

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007841.D
 Acq On : 11 Mar 2022 09:23
 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 03/14/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 11 23:18:46 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	230483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	376451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	347545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	125068	51.832	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.660%			
35) Dibromofluoromethane	7.716	113	123349	51.251	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.500%			
50) Toluene-d8	10.179	98	417430	47.117	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.240%			
62) 4-Bromofluorobenzene	12.483	95	150457	52.685	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	71512	47.133	ug/l	98
3) Chloromethane	2.119	50	117792	49.733	ug/l	96
4) Vinyl Chloride	2.253	62	159690	46.184	ug/l	98
5) Bromomethane	2.656	94	137715	49.279	ug/l	99
6) Chloroethane	2.796	64	124370	46.902	ug/l	99
7) Trichlorofluoromethane	3.131	101	201004	50.879	ug/l	91
8) Diethyl Ether	3.534	74	69478	54.655	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.906	101	126731	52.551	ug/l	94
10) Methyl Iodide	4.101	142	122001	41.581	ug/l	94
11) Tert butyl alcohol	4.954	59	53819	257.619	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	110063	51.424	ug/l	84
13) Acrolein	3.735	56	47307	269.232	ug/l	99
14) Allyl chloride	4.485	41	177574	55.160	ug/l #	93
15) Acrylonitrile	5.161	53	199803	297.767	ug/l	98
16) Acetone	3.948	43	144746	294.883	ug/l	96
17) Carbon Disulfide	4.198	76	253817	48.970	ug/l	99
18) Methyl Acetate	4.479	43	85647	60.856	ug/l #	88
19) Methyl tert-butyl Ether	5.228	73	372477	56.072	ug/l	98
20) Methylene Chloride	4.729	84	139274	59.962	ug/l	85
21) trans-1,2-Dichloroethene	5.228	96	130745	52.353	ug/l	82
22) Diisopropyl ether	6.125	45	467480	60.786	ug/l	96
23) Vinyl Acetate	6.064	43	1496153	307.631	ug/l	96
24) 1,1-Dichloroethane	6.021	63	261641	56.306	ug/l	99
25) 2-Butanone	6.990	43	257720	312.983	ug/l	95
26) 2,2-Dichloropropane	6.984	77	192620	46.580	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	160556	54.827	ug/l	91
28) Bromochloromethane	7.338	49	113626	57.498	ug/l #	95
29) Tetrahydrofuran	7.350	42	171635	304.631	ug/l	91
30) Chloroform	7.509	83	281899	58.556	ug/l	98
31) Cyclohexane	7.789	56	201965	54.697	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	243315	56.790	ug/l	99
36) 1,1-Dichloropropene	7.923	75	190166	50.227	ug/l	99
37) Ethyl Acetate	7.076	43	115884	55.416	ug/l	98
38) Carbon Tetrachloride	7.905	117	211244	52.305	ug/l	99
39) Methylcyclohexane	9.185	83	224039	48.149	ug/l	90
40) Benzene	8.161	78	565539	53.673	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	55437m	55.476	ug/l	
42) 1,2-Dichloroethane	8.240	62	182448	55.492	ug/l	95
43) Isopropyl Acetate	8.277	43	220563	57.034	ug/l	95
44) Trichloroethene	8.941	130	149690	51.152	ug/l	95
45) 1,2-Dichloropropane	9.216	63	150861	55.365	ug/l	96
46) Dibromomethane	9.307	93	91864	56.165	ug/l	93
47) Bromodichloromethane	9.496	83	222299	57.946	ug/l	99
48) Methyl methacrylate	9.295	41	95912	57.218	ug/l #	85
49) 1,4-Dioxane	9.301	88	20688	1047.692	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	627541	303.277	ug/l	93
52) Toluene	10.246	92	369453	54.228	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	212798	54.027	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	237658	54.614	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	127935	57.495	ug/l	98
56) Ethyl methacrylate	10.514	69	165745	56.105	ug/l	88
57) 1,3-Dichloropropane	10.795	76	212142	56.379	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	398882	247.583	ug/l	98
59) 2-Hexanone	10.831	43	426567	306.123	ug/l	92
60) Dibromochloromethane	10.990	129	155600	58.727	ug/l	100
61) 1,2-Dibromoethane	11.093	107	117981	55.627	ug/l	99
64) Tetrachloroethene	10.721	164	124846	48.462	ug/l	97
65) Chlorobenzene	11.520	112	403331	53.267	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	159481	56.324	ug/l	98
67) Ethyl Benzene	11.593	91	735531	53.866	ug/l	99
68) m/p-Xylenes	11.703	106	569259	108.652	ug/l	93
69) o-Xylene	12.032	106	279652	56.326	ug/l	90
70) Styrene	12.044	104	472283	56.811	ug/l	95
71) Bromoform	12.209	173	100399	56.946	ug/l #	97
73) Isopropylbenzene	12.331	105	744254	52.464	ug/l	99
74) N-amyl acetate	12.142	43	202251	53.558	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	162274	54.540	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	117083m	57.576	ug/l	
77) Bromobenzene	12.611	156	171199	52.394	ug/l	95
78) n-propylbenzene	12.672	91	904484	52.838	ug/l	99
79) 2-Chlorotoluene	12.758	91	484189	52.859	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	597149	52.644	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	47551	47.804	ug/l	94
82) 4-Chlorotoluene	12.855	91	505559	53.657	ug/l	97
83) tert-Butylbenzene	13.075	119	543319	52.073	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	602746	53.946	ug/l	97
85) sec-Butylbenzene	13.258	105	831899	53.899	ug/l	100
86) p-Isopropyltoluene	13.373	119	689457	54.084	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	349929	53.817	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	345794	53.884	ug/l	98
89) n-Butylbenzene	13.696	91	651488	54.073	ug/l	98
90) Hexachloroethane	13.965	117	133464	55.233	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	312197	54.073	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24716	54.853	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	181068	49.537	ug/l	99
94) Hexachlorobutadiene	15.111	225	105321	48.735	ug/l	97
95) Naphthalene	15.239	128	380929	51.228	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	162814	49.978	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

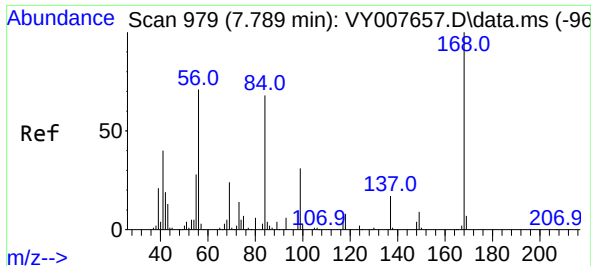
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

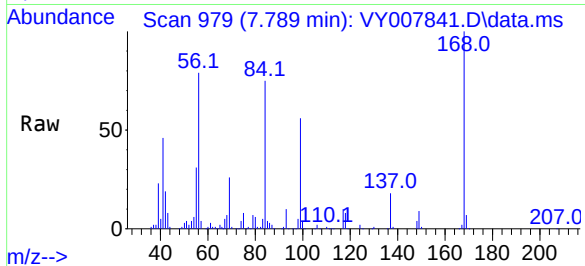
Quant Time: Mar 11 23:18:46 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

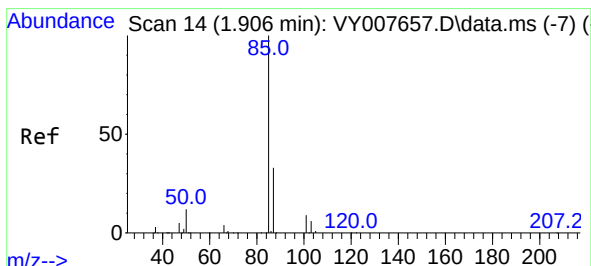
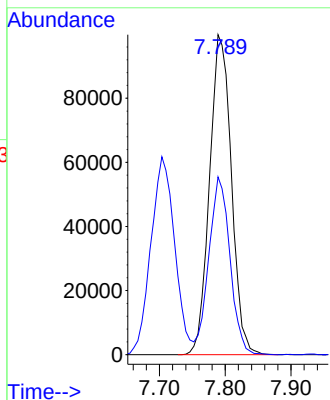
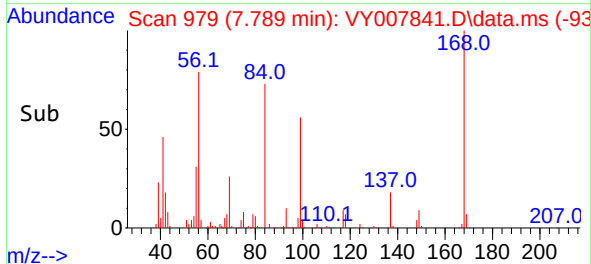
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 23048
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3

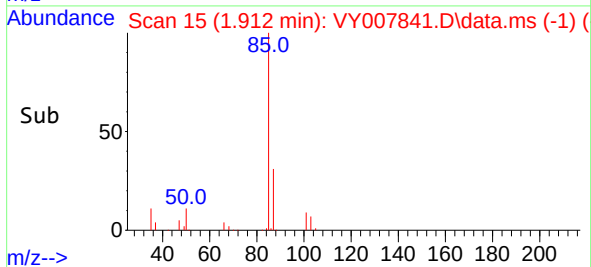
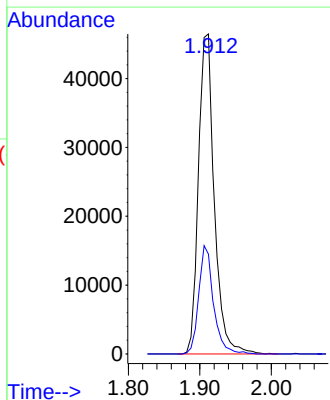
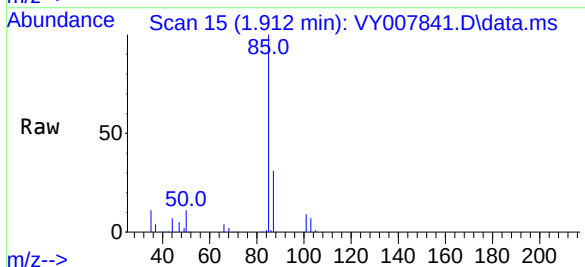
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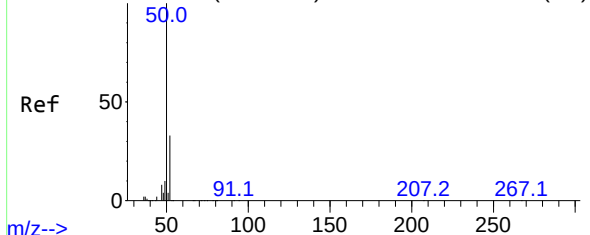


#2
Dichlorodifluoromethane
Concen: 47.133 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Tgt Ion: 85 Resp: 71512
Ion Ratio Lower Upper
85 100
87 31.2 16.1 48.2



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



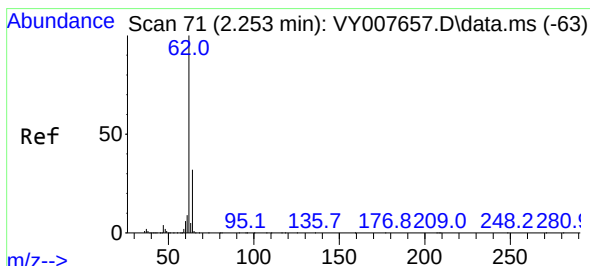
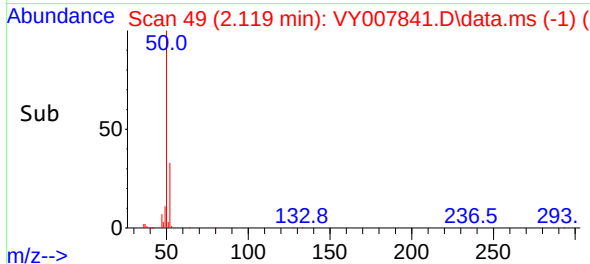
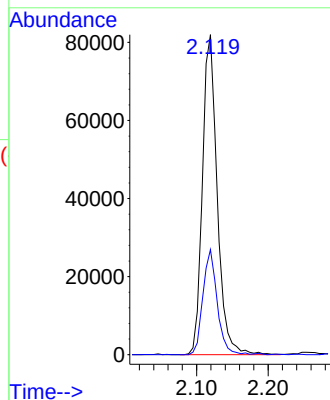
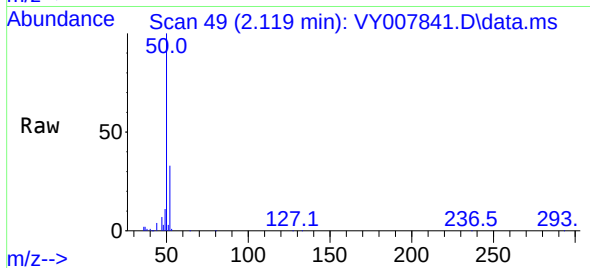
#3
Chloromethane
Concen: 49.733 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 117792
Ion Ratio Lower Upper
50 100
52 32.9 24.6 37.0

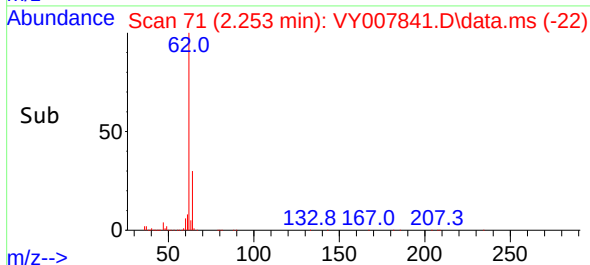
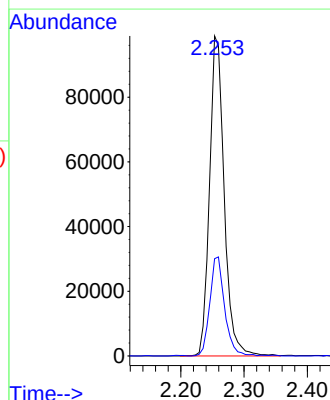
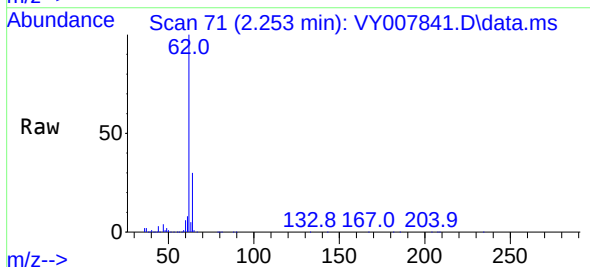
Manual Integrations
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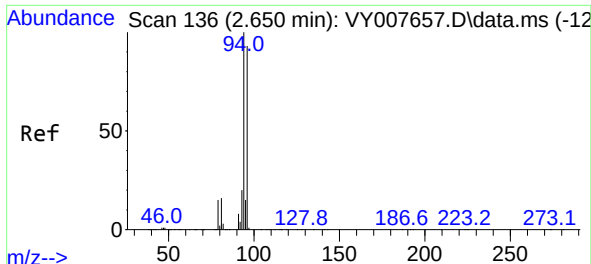
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#4
Vinyl Chloride
Concen: 46.184 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

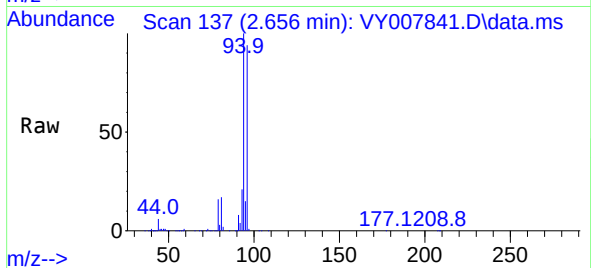
Tgt Ion: 62 Resp: 159690
Ion Ratio Lower Upper
62 100
64 30.3 25.0 37.6





#5
Bromomethane
Concen: 49.279 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

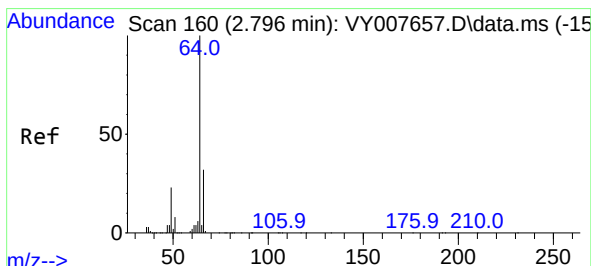
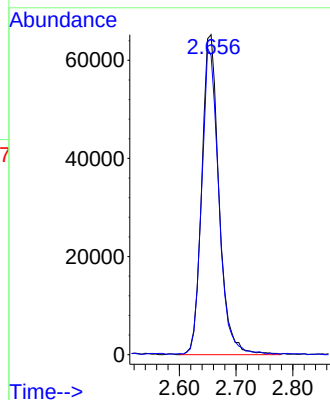
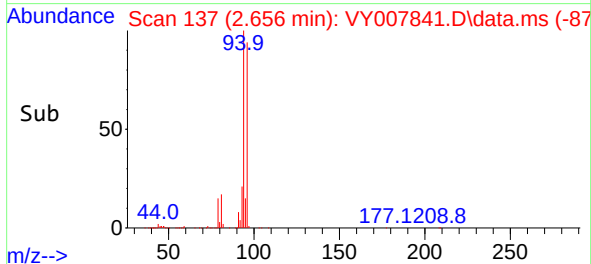
Instrument :
MSVOA_Y
ClientSampleId :
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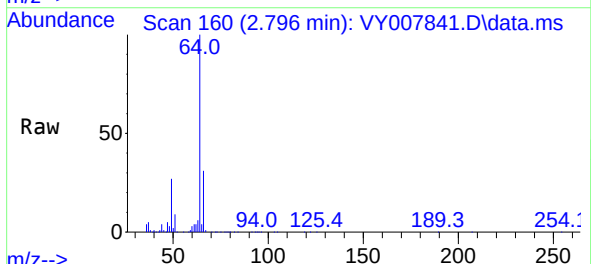
Tgt Ion: 94 Resp: 137715
Ion Ratio Lower Upper
94 100
96 93.3 73.5 110.3

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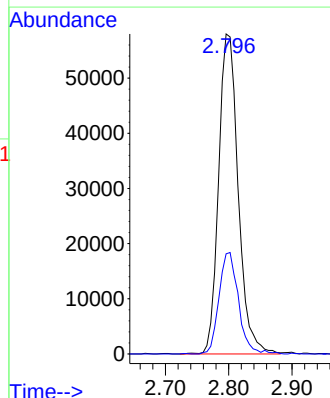
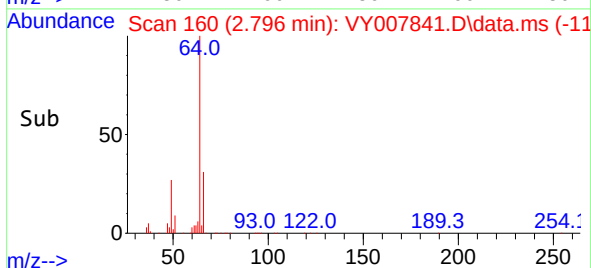
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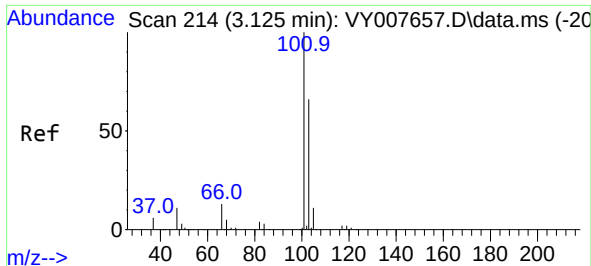


#6
Chloroethane
Concen: 46.902 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



Tgt Ion: 64 Resp: 124370
Ion Ratio Lower Upper
64 100
66 31.3 25.4 38.0





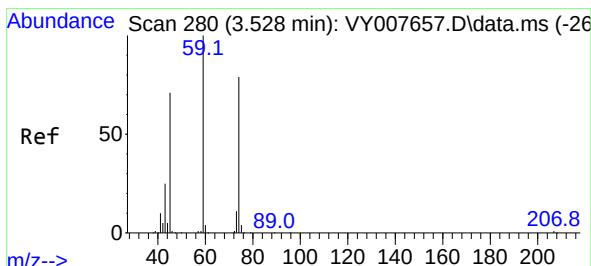
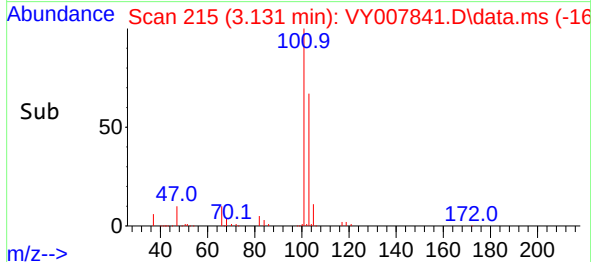
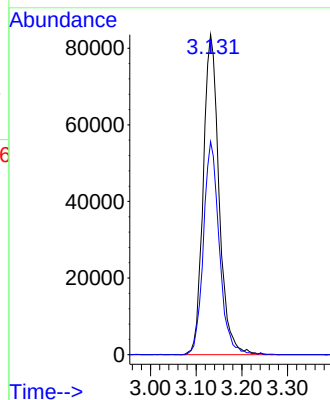
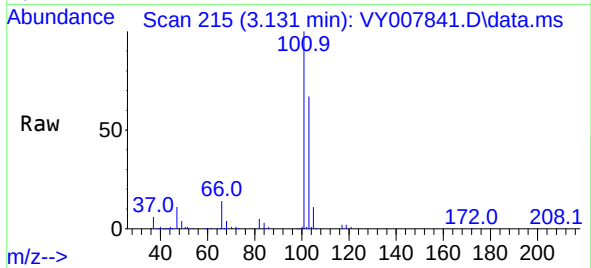
#7
Trichlorofluoromethane
Concen: 50.879 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 201004
Ion Ratio Lower Upper
101 100
103 66.5 48.0 72.0

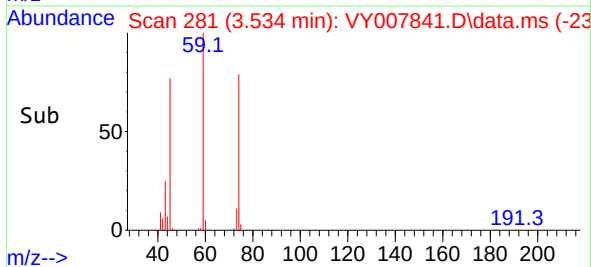
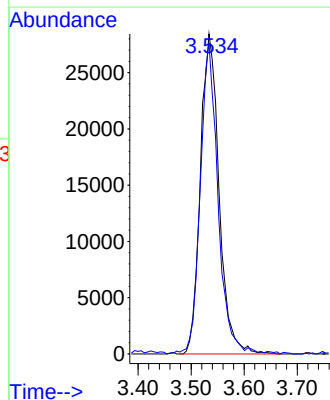
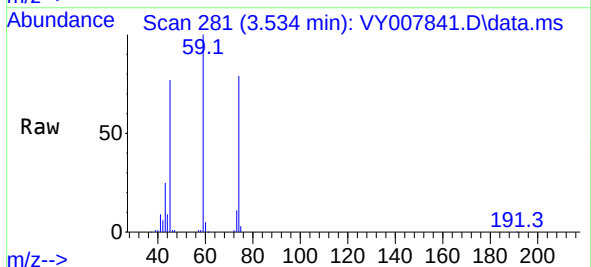
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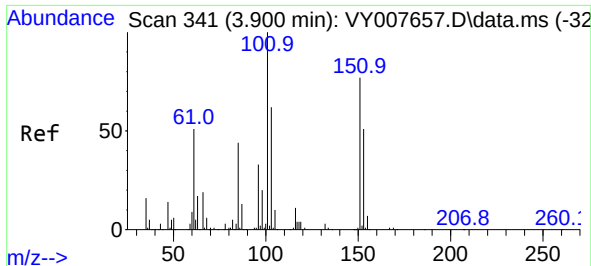
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#8
Diethyl Ether
Concen: 54.655 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY007841.D
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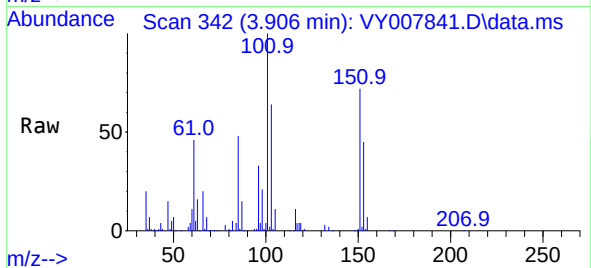
Tgt Ion: 74 Resp: 69478
Ion Ratio Lower Upper
74 100
45 92.2 55.1 165.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.551 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

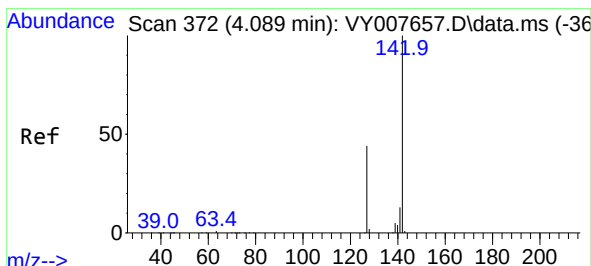
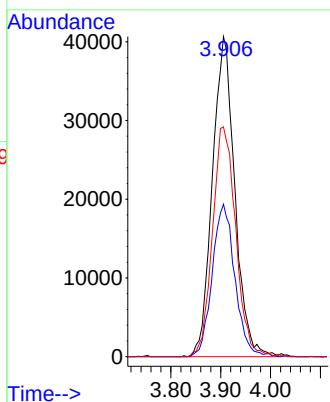
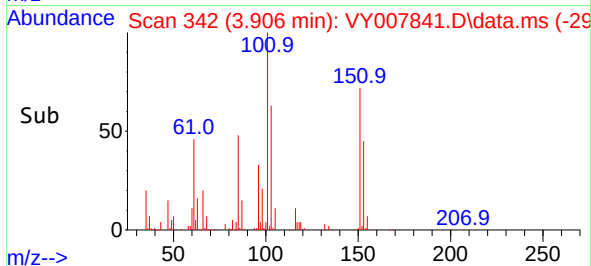
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



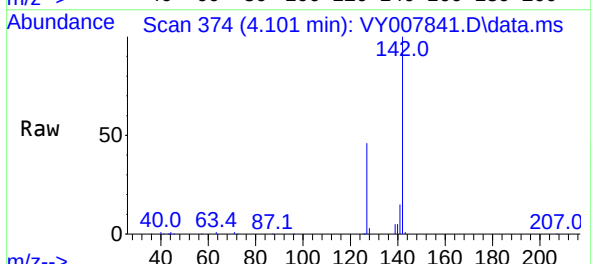
Tgt Ion:101 Resp: 12673
Ion Ratio Lower Upper
101 100
85 48.2 40.6 60.8
151 74.6 64.9 97.3

Manual Integrations
APPROVED

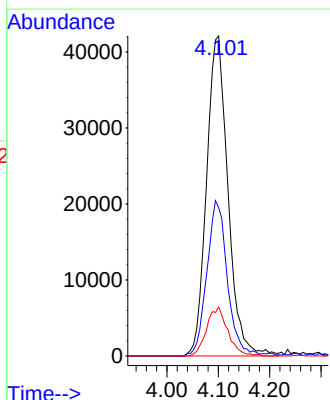
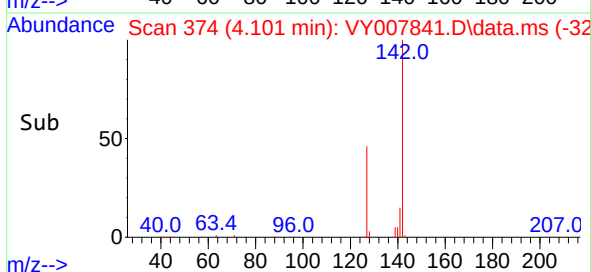
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

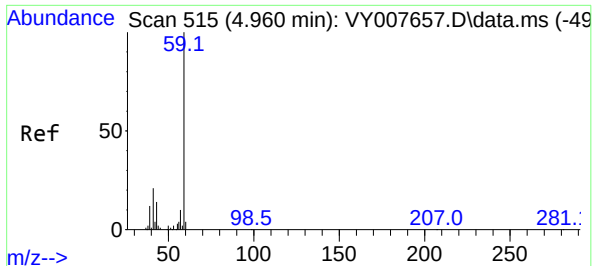


#10
Methyl Iodide
Concen: 41.581 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



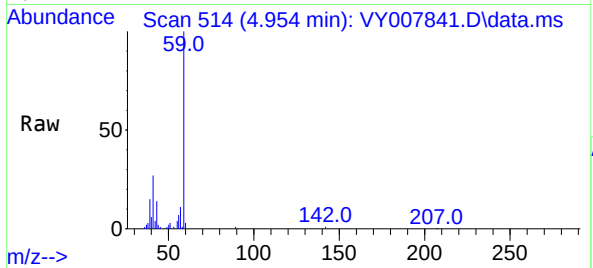
Tgt Ion:142 Resp: 122001
Ion Ratio Lower Upper
142 100
127 46.4 41.5 62.3
141 15.1 11.9 17.9





#11
Tert butyl alcohol
Concen: 257.619 ug/l
RT: 4.954 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

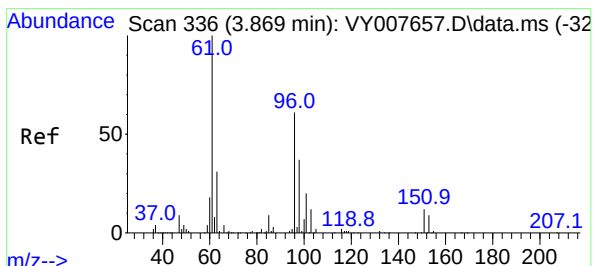
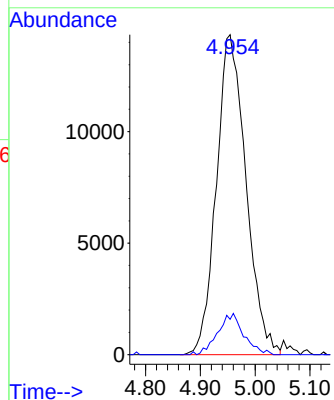
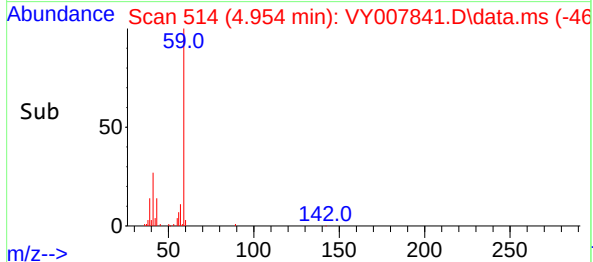
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



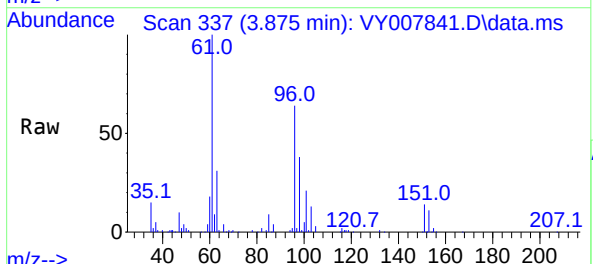
Tgt Ion: 59 Resp: 53819
Ion Ratio Lower Upper
59 100
57 11.4 6.4 9.6

Manual Integrations
APPROVED

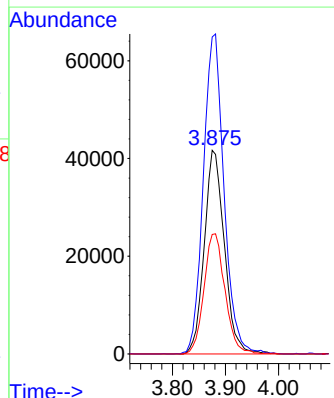
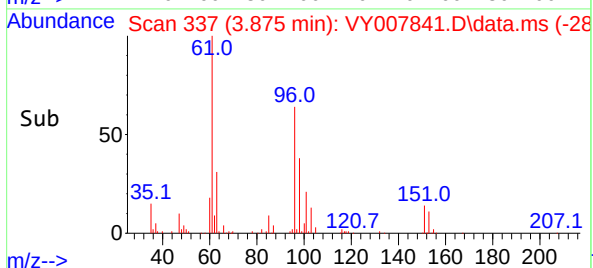
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

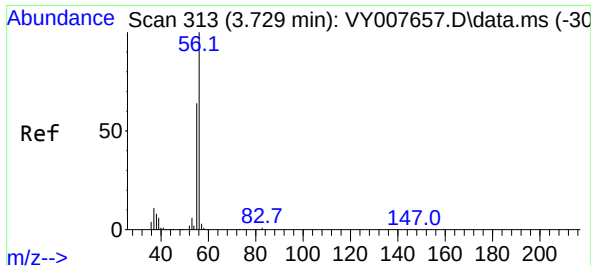


#12
1,1-Dichloroethene
Concen: 51.424 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



Tgt Ion: 96 Resp: 110063
Ion Ratio Lower Upper
96 100
61 155.6 145.8 218.6
98 58.7 52.5 78.7





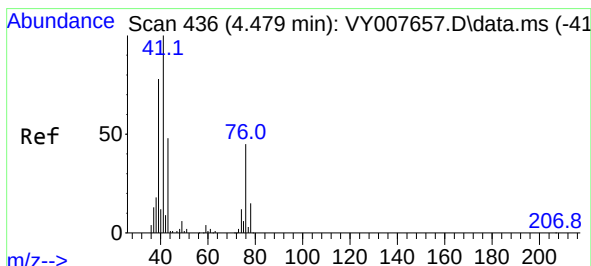
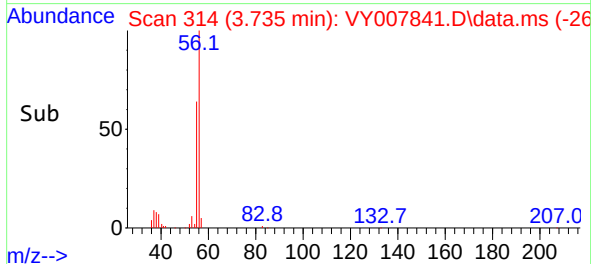
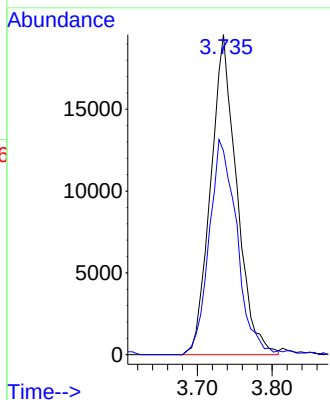
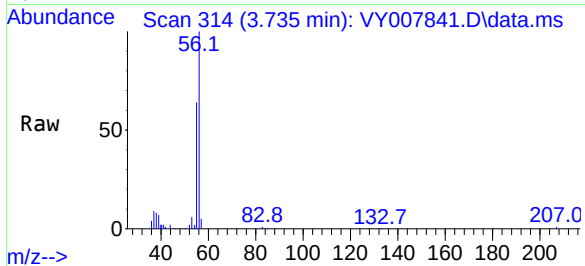
#13
Acrolein
Concen: 269.232 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 4730
Ion Ratio Lower Upper
56 100
55 71.5 57.6 86.4

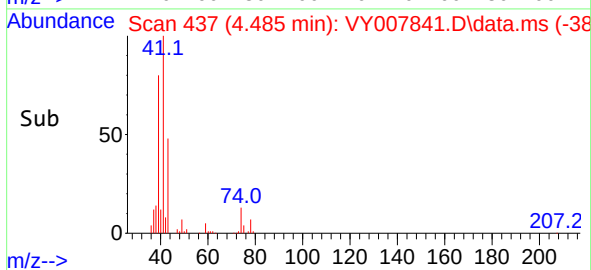
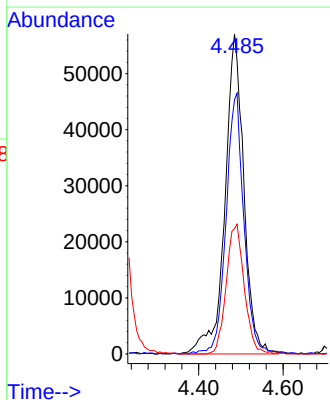
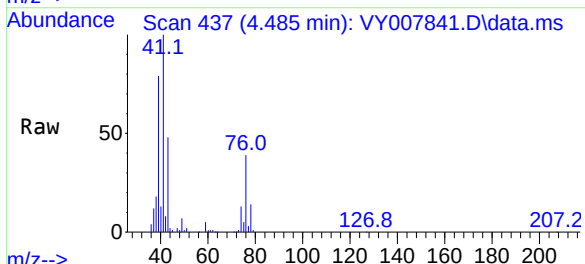
Manual Integrations
APPROVED

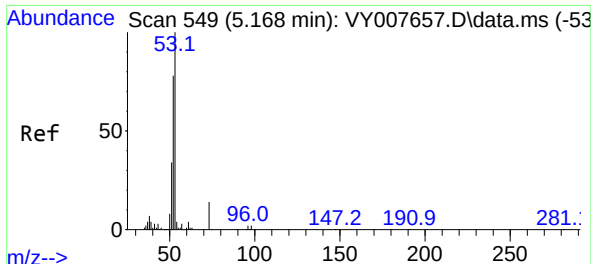
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#14
Allyl chloride
Concen: 55.160 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Tgt Ion: 41 Resp: 177574
Ion Ratio Lower Upper
41 100
39 77.1 58.8 88.2
76 38.6 25.1 37.7#





#15

Acrylonitrile

Concen: 297.767 ug/l

RT: 5.161 min Scan# 549

Delta R.T. -0.007 min

Lab File: VY007841.D

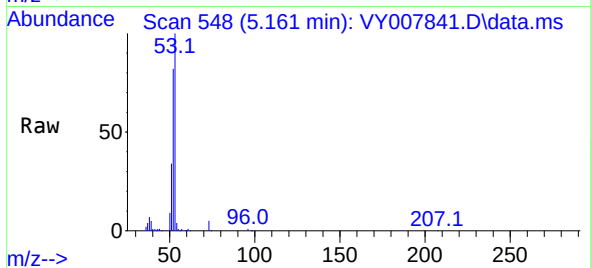
Acq: 11 Mar 2022 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 53 Resp: 19980

Ion Ratio Lower Upper

53 100

52 81.6 67.0 100.4

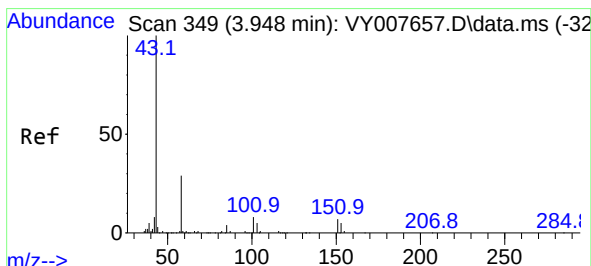
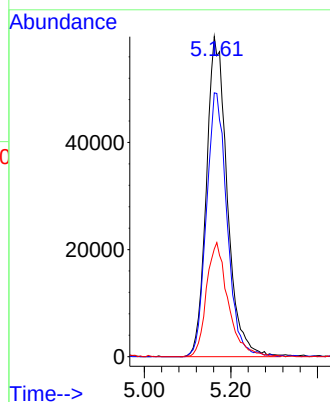
51 37.1 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#16

Acetone

Concen: 294.883 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007841.D

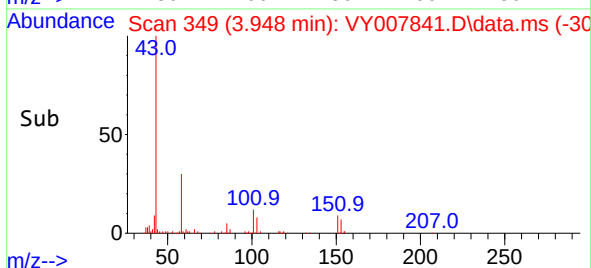
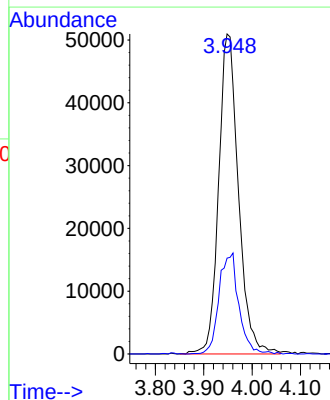
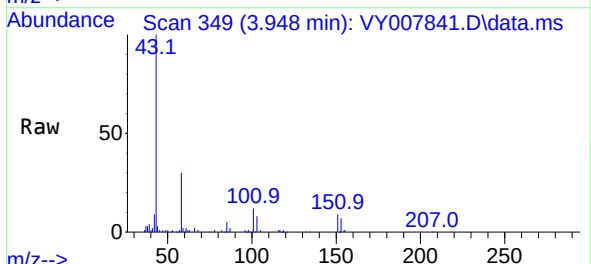
Acq: 11 Mar 2022 09:23

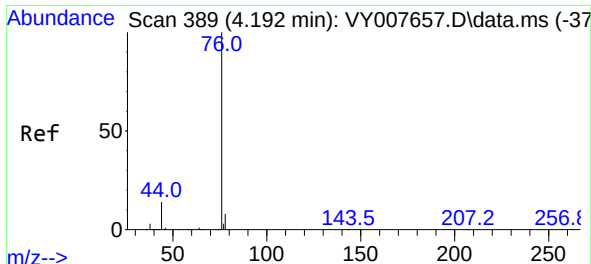
Tgt Ion: 43 Resp: 144746

Ion Ratio Lower Upper

43 100

58 29.8 22.0 33.0





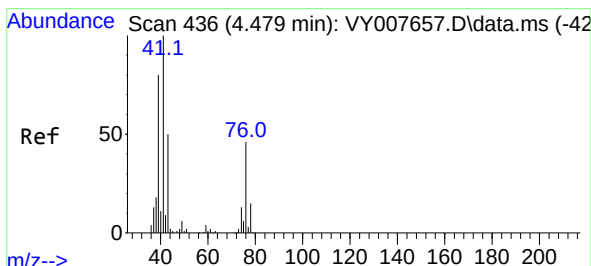
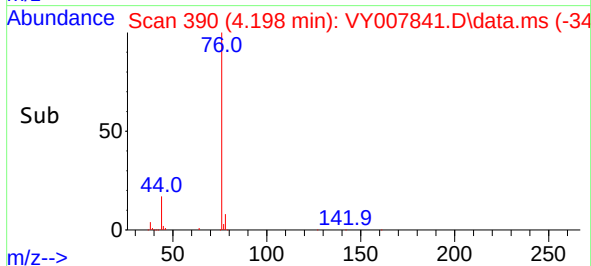
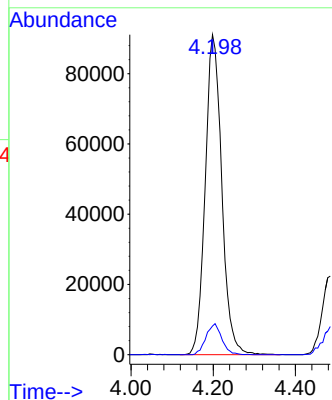
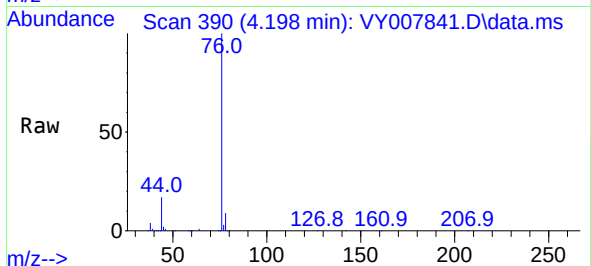
#17
Carbon Disulfide
Concen: 48.970 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 25381
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

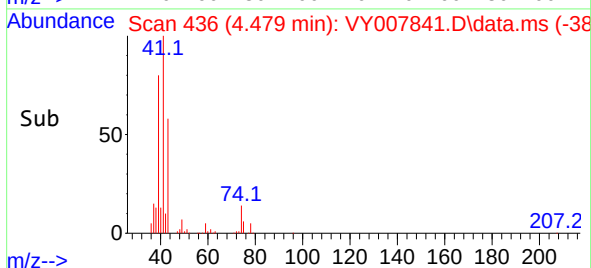
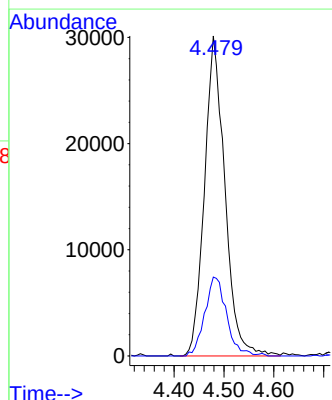
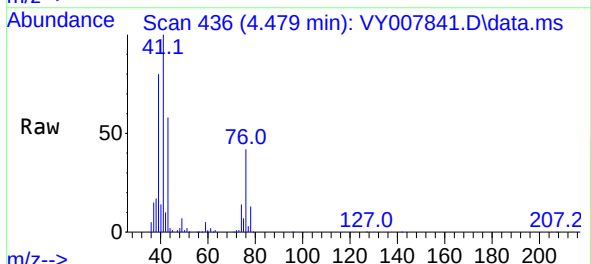
Manual Integrations
APPROVED

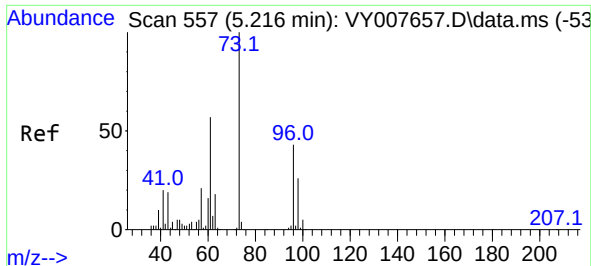
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#18
Methyl Acetate
Concen: 60.856 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

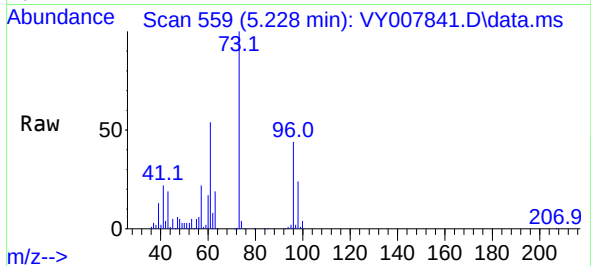
Tgt Ion: 43 Resp: 85647
Ion Ratio Lower Upper
43 100
74 26.2 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 56.072 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

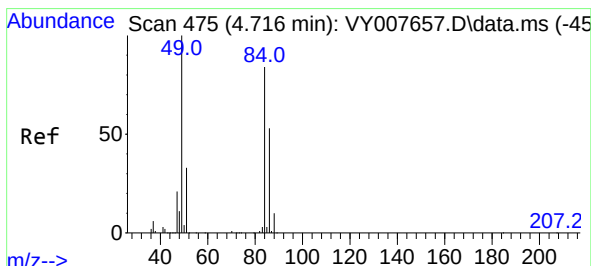
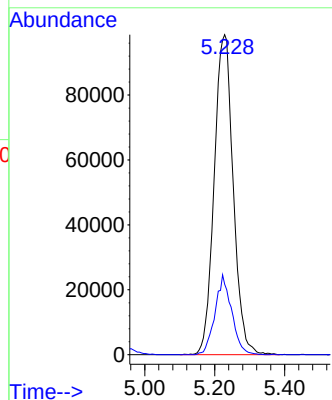
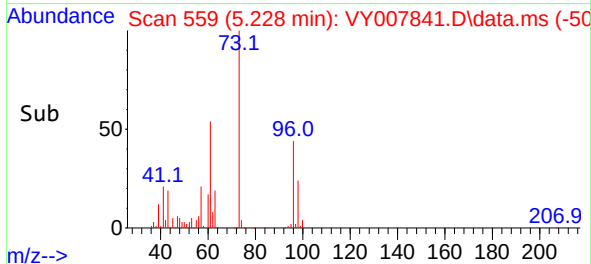
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



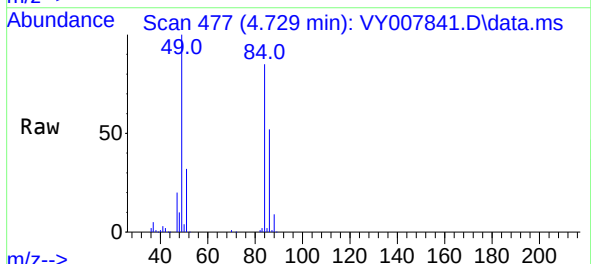
Tgt Ion: 73 Resp: 37247
Ion Ratio Lower Upper
73 100
57 22.0 18.6 27.8

Manual Integrations
APPROVED

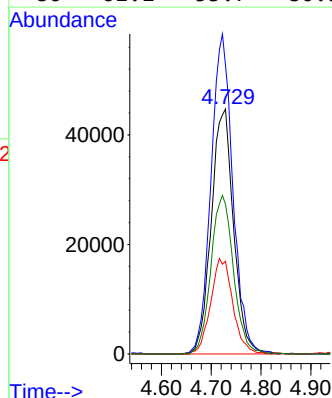
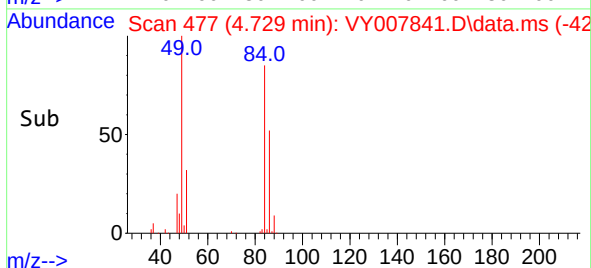
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

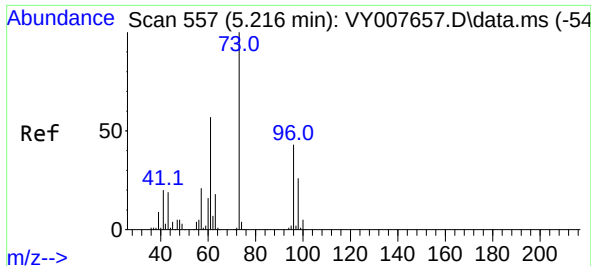


#20
Methylene Chloride
Concen: 59.962 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



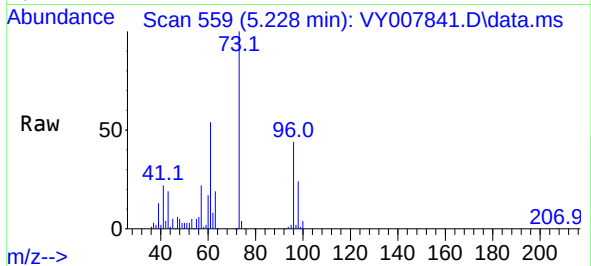
Tgt Ion: 84 Resp: 139274
Ion Ratio Lower Upper
84 100
49 117.8 114.4 171.6
51 37.9 35.3 52.9
86 61.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 52.353 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

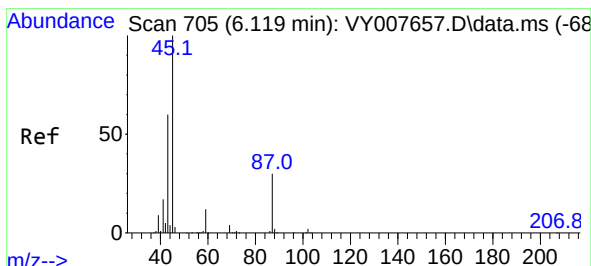
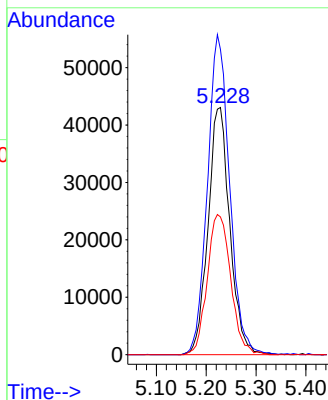
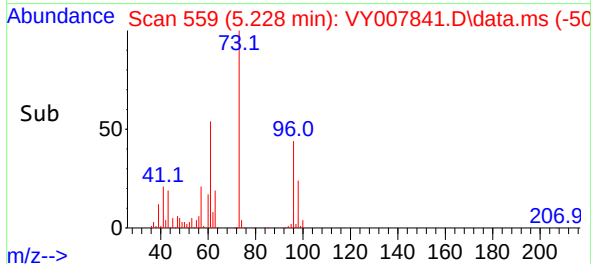
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



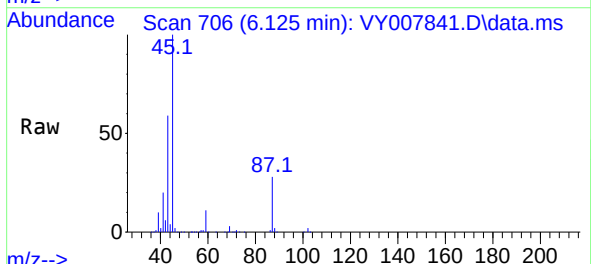
Tgt Ion: 96 Resp: 130749
Ion Ratio Lower Upper
96 100
61 123.5 120.5 180.7
98 55.7 49.8 74.8

Manual Integrations
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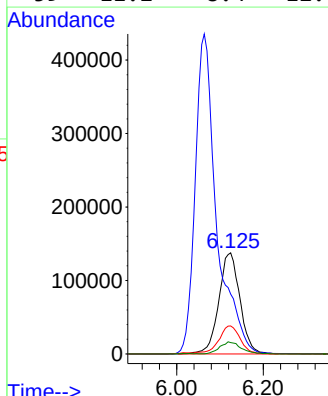
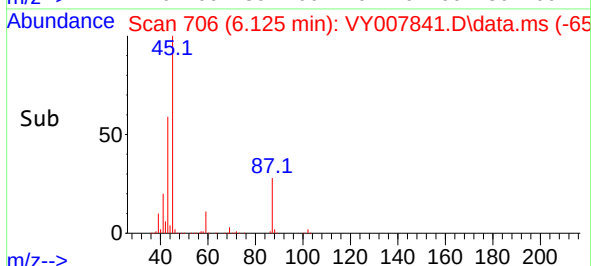
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

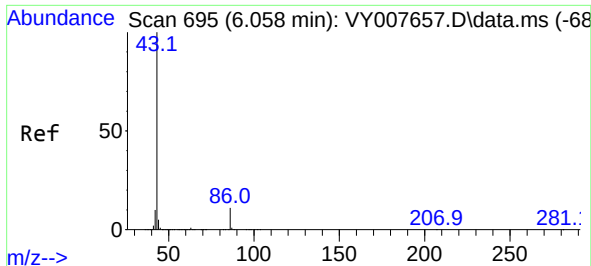


#22
Diisopropyl ether
Concen: 60.786 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



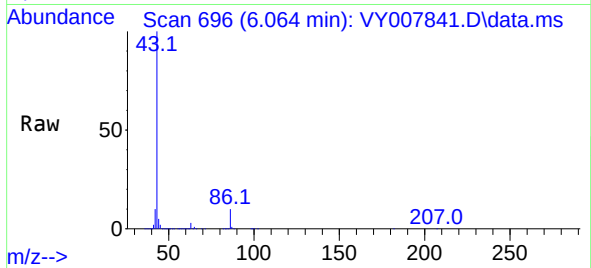
Tgt Ion: 45 Resp: 467480
Ion Ratio Lower Upper
45 100
43 58.7 49.3 73.9
87 27.6 19.2 28.8
59 11.2 8.4 12.6





#23
 Vinyl Acetate
 Concen: 307.631 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY007841.D
 Acq: 11 Mar 2022 09:23

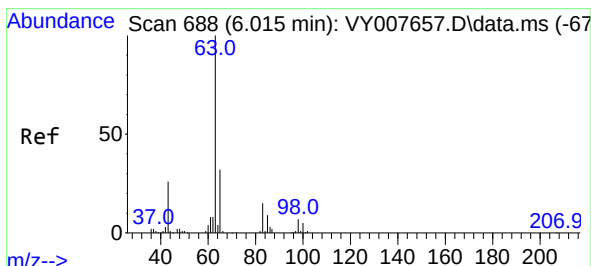
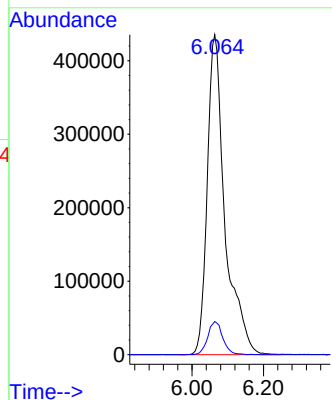
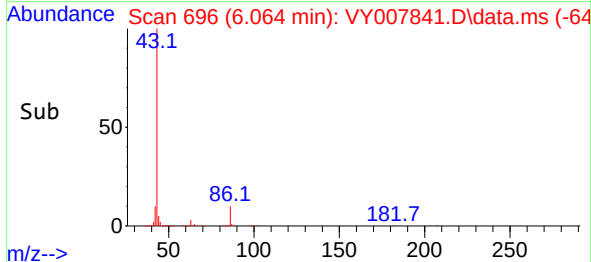
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



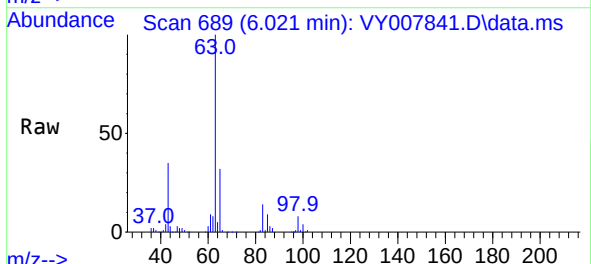
Tgt Ion: 43 Resp: 149615
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7

Manual Integrations
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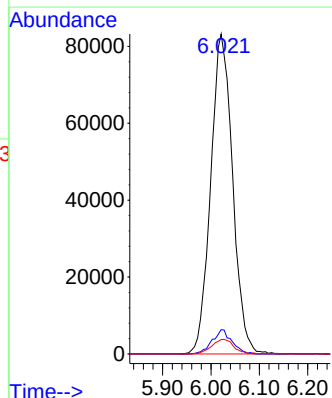
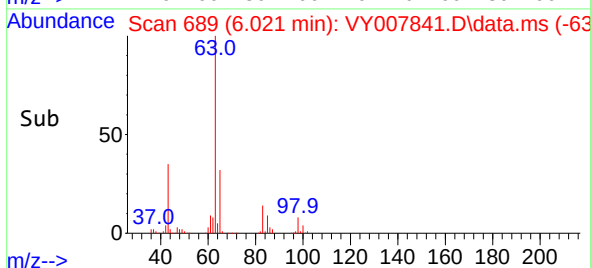
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022

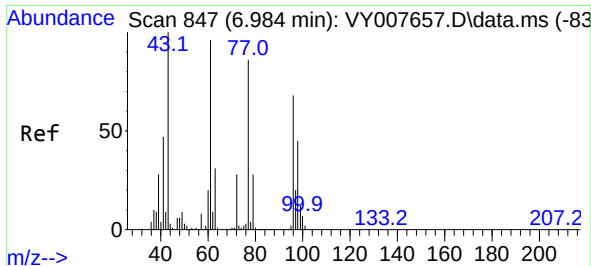


#24
 1,1-Dichloroethane
 Concen: 56.306 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY007841.D
 Acq: 11 Mar 2022 09:23



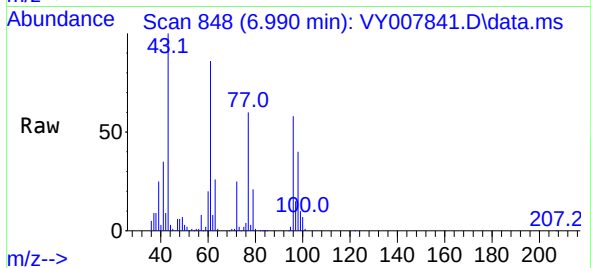
Tgt Ion: 63 Resp: 261641
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 4.5 2.0 5.8





#25
2-Butanone
Concen: 312.983 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

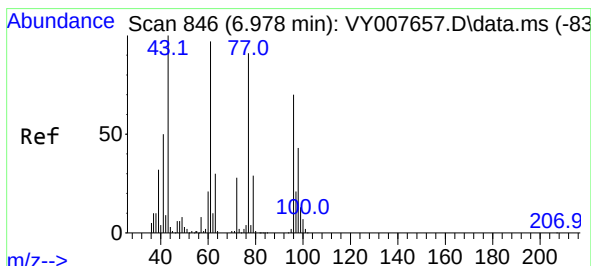
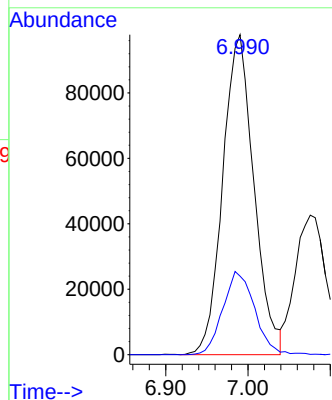
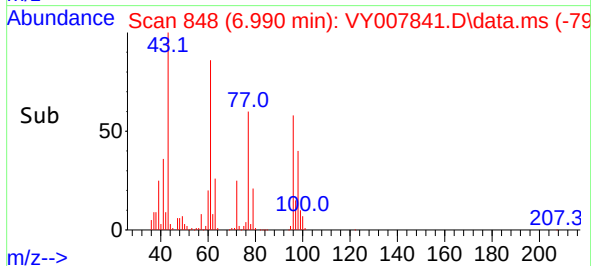
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



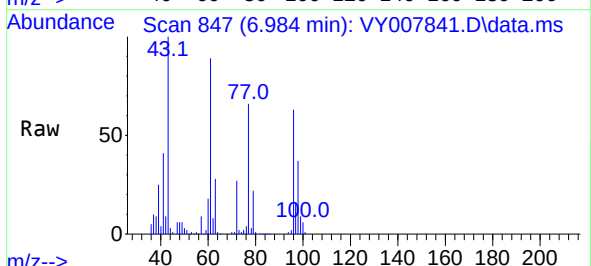
Tgt Ion: 43 Resp: 257720
Ion Ratio Lower Upper
43 100
72 24.6 17.7 26.5

Manual Integrations
APPROVED

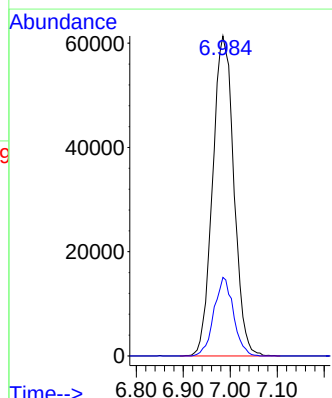
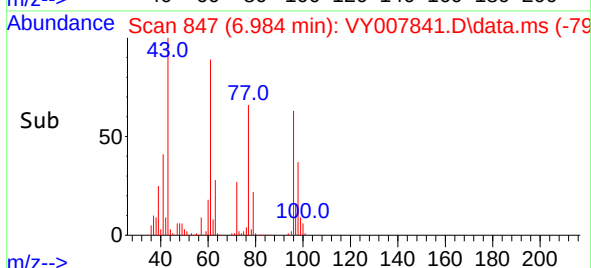
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

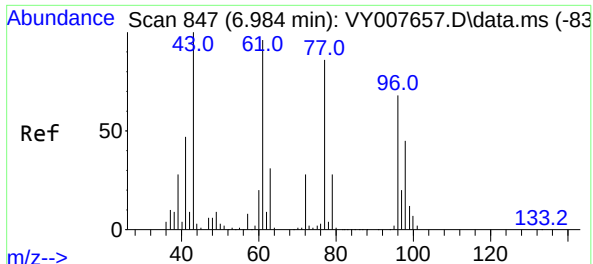


#26
2,2-Dichloropropane
Concen: 46.580 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



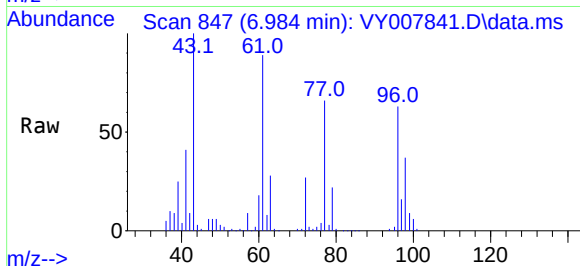
Tgt Ion: 77 Resp: 192620
Ion Ratio Lower Upper
77 100
97 22.6 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 54.827 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY007841.D
 Acq: 11 Mar 2022 09:23

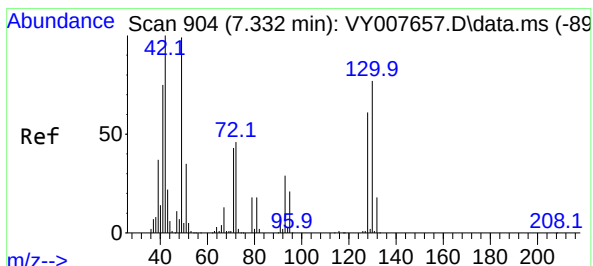
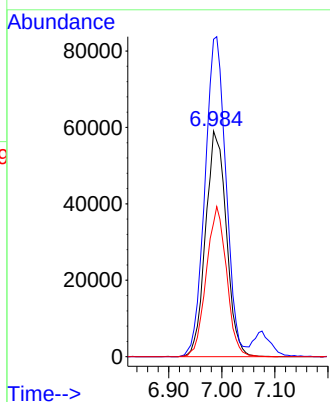
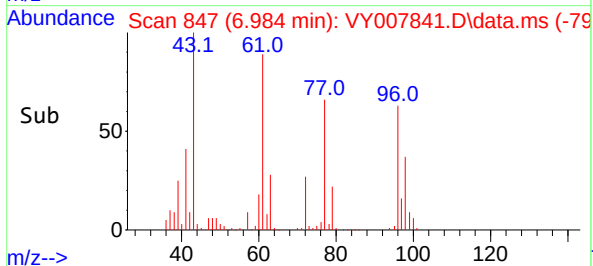
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



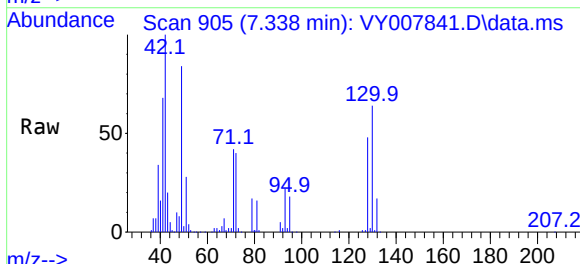
Tgt Ion: 96 Resp: 160550
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 319.8
 98 65.0 0.0 127.0

Manual Integrations
 APPROVED

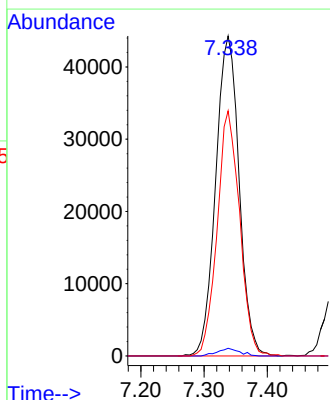
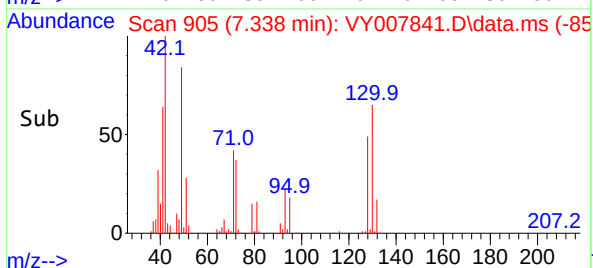
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022

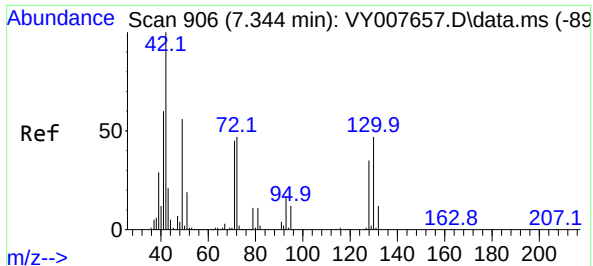


#28
 Bromochloromethane
 Concen: 57.498 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY007841.D
 Acq: 11 Mar 2022 09:23



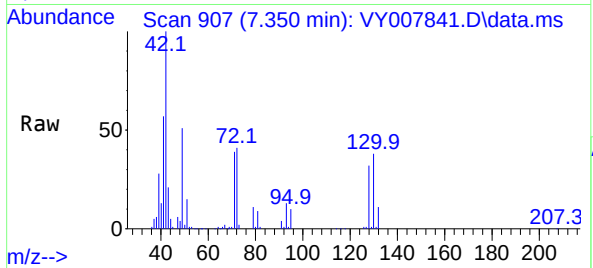
Tgt Ion: 49 Resp: 113626
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.2#
 130 73.5 55.4 83.0





#29
Tetrahydrofuran
Concen: 304.631 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

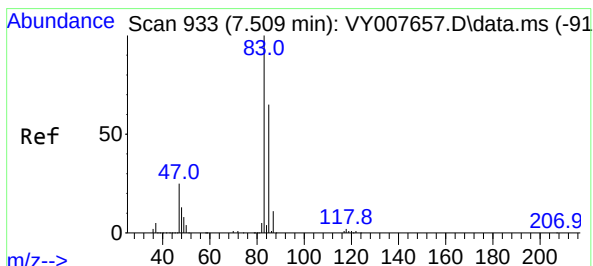
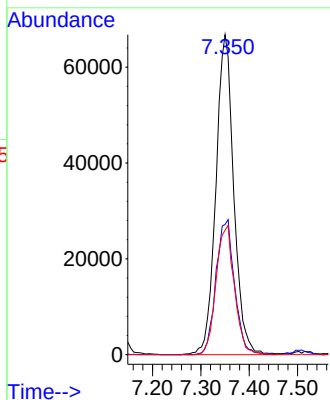
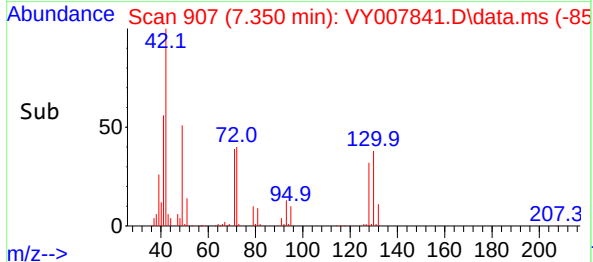
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



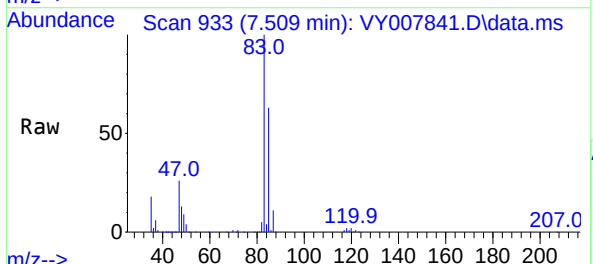
Tgt Ion: 42 Resp: 171635
Ion Ratio Lower Upper
42 100
72 43.9 30.3 45.5
71 41.3 29.0 43.4

Manual Integrations
APPROVED

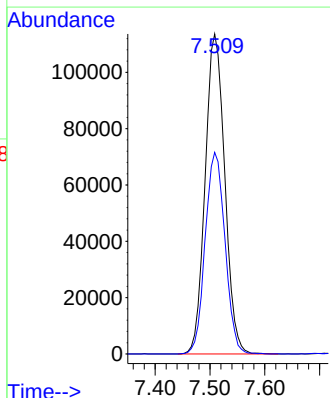
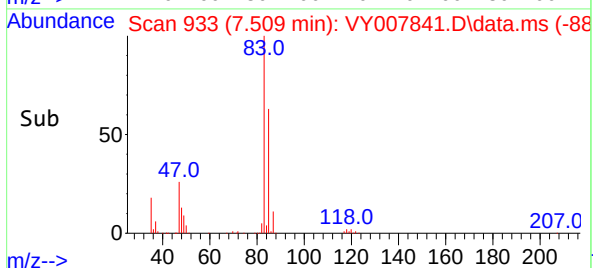
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

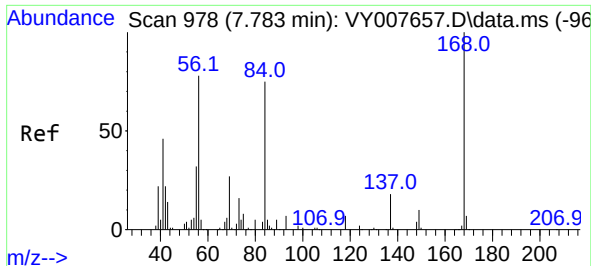


#30
Chloroform
Concen: 58.556 ug/l
RT: 7.509 min Scan# 933
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



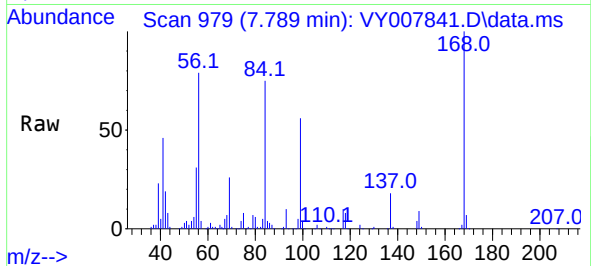
Tgt Ion: 83 Resp: 281899
Ion Ratio Lower Upper
83 100
85 63.0 51.8 77.6





#31
Cyclohexane
Concen: 54.697 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

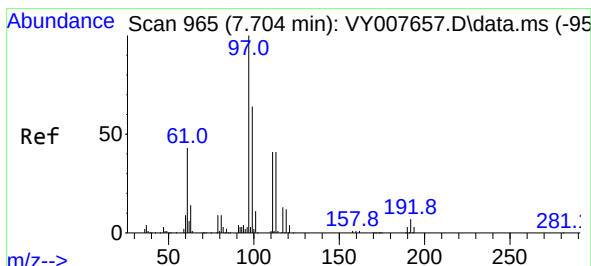
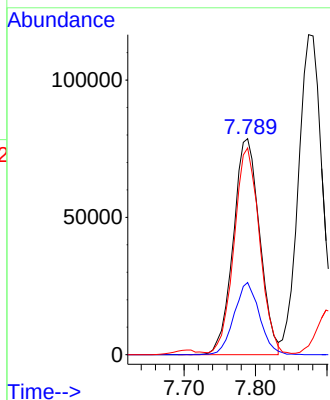
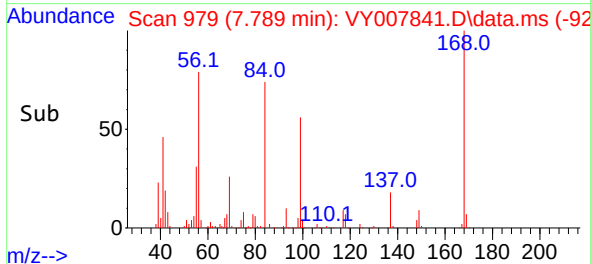
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



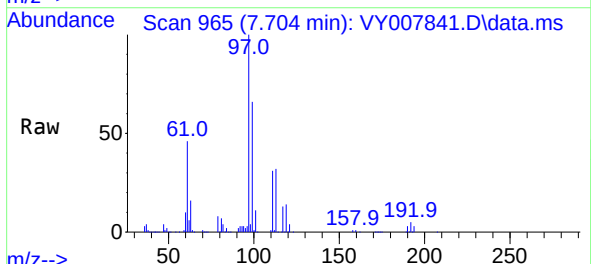
Tgt Ion: 56 Resp: 20196
Ion Ratio Lower Upper
56 100
69 33.4 26.7 40.1
84 94.1 67.2 100.8

Manual Integrations
APPROVED

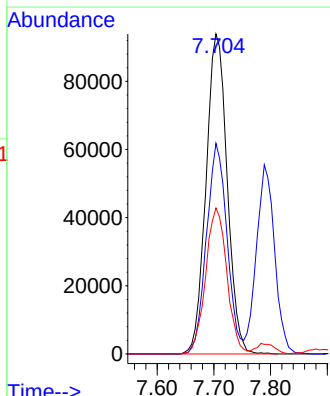
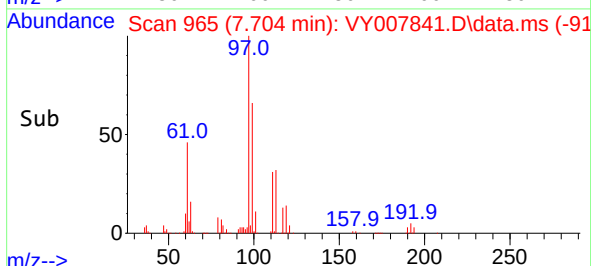
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

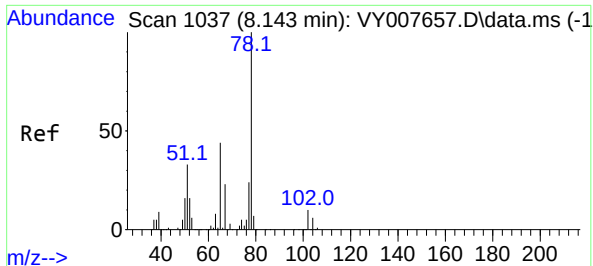


#32
1,1,1-Trichloroethane
Concen: 56.790 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



Tgt Ion: 97 Resp: 243315
Ion Ratio Lower Upper
97 100
99 64.3 50.7 76.1
61 45.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.832 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007841.D

Acq: 11 Mar 2022 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 125068

Ion Ratio Lower Upper

65 100

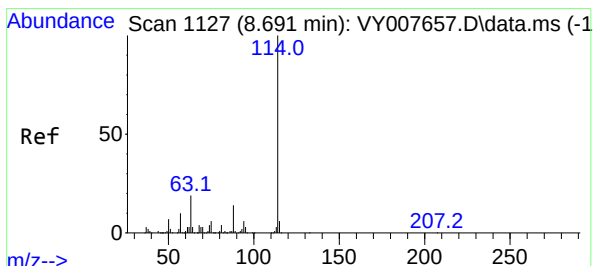
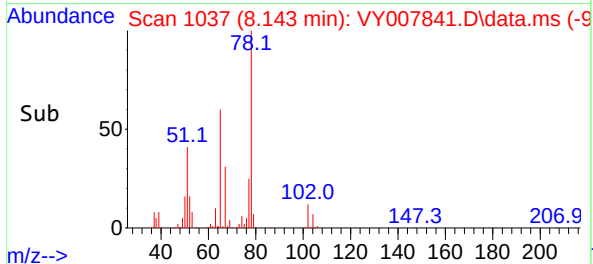
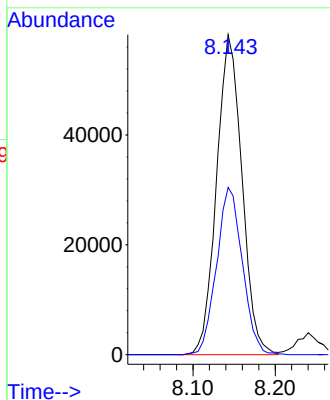
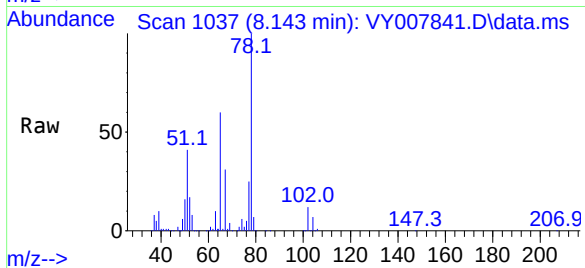
67 53.2 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007841.D

Acq: 11 Mar 2022 09:23

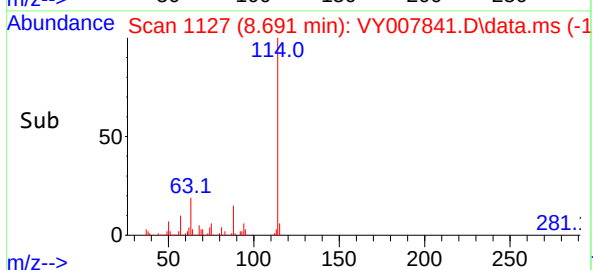
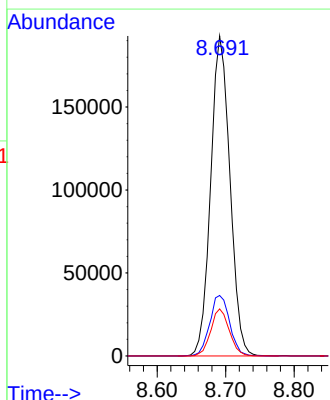
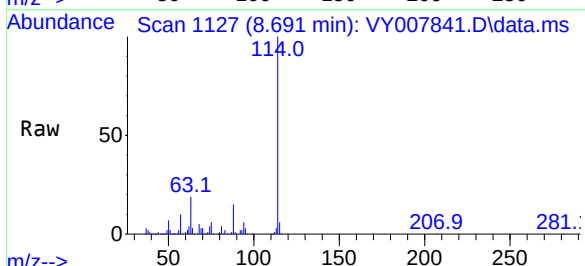
Tgt Ion:114 Resp: 376451

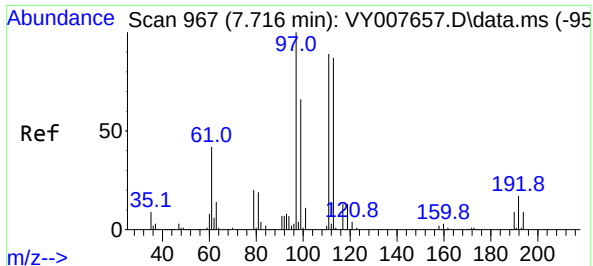
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

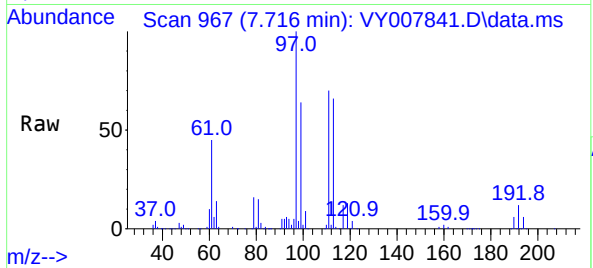
88 14.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 51.251 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

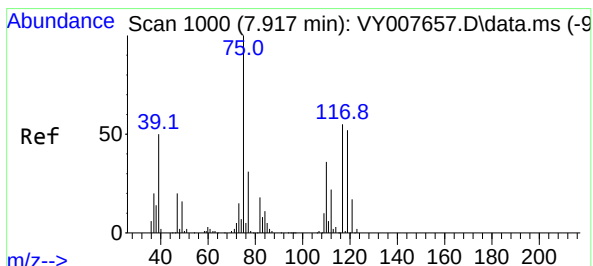
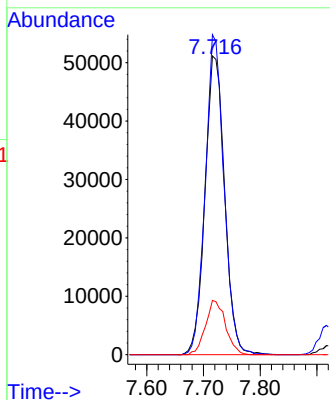
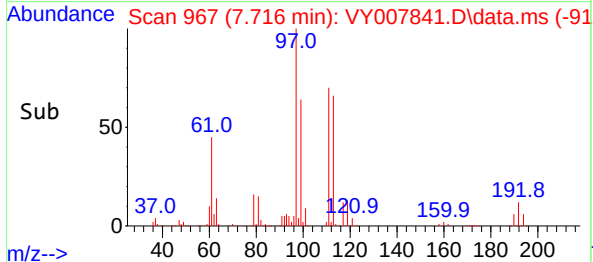
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



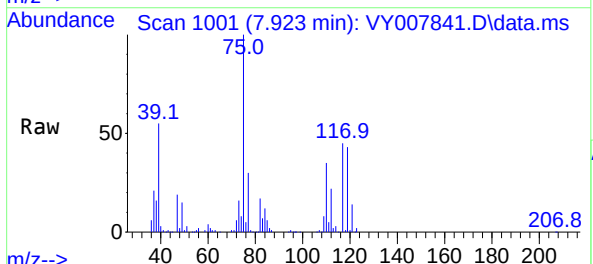
Tgt Ion: 113 Resp: 123349
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 18.4 17.6 26.4

Manual Integrations
APPROVED

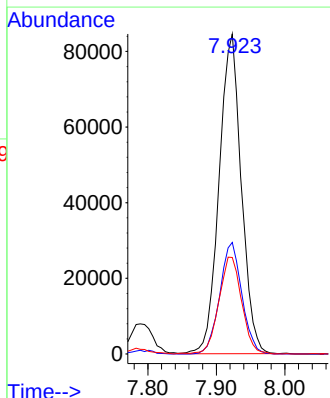
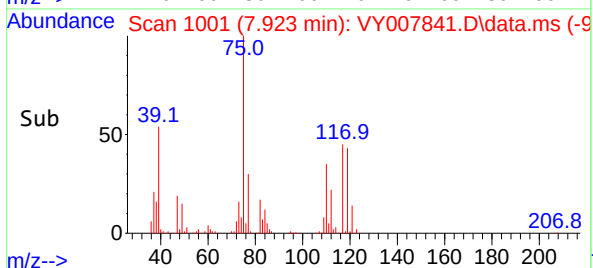
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

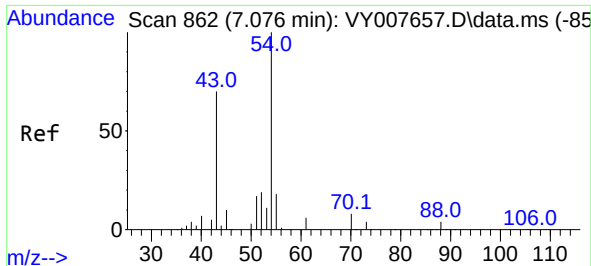


#36
1,1-Dichloropropene
Concen: 50.227 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



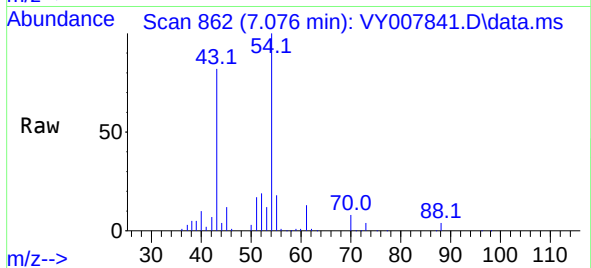
Tgt Ion: 75 Resp: 190166
Ion Ratio Lower Upper
75 100
110 34.7 17.1 51.2
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 55.416 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

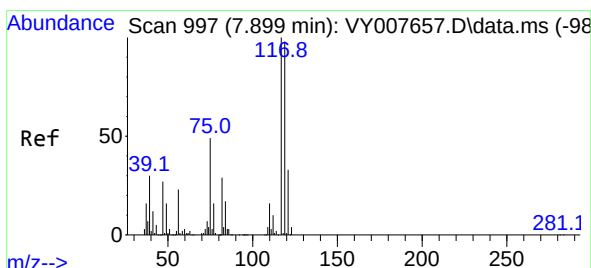
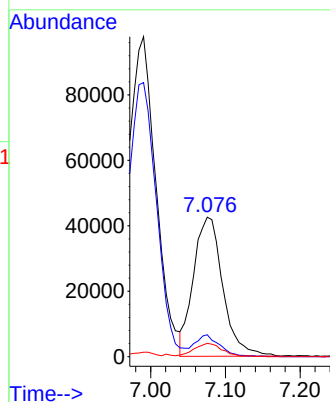
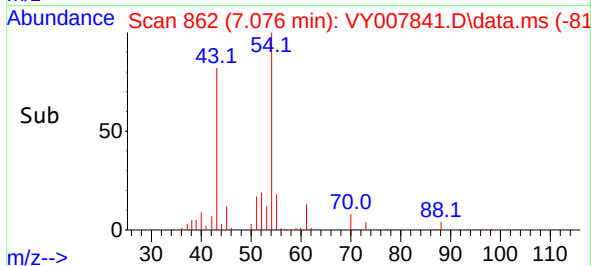
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



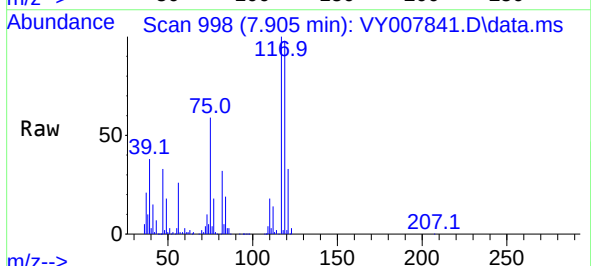
Tgt Ion: 43 Resp: 115884
Ion Ratio Lower Upper
43 100
61 12.9 9.7 14.5
70 9.3 7.1 10.7

Manual Integrations
APPROVED

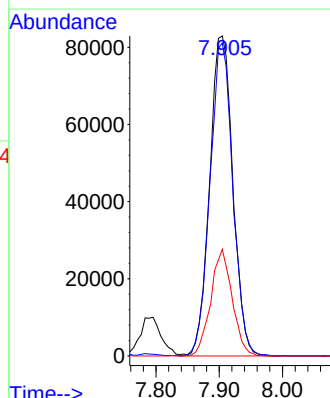
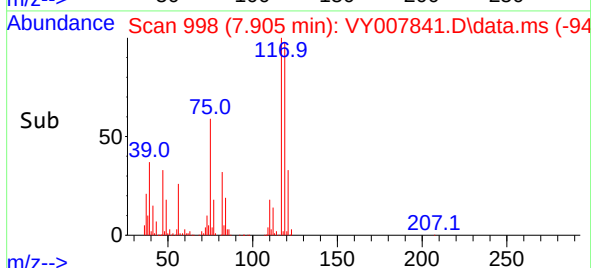
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

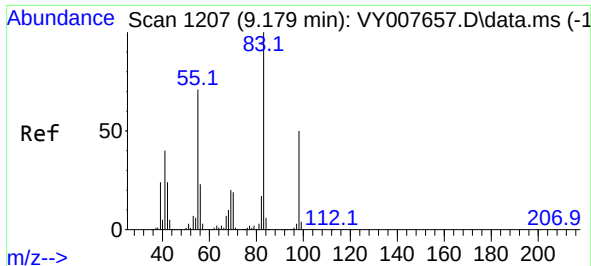


#38
Carbon Tetrachloride
Concen: 52.305 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



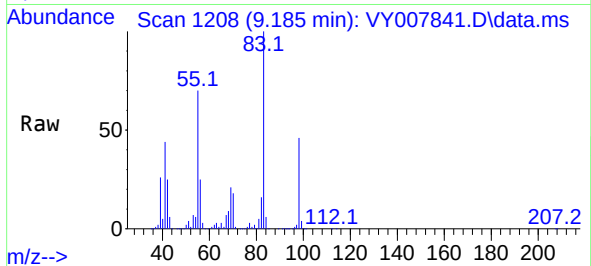
Tgt Ion:117 Resp: 211244
Ion Ratio Lower Upper
117 100
119 97.7 77.9 116.9
121 33.3 24.8 37.2





#39
Methylcyclohexane
Concen: 48.149 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

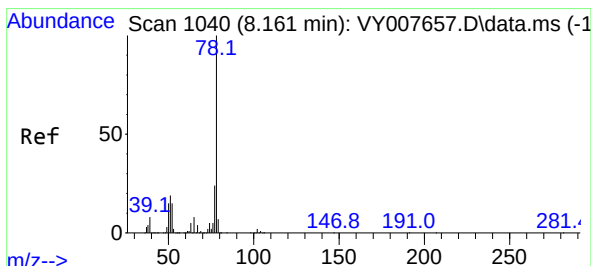
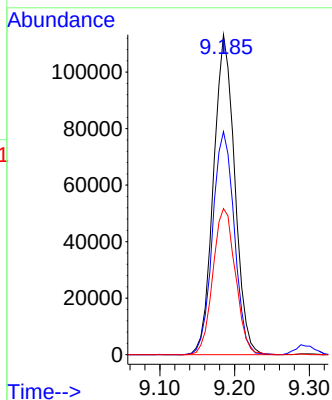
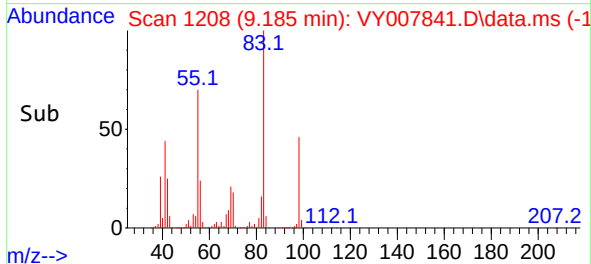
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



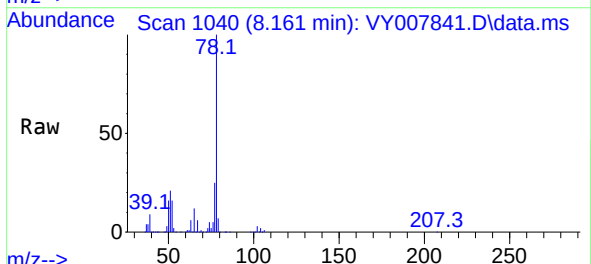
Tgt Ion: 83 Resp: 224039
Ion Ratio Lower Upper
83 100
55 69.7 66.5 99.7
98 45.6 37.9 56.9

Manual Integrations
APPROVED

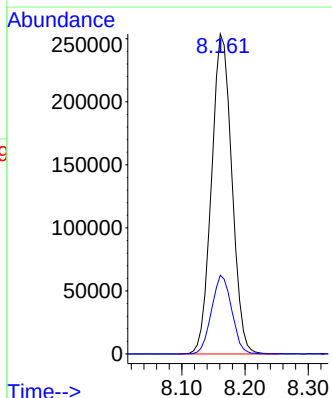
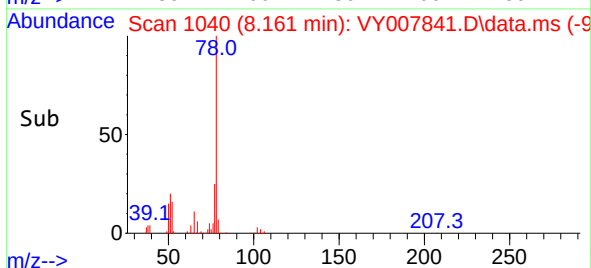
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

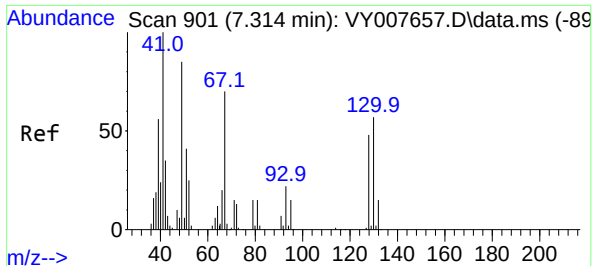


#40
Benzene
Concen: 53.673 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



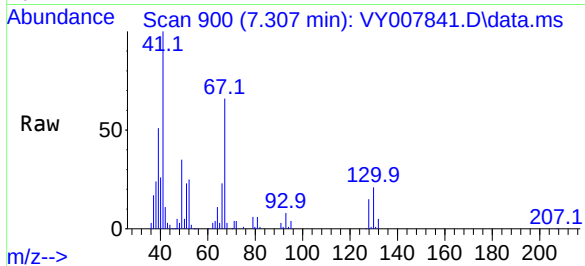
Tgt Ion: 78 Resp: 565539
Ion Ratio Lower Upper
78 100
77 24.6 20.4 30.6





#41
Methacrylonitrile
Concen: 55.476 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.007 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

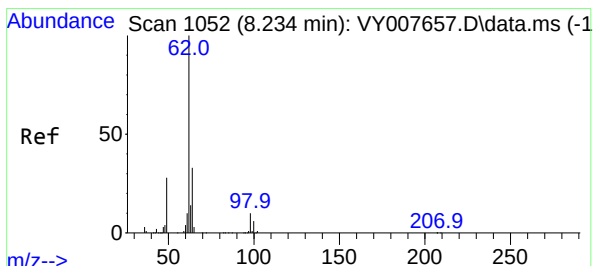
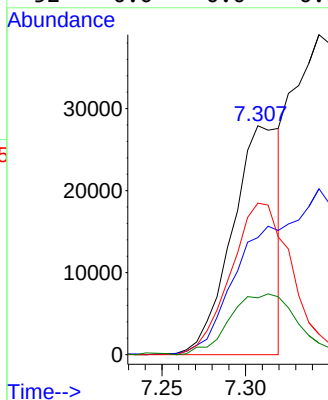
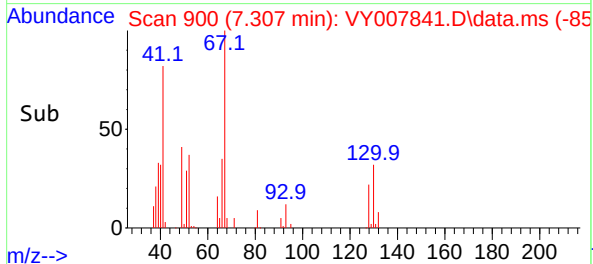
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 55437
Ion Ratio Lower Upper
41 100
39 152.2 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

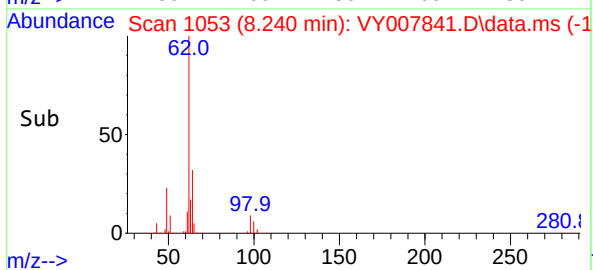
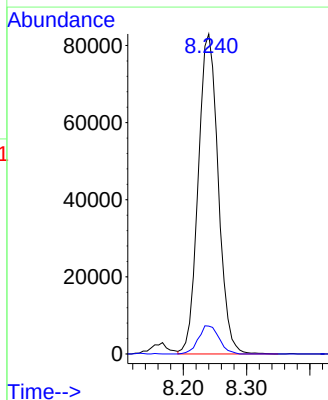
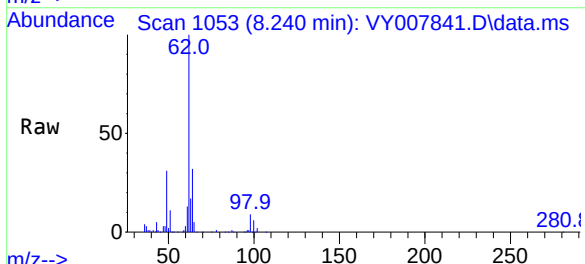
Manual Integrations
APPROVED

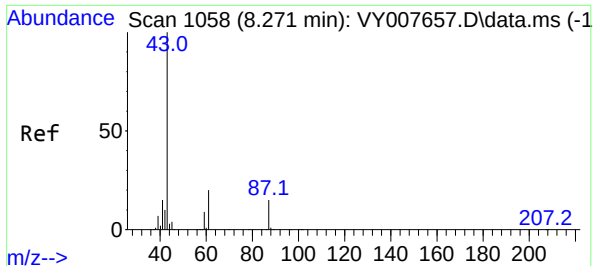
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#42
1,2-Dichloroethane
Concen: 55.492 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Tgt Ion: 62 Resp: 182448
Ion Ratio Lower Upper
62 100
98 9.1 0.0 14.8





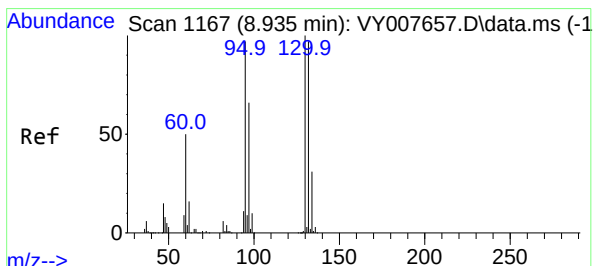
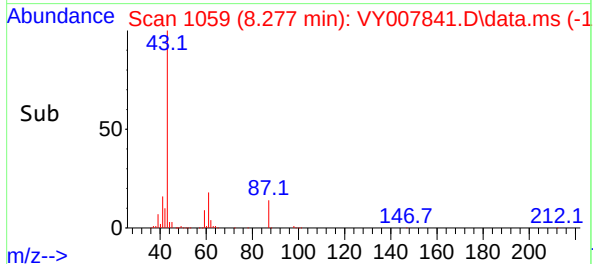
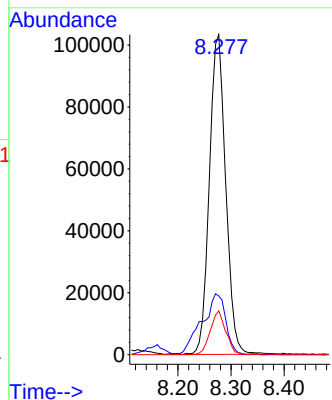
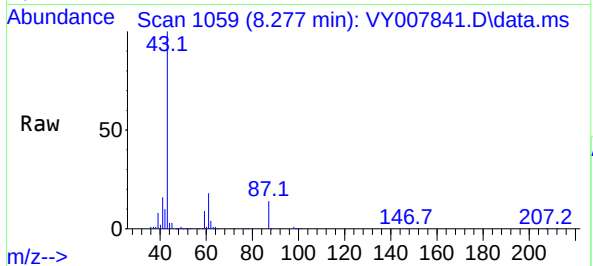
#43
Isopropyl Acetate
Concen: 57.034 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 22056
Ion Ratio Lower Upper
43 100
61 27.7 20.2 30.2
87 13.0 8.9 13.3

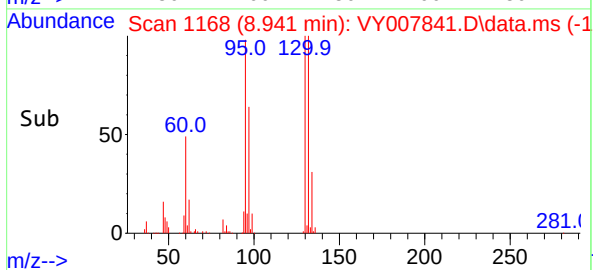
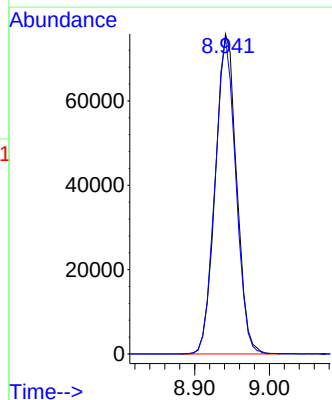
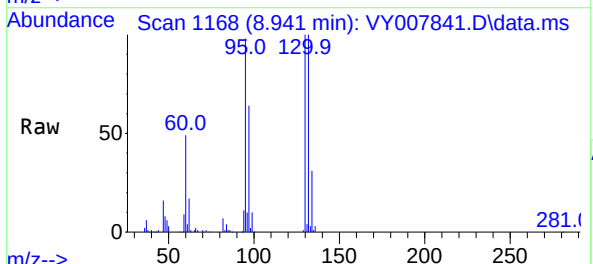
Manual Integrations
APPROVED

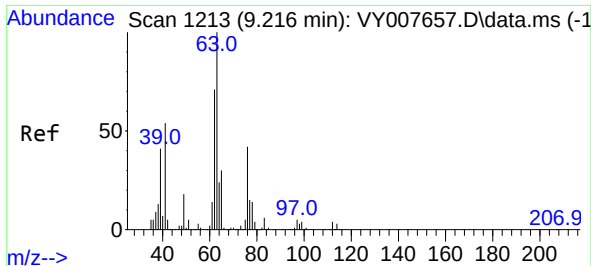
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#44
Trichloroethene
Concen: 51.152 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

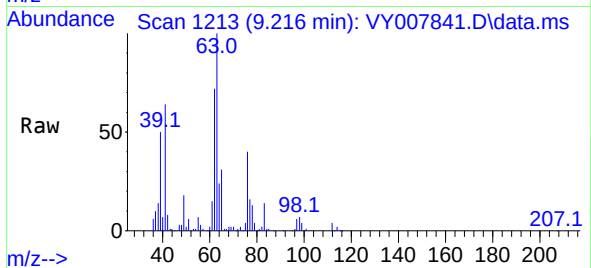
Tgt Ion:130 Resp: 149690
Ion Ratio Lower Upper
130 100
95 98.6 0.0 188.2





#45
1,2-Dichloropropane
Concen: 55.365 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

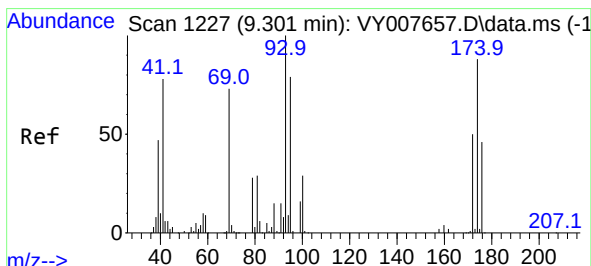
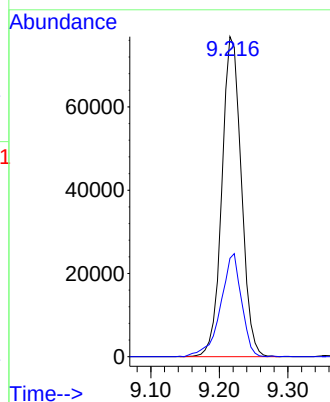
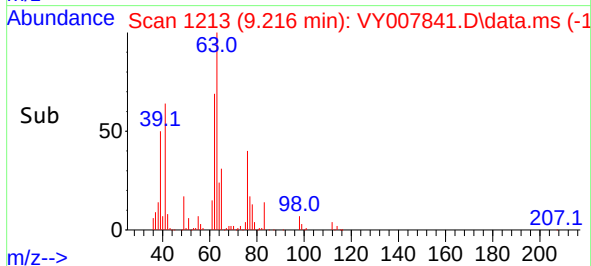
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



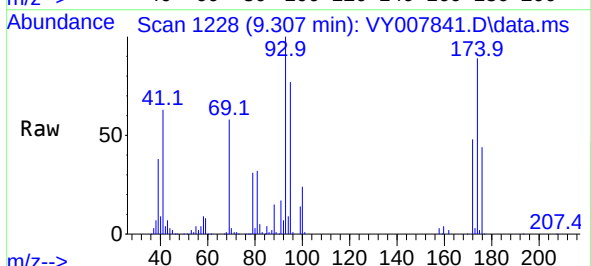
Tgt Ion: 63 Resp: 15086
Ion Ratio Lower Upper
63 100
65 30.8 23.0 34.6

Manual Integrations
APPROVED

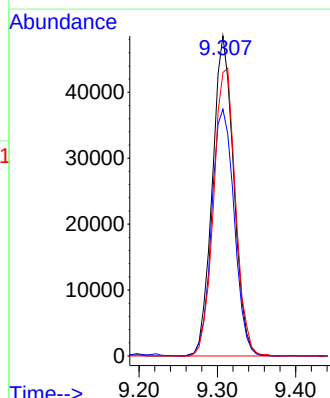
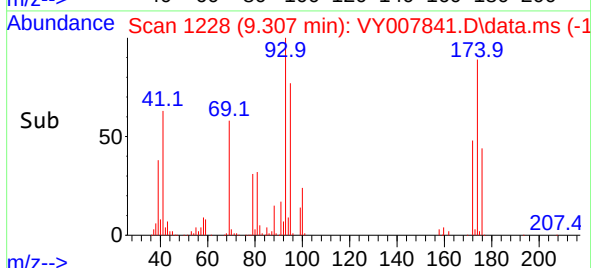
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

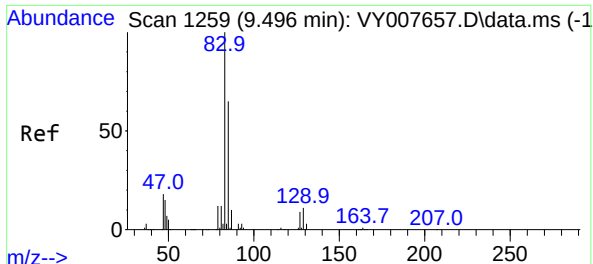


#46
Dibromomethane
Concen: 56.165 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



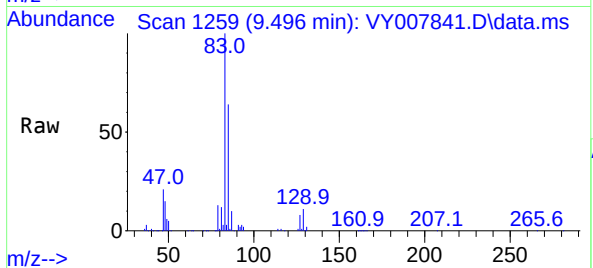
Tgt Ion: 93 Resp: 91864
Ion Ratio Lower Upper
93 100
95 81.4 64.3 96.5
174 92.4 83.4 125.0





#47
Bromodichloromethane
Concen: 57.946 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

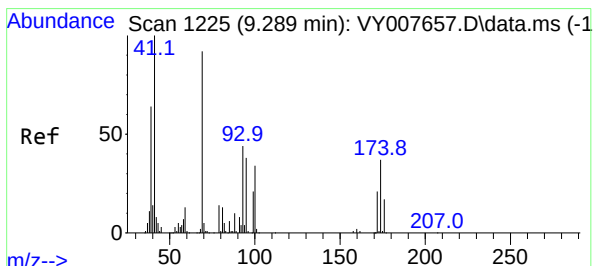
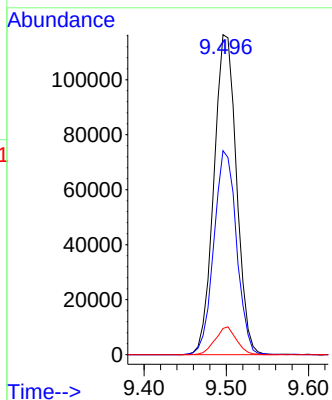
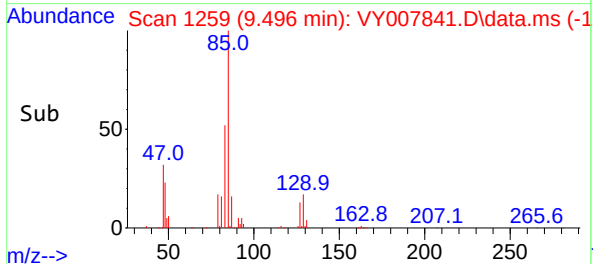
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



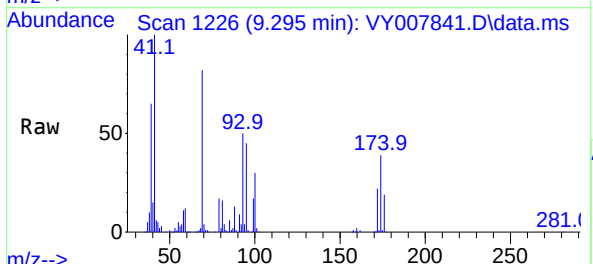
Tgt Ion: 83 Resp: 222299
Ion Ratio Lower Upper
83 100
85 63.8 51.9 77.9
127 8.2 6.6 10.0

Manual Integrations
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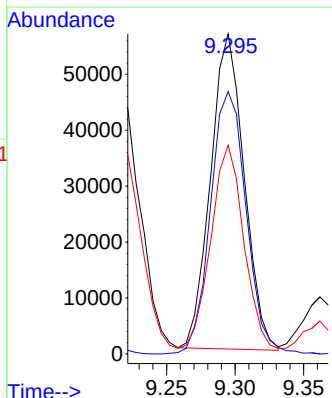
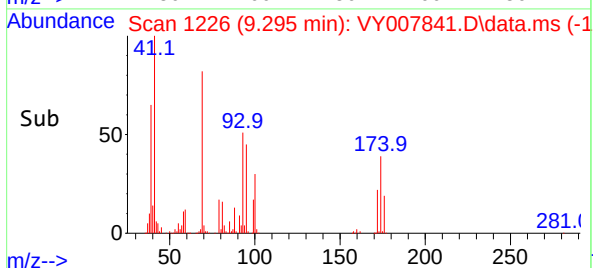
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

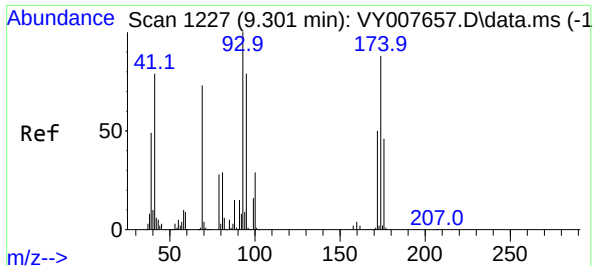


#48
Methyl methacrylate
Concen: 57.218 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



Tgt Ion: 41 Resp: 95912
Ion Ratio Lower Upper
41 100
69 88.9 58.2 87.2#
39 66.3 47.4 71.0





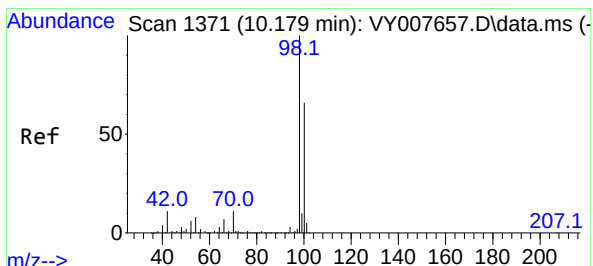
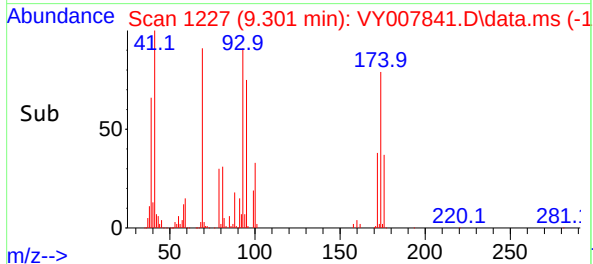
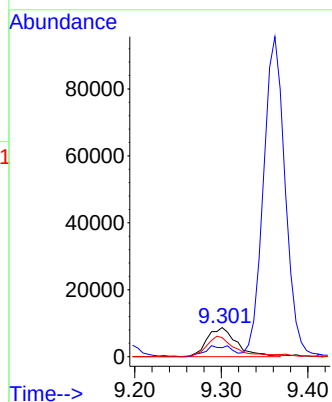
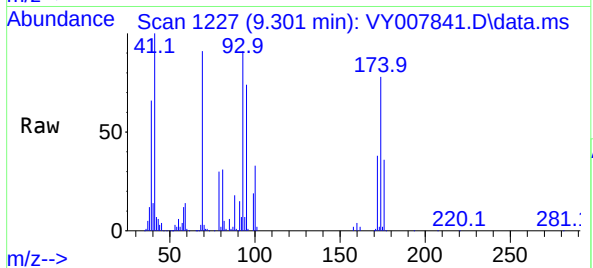
#49
1,4-Dioxane
Concen: 1047.692 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 20688
Ion Ratio Lower Upper
88 100
43 32.9 32.8 49.2
58 66.7 59.8 89.6

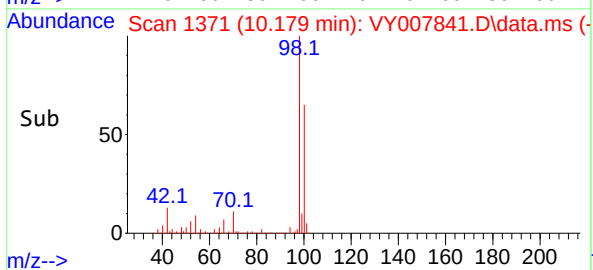
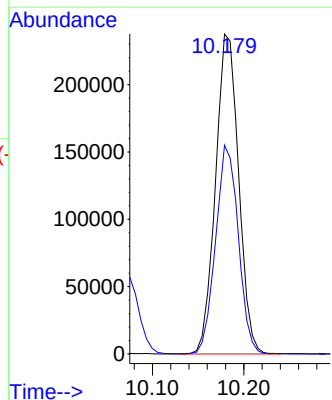
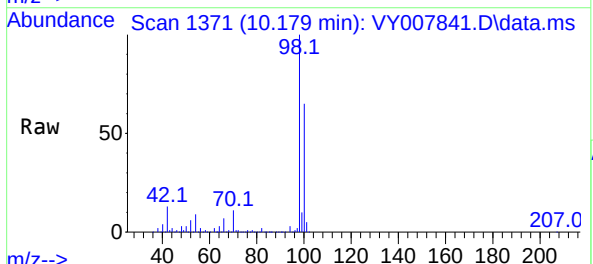
Manual Integrations
APPROVED

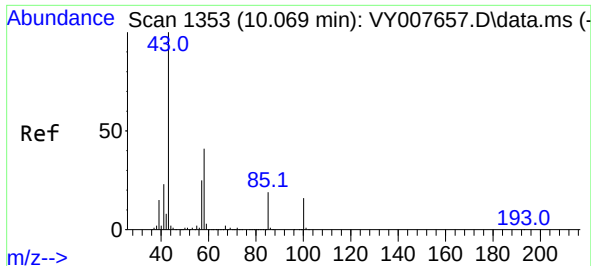
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#50
Toluene-d8
Concen: 47.117 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Tgt Ion: 98 Resp: 417430
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2





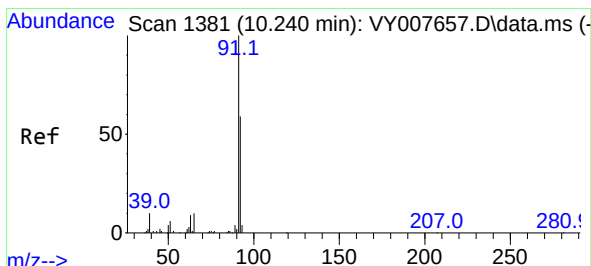
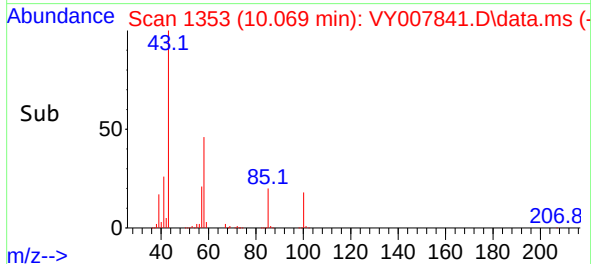
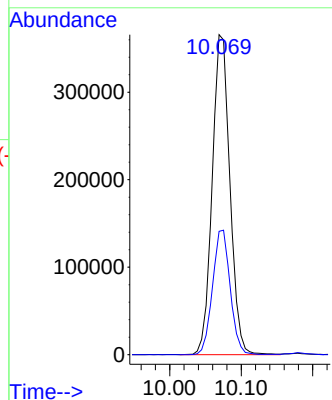
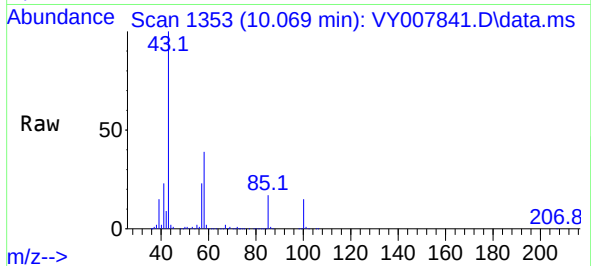
#51
4-Methyl-2-Pentanone
Concen: 303.277 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 62754
Ion Ratio Lower Upper
43 100
58 39.0 28.1 42.1

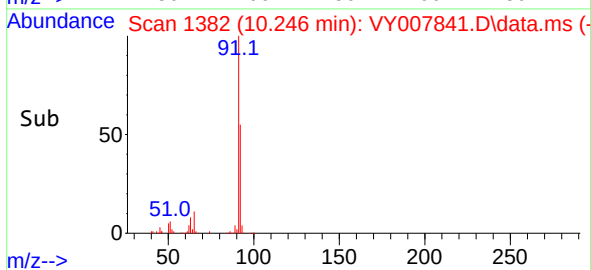
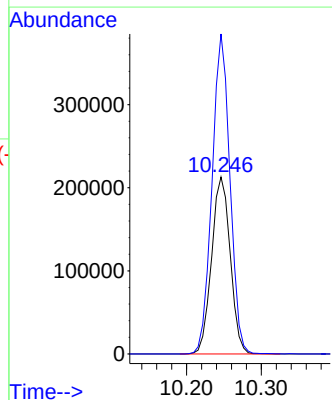
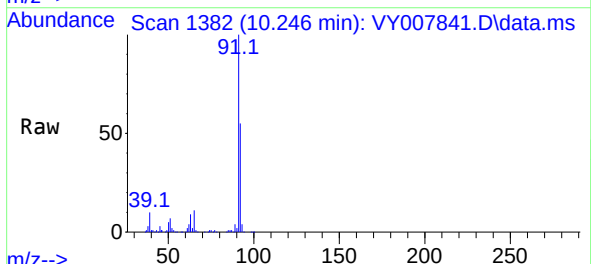
Manual Integrations
APPROVED

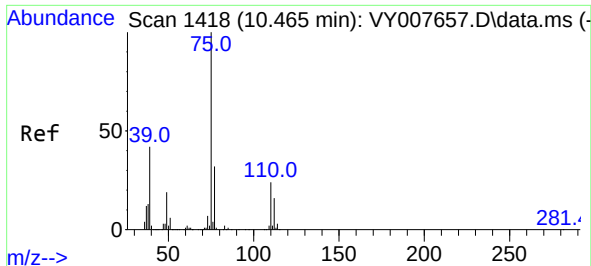
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#52
Toluene
Concen: 54.228 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

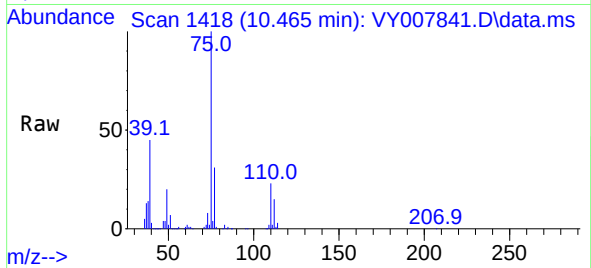
Tgt Ion: 92 Resp: 369453
Ion Ratio Lower Upper
92 100
91 173.8 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 54.027 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

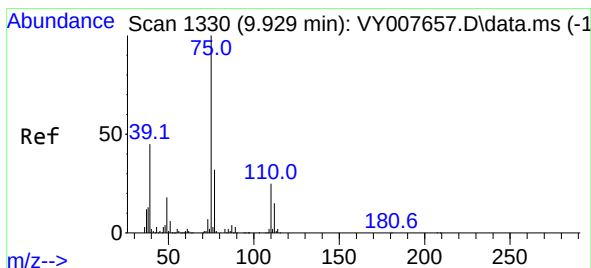
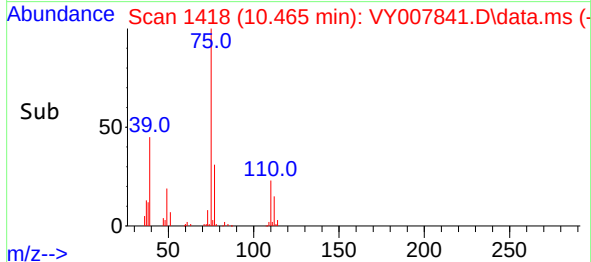
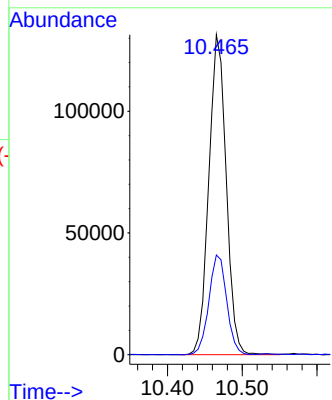
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 212798
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

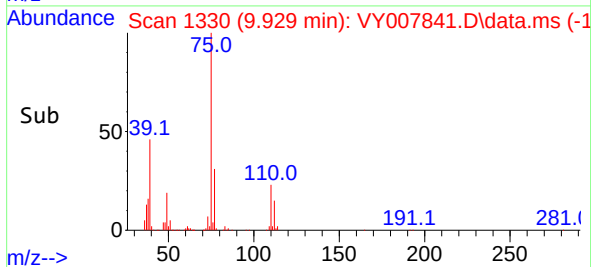
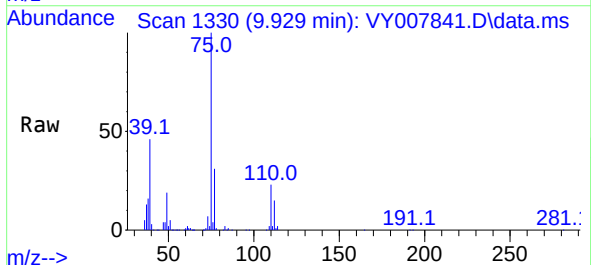
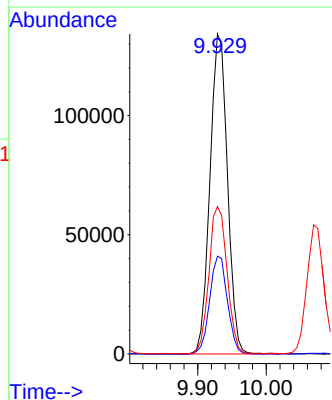
Manual Integrations
APPROVED

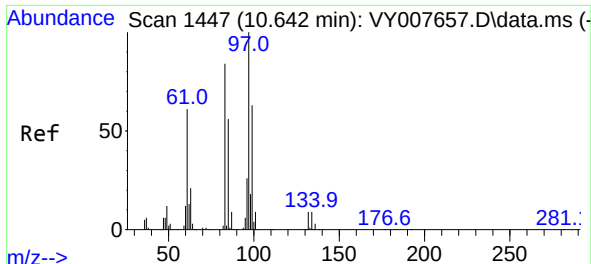
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#54
cis-1,3-Dichloropropene
Concen: 54.614 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

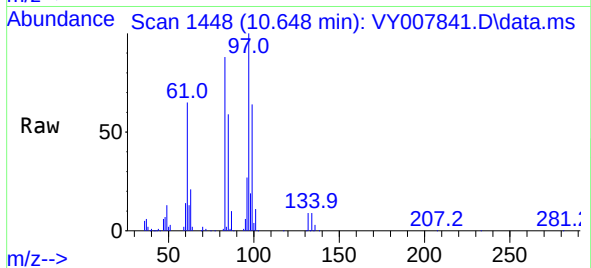
Tgt Ion: 75 Resp: 237658
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4
39 46.0 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 57.495 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

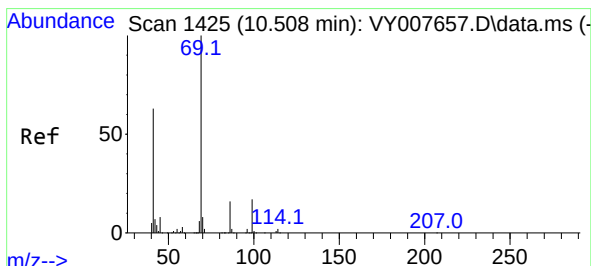
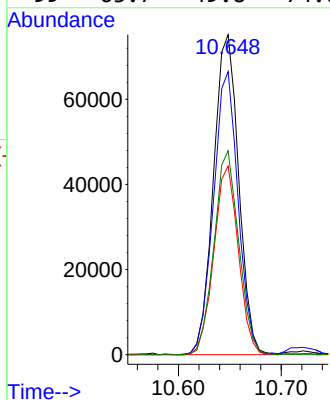
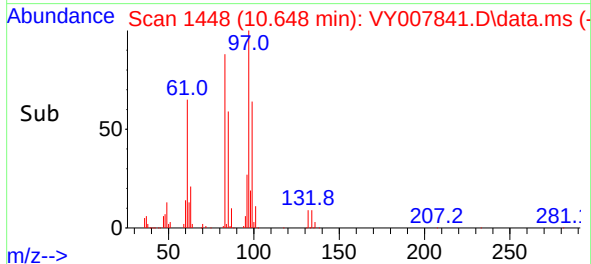
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



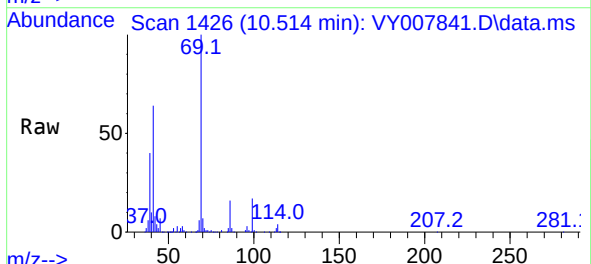
Tgt Ion: 97 Resp: 127935
Ion Ratio Lower Upper
97 100
83 88.4 69.8 104.8
85 58.9 44.3 66.5
99 63.7 49.8 74.6

Manual Integrations
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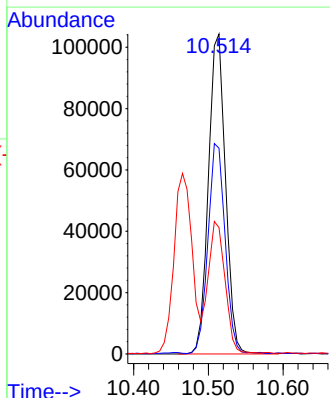
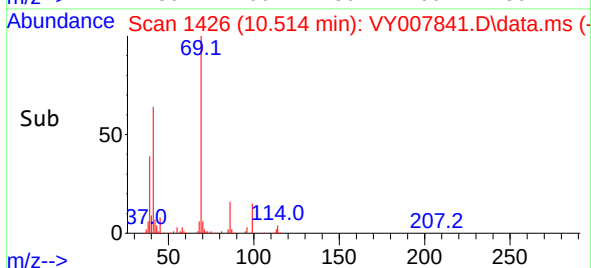
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

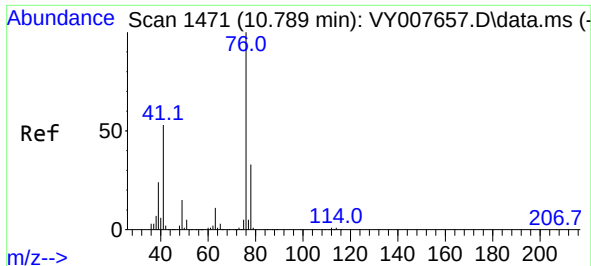


#56
Ethyl methacrylate
Concen: 56.105 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



Tgt Ion: 69 Resp: 165745
Ion Ratio Lower Upper
69 100
41 66.0 63.4 95.0
39 40.3 35.8 53.8





#57

1,3-Dichloropropane

Concen: 56.379 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY007841.D

Acq: 11 Mar 2022 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 21214

Ion Ratio Lower Upper

76 100

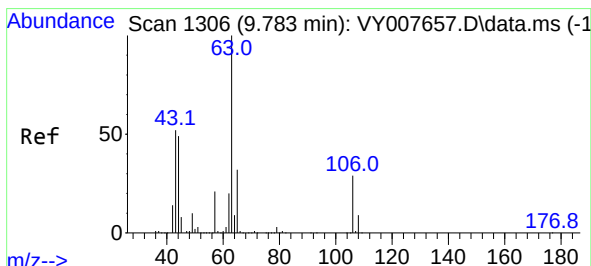
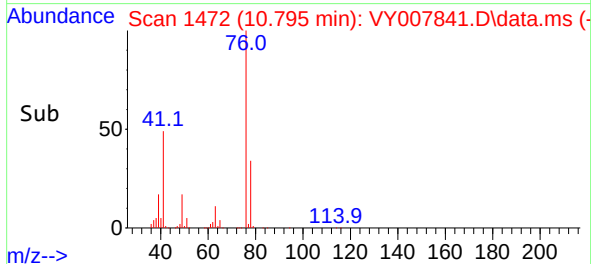
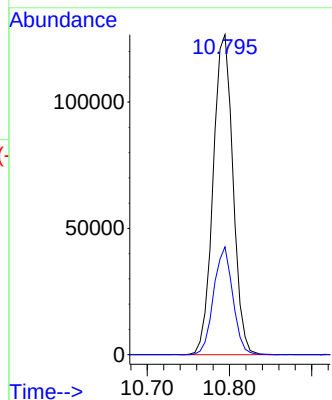
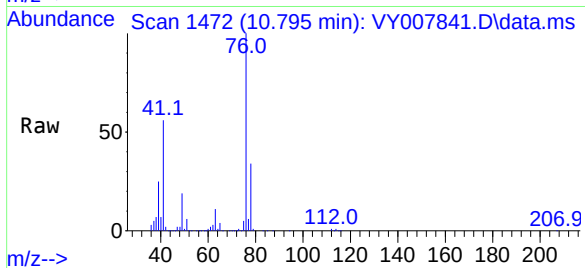
78 32.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 247.583 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY007841.D

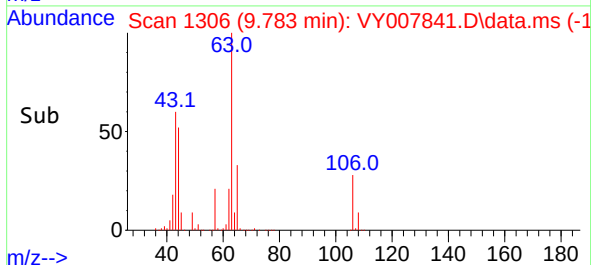
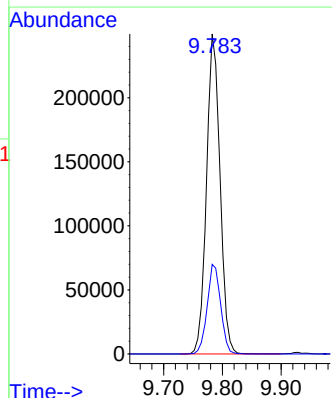
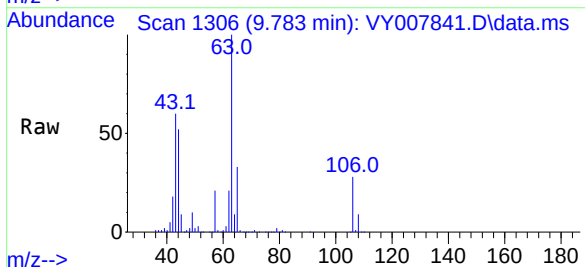
Acq: 11 Mar 2022 09:23

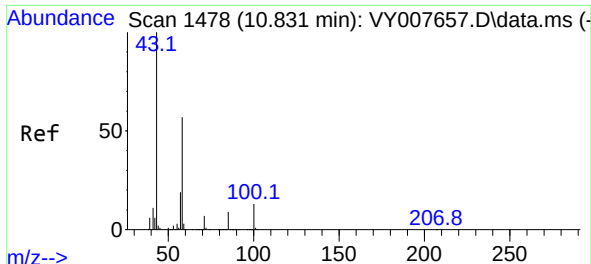
Tgt Ion: 63 Resp: 398882

Ion Ratio Lower Upper

63 100

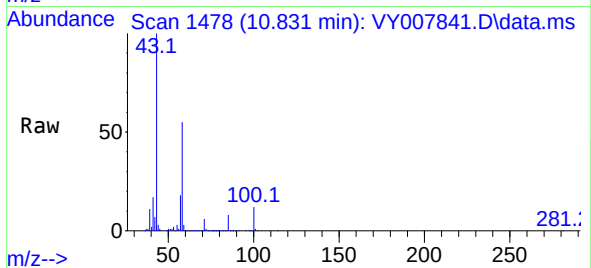
106 27.9 21.5 32.3





#59
2-Hexanone
Concen: 306.123 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

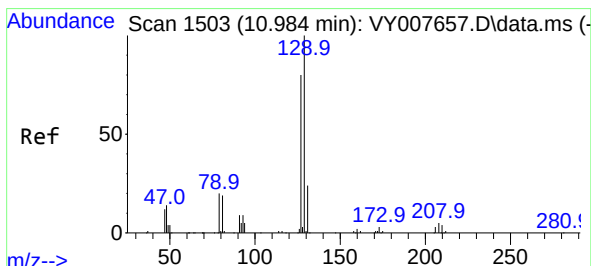
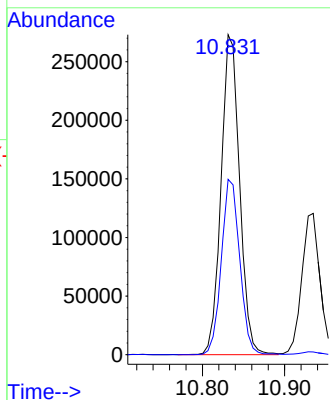
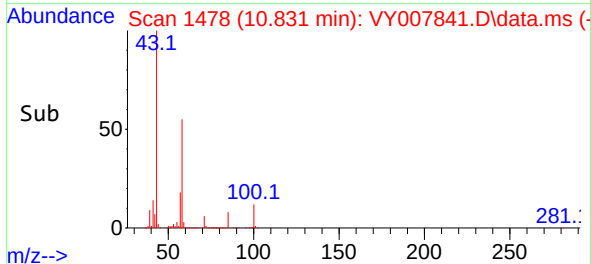
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



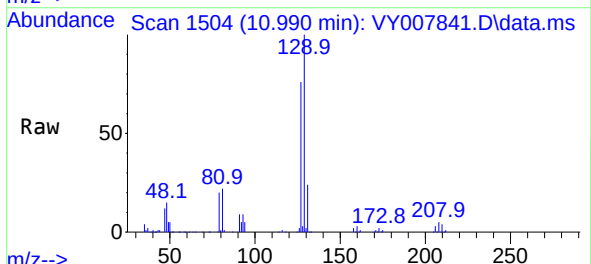
Tgt Ion: 43 Resp: 42656
Ion Ratio Lower Upper
43 100
58 54.5 24.4 73.4

Manual Integrations
APPROVED

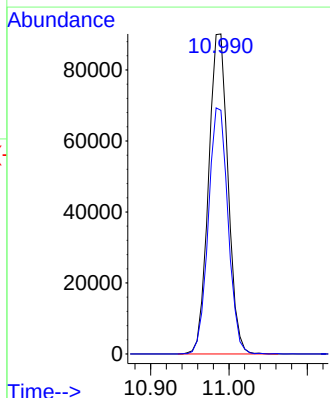
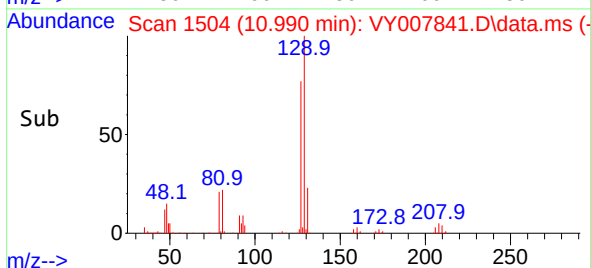
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

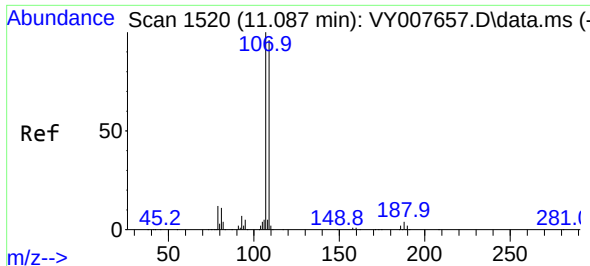


#60
Dibromochloromethane
Concen: 58.727 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



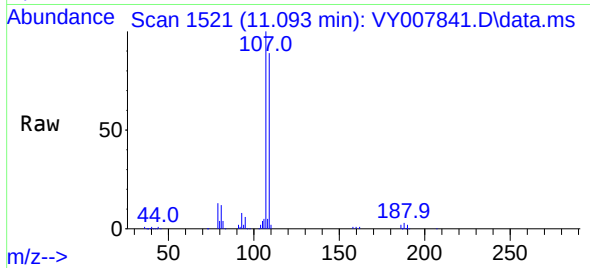
Tgt Ion:129 Resp: 155600
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 55.627 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

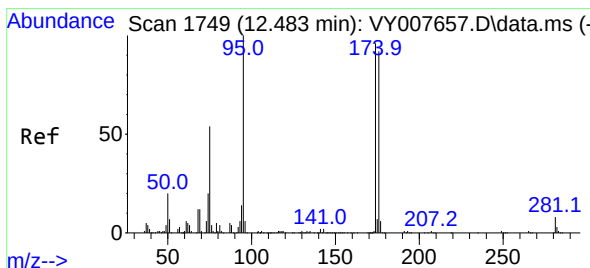
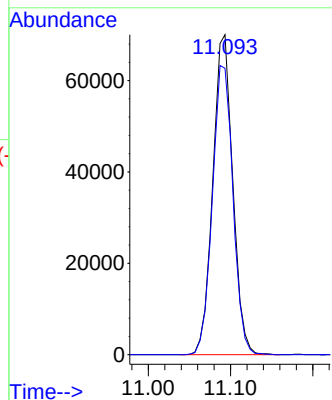
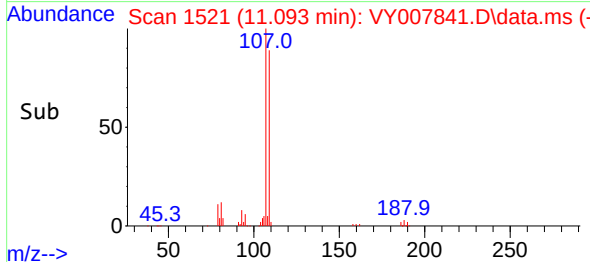
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



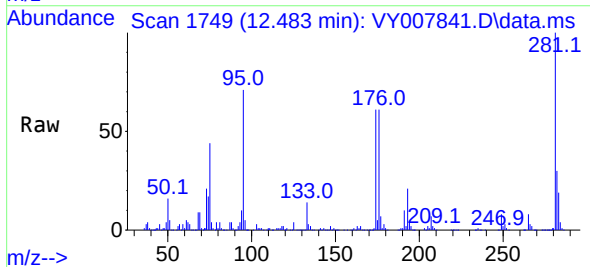
Tgt Ion:107 Resp: 11798
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.2

Manual Integrations
APPROVED

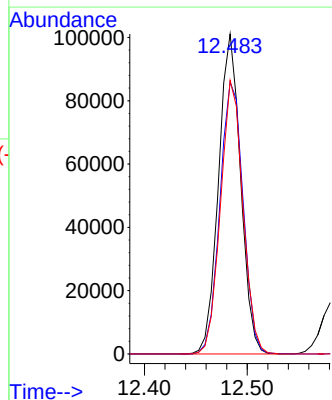
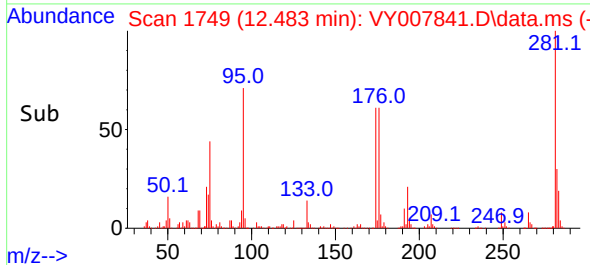
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

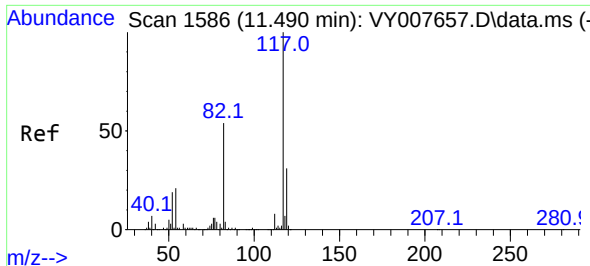


#62
4-Bromofluorobenzene
Concen: 52.685 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



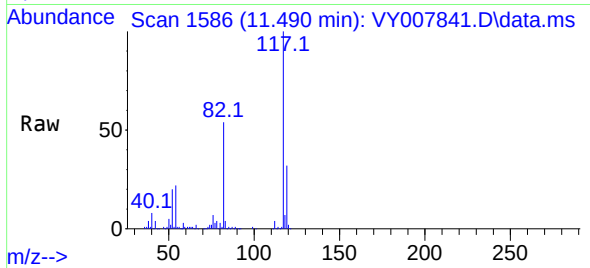
Tgt Ion: 95 Resp: 150457
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 86.6 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

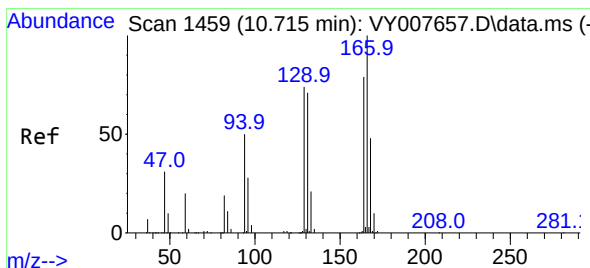
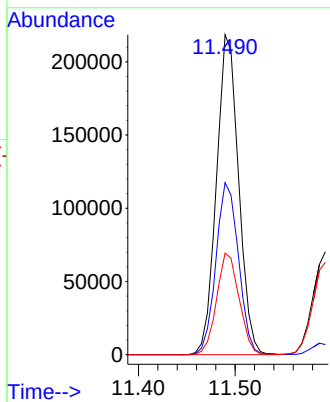
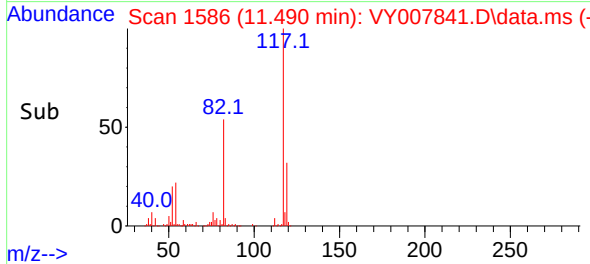
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



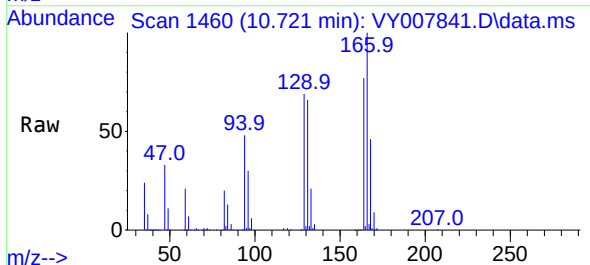
Tgt Ion:117 Resp: 347549
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.8 25.4 38.0

Manual Integrations
APPROVED

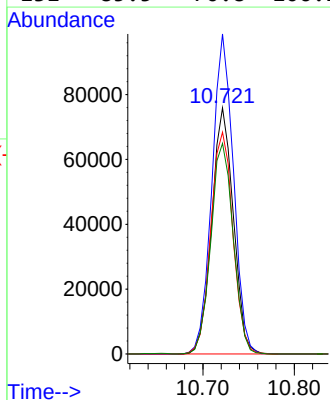
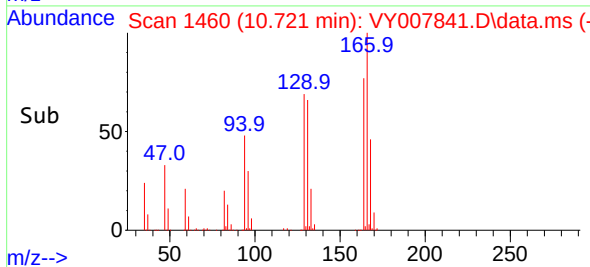
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

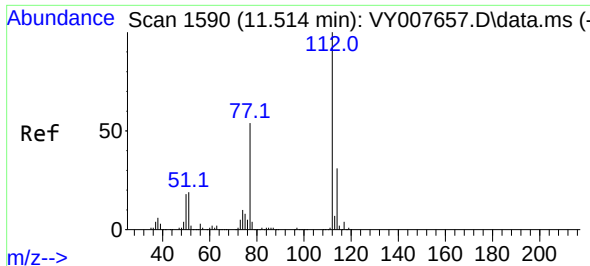


#64
Tetrachloroethene
Concen: 48.462 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



Tgt Ion:164 Resp: 124846
Ion Ratio Lower Upper
164 100
166 130.0 100.4 150.6
129 90.1 71.4 107.0
131 85.5 70.8 106.2





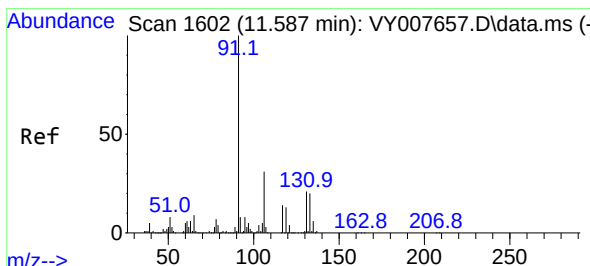
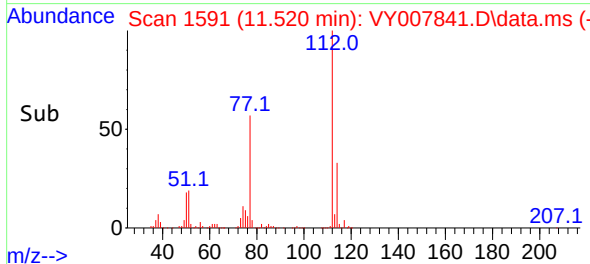
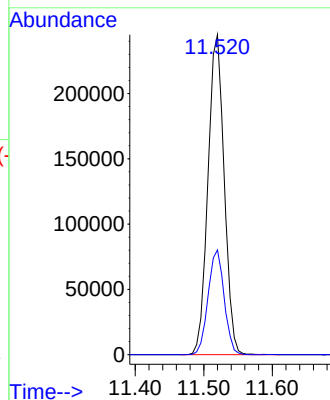
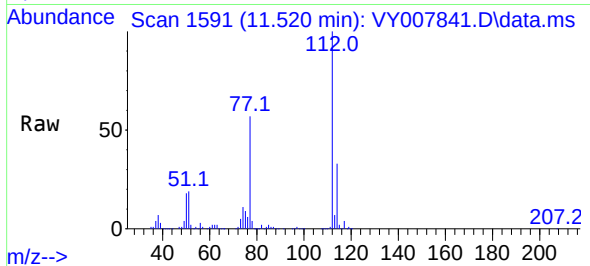
#65
Chlorobenzene
Concen: 53.267 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 40333
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6

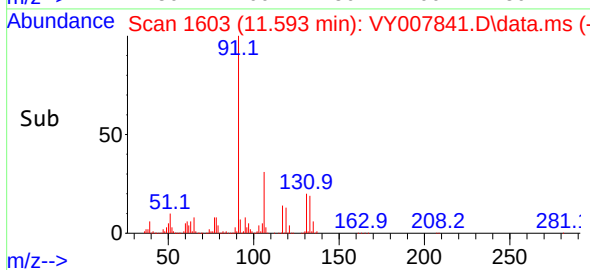
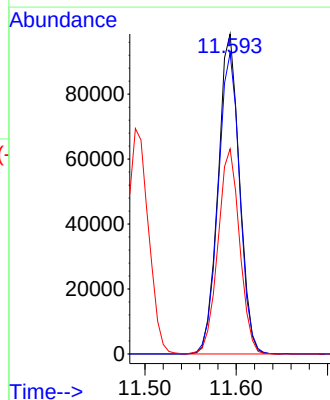
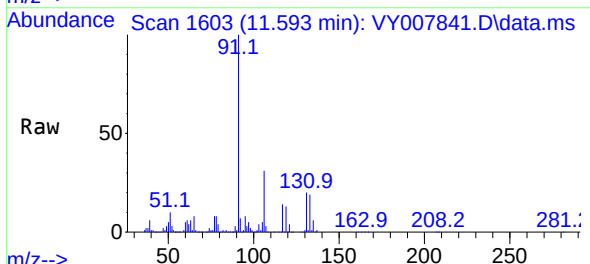
Manual Integrations
APPROVED

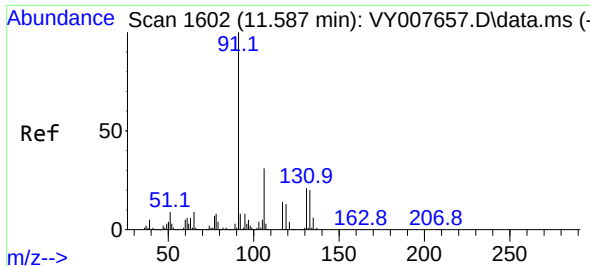
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 56.324 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Tgt Ion:131 Resp: 159481
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 65.1 30.8 92.3





#67

Ethyl Benzene

Concen: 53.866 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY007841.D

Acq: 11 Mar 2022 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 73553

Ion Ratio Lower Upper

91 100

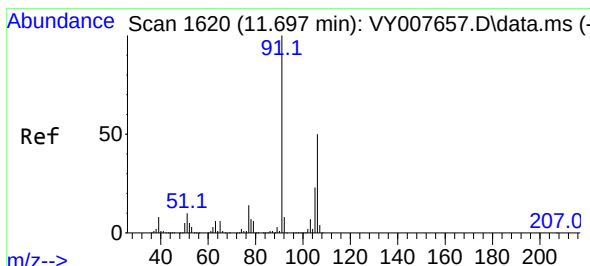
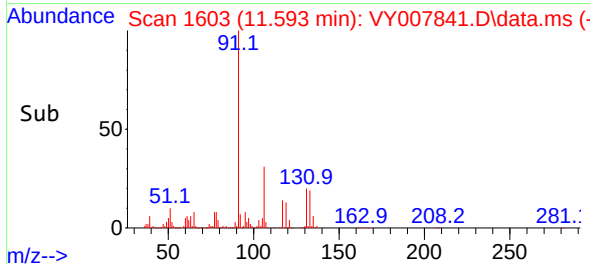
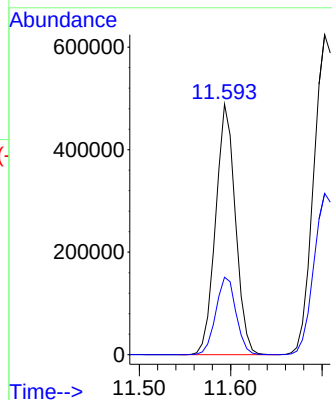
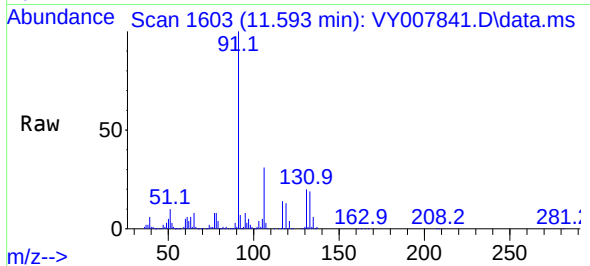
106 30.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#68

m/p-Xylenes

Concen: 108.652 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY007841.D

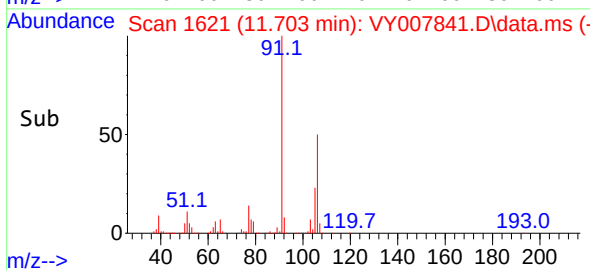
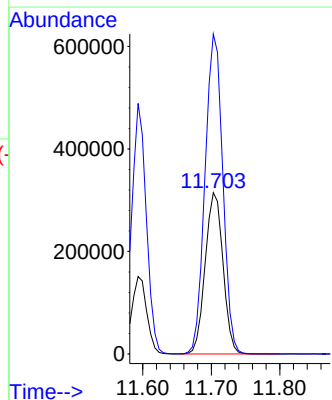
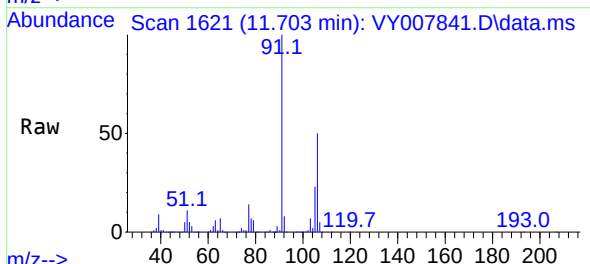
Acq: 11 Mar 2022 09:23

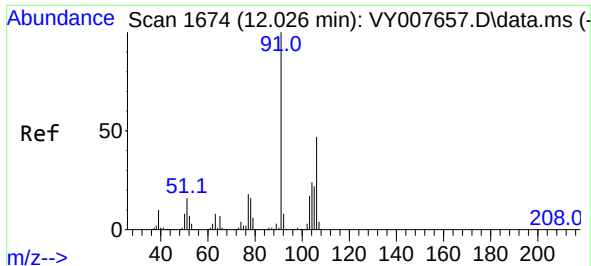
Tgt Ion:106 Resp: 569259

Ion Ratio Lower Upper

106 100

91 197.4 166.6 249.8





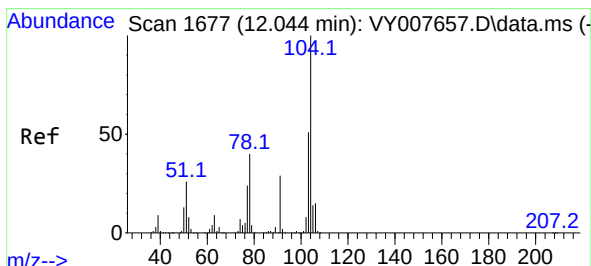
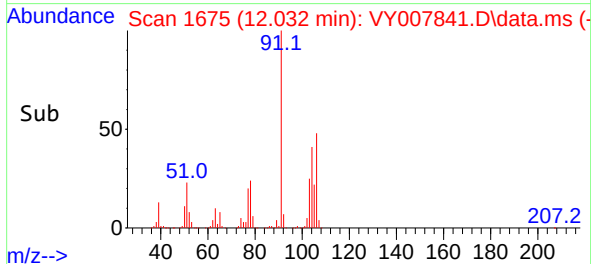
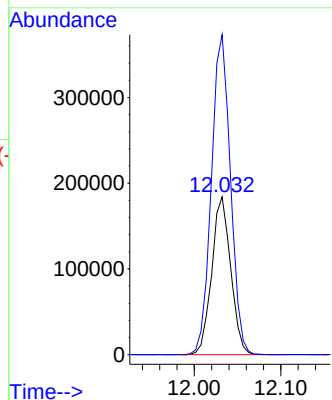
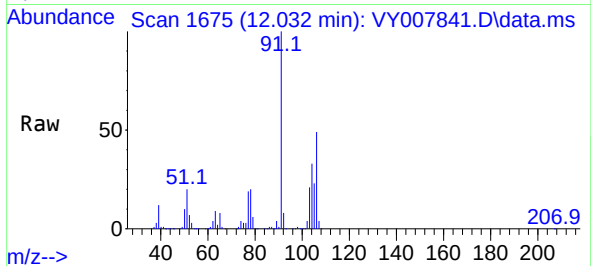
#69
o-Xylene
Concen: 56.326 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 279652
Ion Ratio Lower Upper
106 100
91 204.5 110.3 331.0

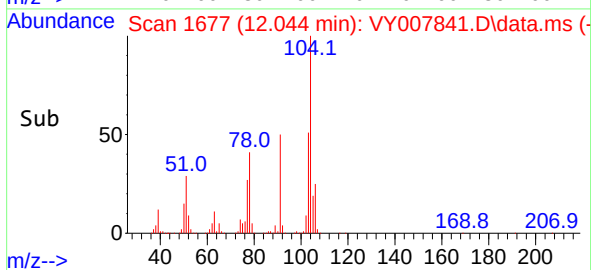
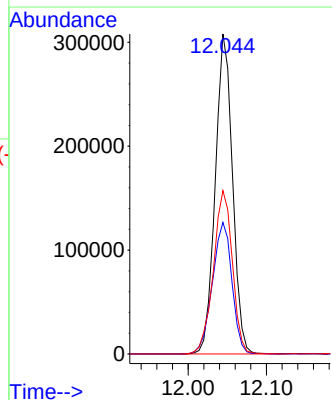
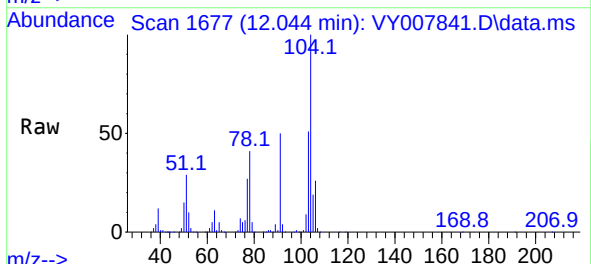
Manual Integrations
APPROVED

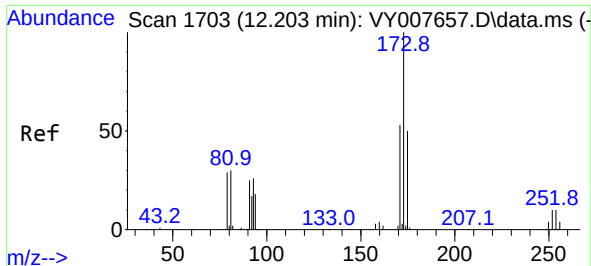
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#70
Styrene
Concen: 56.811 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

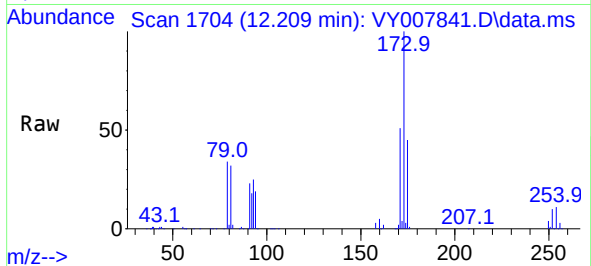
Tgt Ion:104 Resp: 472283
Ion Ratio Lower Upper
104 100
78 46.5 42.4 63.6
103 56.1 44.4 66.6





#71
Bromoform
Concen: 56.946 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

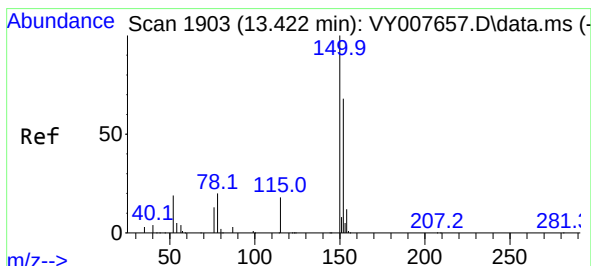
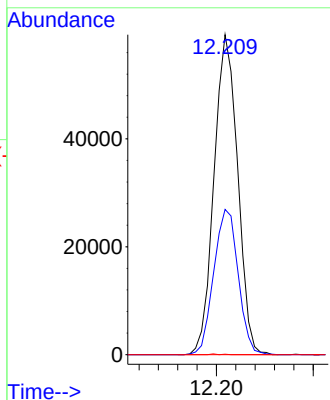
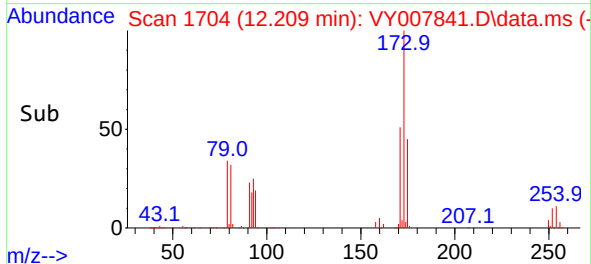
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



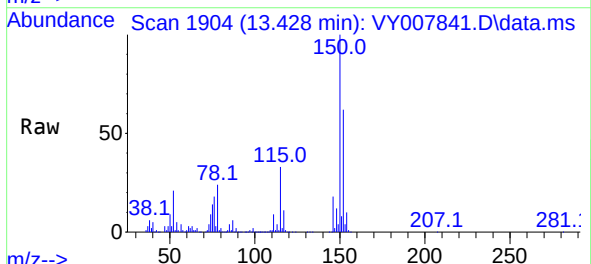
Tgt Ion:173 Resp: 100395
Ion Ratio Lower Upper
173 100
175 47.0 24.6 74.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

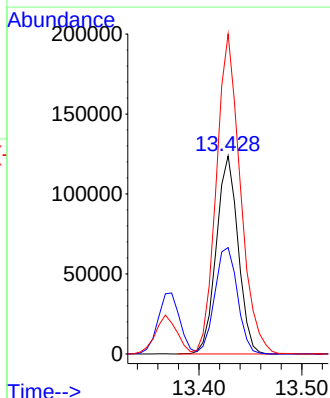
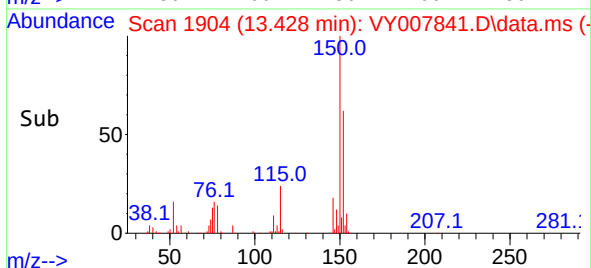
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

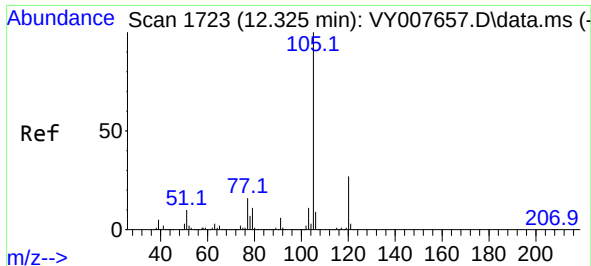


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



Tgt Ion:152 Resp: 182093
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 178.2 0.0 347.6





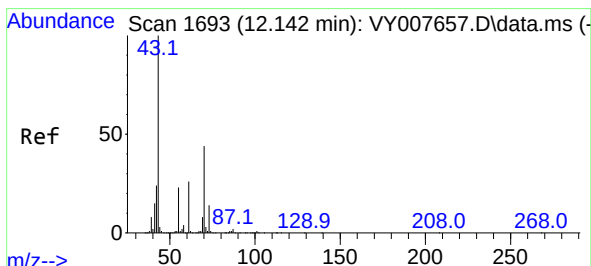
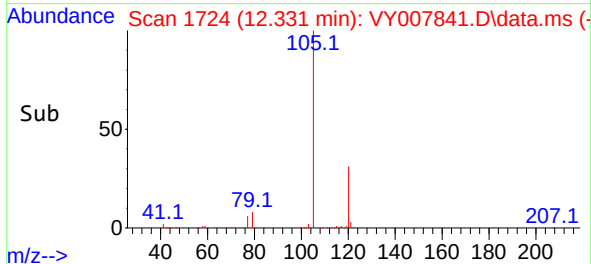
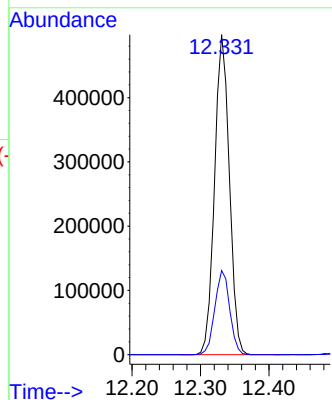
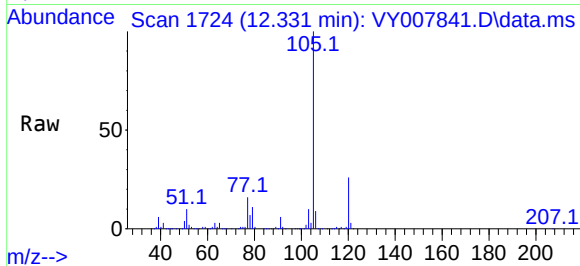
#73
Isopropylbenzene
Concen: 52.464 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 744254
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2

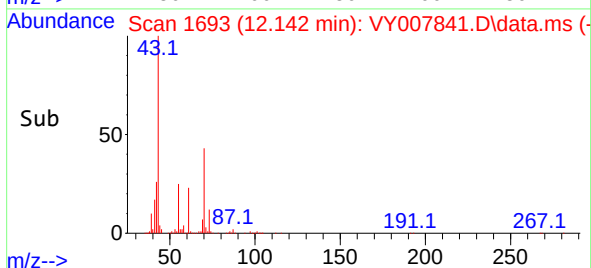
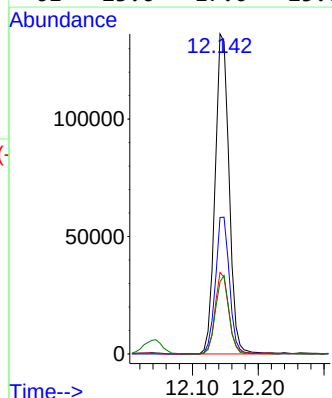
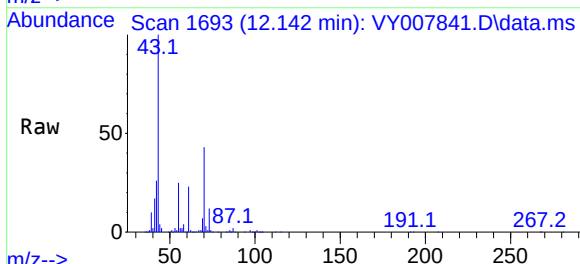
Manual Integrations
APPROVED

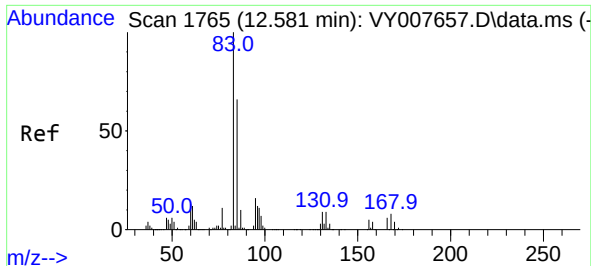
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#74
N-ethyl acetate
Concen: 53.558 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

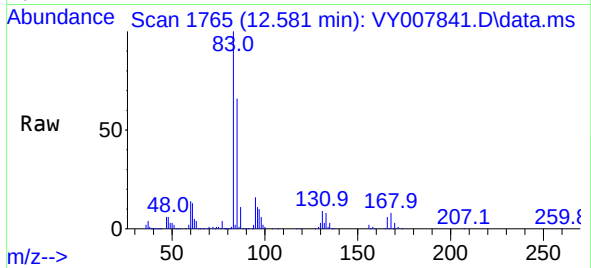
Tgt Ion: 43 Resp: 202251
Ion Ratio Lower Upper
43 100
70 42.8 28.7 43.1
55 24.8 17.3 25.9
61 23.6 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 54.540 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

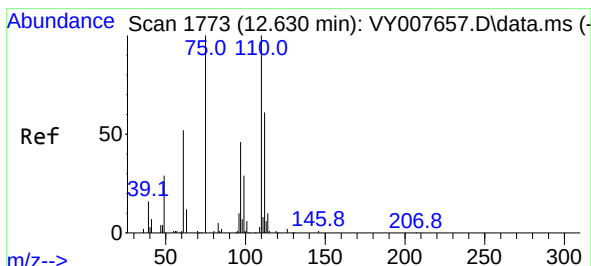
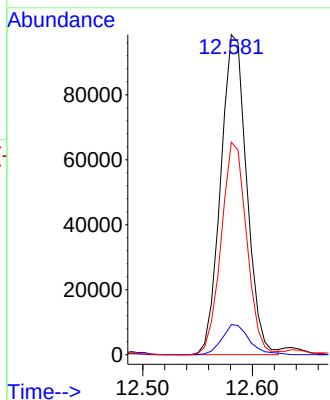
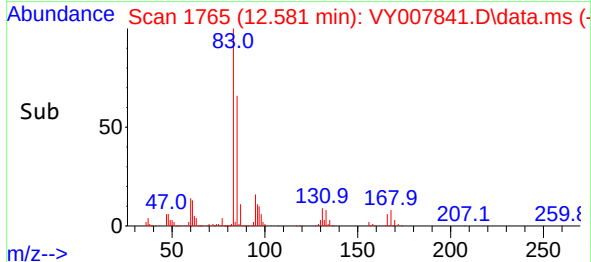
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



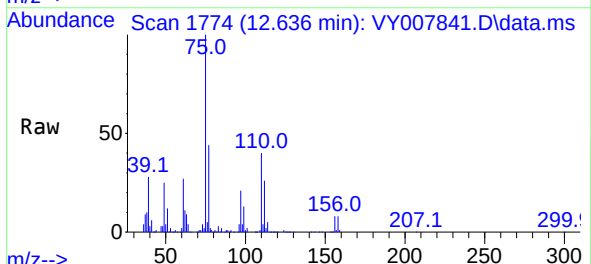
Tgt Ion: 83 Resp: 162274
Ion Ratio Lower Upper
83 100
131 9.8 5.6 16.8
85 65.2 32.3 96.8

Manual Integrations
APPROVED

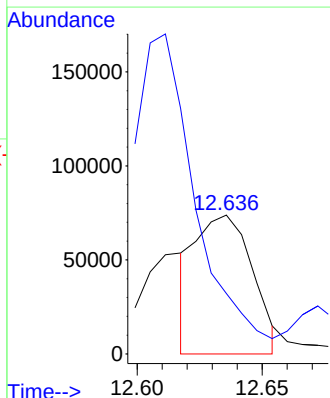
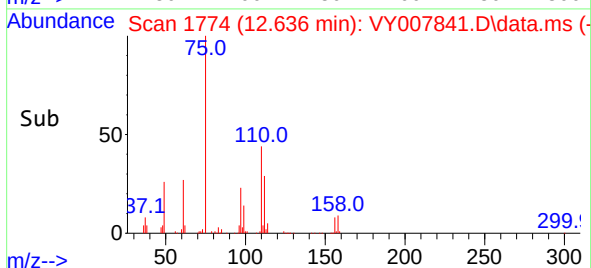
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

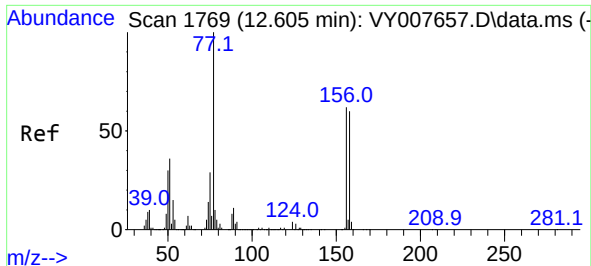


#76
1,2,3-Trichloropropane
Concen: 57.576 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



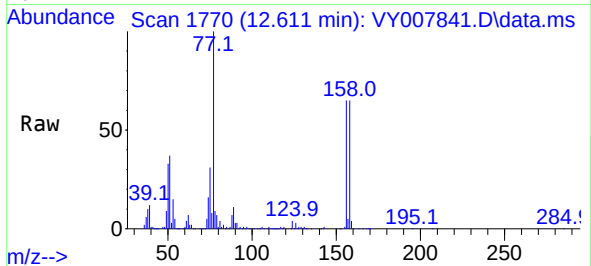
Tgt Ion: 75 Resp: 117083
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 52.394 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

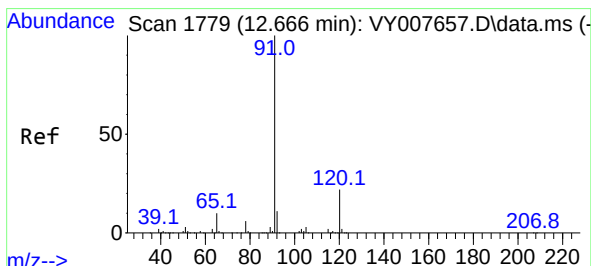
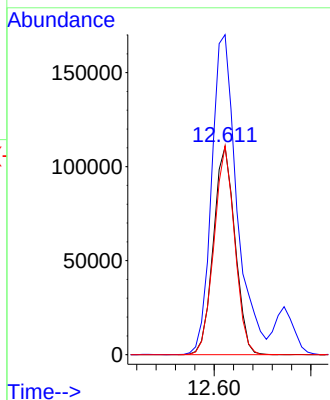
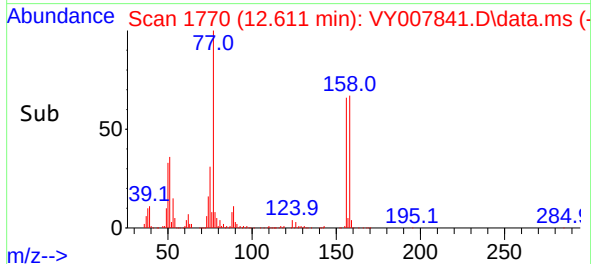
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



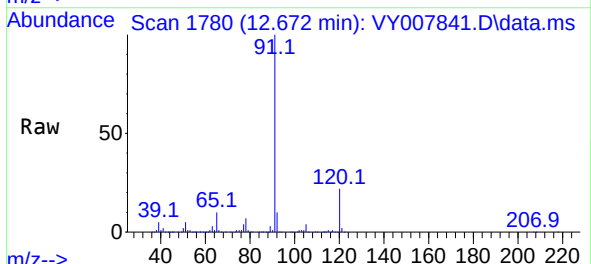
Tgt Ion:156 Resp: 171199
Ion Ratio Lower Upper
156 100
77 180.4 95.5 286.4
158 96.2 48.0 144.0

Manual Integrations
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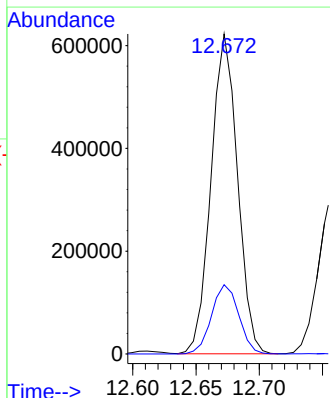
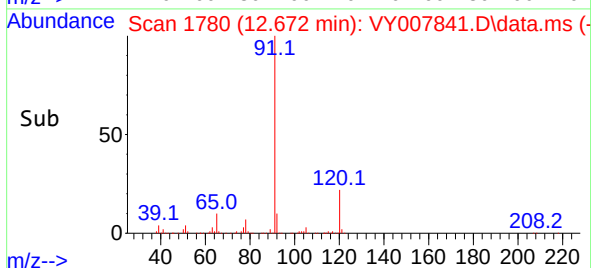
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

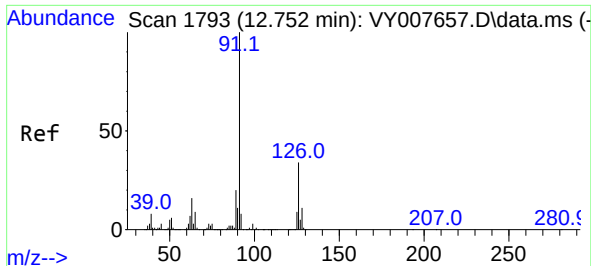


#78
n-propylbenzene
Concen: 52.838 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



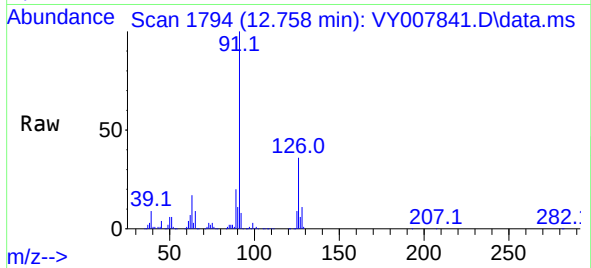
Tgt Ion: 91 Resp: 904484
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.9





#79
2-Chlorotoluene
Concen: 52.859 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

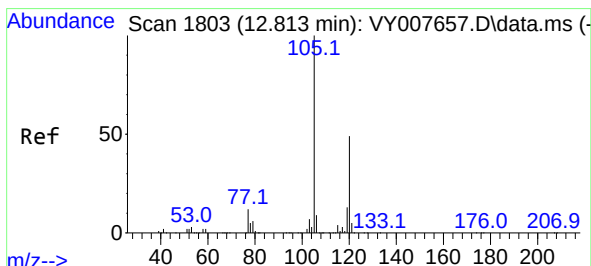
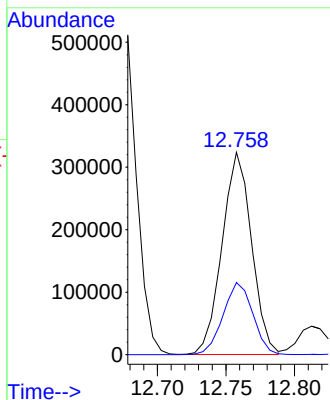
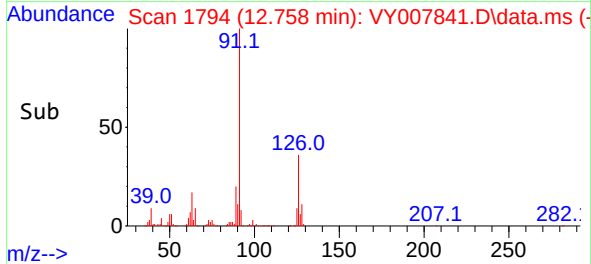
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



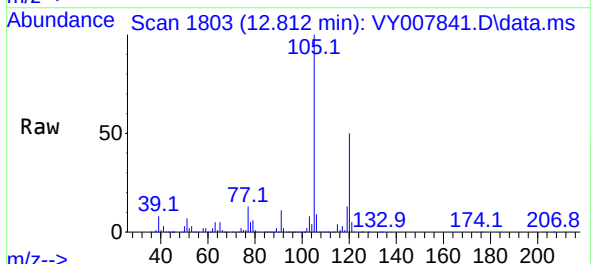
Tgt Ion: 91 Resp: 484189
Ion Ratio Lower Upper
91 100
126 36.0 16.9 50.6

Manual Integrations
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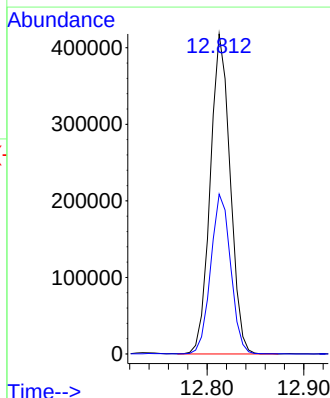
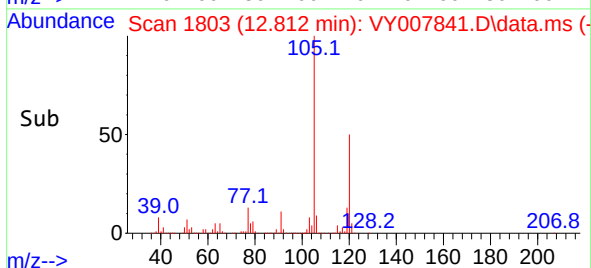
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

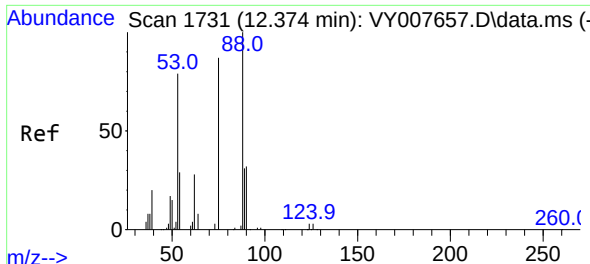


#80
1,3,5-Trimethylbenzene
Concen: 52.644 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



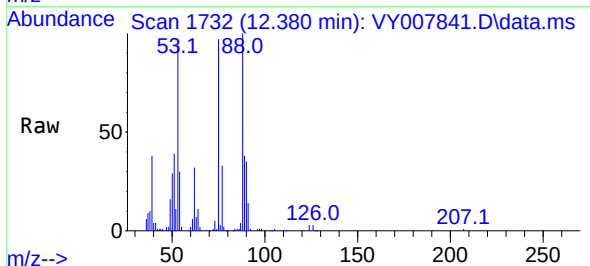
Tgt Ion:105 Resp: 597149
Ion Ratio Lower Upper
105 100
120 50.1 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 47.804 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

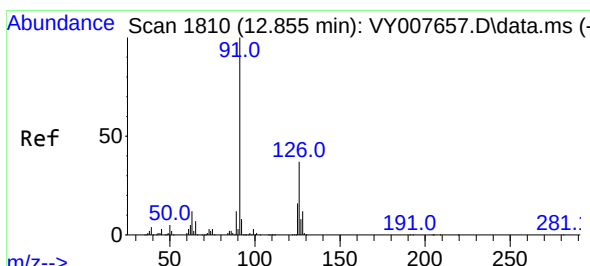
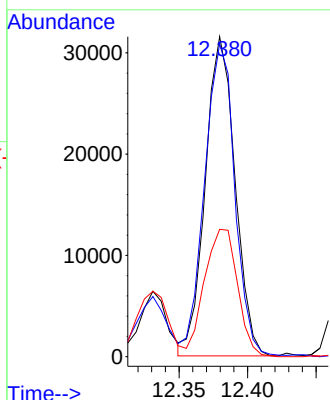
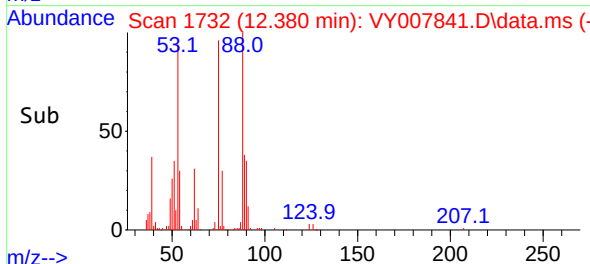
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



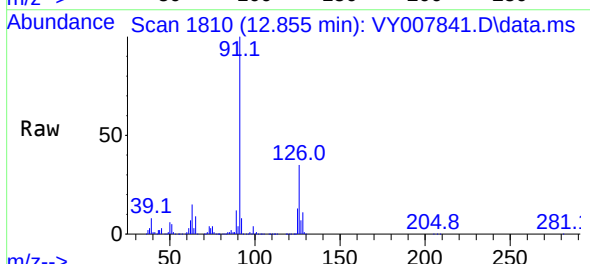
Tgt Ion: 75 Resp: 4755
Ion Ratio Lower Upper
75 100
53 99.1 85.3 127.9
89 44.1 37.0 55.4

Manual Integrations
APPROVED

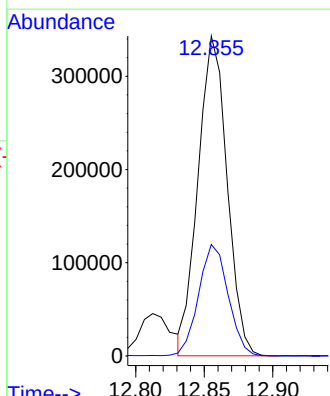
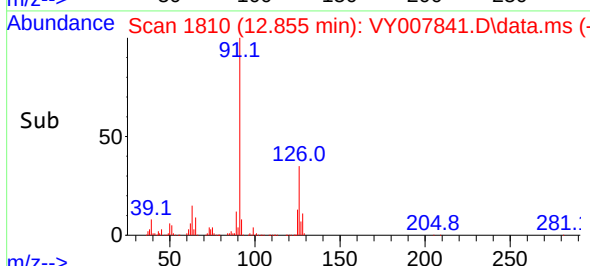
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

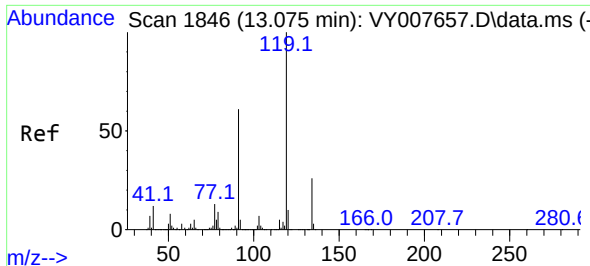


#82
4-Chlorotoluene
Concen: 53.657 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



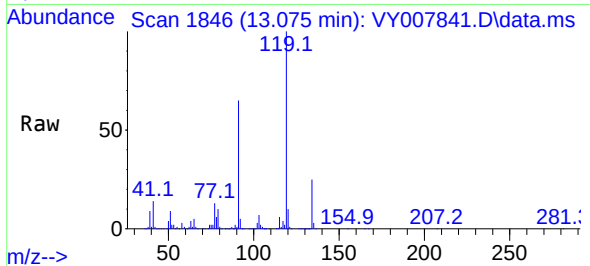
Tgt Ion: 91 Resp: 505559
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0





#83
tert-Butylbenzene
Concen: 52.073 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

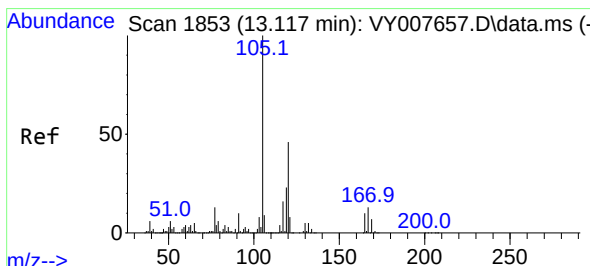
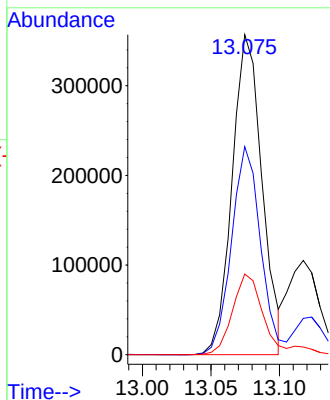
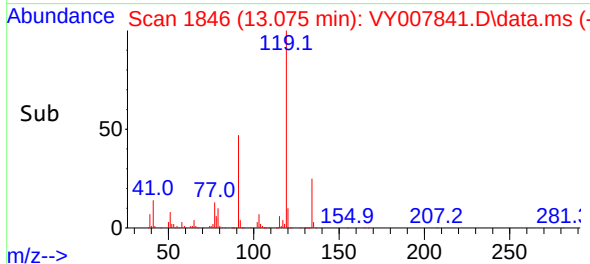
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



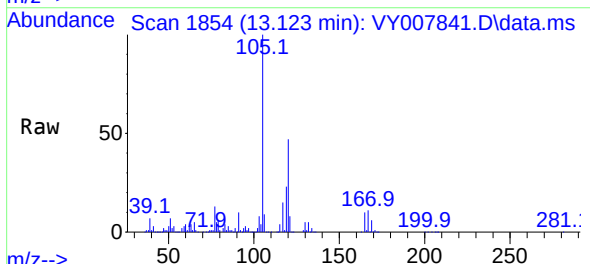
Tgt Ion:119 Resp: 543319
Ion Ratio Lower Upper
119 100
91 63.5 34.8 104.4
134 27.0 13.3 39.9

Manual Integrations
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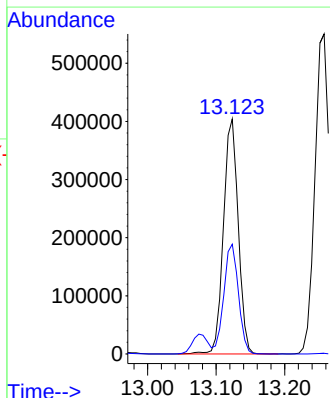
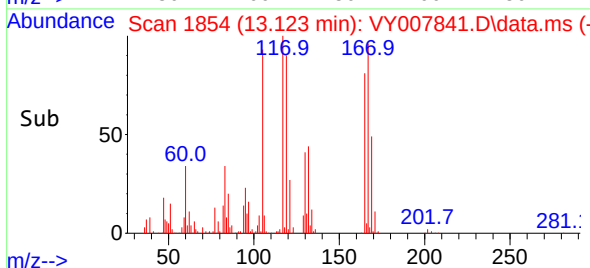
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

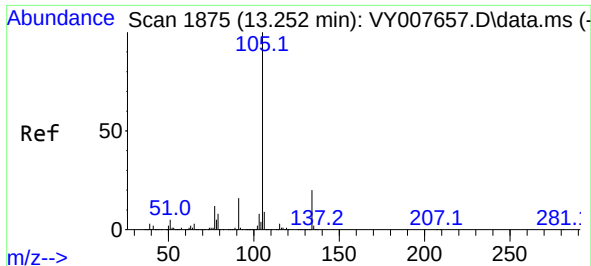


#84
1,2,4-Trimethylbenzene
Concen: 53.946 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



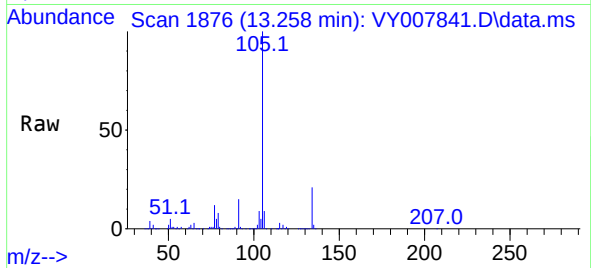
Tgt Ion:105 Resp: 602746
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 53.899 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY007841.D
 Acq: 11 Mar 2022 09:23

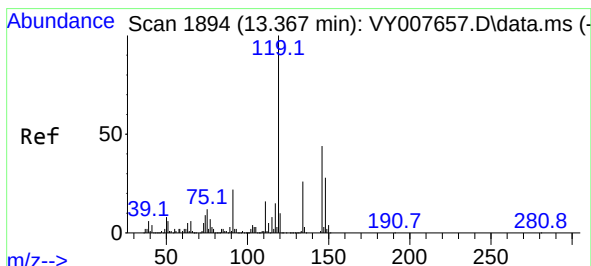
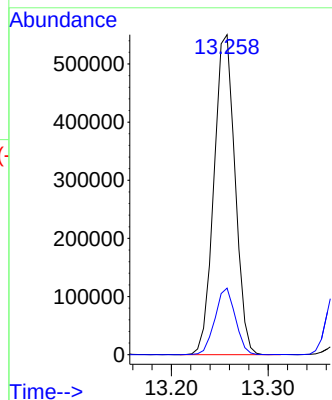
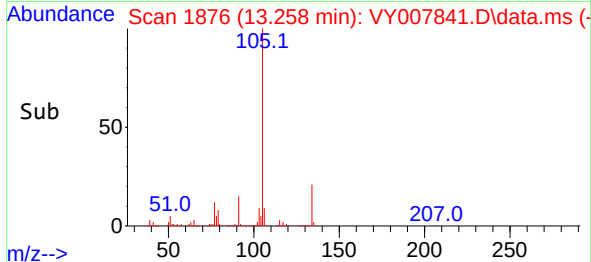
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



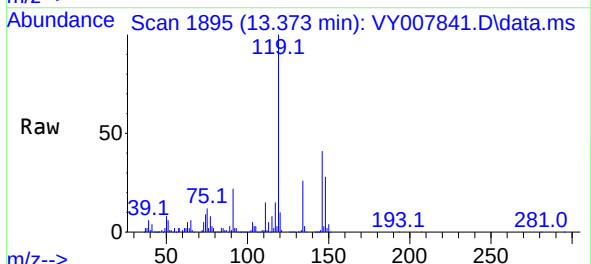
Tgt Ion:105 Resp: 831899
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

Manual Integrations
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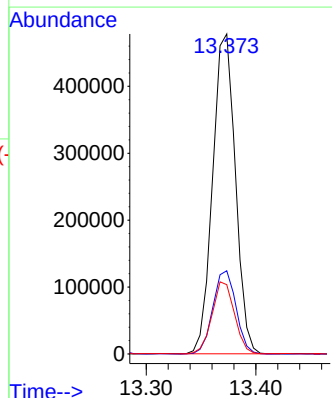
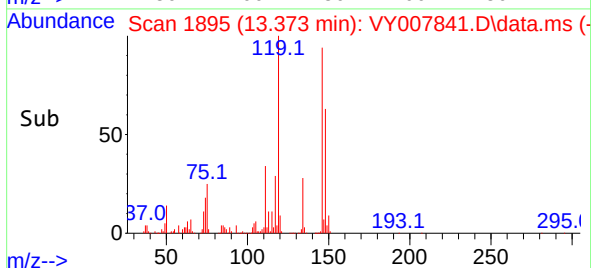
Reviewed By :John Carlone 03/14/2022
 Supervised By :Mahesh Dadoda 03/14/2022

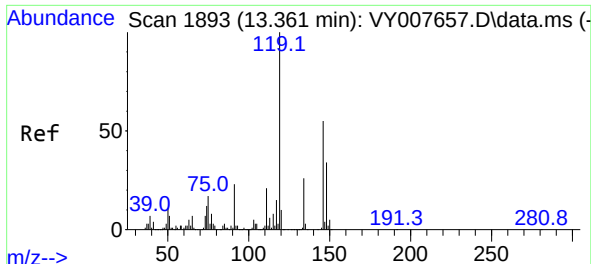


#86
 p-Isopropyltoluene
 Concen: 54.084 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY007841.D
 Acq: 11 Mar 2022 09:23



Tgt Ion:119 Resp: 689457
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 22.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 53.817 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY007841.D

Acq: 11 Mar 2022 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

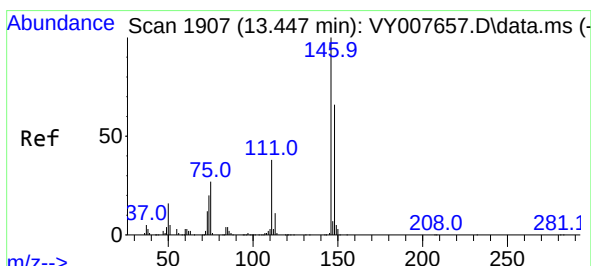
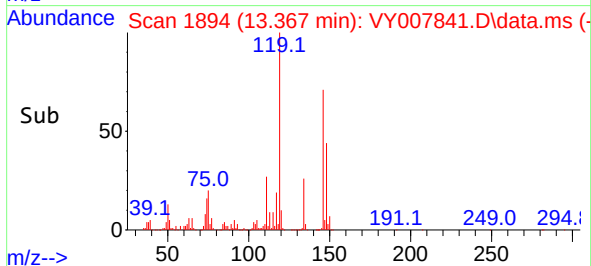
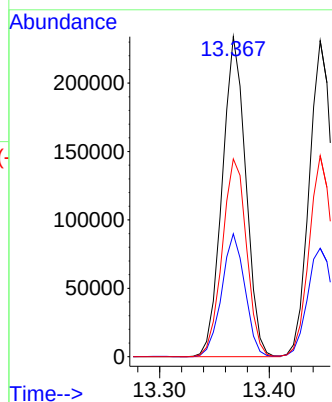
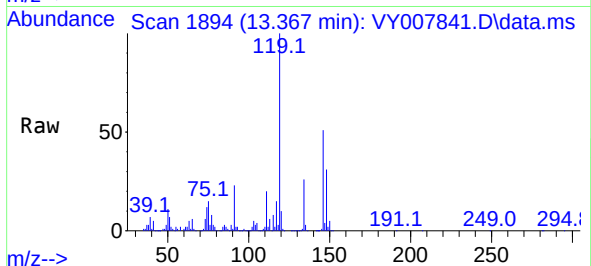
Tgt Ion:146 Resp: 349929
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.5 58.5
 148 63.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2022

Supervised By :Mahesh Dadoda 03/14/2022



#88

1,4-Dichlorobenzene

Concen: 53.884 ug/l

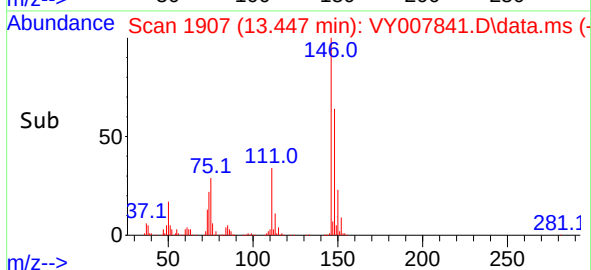
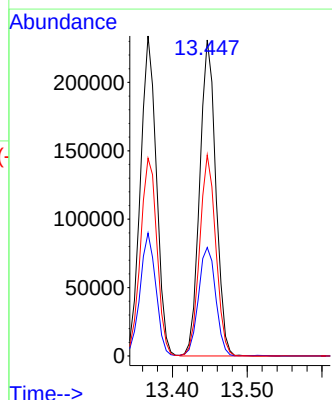
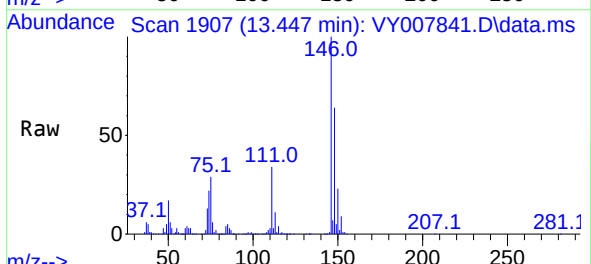
RT: 13.447 min Scan# 1907

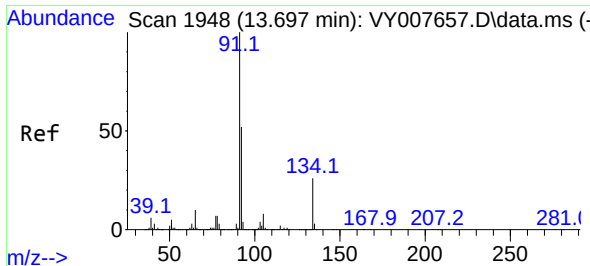
Delta R.T. -0.000 min

Lab File: VY007841.D

Acq: 11 Mar 2022 09:23

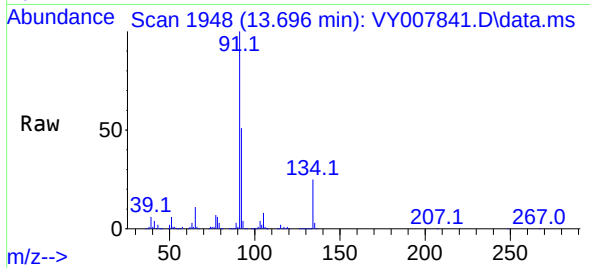
Tgt Ion:146 Resp: 345794
 Ion Ratio Lower Upper
 146 100
 111 36.4 19.3 57.8
 148 63.8 32.6 97.8





#89
n-Butylbenzene
Concen: 54.073 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

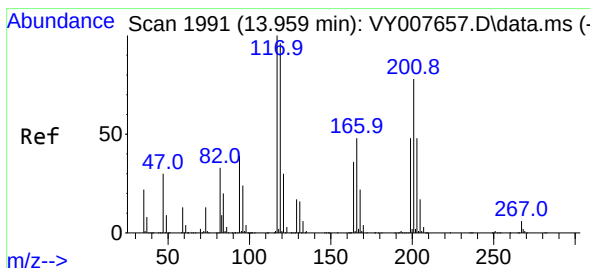
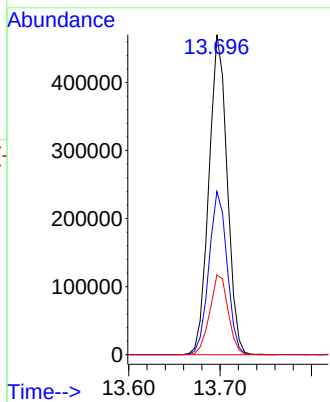
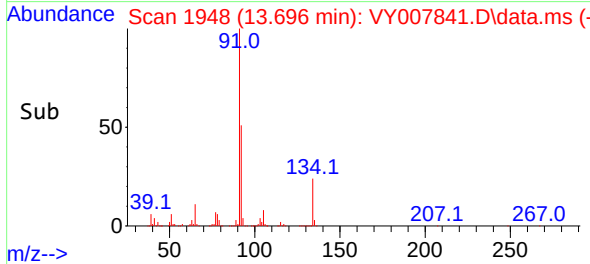
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 651488
Ion Ratio Lower Upper
91 100
92 50.9 26.3 78.9
134 25.2 13.0 38.9

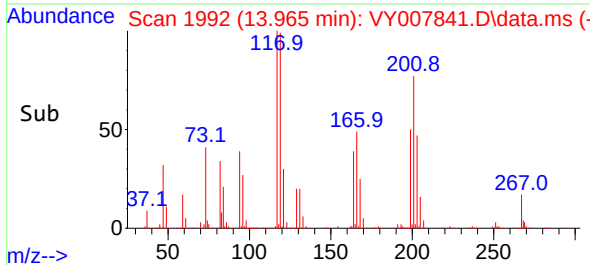
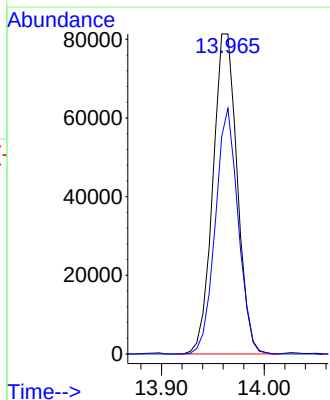
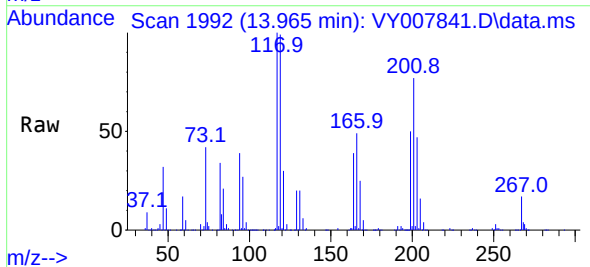
Manual Integrations
APPROVED

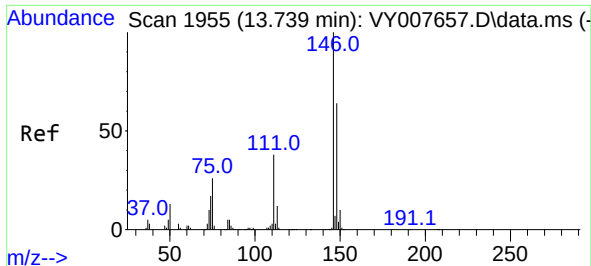
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022



#90
Hexachloroethane
Concen: 55.233 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

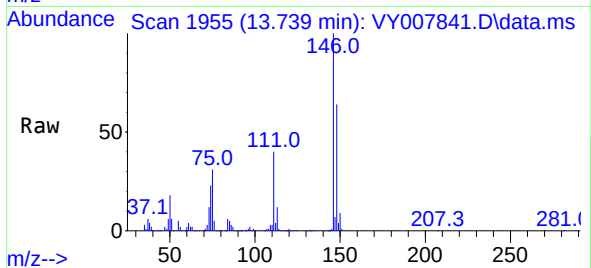
Tgt Ion:117 Resp: 133464
Ion Ratio Lower Upper
117 100
201 72.3 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 54.073 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

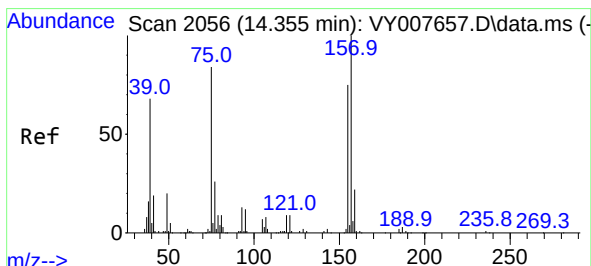
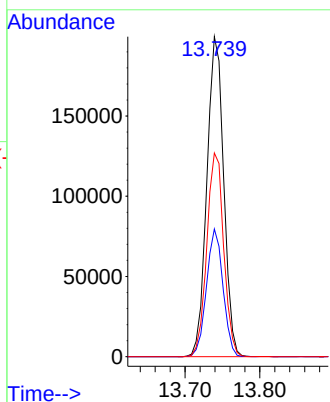
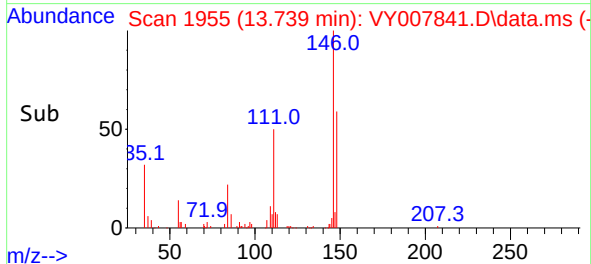
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



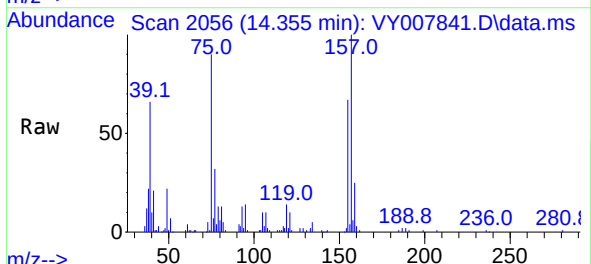
Tgt Ion:146 Resp: 31219
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.9
148 64.0 32.3 96.9

Manual Integrations
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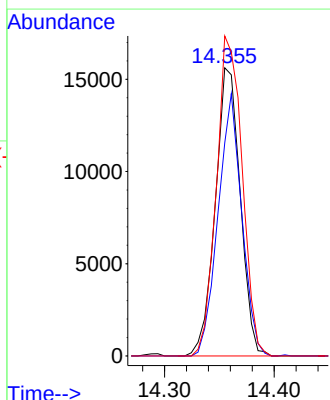
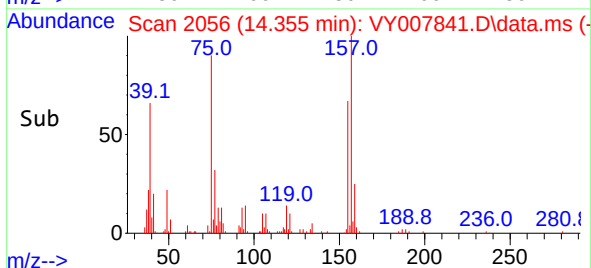
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

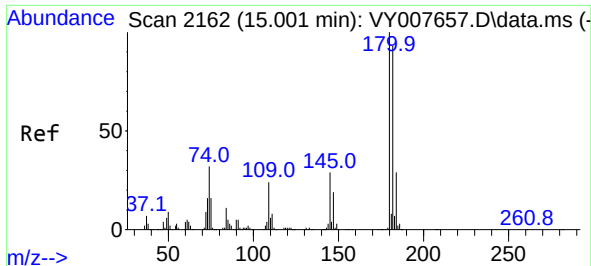


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.853 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



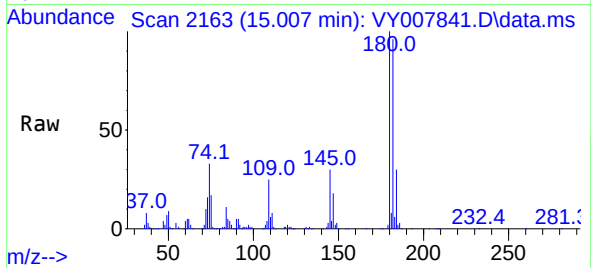
Tgt Ion: 75 Resp: 24716
Ion Ratio Lower Upper
75 100
155 86.3 38.0 113.9
157 114.7 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 49.537 ug/l
RT: 15.007 min Scan# 2162
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

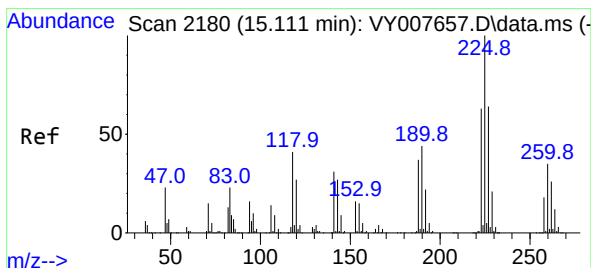
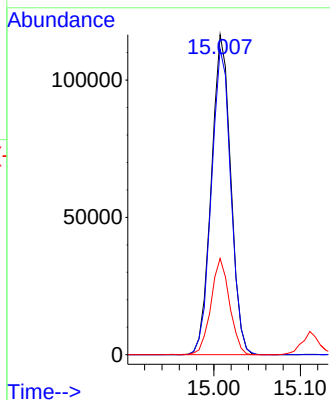
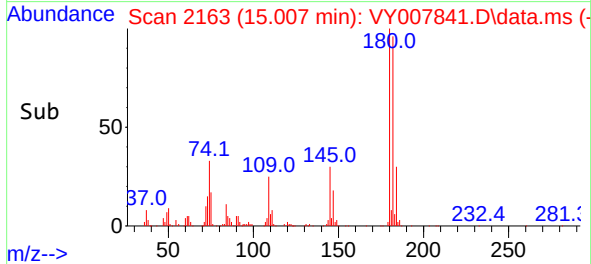
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



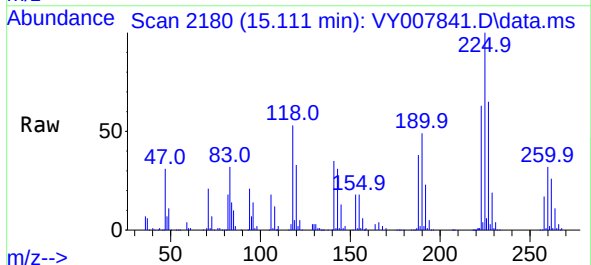
Tgt Ion:180 Resp: 181068
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.9
145 28.9 14.6 43.8

Manual Integrations
APPROVED

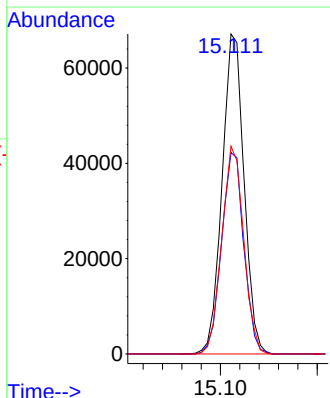
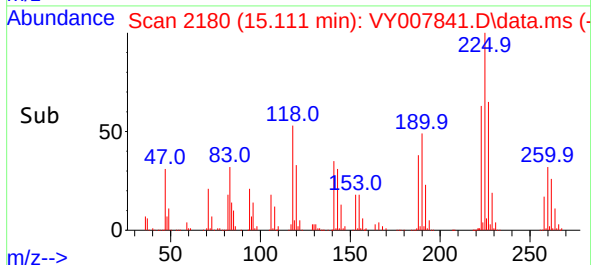
Reviewed By :John Carlone 03/14/2022
Supervised By :Mahesh Dadoda 03/14/2022

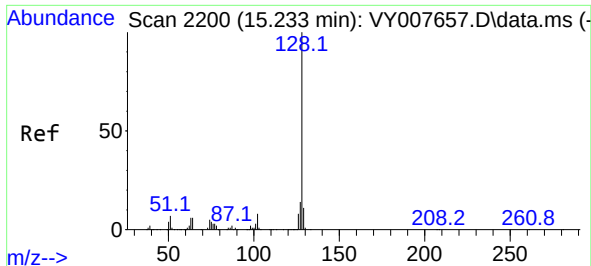


#94
Hexachlorobutadiene
Concen: 48.735 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



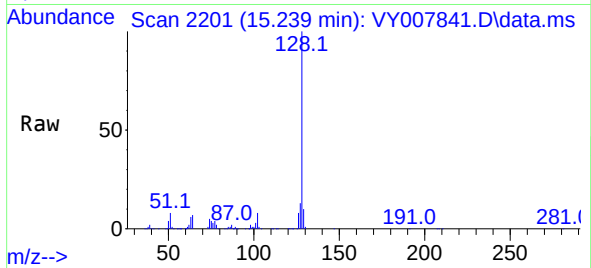
Tgt Ion:225 Resp: 105321
Ion Ratio Lower Upper
225 100
223 63.7 30.8 92.3
227 64.9 31.6 94.7





#95
Naphthalene
Concen: 51.228 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23

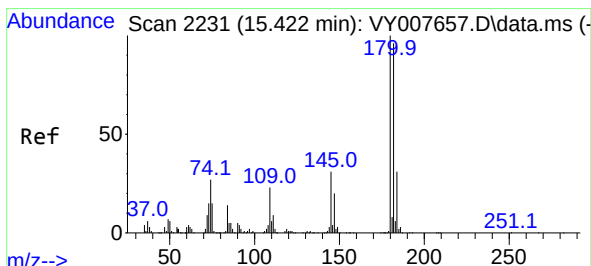
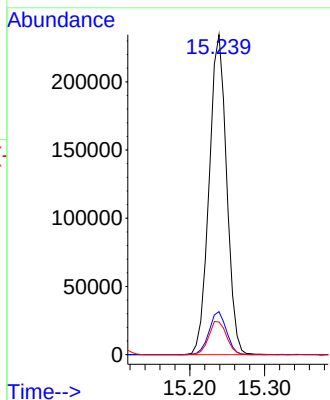
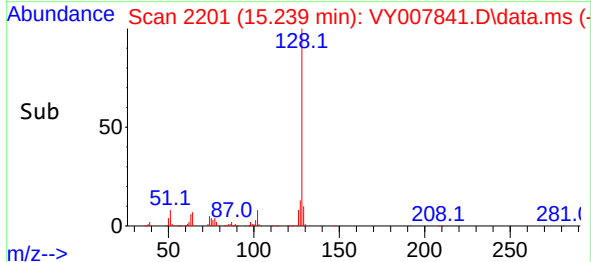
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



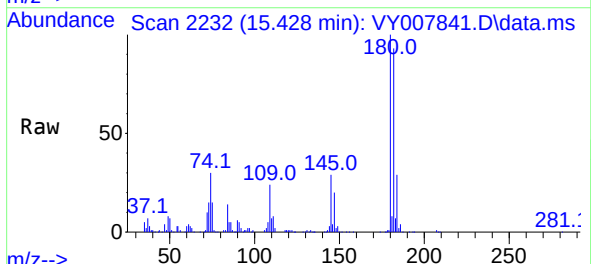
Tgt Ion:128 Resp: 380929
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 10.6 8.4 12.6

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#96
1,2,3-Trichlorobenzene
Concen: 49.978 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY007841.D
Acq: 11 Mar 2022 09:23



Tgt Ion:180 Resp: 162814
Ion Ratio Lower Upper
180 100
182 93.8 47.3 141.9
145 30.4 15.3 45.9

