

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
 Data File : VY007760.D
 Acq On : 07 Mar 2022 14:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/08/2022
 Supervised By : Mahesh Dadoda 03/08/2022

Quant Time: Mar 08 03:02:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	326167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	516827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	460171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	235558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	166575	48.782	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.560%		
35) Dibromofluoromethane	7.715	113	162088	49.055	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.100%		
50) Toluene-d8	10.178	98	586134	48.190	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.380%		
62) 4-Bromofluorobenzene	12.483	95	191717	48.899	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	98402	45.717	ug/l	98
3) Chloromethane	2.113	50	157933	46.737	ug/l	97
4) Vinyl Chloride	2.253	62	216538	44.253	ug/l	98
5) Bromomethane	2.649	94	182442	46.132	ug/l	99
6) Chloroethane	2.796	64	160620	42.803	ug/l	99
7) Trichlorofluoromethane	3.125	101	250103	44.736	ug/l	96
8) Diethyl Ether	3.527	74	84083	46.740	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	158185	46.351	ug/l	95
10) Methyl Iodide	4.088	142	172549	41.556	ug/l	93
11) Tert butyl alcohol	4.960	59	76296	258.073	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	137200	45.298	ug/l	90
13) Acrolein	3.728	56	59076	232.560	ug/l	97
14) Allyl chloride	4.478	41	217304	47.699	ug/l #	89
15) Acrylonitrile	5.155	53	240851	253.642	ug/l	98
16) Acetone	3.942	43	206014	296.577	ug/l	93
17) Carbon Disulfide	4.192	76	341239	46.325	ug/l	99
18) Methyl Acetate	4.478	43	101176	49.752	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	464908	49.456	ug/l	98
20) Methylene Chloride	4.716	84	208264	63.630	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	160786	45.495	ug/l	90
22) Diisopropyl ether	6.118	45	546600	50.224	ug/l	96
23) Vinyl Acetate	6.057	43	1860685	270.349	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	315519	47.981	ug/l	98
25) 2-Butanone	6.984	43	331791	284.732	ug/l #	87
26) 2,2-Dichloropropane	6.984	77	289848	49.529	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	195199	47.102	ug/l	91
28) Bromochloromethane	7.331	49	139297	49.810	ug/l #	91
29) Tetrahydrofuran	7.344	42	208409	261.386	ug/l #	88
30) Chloroform	7.508	83	330138	48.459	ug/l	99
31) Cyclohexane	7.782	56	264426	50.284	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	296638	48.925	ug/l	98
36) 1,1-Dichloropropene	7.917	75	239643	46.104	ug/l	98
37) Ethyl Acetate	7.069	43	144618	50.373	ug/l	96
38) Carbon Tetrachloride	7.898	117	264614	47.724	ug/l	99
39) Methylcyclohexane	9.179	83	293717	45.979	ug/l	92
40) Benzene	8.160	78	682666	47.191	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	74453m	54.269	ug/l	
42) 1,2-Dichloroethane	8.240	62	218536	48.415	ug/l	96
43) Isopropyl Acetate	8.270	43	276987	52.171	ug/l #	94
44) Trichloroethene	8.941	130	182309	45.378	ug/l	95
45) 1,2-Dichloropropane	9.215	63	181271	48.457	ug/l	96
46) Dibromomethane	9.307	93	109398	48.718	ug/l	96
47) Bromodichloromethane	9.496	83	260892	49.535	ug/l	98
48) Methyl methacrylate	9.294	41	117599	51.101	ug/l #	84
49) 1,4-Dioxane	9.294	88	29216	1077.703	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	758705	267.075	ug/l	92
52) Toluene	10.245	92	442742	47.335	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	270717	50.064	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	298007	49.882	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	152567	49.942	ug/l	98
56) Ethyl methacrylate	10.508	69	211595	52.171	ug/l	86
57) 1,3-Dichloropropane	10.788	76	256583	49.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	581422	262.864	ug/l	99
59) 2-Hexanone	10.831	43	542909	283.791	ug/l	91
60) Dibromochloromethane	10.983	129	186688	51.322	ug/l	99
61) 1,2-Dibromoethane	11.087	107	142740	49.021	ug/l	99
64) Tetrachloroethene	10.721	164	155555	45.604	ug/l	98
65) Chlorobenzene	11.514	112	481669	48.044	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	185854	49.573	ug/l	98
67) Ethyl Benzene	11.593	91	885475	48.976	ug/l	100
68) m/p-Xylenes	11.703	106	681241	98.202	ug/l	94
69) o-Xylene	12.032	106	326197	49.621	ug/l	92
70) Styrene	12.044	104	552422	50.187	ug/l	96
71) Bromoform	12.209	173	117973	50.537	ug/l #	99
73) Isopropylbenzene	12.330	105	885656	48.261	ug/l	100
74) N-amyl acetate	12.141	43	258029	52.820	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.580	83	192251	49.950	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	140761m	53.509	ug/l	
77) Bromobenzene	12.605	156	198220	46.894	ug/l	97
78) n-propylbenzene	12.672	91	1068086	48.233	ug/l	100
79) 2-Chlorotoluene	12.757	91	574276	48.464	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	716525	48.830	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	64432	50.073	ug/l	92
82) 4-Chlorotoluene	12.855	91	600324	49.254	ug/l	98
83) tert-Butylbenzene	13.074	119	649016	48.085	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	711516	49.227	ug/l	98
85) sec-Butylbenzene	13.251	105	981529	49.159	ug/l	100
86) p-Isopropyltoluene	13.367	119	818009	49.604	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	403260	47.942	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	397282	47.856	ug/l	99
89) n-Butylbenzene	13.696	91	779685	50.025	ug/l	99
90) Hexachloroethane	13.958	117	155365	49.703	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	363457	48.663	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.354	75	28656	49.162	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	227655	48.146	ug/l	99
94) Hexachlorobutadiene	15.110	225	129073	46.170	ug/l	99
95) Naphthalene	15.238	128	473558	49.230	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	198043	46.994	ug/l	100

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

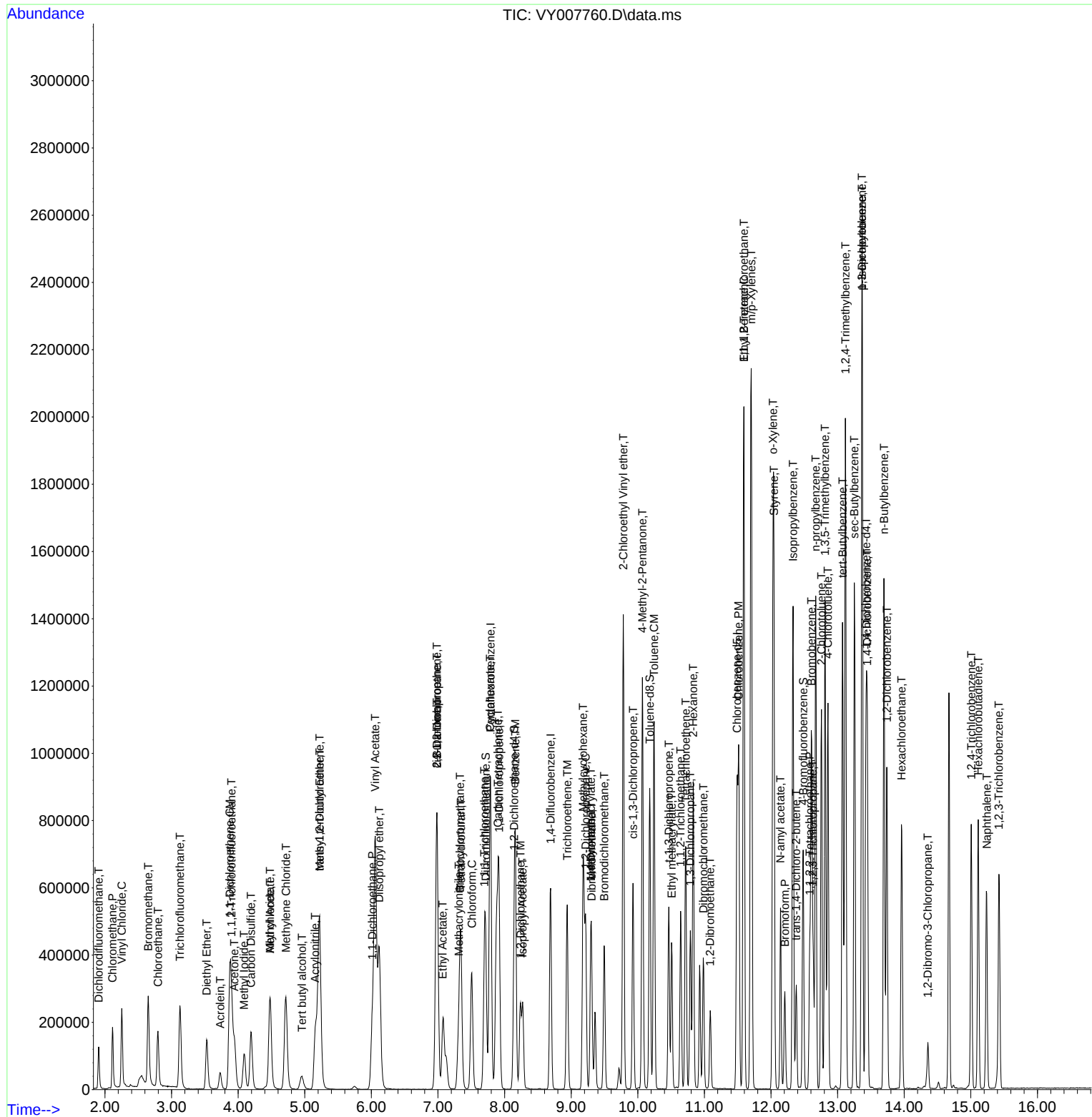
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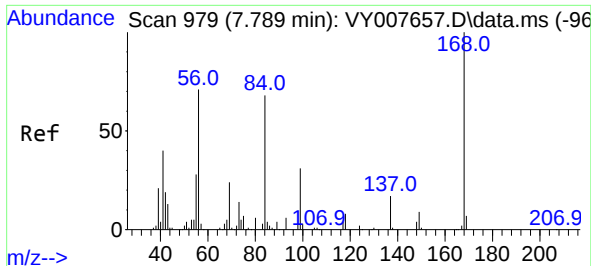
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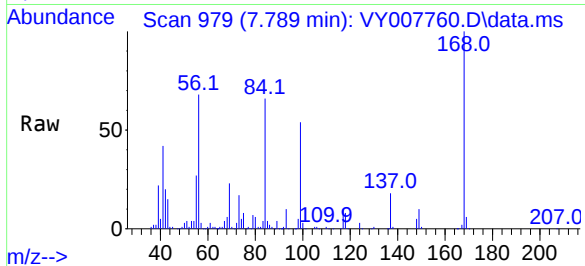
Reviewed By : John Carlone 03/08/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007760.D
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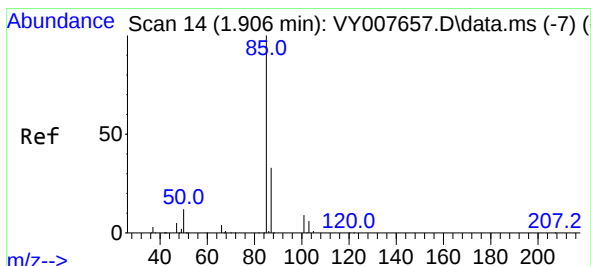
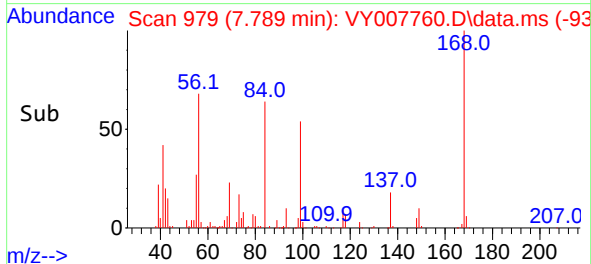
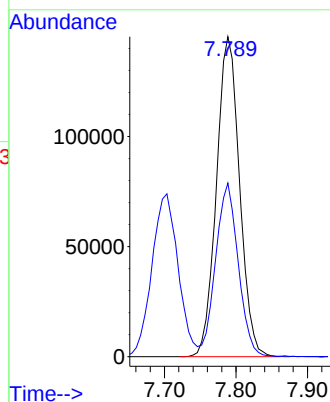
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 32616
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3

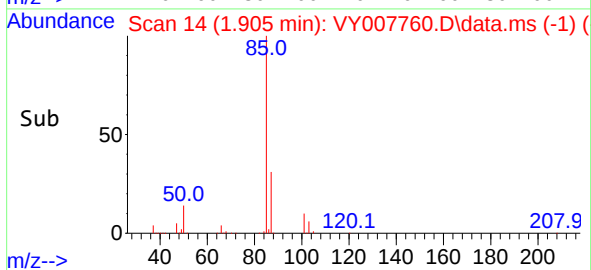
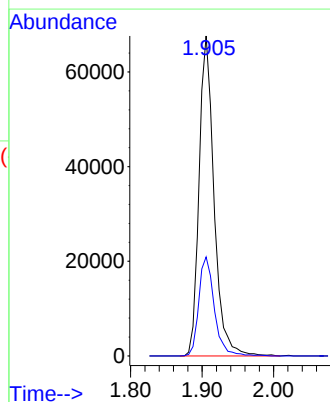
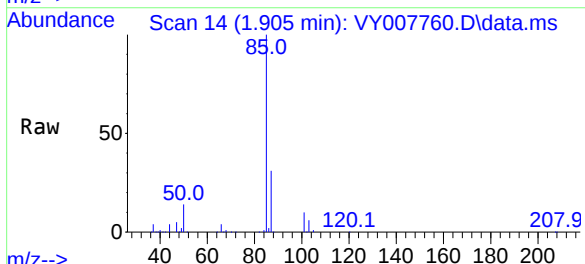
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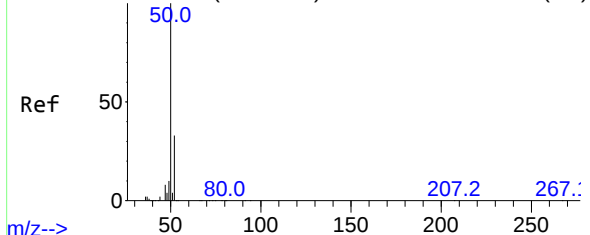


#2
Dichlorodifluoromethane
Concen: 45.717 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

Tgt Ion: 85 Resp: 98402
Ion Ratio Lower Upper
85 100
87 31.0 16.1 48.2

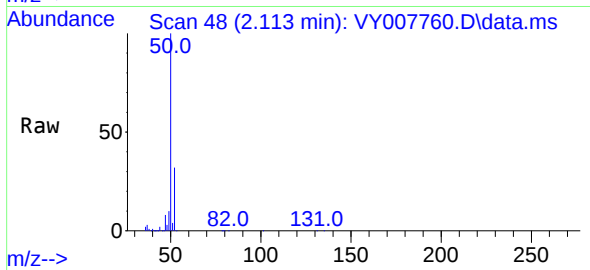


Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3
Chloromethane
Concen: 46.737 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

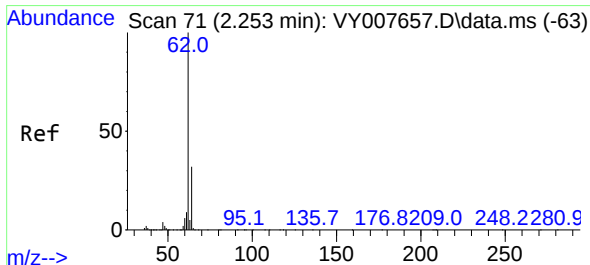
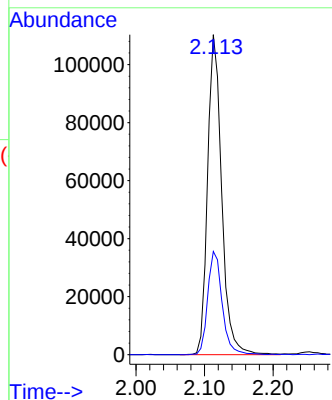
Instrument :
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Tgt Ion: 50 Resp: 157938
Ion Ratio Lower Upper
50 100
52 32.2 24.6 37.0

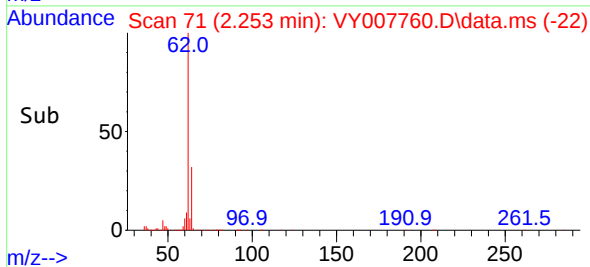
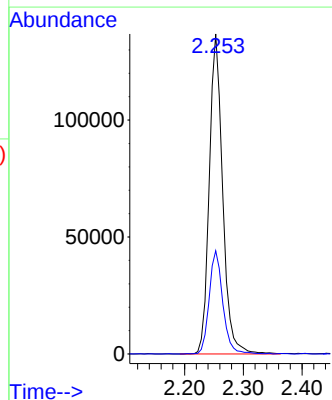
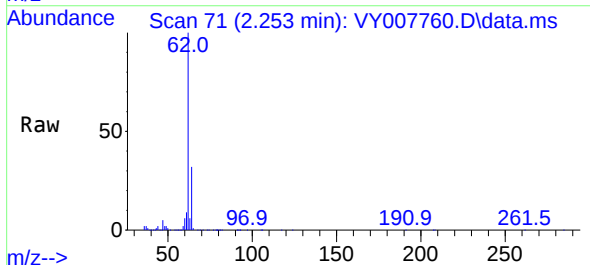
Manual Integrations
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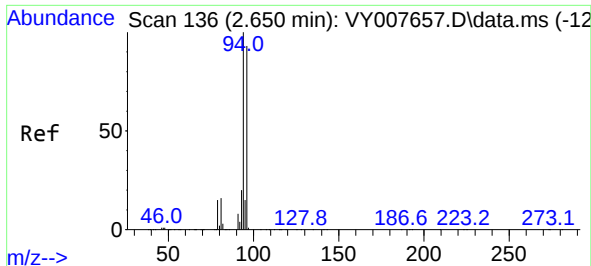
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022



#4
Vinyl Chloride
Concen: 44.253 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

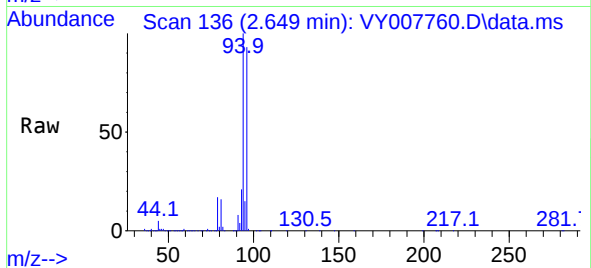
Tgt Ion: 62 Resp: 216538
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.6





#5
Bromomethane
Concen: 46.132 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

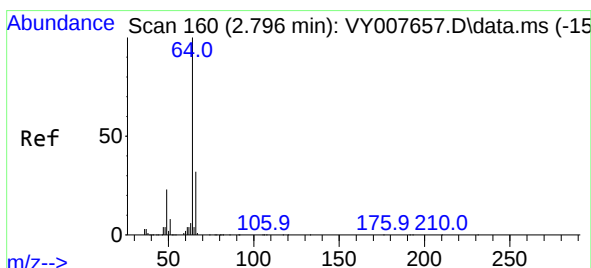
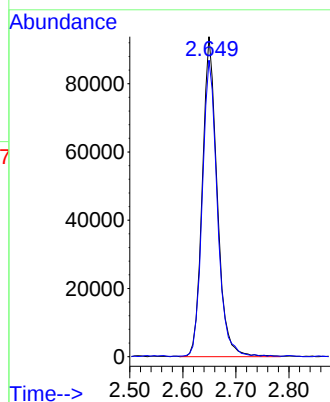
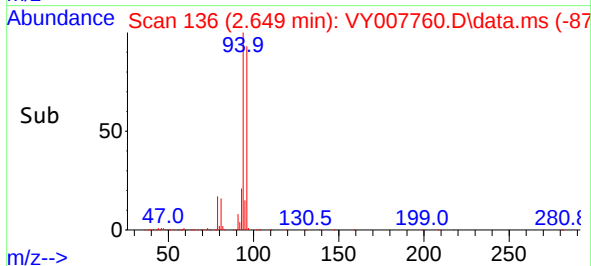
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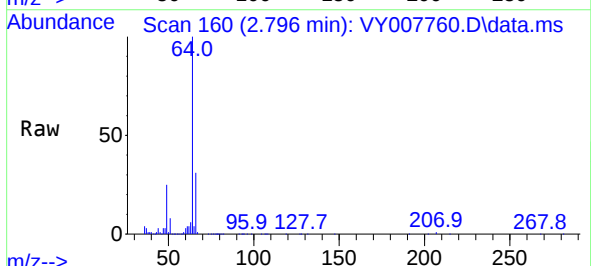
Tgt Ion: 94 Resp: 18244
Ion Ratio Lower Upper
94 100
96 92.5 73.5 110.3

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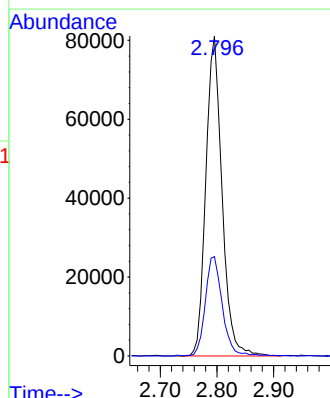
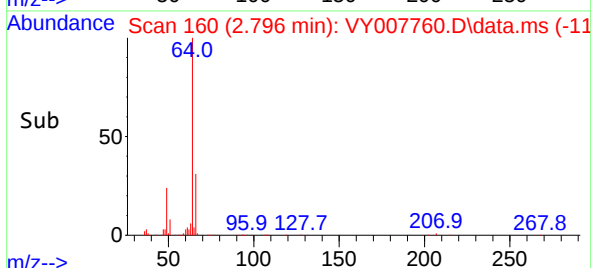
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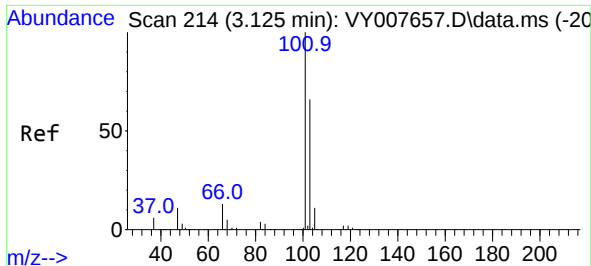


#6
Chloroethane
Concen: 42.803 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



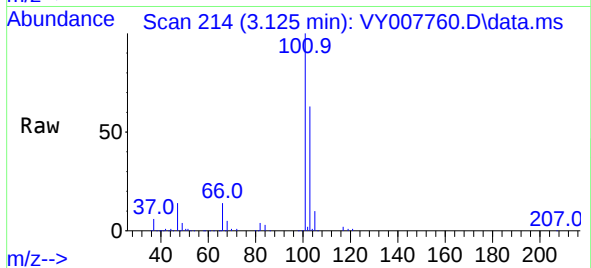
Tgt Ion: 64 Resp: 160620
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.0





#7
Trichlorofluoromethane
Concen: 44.736 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

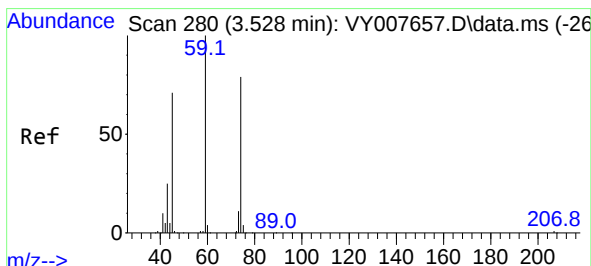
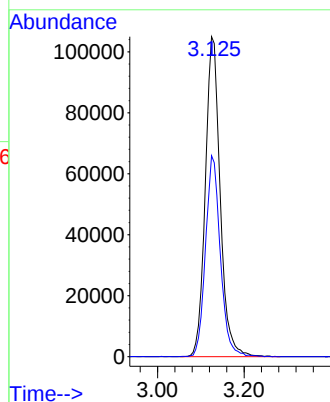
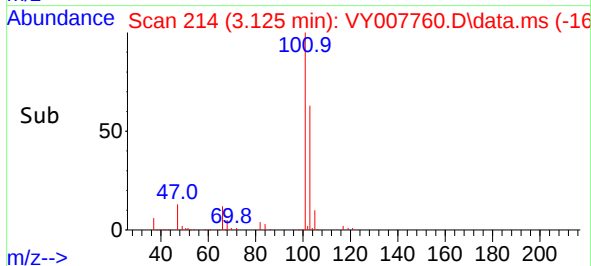
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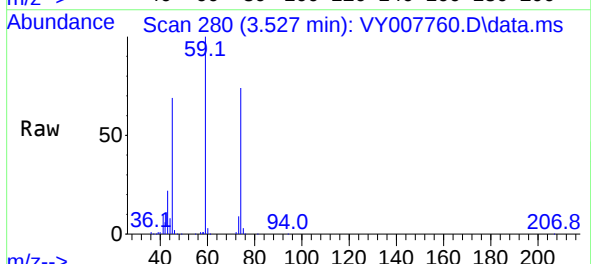
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Ion Ratio Lower Upper
101 100
103 62.8 48.0 72.0

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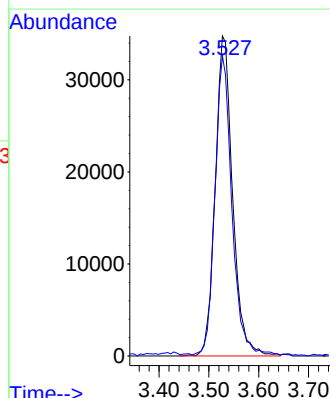
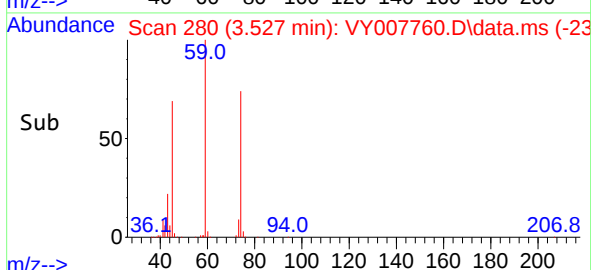
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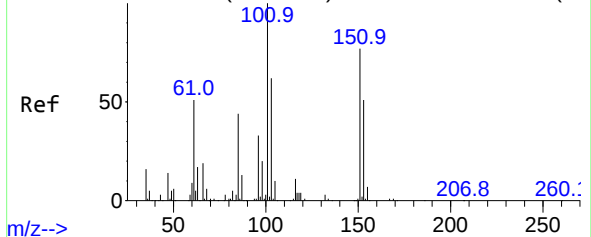
#8
Diethyl Ether
Concen: 46.740 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



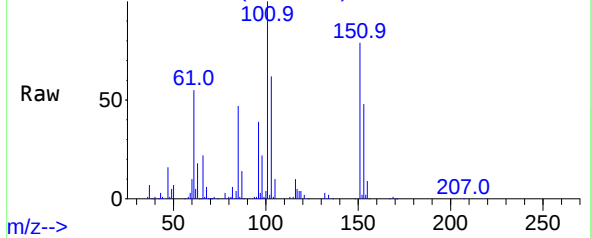
Tgt Ion: 74 Resp: 84083
Ion Ratio Lower Upper
74 100
45 91.2 55.1 165.5



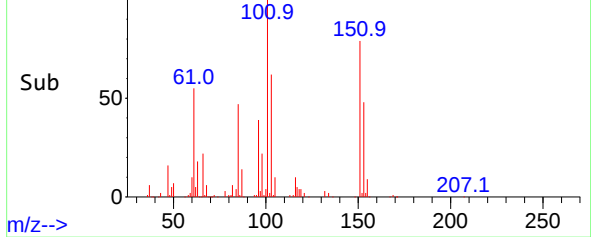
Abundance Scan 341 (3.900 min): VY007657.D\data.ms (-32



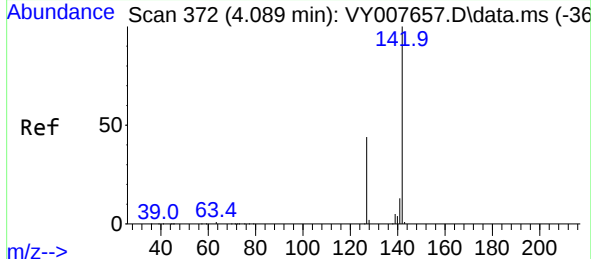
m/z--> Abundance Scan 341 (3.899 min): VY007760.D\data.ms



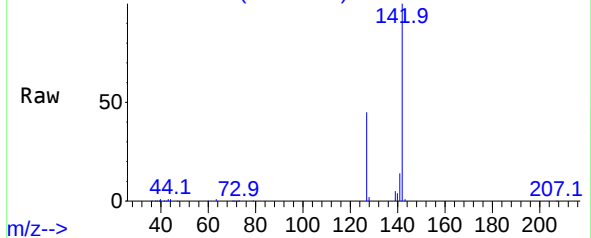
m/z--> Abundance Scan 341 (3.899 min): VY007760.D\data.ms (-29



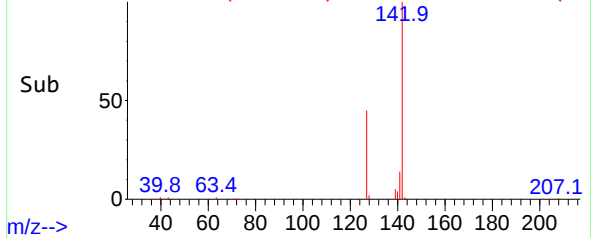
m/z--> Abundance Scan 372 (4.089 min): VY007657.D\data.ms (-36



m/z--> Abundance Scan 372 (4.088 min): VY007760.D\data.ms



m/z--> Abundance Scan 372 (4.088 min): VY007760.D\data.ms (-32



m/z--> Abundance

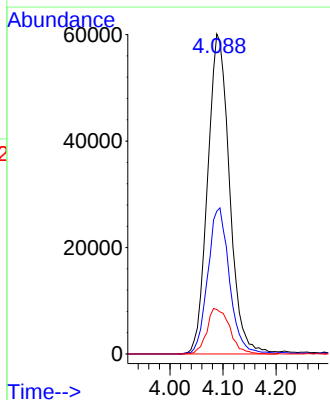
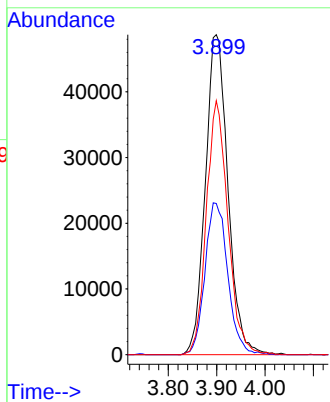
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.351 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

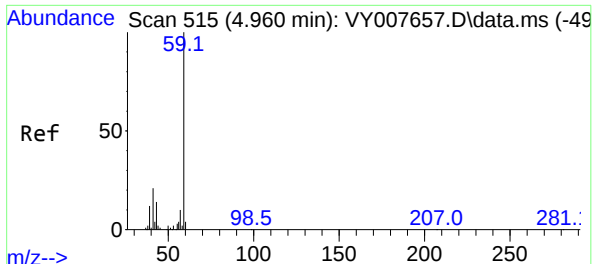
Tgt Ion:101 Resp: 15818
Ion Ratio Lower Upper
101 100
85 48.0 40.6 60.8
151 75.8 64.9 97.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

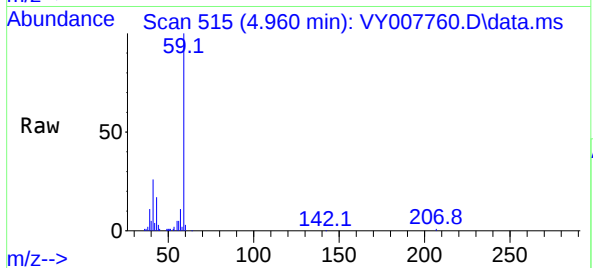
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022





#11
Tert butyl alcohol
Concen: 258.073 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

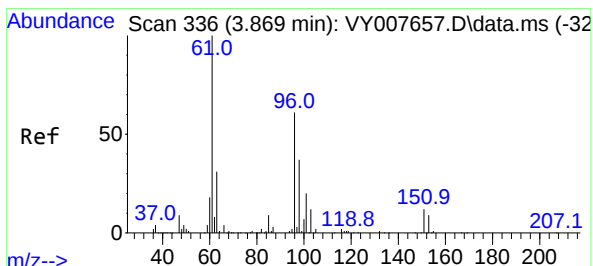
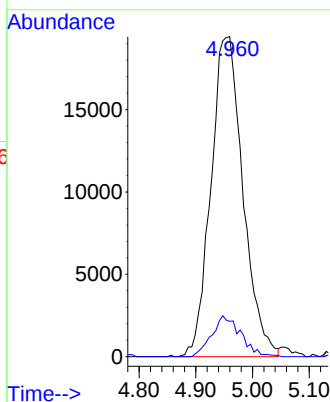
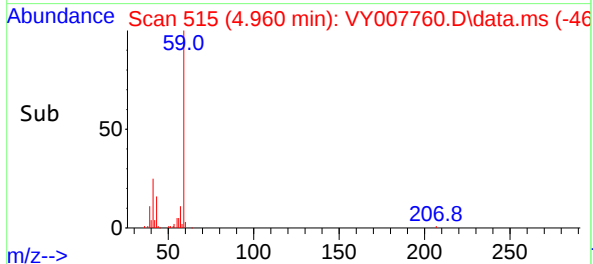
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



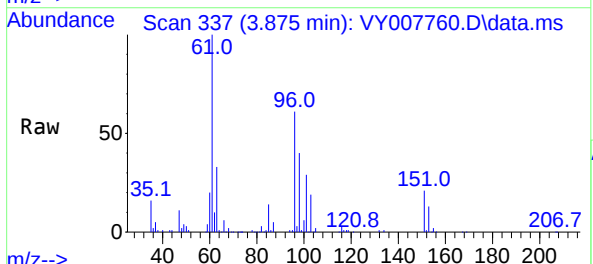
Tgt Ion: 59 Resp: 76290
Ion Ratio Lower Upper
59 100
57 11.6 6.4 9.6

Manual Integrations
APPROVED

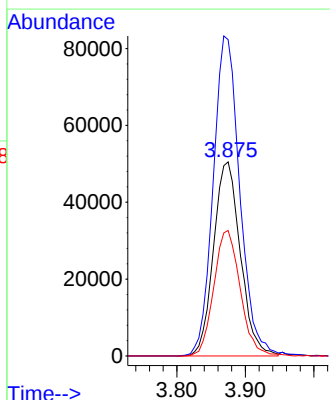
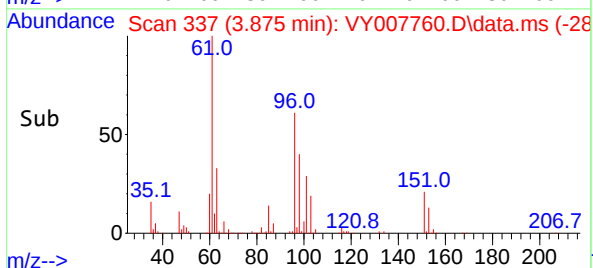
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

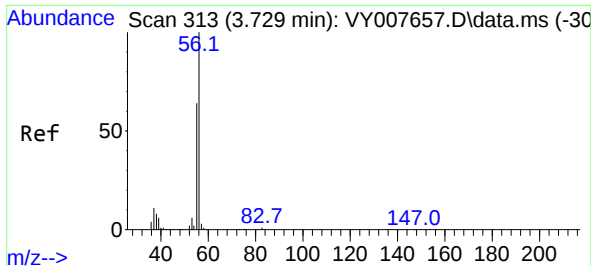


#12
1,1-Dichloroethene
Concen: 45.298 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



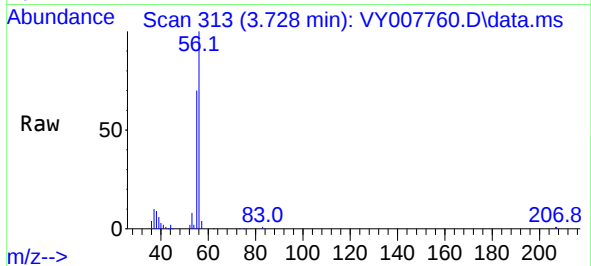
Tgt Ion: 96 Resp: 137200
Ion Ratio Lower Upper
96 100
61 163.0 145.8 218.6
98 64.7 52.5 78.7





#13
Acrolein
Concen: 232.560 ug/l
RT: 3.728 min Scan# 313
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

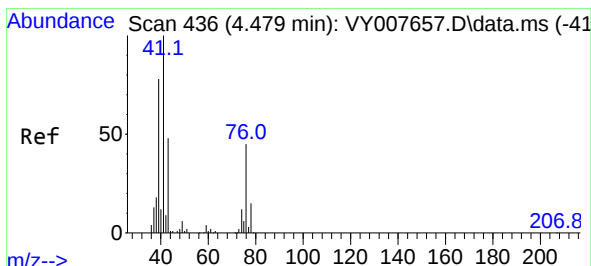
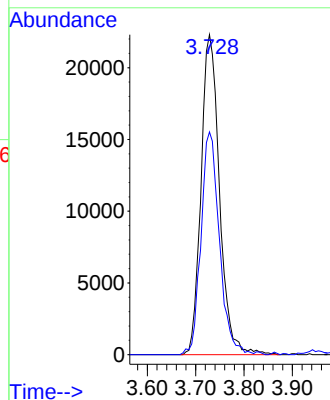
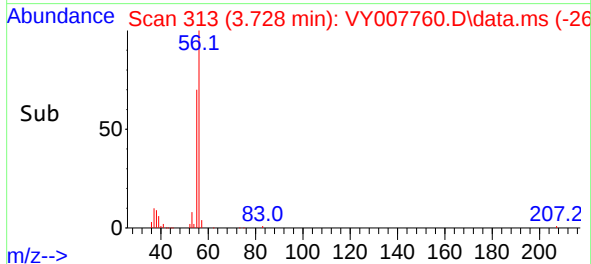
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



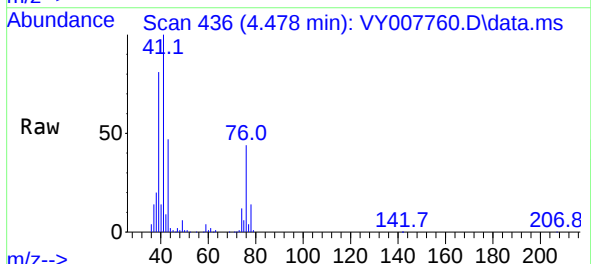
Tgt Ion: 56 Resp: 59070
Ion Ratio Lower Upper
56 100
55 69.4 57.6 86.4

Manual Integrations
APPROVED

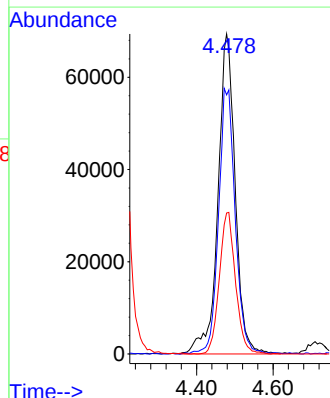
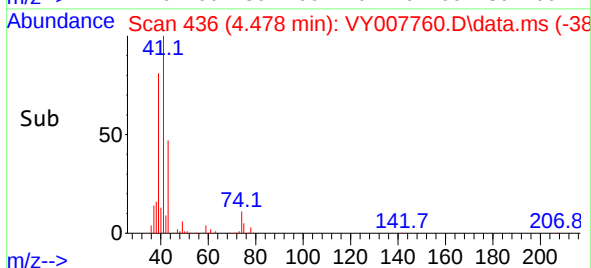
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

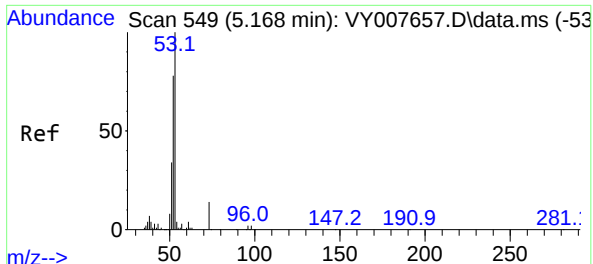


#14
Allyl chloride
Concen: 47.699 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



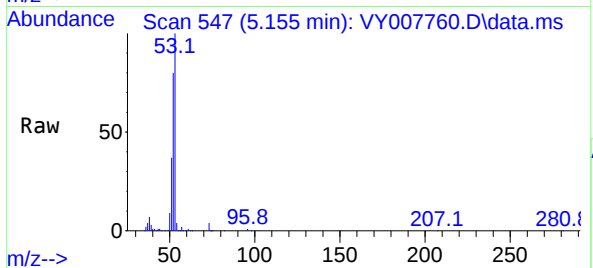
Tgt Ion: 41 Resp: 217304
Ion Ratio Lower Upper
41 100
39 80.4 58.8 88.2
76 41.4 25.1 37.7





#15
Acrylonitrile
Concen: 253.642 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.013 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

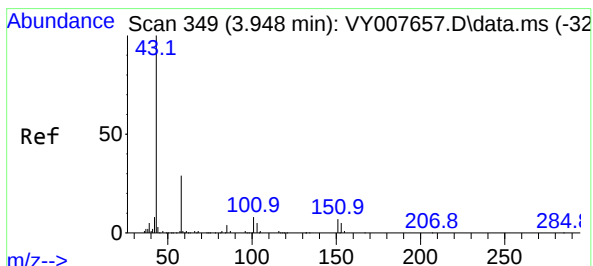
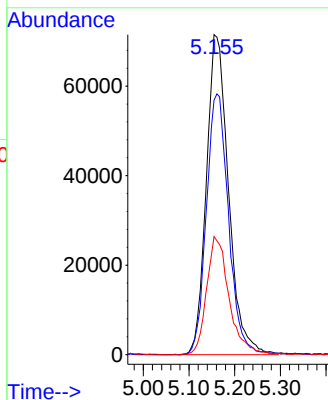
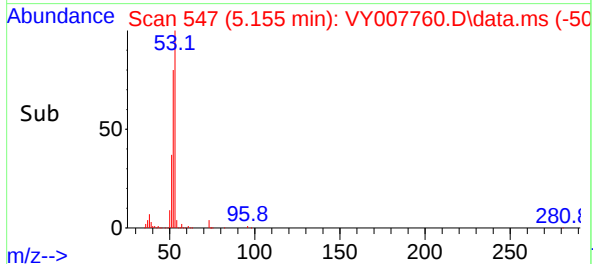
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



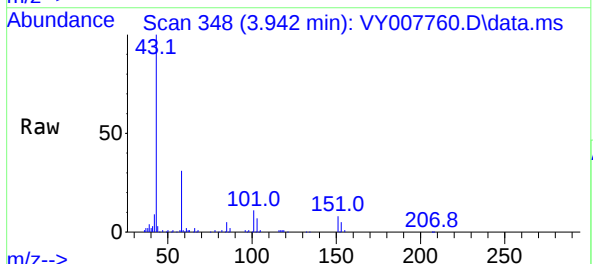
Tgt Ion: 53 Resp: 24085
Ion Ratio Lower Upper
53 100
52 81.7 67.0 100.4
51 37.3 29.8 44.6

Manual Integrations
APPROVED

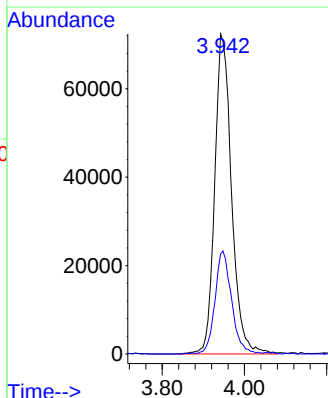
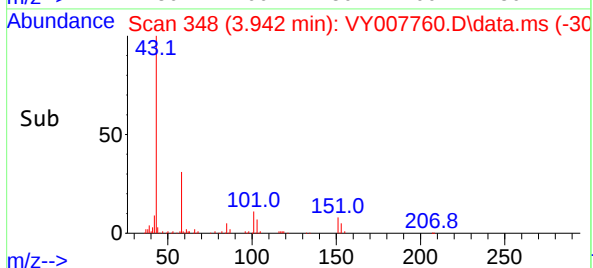
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

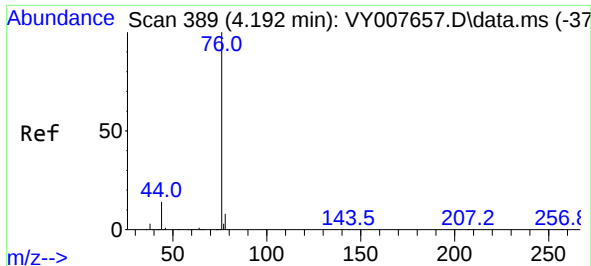


#16
Acetone
Concen: 296.577 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



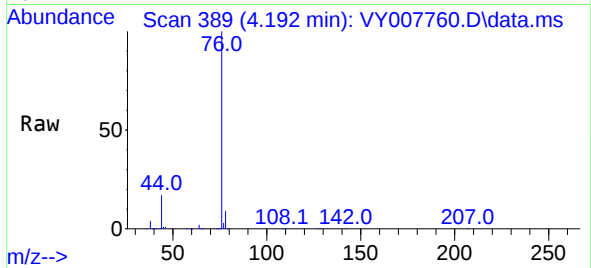
Tgt Ion: 43 Resp: 206014
Ion Ratio Lower Upper
43 100
58 31.2 22.0 33.0





#17
Carbon Disulfide
Concen: 46.325 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

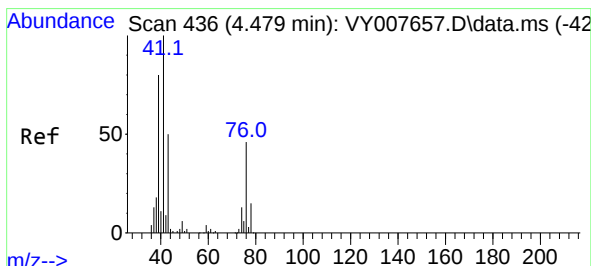
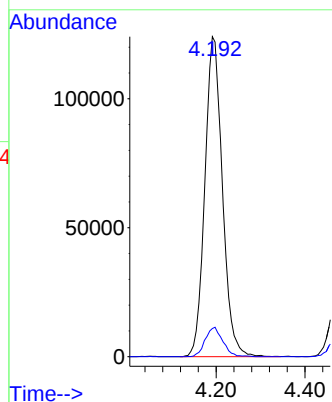
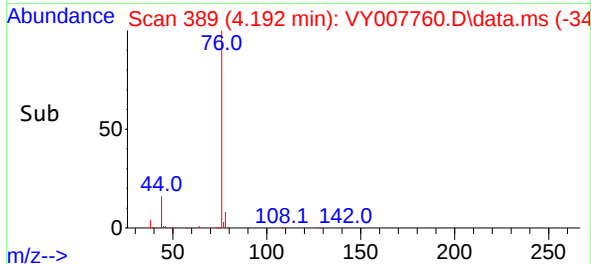
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



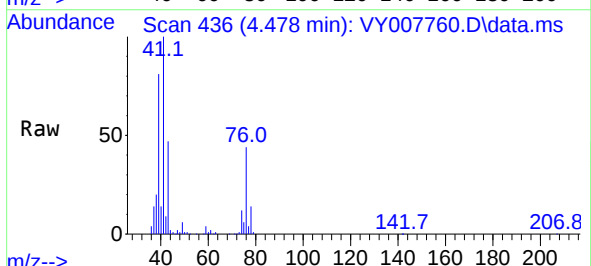
Tgt Ion: 76 Resp: 341239
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

Manual Integrations
APPROVED

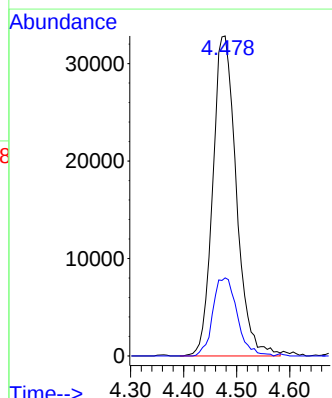
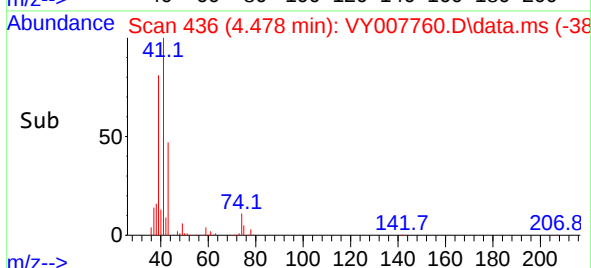
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

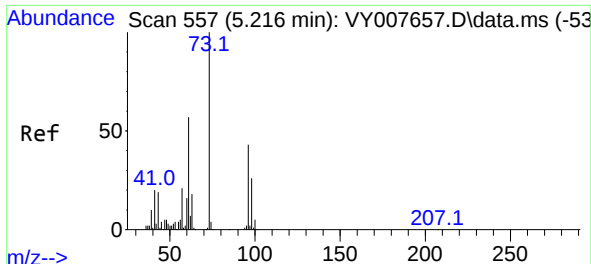


#18
Methyl Acetate
Concen: 49.752 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



Tgt Ion: 43 Resp: 101176
Ion Ratio Lower Upper
43 100
74 25.2 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 49.456 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY007760.D

Acq: 07 Mar 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 464908

Ion Ratio Lower Upper

73 100

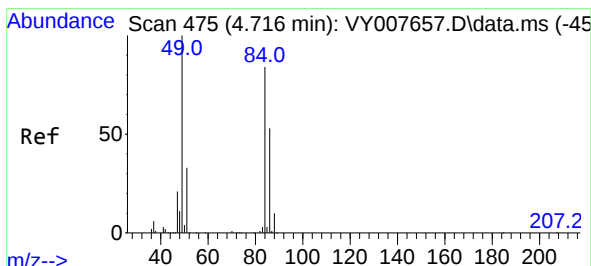
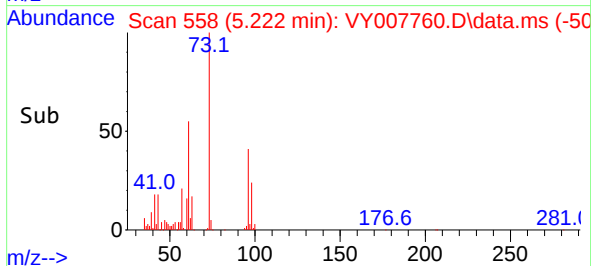
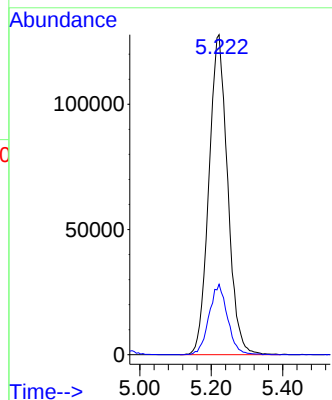
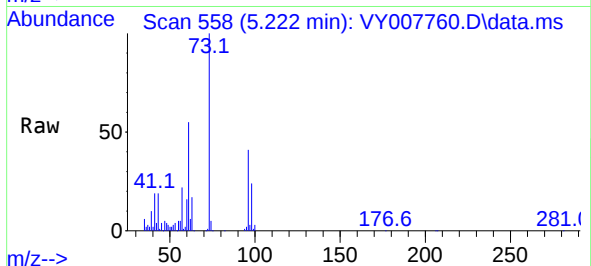
57 22.0 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2022

Supervised By :Mahesh Dadoda 03/08/2022



#20

Methylene Chloride

Concen: 63.630 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY007760.D

Acq: 07 Mar 2022 14:37

Tgt Ion: 84 Resp: 208264

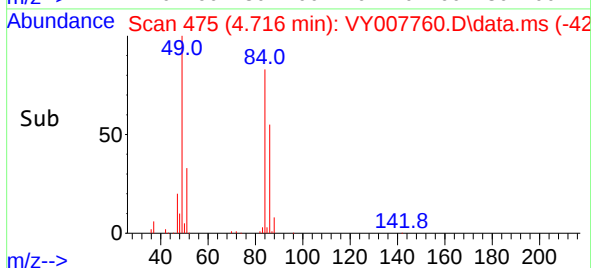
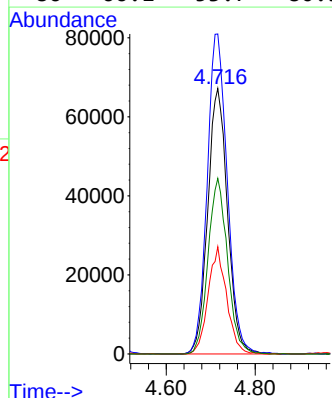
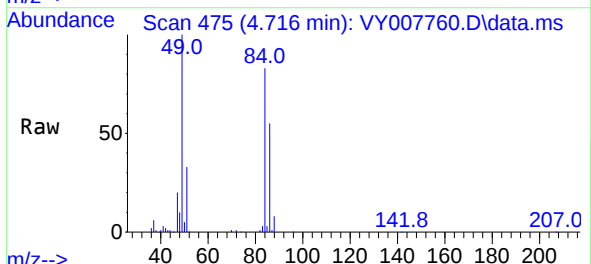
Ion Ratio Lower Upper

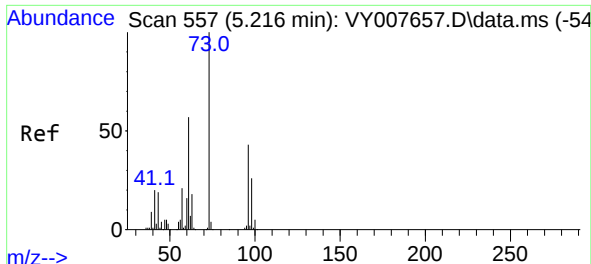
84 100

49 120.5 114.4 171.6

51 40.4 35.3 52.9

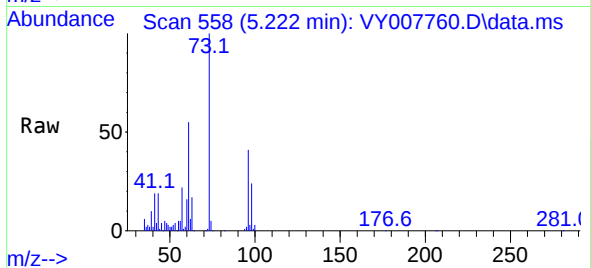
86 66.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 45.495 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

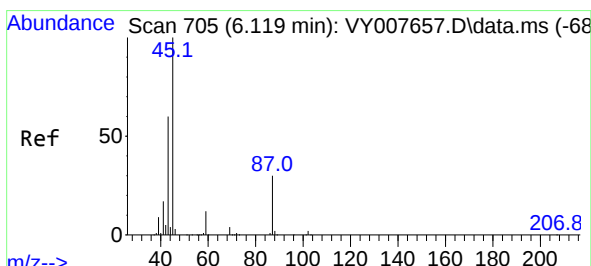
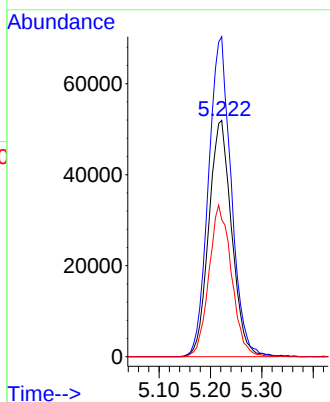
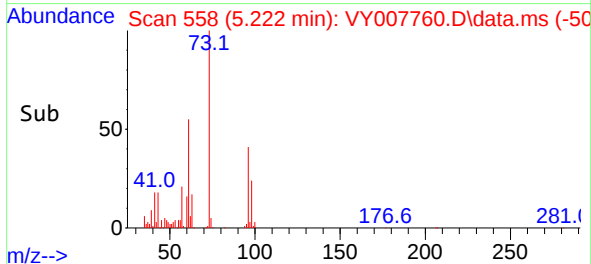
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



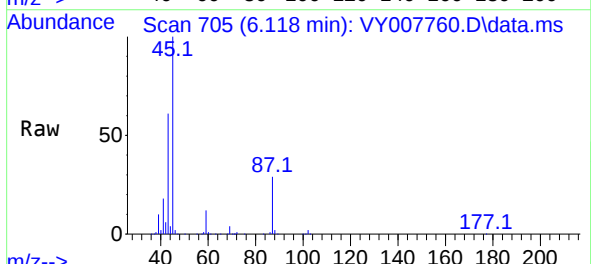
Tgt Ion: 96 Resp: 160780
Ion Ratio Lower Upper
96 100
61 135.4 120.5 180.7
98 58.0 49.8 74.8

Manual Integrations
APPROVED

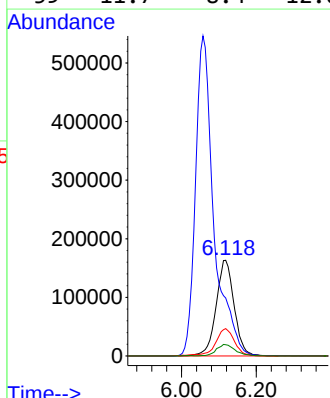
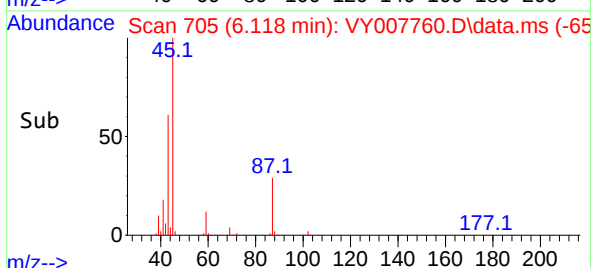
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

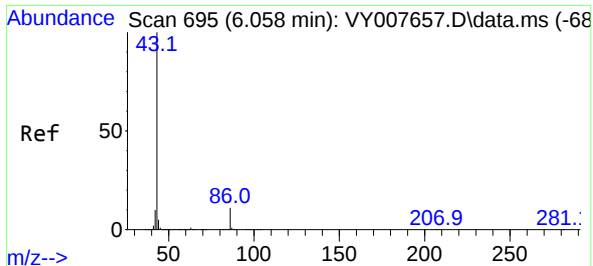


#22
Diisopropyl ether
Concen: 50.224 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



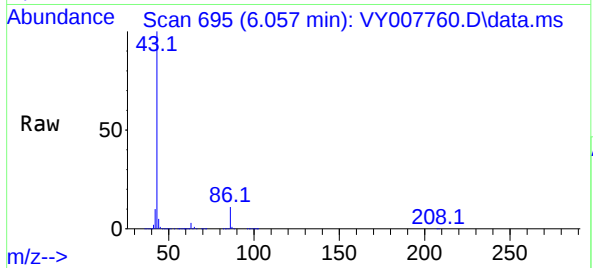
Tgt Ion: 45 Resp: 546600
Ion Ratio Lower Upper
45 100
43 60.2 49.3 73.9
87 28.6 19.2 28.8
59 11.7 8.4 12.6





#23
 Vinyl Acetate
 Concen: 270.349 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY007760.D
 Acq: 07 Mar 2022 14:37

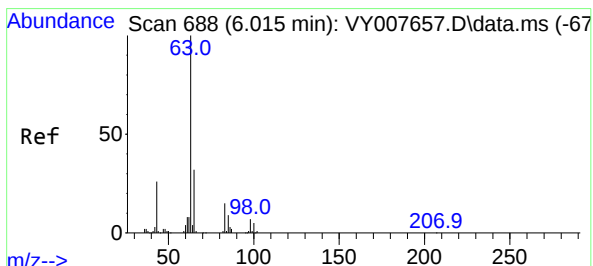
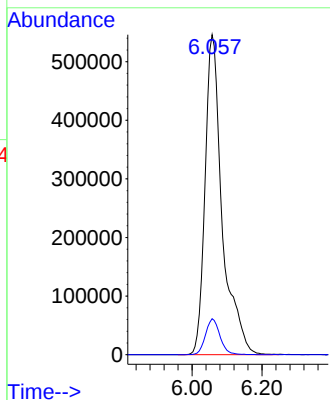
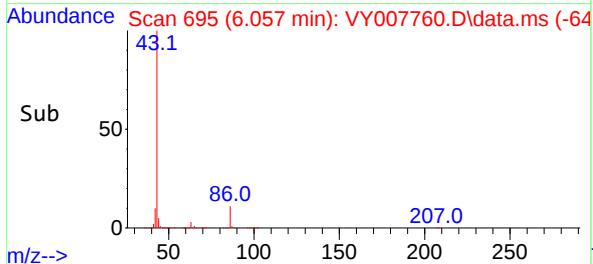
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



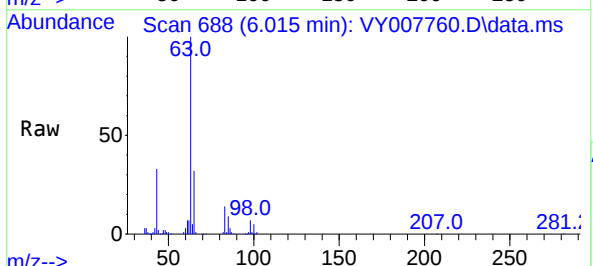
Tgt Ion: 43 Resp: 186068
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7

Manual Integrations
 APPROVED

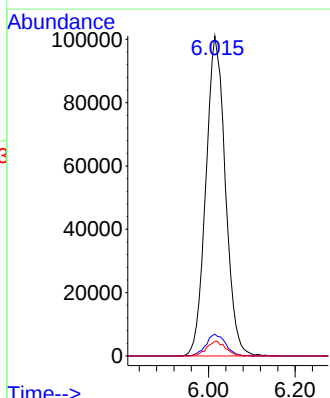
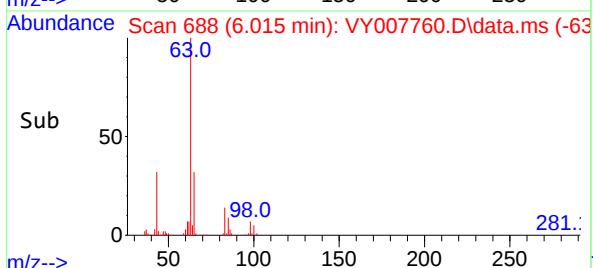
Reviewed By :John Carlone 03/08/2022
 Supervised By :Mahesh Dadoda 03/08/2022

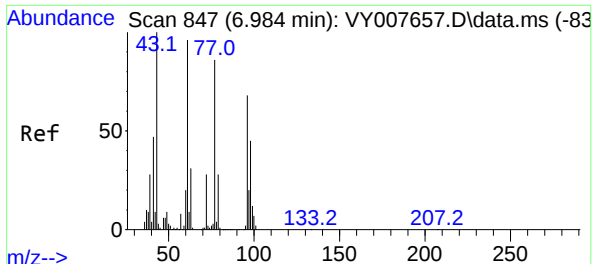


#24
 1,1-Dichloroethane
 Concen: 47.981 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY007760.D
 Acq: 07 Mar 2022 14:37



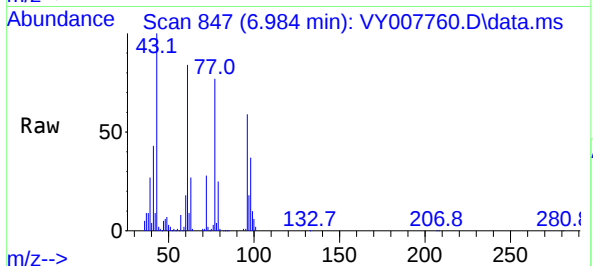
Tgt Ion: 63 Resp: 315519
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.6 2.0 5.8





#25
2-Butanone
Concen: 284.732 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

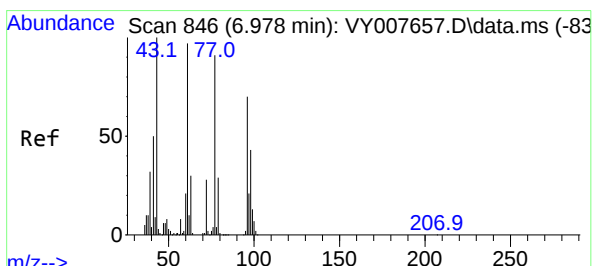
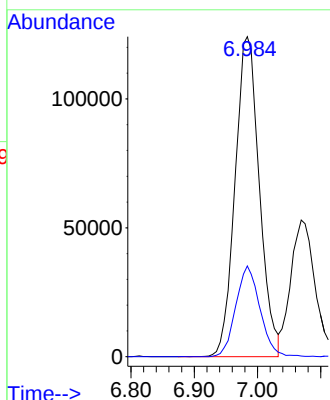
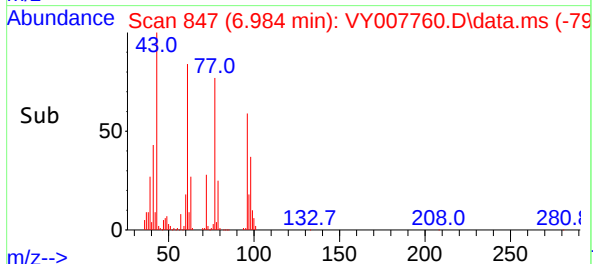
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



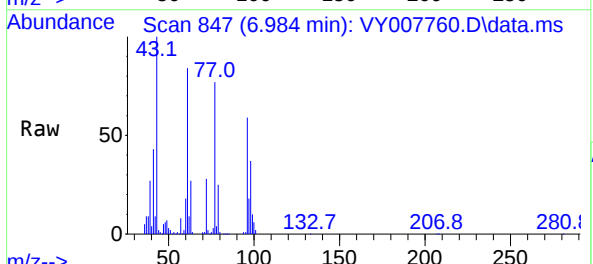
Tgt Ion: 43 Resp: 33179
Ion Ratio Lower Upper
43 100
72 28.4 17.7 26.5

Manual Integrations
APPROVED

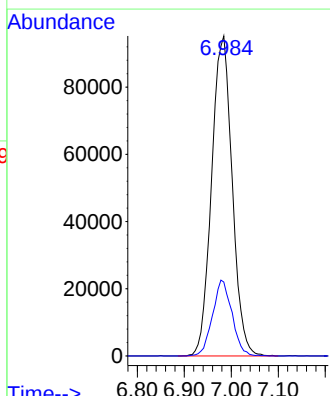
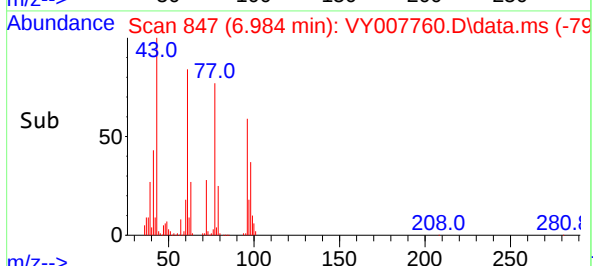
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

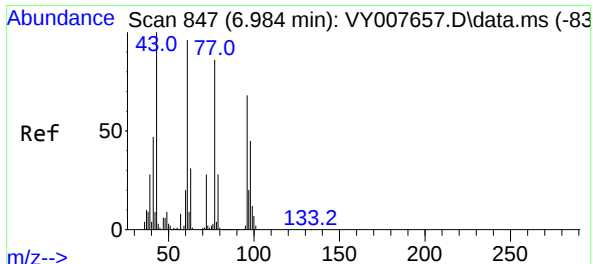


#26
2,2-Dichloropropane
Concen: 49.529 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



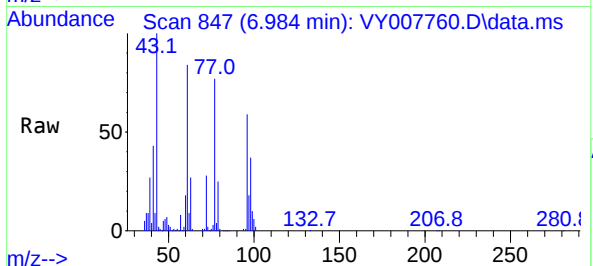
Tgt Ion: 77 Resp: 289848
Ion Ratio Lower Upper
77 100
97 22.4 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 47.102 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY007760.D
 Acq: 07 Mar 2022 14:37

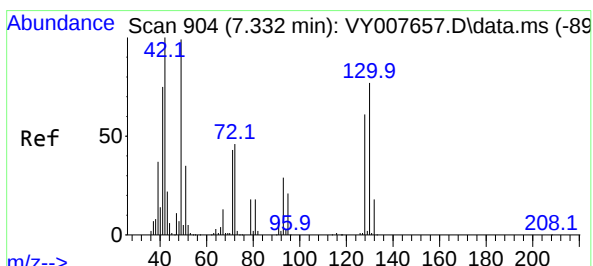
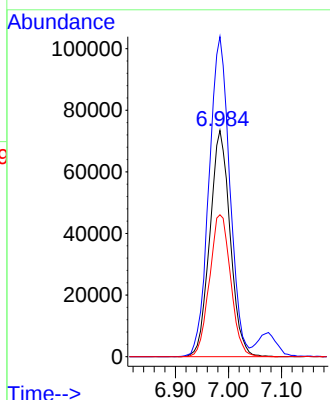
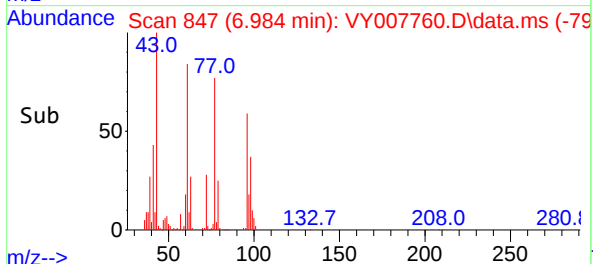
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



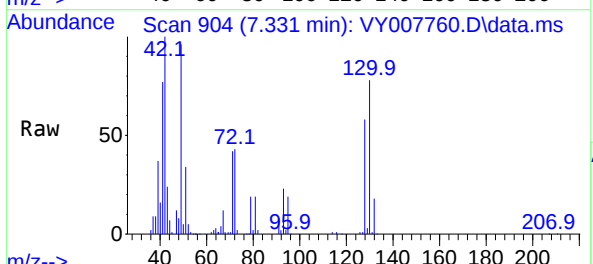
Tgt Ion: 96 Resp: 195199
 Ion Ratio Lower Upper
 96 100
 61 144.6 0.0 319.8
 98 65.4 0.0 127.0

Manual Integrations
 APPROVED

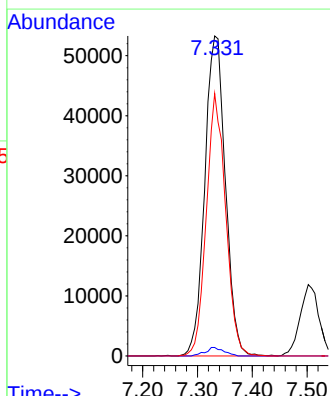
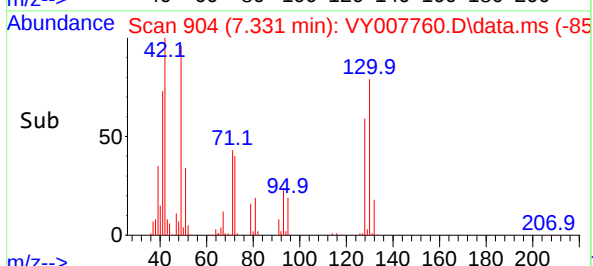
Reviewed By :John Carlone 03/08/2022
 Supervised By :Mahesh Dadoda 03/08/2022

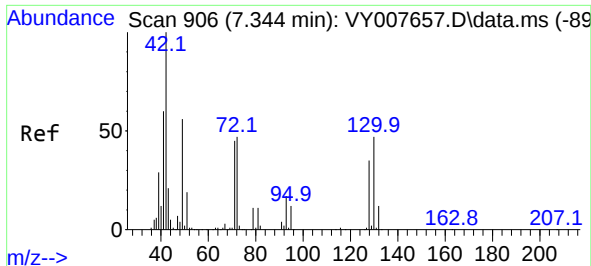


#28
 Bromochloromethane
 Concen: 49.810 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.001 min
 Lab File: VY007760.D
 Acq: 07 Mar 2022 14:37



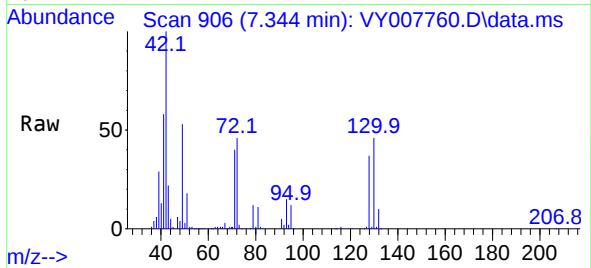
Tgt Ion: 49 Resp: 139297
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 2.2#
 130 76.6 55.4 83.0





#29
Tetrahydrofuran
Concen: 261.386 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

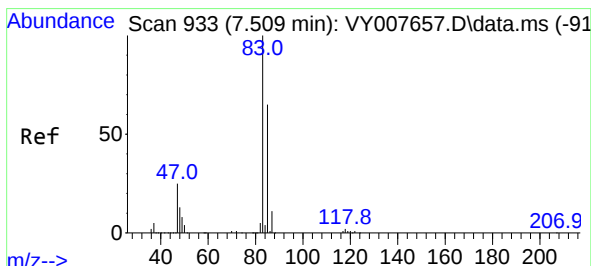
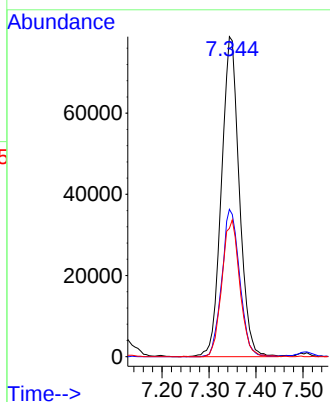
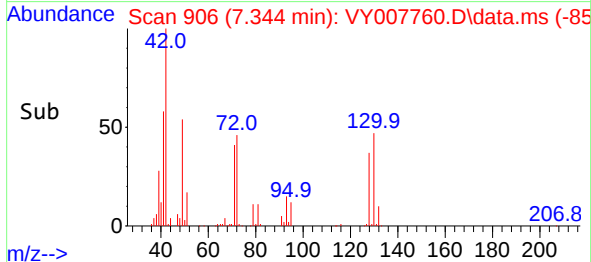
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



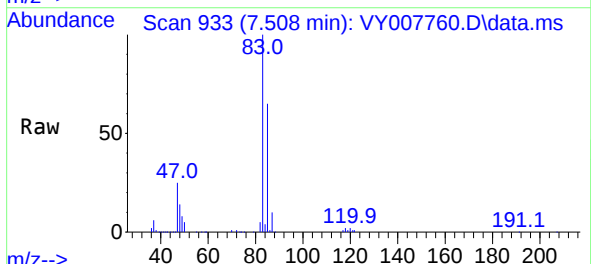
Tgt Ion: 42 Resp: 208409
Ion Ratio Lower Upper
42 100
72 46.0 30.3 45.5
71 42.6 29.0 43.4

Manual Integrations
APPROVED

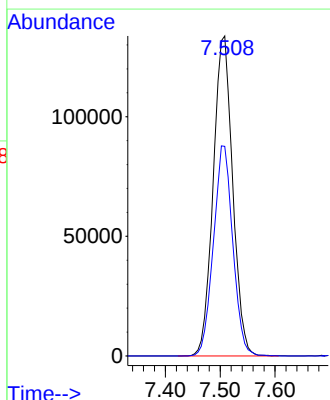
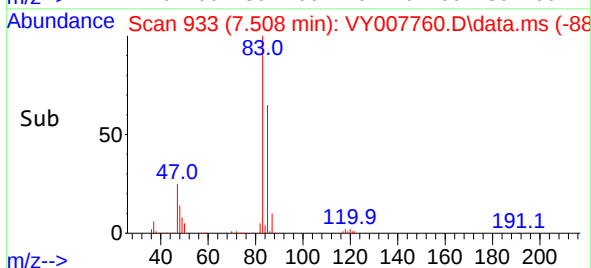
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

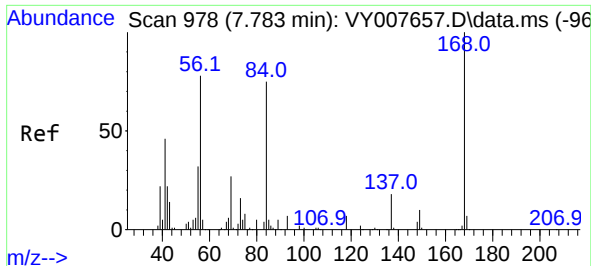


#30
Chloroform
Concen: 48.459 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



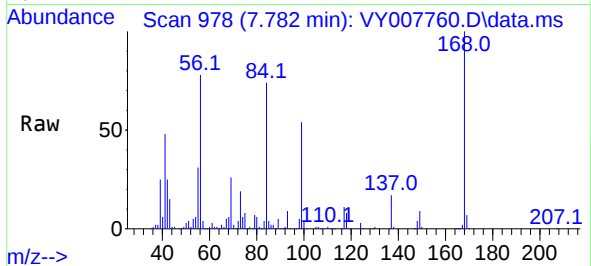
Tgt Ion: 83 Resp: 330138
Ion Ratio Lower Upper
83 100
85 65.5 51.8 77.6





#31
Cyclohexane
Concen: 50.284 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

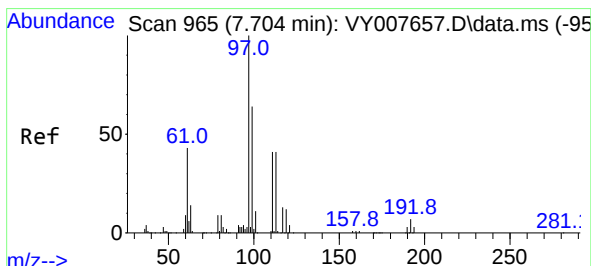
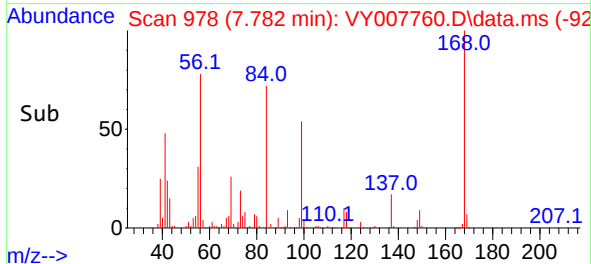
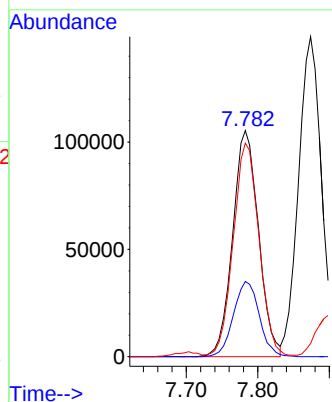
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 264420
Ion Ratio Lower Upper
56 100
69 33.3 26.7 40.1
84 93.1 67.2 100.8

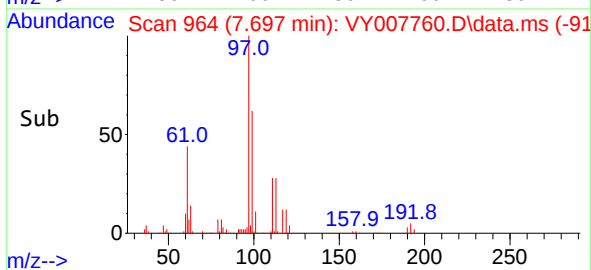
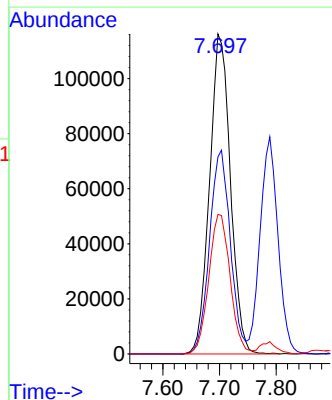
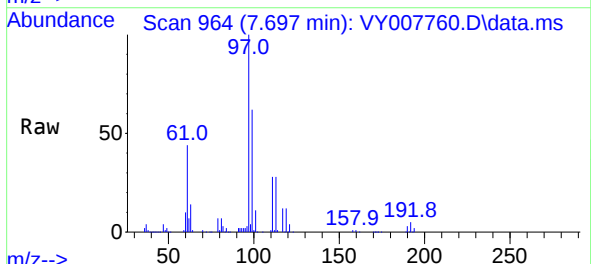
Manual Integrations
APPROVED

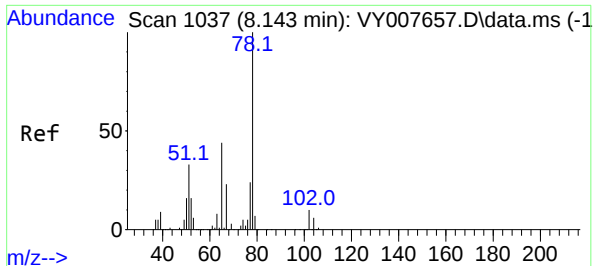
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022



#32
1,1,1-Trichloroethane
Concen: 48.925 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.007 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

Tgt Ion: 97 Resp: 296638
Ion Ratio Lower Upper
97 100
99 63.6 50.7 76.1
61 44.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.782 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007760.D

Acq: 07 Mar 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 166579

Ion Ratio Lower Upper

65 100

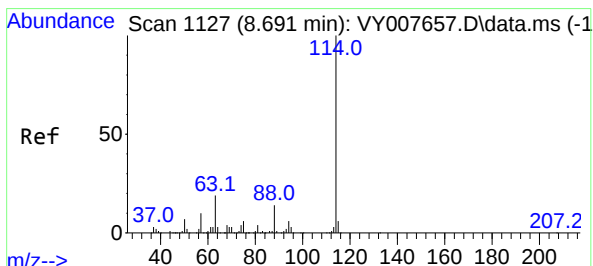
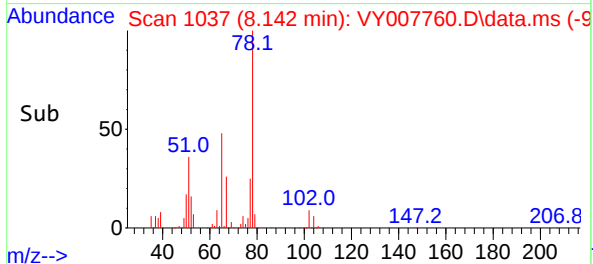
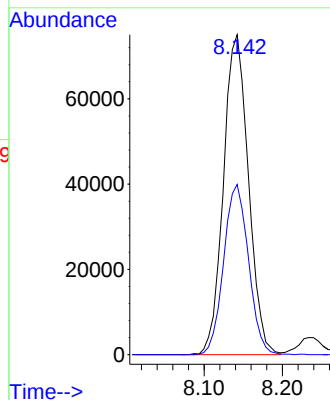
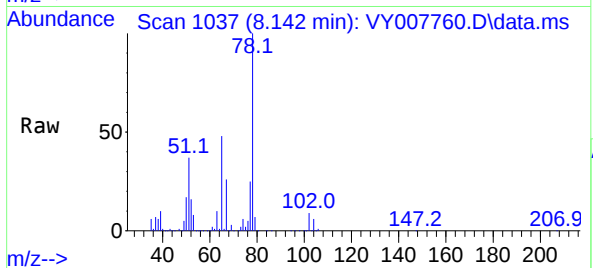
67 52.8 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2022

Supervised By :Mahesh Dadoda 03/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007760.D

Acq: 07 Mar 2022 14:37

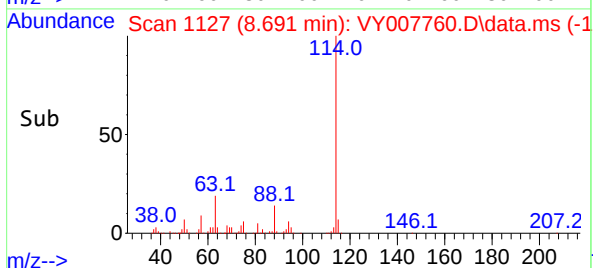
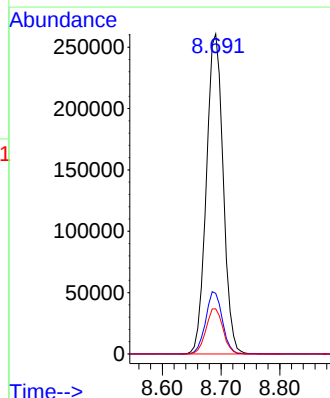
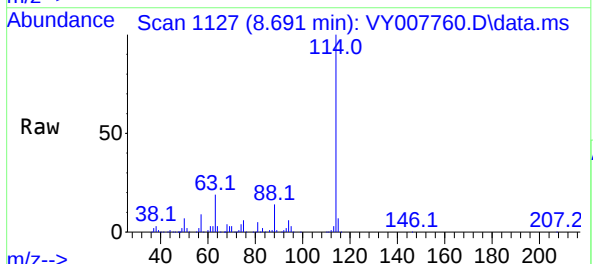
Tgt Ion:114 Resp: 516827

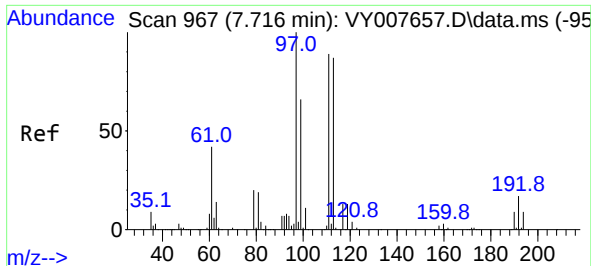
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

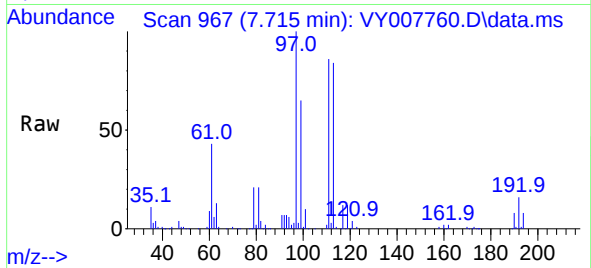
88 14.1 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.055 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

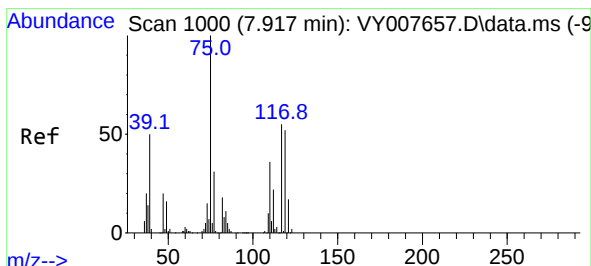
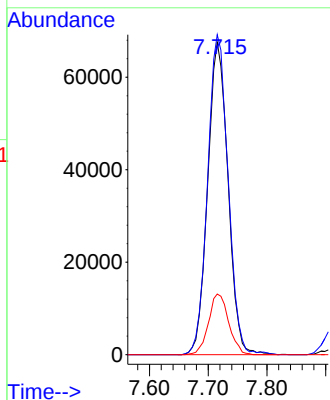
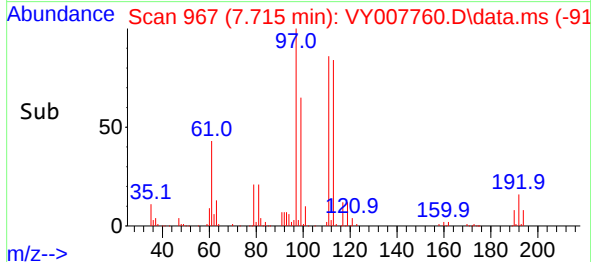
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



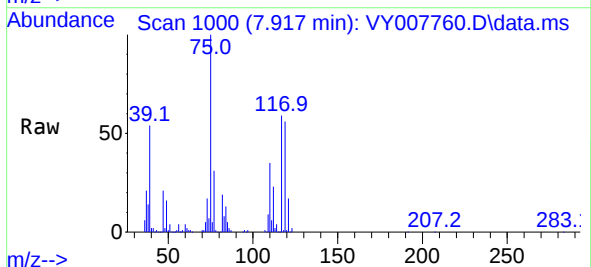
Tgt Ion:113 Resp: 162088
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.3 17.6 26.4

Manual Integrations
APPROVED

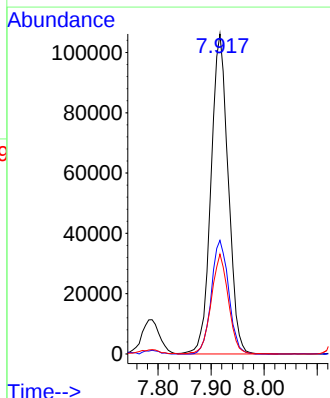
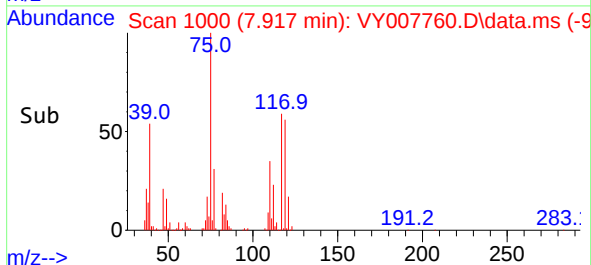
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

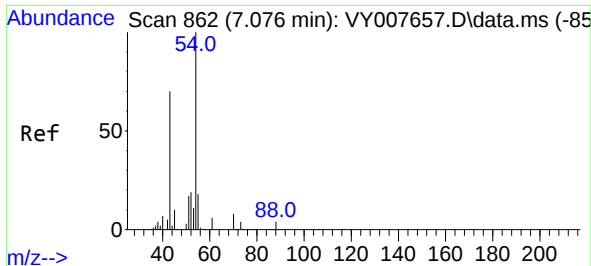


#36
1,1-Dichloropropene
Concen: 46.104 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



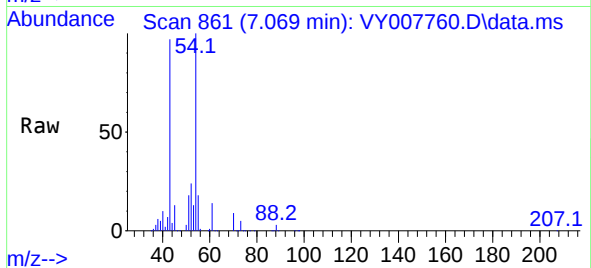
Tgt Ion: 75 Resp: 239643
Ion Ratio Lower Upper
75 100
110 35.7 17.1 51.2
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 50.373 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.007 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

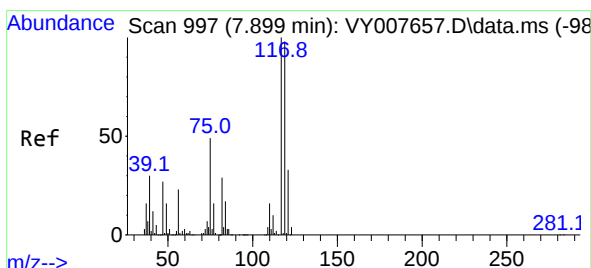
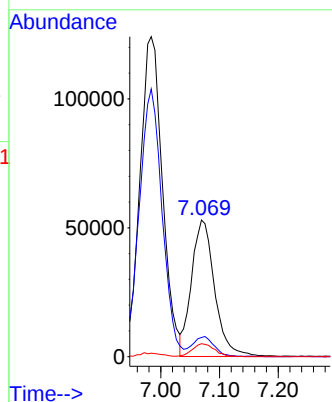
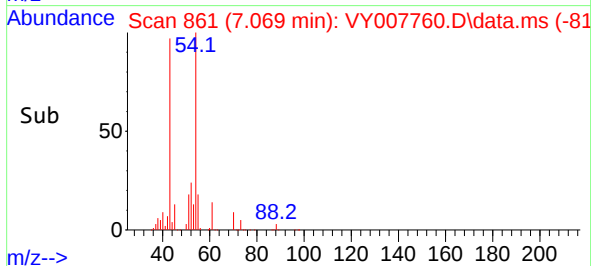
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 144618
Ion Ratio Lower Upper
43 100
61 14.3 9.7 14.5
70 9.2 7.1 10.7

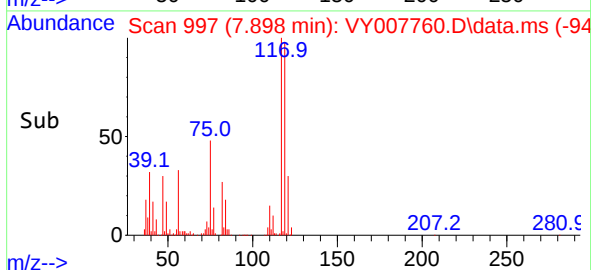
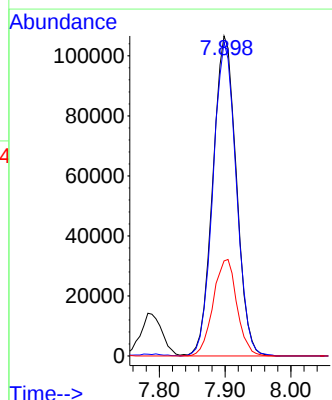
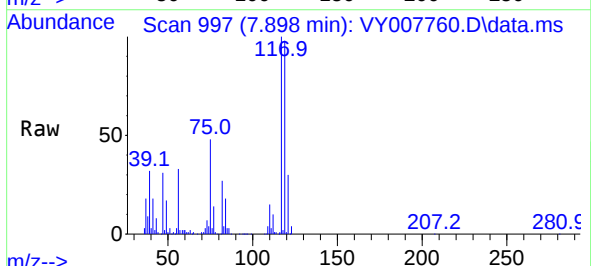
Manual Integrations
APPROVED

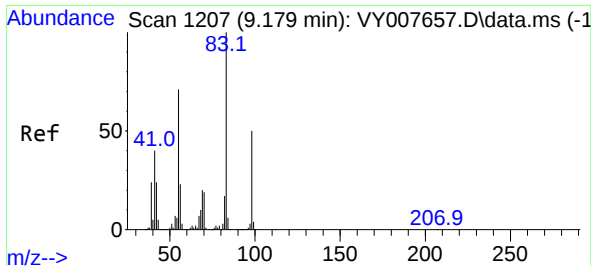
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022



#38
Carbon Tetrachloride
Concen: 47.724 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

Tgt Ion:117 Resp: 264614
Ion Ratio Lower Upper
117 100
119 98.1 77.9 116.9
121 29.7 24.8 37.2





#39

Methylcyclohexane

Concen: 45.979 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VY007760.D

Acq: 07 Mar 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 29371

Ion Ratio Lower Upper

83 100

55 72.4 66.5 99.7

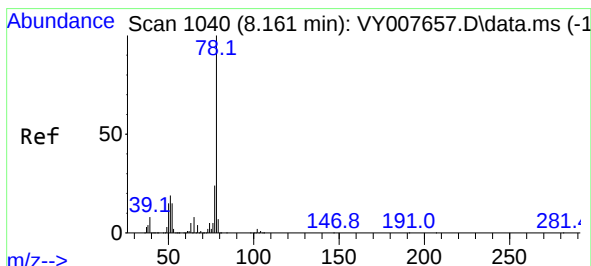
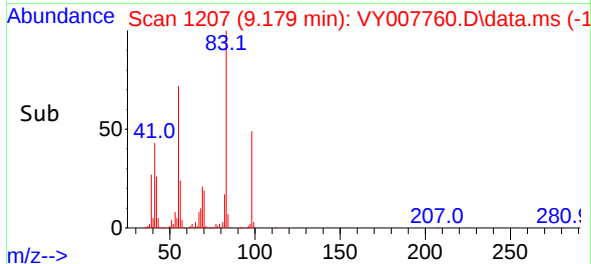
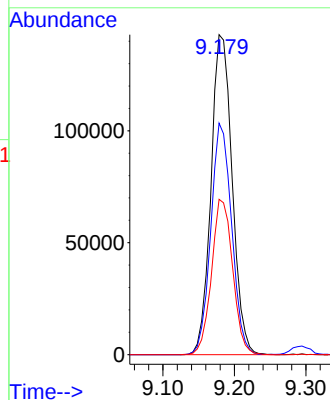
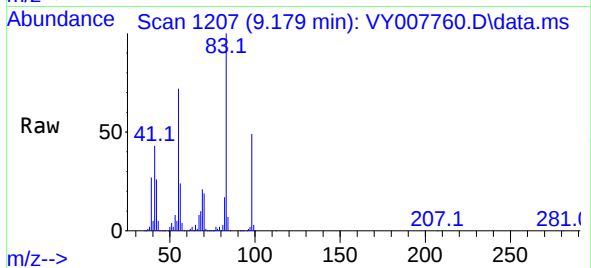
98 48.6 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2022

Supervised By :Mahesh Dadoda 03/08/2022



#40

Benzene

Concen: 47.191 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. -0.001 min

Lab File: VY007760.D

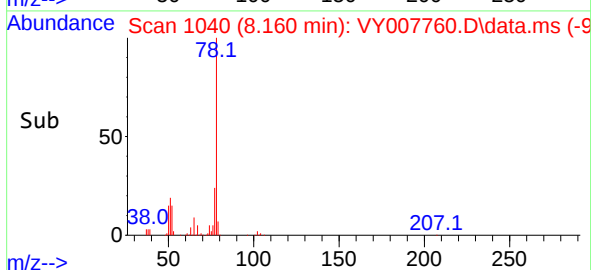
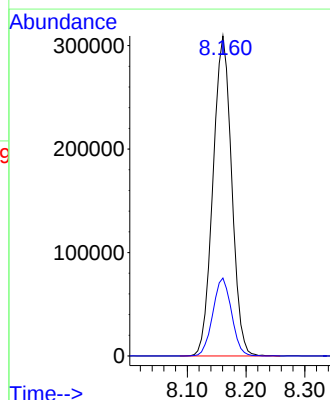
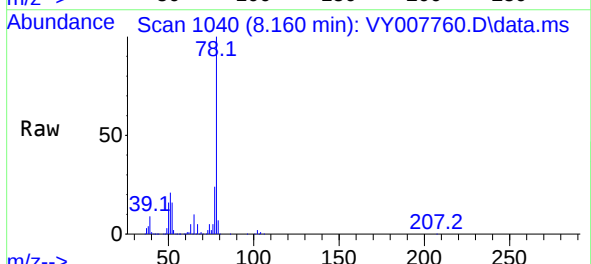
Acq: 07 Mar 2022 14:37

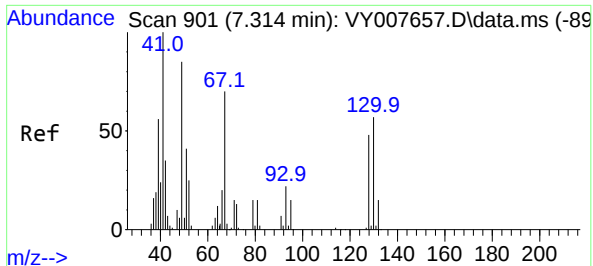
Tgt Ion: 78 Resp: 682666

Ion Ratio Lower Upper

78 100

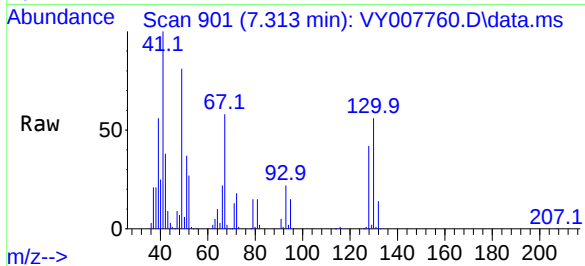
77 24.3 20.4 30.6





#41
Methacrylonitrile
Concen: 54.269 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

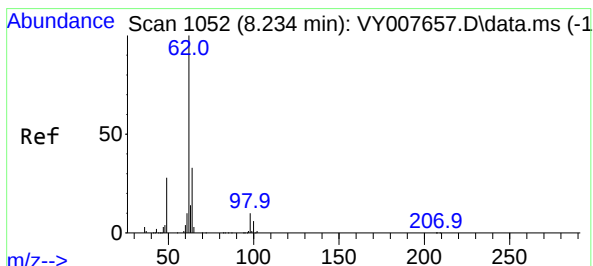
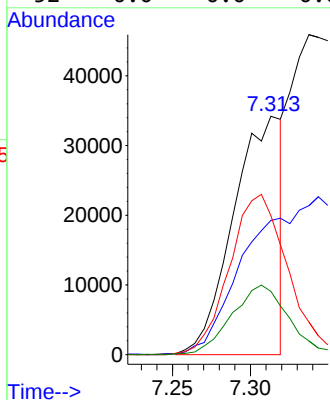
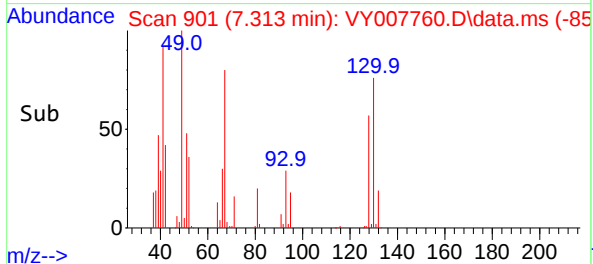
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 7445
Ion Ratio Lower Upper
41 100
39 134.9 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

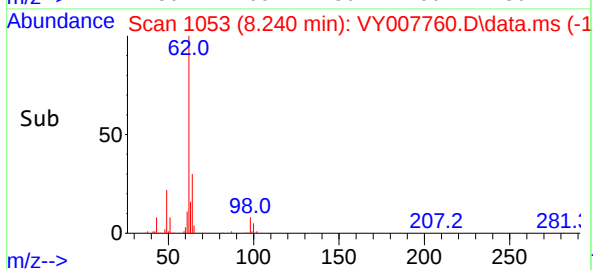
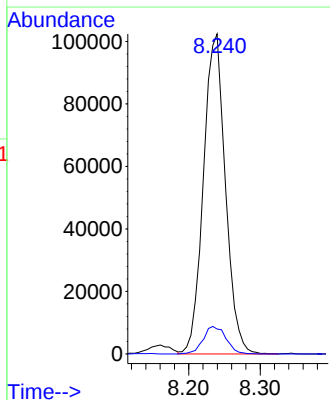
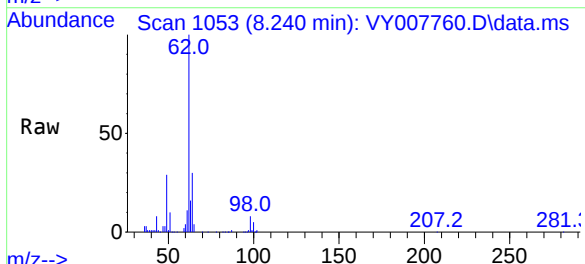
Manual Integrations
APPROVED

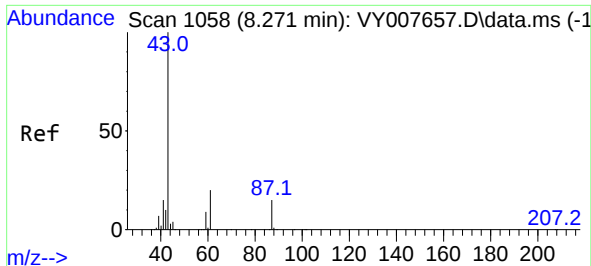
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022



#42
1,2-Dichloroethane
Concen: 48.415 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

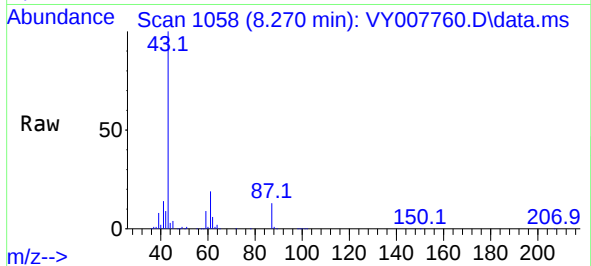
Tgt Ion: 62 Resp: 218536
Ion Ratio Lower Upper
62 100
98 9.0 0.0 14.8





#43
Isopropyl Acetate
Concen: 52.171 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

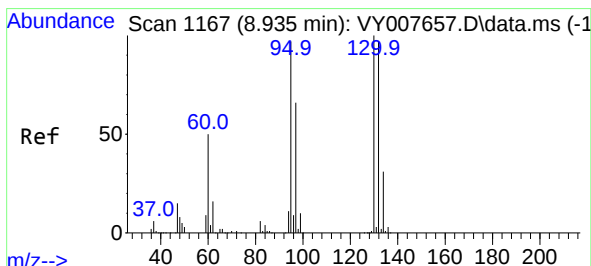
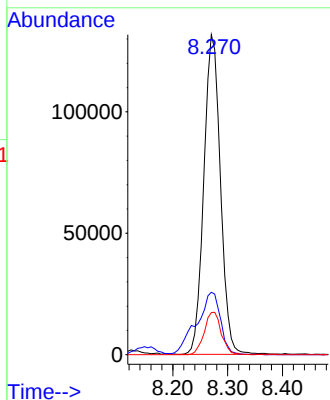
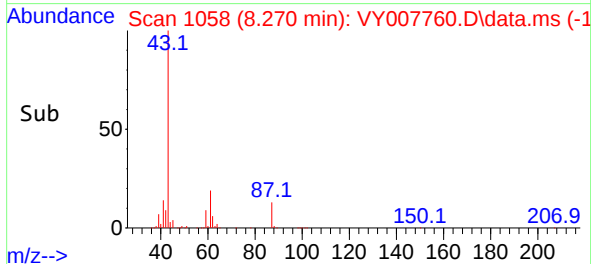
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 27698
Ion Ratio Lower Upper
43 100
61 27.9 20.2 30.2
87 13.6 8.9 13.3

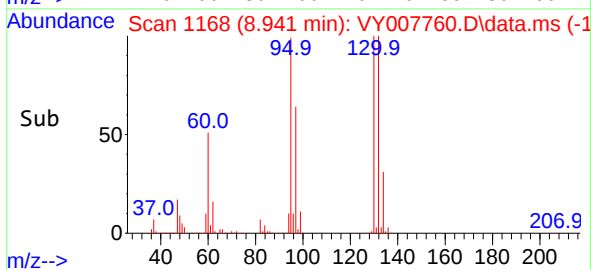
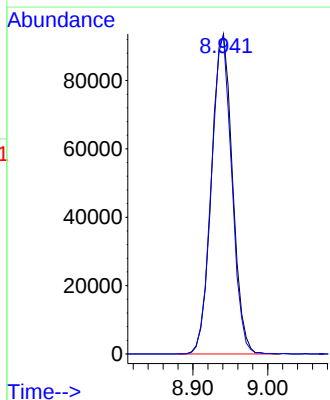
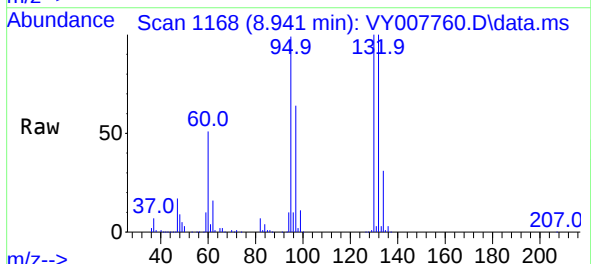
Manual Integrations
APPROVED

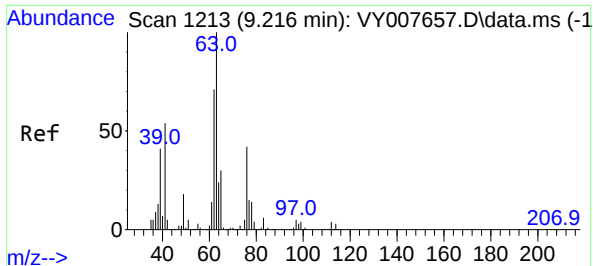
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022



#44
Trichloroethene
Concen: 45.378 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

Tgt Ion:130 Resp: 182309
Ion Ratio Lower Upper
130 100
95 99.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 48.457 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY007760.D

Acq: 07 Mar 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 18127

Ion Ratio Lower Upper

63 100

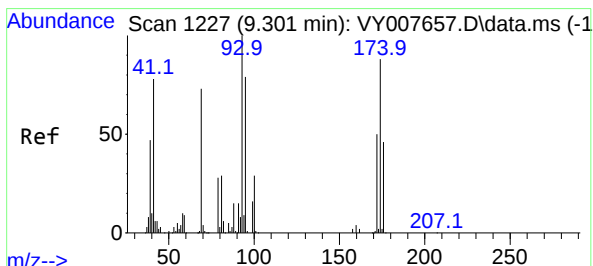
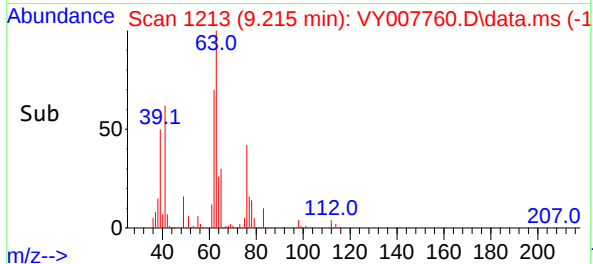
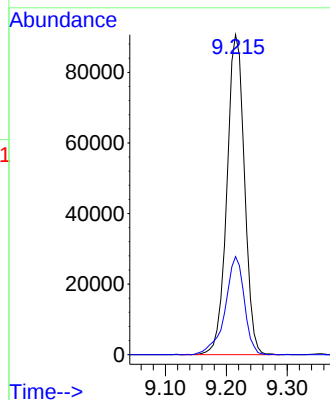
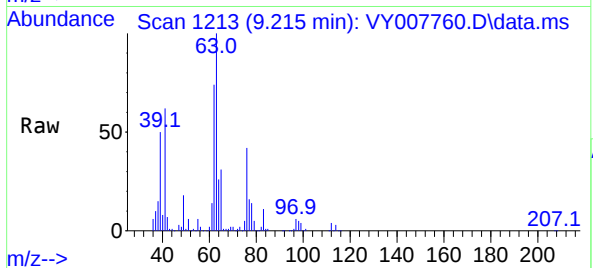
65 30.7 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2022

Supervised By :Mahesh Dadoda 03/08/2022



#46

Dibromomethane

Concen: 48.718 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY007760.D

Acq: 07 Mar 2022 14:37

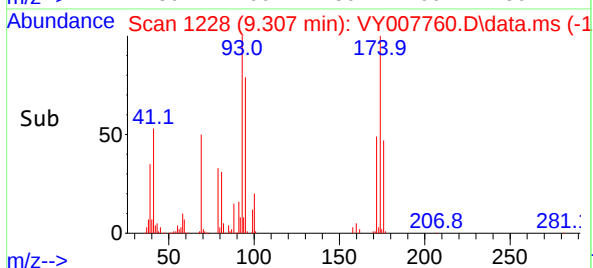
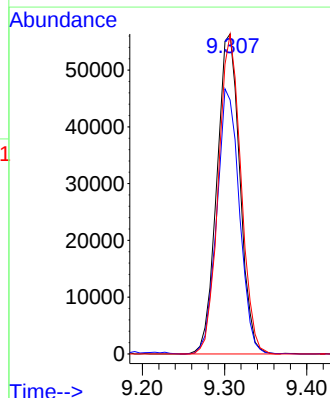
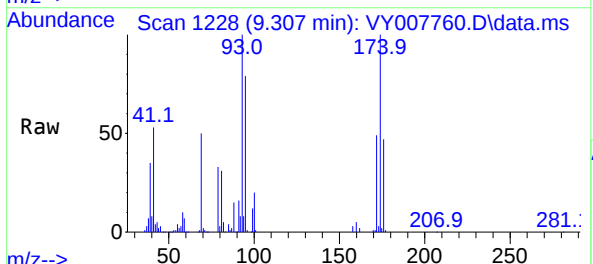
Tgt Ion: 93 Resp: 109398

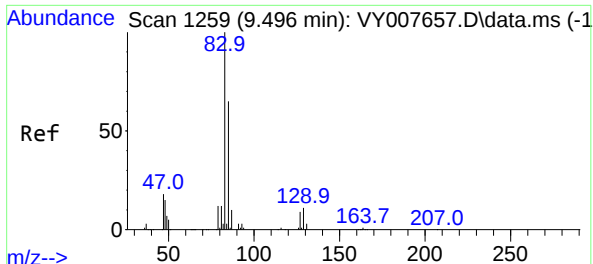
Ion Ratio Lower Upper

93 100

95 81.7 64.3 96.5

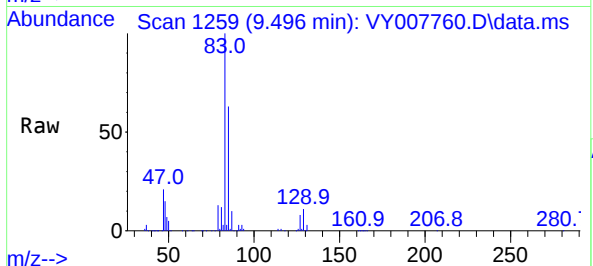
174 97.7 83.4 125.0





#47
Bromodichloromethane
Concen: 49.535 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

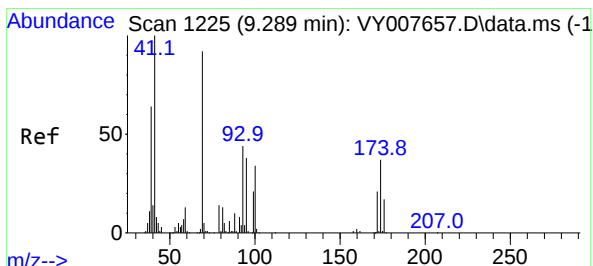
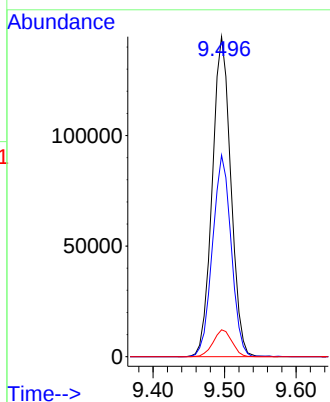
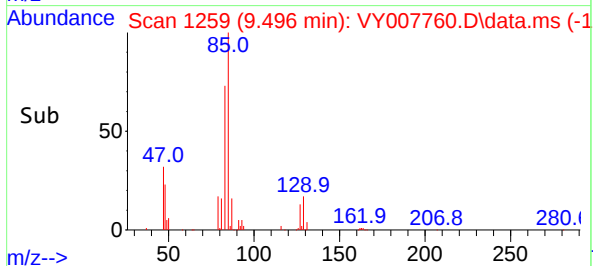
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



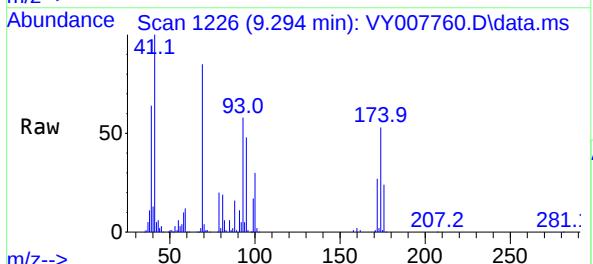
Tgt Ion: 83 Resp: 260892
Ion Ratio Lower Upper
83 100
85 62.9 51.9 77.9
127 8.4 6.6 10.0

Manual Integrations
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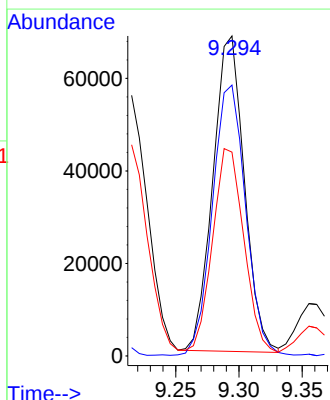
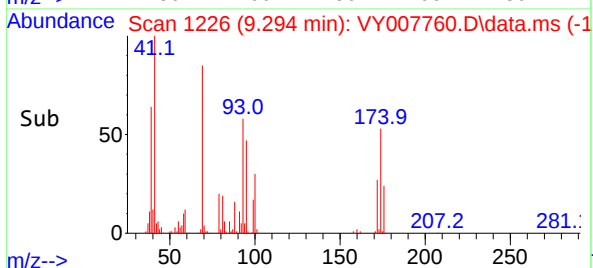
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

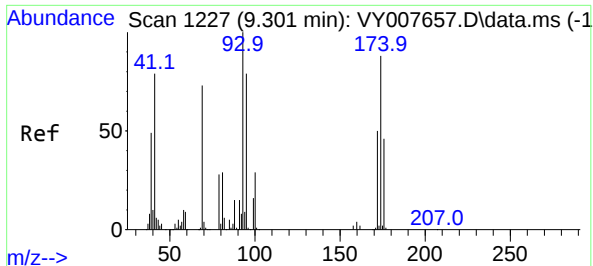


#48
Methyl methacrylate
Concen: 51.101 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.005 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



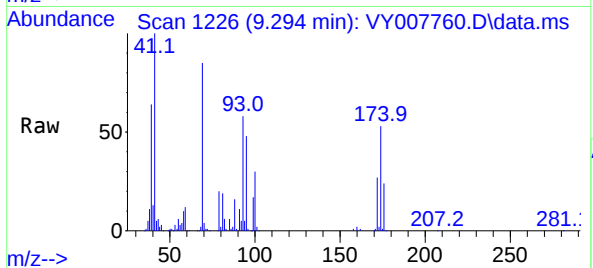
Tgt Ion: 41 Resp: 117599
Ion Ratio Lower Upper
41 100
69 90.7 58.2 87.2#
39 66.9 47.4 71.0





#49
1,4-Dioxane
Concen: 1077.703 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.007 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

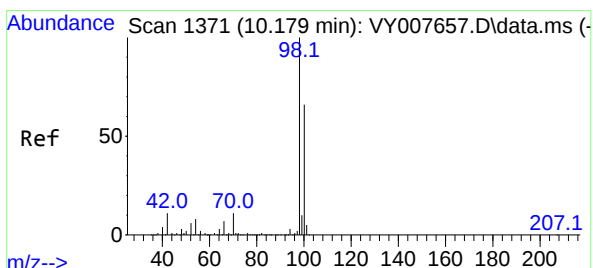
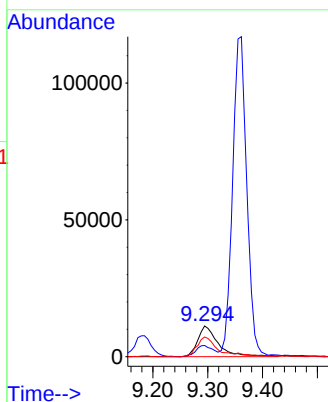
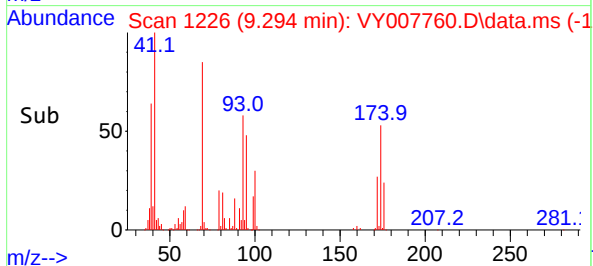
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 29210
Ion Ratio Lower Upper
88 100
43 31.0 32.8 49.2
58 59.8 59.8 89.6

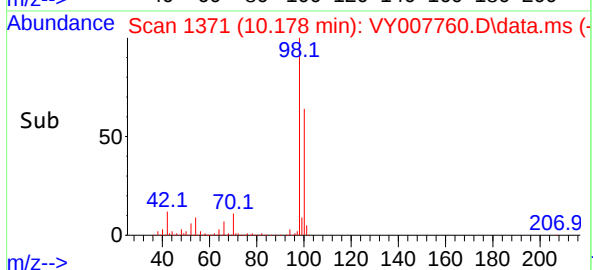
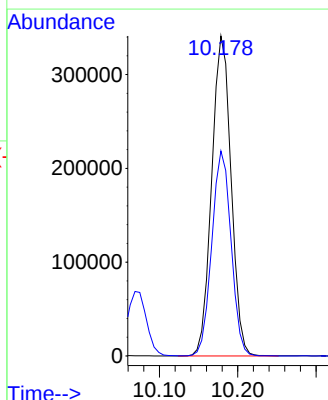
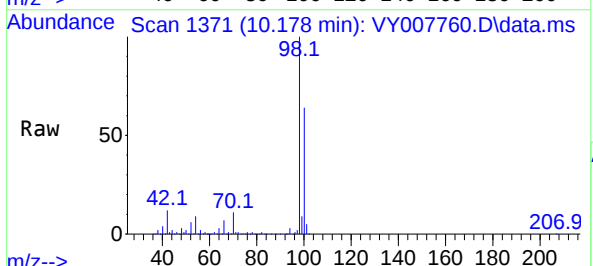
Manual Integrations
APPROVED

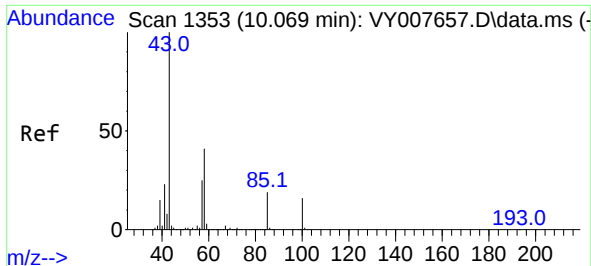
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022



#50
Toluene-d8
Concen: 48.190 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

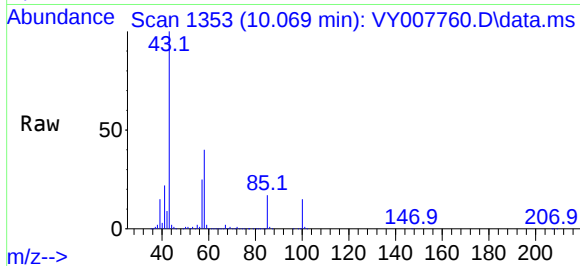
Tgt Ion: 98 Resp: 586134
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 267.075 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

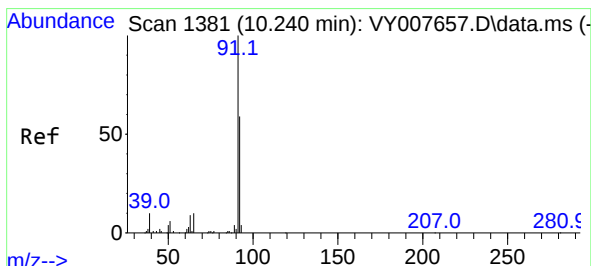
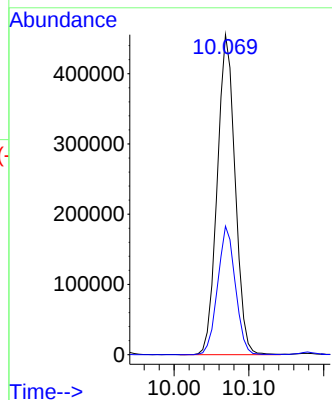
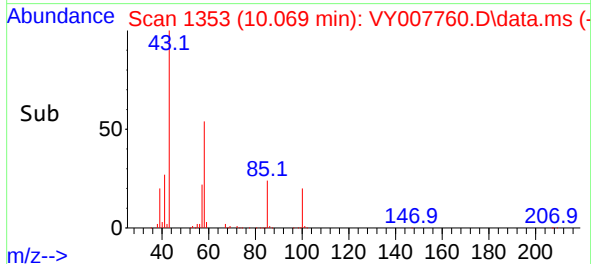
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



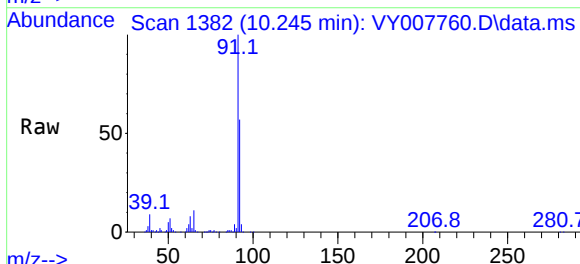
Tgt Ion: 43 Resp: 758708
Ion Ratio Lower Upper
43 100
58 39.8 28.1 42.1

Manual Integrations
APPROVED

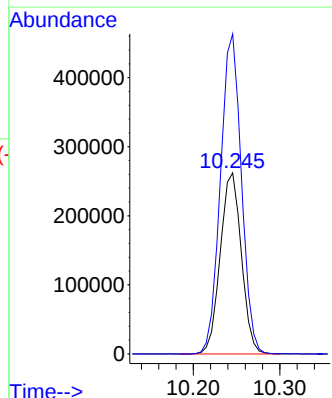
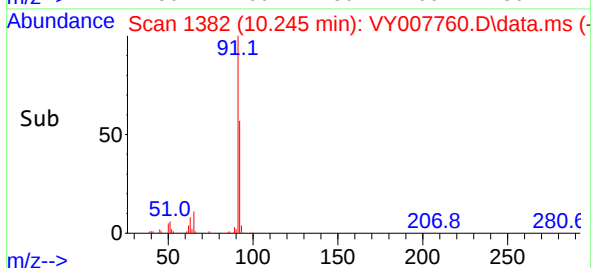
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

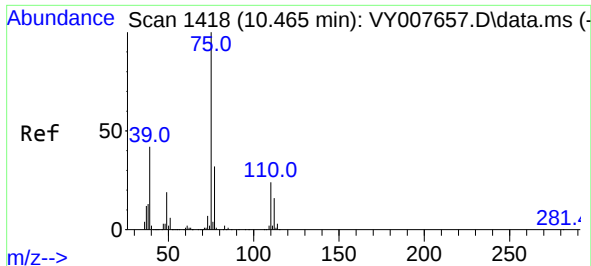


#52
Toluene
Concen: 47.335 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. 0.005 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



Tgt Ion: 92 Resp: 442742
Ion Ratio Lower Upper
92 100
91 175.8 142.6 213.8





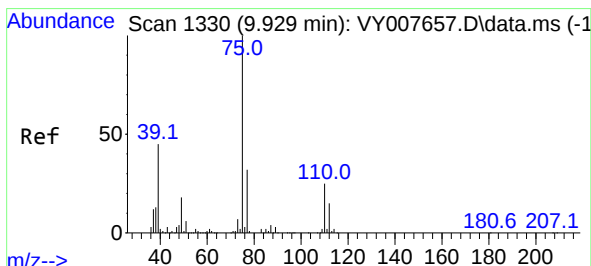
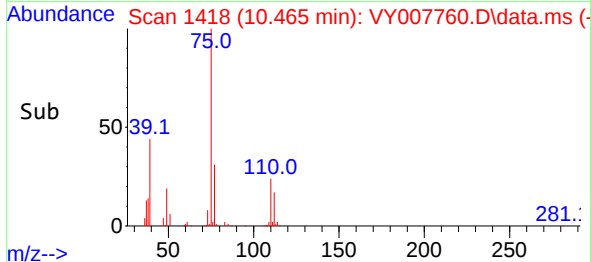
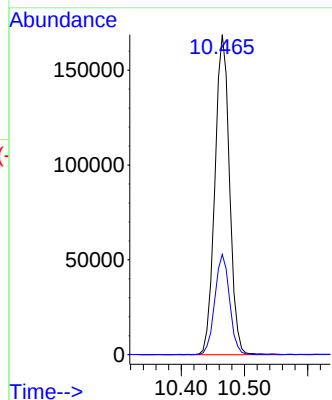
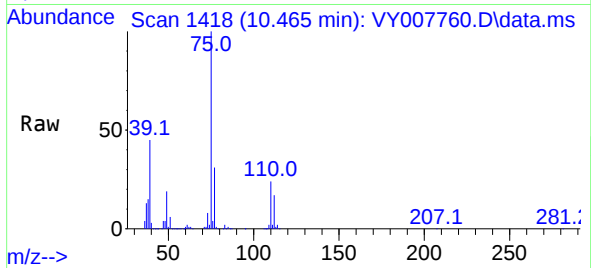
#53
t-1,3-Dichloropropene
Concen: 50.064 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 27071
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

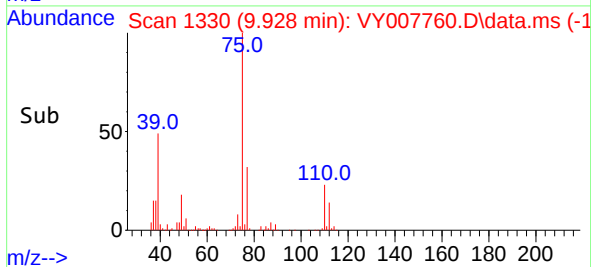
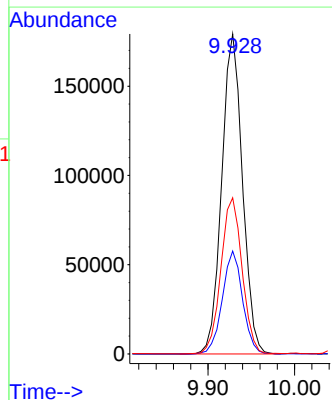
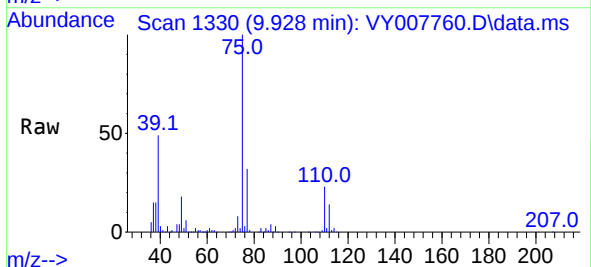
Manual Integrations
APPROVED

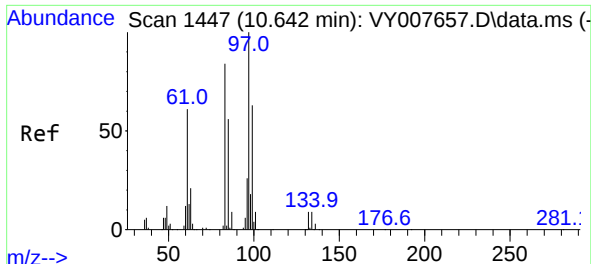
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022



#54
cis-1,3-Dichloropropene
Concen: 49.882 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

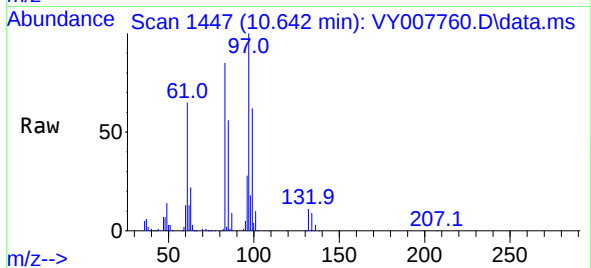
Tgt Ion: 75 Resp: 298007
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
39 48.8 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 49.942 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

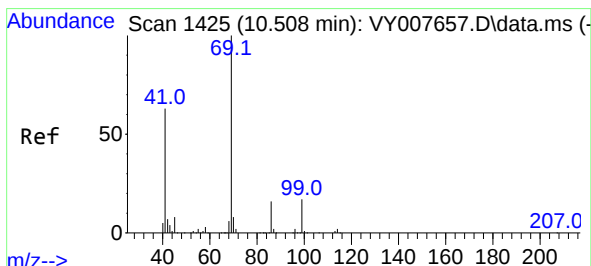
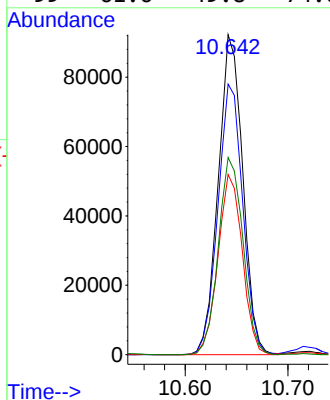
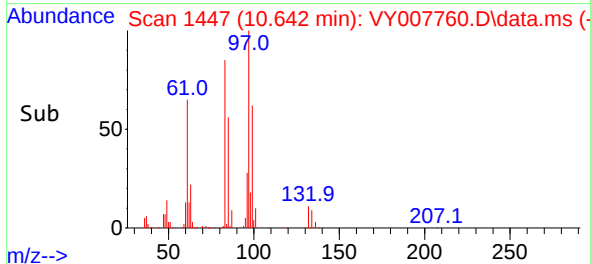
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



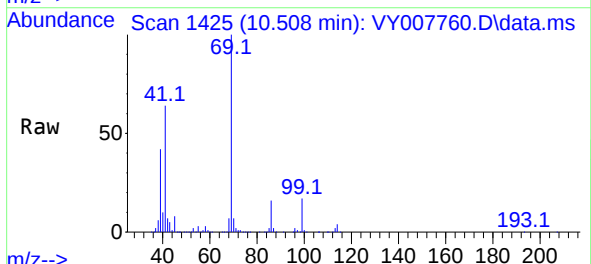
Tgt Ion: 97 Resp: 152561
Ion Ratio Lower Upper
97 100
83 84.6 69.8 104.8
85 56.3 44.3 66.5
99 61.6 49.8 74.6

Manual Integrations
APPROVED

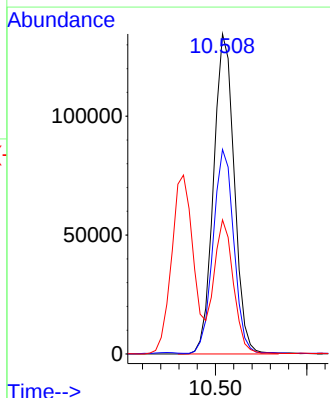
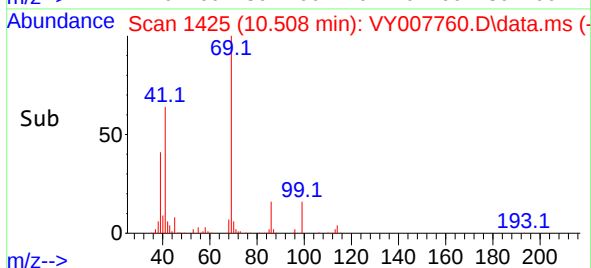
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

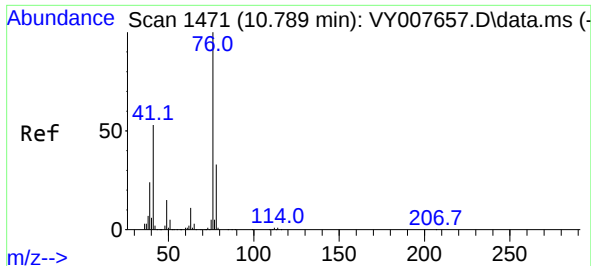


#56
Ethyl methacrylate
Concen: 52.171 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



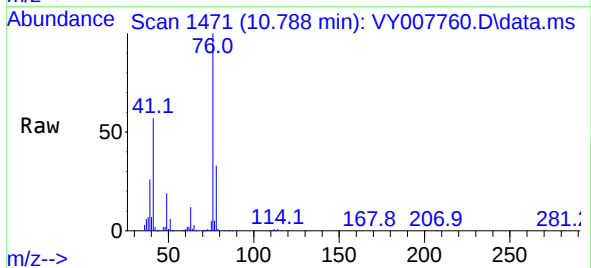
Tgt Ion: 69 Resp: 211595
Ion Ratio Lower Upper
69 100
41 64.2 63.4 95.0
39 38.6 35.8 53.8





#57
1,3-Dichloropropane
Concen: 49.669 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

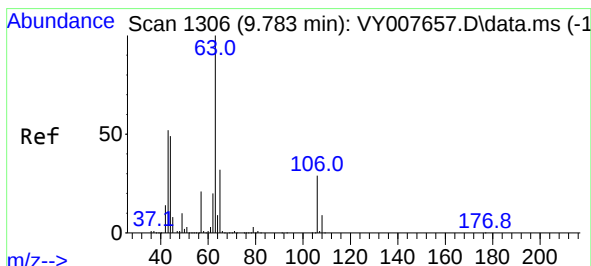
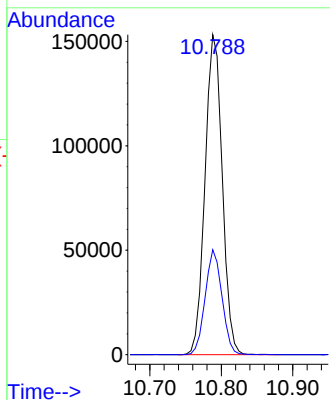
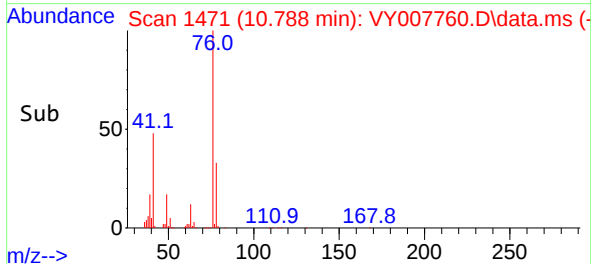
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



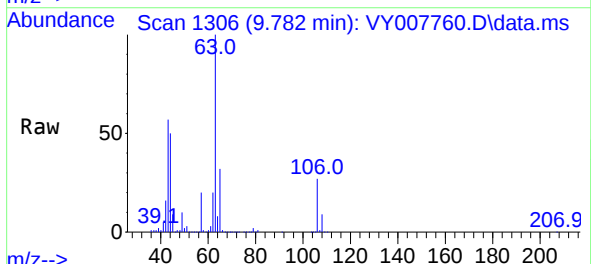
Tgt Ion: 76 Resp: 256583
Ion Ratio Lower Upper
76 100
78 32.0 25.0 37.6

Manual Integrations
APPROVED

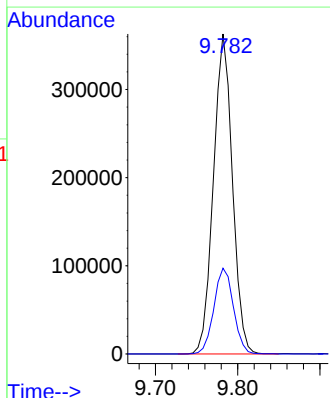
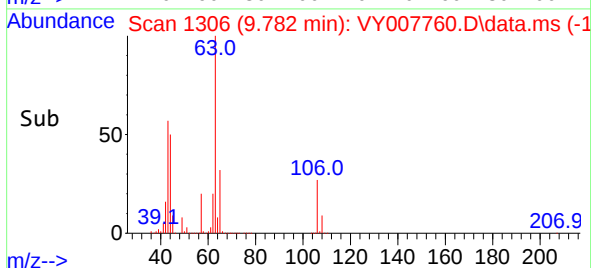
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

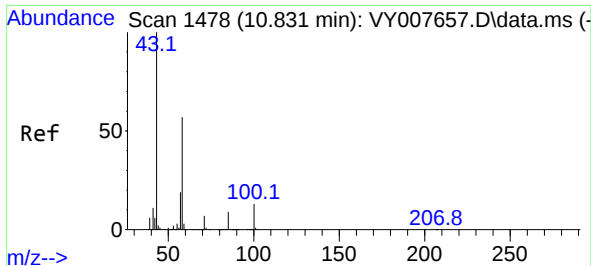


#58
2-Chloroethyl Vinyl ether
Concen: 262.864 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



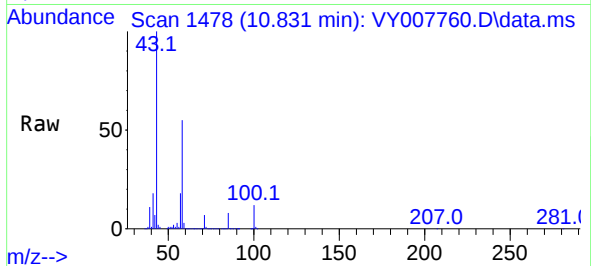
Tgt Ion: 63 Resp: 581422
Ion Ratio Lower Upper
63 100
106 27.6 21.5 32.3





#59
2-Hexanone
Concen: 283.791 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

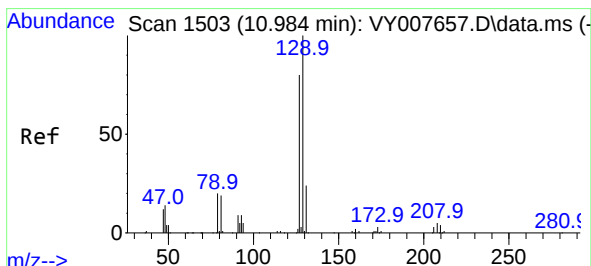
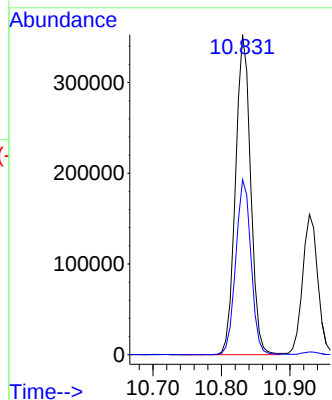
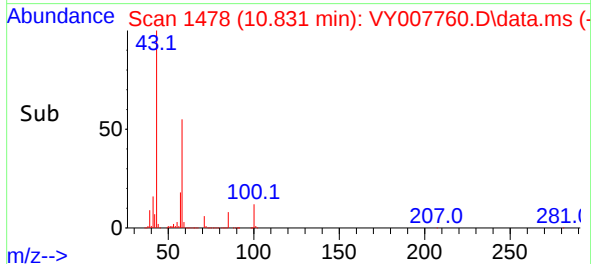
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



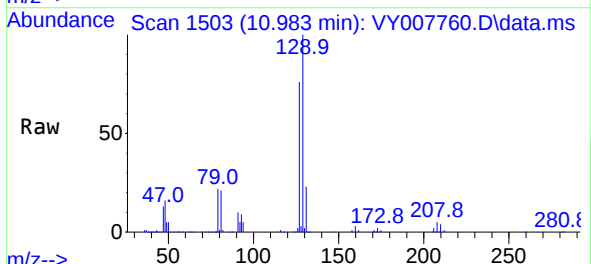
Tgt Ion: 43 Resp: 542909
Ion Ratio Lower Upper
43 100
58 55.1 24.4 73.4

Manual Integrations
APPROVED

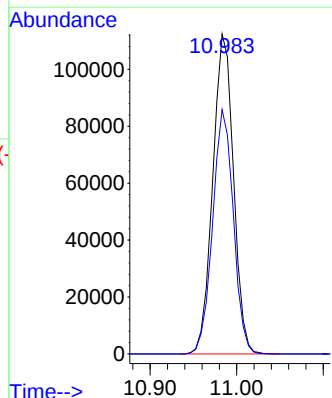
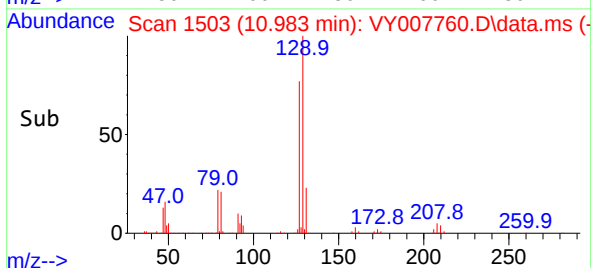
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

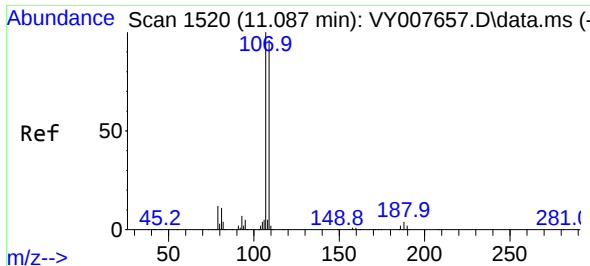


#60
Dibromochloromethane
Concen: 51.322 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



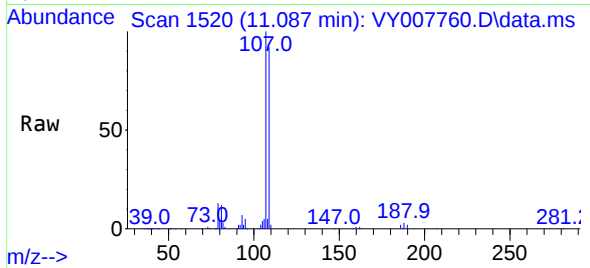
Tgt Ion:129 Resp: 186688
Ion Ratio Lower Upper
129 100
127 76.3 38.7 116.1





#61
1,2-Dibromoethane
Concen: 49.021 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

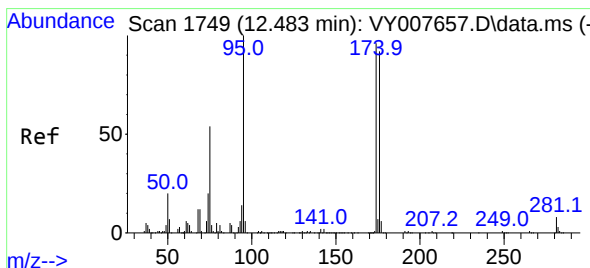
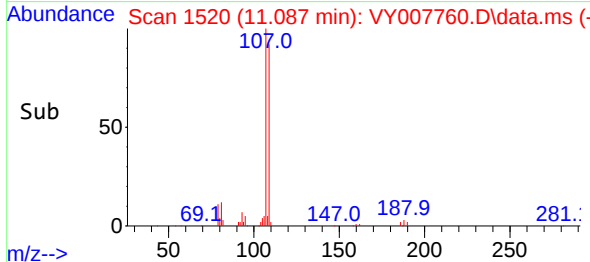
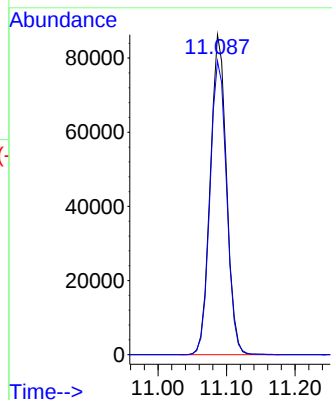
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 142740
Ion Ratio Lower Upper
107 100
109 93.8 75.4 113.2

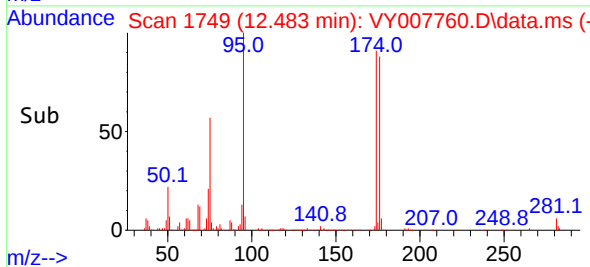
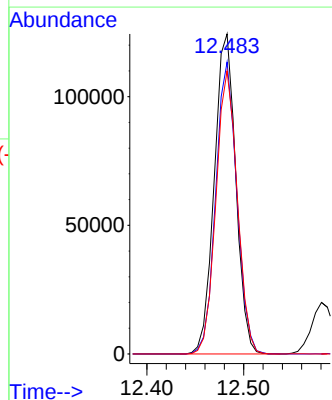
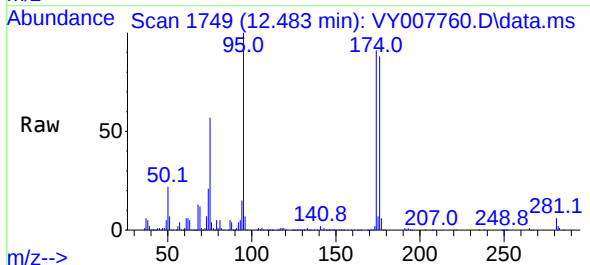
Manual Integrations
APPROVED

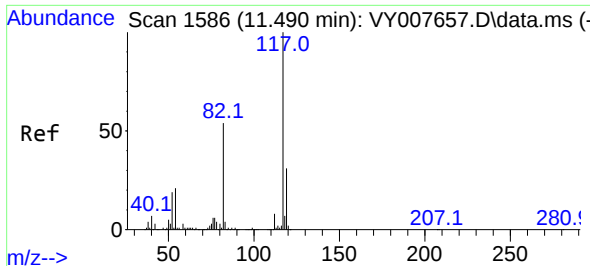
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022



#62
4-Bromofluorobenzene
Concen: 48.899 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

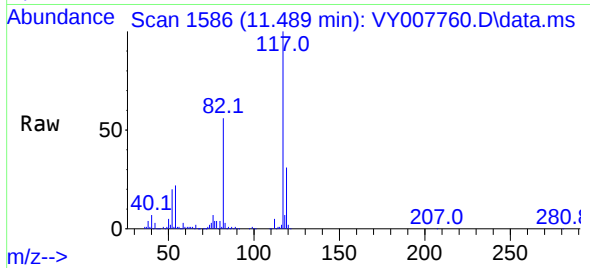
Tgt Ion: 95 Resp: 191717
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.0
176 87.7 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

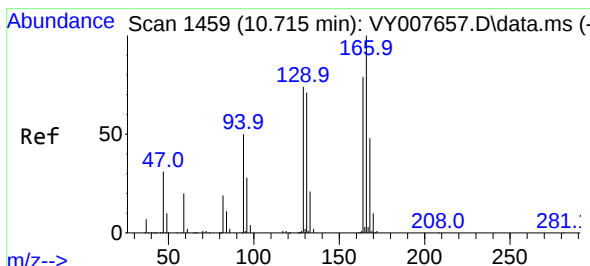
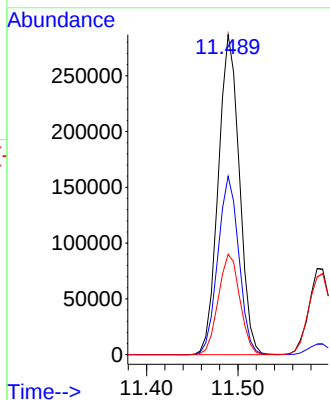
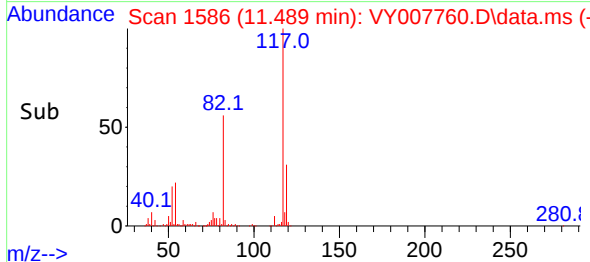
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



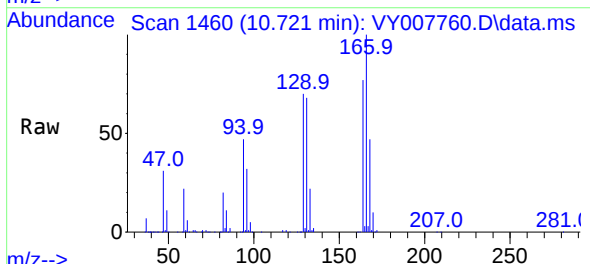
Tgt Ion:117 Resp: 46017
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 31.4 25.4 38.0

Manual Integrations
APPROVED

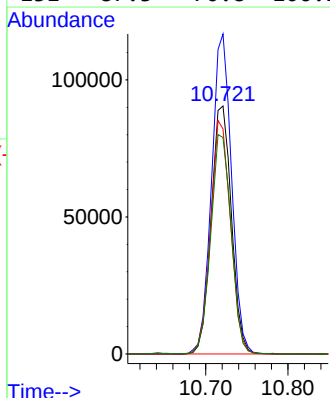
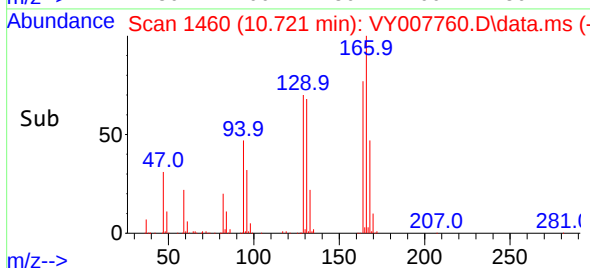
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

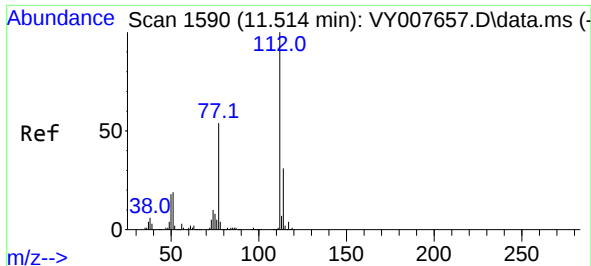


#64
Tetrachloroethene
Concen: 45.604 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



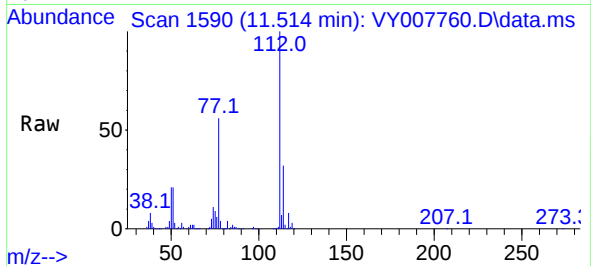
Tgt Ion:164 Resp: 155555
Ion Ratio Lower Upper
164 100
166 129.1 100.4 150.6
129 90.7 71.4 107.0
131 87.3 70.8 106.2





#65
Chlorobenzene
Concen: 48.044 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

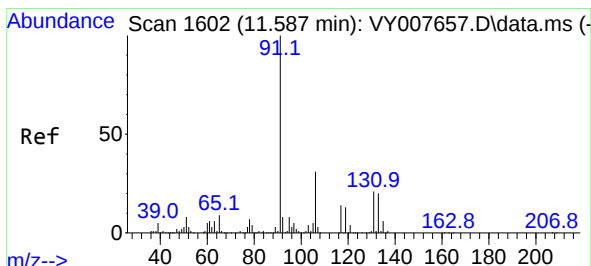
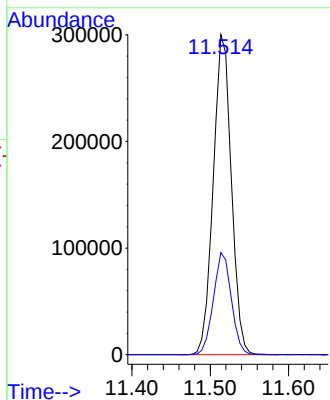
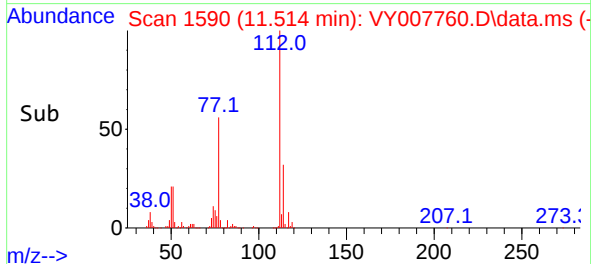
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



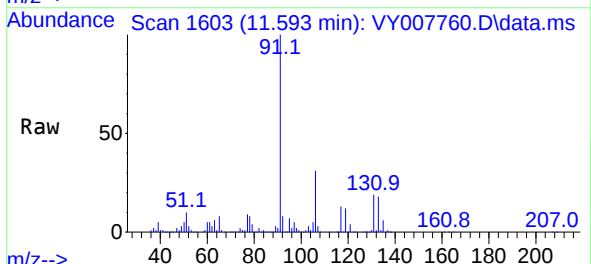
Tgt Ion:112 Resp: 481669
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6

Manual Integrations
APPROVED

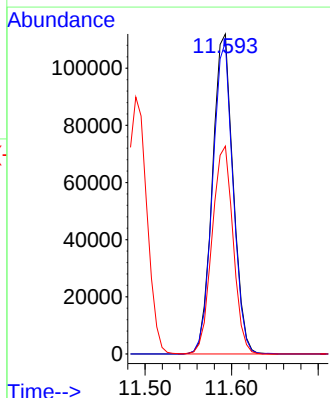
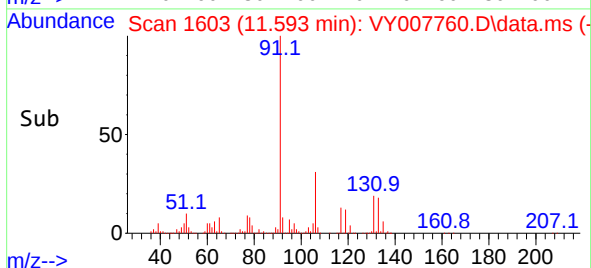
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

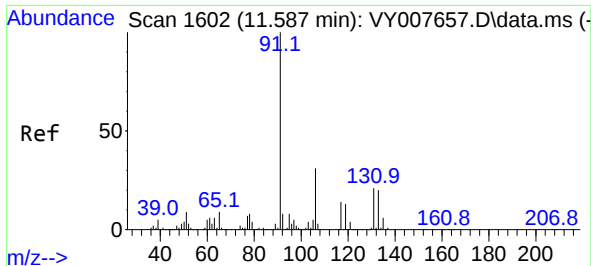


#66
1,1,1,2-Tetrachloroethane
Concen: 49.573 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



Tgt Ion:131 Resp: 185854
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 65.9 30.8 92.3





#67

Ethyl Benzene

Concen: 48.976 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY007760.D

Acq: 07 Mar 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 88547

Ion Ratio Lower Upper

91 100

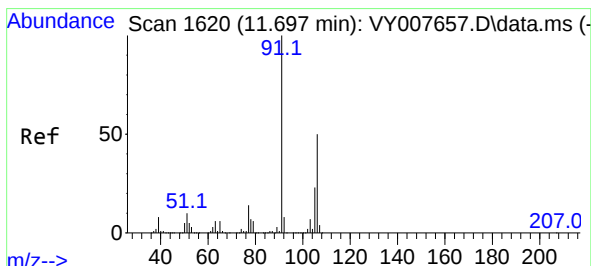
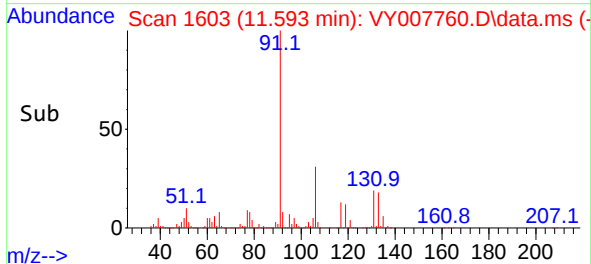
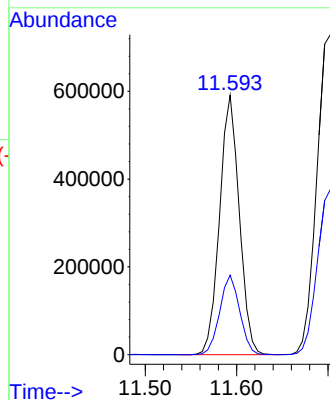
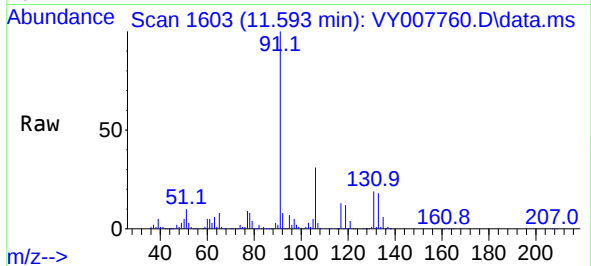
106 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2022

Supervised By :Mahesh Dadoda 03/08/2022



#68

m/p-Xylenes

Concen: 98.202 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY007760.D

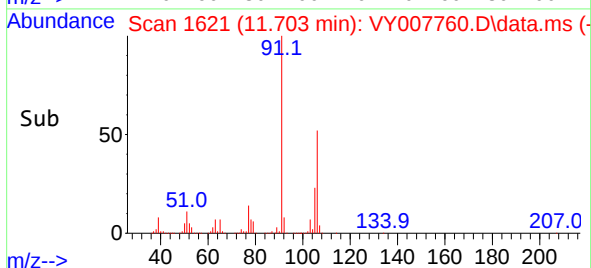
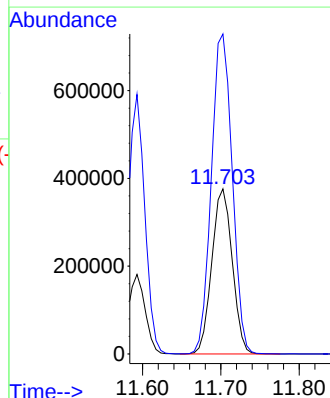
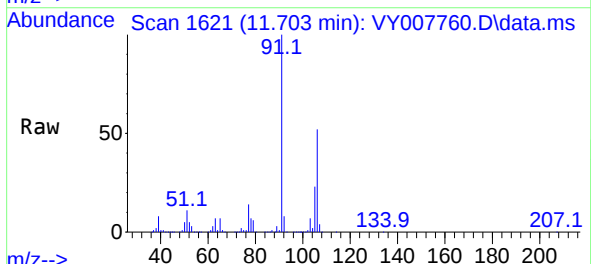
Acq: 07 Mar 2022 14:37

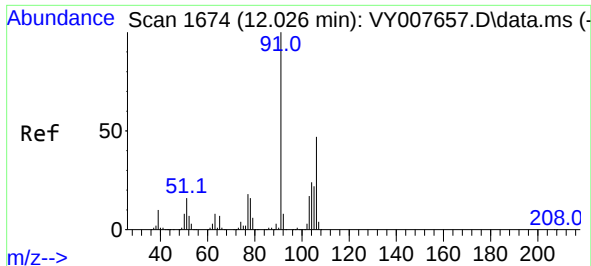
Tgt Ion:106 Resp: 681241

Ion Ratio Lower Upper

106 100

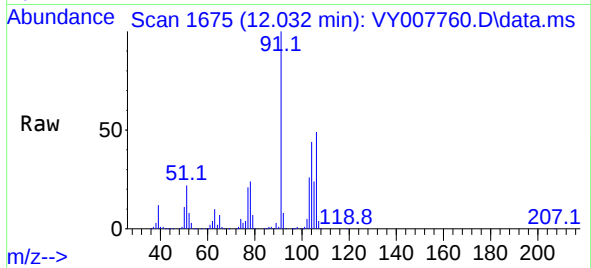
91 198.2 166.6 249.8





#69
o-Xylene
Concen: 49.621 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

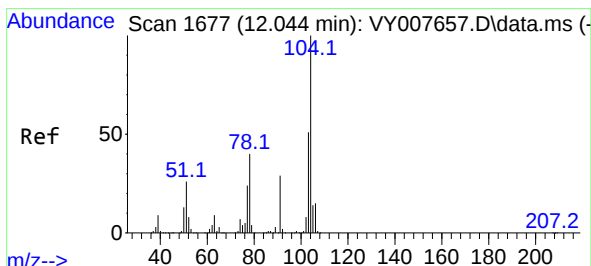
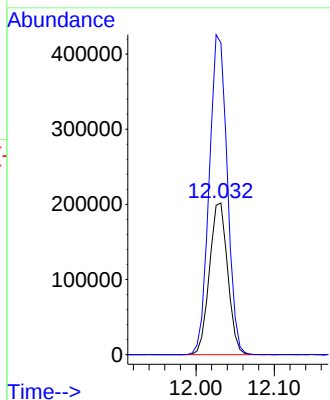
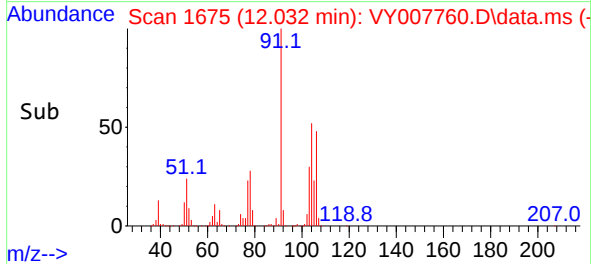
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 326197
Ion Ratio Lower Upper
106 100
91 208.6 110.3 331.0

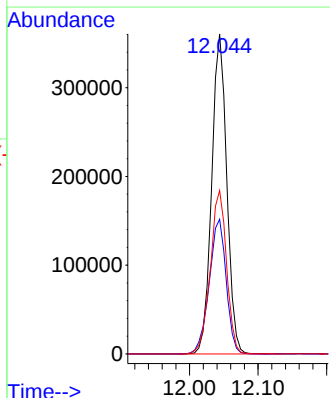
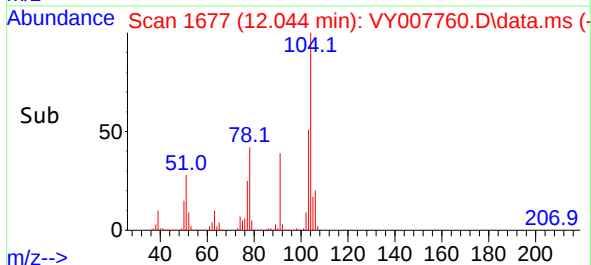
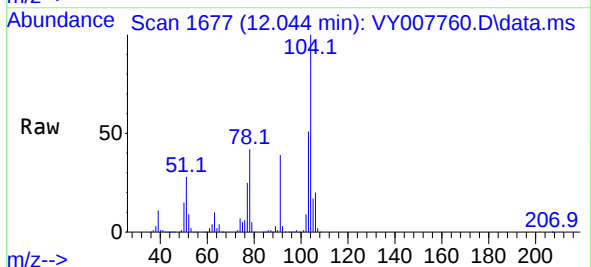
Manual Integrations
APPROVED

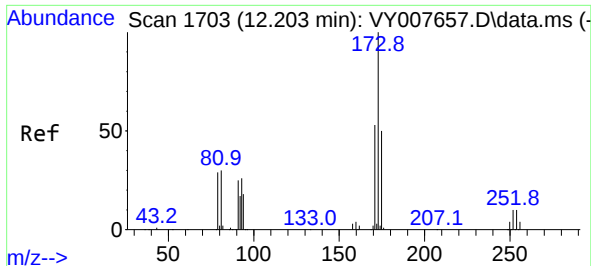
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022



#70
Styrene
Concen: 50.187 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

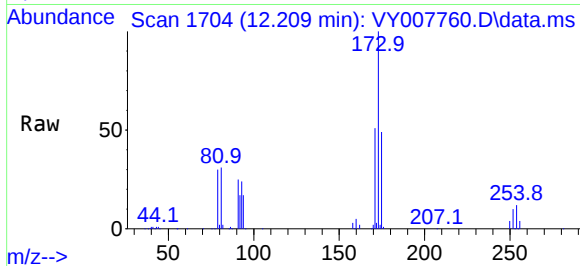
Tgt Ion:104 Resp: 552422
Ion Ratio Lower Upper
104 100
78 47.2 42.4 63.6
103 55.1 44.4 66.6





#71
Bromoform
Concen: 50.537 ug/l
RT: 12.209 min Scan# 11797
Delta R.T. 0.006 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

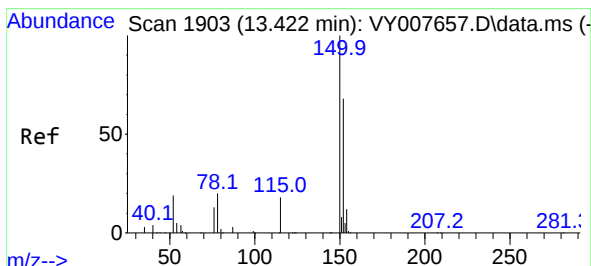
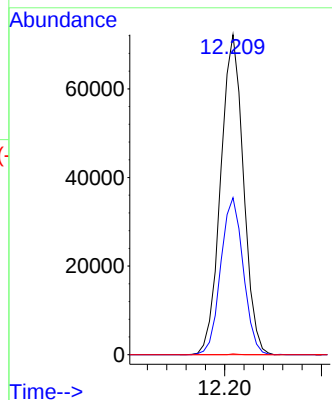
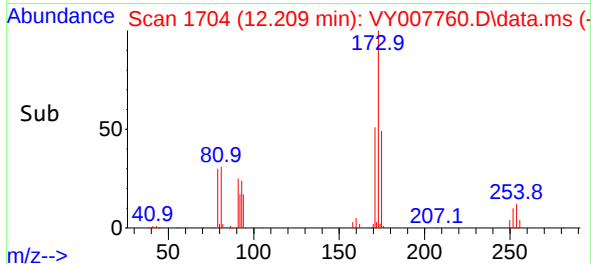
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



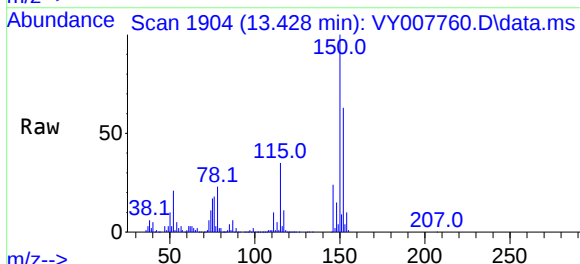
Tgt Ion:173 Resp: 11797
Ion Ratio Lower Upper
173 100
175 48.5 24.6 74.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

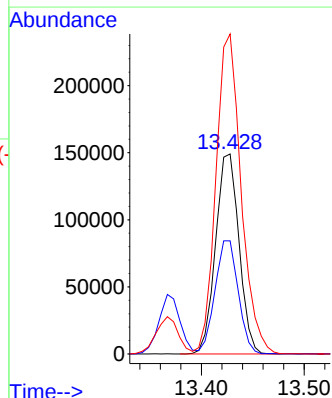
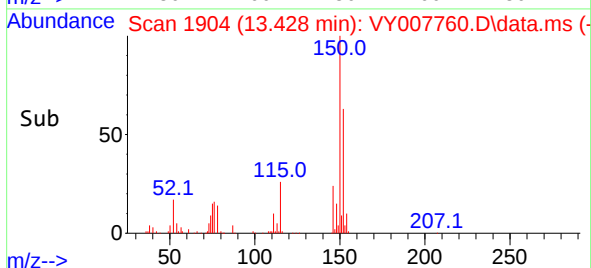
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

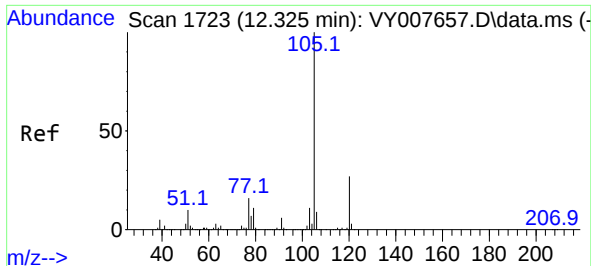


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



Tgt Ion:152 Resp: 235558
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 172.3 0.0 347.6





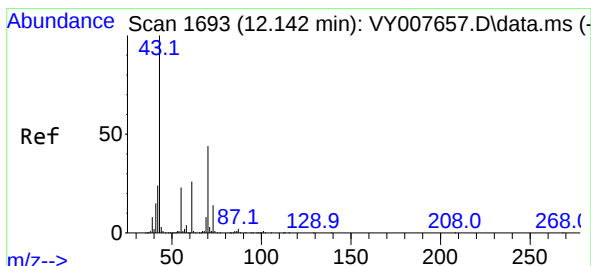
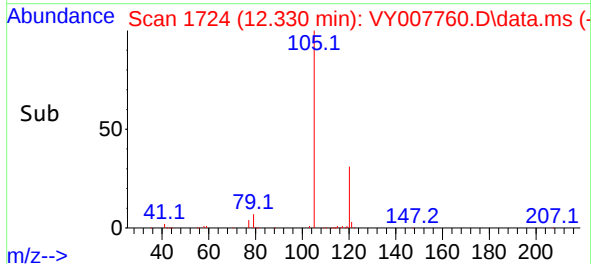
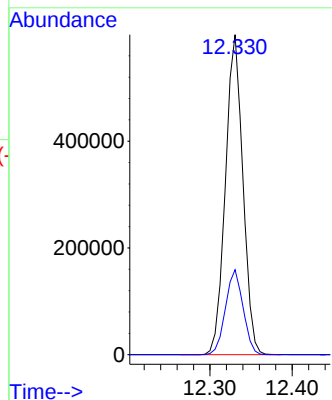
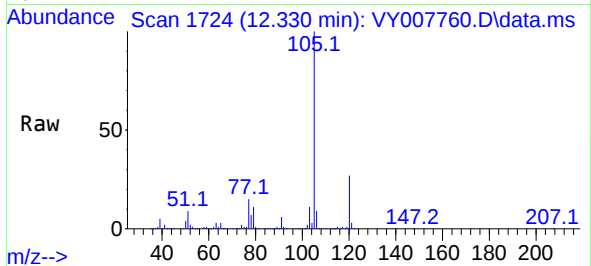
#73
Isopropylbenzene
Concen: 48.261 ug/l
RT: 12.330 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 885650
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

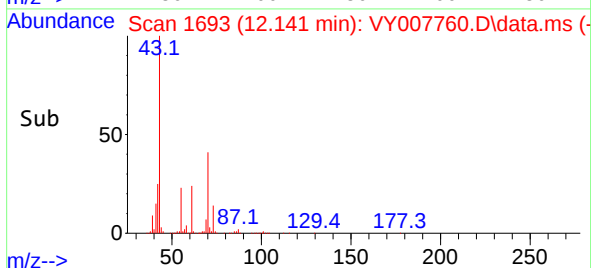
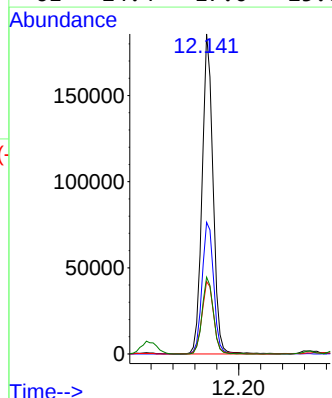
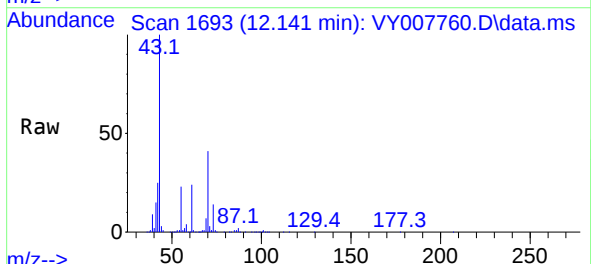
Manual Integrations
APPROVED

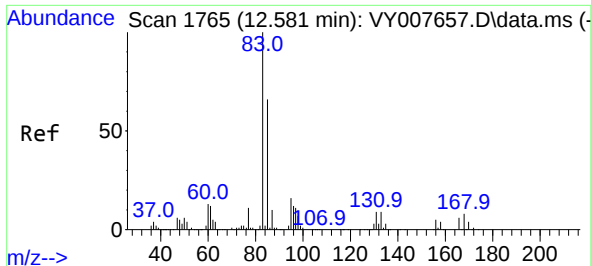
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022



#74
N-amy1 acetate
Concen: 52.820 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

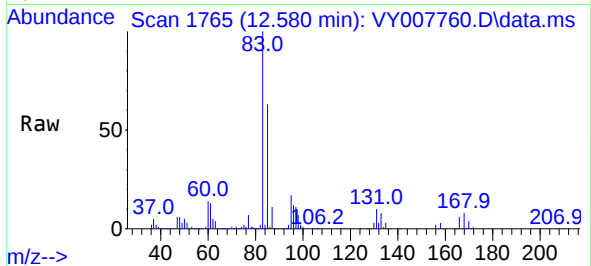
Tgt Ion: 43 Resp: 258029
Ion Ratio Lower Upper
43 100
70 43.5 28.7 43.1#
55 24.2 17.3 25.9
61 24.4 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 49.950 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

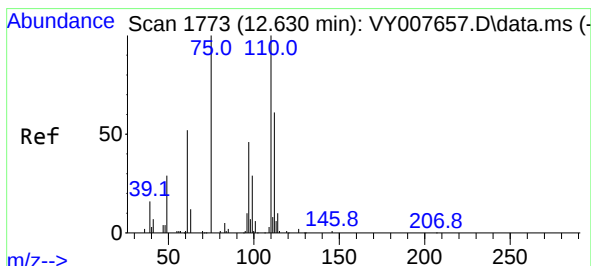
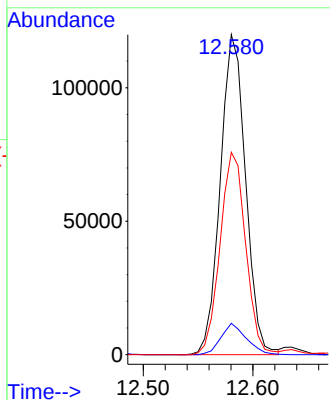
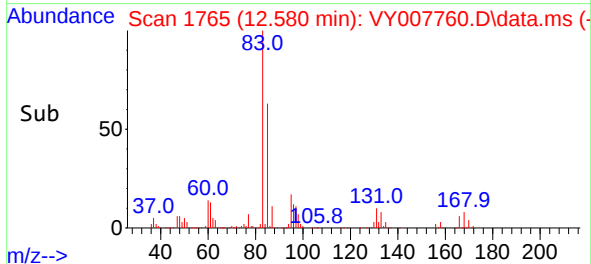
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



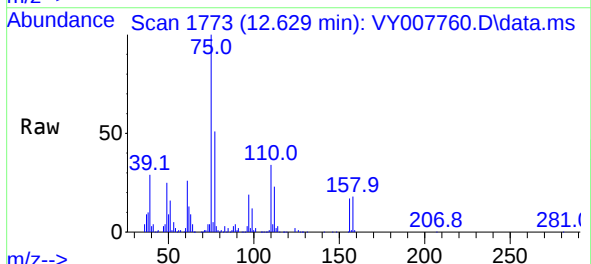
Tgt Ion: 83 Resp: 19225
Ion Ratio Lower Upper
83 100
131 9.8 5.6 16.8
85 63.9 32.3 96.8

Manual Integrations
APPROVED

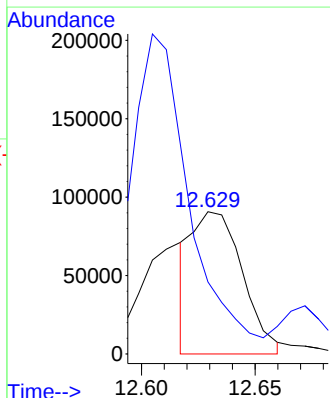
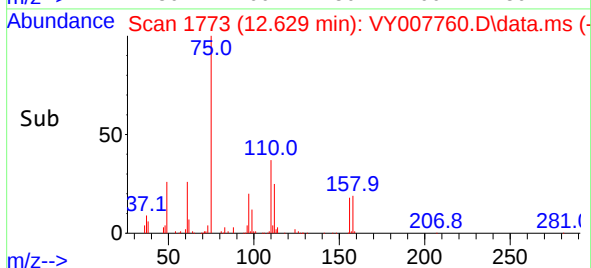
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

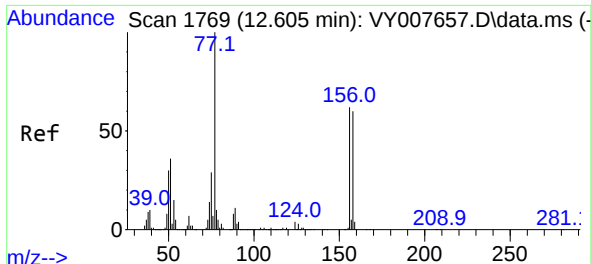


#76
1,2,3-Trichloropropane
Concen: 53.509 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



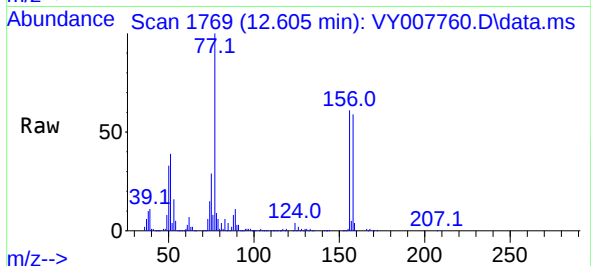
Tgt Ion: 75 Resp: 140761
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 46.894 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

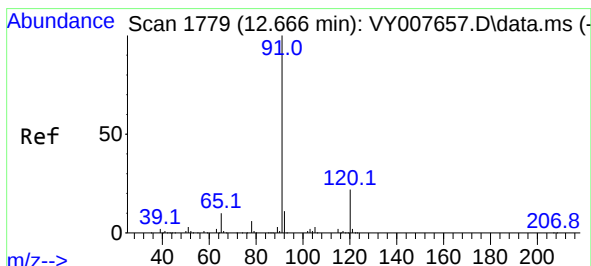
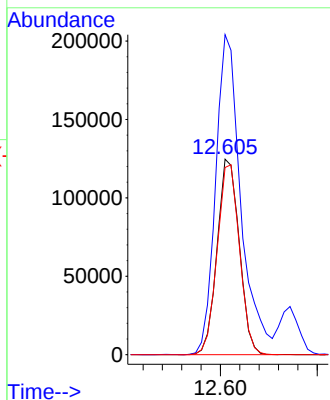
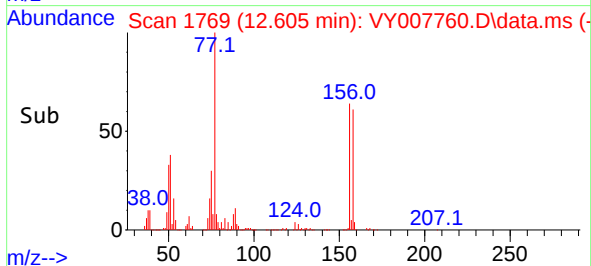
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



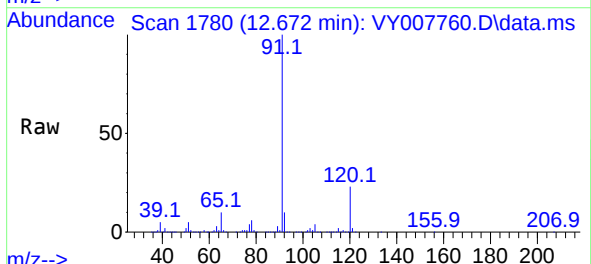
Tgt Ion:156 Resp: 198220
Ion Ratio Lower Upper
156 100
77 186.2 95.5 286.4
158 97.9 48.0 144.0

Manual Integrations
APPROVED

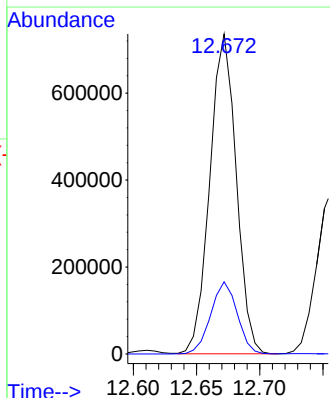
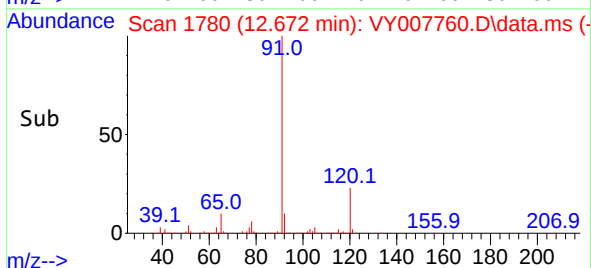
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

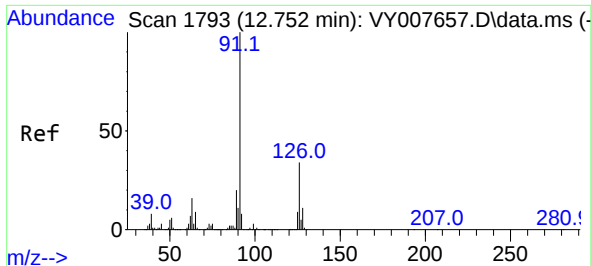


#78
n-propylbenzene
Concen: 48.233 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



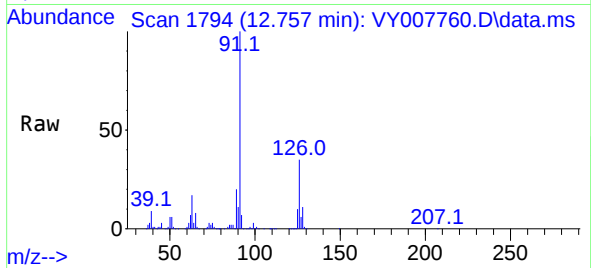
Tgt Ion: 91 Resp: 1068086
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9





#79
2-Chlorotoluene
Concen: 48.464 ug/l
RT: 12.757 min Scan# 1793
Delta R.T. 0.005 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

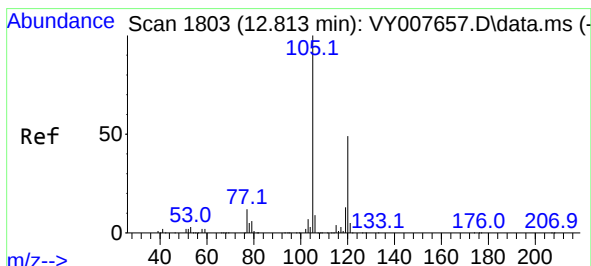
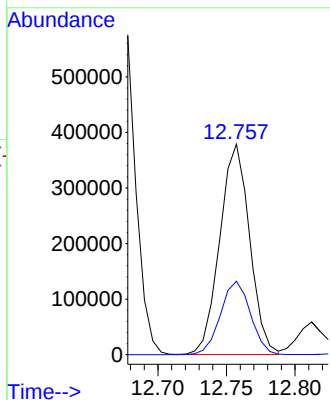
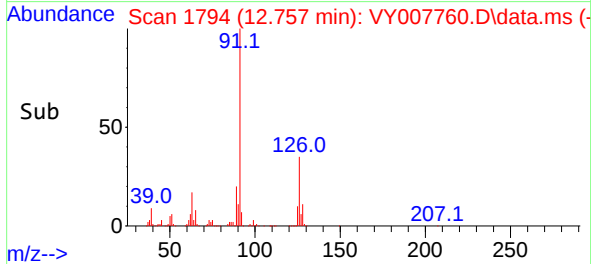
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



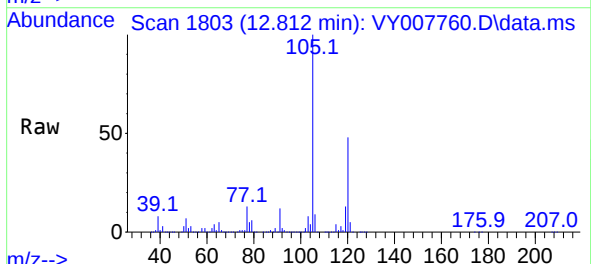
Tgt Ion: 91 Resp: 574270
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.6

Manual Integrations
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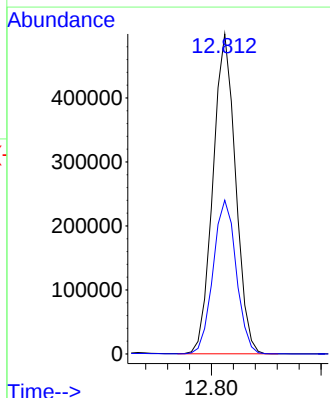
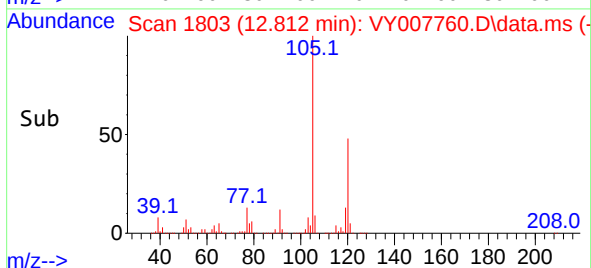
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

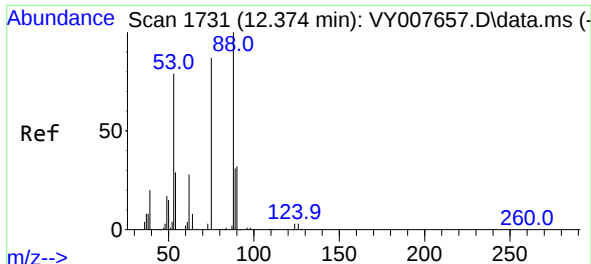


#80
1,3,5-Trimethylbenzene
Concen: 48.830 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



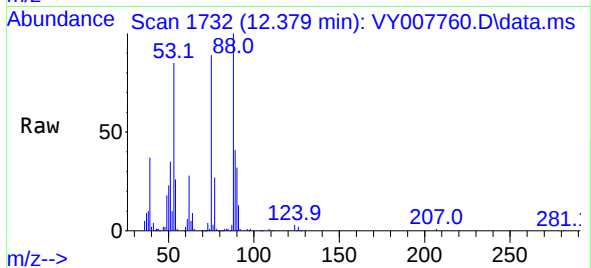
Tgt Ion:105 Resp: 716525
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 50.073 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.005 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

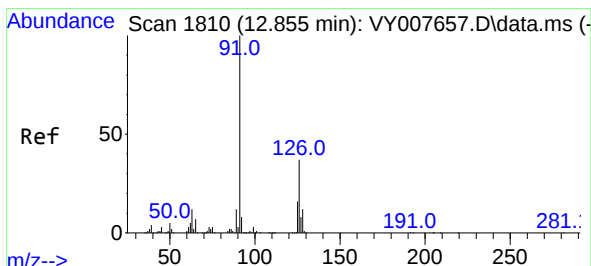
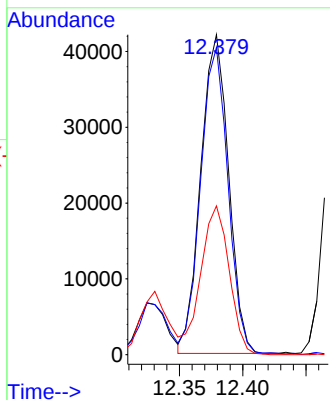
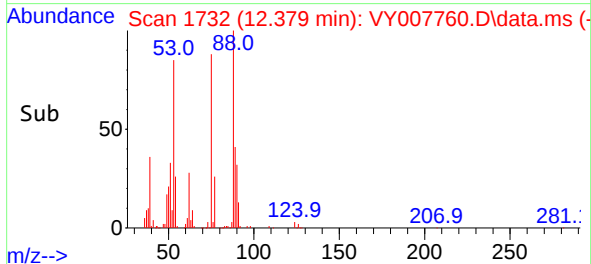
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



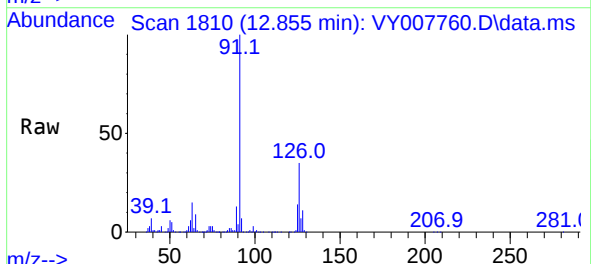
Tgt Ion: 75 Resp: 64432
Ion Ratio Lower Upper
75 100
53 95.2 85.3 127.9
89 47.9 37.0 55.4

Manual Integrations
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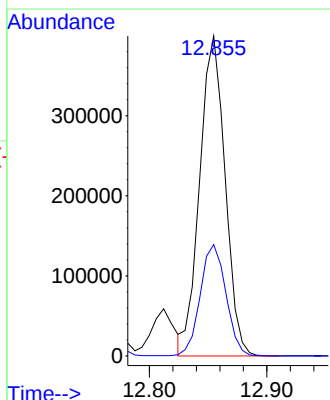
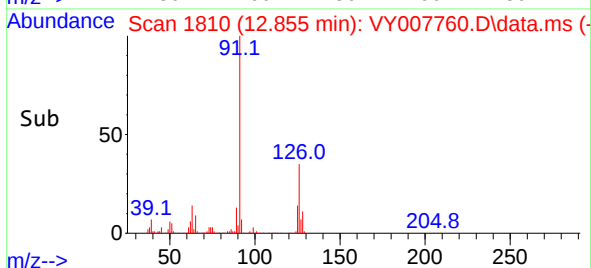
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

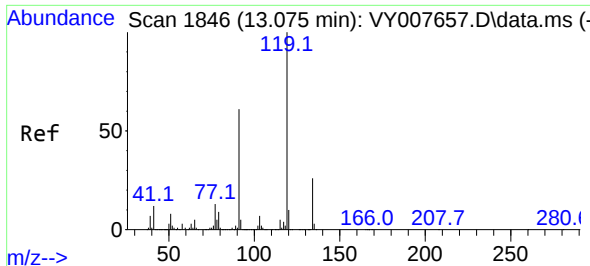


#82
4-Chlorotoluene
Concen: 49.254 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



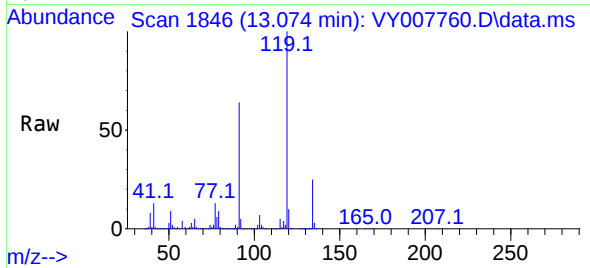
Tgt Ion: 91 Resp: 600324
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0





#83
tert-Butylbenzene
Concen: 48.085 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

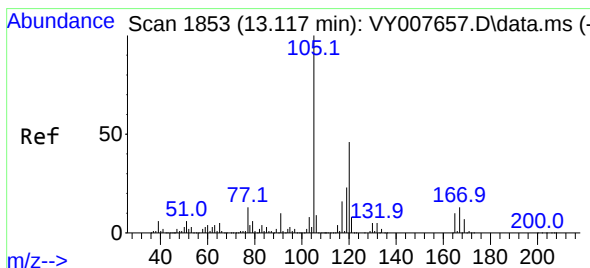
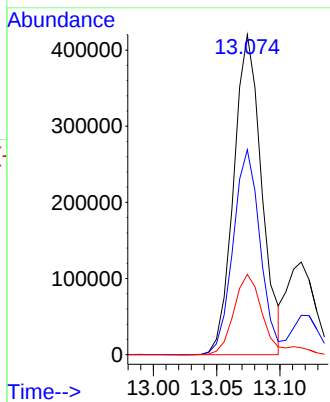
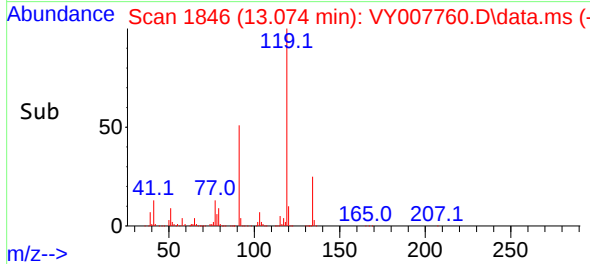
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



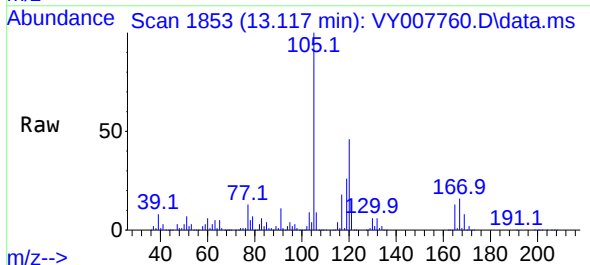
Tgt Ion:119 Resp: 649010
Ion Ratio Lower Upper
119 100
91 61.7 34.8 104.4
134 26.8 13.3 39.9

Manual Integrations
APPROVED

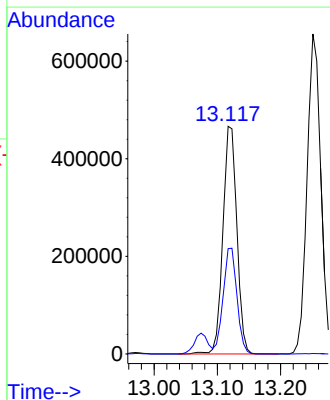
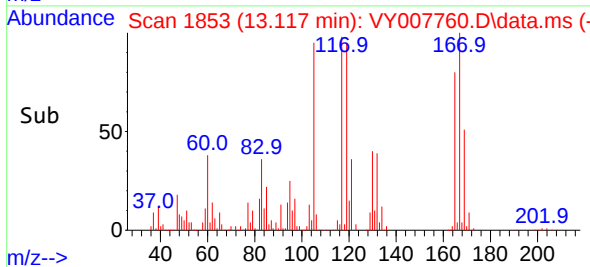
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

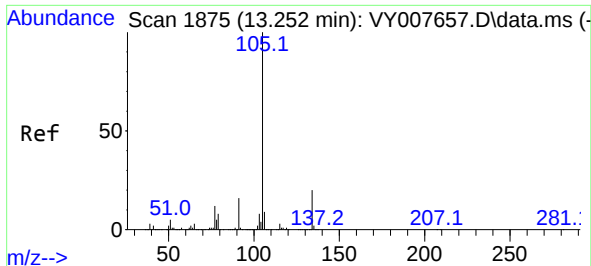


#84
1,2,4-Trimethylbenzene
Concen: 49.227 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



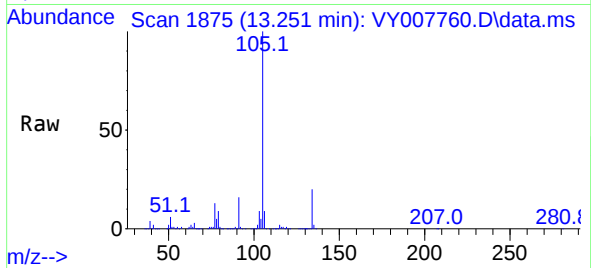
Tgt Ion:105 Resp: 711516
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 49.159 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY007760.D
 Acq: 07 Mar 2022 14:37

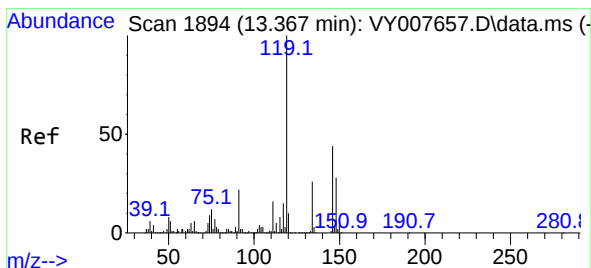
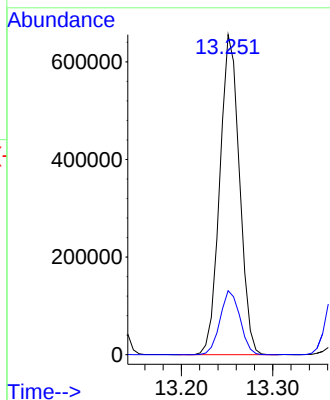
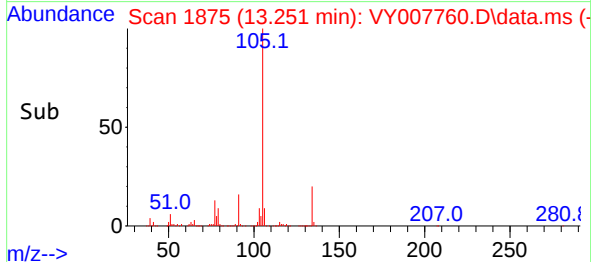
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



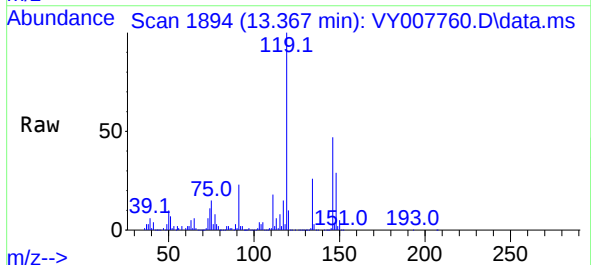
Tgt Ion:105 Resp: 981529
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

Manual Integrations
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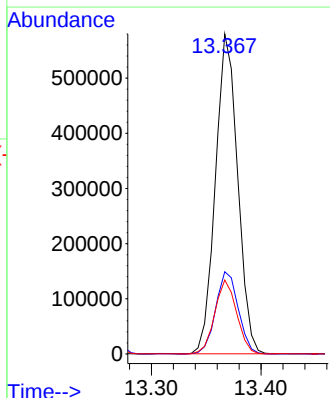
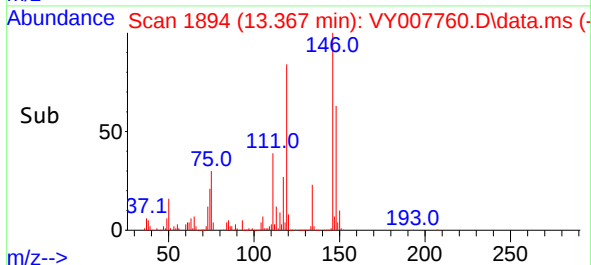
Reviewed By :John Carlone 03/08/2022
 Supervised By :Mahesh Dadoda 03/08/2022

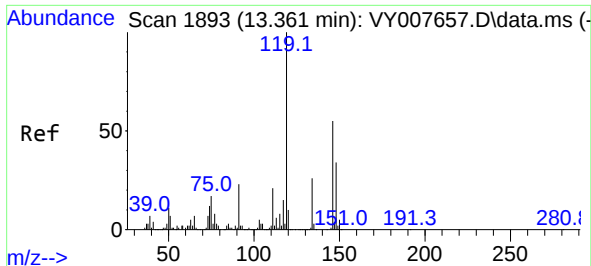


#86
 p-Isopropyltoluene
 Concen: 49.604 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY007760.D
 Acq: 07 Mar 2022 14:37



Tgt Ion:119 Resp: 818009
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 22.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 47.942 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY007760.D

Acq: 07 Mar 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 403260

Ion Ratio Lower Upper

146 100

111 39.1 19.5 58.5

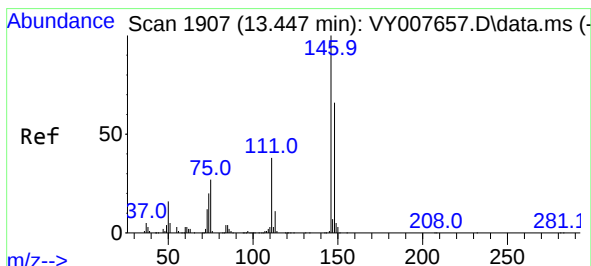
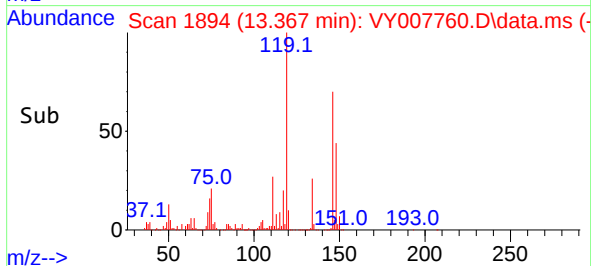
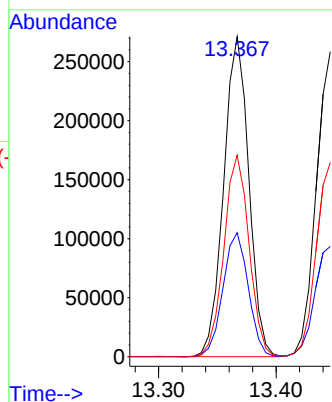
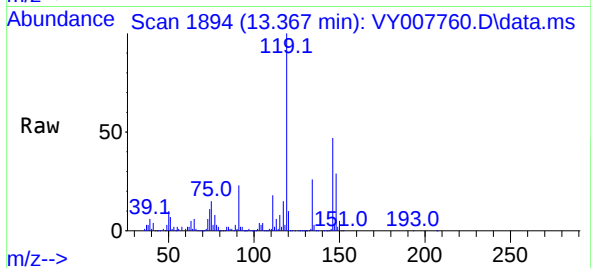
148 63.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2022

Supervised By :Mahesh Dadoda 03/08/2022



#88

1,4-Dichlorobenzene

Concen: 47.856 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY007760.D

Acq: 07 Mar 2022 14:37

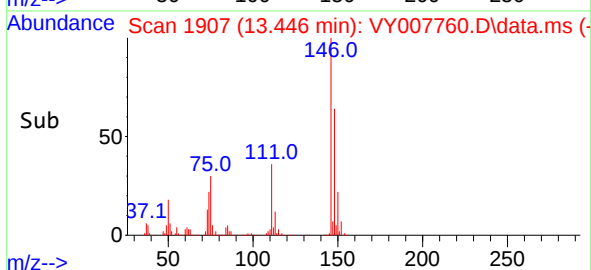
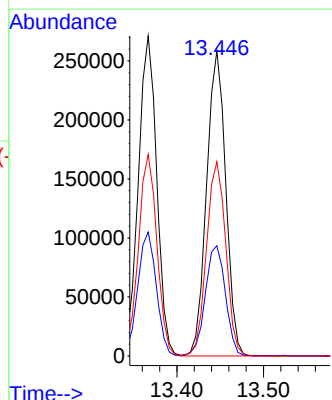
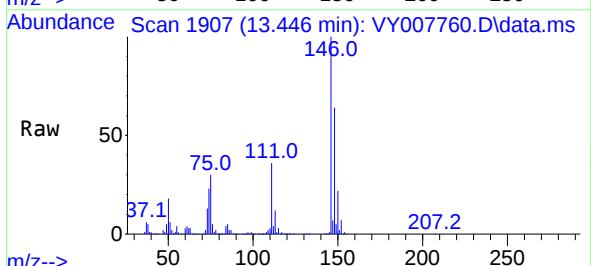
Tgt Ion:146 Resp: 397282

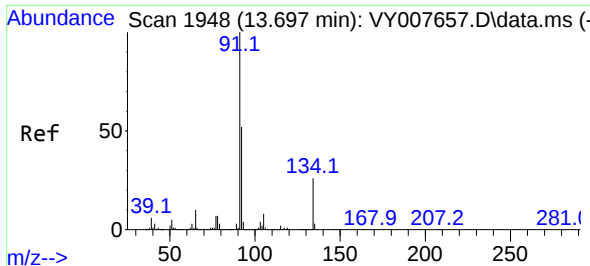
Ion Ratio Lower Upper

146 100

111 37.8 19.3 57.8

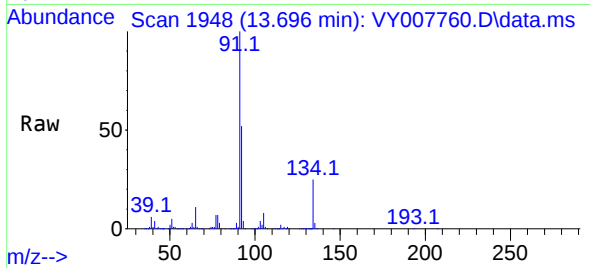
148 63.9 32.6 97.8





#89
n-Butylbenzene
Concen: 50.025 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

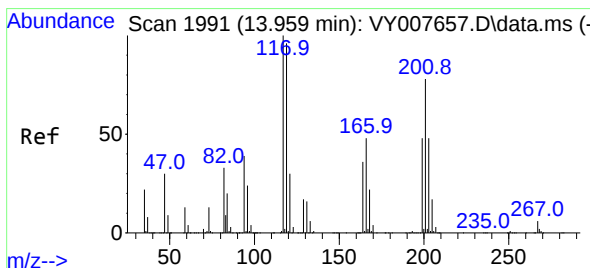
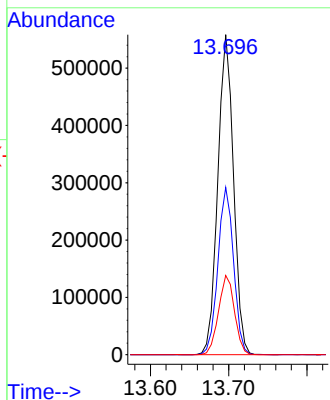
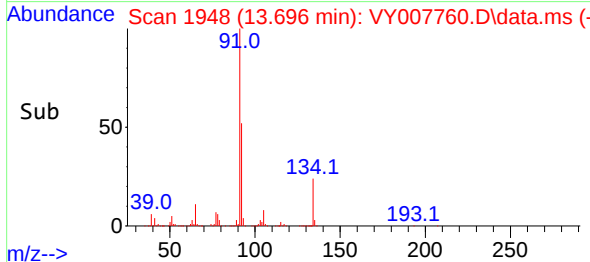
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 779685
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.9
134 25.2 13.0 38.9

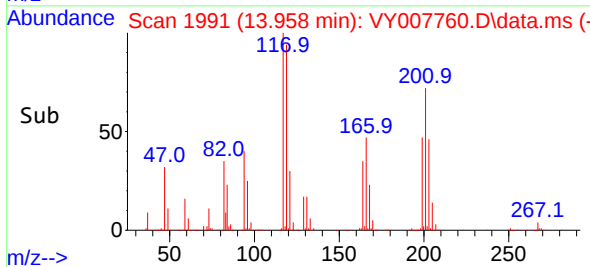
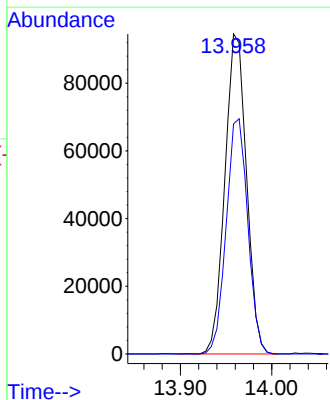
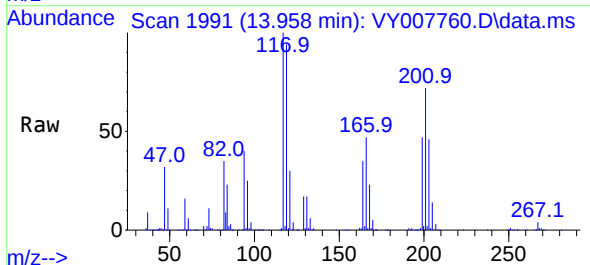
Manual Integrations
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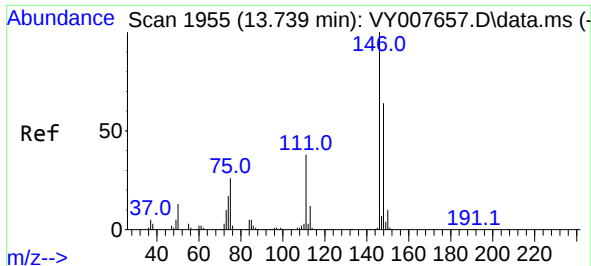
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022



#90
Hexachloroethane
Concen: 49.703 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

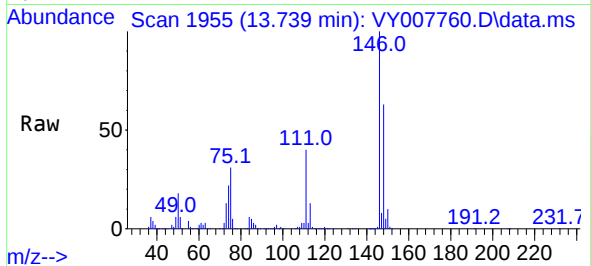
Tgt Ion:117 Resp: 155365
Ion Ratio Lower Upper
117 100
201 73.4 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 48.663 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

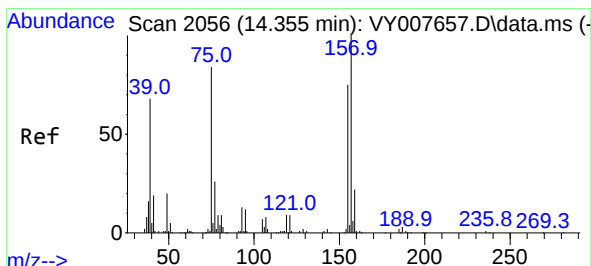
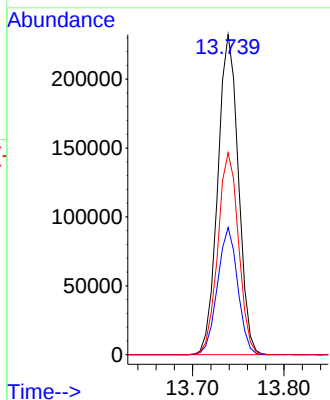
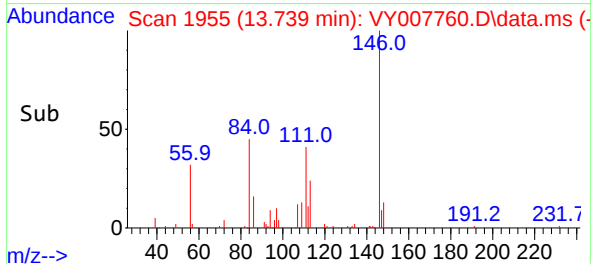
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



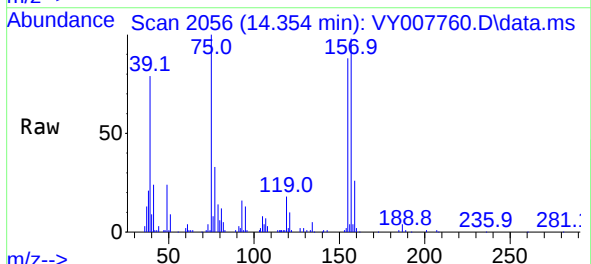
Tgt Ion:146 Resp: 36345
Ion Ratio Lower Upper
146 100
111 39.1 20.3 60.9
148 63.6 32.3 96.9

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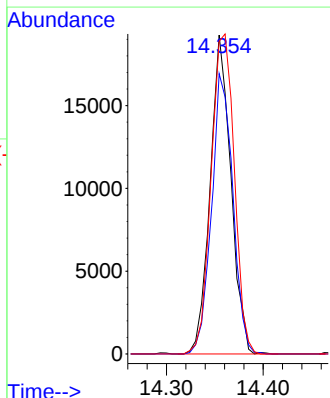
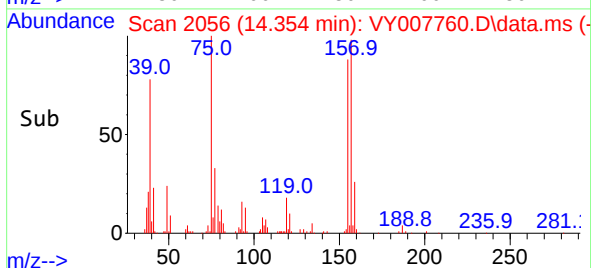
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

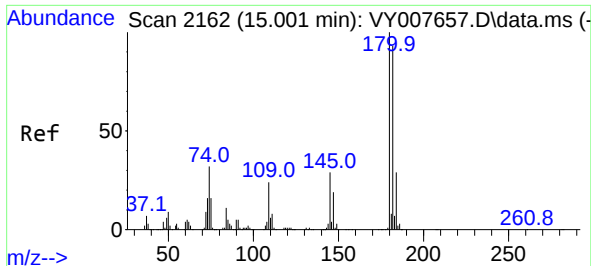


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.162 ug/l
RT: 14.354 min Scan# 2056
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



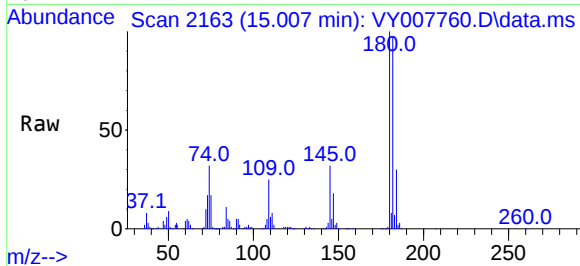
Tgt Ion: 75 Resp: 28656
Ion Ratio Lower Upper
75 100
155 90.4 38.0 113.9
157 112.2 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 48.146 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

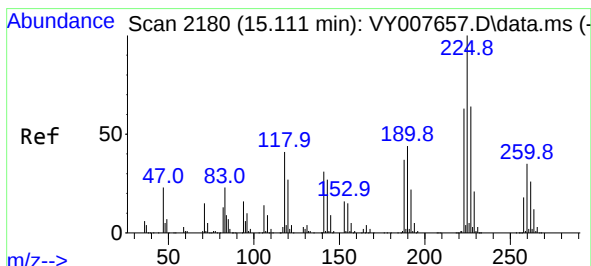
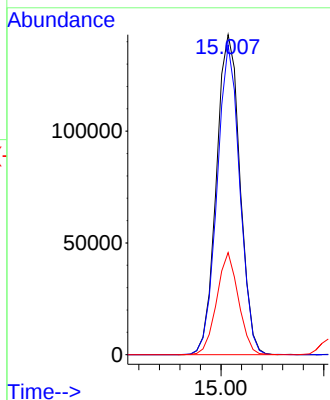
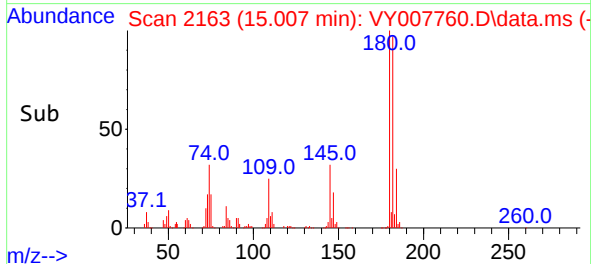
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



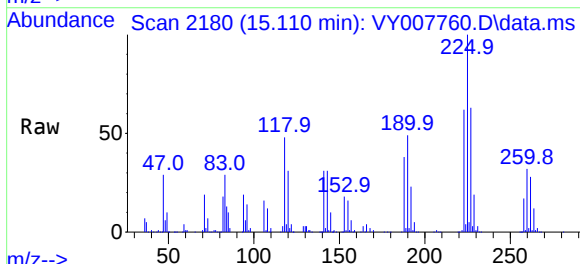
Tgt Ion:180 Resp: 227658
Ion Ratio Lower Upper
180 100
182 93.1 47.3 141.9
145 29.5 14.6 43.8

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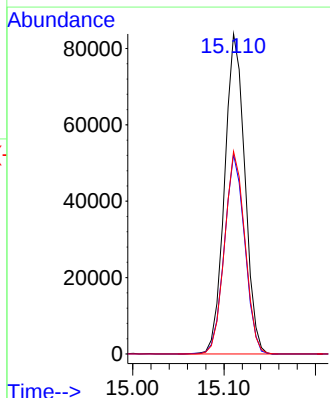
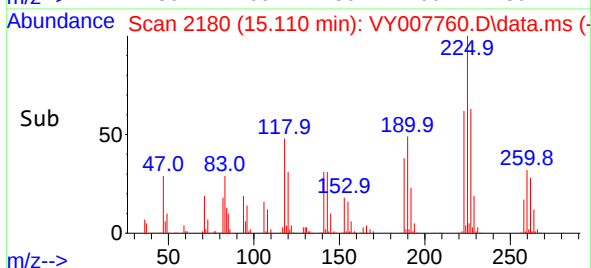
Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022

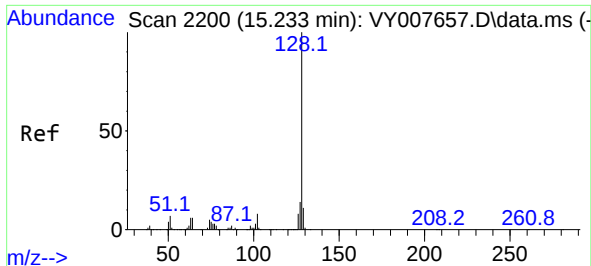


#94
Hexachlorobutadiene
Concen: 46.170 ug/l
RT: 15.110 min Scan# 2180
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37



Tgt Ion:225 Resp: 129073
Ion Ratio Lower Upper
225 100
223 62.6 30.8 92.3
227 63.5 31.6 94.7





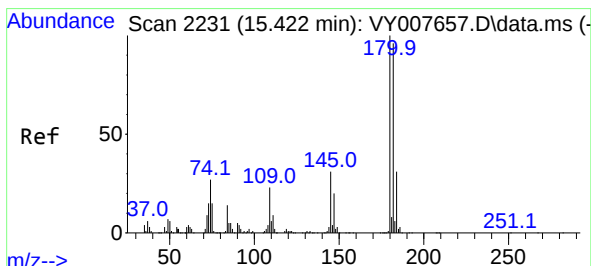
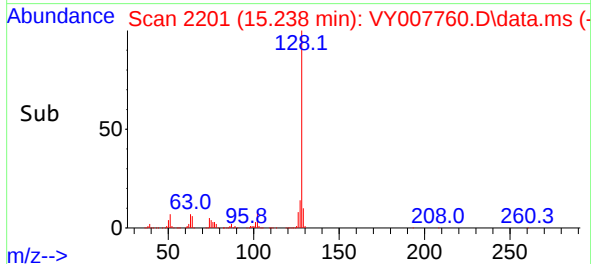
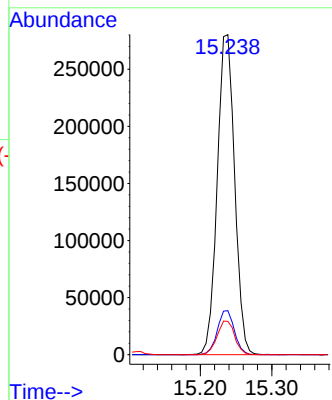
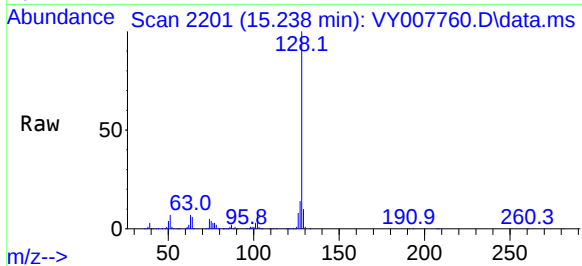
#95
Naphthalene
Concen: 49.230 ug/l
RT: 15.238 min Scan# 2111
Delta R.T. 0.005 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 473558
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 10.7 8.4 12.6

Manual Integrations
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Reviewed By :John Carlone 03/08/2022
Supervised By :Mahesh Dadoda 03/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.994 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.001 min
Lab File: VY007760.D
Acq: 07 Mar 2022 14:37

Tgt Ion:180 Resp: 198043
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 30.1 15.3 45.9

