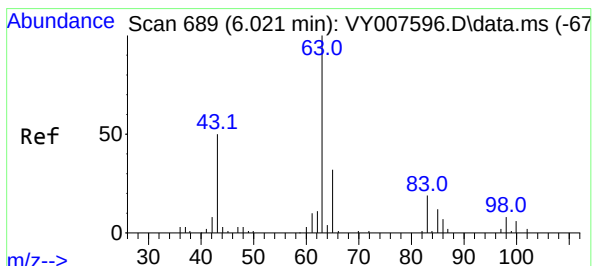
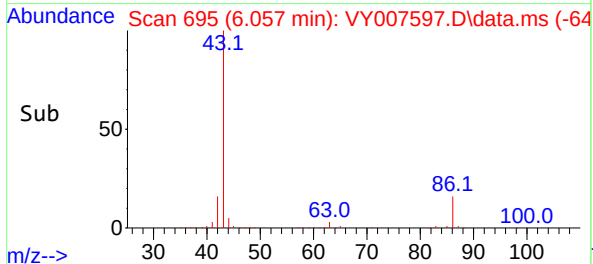
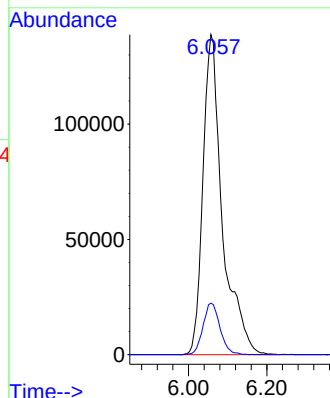
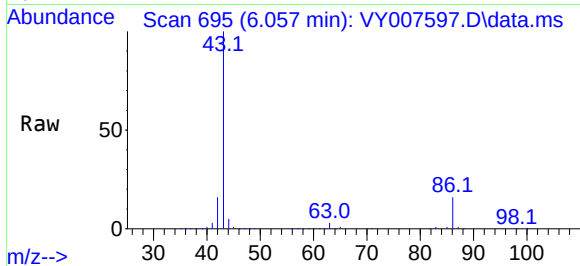
ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 477958
 Ion Ratio Lower Upper
 43 100
 86 16.1 7.1 10.7

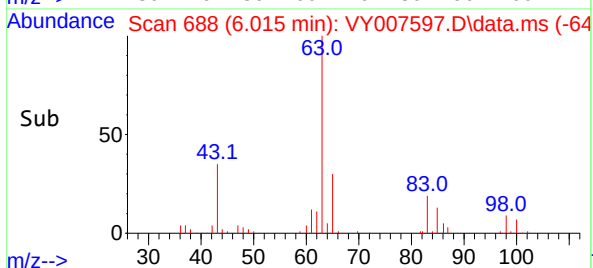
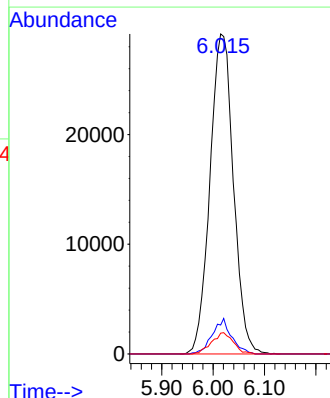
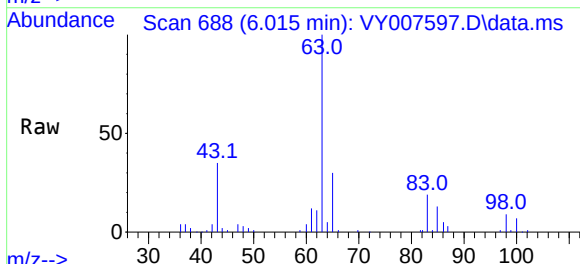
Manual Integrations
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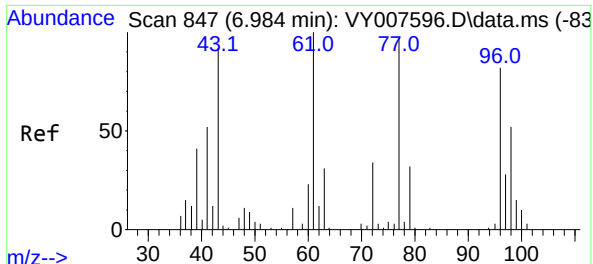
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#24
 1,1-Dichloroethane
 Concen: 79.851 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY007597.D
 Acq: 23 Feb 2022 14:06

Tgt Ion: 63 Resp: 92347
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.6 10.8
 100 6.5 2.0 5.8





#25

2-Butanone

Concen: 483.139 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY007597.D

Acq: 23 Feb 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 90332

Ion Ratio Lower Upper

43 100

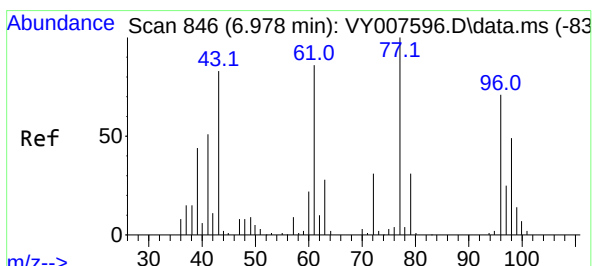
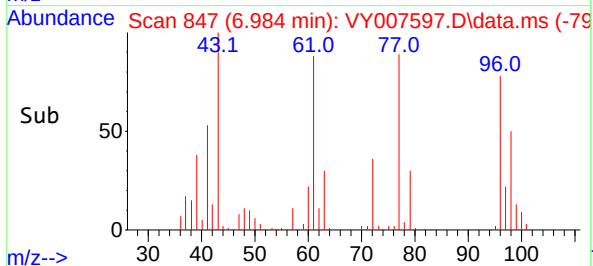
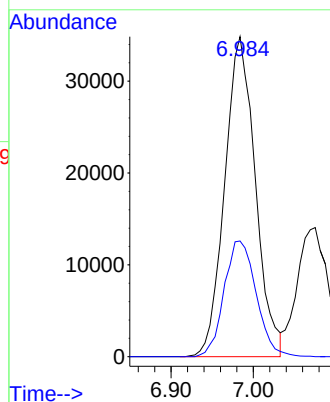
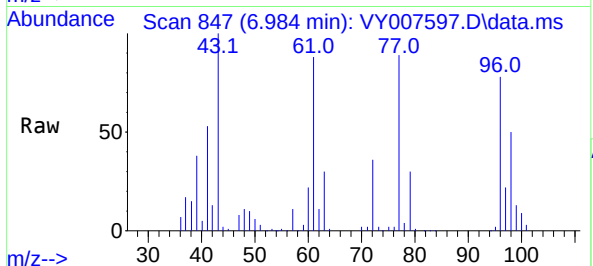
72 36.1 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#26

2,2-Dichloropropane

Concen: 78.048 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY007597.D

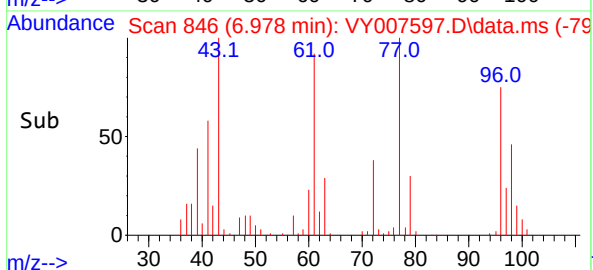
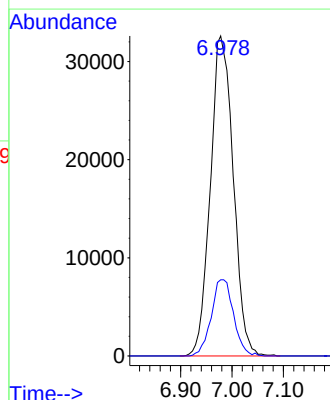
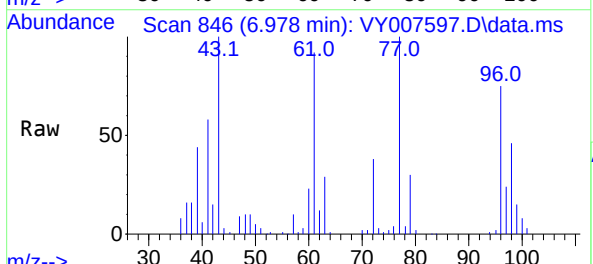
Acq: 23 Feb 2022 14:06

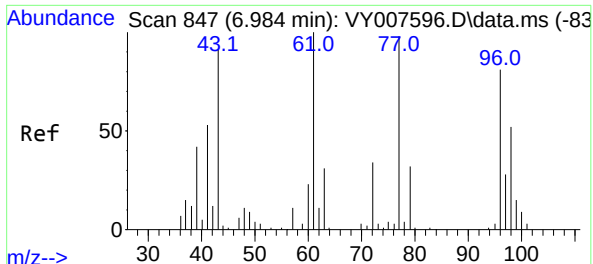
Tgt Ion: 77 Resp: 100914

Ion Ratio Lower Upper

77 100

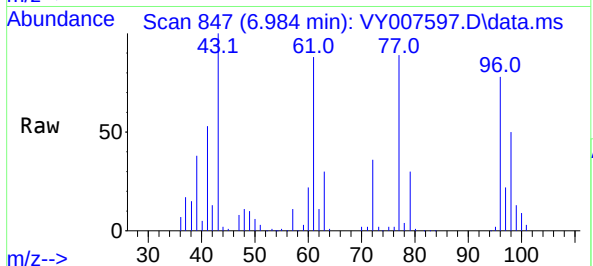
97 23.2 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 84.487 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

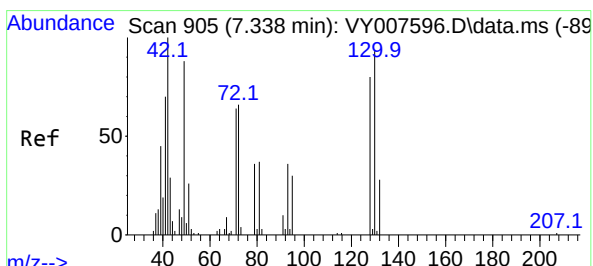
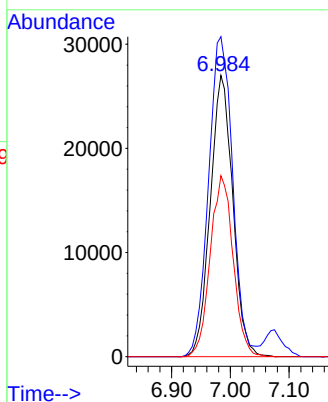
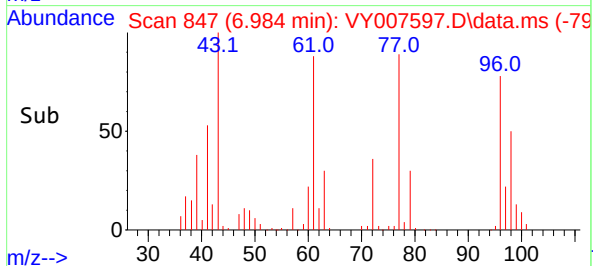
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



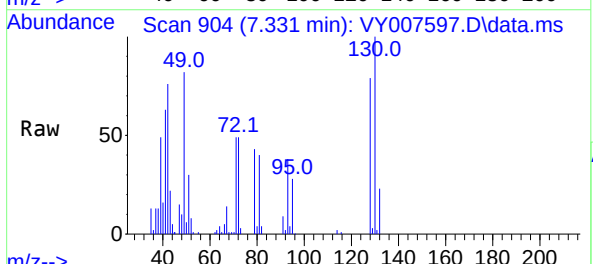
Tgt Ion: 96 Resp: 72015
Ion Ratio Lower Upper
96 100
61 121.7 0.0 319.8
98 65.3 0.0 127.0

Manual Integrations
APPROVED

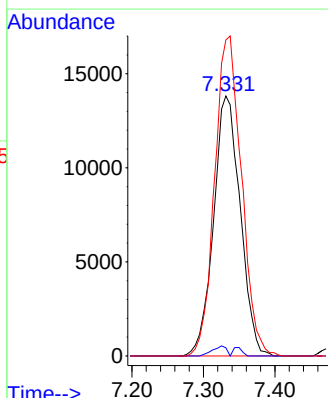
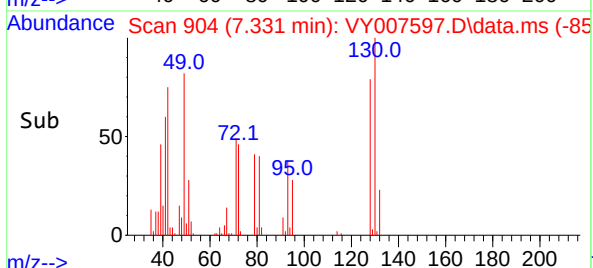
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

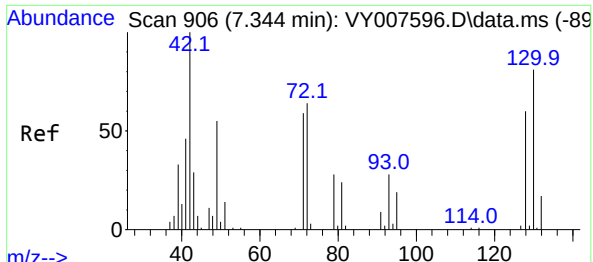


#28
Bromochloromethane
Concen: 93.502 ug/l
RT: 7.331 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



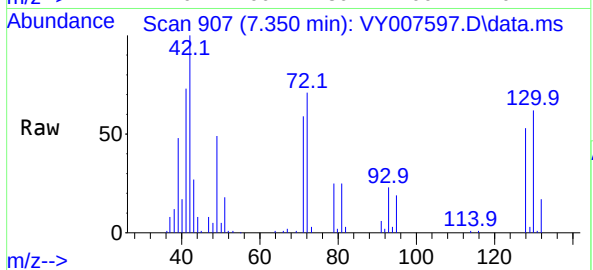
Tgt Ion: 49 Resp: 35766
Ion Ratio Lower Upper
49 100
129 2.0 0.0 2.2
130 123.8 55.4 83.0#





#29
Tetrahydrofuran
Concen: 441.147 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

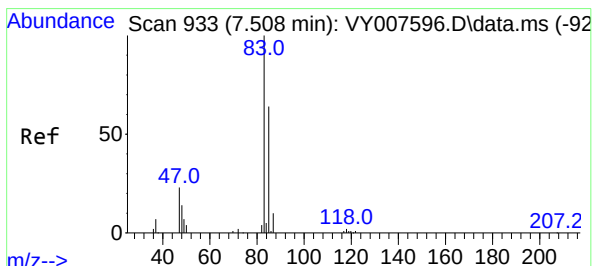
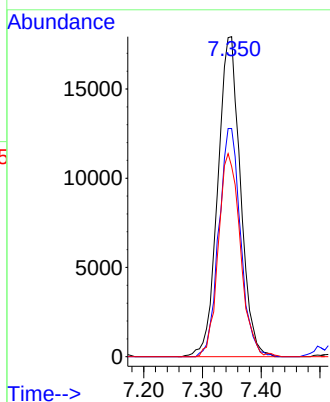
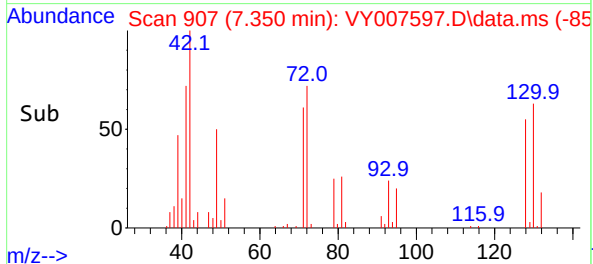
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



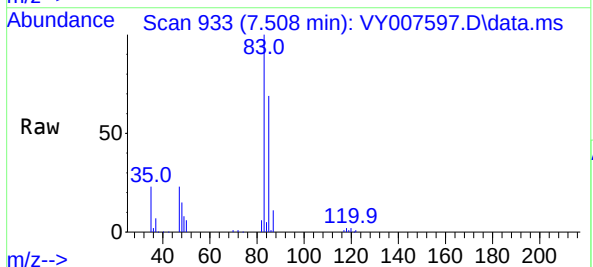
Tgt Ion: 42 Resp: 47854
Ion Ratio Lower Upper
42 100
72 68.7 30.3 45.5
71 61.9 29.0 43.4

Manual Integrations
APPROVED

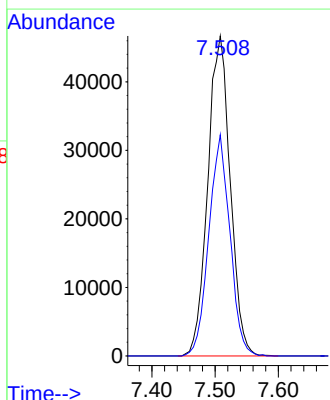
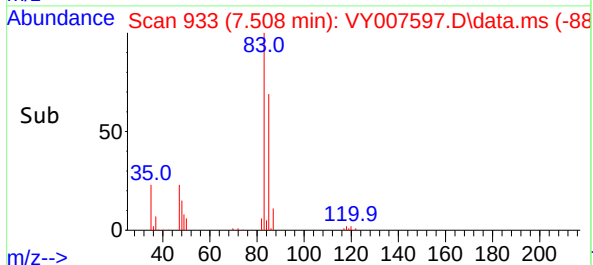
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

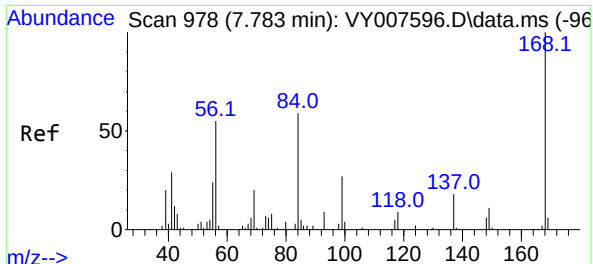


#30
Chloroform
Concen: 80.570 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



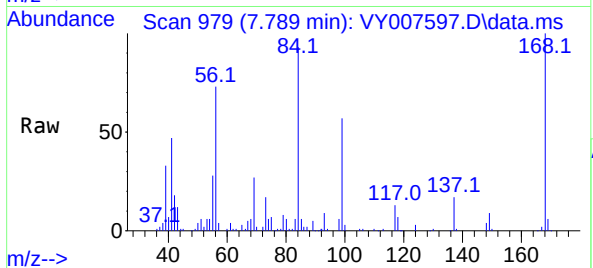
Tgt Ion: 83 Resp: 115134
Ion Ratio Lower Upper
83 100
85 69.1 51.8 77.6





#31
Cyclohexane
Concen: 57.943 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

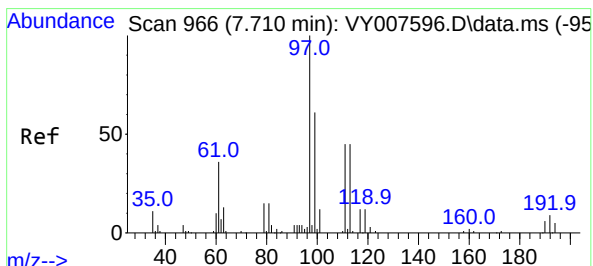
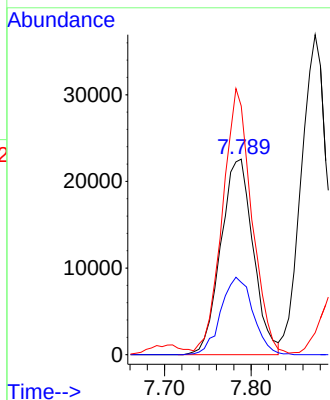
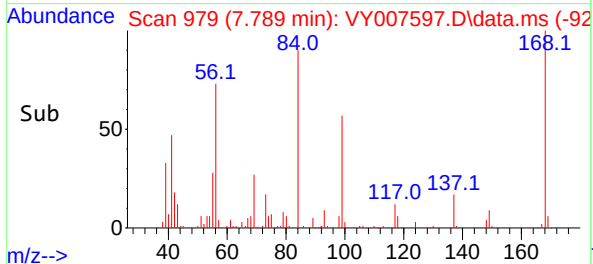
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



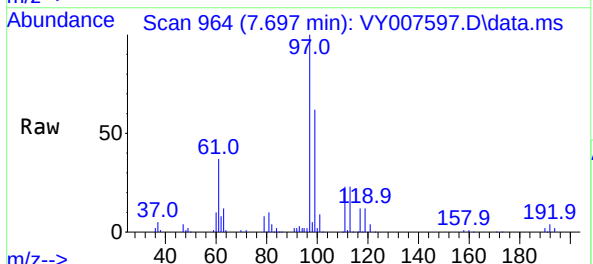
Tgt Ion: 56 Resp: 58679
Ion Ratio Lower Upper
56 100
69 37.0 26.7 40.1
84 124.3 67.2 100.8

Manual Integrations
APPROVED

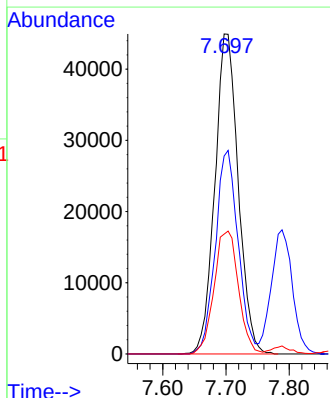
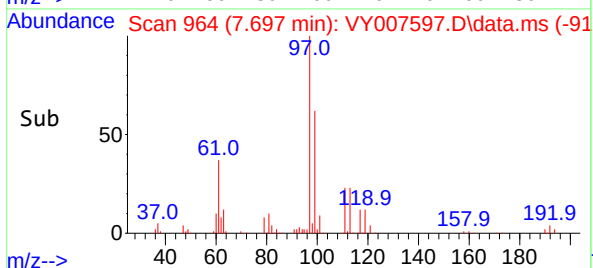
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

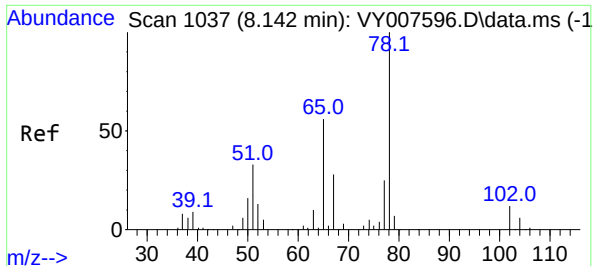


#32
1,1,1-Trichloroethane
Concen: 79.333 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.012 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



Tgt Ion: 97 Resp: 115160
Ion Ratio Lower Upper
97 100
99 62.0 50.7 76.1
61 40.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 94.175 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY007597.D

Acq: 23 Feb 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 6722

Ion Ratio Lower Upper

65 100

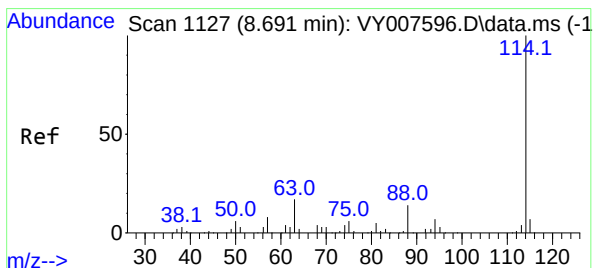
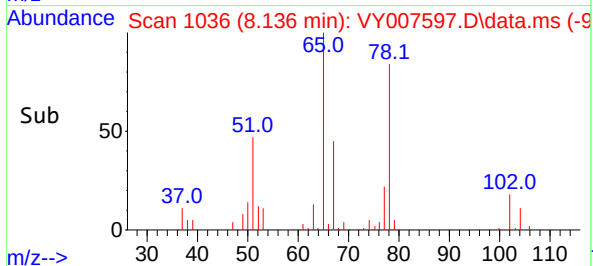
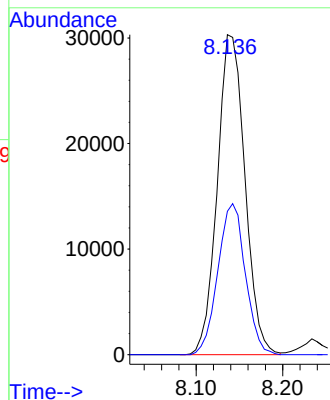
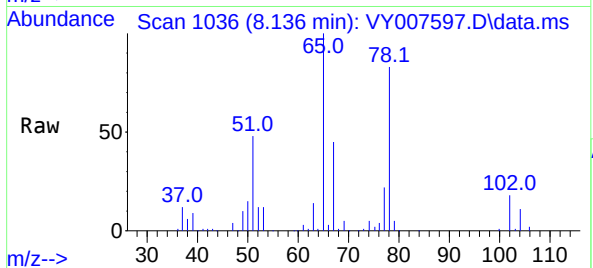
67 46.9 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007597.D

Acq: 23 Feb 2022 14:06

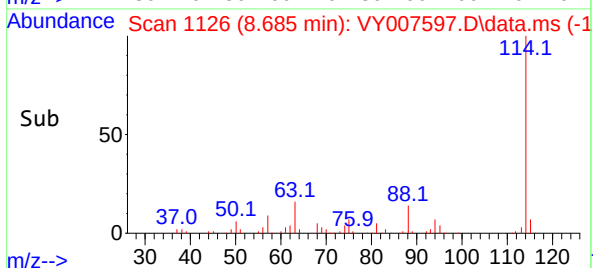
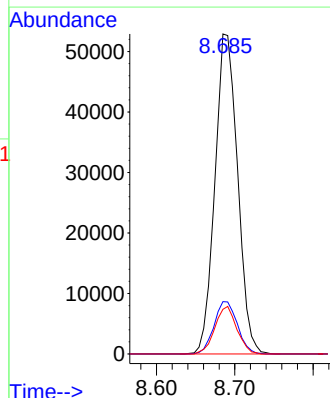
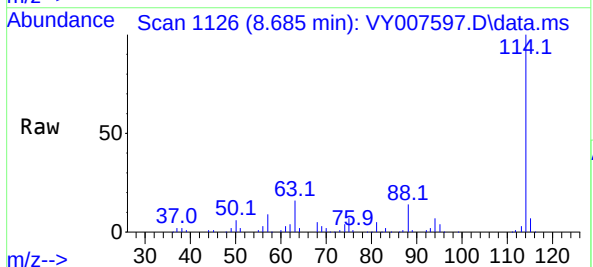
Tgt Ion:114 Resp: 106398

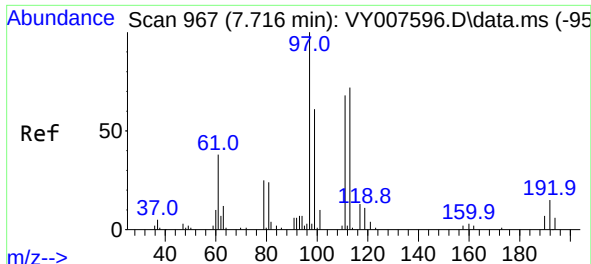
Ion Ratio Lower Upper

114 100

63 16.4 0.0 43.2

88 14.0 0.0 31.8





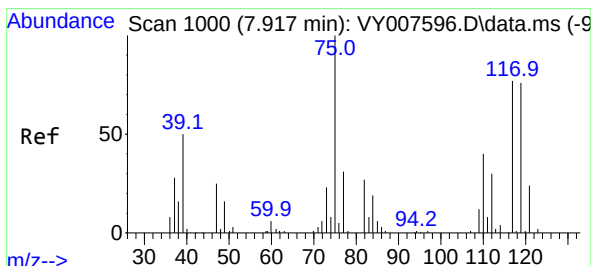
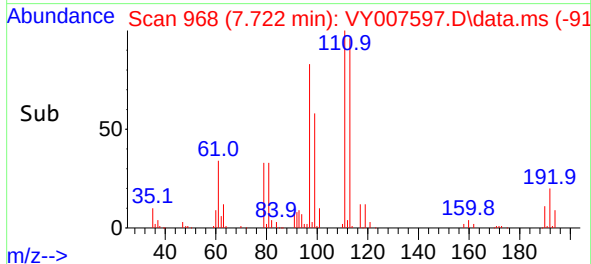
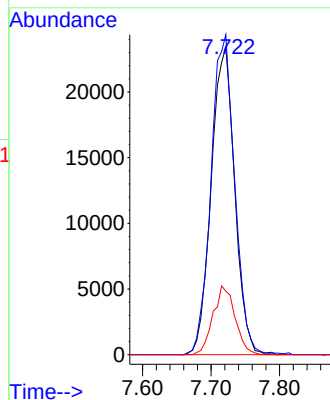
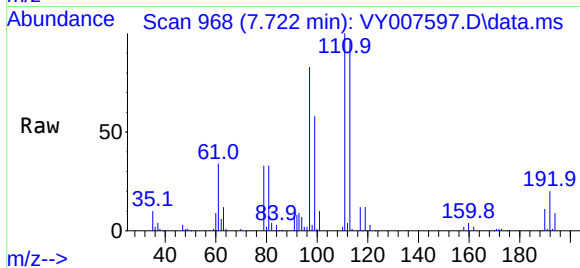
#35
Dibromofluoromethane
Concen: 83.856 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:113 Resp: 5566
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 21.0 17.6 26.4

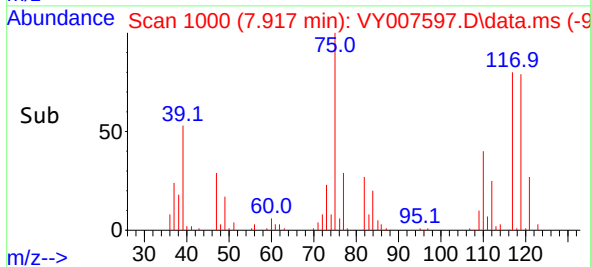
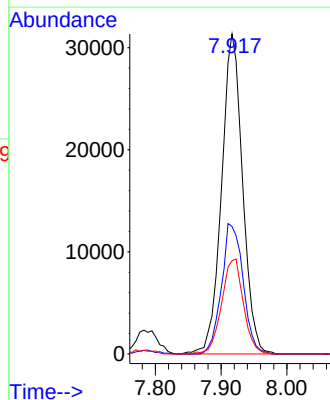
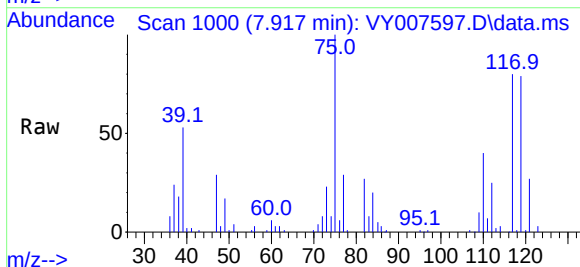
Manual Integrations
APPROVED

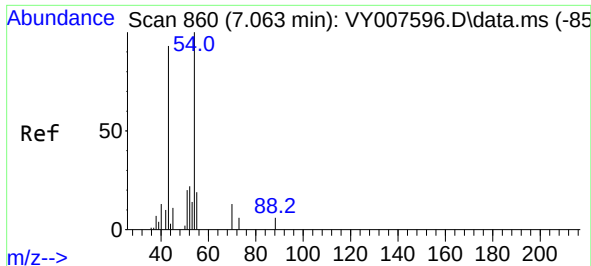
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#36
1,1-Dichloropropene
Concen: 70.213 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Tgt Ion: 75 Resp: 69797
Ion Ratio Lower Upper
75 100
110 41.8 17.1 51.2
77 30.7 24.4 36.6





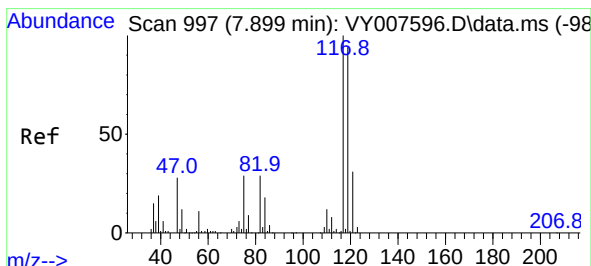
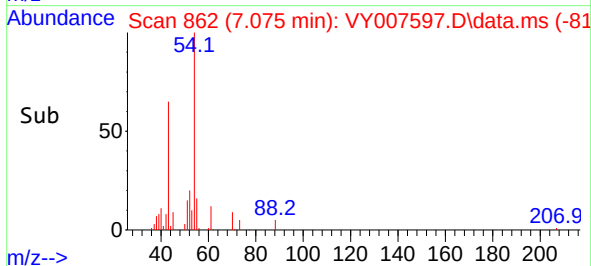
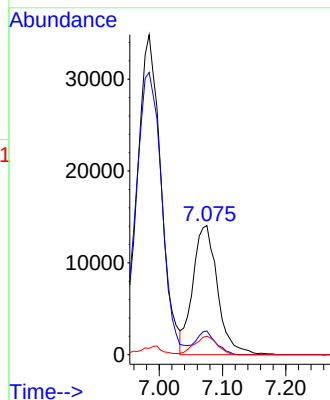
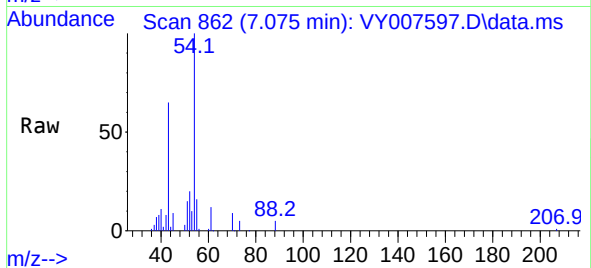
#37
Ethyl Acetate
Concen: 94.532 ug/l
RT: 7.075 min Scan# 860
Delta R.T. 0.012 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 3832
Ion Ratio Lower Upper
43 100
61 14.8 9.7 14.5
70 13.2 7.1 10.7

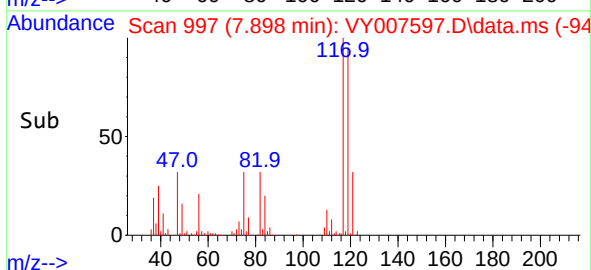
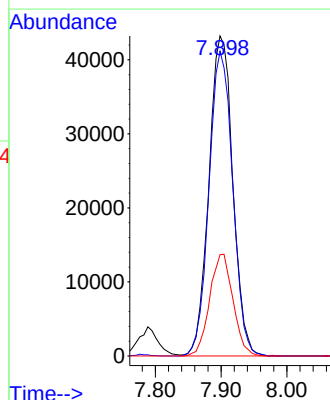
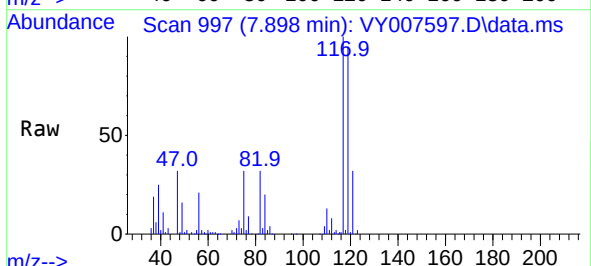
Manual Integrations
APPROVED

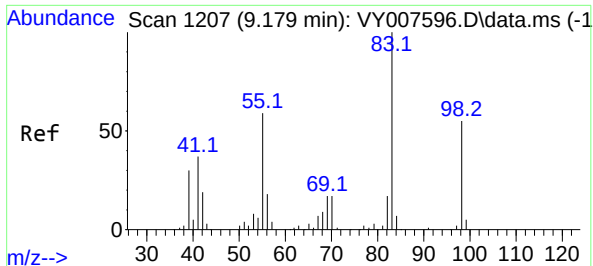
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#38
Carbon Tetrachloride
Concen: 79.599 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Tgt Ion:117 Resp: 109334
Ion Ratio Lower Upper
117 100
119 95.2 77.9 116.9
121 31.7 24.8 37.2





#39

Methylcyclohexane

Concen: 68.243 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007597.D

Acq: 23 Feb 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 85900

Ion Ratio Lower Upper

83 100

55 54.1 66.5 99.7

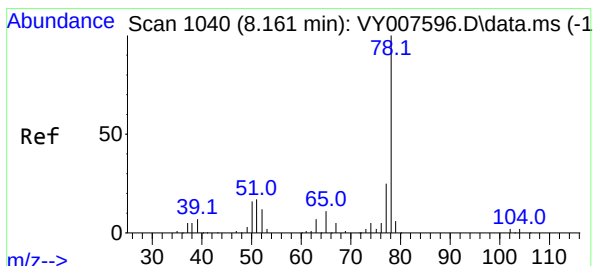
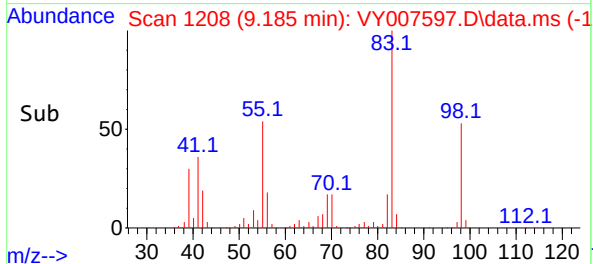
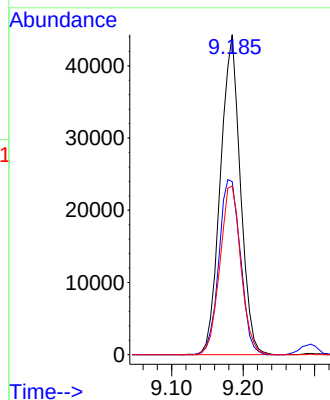
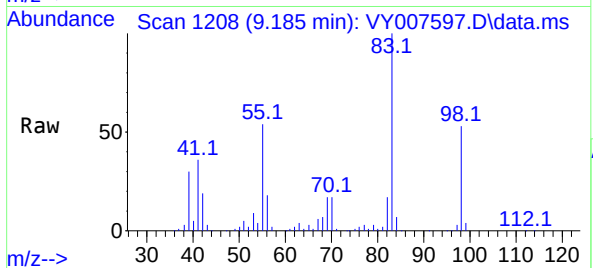
98 52.7 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#40

Benzene

Concen: 77.200 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY007597.D

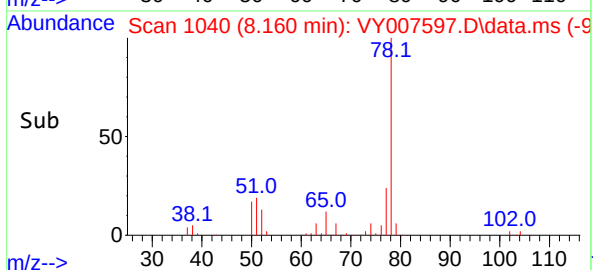
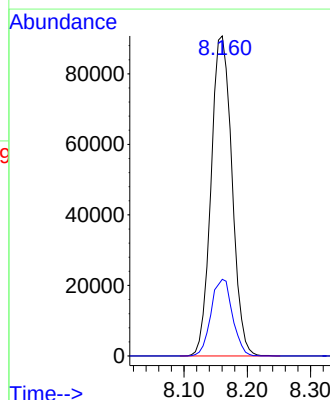
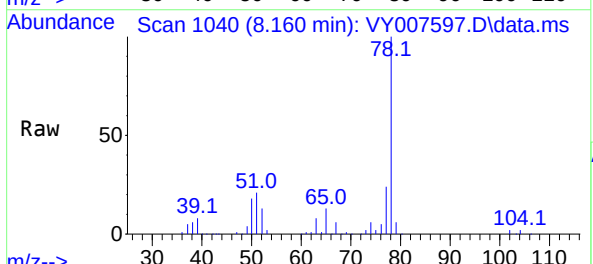
Acq: 23 Feb 2022 14:06

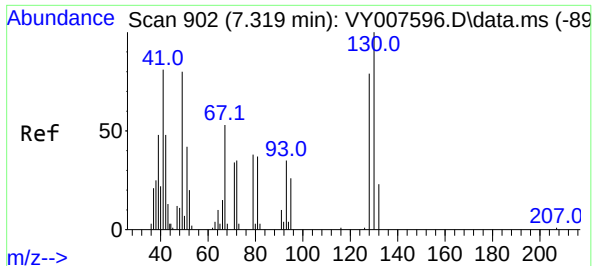
Tgt Ion: 78 Resp: 207678

Ion Ratio Lower Upper

78 100

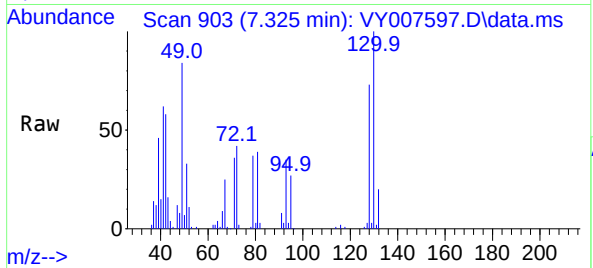
77 24.0 20.4 30.6





#41
Methacrylonitrile
Concen: 107.048 ug/l m
RT: 7.325 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

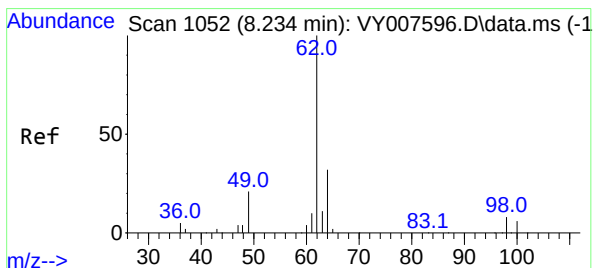
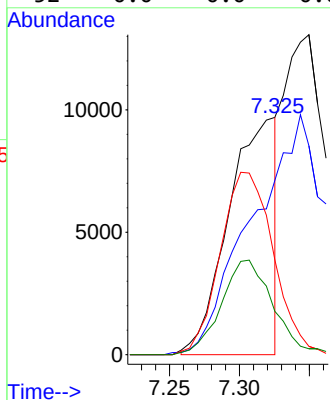
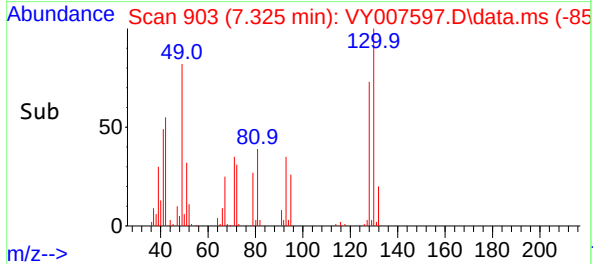
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 2299
Ion Ratio Lower Upper
41 100
39 155.2 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

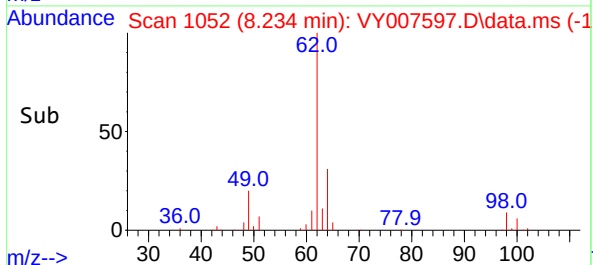
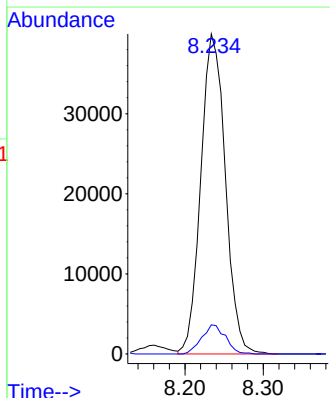
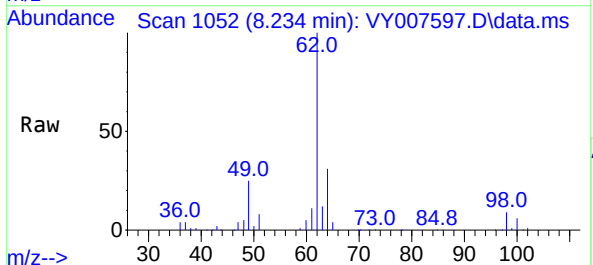
Manual Integrations
APPROVED

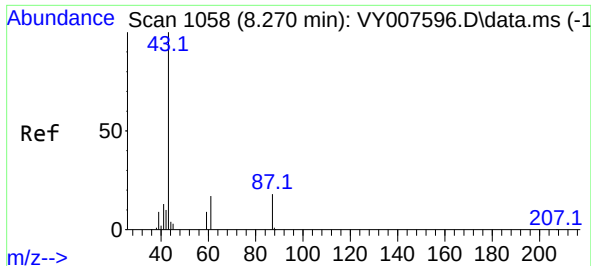
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#42
1,2-Dichloroethane
Concen: 92.699 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

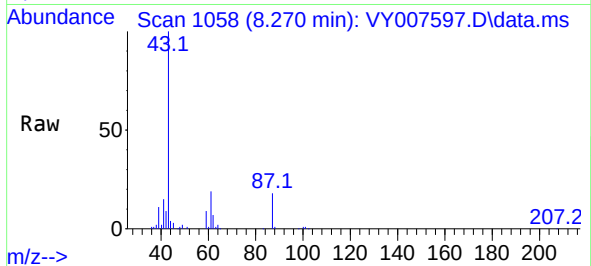
Tgt Ion: 62 Resp: 86878
Ion Ratio Lower Upper
62 100
98 8.8 0.0 14.8





#43
Isopropyl Acetate
Concen: 94.008 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

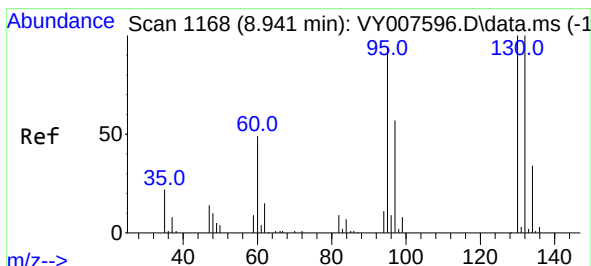
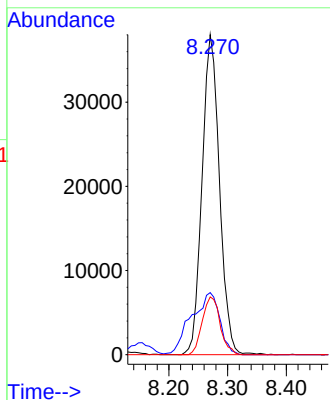
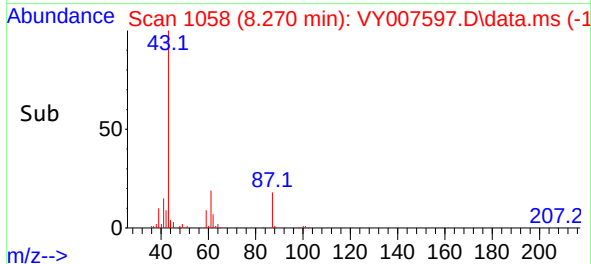
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 7818
Ion Ratio Lower Upper
43 100
61 31.6 20.2 30.2
87 18.6 8.9 13.3

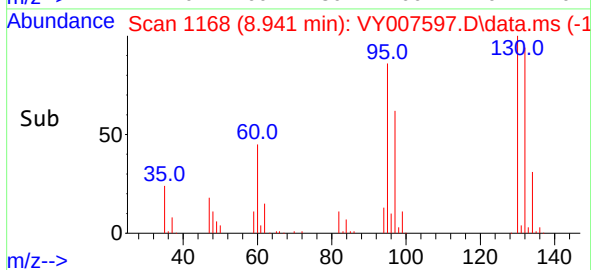
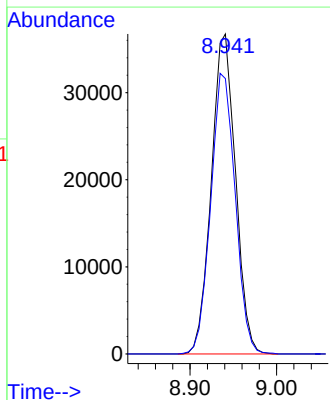
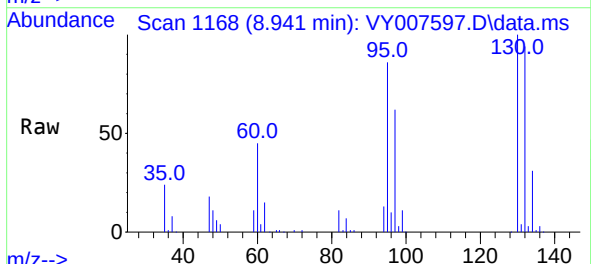
Manual Integrations
APPROVED

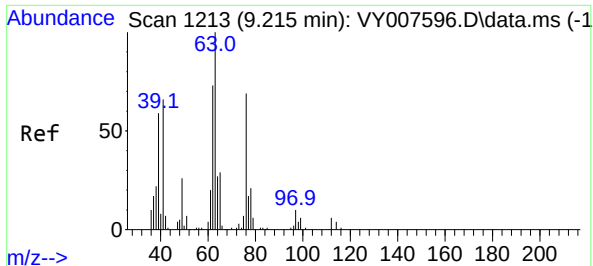
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#44
Trichloroethene
Concen: 78.893 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Tgt Ion:130 Resp: 71246
Ion Ratio Lower Upper
130 100
95 86.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 79.385 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007597.D

Acq: 23 Feb 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 4725

Ion Ratio Lower Upper

63 100

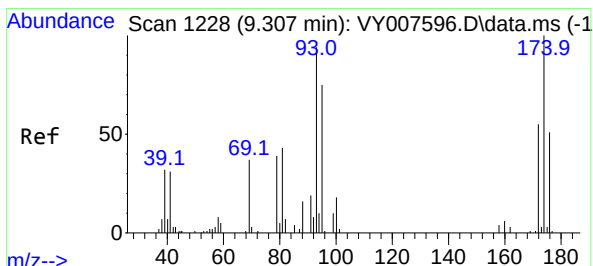
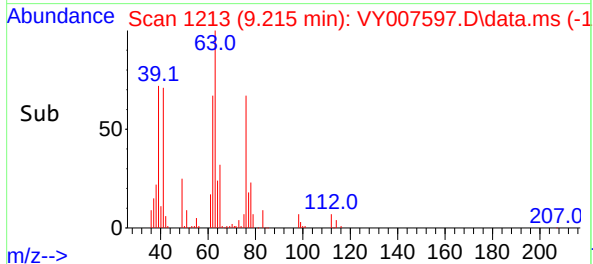
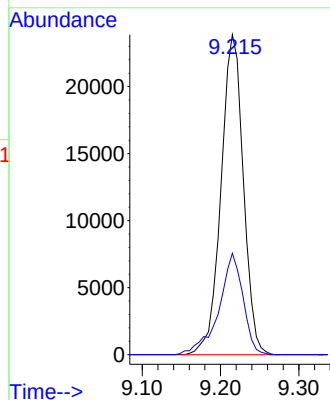
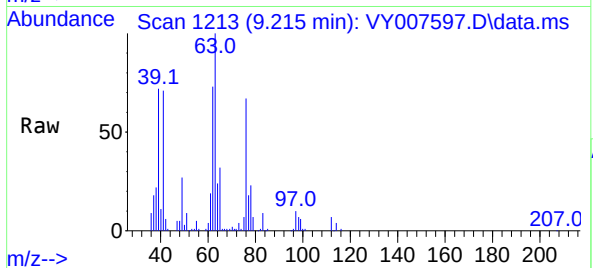
65 31.7 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#46

Dibromomethane

Concen: 94.809 ug/l

RT: 9.300 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY007597.D

Acq: 23 Feb 2022 14:06

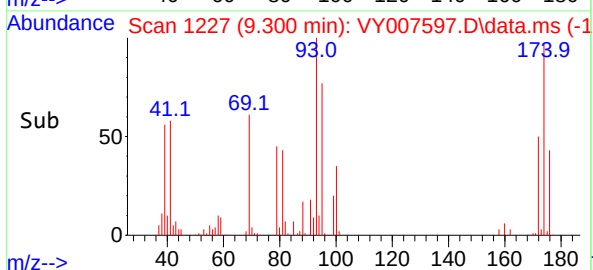
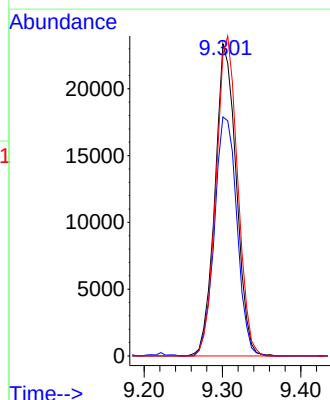
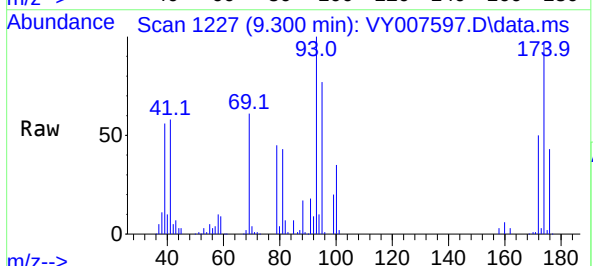
Tgt Ion: 93 Resp: 44153

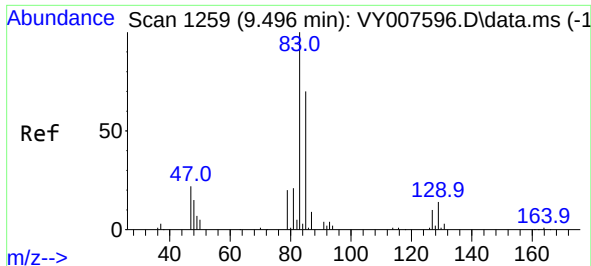
Ion Ratio Lower Upper

93 100

95 80.7 64.3 96.5

174 103.6 83.4 125.0





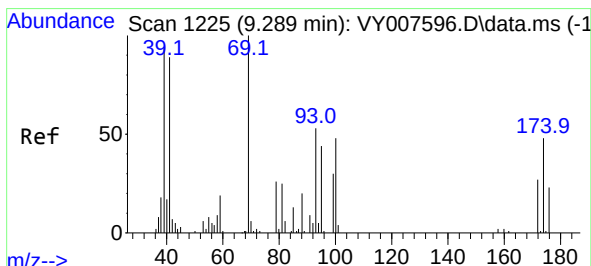
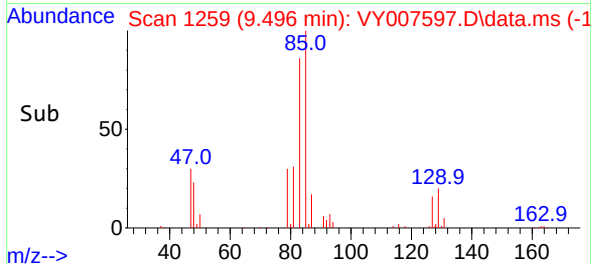
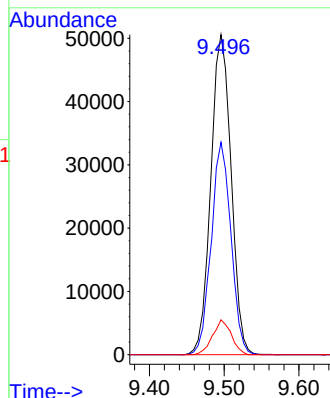
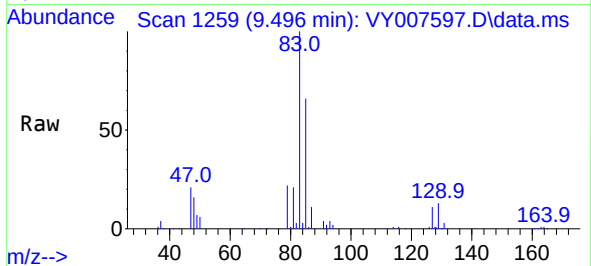
#47
Bromodichloromethane
Concen: 87.320 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 95448
Ion Ratio Lower Upper
83 100
85 66.3 51.9 77.9
127 10.9 6.6 10.0

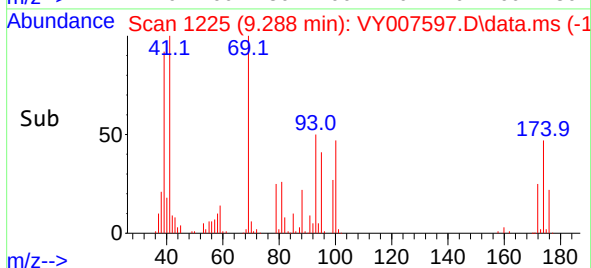
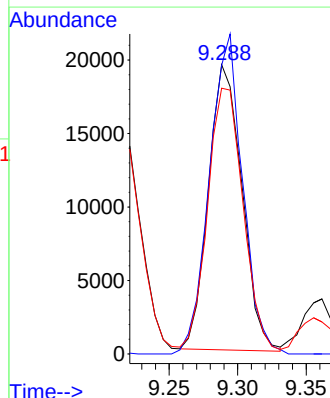
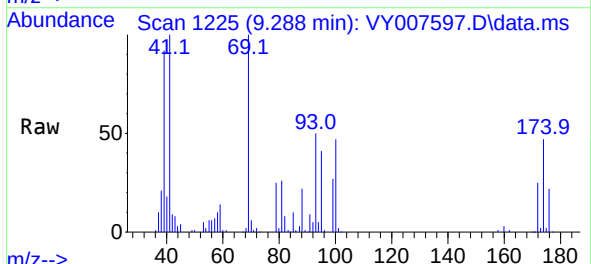
Manual Integrations
APPROVED

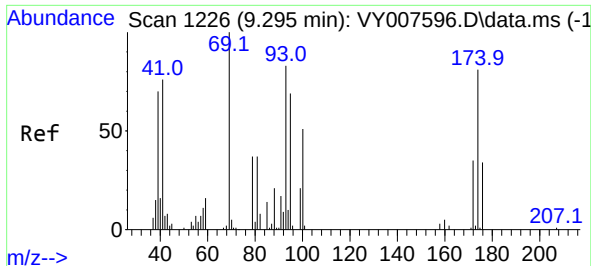
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#48
Methyl methacrylate
Concen: 93.615 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Tgt Ion: 41 Resp: 33146
Ion Ratio Lower Upper
41 100
69 110.6 58.2 87.2#
39 99.6 47.4 71.0#





#49

1,4-Dioxane

Concen: 2147.797 ug/l

RT: 9.294 min Scan# 1148

Delta R.T. -0.000 min

Lab File: VY007597.D

Acq: 23 Feb 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 88 Resp: 1148

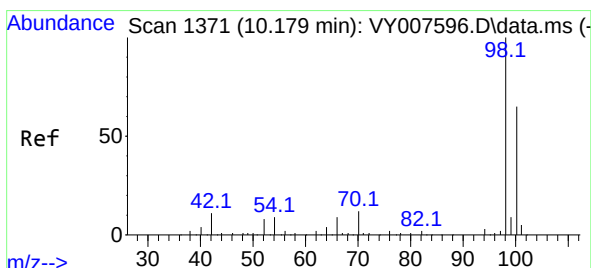
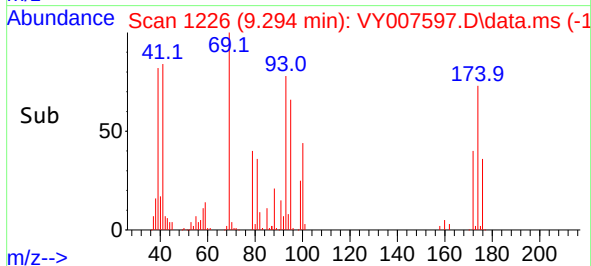
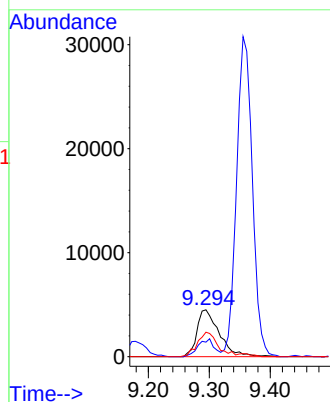
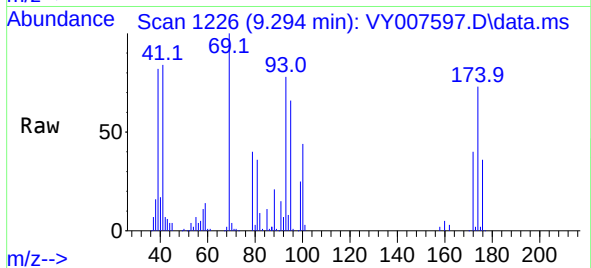
Ion	Ratio	Lower	Upper
88	100		
43	27.6	32.8	49.2
58	48.3	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#50

Toluene-d8

Concen: 76.777 ug/l

RT: 10.178 min Scan# 1371

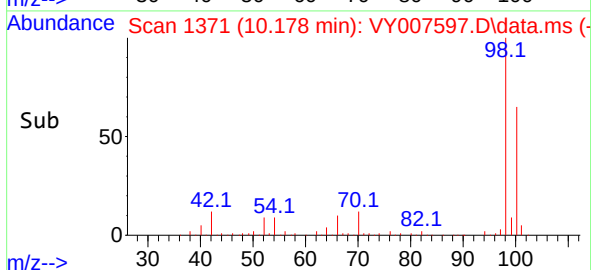
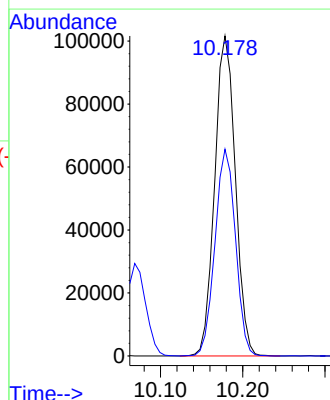
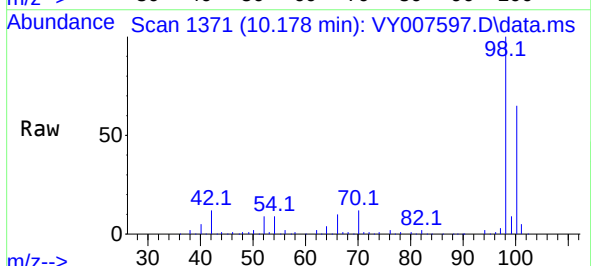
Delta R.T. -0.000 min

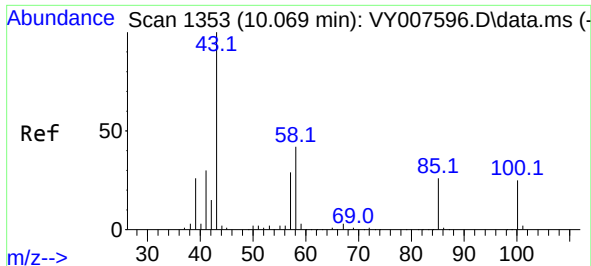
Lab File: VY007597.D

Acq: 23 Feb 2022 14:06

Tgt Ion: 98 Resp: 177321

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.2	75.2





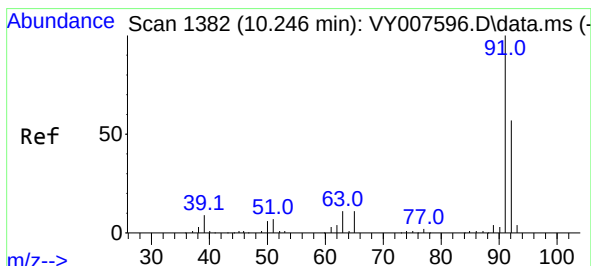
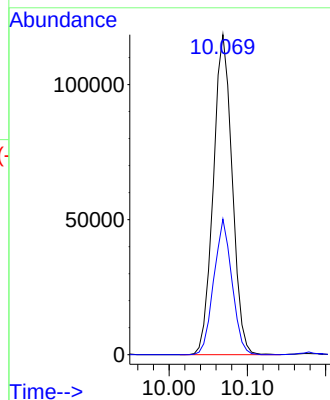
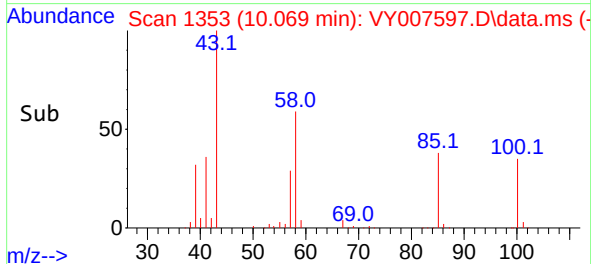
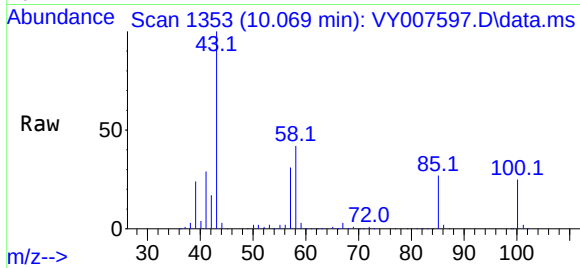
#51
4-Methyl-2-Pentanone
Concen: 478.541 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 198135
Ion Ratio Lower Upper
43 100
58 40.8 28.1 42.1

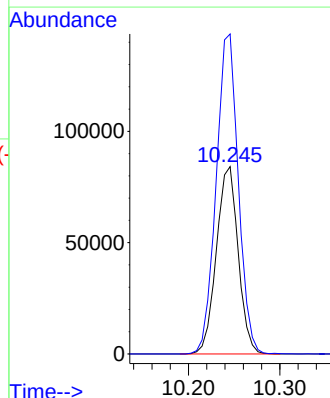
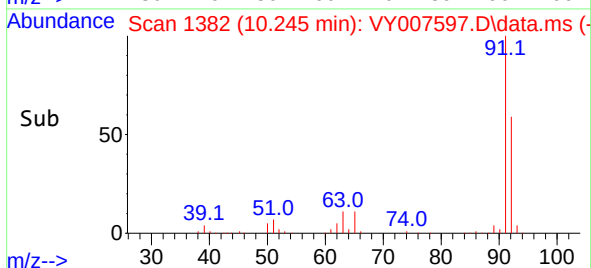
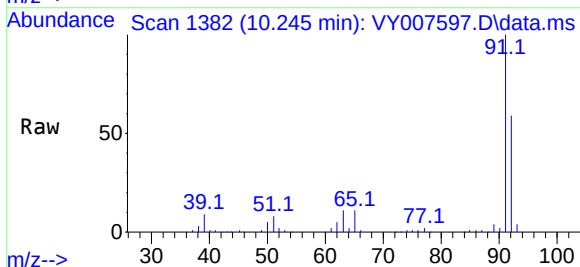
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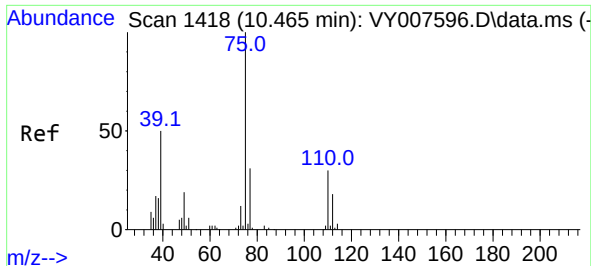
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#52
Toluene
Concen: 75.576 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

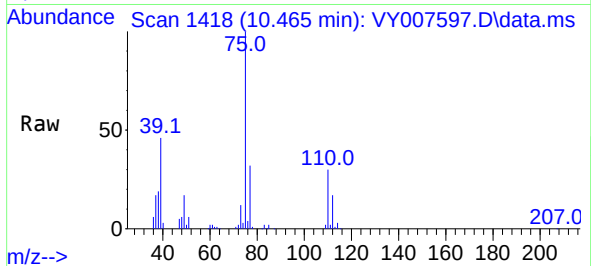
Tgt Ion: 92 Resp: 139245
Ion Ratio Lower Upper
92 100
91 173.8 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 86.386 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

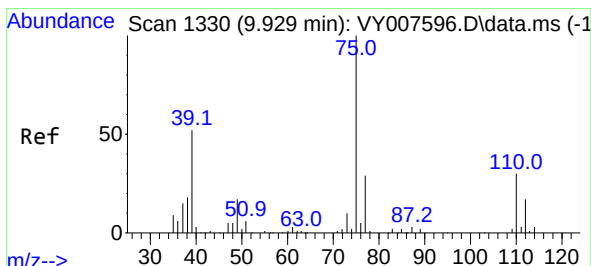
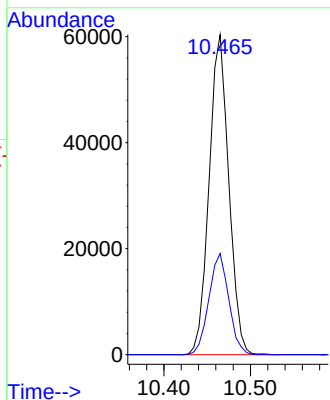
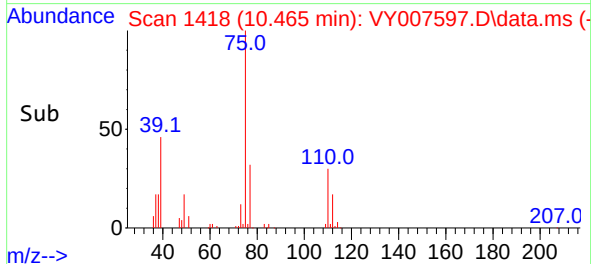
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



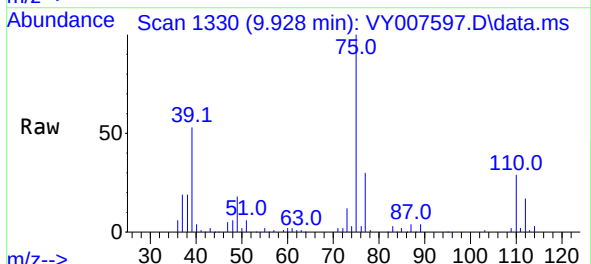
Tgt Ion: 75 Resp: 95250
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

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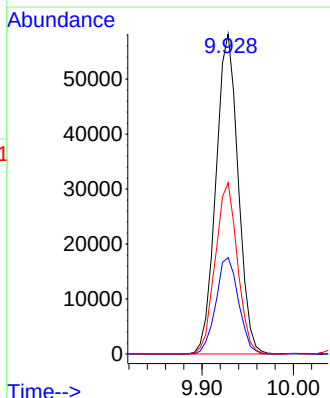
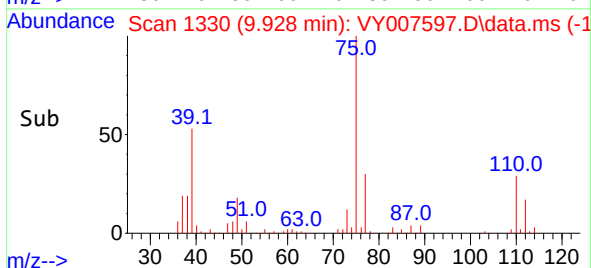
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

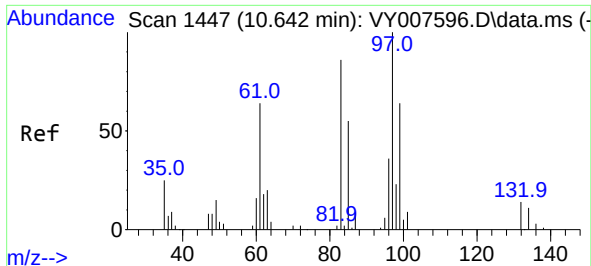


#54
cis-1,3-Dichloropropene
Concen: 84.424 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



Tgt Ion: 75 Resp: 98360
Ion Ratio Lower Upper
75 100
77 30.1 25.6 38.4
39 53.5 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 88.139 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

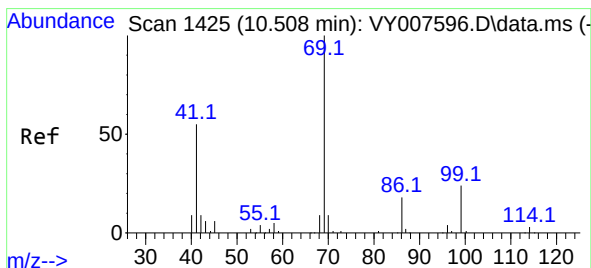
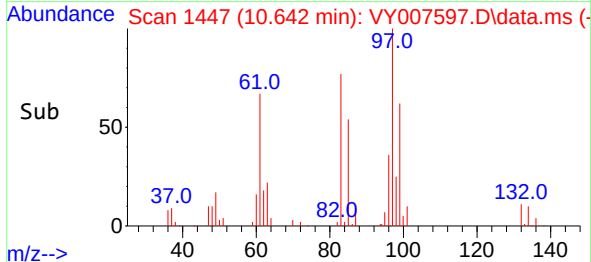
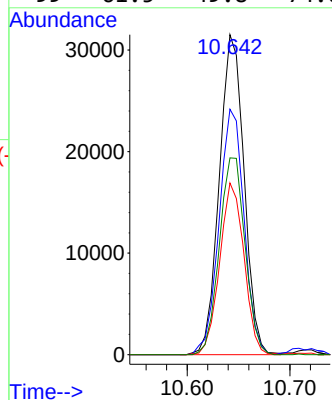
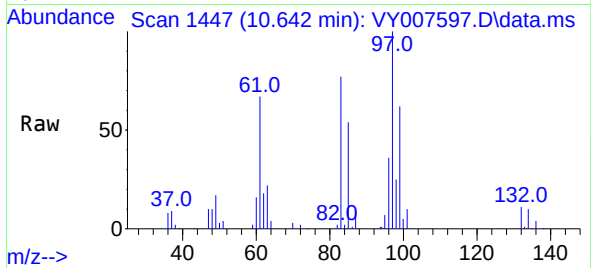
VSTDICC100

Tgt Ion: 97 Resp: 5268
Ion Ratio Lower Upper
97 100
83 76.7 69.8 104.8
85 53.7 44.3 66.5
99 61.5 49.8 74.6

Manual Integrations

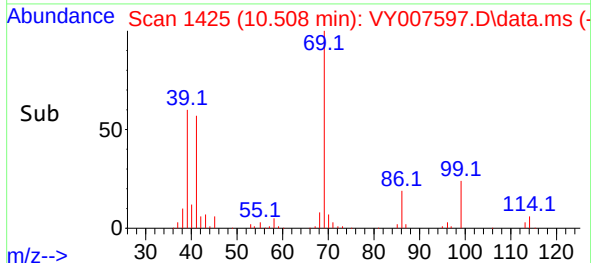
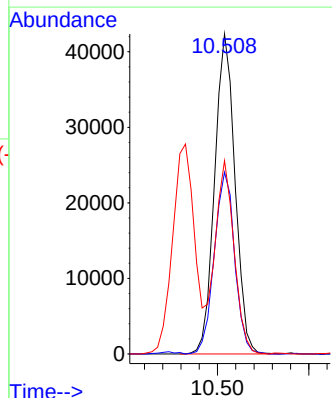
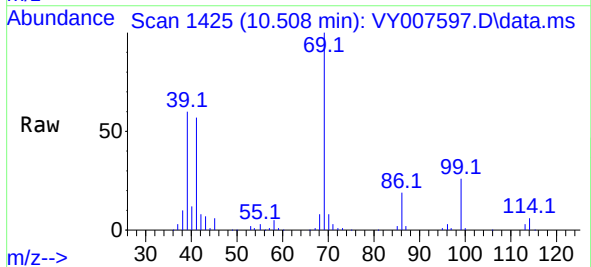
APPROVED

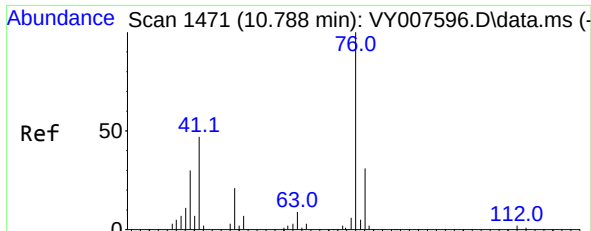
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#56
Ethyl methacrylate
Concen: 89.925 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

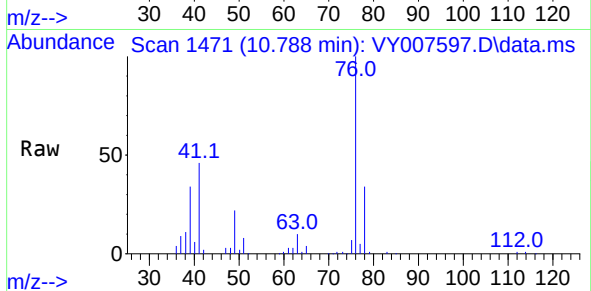
Tgt Ion: 69 Resp: 65473
Ion Ratio Lower Upper
69 100
41 57.0 63.4 95.0#
39 57.8 35.8 53.8#





#57
1,3-Dichloropropane
Concen: 87.735 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

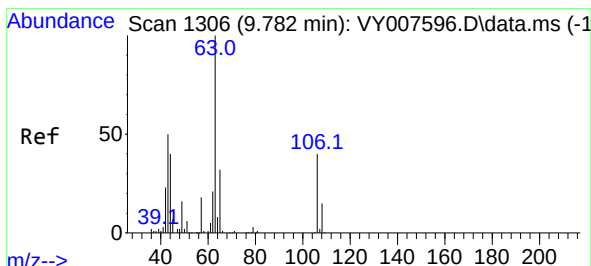
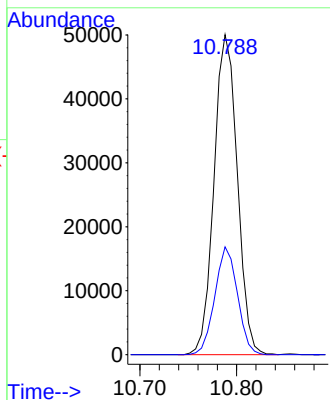
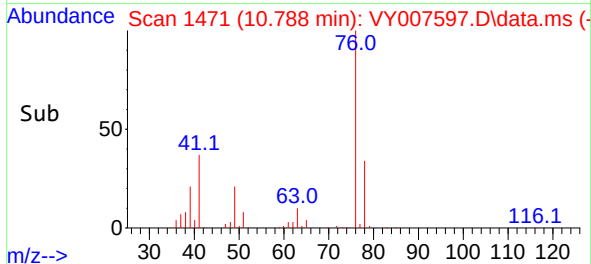
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



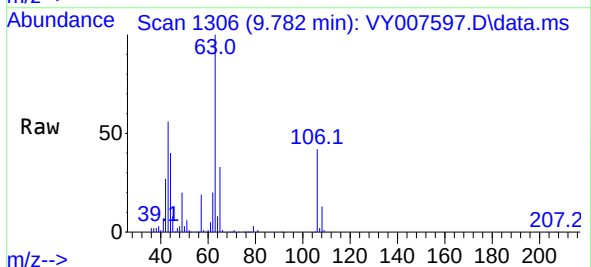
Tgt Ion: 76 Resp: 83639
Ion Ratio Lower Upper
76 100
78 32.7 25.0 37.6

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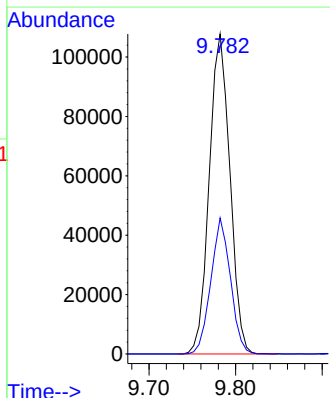
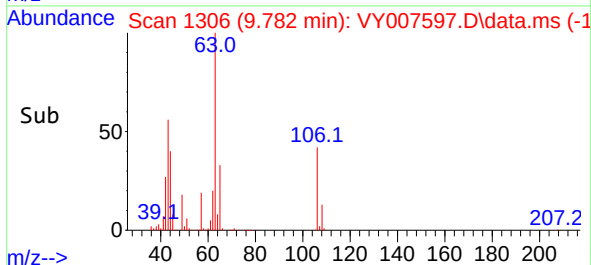
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

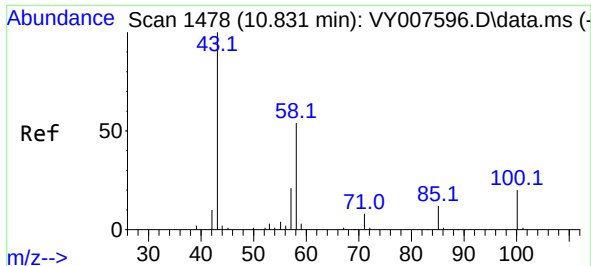


#58
2-Chloroethyl Vinyl ether
Concen: 509.422 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



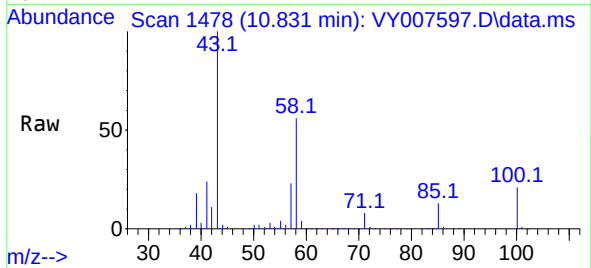
Tgt Ion: 63 Resp: 178701
Ion Ratio Lower Upper
63 100
106 40.3 21.5 32.3





#59
2-Hexanone
Concen: 480.430 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

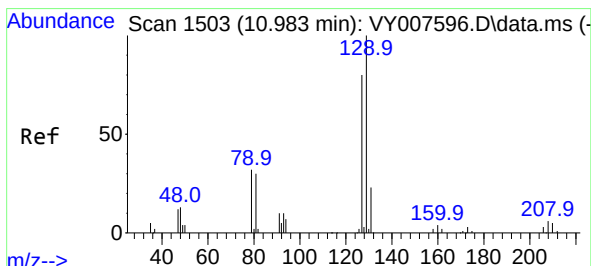
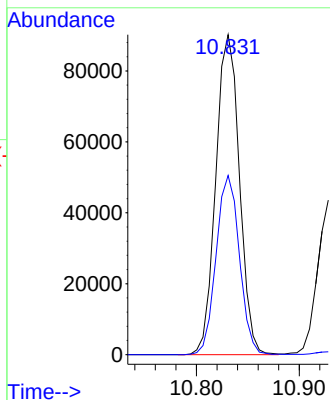
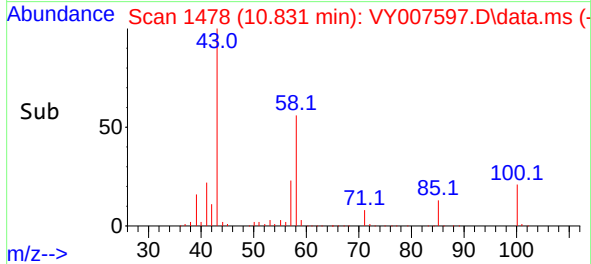
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



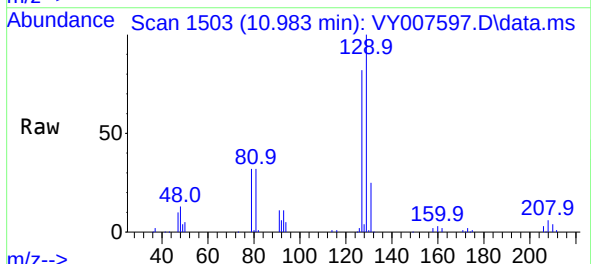
Tgt Ion: 43 Resp: 143900
Ion Ratio Lower Upper
43 100
58 55.3 24.4 73.4

Manual Integrations
APPROVED

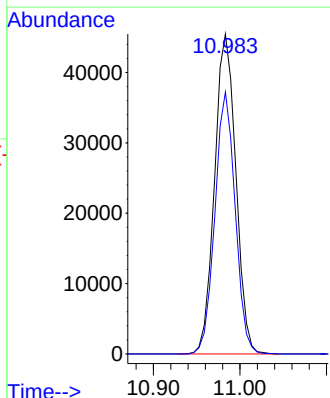
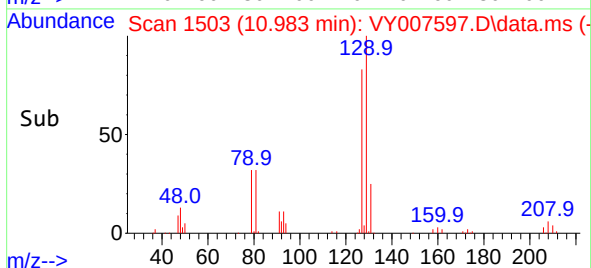
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

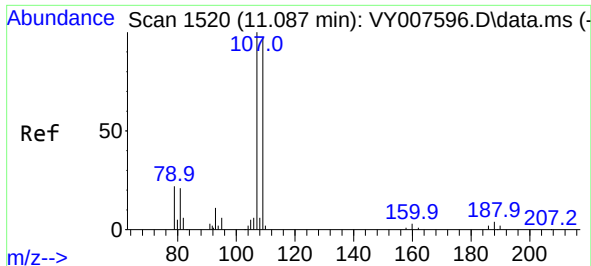


#60
Dibromochloromethane
Concen: 94.660 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



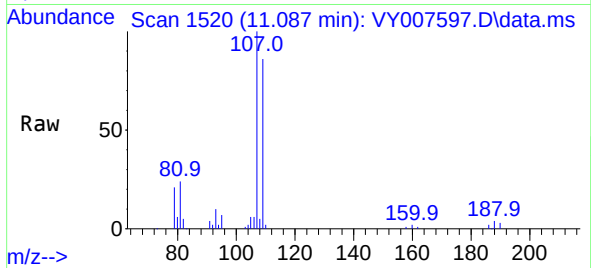
Tgt Ion:129 Resp: 77574
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 90.519 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

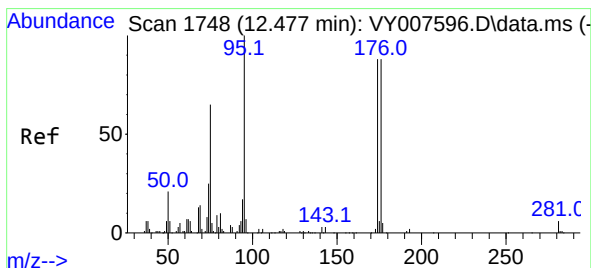
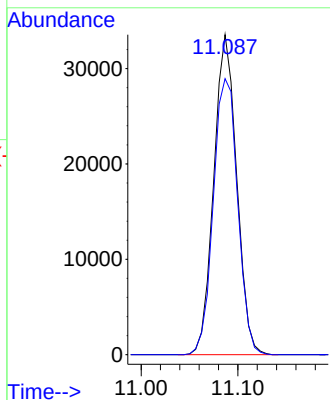
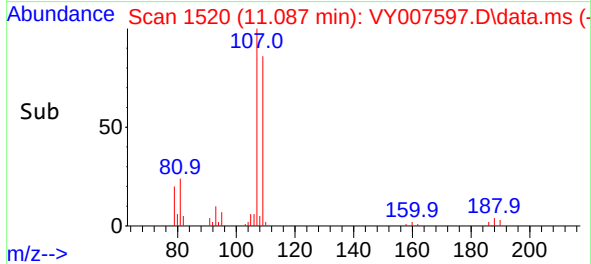
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



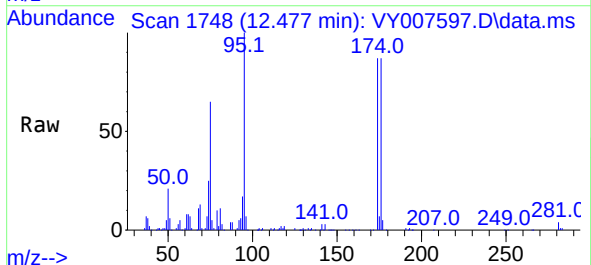
Tgt Ion:107 Resp: 5501
Ion Ratio Lower Upper
107 100
109 91.9 75.4 113.2

Manual Integrations
APPROVED

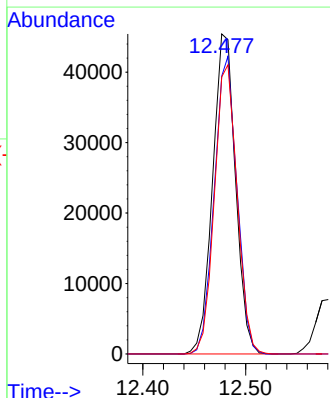
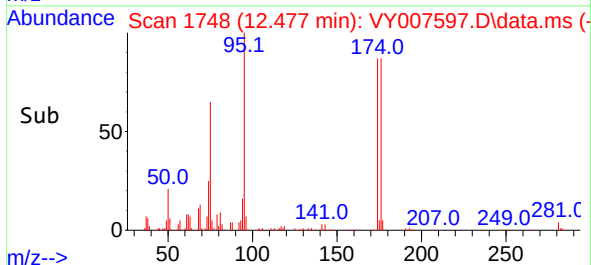
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

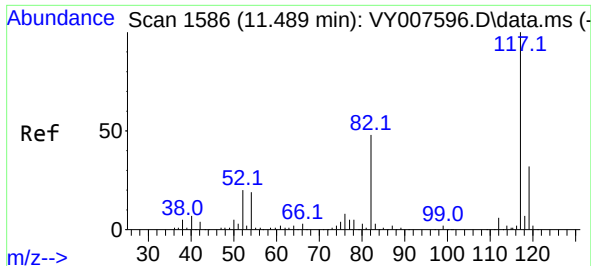


#62
4-Bromofluorobenzene
Concen: 84.575 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



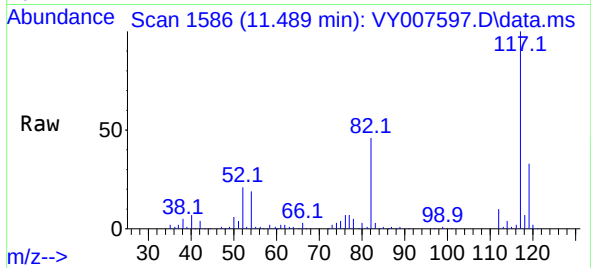
Tgt Ion: 95 Resp: 70211
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 89.6 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

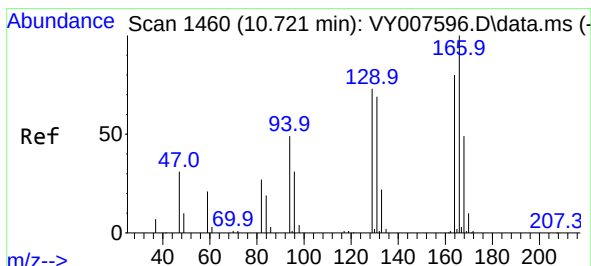
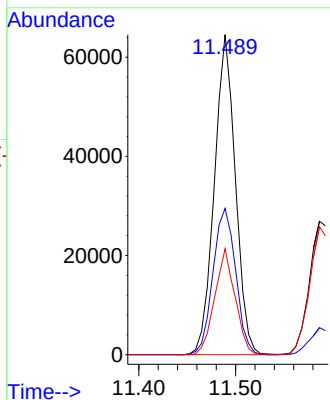
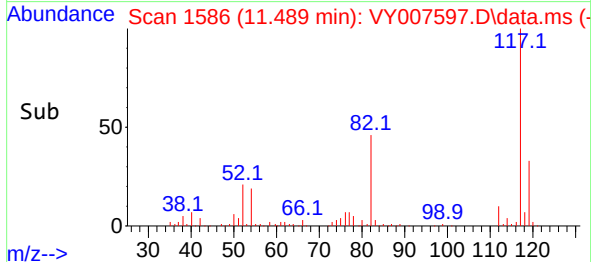
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



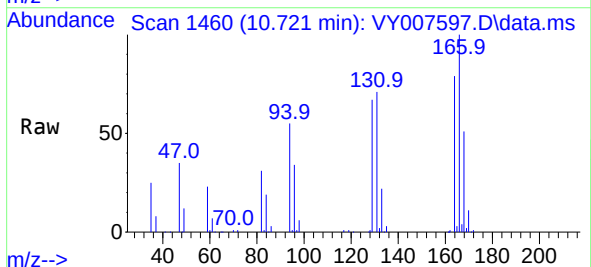
Tgt Ion:117 Resp: 97379
Ion Ratio Lower Upper
117 100
82 45.7 43.0 64.4
119 33.1 25.4 38.0

Manual Integrations
APPROVED

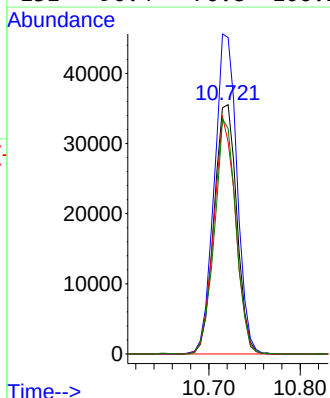
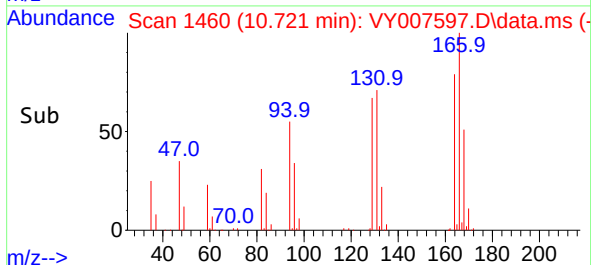
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

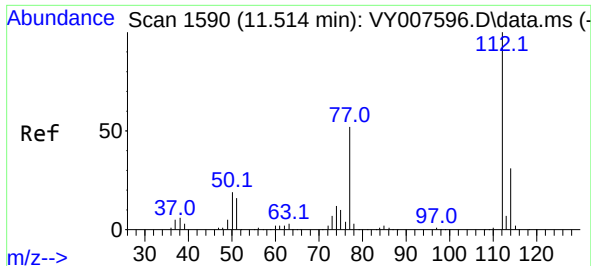


#64
Tetrachloroethene
Concen: 75.127 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



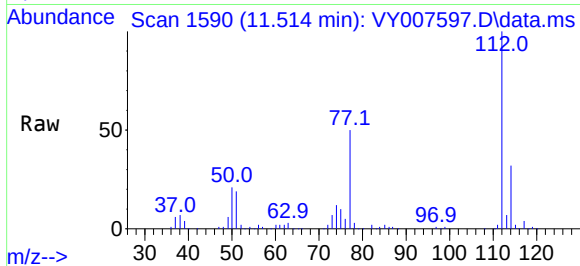
Tgt Ion:164 Resp: 61528
Ion Ratio Lower Upper
164 100
166 127.0 100.4 150.6
129 85.1 71.4 107.0
131 90.4 70.8 106.2





#65
Chlorobenzene
Concen: 82.743 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

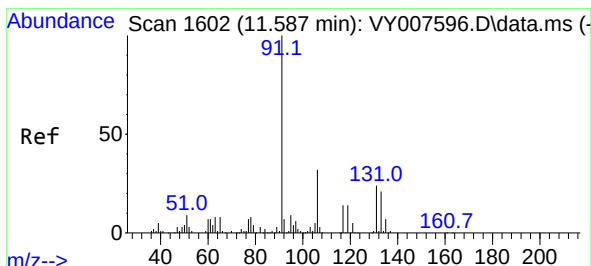
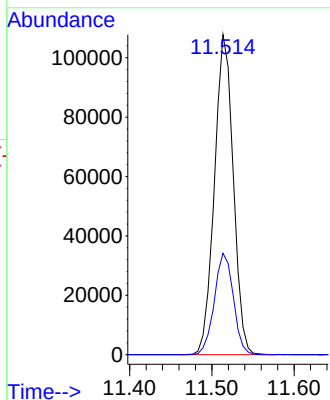
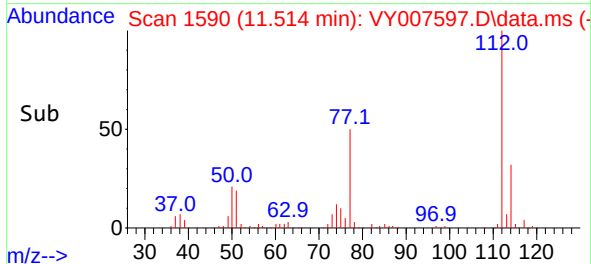
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



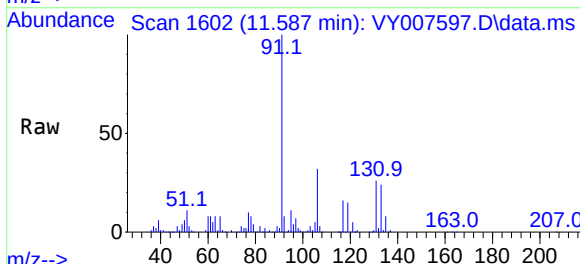
Tgt Ion:112 Resp: 171610
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6

Manual Integrations
APPROVED

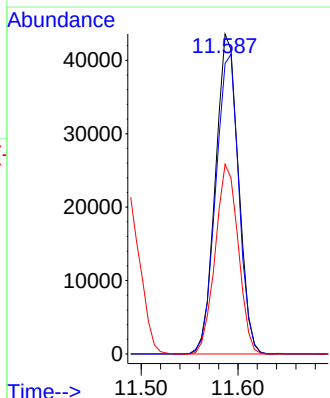
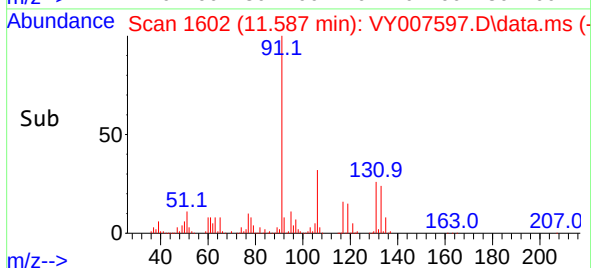
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

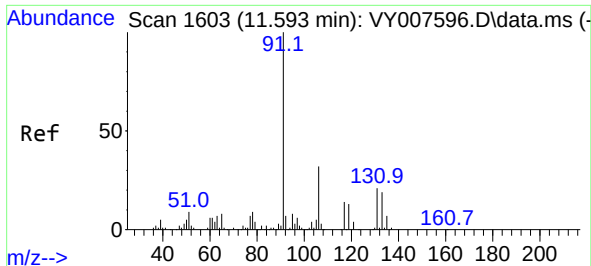


#66
1,1,1,2-Tetrachloroethane
Concen: 86.670 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



Tgt Ion:131 Resp: 71626
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.6
119 59.4 30.8 92.3





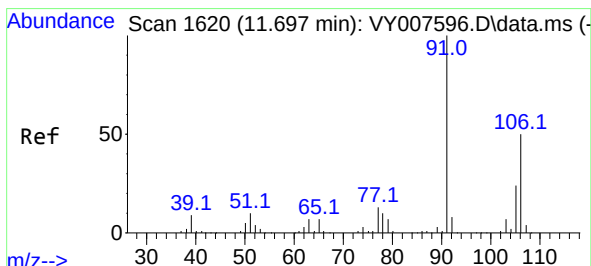
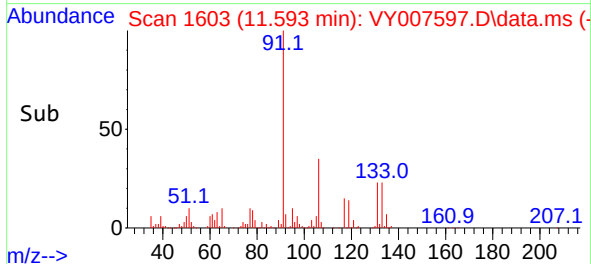
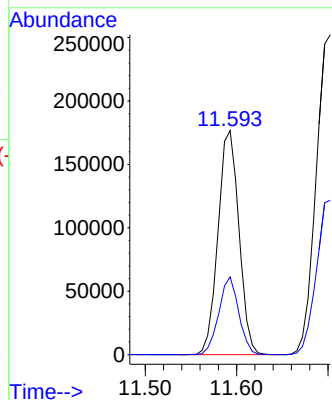
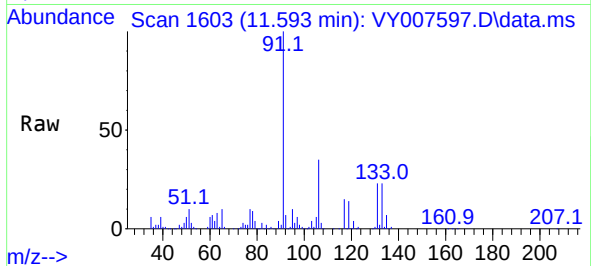
#67
Ethyl Benzene
Concen: 77.333 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 28103
Ion Ratio Lower Upper
91 100
106 34.7 24.5 36.7

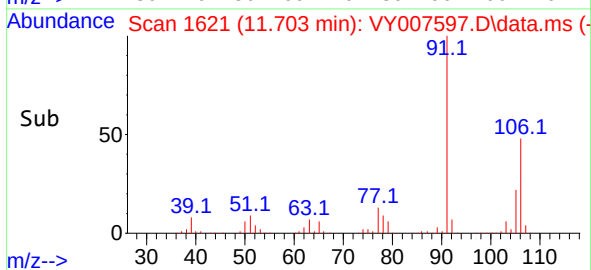
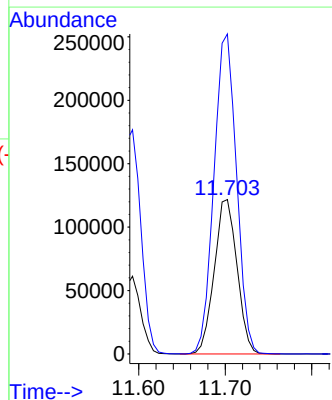
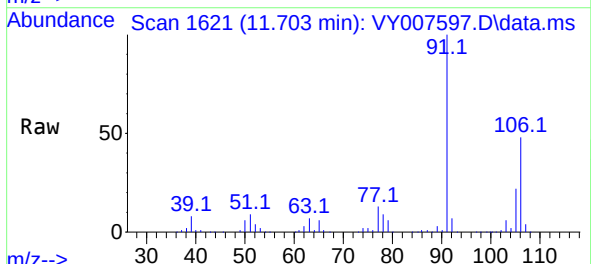
Manual Integrations
APPROVED

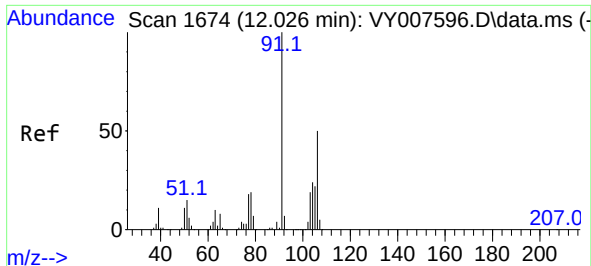
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#68
m/p-Xylenes
Concen: 159.060 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

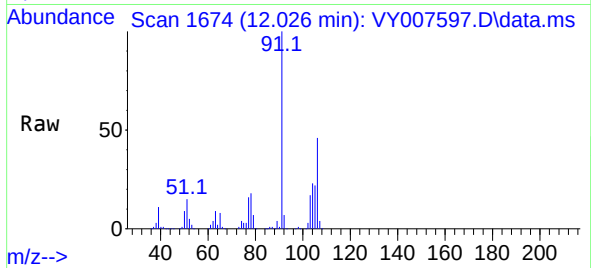
Tgt Ion:106 Resp: 222592
Ion Ratio Lower Upper
106 100
91 205.1 166.6 249.8





#69
o-Xylene
Concen: 82.773 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

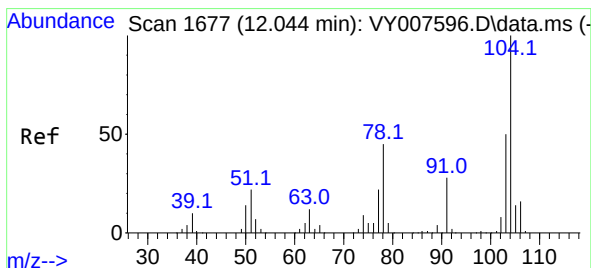
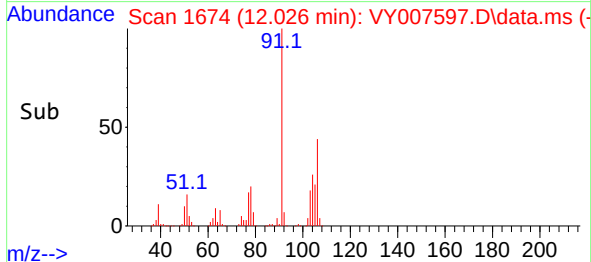
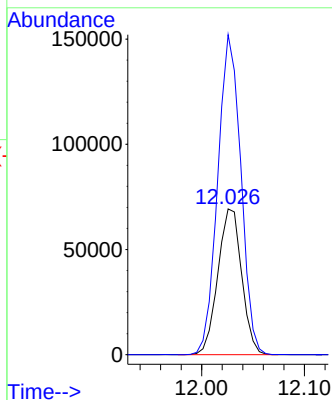
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:106 Resp: 111509
Ion Ratio Lower Upper
106 100
91 213.1 110.3 331.0

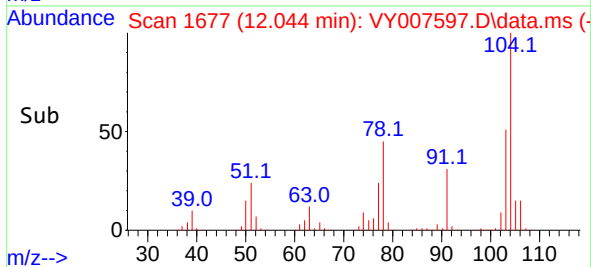
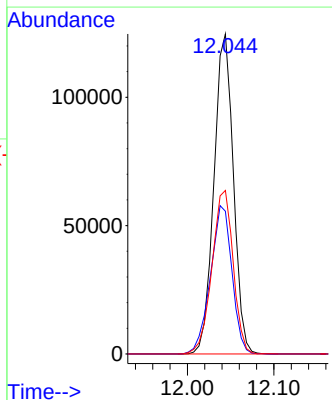
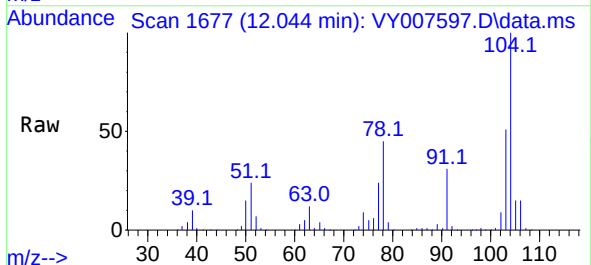
Manual Integrations
APPROVED

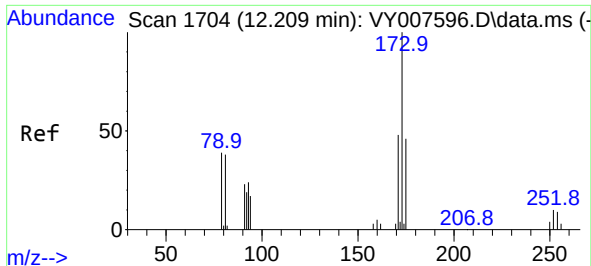
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#70
Styrene
Concen: 86.649 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

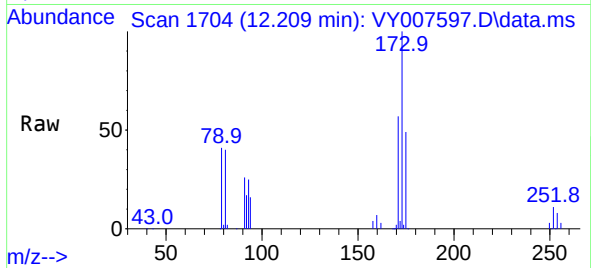
Tgt Ion:104 Resp: 194389
Ion Ratio Lower Upper
104 100
78 51.2 42.4 63.6
103 55.8 44.4 66.6





#71
Bromoform
Concen: 98.846 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

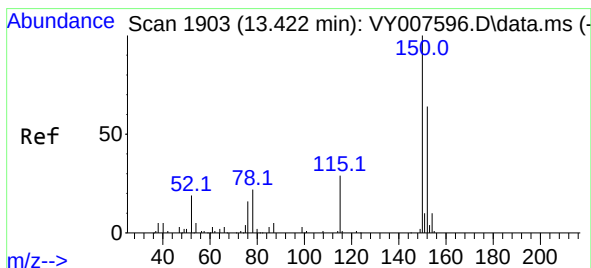
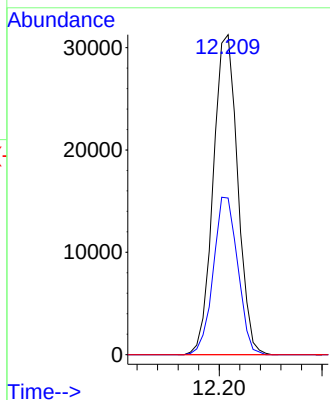
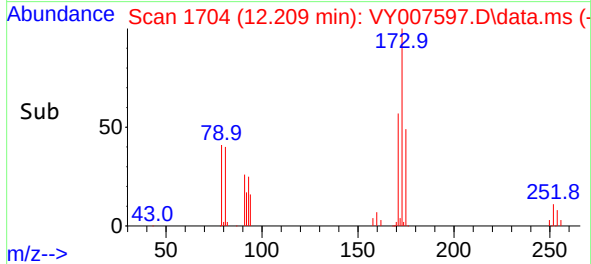
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



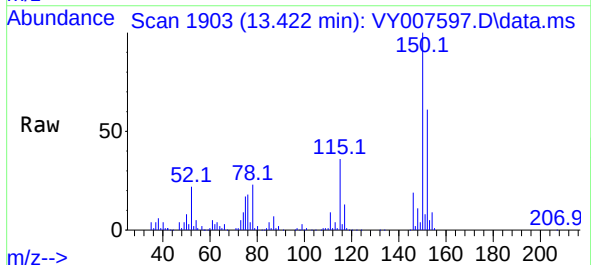
Tgt Ion:173 Resp: 51500
Ion Ratio Lower Upper
173 100
175 49.3 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

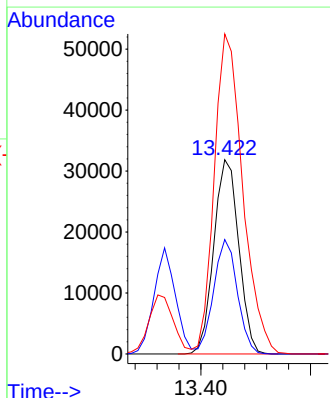
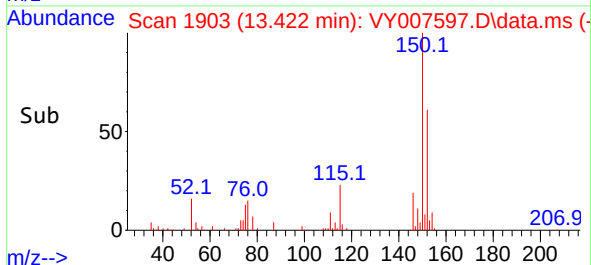
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

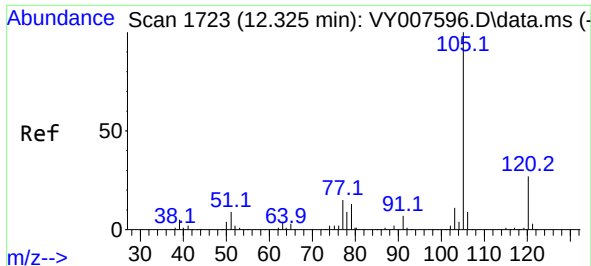


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



Tgt Ion:152 Resp: 50415
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 188.0 0.0 347.6





#73
Isopropylbenzene
Concen: 70.956 ug/l
RT: 12.324 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

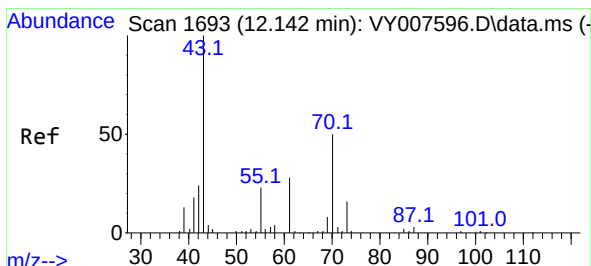
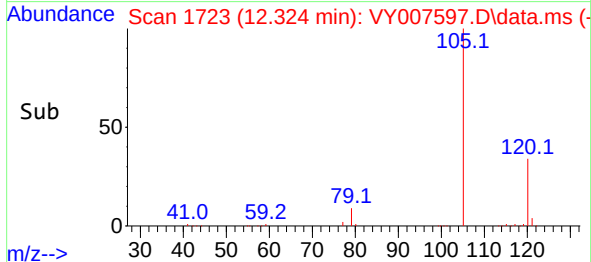
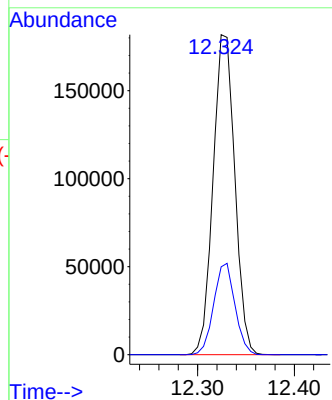
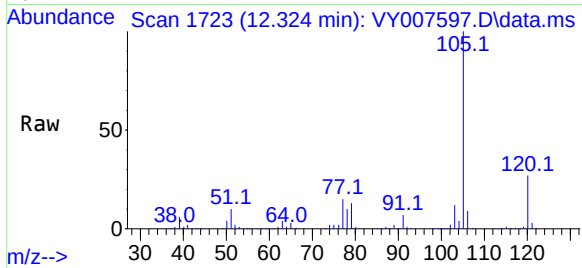
VSTDICC100

Tgt Ion:105 Resp: 283649
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.2

Manual Integrations

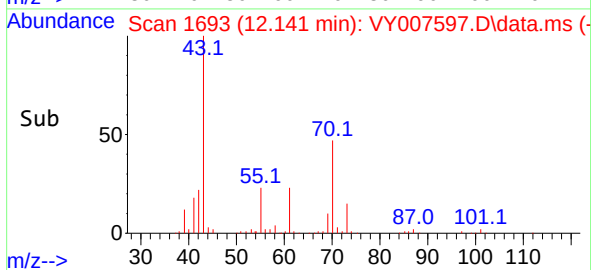
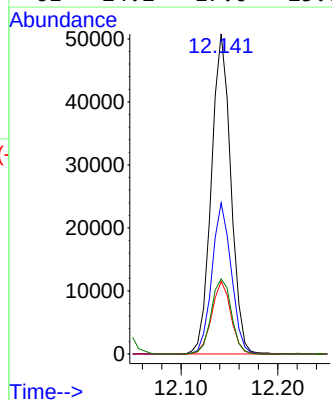
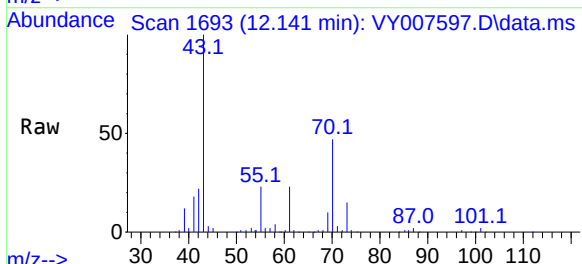
APPROVED

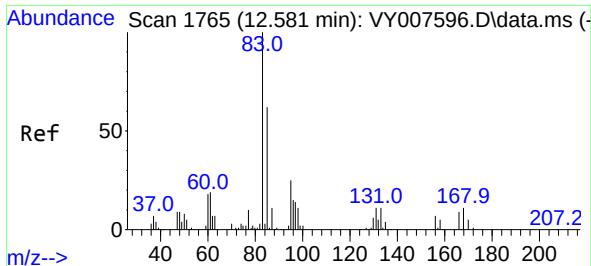
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#74
N-ethyl acetate
Concen: 94.253 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

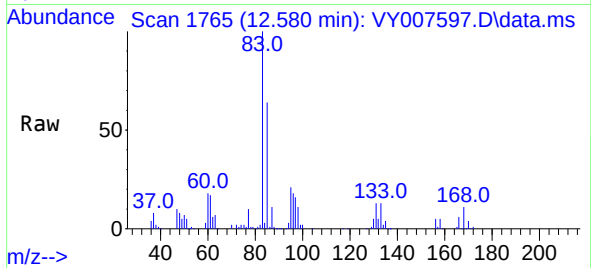
Tgt Ion: 43 Resp: 71145
Ion Ratio Lower Upper
43 100
70 46.7 28.7 43.1#
55 22.4 17.3 25.9
61 24.2 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 89.116 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

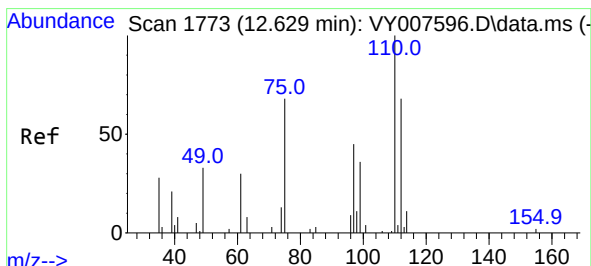
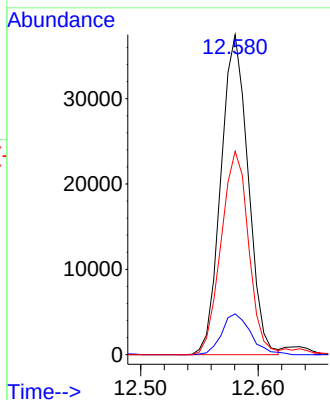
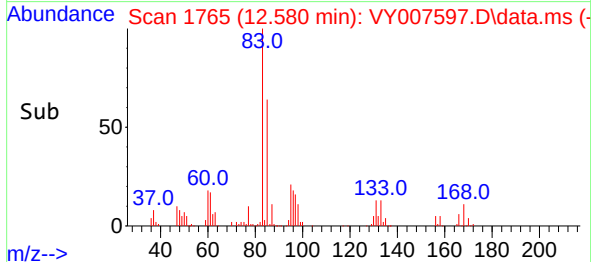
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



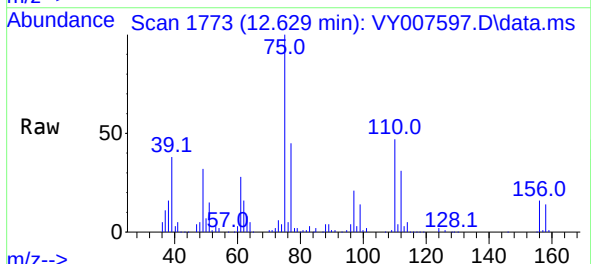
Tgt Ion: 83 Resp: 6034
Ion Ratio Lower Upper
83 100
131 13.6 5.6 16.8
85 64.2 32.3 96.8

Manual Integrations
APPROVED

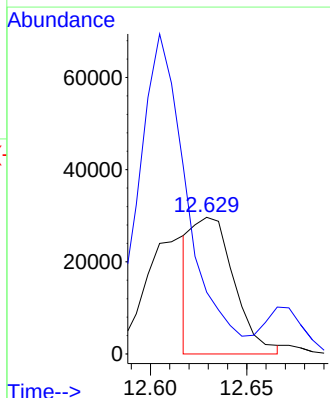
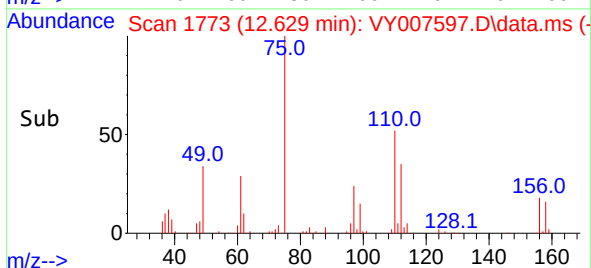
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

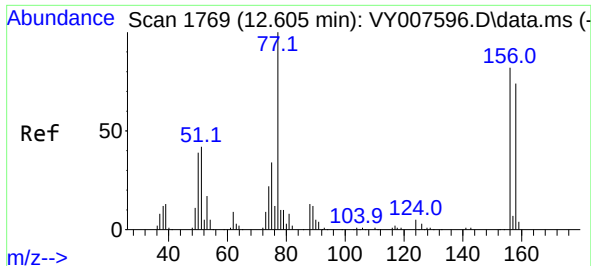


#76
1,2,3-Trichloropropane
Concen: 80.187 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



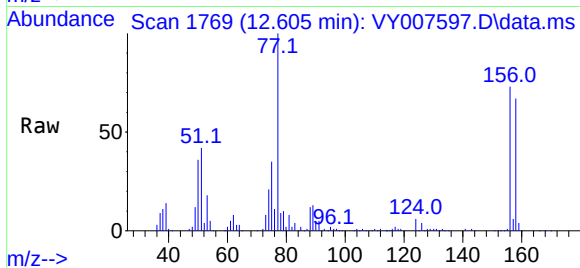
Tgt Ion: 75 Resp: 45219
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 82.965 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

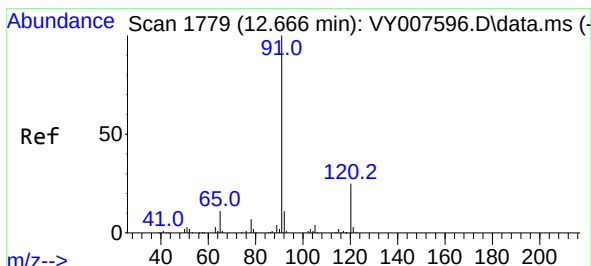
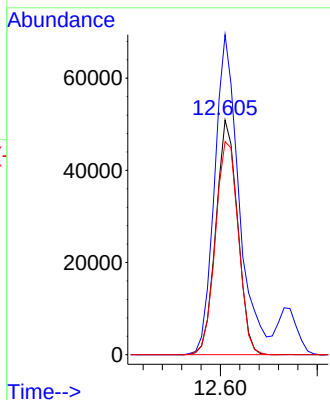
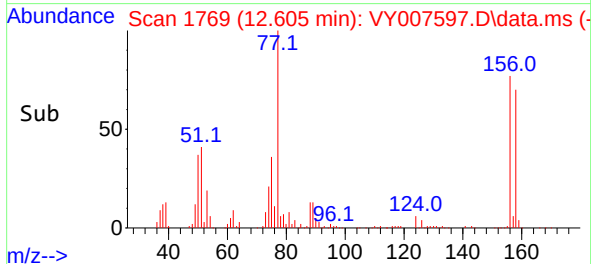
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



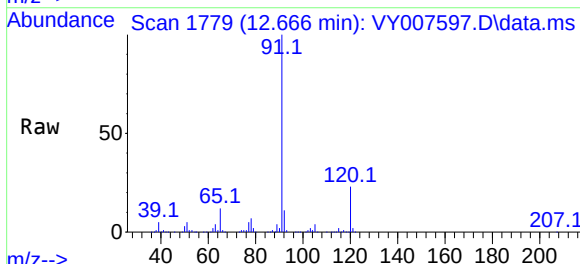
Tgt Ion:156 Resp: 7933
Ion Ratio Lower Upper
156 100
77 152.4 95.5 286.4
158 96.2 48.0 144.0

Manual Integrations
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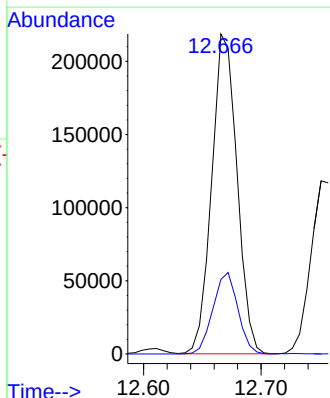
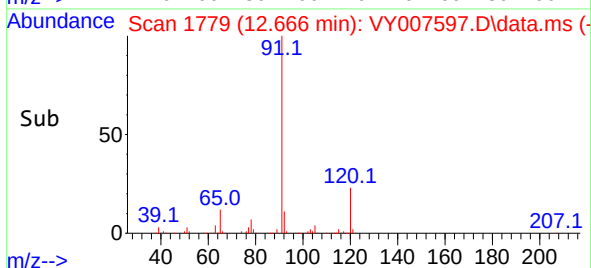
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

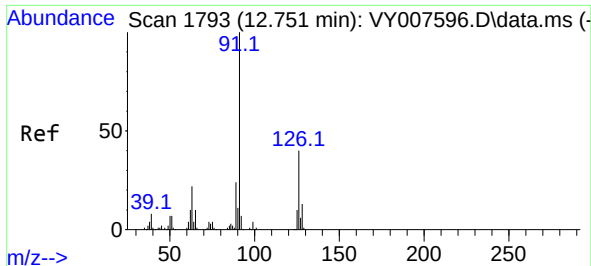


#78
n-propylbenzene
Concen: 70.277 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



Tgt Ion: 91 Resp: 327590
Ion Ratio Lower Upper
91 100
120 25.0 11.3 33.9





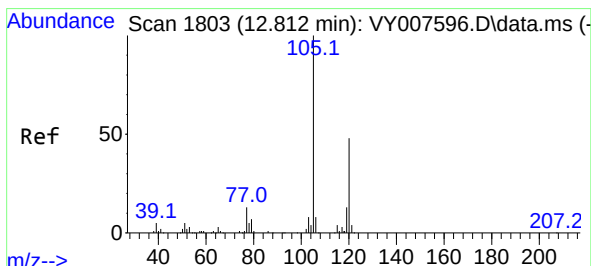
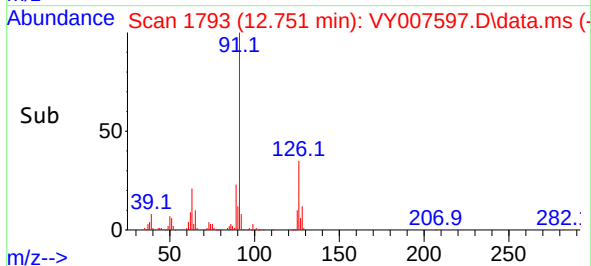
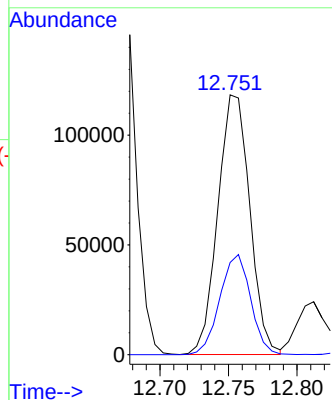
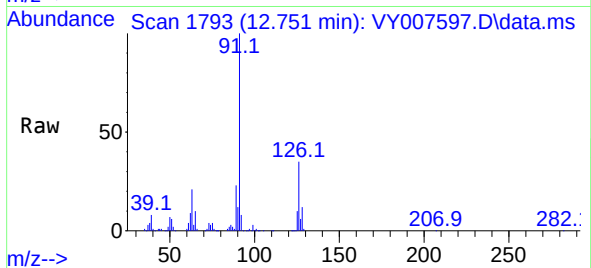
#79
2-Chlorotoluene
Concen: 74.214 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 19245
Ion Ratio Lower Upper
91 100
126 37.1 16.9 50.6

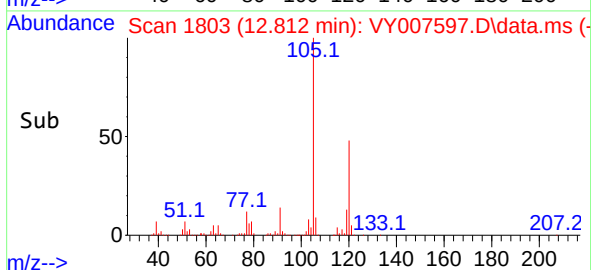
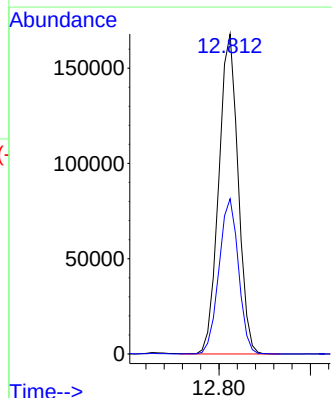
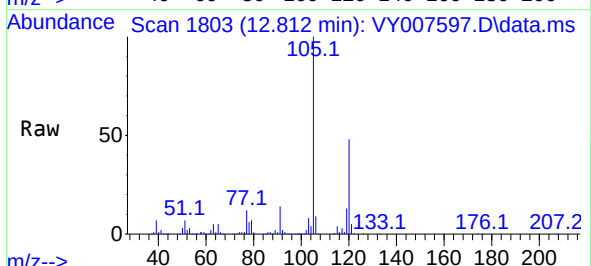
Manual Integrations
APPROVED

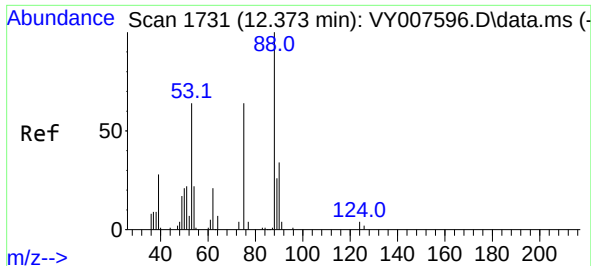
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 73.513 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Tgt Ion:105 Resp: 246833
Ion Ratio Lower Upper
105 100
120 48.9 24.4 73.4





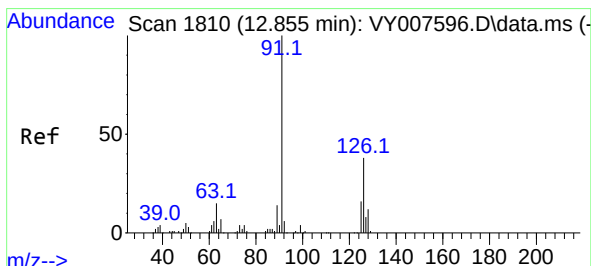
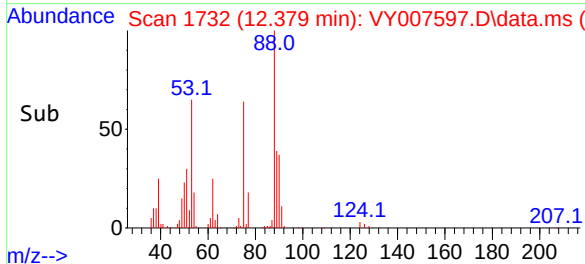
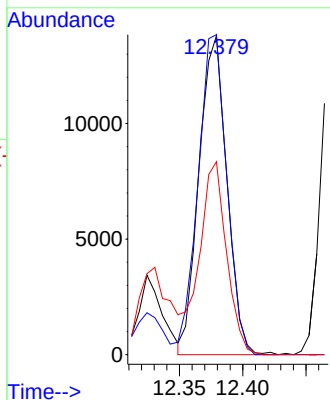
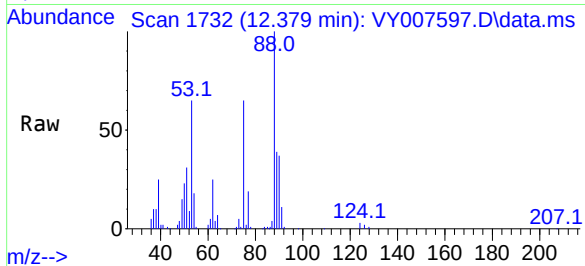
#81
trans-1,4-Dichloro-2-butene
Concen: 89.927 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 21170
Ion Ratio Lower Upper
75 100
53 103.8 85.3 127.9
89 59.8 37.0 55.4

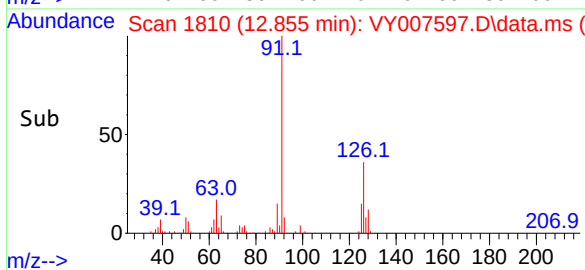
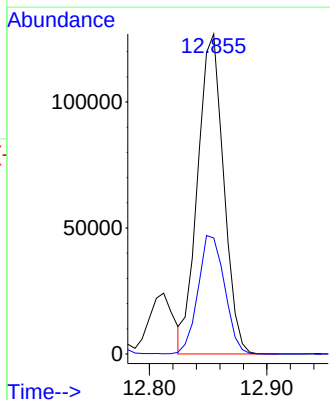
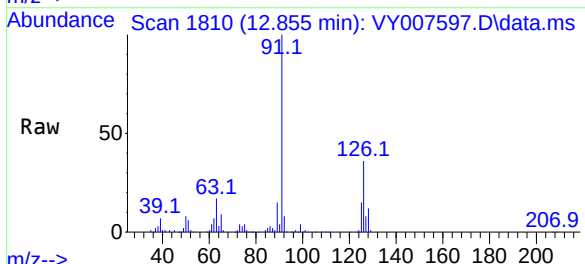
Manual Integrations
APPROVED

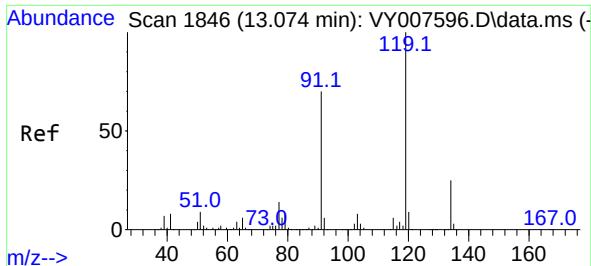
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#82
4-Chlorotoluene
Concen: 73.677 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

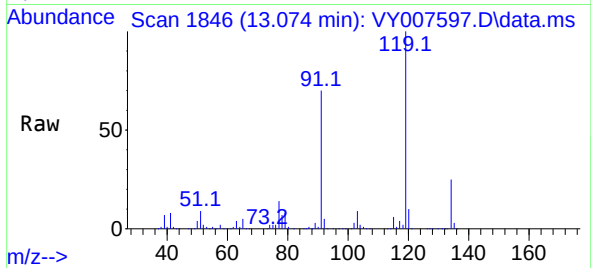
Tgt Ion: 91 Resp: 194939
Ion Ratio Lower Upper
91 100
126 37.9 17.0 51.0





#83
tert-Butylbenzene
Concen: 72.933 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

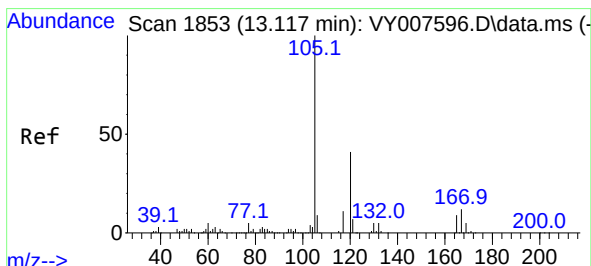
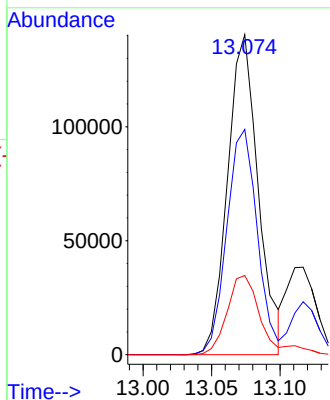
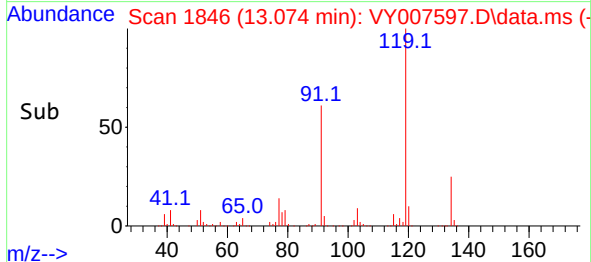
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



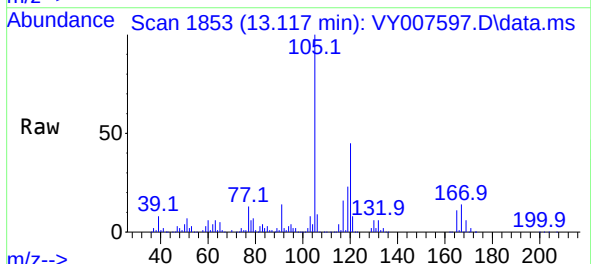
Tgt Ion:119 Resp: 21928
Ion Ratio Lower Upper
119 100
91 69.9 34.8 104.4
134 27.6 13.3 39.9

Manual Integrations
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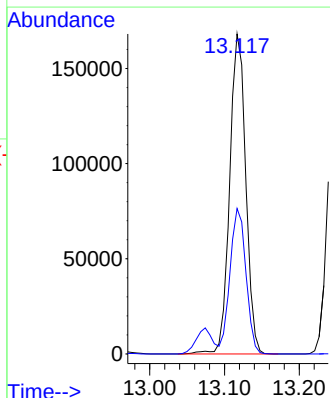
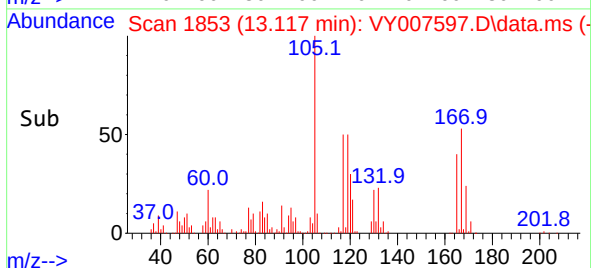
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

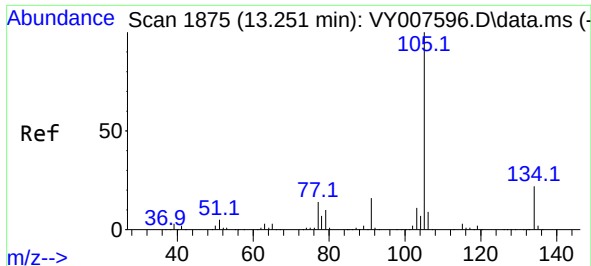


#84
1,2,4-Trimethylbenzene
Concen: 76.506 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



Tgt Ion:105 Resp: 251955
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 70.590 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY007597.D
 Acq: 23 Feb 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

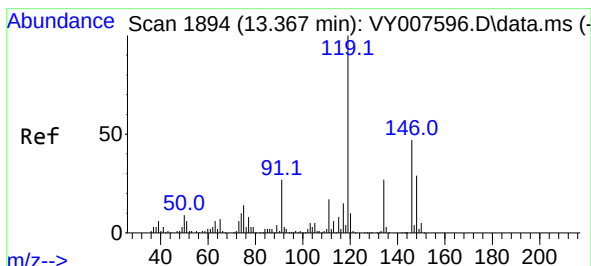
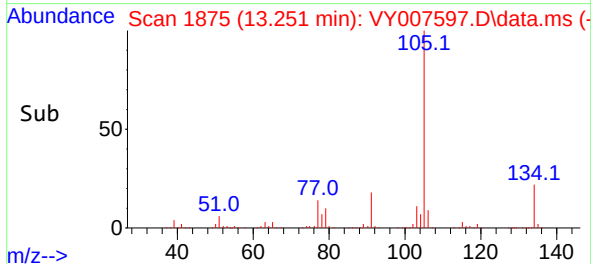
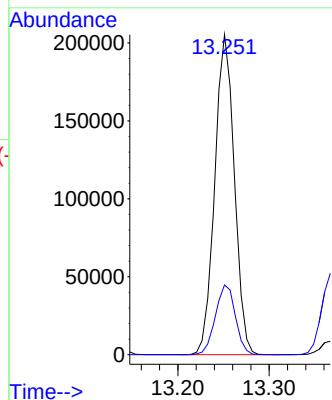
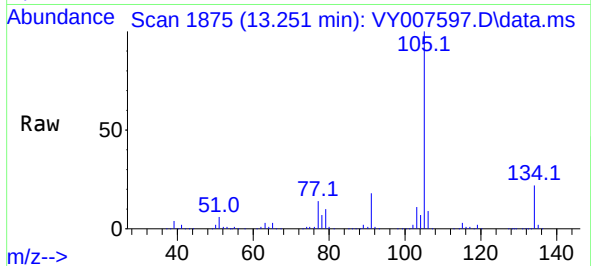
VSTDIC100

Tgt Ion:105 Resp: 30541
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.2 30.4

Manual Integrations

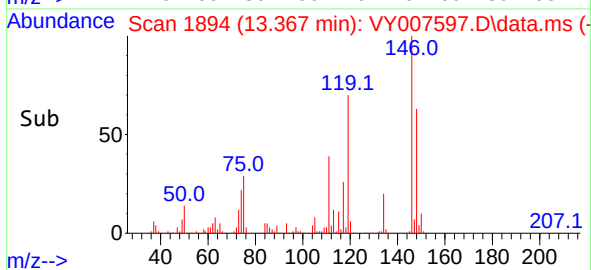
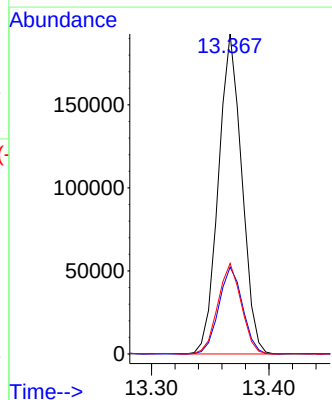
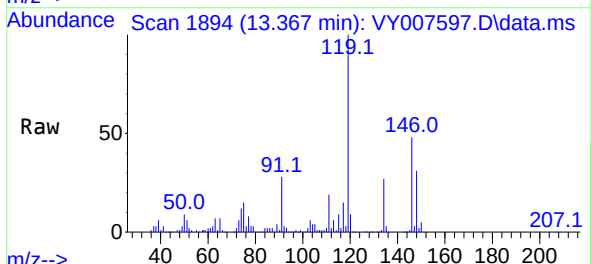
APPROVED

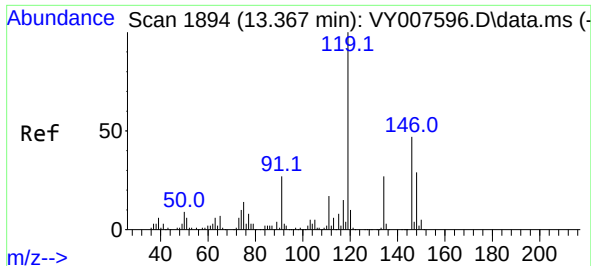
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#86
 p-Isopropyltoluene
 Concen: 72.353 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY007597.D
 Acq: 23 Feb 2022 14:06

Tgt Ion:119 Resp: 266637
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.2 39.5
 91 28.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 80.405 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007597.D

Acq: 23 Feb 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 14640

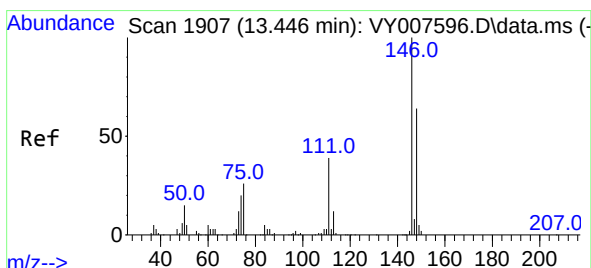
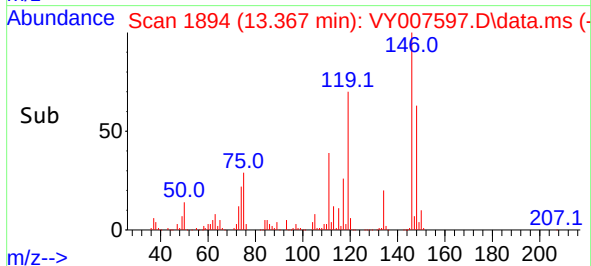
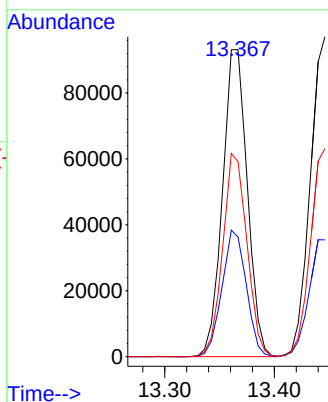
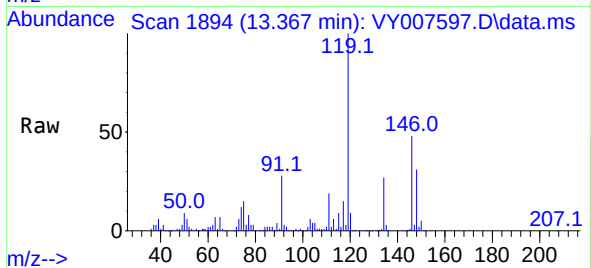
Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.5	58.5
148	64.7	31.6	95.0

Manual Integrations

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Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#88

1,4-Dichlorobenzene

Concen: 82.241 ug/l

RT: 13.446 min Scan# 1907

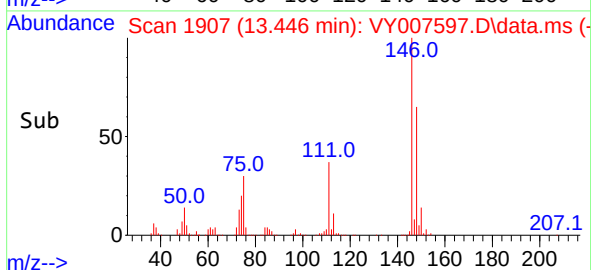
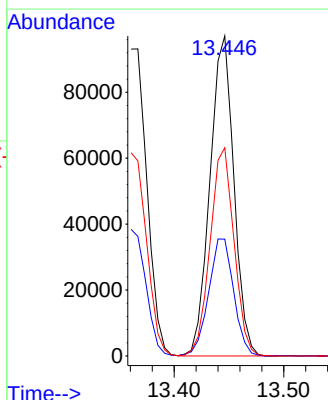
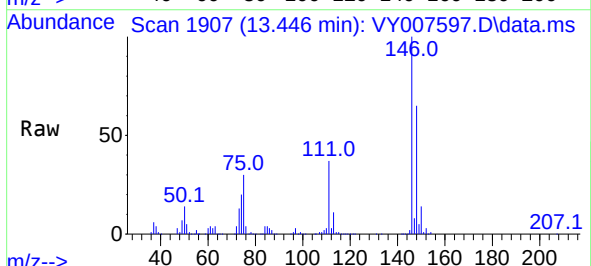
Delta R.T. -0.000 min

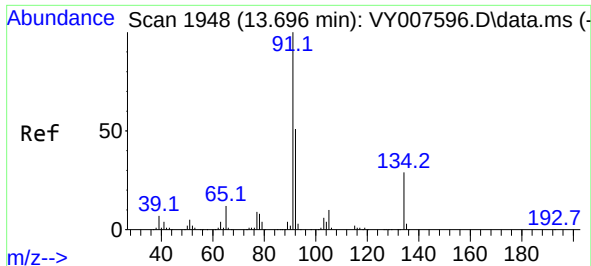
Lab File: VY007597.D

Acq: 23 Feb 2022 14:06

Tgt Ion:146 Resp: 147254

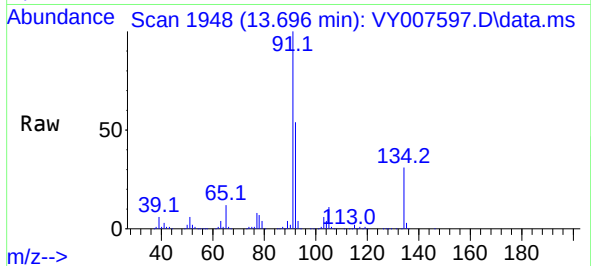
Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	65.1	32.6	97.8





#89
n-Butylbenzene
Concen: 72.008 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

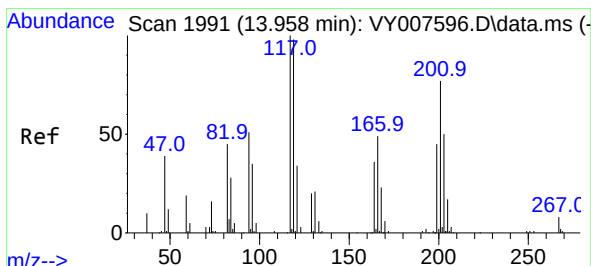
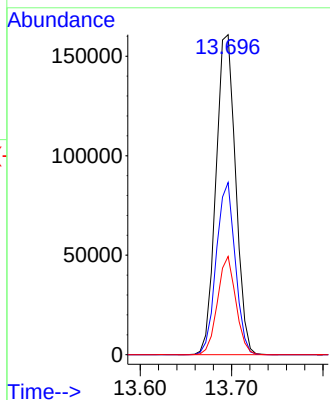
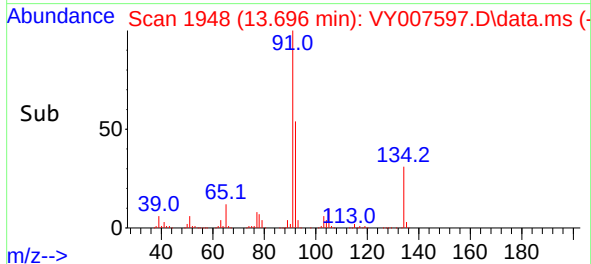
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



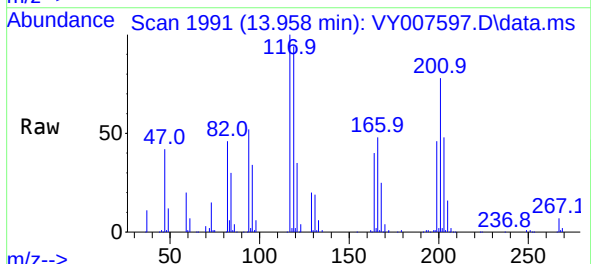
Tgt Ion: 91 Resp: 240864
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.9
134 28.7 13.0 38.9

Manual Integrations
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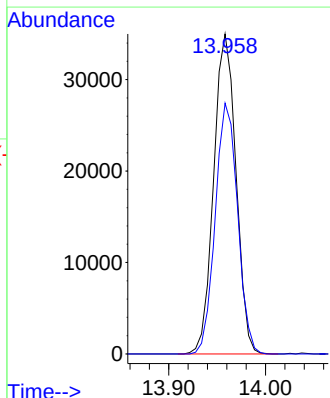
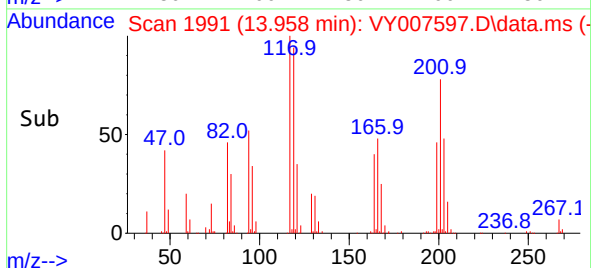
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

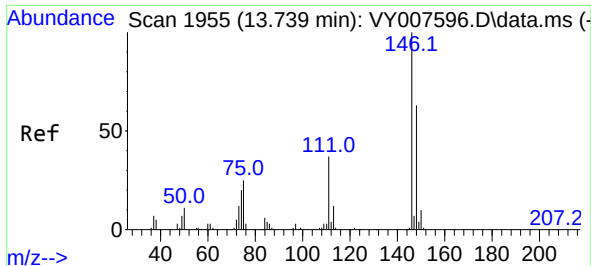


#90
Hexachloroethane
Concen: 76.383 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



Tgt Ion:117 Resp: 55985
Ion Ratio Lower Upper
117 100
201 78.5 43.0 128.8





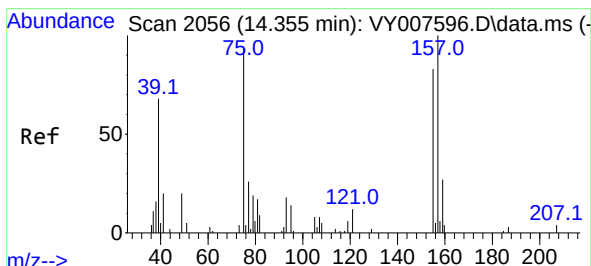
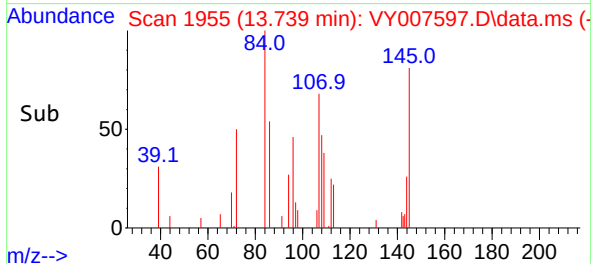
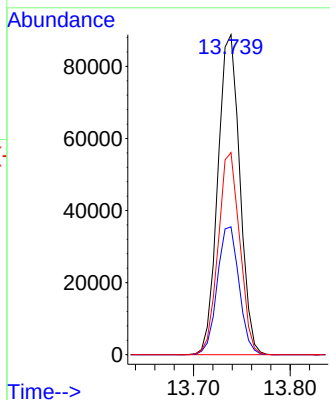
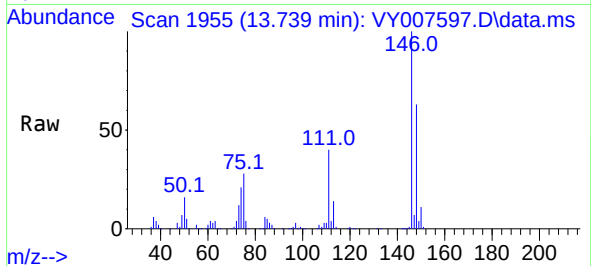
#91
1,2-Dichlorobenzene
Concen: 86.177 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 139754
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.9
148 62.4 32.3 96.9

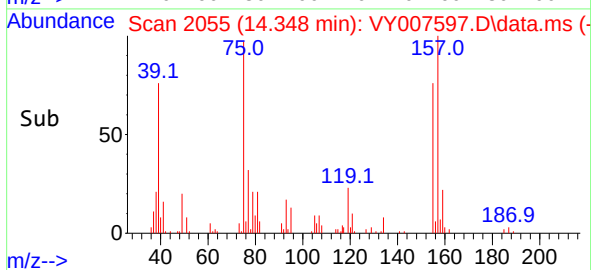
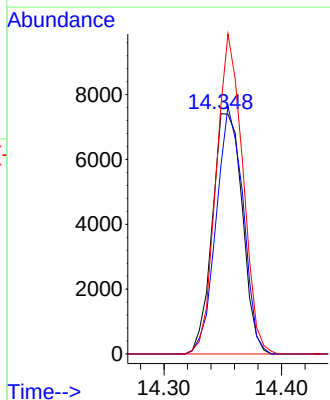
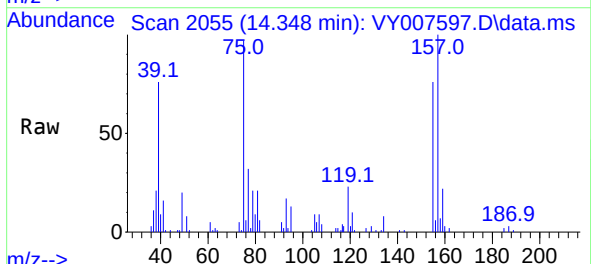
Manual Integrations
APPROVED

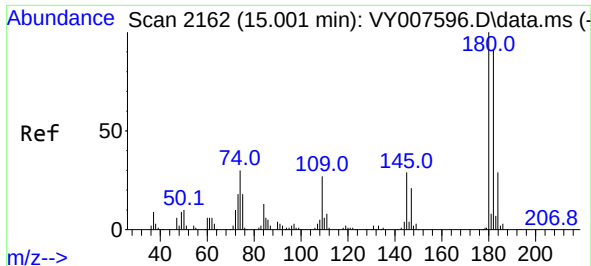
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 99.215 ug/l
RT: 14.348 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

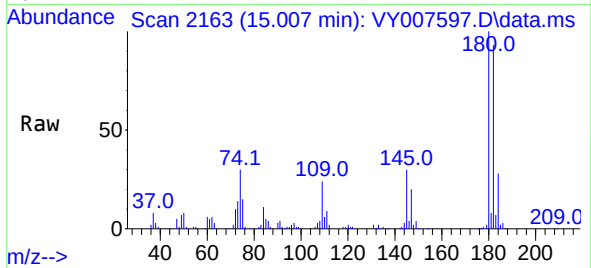
Tgt Ion: 75 Resp: 13144
Ion Ratio Lower Upper
75 100
155 92.5 38.0 113.9
157 118.2 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 87.492 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

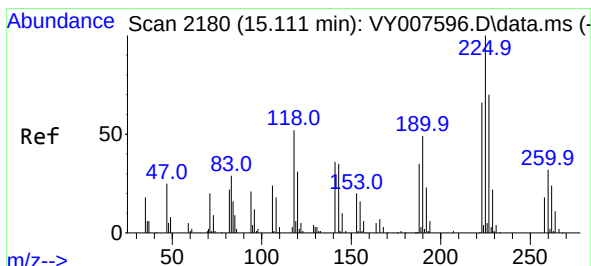
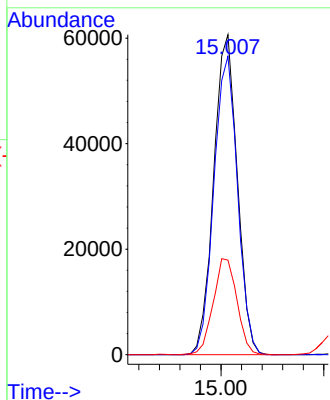
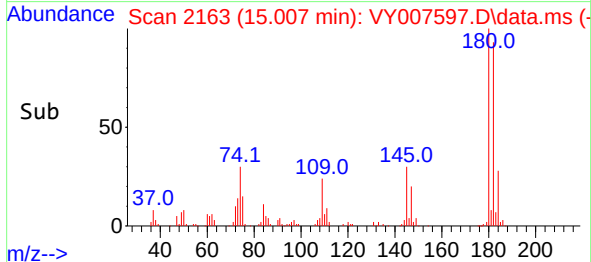
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



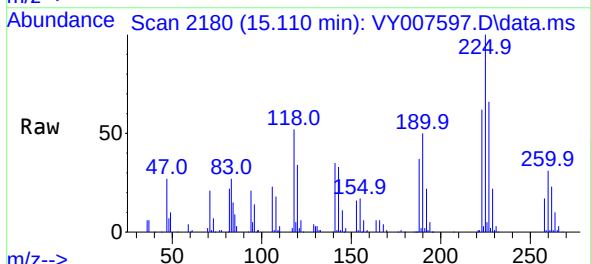
Tgt Ion:180 Resp: 96582
Ion Ratio Lower Upper
180 100
182 93.4 47.3 141.9
145 30.3 14.6 43.8

Manual Integrations
APPROVED

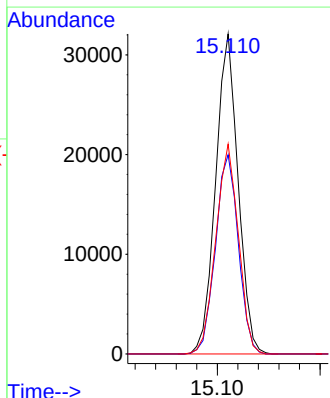
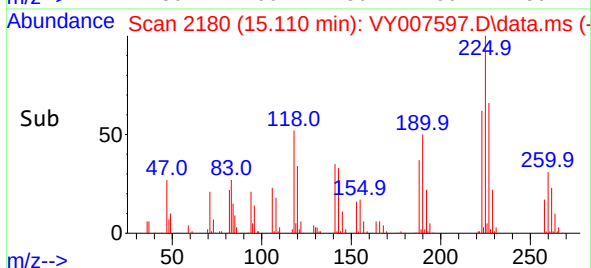
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

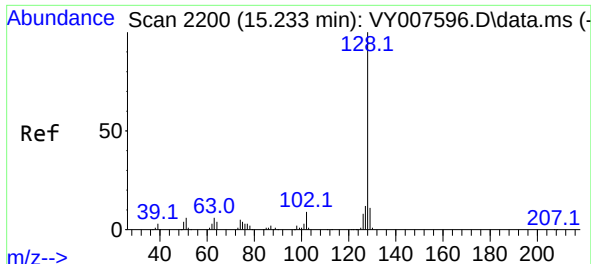


#94
Hexachlorobutadiene
Concen: 73.865 ug/l
RT: 15.110 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



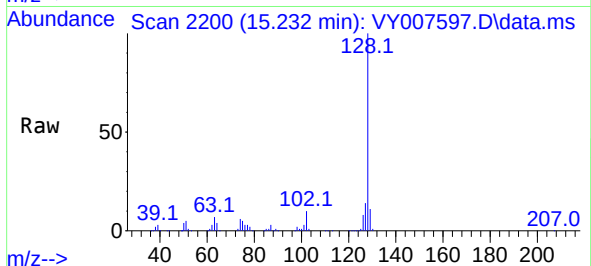
Tgt Ion:225 Resp: 48569
Ion Ratio Lower Upper
225 100
223 63.4 30.8 92.3
227 66.0 31.6 94.7





#95
Naphthalene
Concen: 98.770 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06

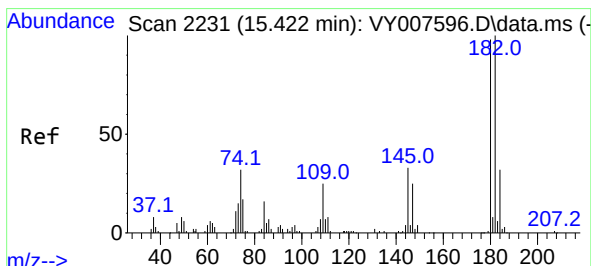
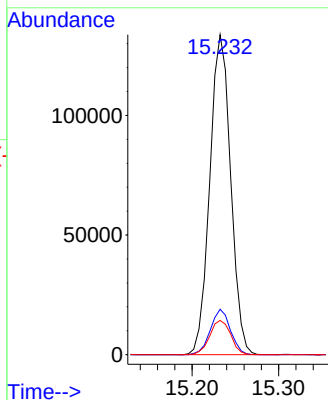
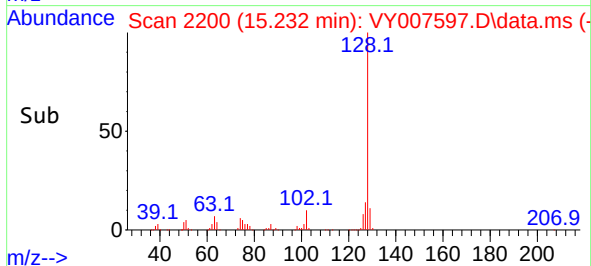
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



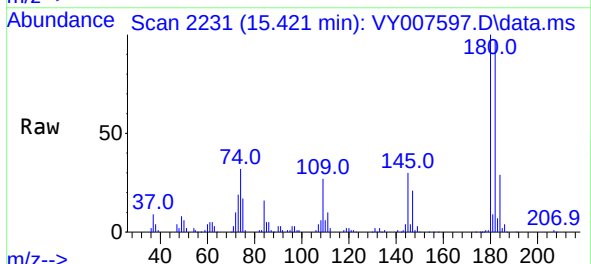
Tgt Ion:128 Resp: 224036
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 10.8 8.4 12.6

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#96
1,2,3-Trichlorobenzene
Concen: 90.903 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY007597.D
Acq: 23 Feb 2022 14:06



Tgt Ion:180 Resp: 86634
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 32.8 15.3 45.9

