

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006781.D
 Acq On : 17 Nov 2021 12:22
 Operator : SY/MD
 Sample : VY1117SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBS01

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 03:00:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	114681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	181329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	166639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74892	49.827	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.660%		
35) Dibromofluoromethane	7.728	113	54016	48.497	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.000%		
50) Toluene-d8	10.185	98	230537	50.019	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.040%		
62) 4-Bromofluorobenzene	12.483	95	76079	48.963	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	21757	19.755	ug/l	98
3) Chloromethane	2.119	50	33591	20.274	ug/l	93
4) Vinyl Chloride	2.260	62	34030	20.230	ug/l	98
5) Bromomethane	2.650	94	21191	23.642	ug/l	99
6) Chloroethane	2.802	64	21809	21.193	ug/l	99
7) Trichlorofluoromethane	3.137	101	45240	21.460	ug/l	98
8) Diethyl Ether	3.540	74	14957	21.304	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.912	101	23306	20.816	ug/l	99
10) Methyl Iodide	4.107	142	28063	20.052	ug/l	100
11) Tert butyl alcohol	4.954	59	20707	91.608	ug/l #	91
12) 1,1-Dichloroethene	3.887	96	22818	20.549	ug/l	96
13) Acrolein	3.735	56	3965	125.393	ug/l	97
14) Allyl chloride	4.497	41	49468	19.778	ug/l	99
15) Acrylonitrile	5.174	53	42327	104.522	ug/l	99
16) Acetone	3.960	43	41105	90.012	ug/l	99
17) Carbon Disulfide	4.210	76	79331	20.240	ug/l	100
18) Methyl Acetate	4.491	43	30292	20.492	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	72400	20.685	ug/l	97
20) Methylene Chloride	4.729	84	30543	20.388	ug/l	93
21) trans-1,2-Dichloroethene	5.235	96	26031	20.520	ug/l	95
22) Diisopropyl ether	6.131	45	104350	21.145	ug/l	98
23) Vinyl Acetate	6.076	43	310951	104.347	ug/l	98
24) 1,1-Dichloroethane	6.033	63	52171	20.712	ug/l	99
25) 2-Butanone	7.003	43	58419	95.432	ug/l	94
26) 2,2-Dichloropropane	6.996	77	47768	20.987	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	29907	20.875	ug/l	95
28) Bromochloromethane	7.344	49	24326	20.531	ug/l	91
29) Tetrahydrofuran	7.356	42	38547	101.715	ug/l	93
30) Chloroform	7.515	83	51182	21.136	ug/l	99
31) Cyclohexane	7.795	56	53973	20.431	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	47182	21.142	ug/l	99
36) 1,1-Dichloropropene	7.929	75	40326	20.460	ug/l	98
37) Ethyl Acetate	7.088	43	26905	20.417	ug/l	100
38) Carbon Tetrachloride	7.911	117	42767	21.214	ug/l	98
39) Methylcyclohexane	9.191	83	48250	20.073	ug/l	95
40) Benzene	8.167	78	113916	20.531	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	22540m	20.371	ug/l	
42) 1,2-Dichloroethane	8.246	62	40259	21.779	ug/l	100
43) Isopropyl Acetate	8.283	43	49772	20.135	ug/l	99
44) Trichloroethene	8.947	130	27835	20.622	ug/l	95
45) 1,2-Dichloropropane	9.222	63	29307	20.472	ug/l	93
46) Dibromomethane	9.313	93	15300	20.520	ug/l	94
47) Bromodichloromethane	9.502	83	38443	20.303	ug/l	94
48) Methyl methacrylate	9.301	41	19662	16.788	ug/l	98
49) 1,4-Dioxane	9.307	88	3202	374.264	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	119998	92.159	ug/l	99
52) Toluene	10.252	92	70853	21.029	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	42315	20.559	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	46168	20.001	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	21250	21.348	ug/l	98
56) Ethyl methacrylate	10.514	69	30795	19.904	ug/l	92
57) 1,3-Dichloropropane	10.795	76	37978	20.909	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	80591	95.138	ug/l	95
59) 2-Hexanone	10.837	43	90550	109.560	ug/l	98
60) Dibromochloromethane	10.990	129	25033	20.517	ug/l	100
61) 1,2-Dibromoethane	11.093	107	19208	20.828	ug/l	99
64) Tetrachloroethene	10.721	164	27697	22.745	ug/l	97
65) Chlorobenzene	11.520	112	70576	20.817	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	25892	20.422	ug/l	97
67) Ethyl Benzene	11.599	91	136973	21.315	ug/l	99
68) m/p-Xylenes	11.709	106	102794	41.973	ug/l	100
69) o-Xylene	12.032	106	48741	21.008	ug/l	100
70) Styrene	12.050	104	81475	20.793	ug/l	99
71) Bromoform	12.215	173	15758	20.534	ug/l #	100
73) Isopropylbenzene	12.331	105	128742	20.567	ug/l	100
74) N-amyl acetate	12.148	43	44651	21.600	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	24857	21.462	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	17975m	20.114	ug/l	
77) Bromobenzene	12.611	156	29913	20.983	ug/l	97
78) n-propylbenzene	12.672	91	163623	21.442	ug/l	99
79) 2-Chlorotoluene	12.758	91	89765	21.496	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	109651	21.373	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	9559	21.194	ug/l	96
82) 4-Chlorotoluene	12.855	91	95142	21.796	ug/l	97
83) tert-Butylbenzene	13.075	119	97130	21.798	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	108339	21.151	ug/l	98
85) sec-Butylbenzene	13.258	105	141133	21.269	ug/l	100
86) p-Isopropyltoluene	13.373	119	119031	21.190	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	59456	20.942	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	58434	20.857	ug/l	98
89) n-Butylbenzene	13.696	91	113772	21.464	ug/l	99
90) Hexachloroethane	13.965	117	21459	21.197	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	51244	20.944	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4456	21.766	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	32500	20.304	ug/l	99
94) Hexachlorobutadiene	15.111	225	21799	20.872	ug/l	98
95) Naphthalene	15.239	128	59568	20.117	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	27243	20.424	ug/l	98

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Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

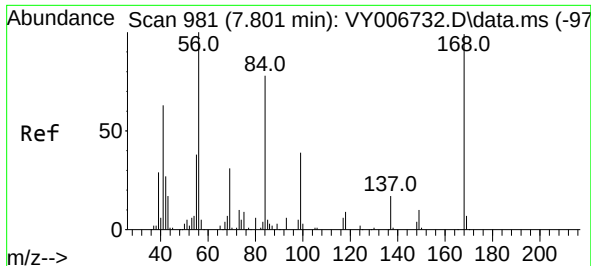
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 16 04:20:03 2021
Response via : Initial Calibration

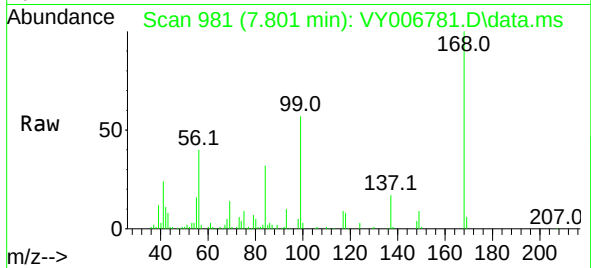
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006781.D
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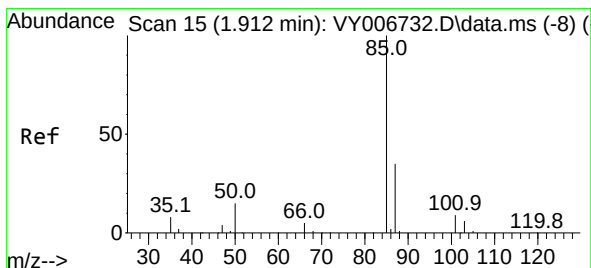
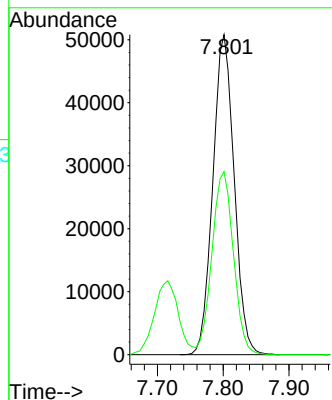
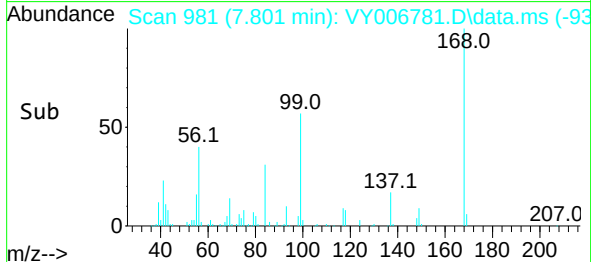
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



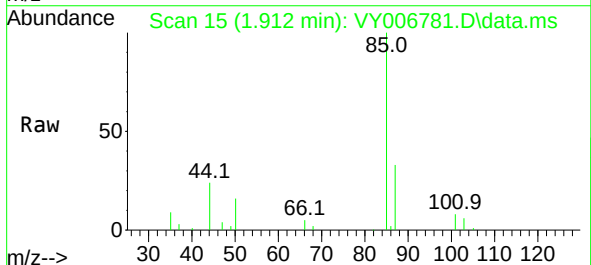
Tgt Ion:168 Resp: 11468
Ion Ratio Lower Upper
168 100
99 57.2 44.8 67.2

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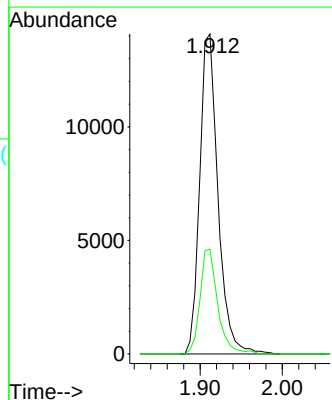
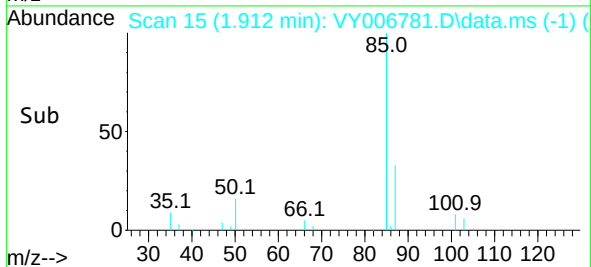
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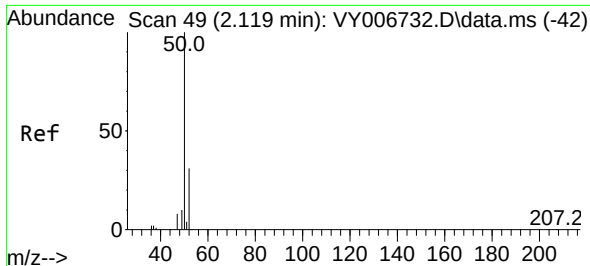


#2
Dichlorodifluoromethane
Concen: 19.755 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22



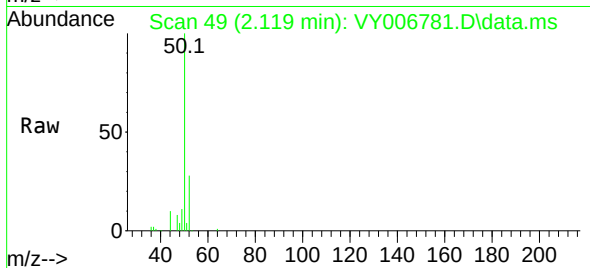
Tgt Ion: 85 Resp: 21757
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.3





#3
Chloromethane
Concen: 20.274 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

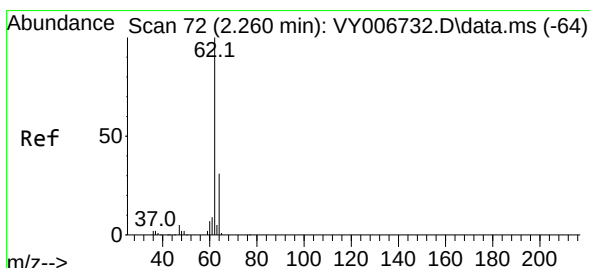
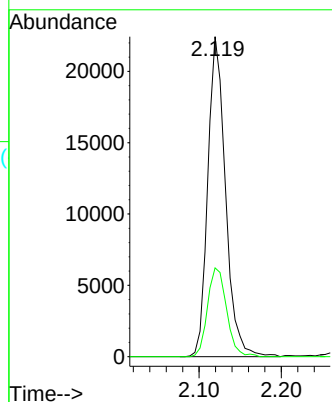
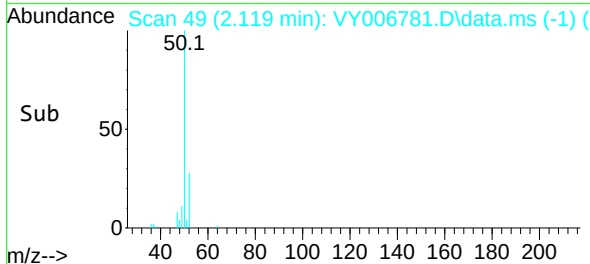
Instrument :
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ClientSampleId :
VY1117SBSD01



Tgt Ion: 50 Resp: 3359
Ion Ratio Lower Upper
50 100
52 27.8 25.4 38.2

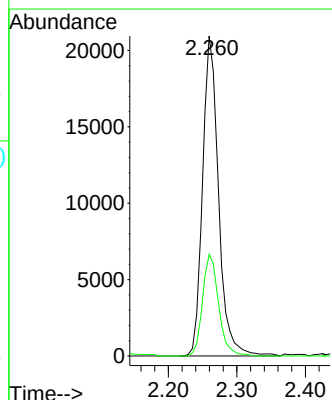
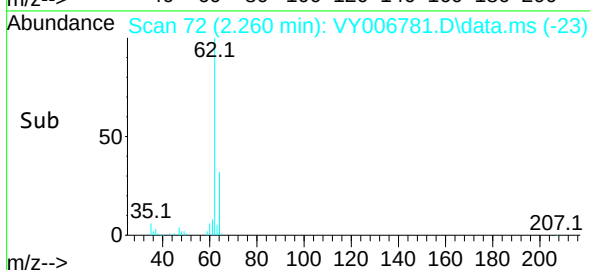
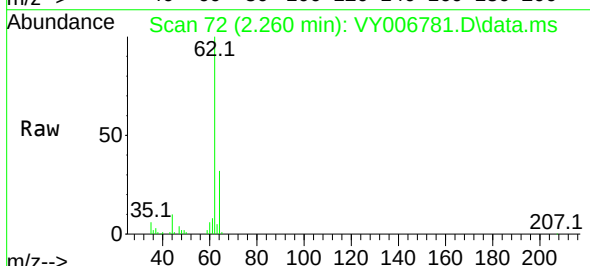
Manual Integrations
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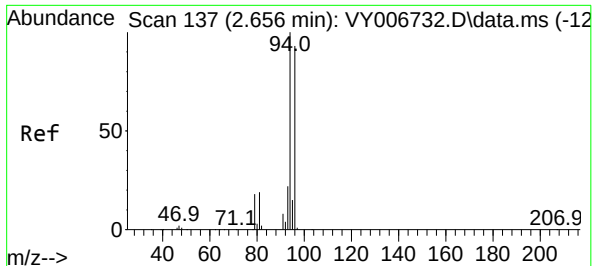
Reviewed By :Vimala Arumugam 11/18/2021
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#4
Vinyl Chloride
Concen: 20.230 ug/l
RT: 2.260 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

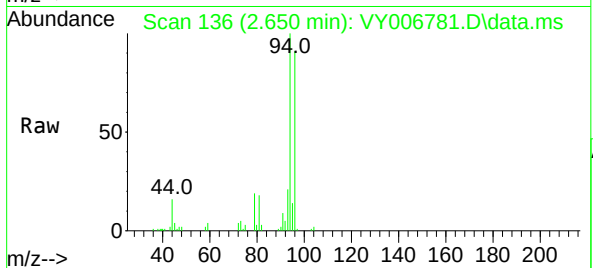
Tgt Ion: 62 Resp: 34030
Ion Ratio Lower Upper
62 100
64 31.7 24.7 37.1





#5
Bromomethane
Concen: 23.642 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

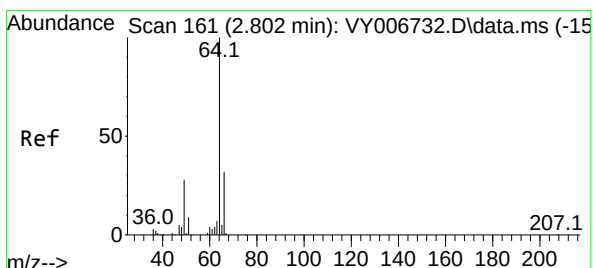
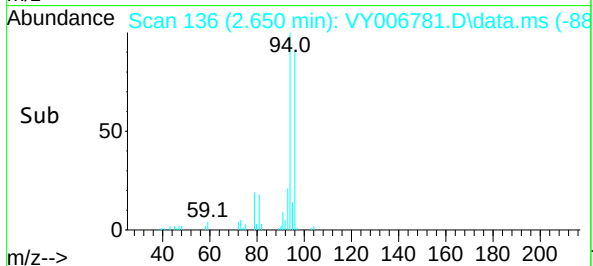
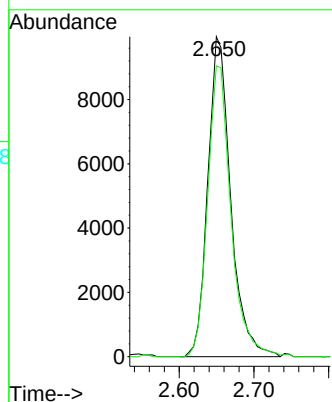
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Tgt Ion: 94 Resp: 2119
Ion Ratio Lower Upper
94 100
96 90.9 73.5 110.3

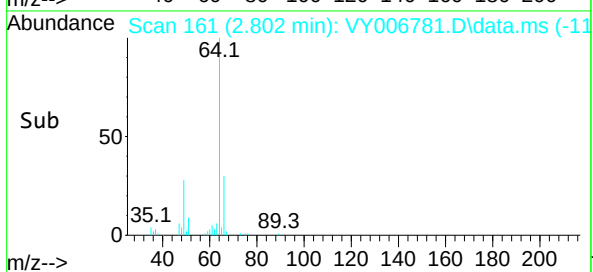
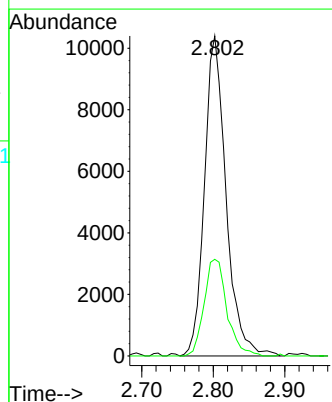
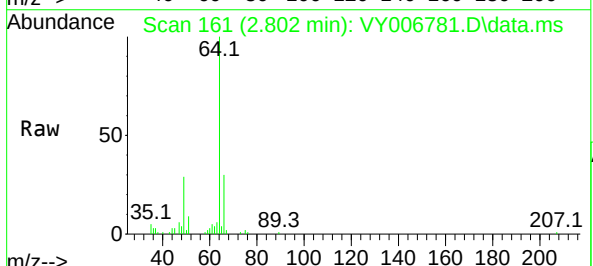
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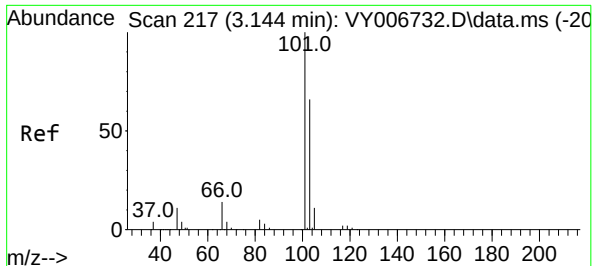
Reviewed By :Vimala Arumugam 11/18/2021
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#6
Chloroethane
Concen: 21.193 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Tgt Ion: 64 Resp: 21809
Ion Ratio Lower Upper
64 100
66 30.2 23.8 35.6





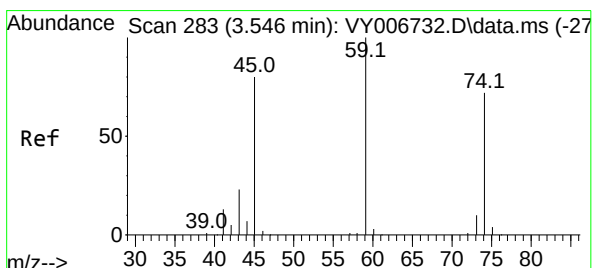
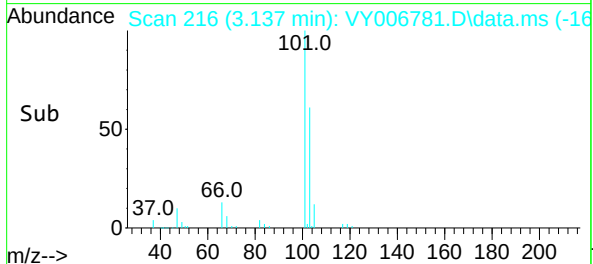
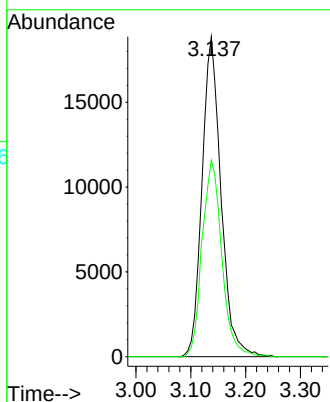
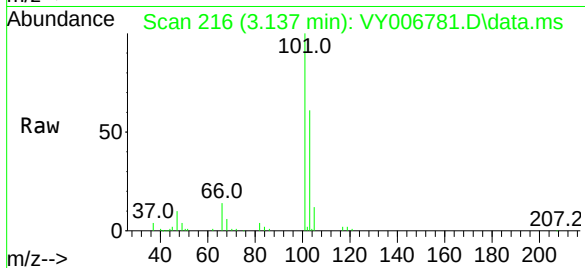
#7
Trichlorofluoromethane
Concen: 21.460 ug/l
RT: 3.137 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Instrument :
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ClientSampleId :
VY1117SBSD01

Tgt Ion:101 Resp: 45240
Ion Ratio Lower Upper
101 100
103 61.4 50.2 75.2

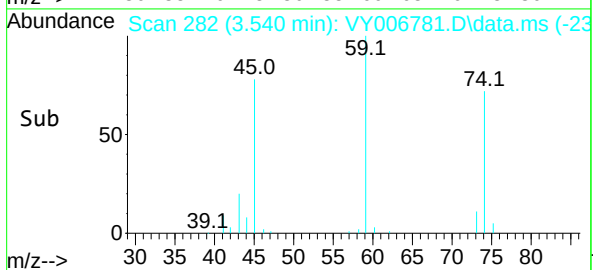
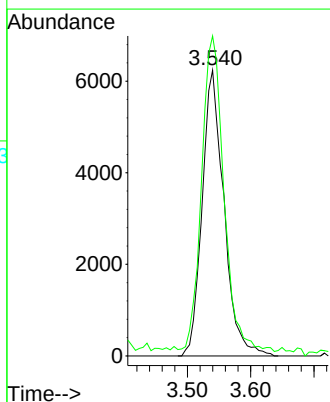
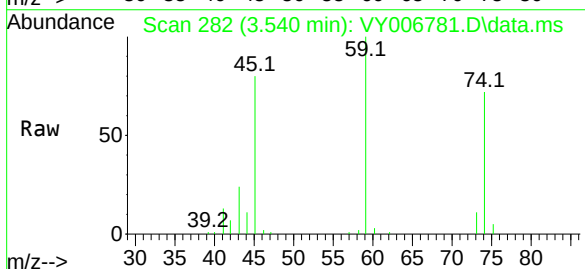
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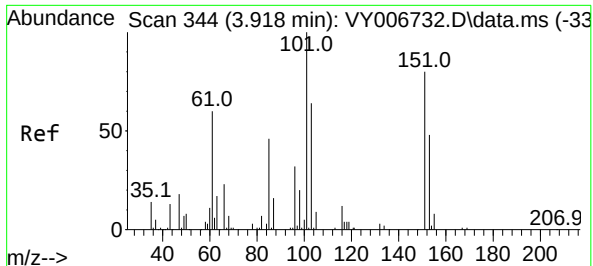
Reviewed By :Vimala Arumugam 11/18/2021
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#8
Diethyl Ether
Concen: 21.304 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Tgt Ion: 74 Resp: 14957
Ion Ratio Lower Upper
74 100
45 113.1 52.8 158.3





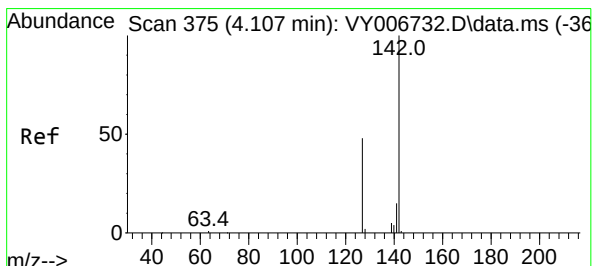
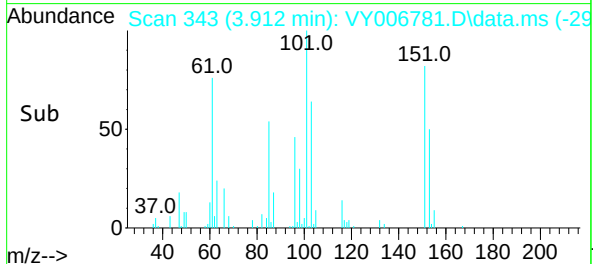
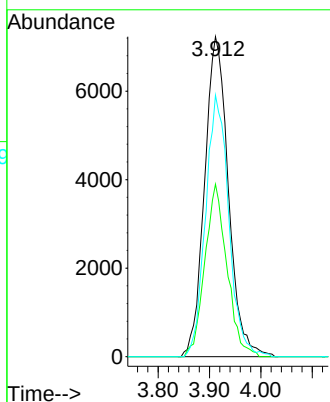
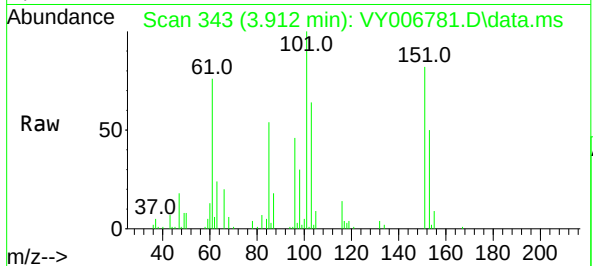
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.816 ug/l
RT: 3.912 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion:101 Resp: 23300
Ion Ratio Lower Upper
101 100
85 50.1 38.6 57.8
151 79.7 64.0 96.0

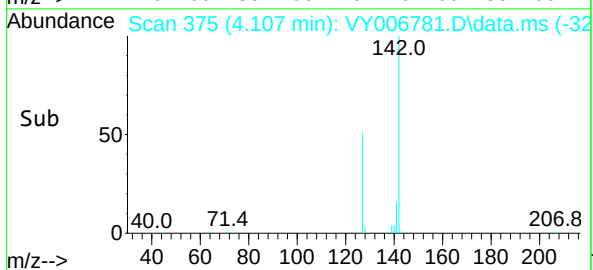
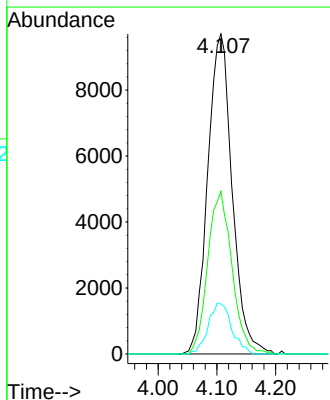
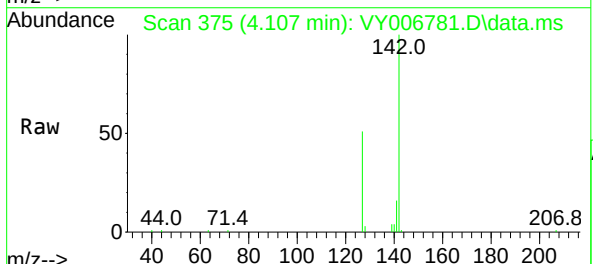
Manual Integrations
APPROVED

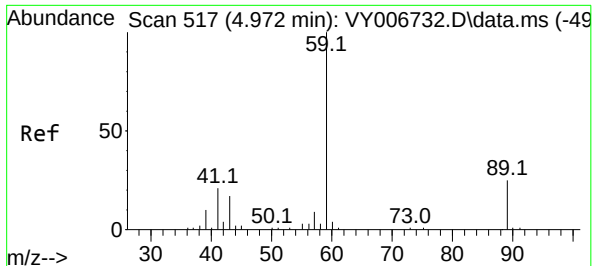
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 20.052 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Tgt Ion:142 Resp: 28063
Ion Ratio Lower Upper
142 100
127 50.3 40.1 60.1
141 15.3 12.5 18.7





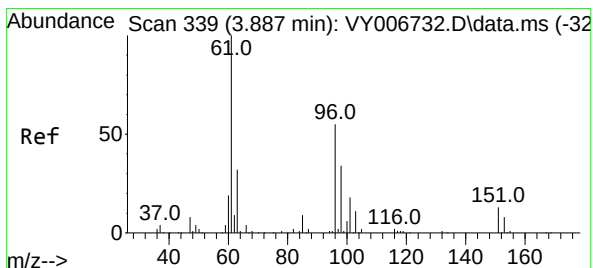
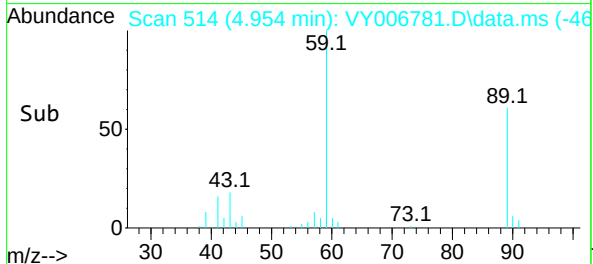
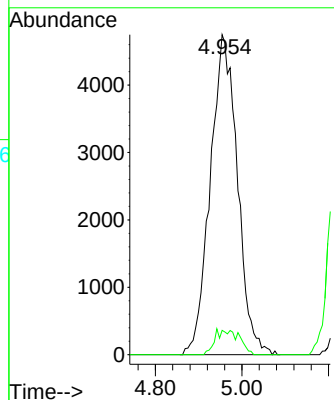
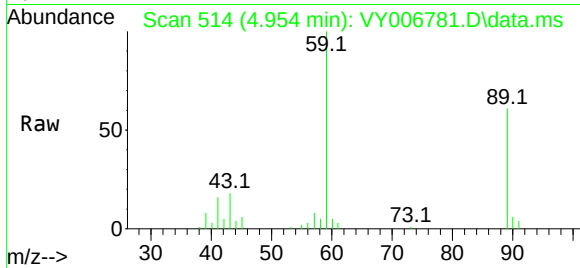
#11
Tert butyl alcohol
Concen: 91.608 ug/l
RT: 4.954 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion: 59 Resp: 2070
Ion Ratio Lower Upper
59 100
57 7.0 8.2 12.4

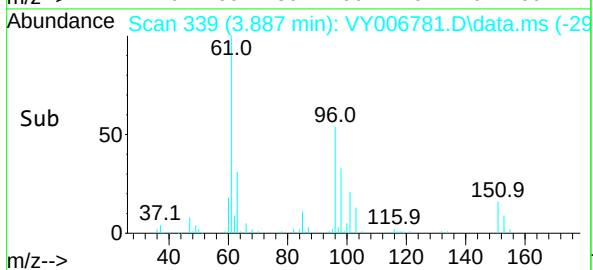
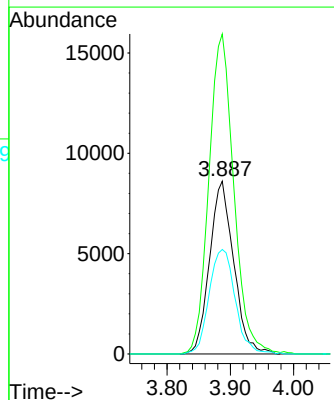
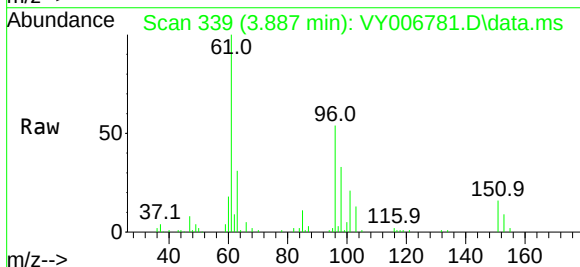
Manual Integrations
APPROVED

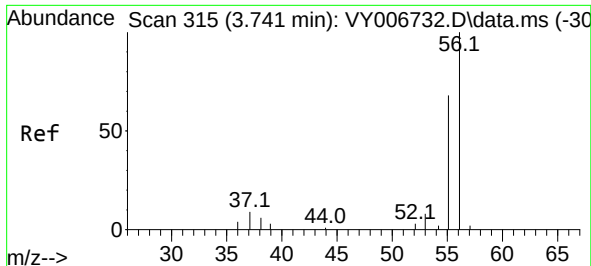
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 20.549 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

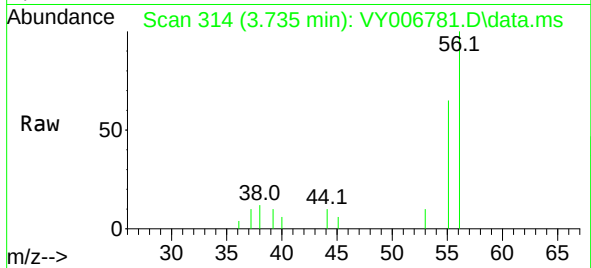
Tgt Ion: 96 Resp: 22818
Ion Ratio Lower Upper
96 100
61 185.2 143.0 214.6
98 60.5 50.5 75.7





#13
Acrolein
Concen: 125.393 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

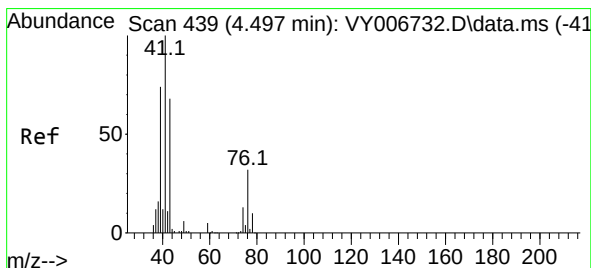
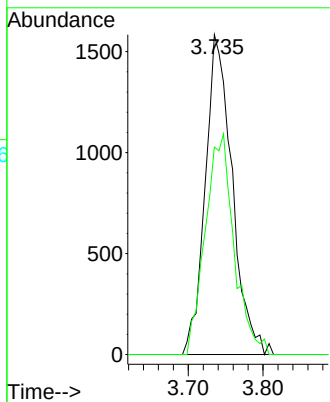
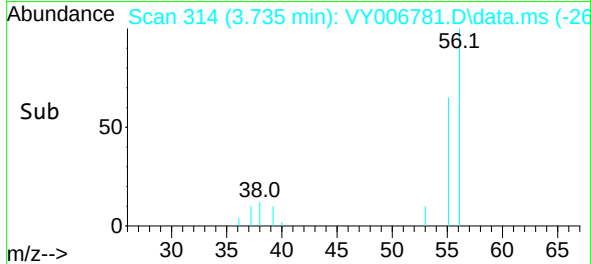
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 56 Resp: 3968
Ion Ratio Lower Upper
56 100
55 73.7 57.1 85.7

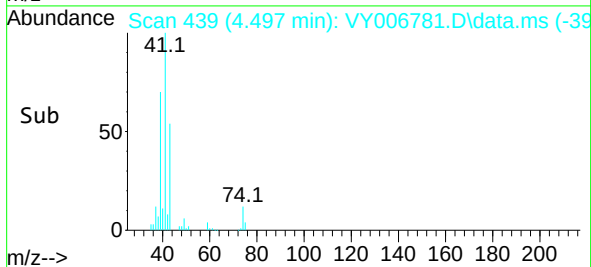
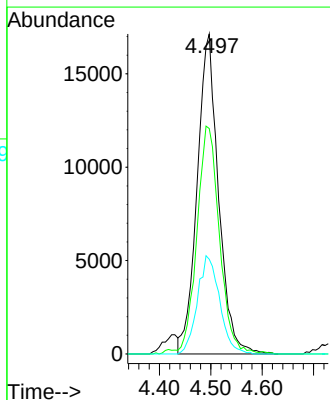
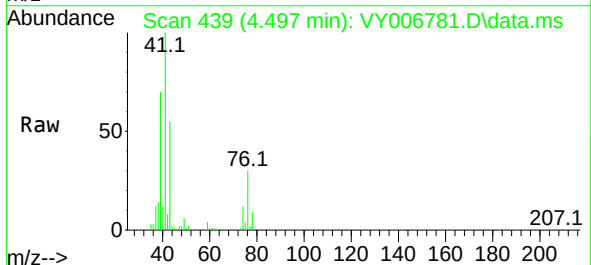
Manual Integrations
APPROVED

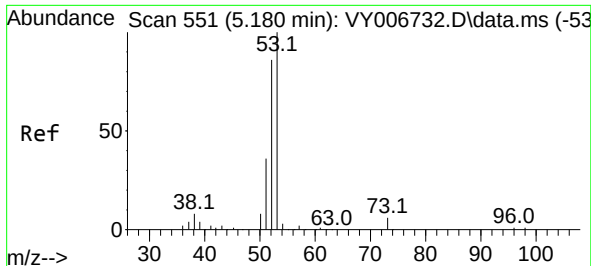
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#14
Allyl chloride
Concen: 19.778 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

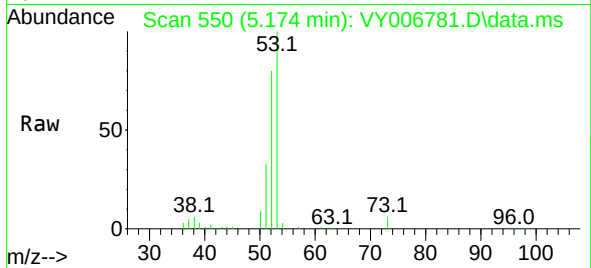
Tgt Ion: 41 Resp: 49468
Ion Ratio Lower Upper
41 100
39 73.2 58.8 88.2
76 31.9 25.0 37.4





#15
Acrylonitrile
Concen: 104.522 ug/l
RT: 5.174 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

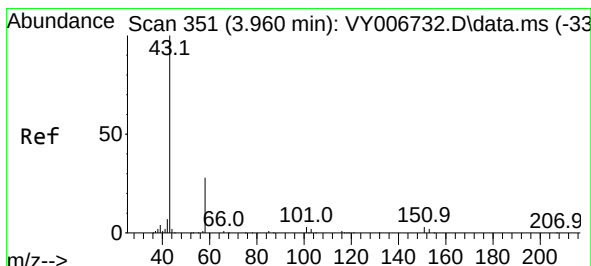
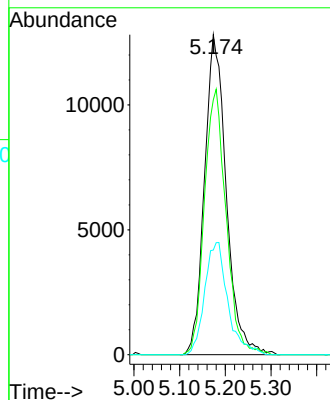
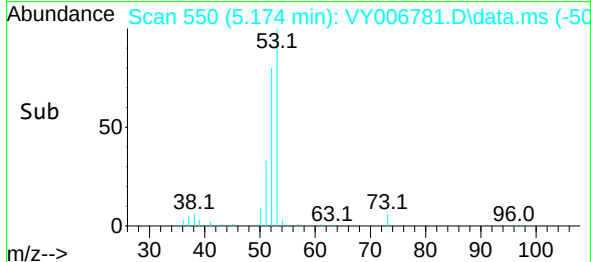
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



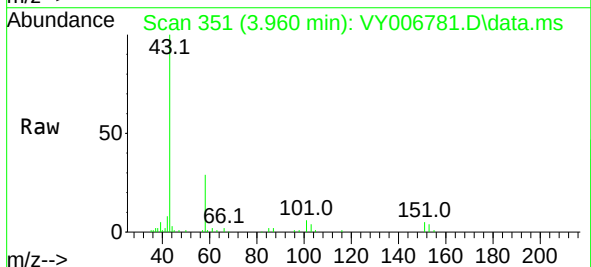
Tgt Ion: 53 Resp: 4232
Ion Ratio Lower Upper
53 100
52 82.6 67.1 100.7
51 37.3 30.0 45.0

Manual Integrations
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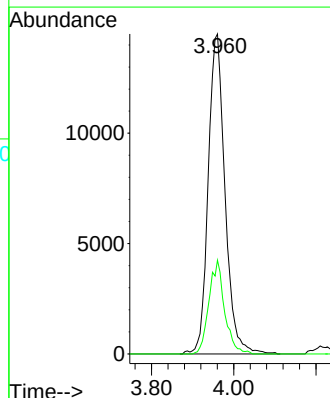
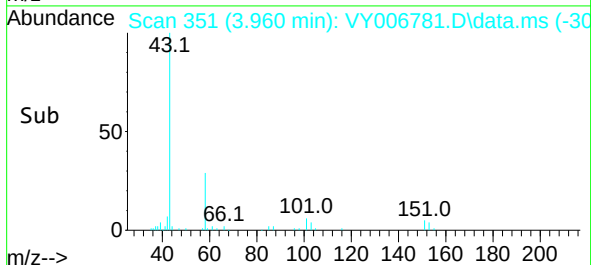
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

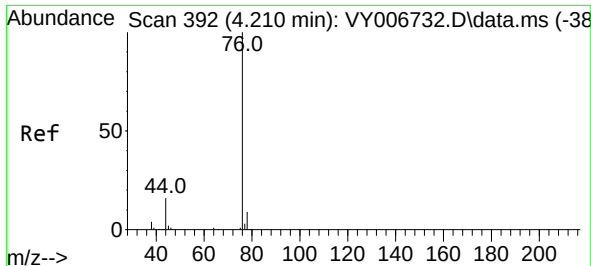


#16
Acetone
Concen: 90.012 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22



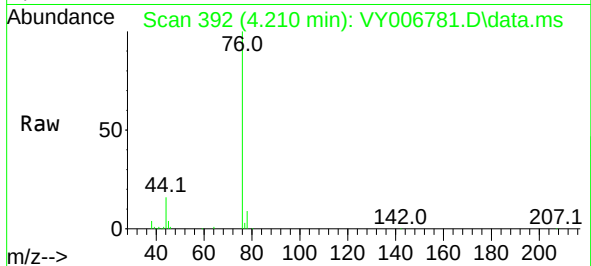
Tgt Ion: 43 Resp: 41105
Ion Ratio Lower Upper
43 100
58 29.3 22.9 34.3





#17
Carbon Disulfide
Concen: 20.240 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

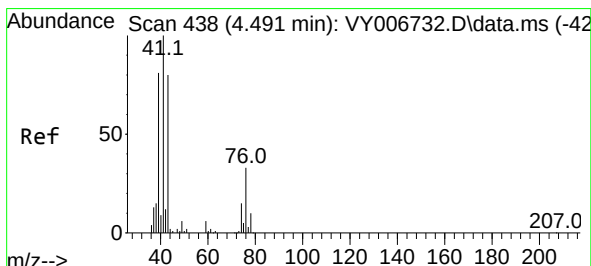
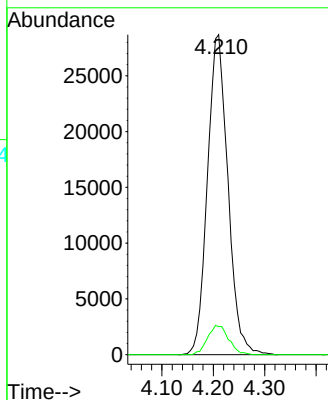
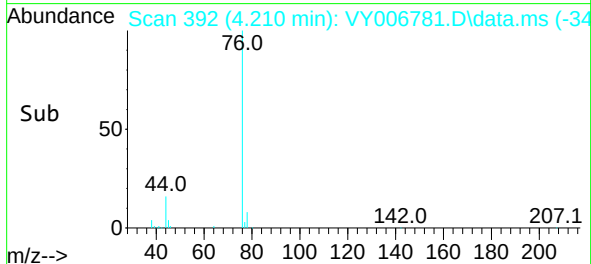
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



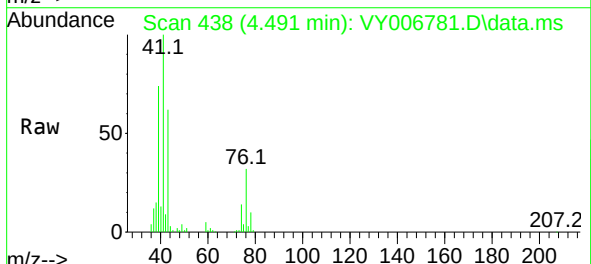
Tgt Ion: 76 Resp: 7933
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

Manual Integrations
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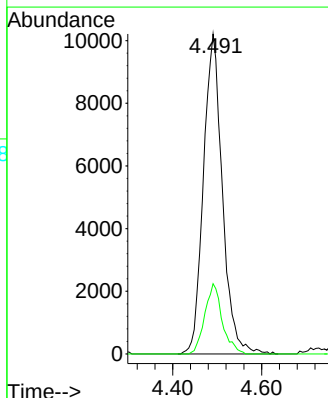
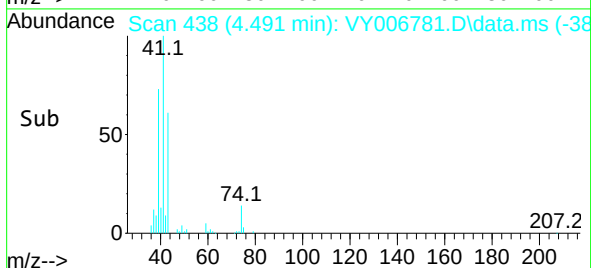
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

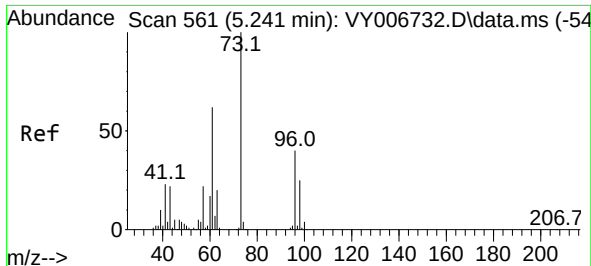


#18
Methyl Acetate
Concen: 20.492 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22



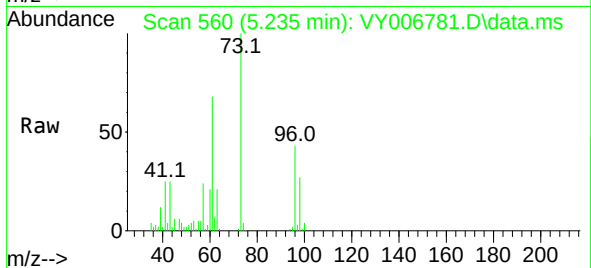
Tgt Ion: 43 Resp: 30292
Ion Ratio Lower Upper
43 100
74 20.2 16.6 25.0





#19
Methyl tert-butyl Ether
Concen: 20.685 ug/l
RT: 5.235 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

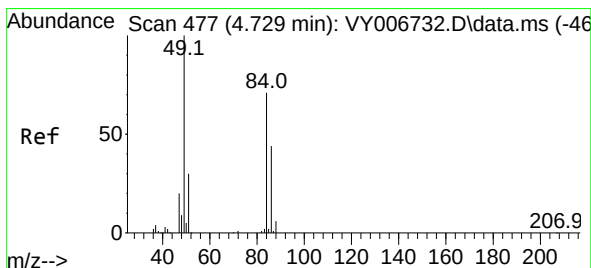
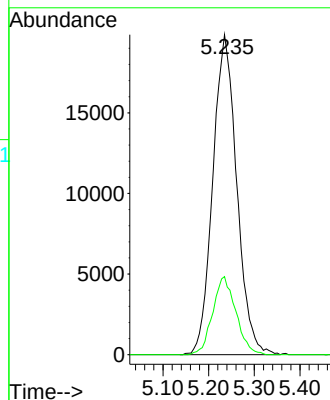
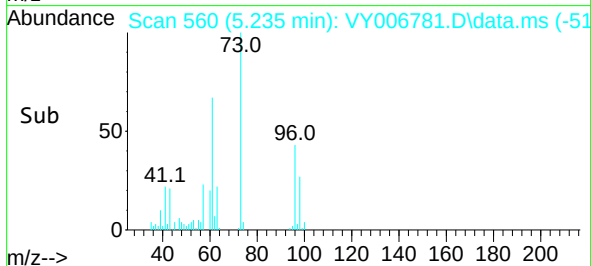
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01



Tgt Ion: 73 Resp: 72400
Ion Ratio Lower Upper
73 100
57 24.4 18.2 27.2

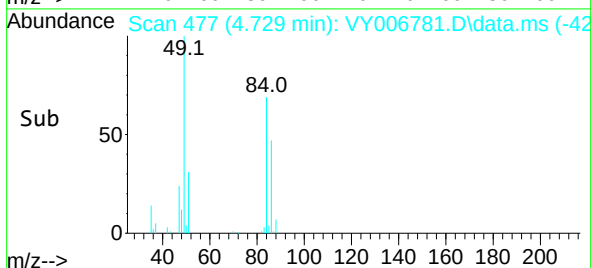
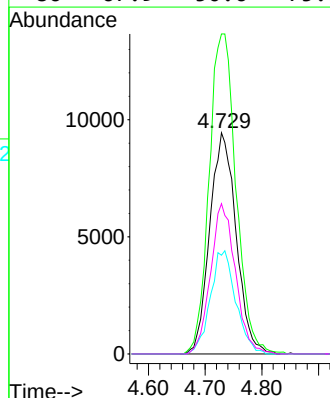
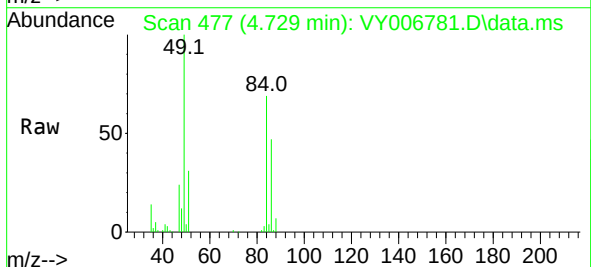
Manual Integrations
APPROVED

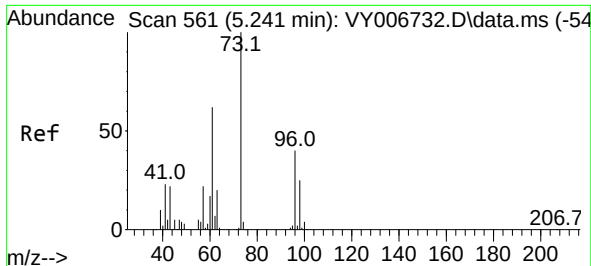
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 20.388 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

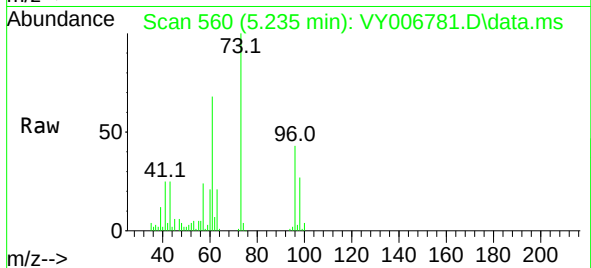
Tgt Ion: 84 Resp: 30543
Ion Ratio Lower Upper
84 100
49 144.7 107.8 161.8
51 44.6 32.8 49.2
86 67.9 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 20.520 ug/l
RT: 5.235 min Scan# 560
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

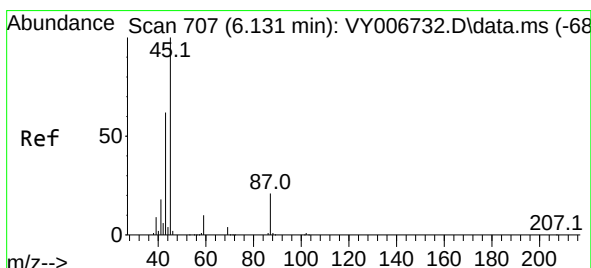
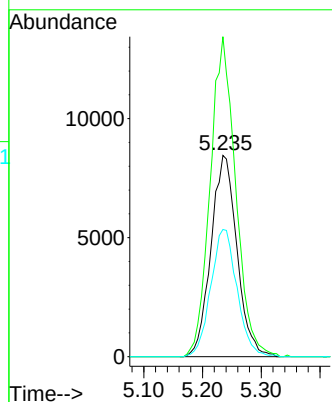
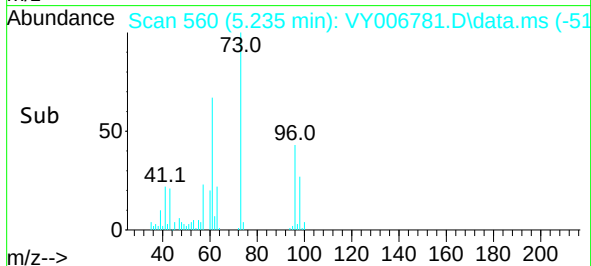
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 96 Resp: 2603
Ion Ratio Lower Upper
96 100
61 159.0 120.6 181.0
98 63.2 51.3 76.9

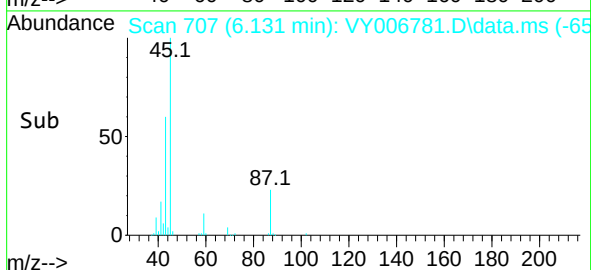
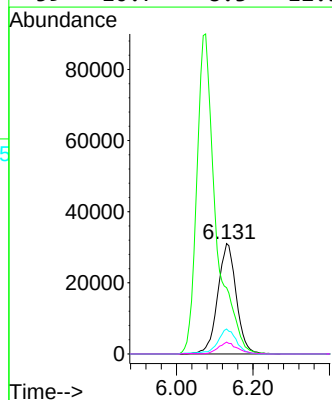
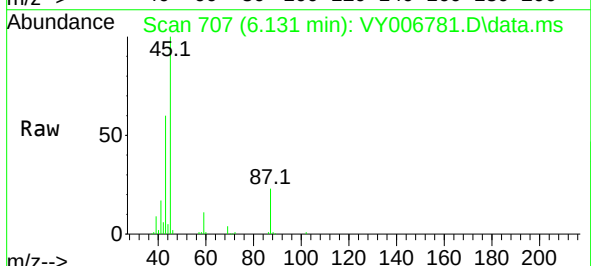
Manual Integrations
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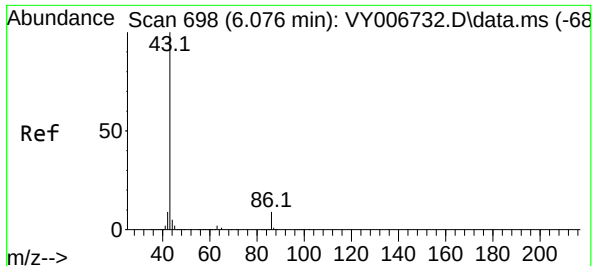
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#22
Diisopropyl ether
Concen: 21.145 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

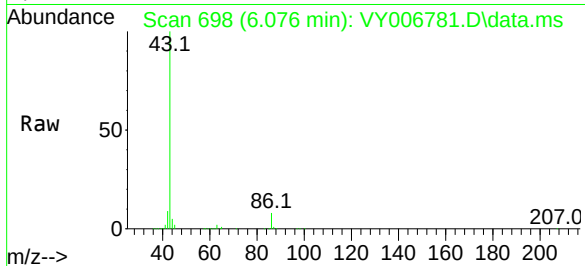
Tgt Ion: 45 Resp: 104350
Ion Ratio Lower Upper
45 100
43 59.8 47.7 71.5
87 22.5 20.1 30.1
59 10.7 8.3 12.5





#23
 Vinyl Acetate
 Concen: 104.347 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY006781.D
 Acq: 17 Nov 2021 12:22

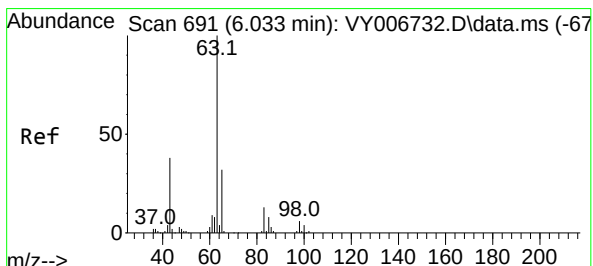
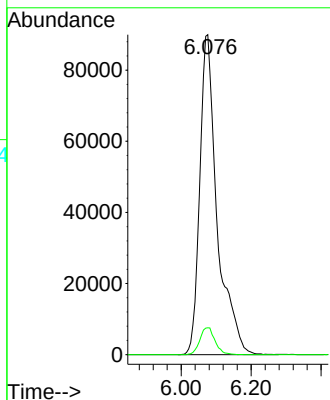
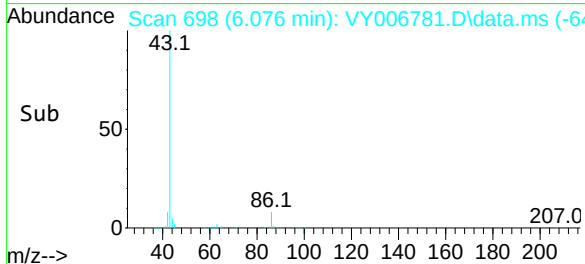
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBSD01



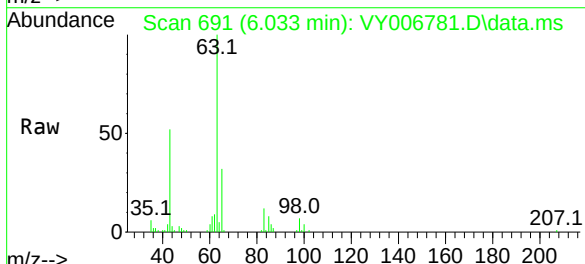
Tgt Ion: 43 Resp: 31095
 Ion Ratio Lower Upper
 43 100
 86 8.4 7.3 10.9

Manual Integrations
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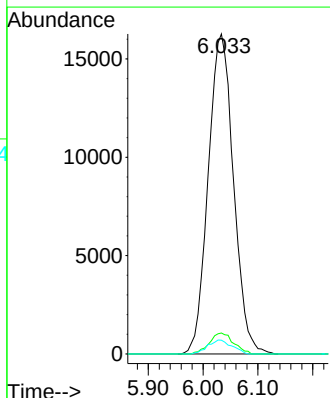
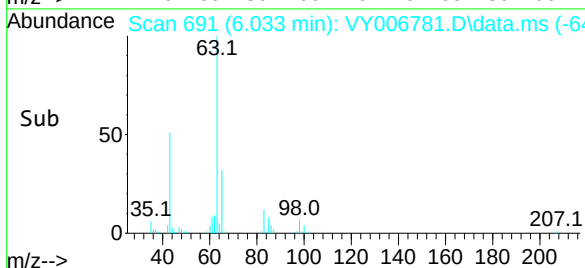
Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

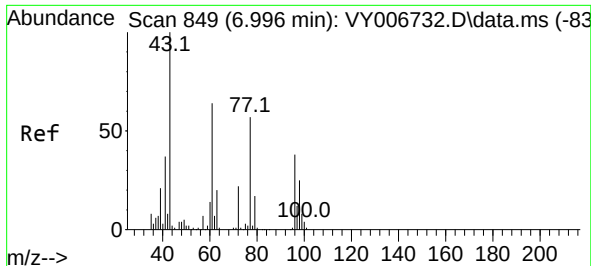


#24
 1,1-Dichloroethane
 Concen: 20.712 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY006781.D
 Acq: 17 Nov 2021 12:22



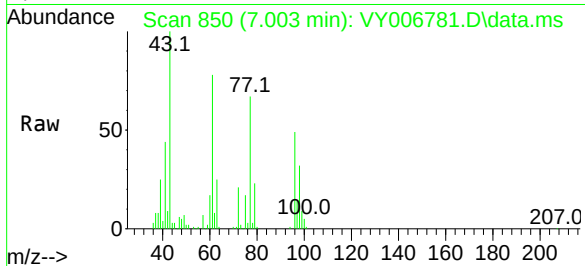
Tgt Ion: 63 Resp: 52171
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.3 2.0 6.0





#25
2-Butanone
Concen: 95.432 ug/l
RT: 7.003 min Scan# 849
Delta R.T. 0.007 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

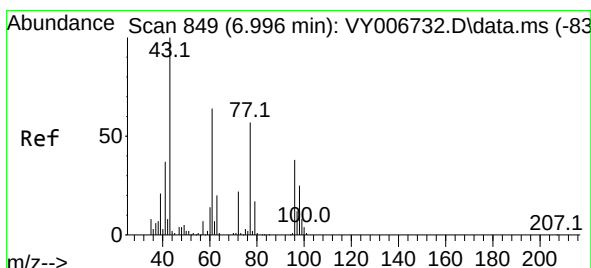
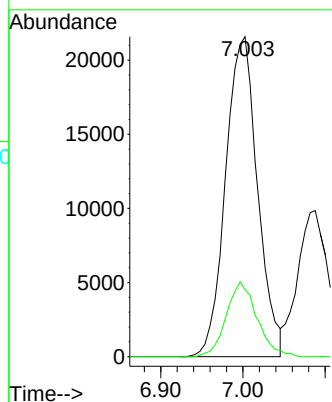
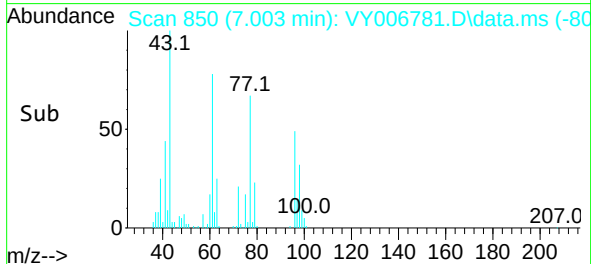
Instrument :
MSVOA_Y
Client Sample Id :
VY1117SBSD01



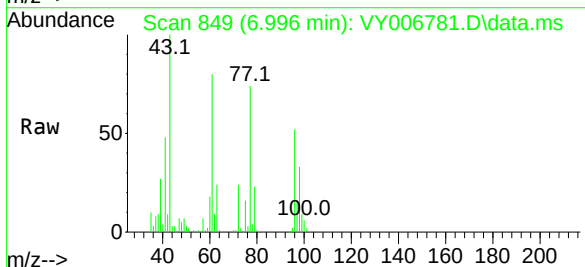
Tgt Ion: 43 Resp: 58419
Ion Ratio Lower Upper
43 100
72 20.9 18.9 28.3

Manual Integrations
APPROVED

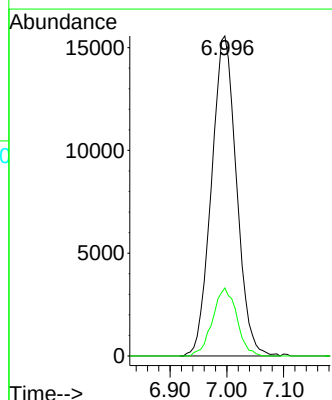
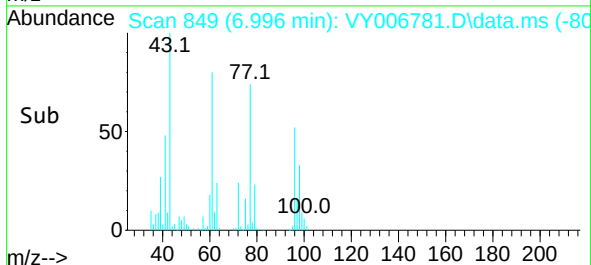
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

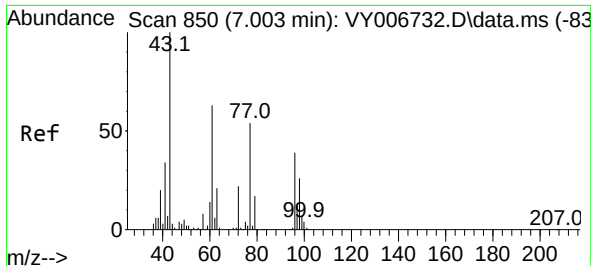


#26
2,2-Dichloropropane
Concen: 20.987 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22



Tgt Ion: 77 Resp: 47768
Ion Ratio Lower Upper
77 100
97 20.5 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 20.875 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.007 min

Lab File: VY006781.D

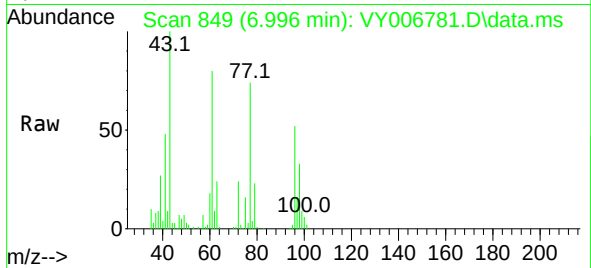
Acq: 17 Nov 2021 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBSD01



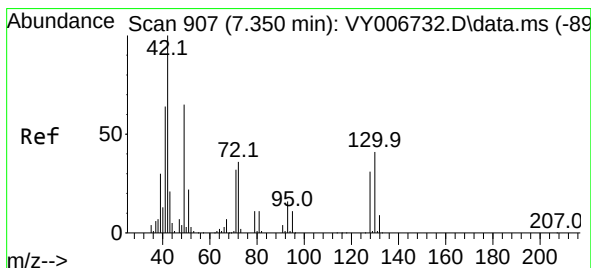
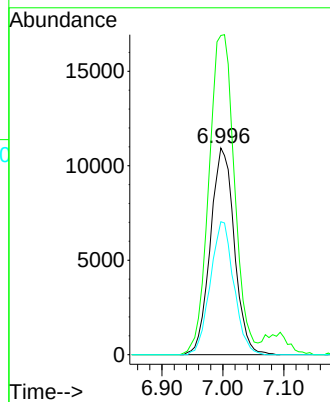
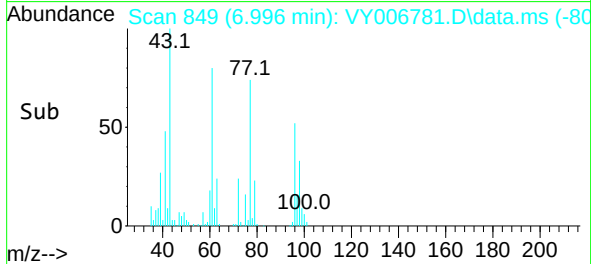
Tgt Ion:	96	Resp:	2990
Ion	Ratio	Lower	Upper
96	100		
61	165.3	0.0	314.0
98	63.1	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#28

Bromochloromethane

Concen: 20.531 ug/l

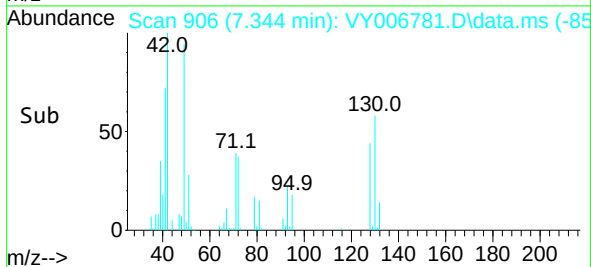
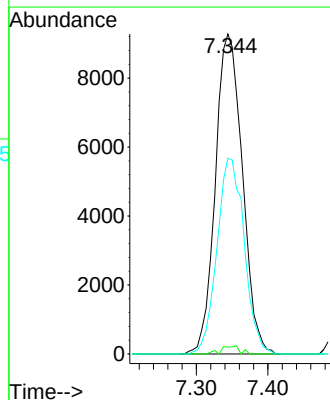
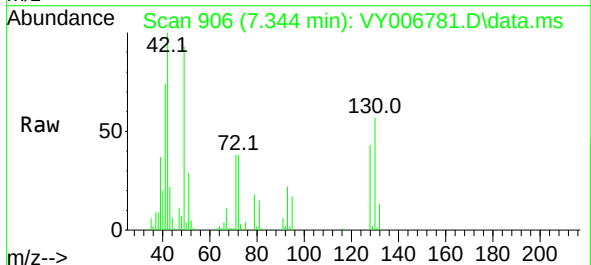
RT: 7.344 min Scan# 906

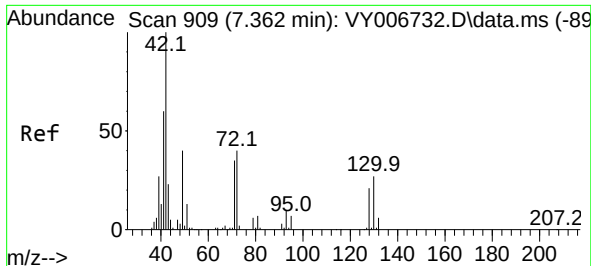
Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

Tgt Ion:	49	Resp:	24326
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	61.7	55.6	83.4





#29

Tetrahydrofuran

Concen: 101.715 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

Instrument :

MSVOA_Y

ClientSampleId :

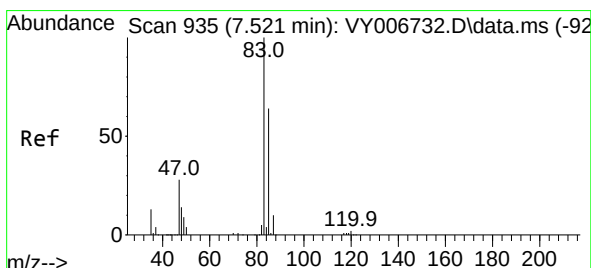
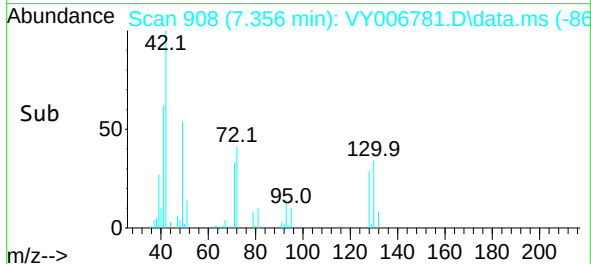
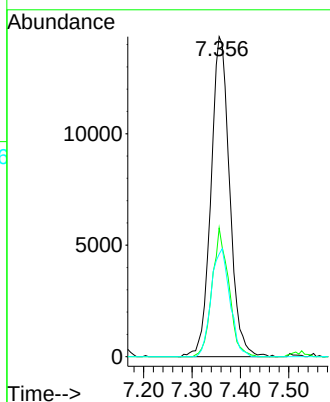
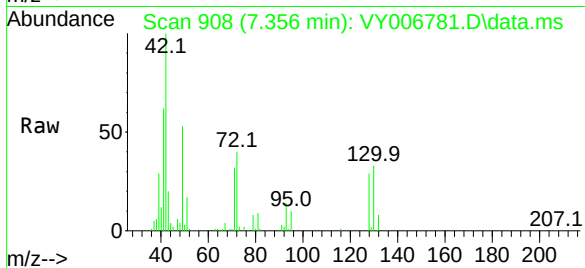
VY1117SBSD01

Tgt Ion:	42	Resp:	3854
Ion Ratio	Lower	Upper	
42	100		
72	35.9	32.0	48.0
71	33.7	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#30

Chloroform

Concen: 21.136 ug/l

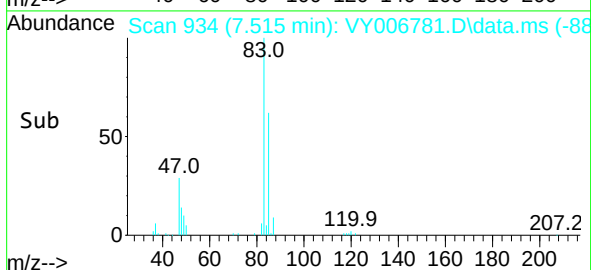
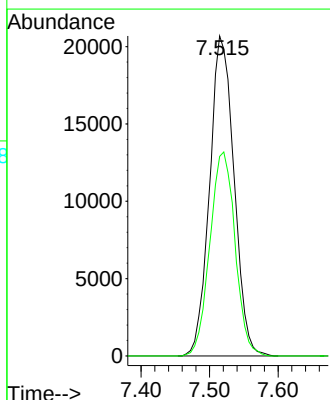
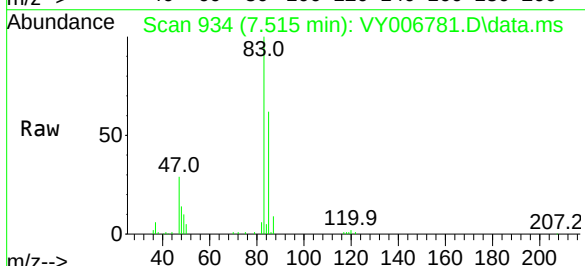
RT: 7.515 min Scan# 934

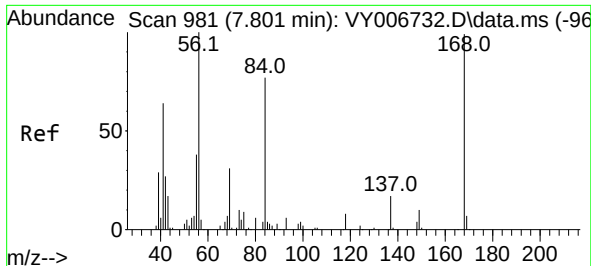
Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

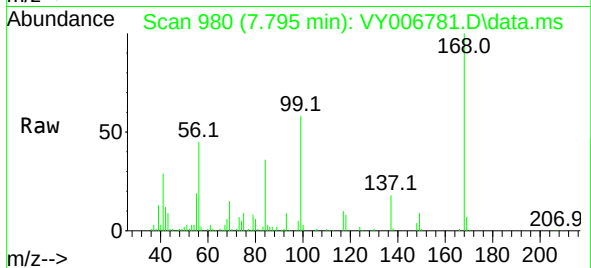
Tgt Ion:	83	Resp:	51182
Ion Ratio	Lower	Upper	
83	100		
85	62.3	50.2	75.4





#31
Cyclohexane
Concen: 20.431 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

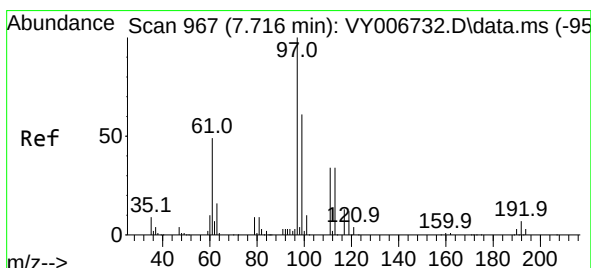
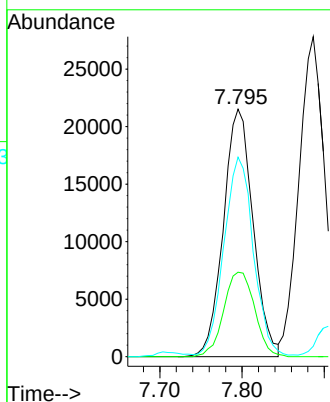
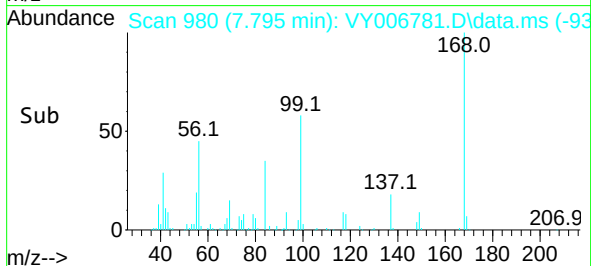
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 56 Resp: 5397
Ion Ratio Lower Upper
56 100
69 34.1 26.6 40.0
84 79.2 65.0 97.4

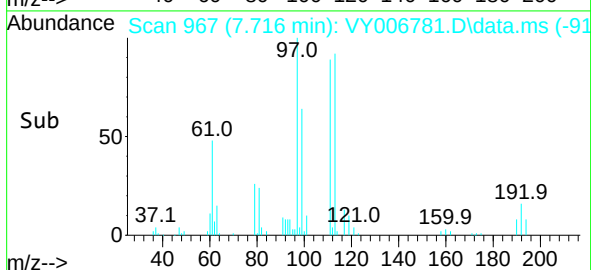
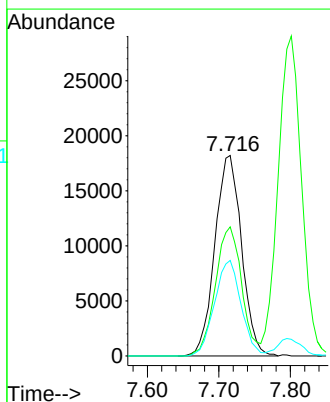
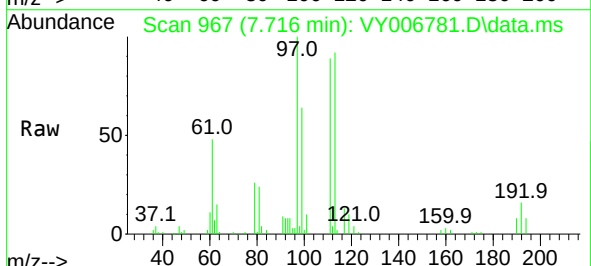
Manual Integrations
APPROVED

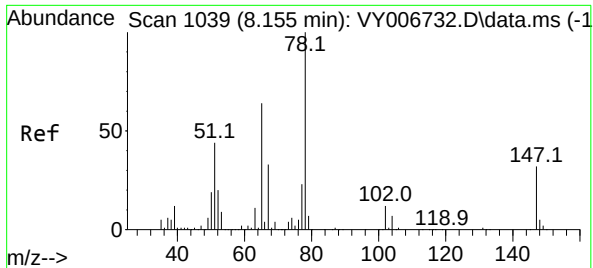
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#32
1,1,1-Trichloroethane
Concen: 21.142 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Tgt Ion: 97 Resp: 47182
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 47.5 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 49.827 ug/l

RT: 8.149 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01

Tgt Ion: 65 Resp: 7489

Ion Ratio Lower Upper

65 100

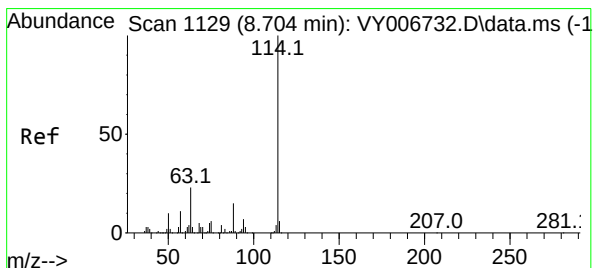
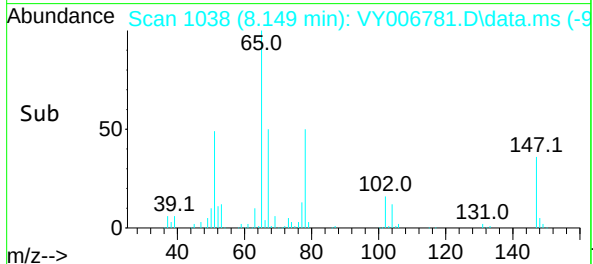
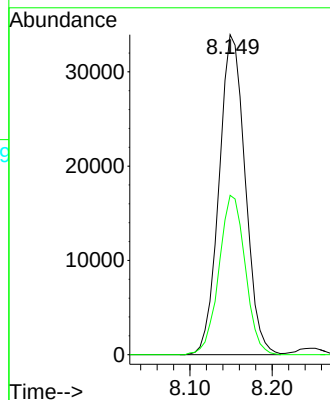
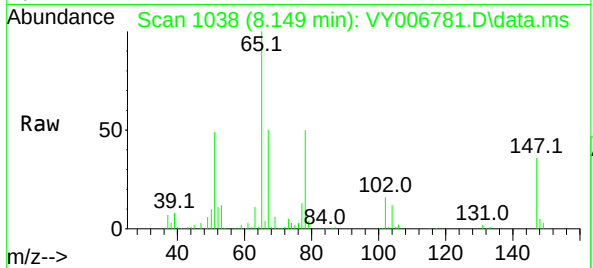
67 50.1 0.0 98.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

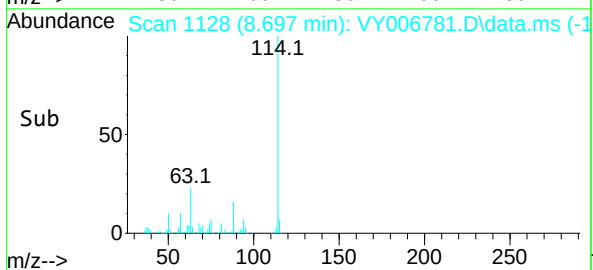
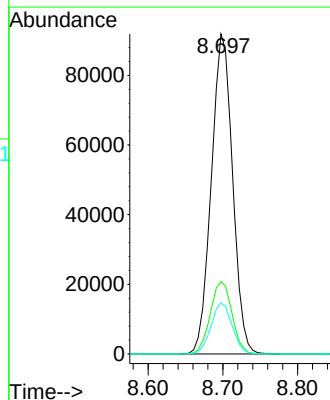
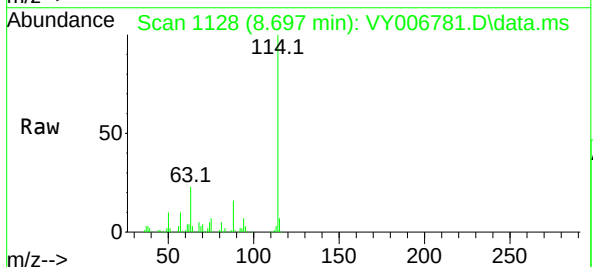
Tgt Ion:114 Resp: 181329

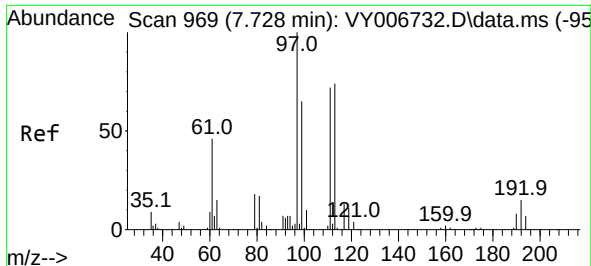
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

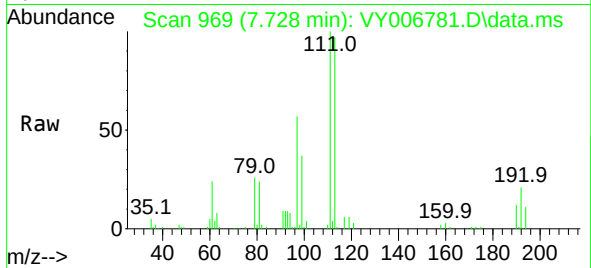
88 16.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.497 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

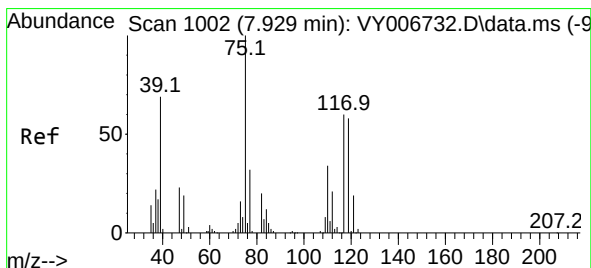
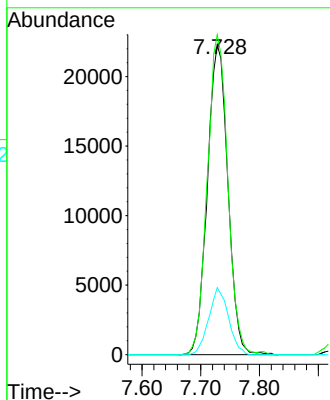
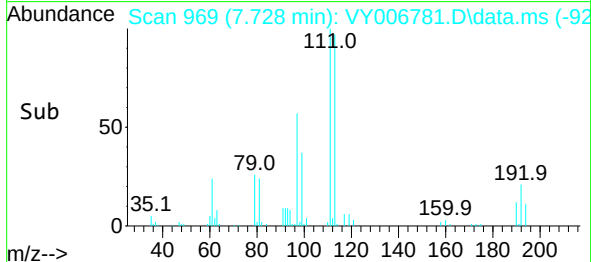
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



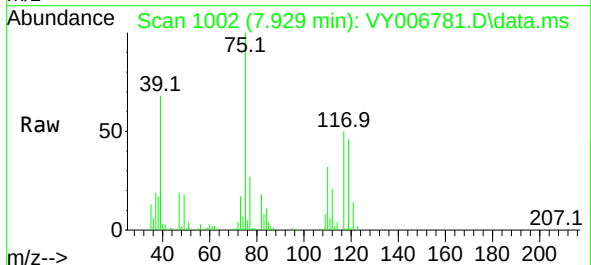
Tgt Ion: 113 Resp: 54010
Ion Ratio Lower Upper
113 100
111 102.7 82.3 123.5
192 20.8 17.4 26.2

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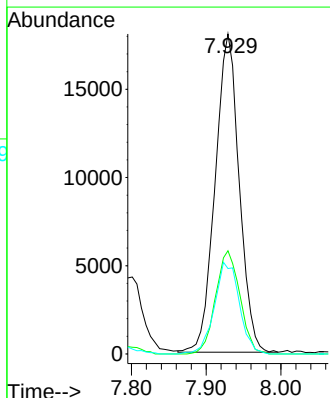
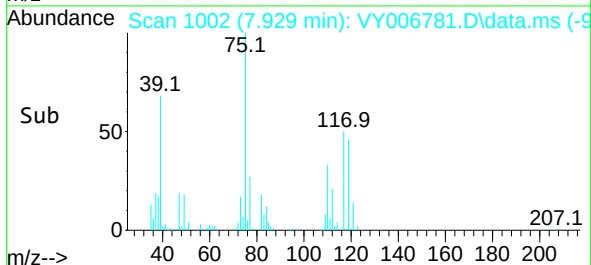
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

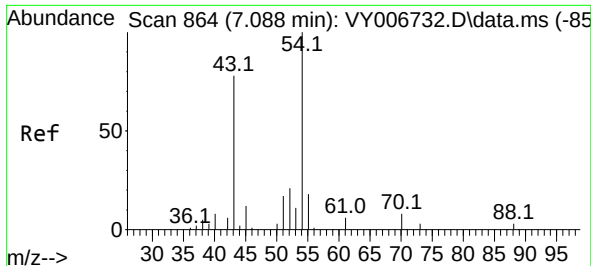


#36
1,1-Dichloropropene
Concen: 20.460 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22



Tgt Ion: 75 Resp: 40326
Ion Ratio Lower Upper
75 100
110 32.8 17.1 51.3
77 30.0 24.9 37.3





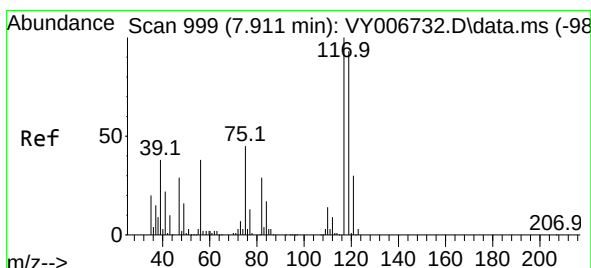
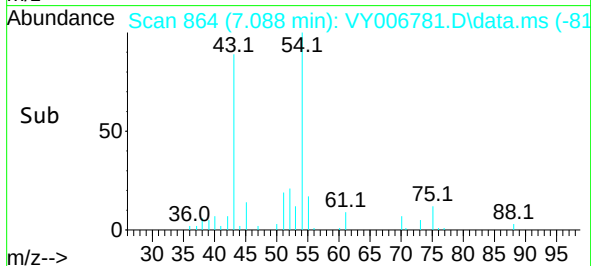
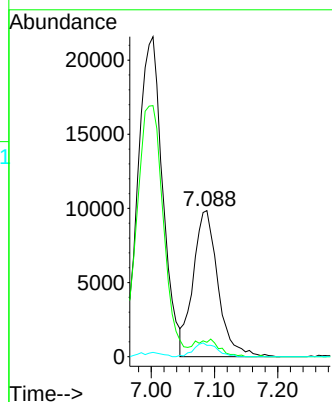
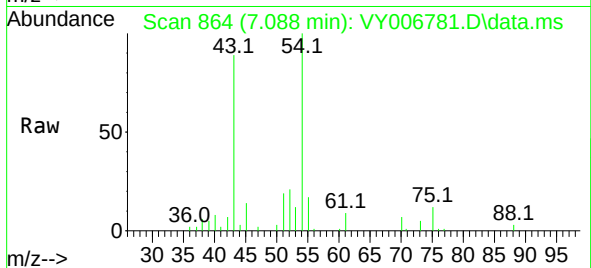
#37
Ethyl Acetate
Concen: 20.417 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion: 43 Resp: 2690
Ion Ratio Lower Upper
43 100
61 11.8 9.4 14.2
70 8.6 6.9 10.3

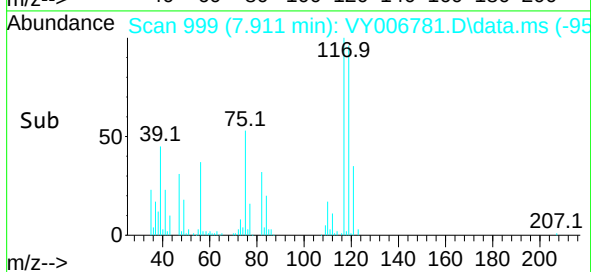
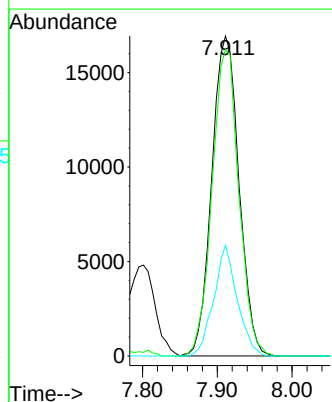
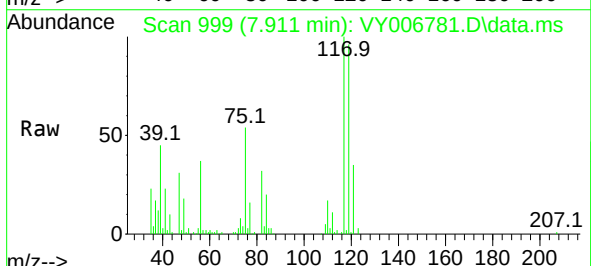
Manual Integrations
APPROVED

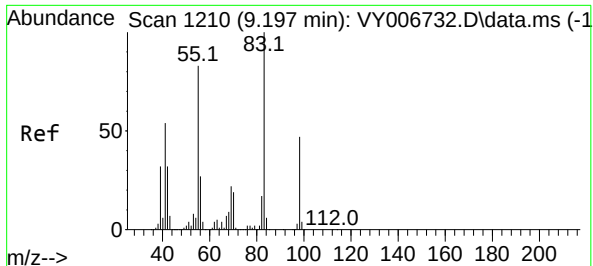
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Carbon Tetrachloride
Concen: 21.214 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Tgt Ion:117 Resp: 42767
Ion Ratio Lower Upper
117 100
119 95.7 76.6 115.0
121 34.6 24.7 37.1





#39

Methylcyclohexane

Concen: 20.073 ug/l

RT: 9.191 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

Instrument :

MSVOA_Y

ClientSampleId :

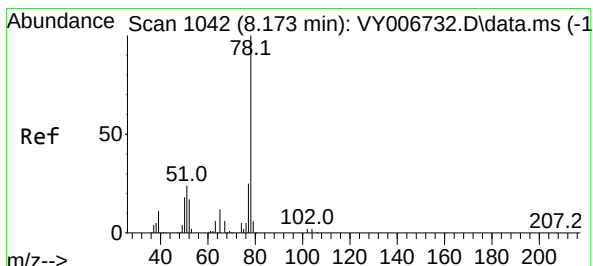
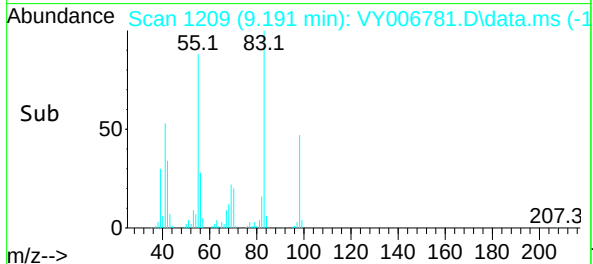
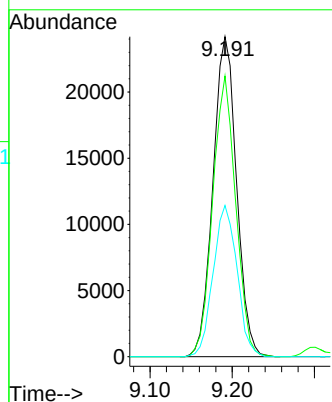
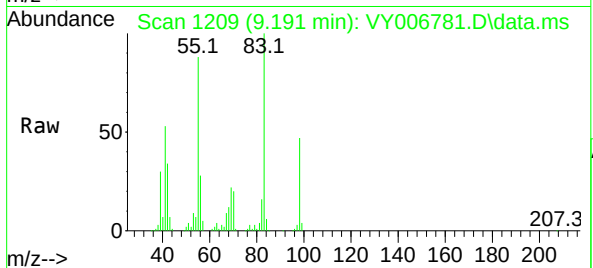
VY1117SBSD01

Tgt Ion: 83	Resp: 48250
Ion Ratio	Lower Upper
83	100
55	87.7 65.3 97.9
98	47.3 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40

Benzene

Concen: 20.531 ug/l

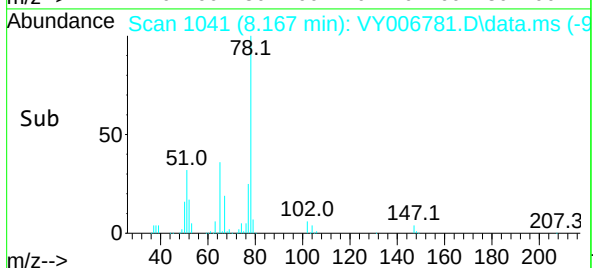
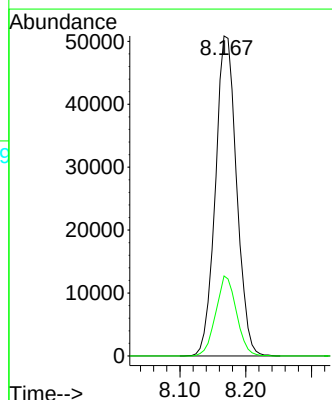
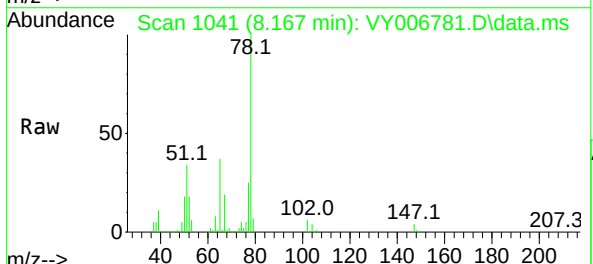
RT: 8.167 min Scan# 1041

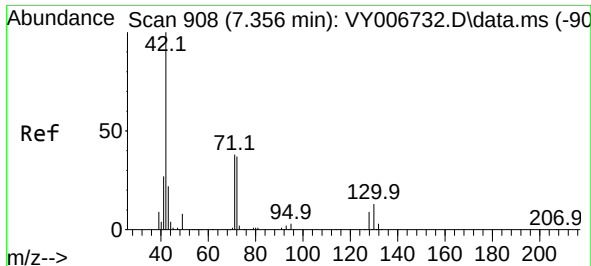
Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

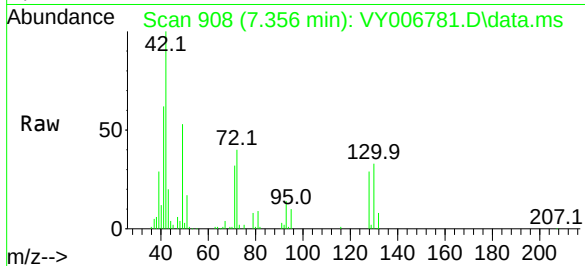
Tgt Ion: 78	Resp: 113916
Ion Ratio	Lower Upper
78	100
77	25.0 19.7 29.5





#41
Methacrylonitrile
Concen: 20.371 ug/l m
RT: 7.356 min Scan# 908
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

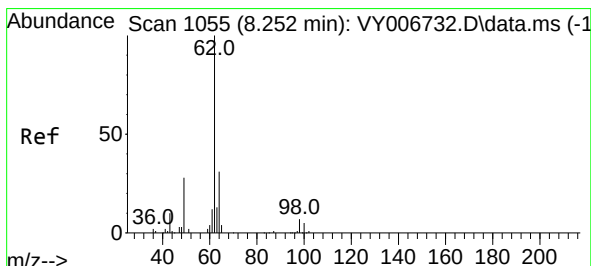
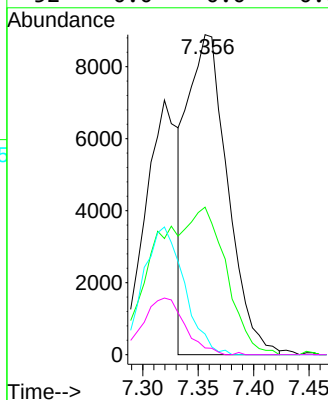
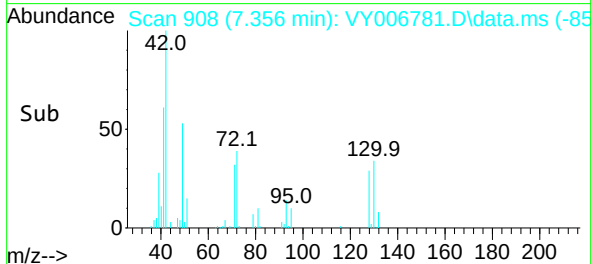
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



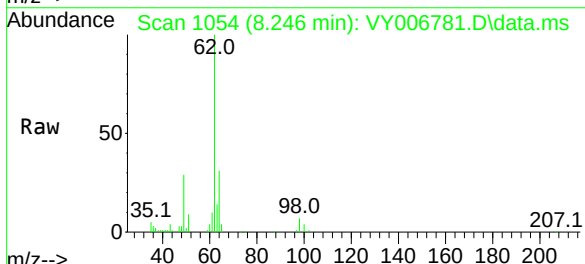
Tgt Ion: 41 Resp: 22540
Ion Ratio Lower Upper
41 100
39 81.2 109.0 163.6
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

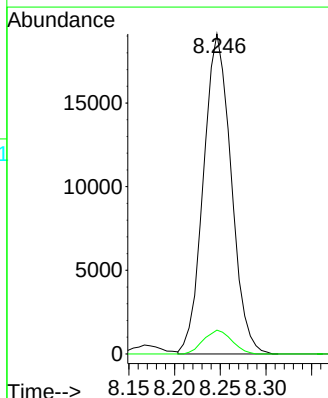
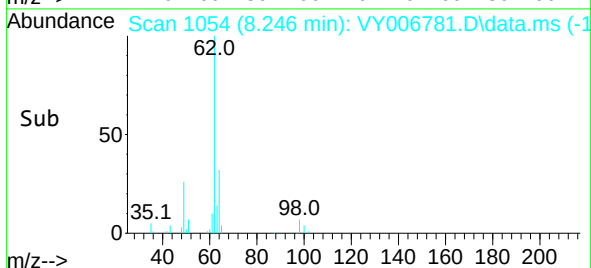
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

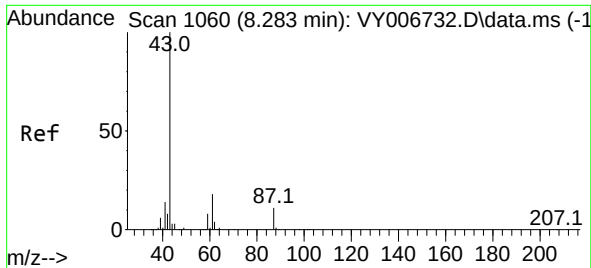


#42
1,2-Dichloroethane
Concen: 21.779 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22



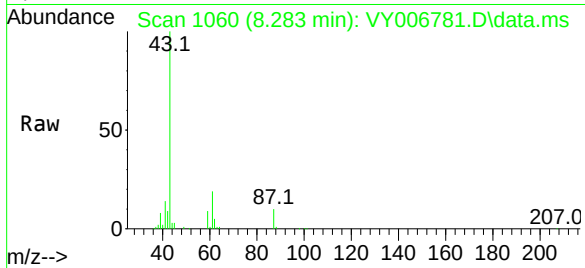
Tgt Ion: 62 Resp: 40259
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43
Isopropyl Acetate
Concen: 20.135 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

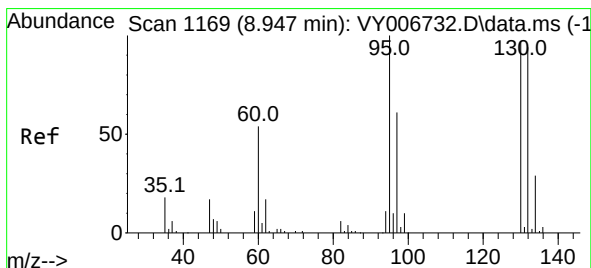
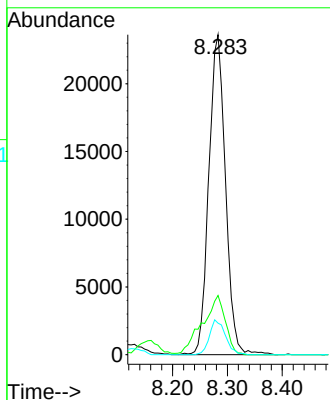
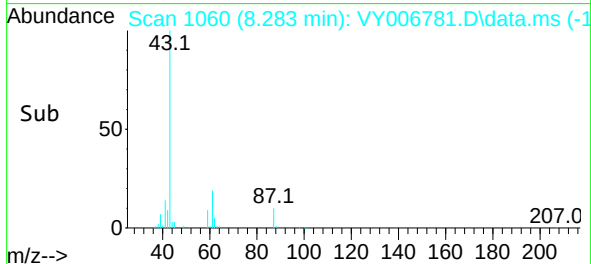
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 43 Resp: 49772
Ion Ratio Lower Upper
43 100
61 25.6 20.5 30.7
87 10.4 9.0 13.6

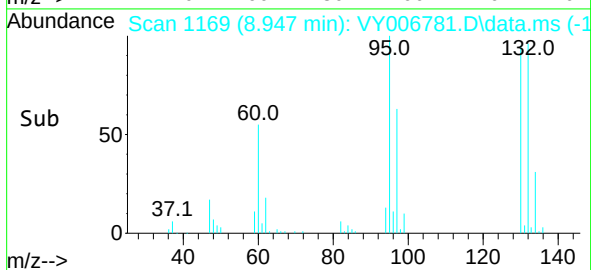
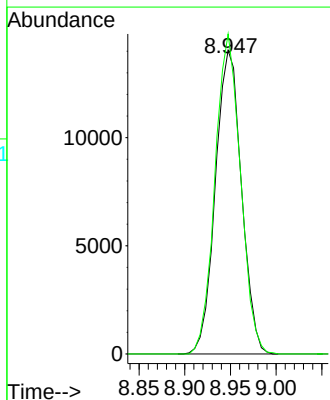
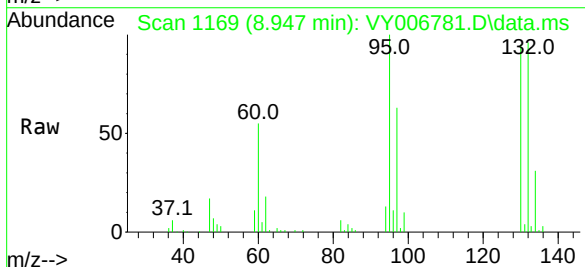
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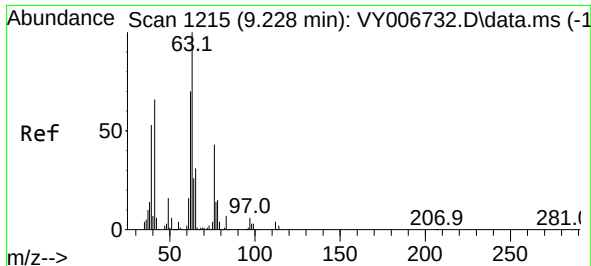
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 20.622 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Tgt Ion:130 Resp: 27835
Ion Ratio Lower Upper
130 100
95 105.4 0.0 200.4





#45

1,2-Dichloropropane

Concen: 20.472 ug/l

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBSD01

Tgt Ion: 63 Resp: 2930

Ion Ratio Lower Upper

63 100

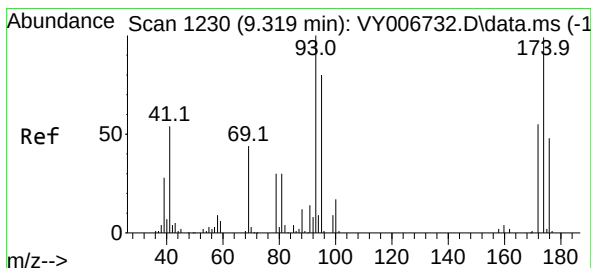
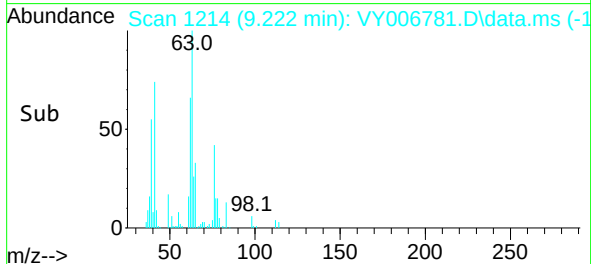
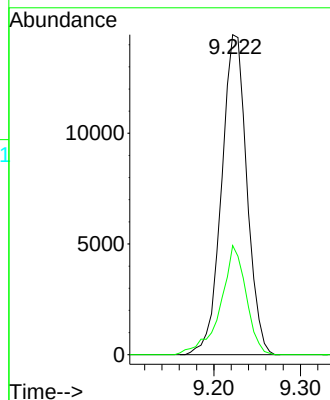
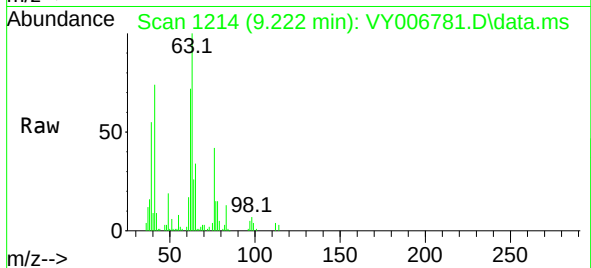
65 34.1 24.2 36.2

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Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 20.520 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

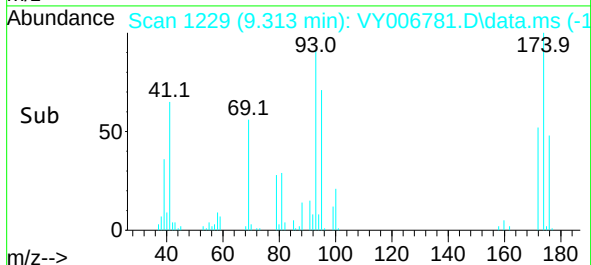
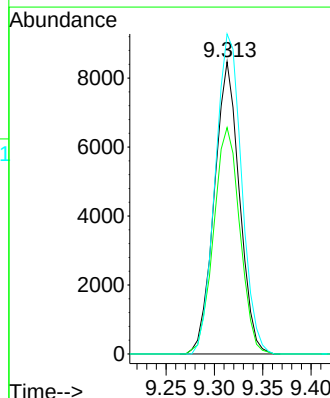
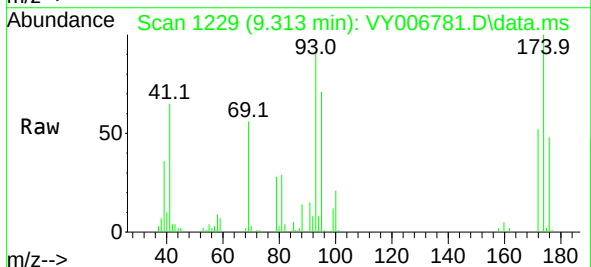
Tgt Ion: 93 Resp: 15300

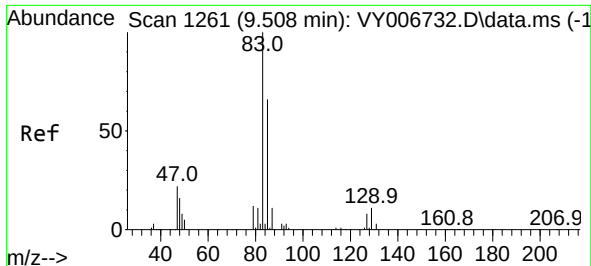
Ion Ratio Lower Upper

93 100

95 80.7 65.5 98.3

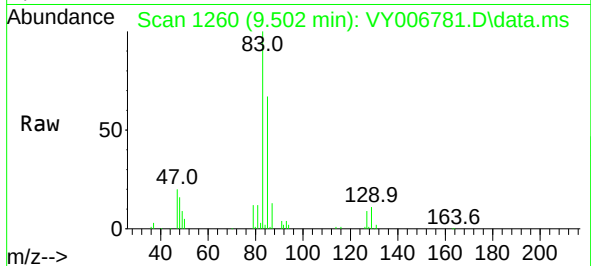
174 114.7 84.3 126.5





#47
Bromodichloromethane
Concen: 20.303 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

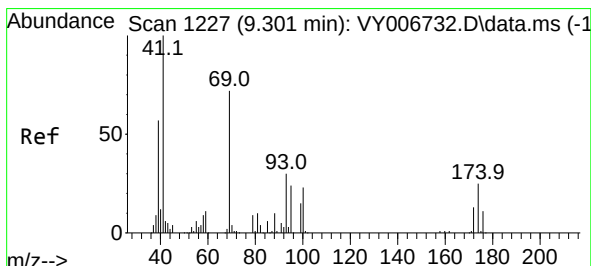
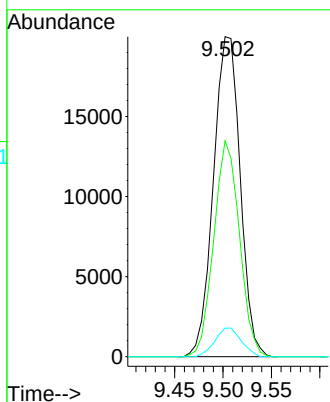
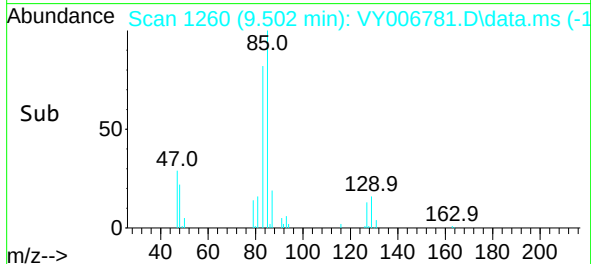
Instrument : MSVOA_Y
ClientSampleId : VY1117SBSD01



Tgt Ion: 83 Resp: 3844
Ion Ratio Lower Upper
83 100
85 67.5 49.9 74.9
127 8.9 7.1 10.7

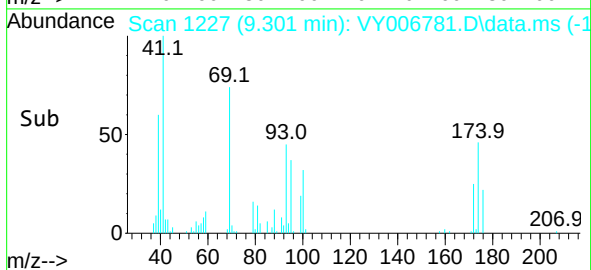
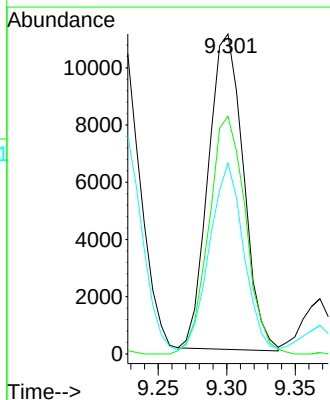
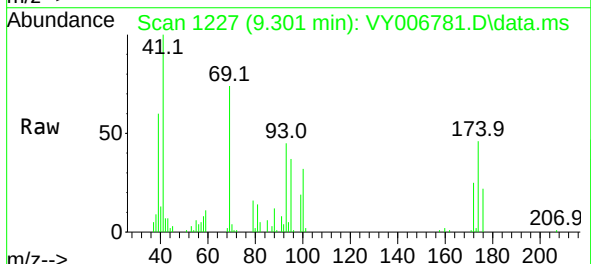
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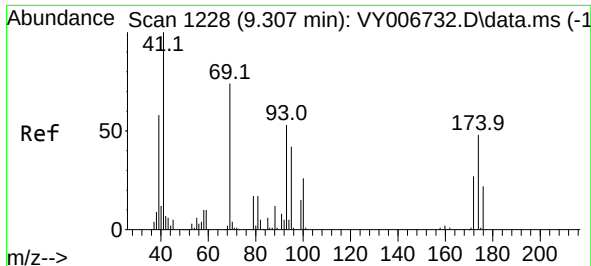
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 16.788 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Tgt Ion: 41 Resp: 19662
Ion Ratio Lower Upper
41 100
69 78.7 60.4 90.6
39 59.8 48.2 72.2





#49

1,4-Dioxane

Concen: 374.264 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006781.D

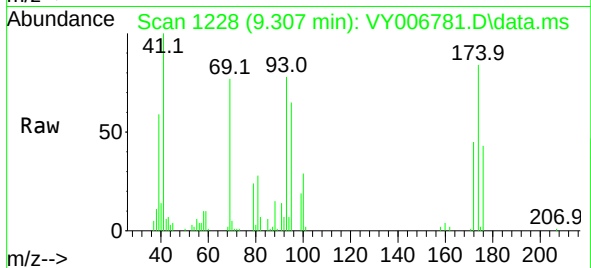
Acq: 17 Nov 2021 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBSD01

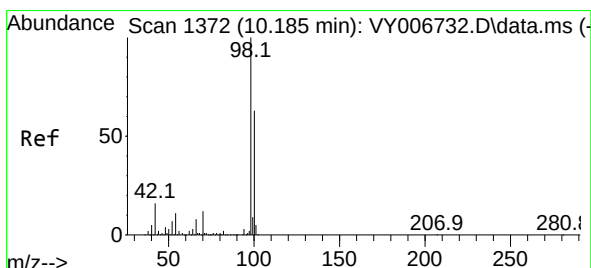
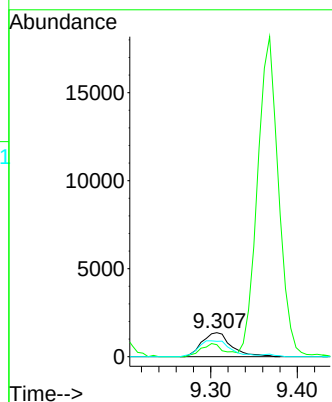
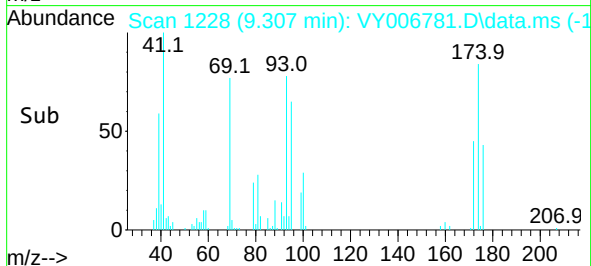


Tgt Ion:	88	Resp:	320
Ion Ratio	Lower	Upper	
88	100		
43	38.4	34.1	51.1
58	73.2	57.5	86.3

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 50.019 ug/l

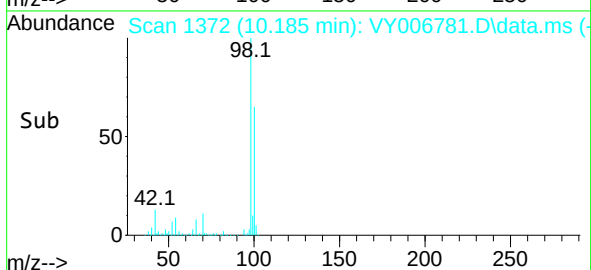
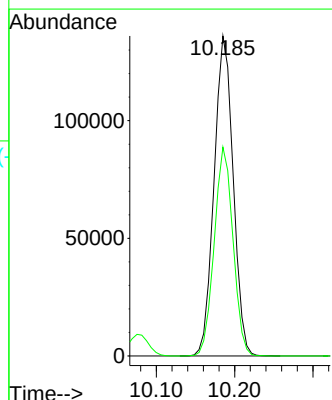
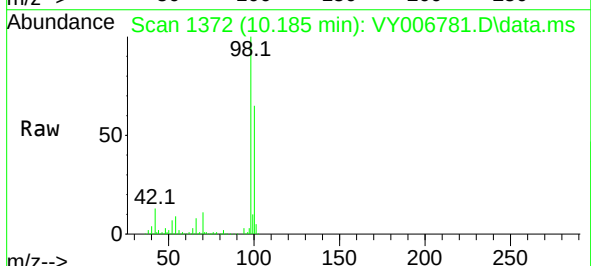
RT: 10.185 min Scan# 1372

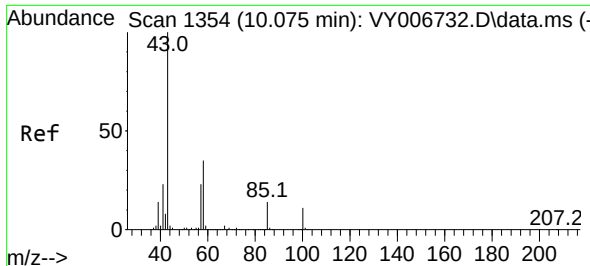
Delta R.T. -0.000 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

Tgt Ion:	98	Resp:	230537
Ion Ratio	Lower	Upper	
98	100		
100	64.2	50.9	76.3





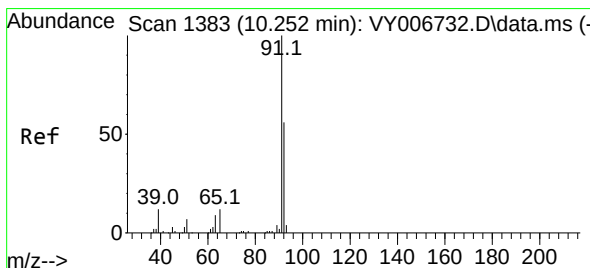
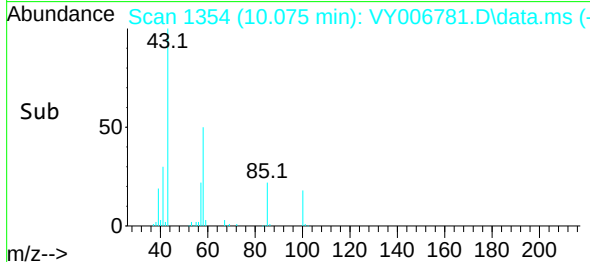
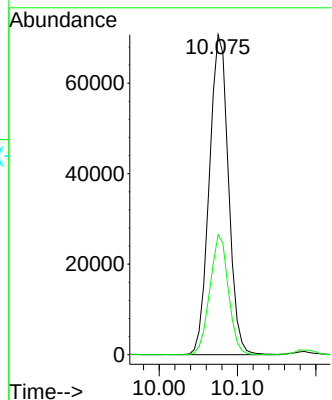
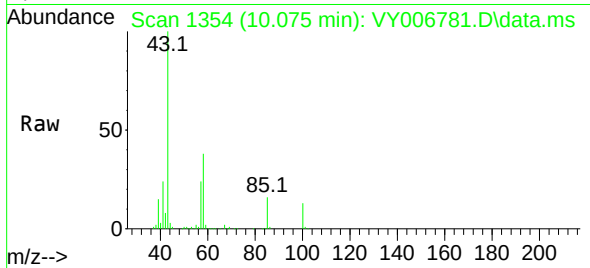
#51
4-Methyl-2-Pentanone
Concen: 92.159 ug/l
RT: 10.075 min Scan# 11998
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion: 43 Resp: 11998
Ion Ratio Lower Upper
43 100
58 36.2 28.7 43.1

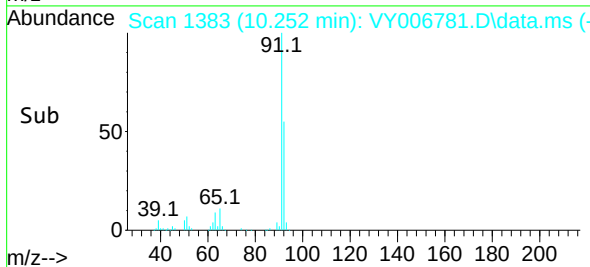
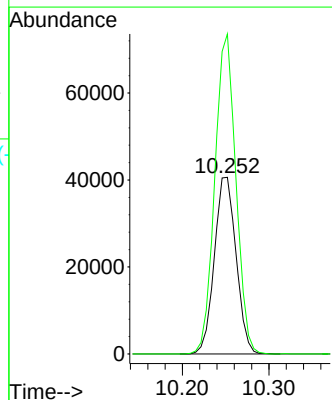
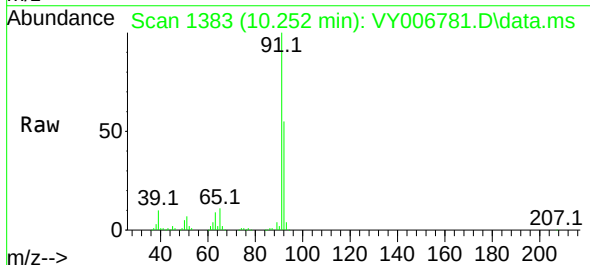
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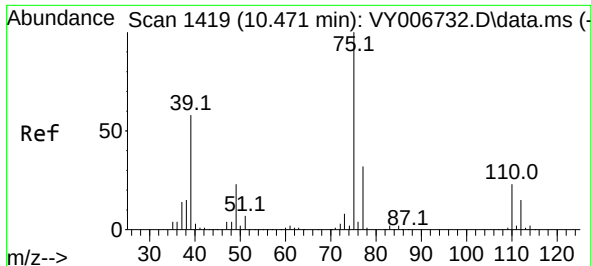
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 21.029 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

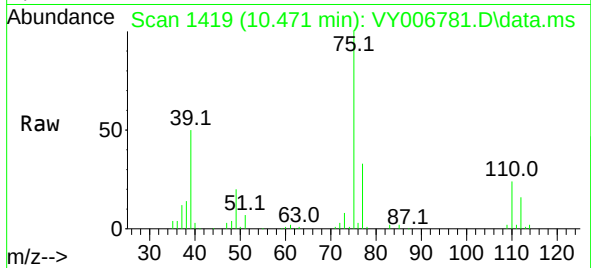
Tgt Ion: 92 Resp: 70853
Ion Ratio Lower Upper
92 100
91 175.2 139.7 209.5





#53
t-1,3-Dichloropropene
Concen: 20.559 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

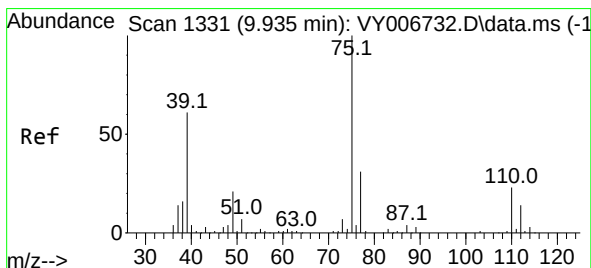
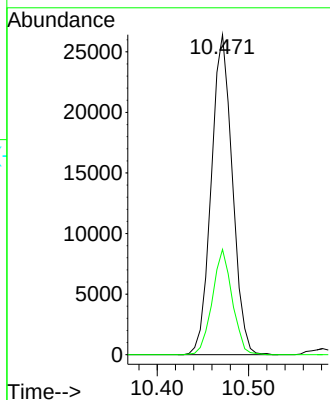
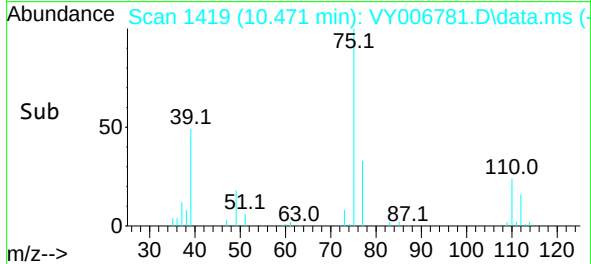
Instrument : MSVOA_Y
ClientSampleId : VY1117SBS01



Tgt Ion: 75 Resp: 42315
Ion Ratio Lower Upper
75 100
77 32.9 24.9 37.3

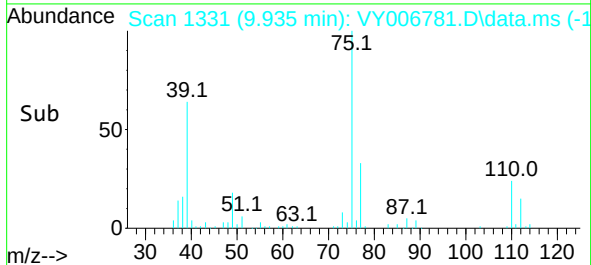
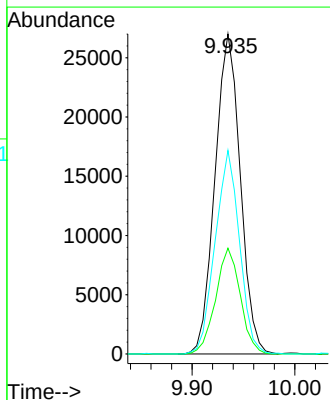
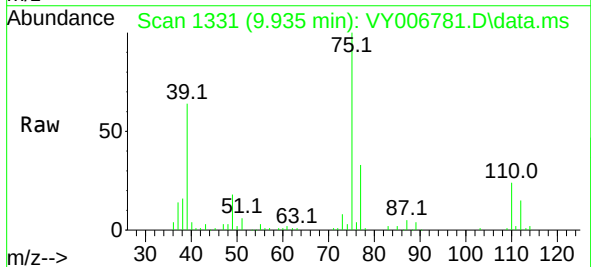
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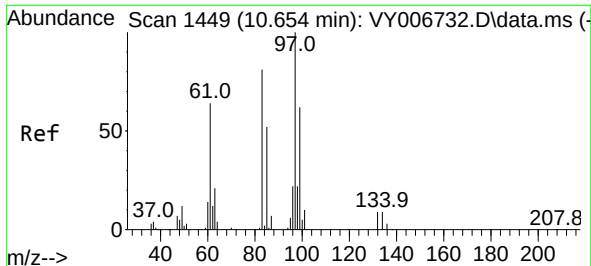
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#54
cis-1,3-Dichloropropene
Concen: 20.001 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

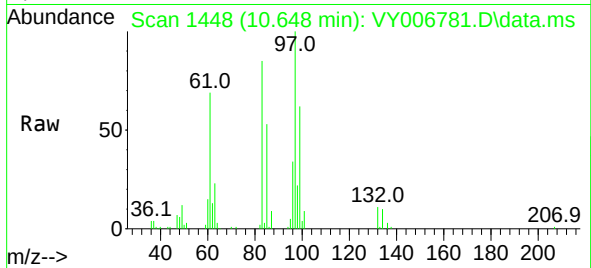
Tgt Ion: 75 Resp: 46168
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.2
39 63.6 50.2 75.2





#55
1,1,2-Trichloroethane
Concen: 21.348 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

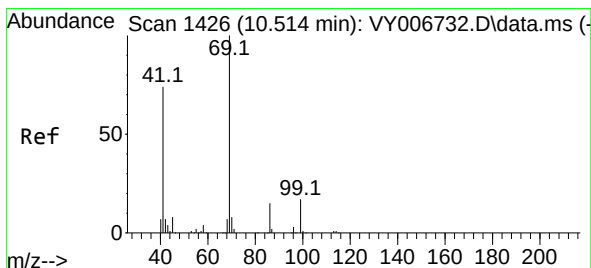
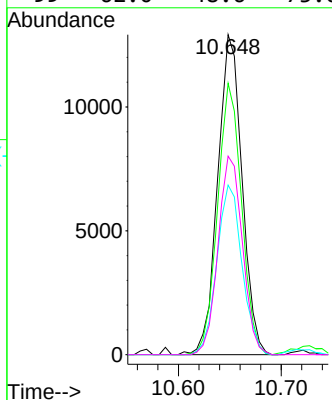
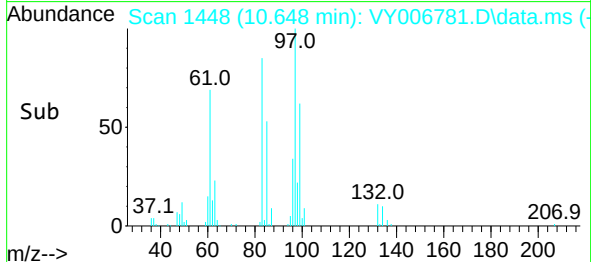
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.2	99.2
85	53.0	42.2	63.4
99	62.0	48.6	73.0

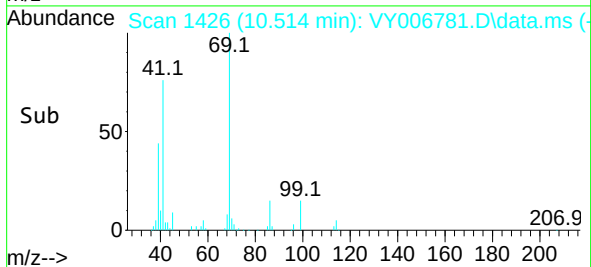
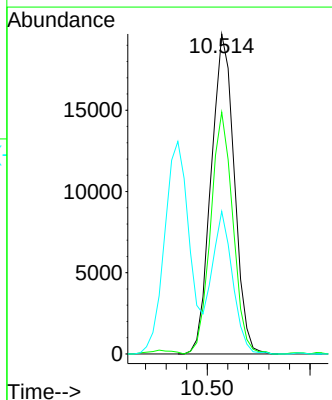
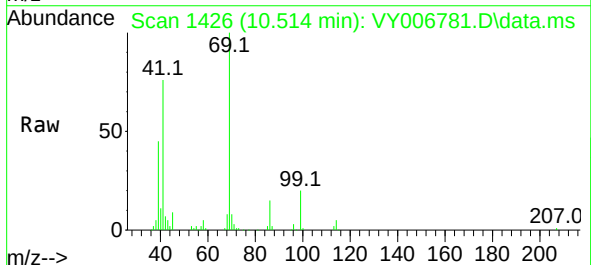
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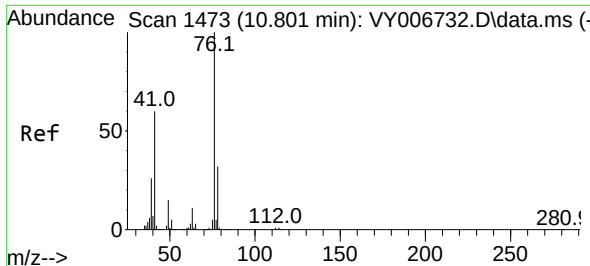
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#56
Ethyl methacrylate
Concen: 19.904 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.4	62.9	94.3
39	39.1	35.7	53.5





#57

1,3-Dichloropropane

Concen: 20.909 ug/l

RT: 10.795 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBSD01

Tgt Ion: 76 Resp: 37978

Ion Ratio Lower Upper

76 100

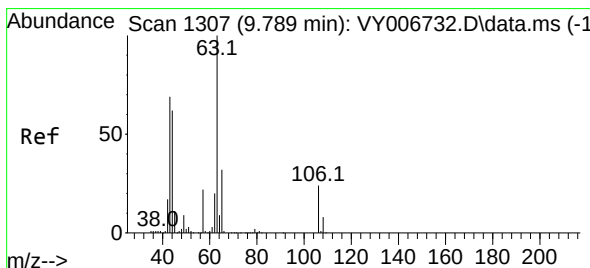
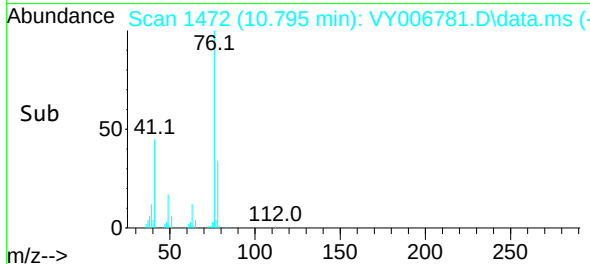
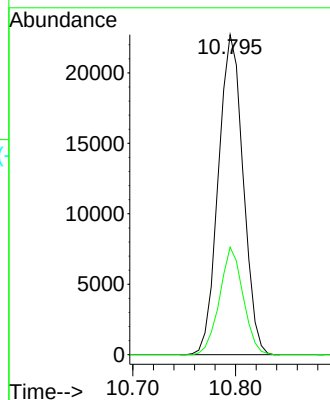
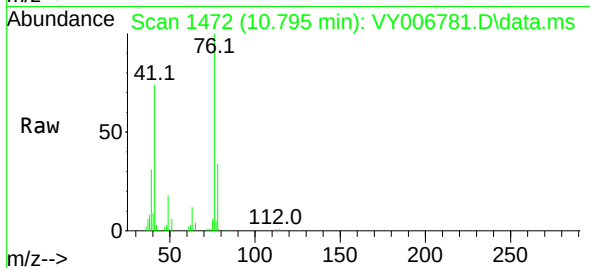
78 31.9 25.4 38.2

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 95.138 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY006781.D

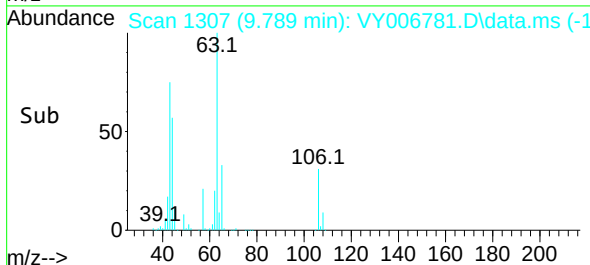
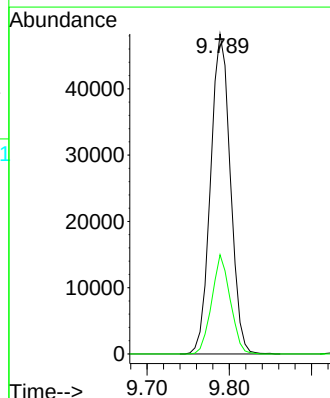
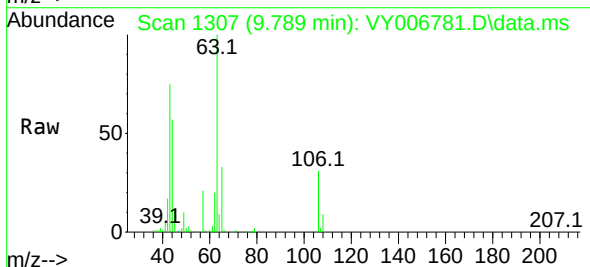
Acq: 17 Nov 2021 12:22

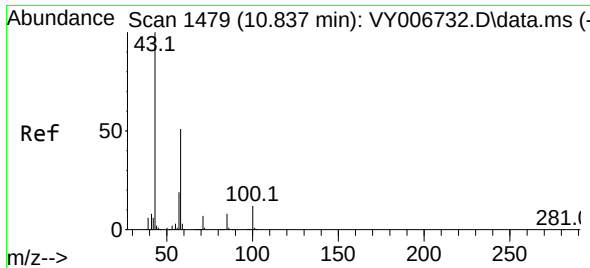
Tgt Ion: 63 Resp: 80591

Ion Ratio Lower Upper

63 100

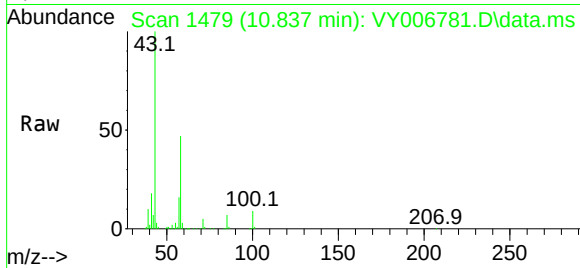
106 29.1 21.4 32.2





#59
2-Hexanone
Concen: 109.560 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

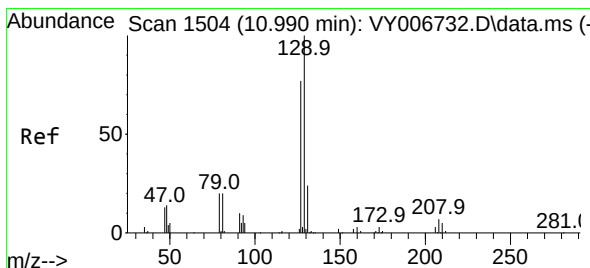
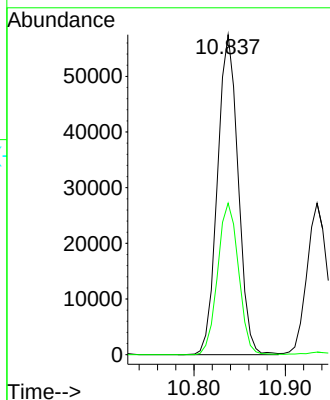
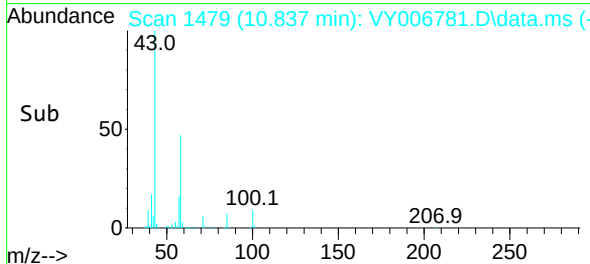
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



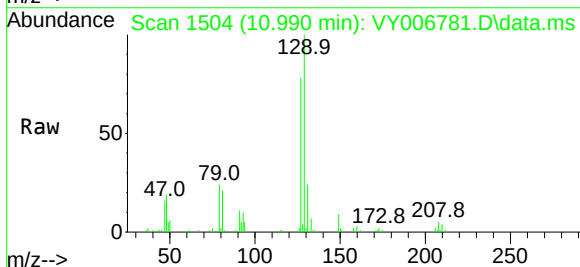
Tgt Ion: 43 Resp: 90550
Ion Ratio Lower Upper
43 100
58 47.8 24.6 73.6

Manual Integrations
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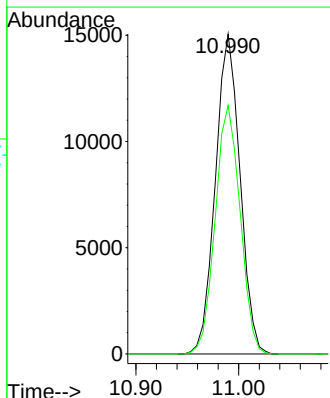
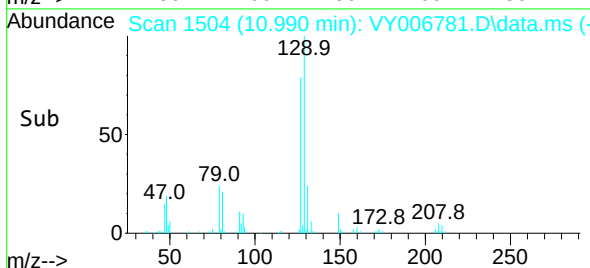
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

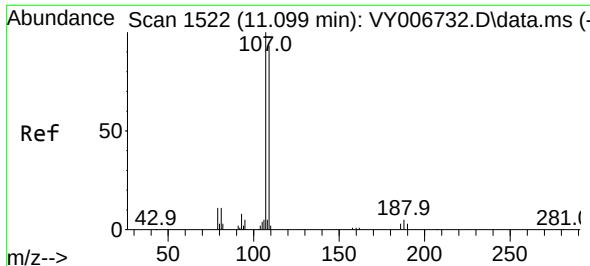


#60
Dibromochloromethane
Concen: 20.517 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22



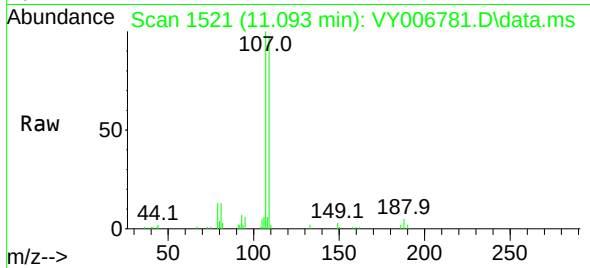
Tgt Ion:129 Resp: 25033
Ion Ratio Lower Upper
129 100
127 78.6 39.4 118.1





#61
1,2-Dibromoethane
Concen: 20.828 ug/l
RT: 11.093 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

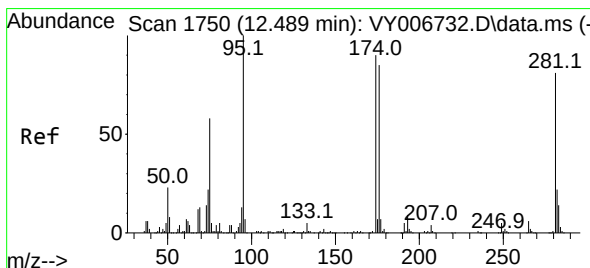
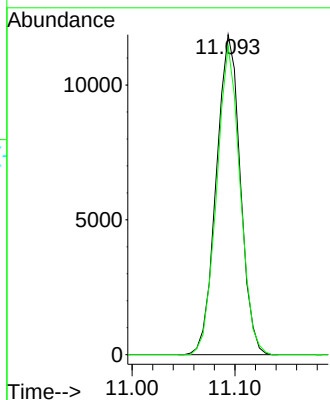
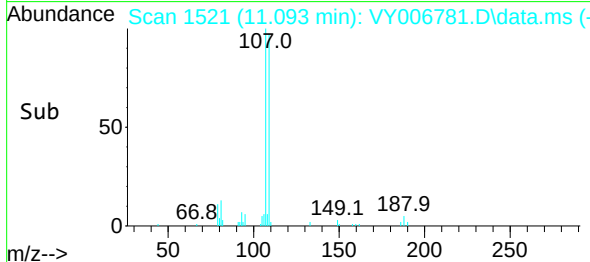
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion:107 Resp: 19208
Ion Ratio Lower Upper
107 100
109 94.2 76.2 114.2

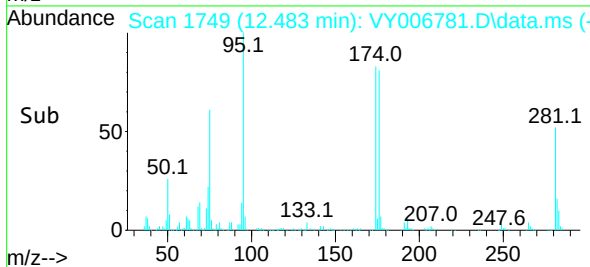
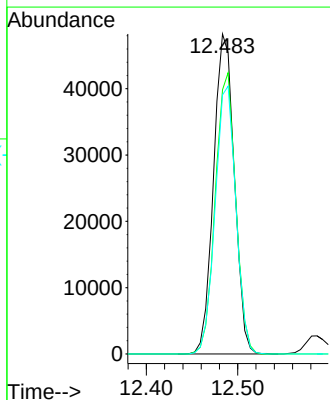
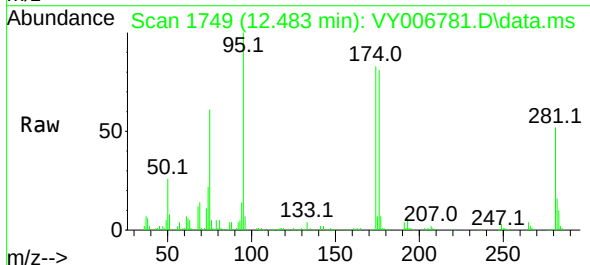
Manual Integrations
APPROVED

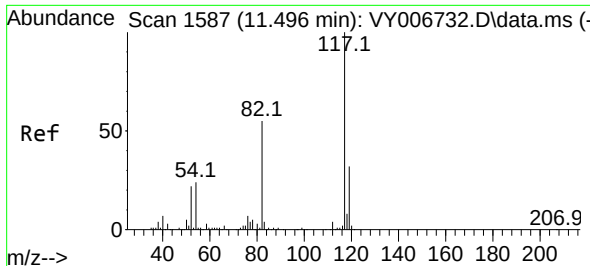
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 48.963 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

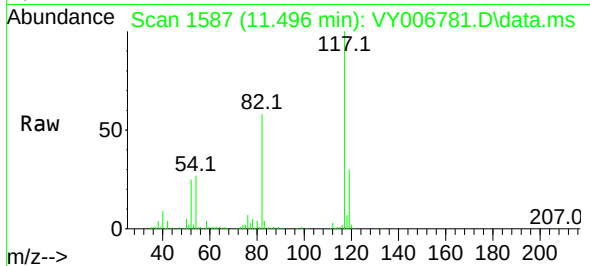
Tgt Ion: 95 Resp: 76079
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 83.7 0.0 169.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

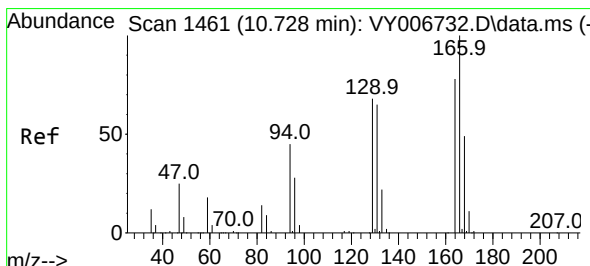
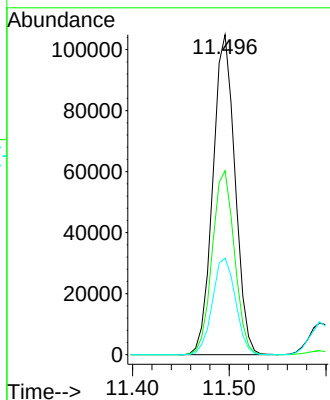
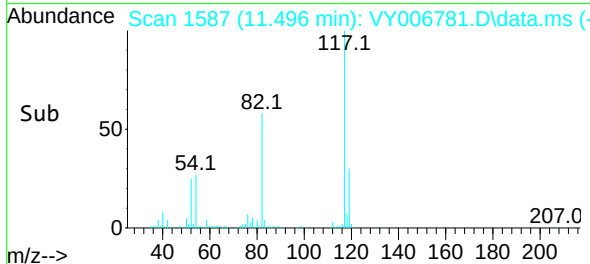
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion:117 Resp: 166639
Ion Ratio Lower Upper
117 100
82 57.5 45.7 68.5
119 30.2 25.5 38.3

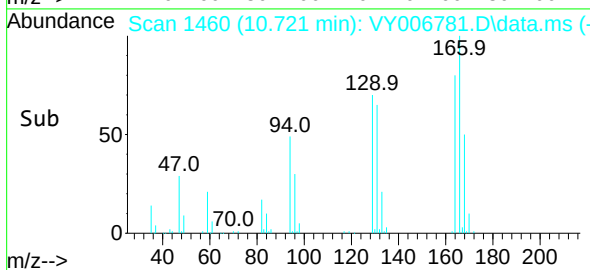
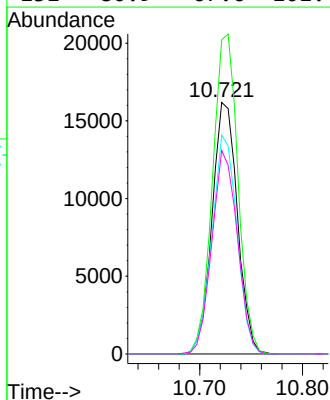
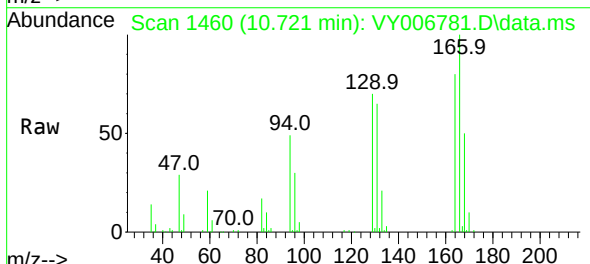
Manual Integrations
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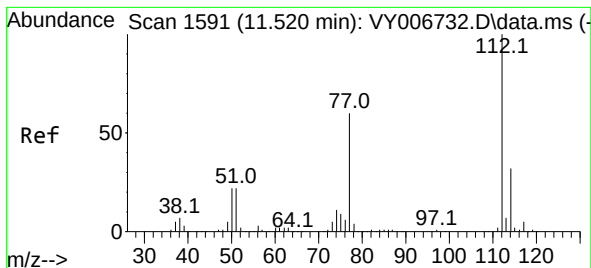
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 22.745 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

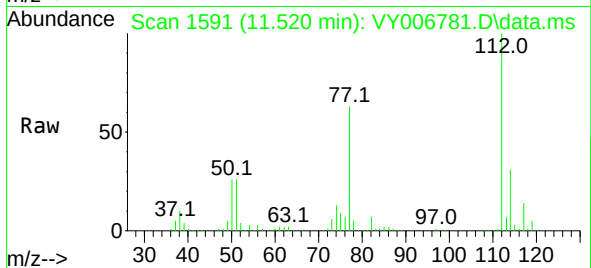
Tgt Ion:164 Resp: 27697
Ion Ratio Lower Upper
164 100
166 124.9 103.3 154.9
129 87.0 71.2 106.8
131 80.9 67.6 101.4





#65
Chlorobenzene
Concen: 20.817 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

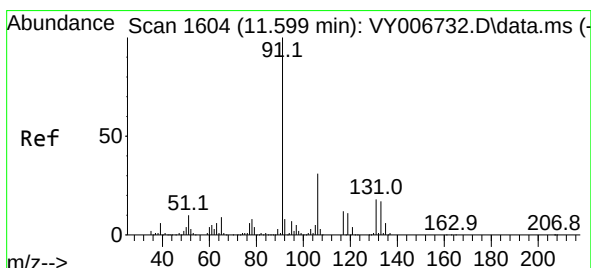
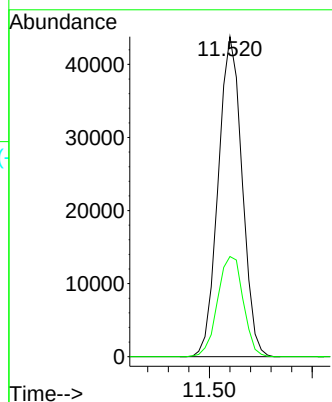
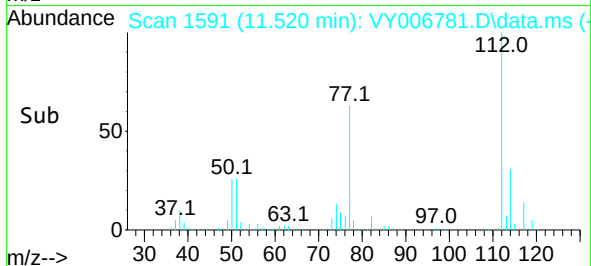
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



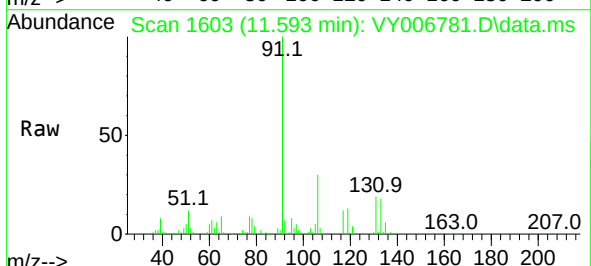
Tgt Ion:112 Resp: 70570
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8

Manual Integrations
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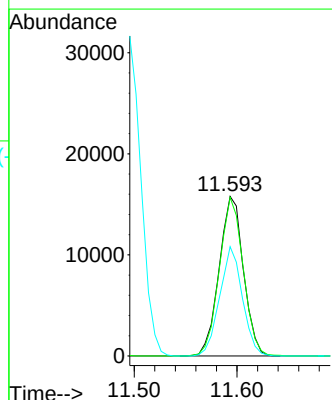
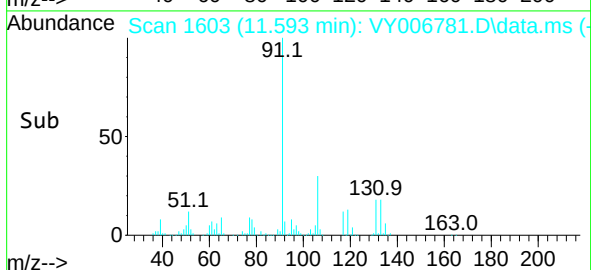
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

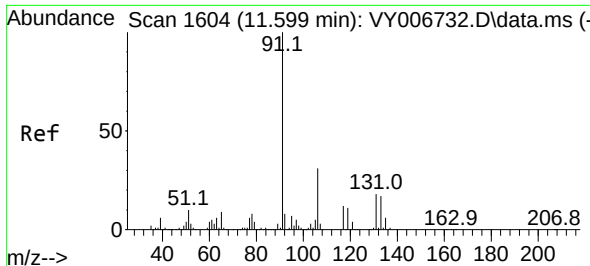


#66
1,1,1,2-Tetrachloroethane
Concen: 20.422 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22



Tgt Ion:131 Resp: 25892
Ion Ratio Lower Upper
131 100
133 97.7 47.8 143.3
119 63.9 30.8 92.4





#67

Ethyl Benzene

Concen: 21.315 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBSD01

Tgt Ion: 91 Resp: 13697

Ion Ratio Lower Upper

91 100

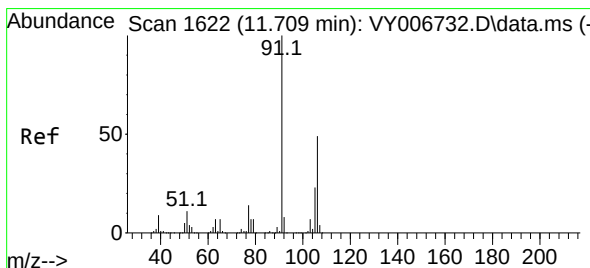
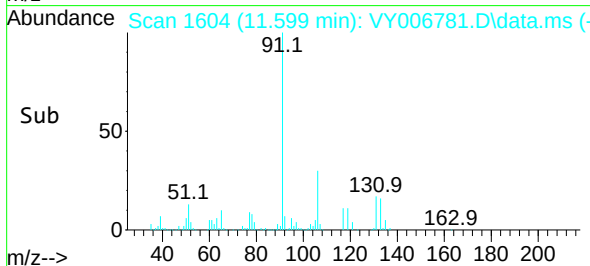
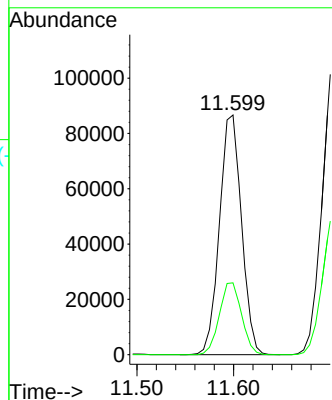
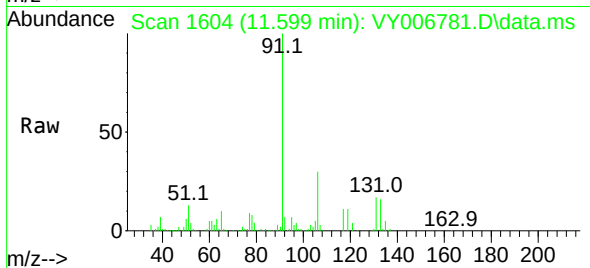
106 30.0 24.2 36.4

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#68

m/p-Xylenes

Concen: 41.973 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY006781.D

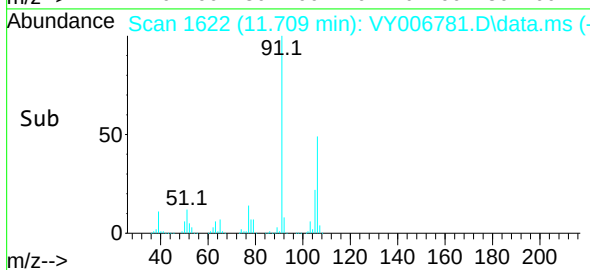
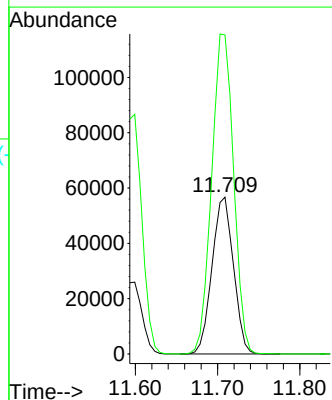
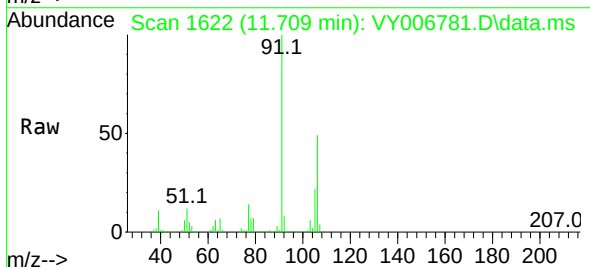
Acq: 17 Nov 2021 12:22

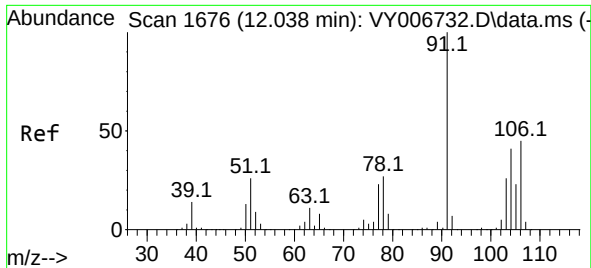
Tgt Ion:106 Resp: 102794

Ion Ratio Lower Upper

106 100

91 209.1 167.5 251.3





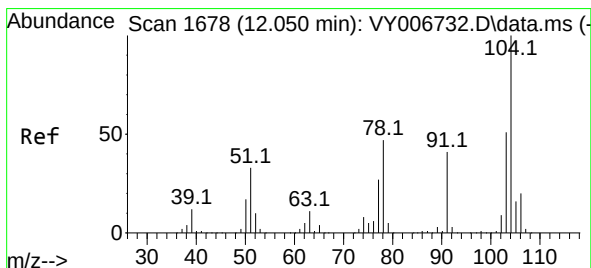
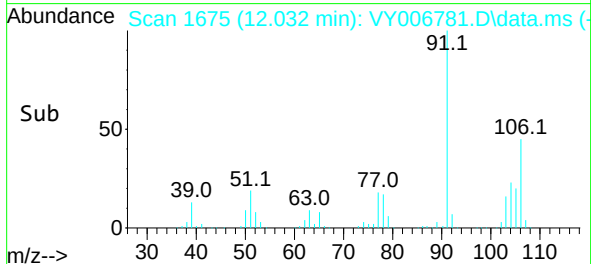
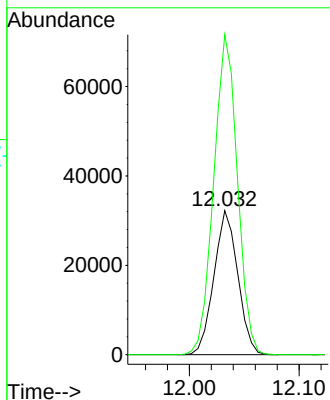
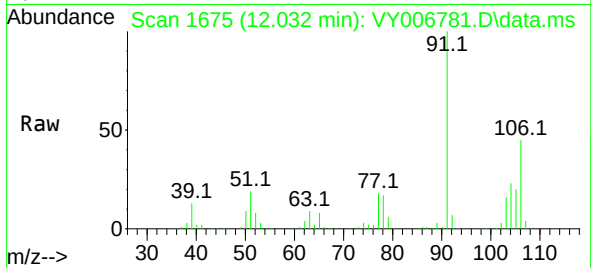
#69
o-Xylene
Concen: 21.008 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01

Tgt Ion:106 Resp: 4874
Ion Ratio Lower Upper
106 100
91 220.8 110.3 330.9

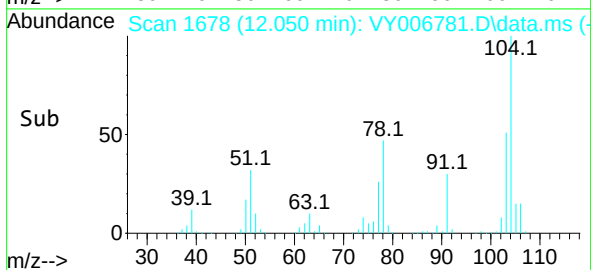
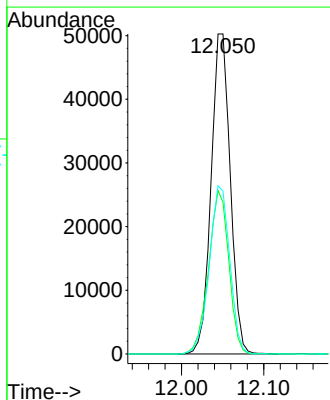
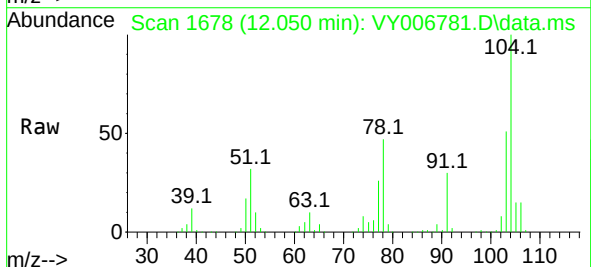
Manual Integrations
APPROVED

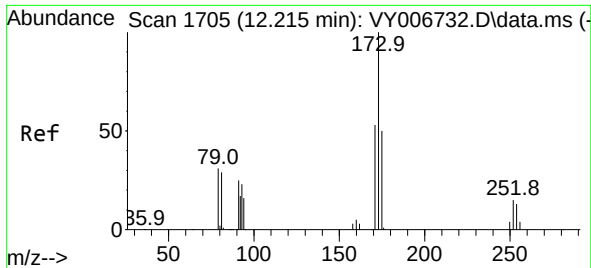
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 20.793 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

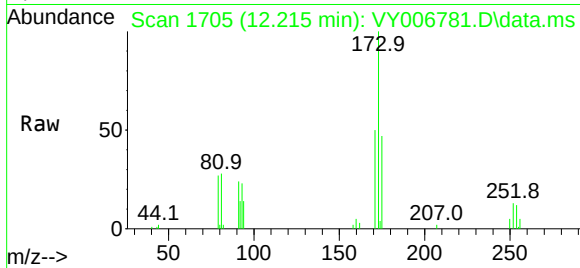
Tgt Ion:104 Resp: 81475
Ion Ratio Lower Upper
104 100
78 53.9 42.6 63.8
103 55.9 44.6 67.0





#71
Bromoform
Concen: 20.534 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

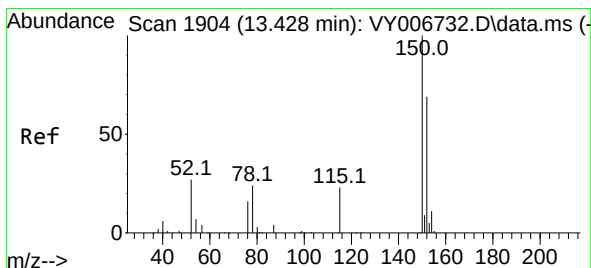
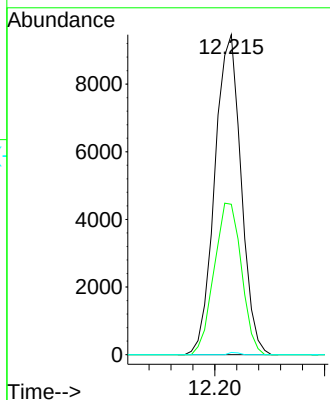
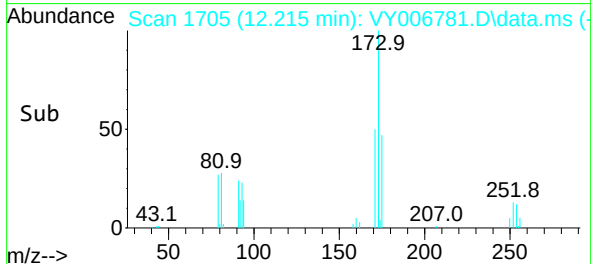
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion:173 Resp: 15758
Ion Ratio Lower Upper
173 100
175 49.2 24.8 74.3
254 0.3 0.1 0.1

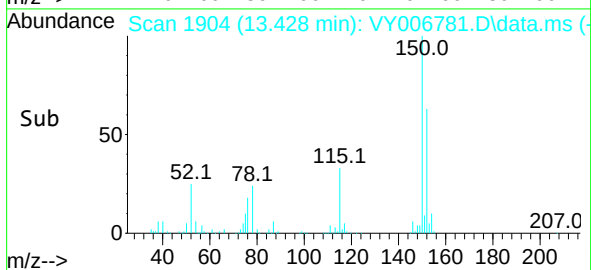
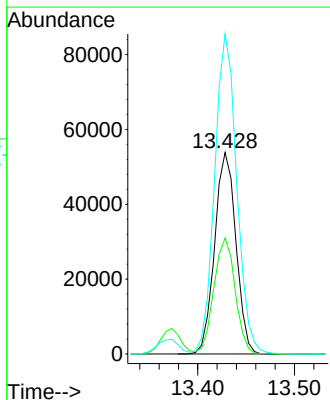
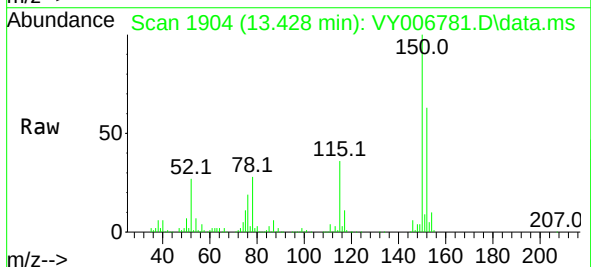
Manual Integrations
APPROVED

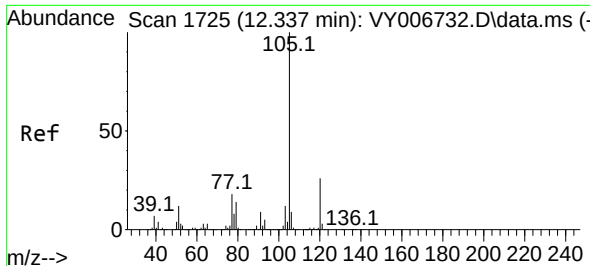
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

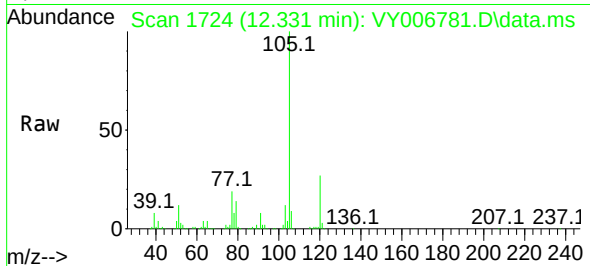
Tgt Ion:152 Resp: 82198
Ion Ratio Lower Upper
152 100
115 57.4 28.5 85.5
150 164.9 0.0 348.2





#73
Isopropylbenzene
Concen: 20.567 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

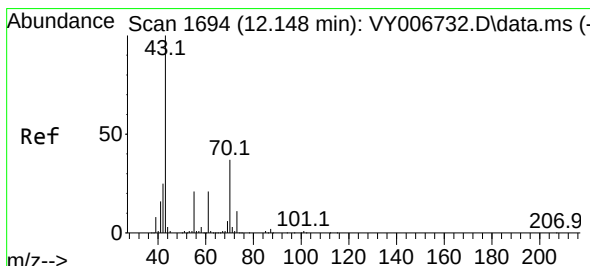
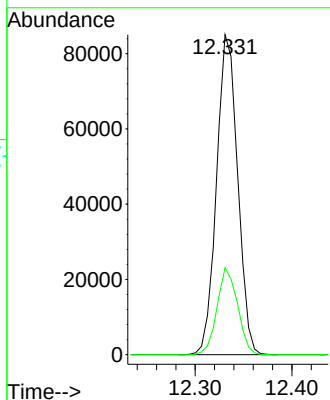
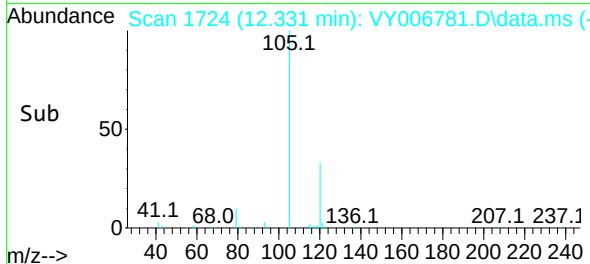
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



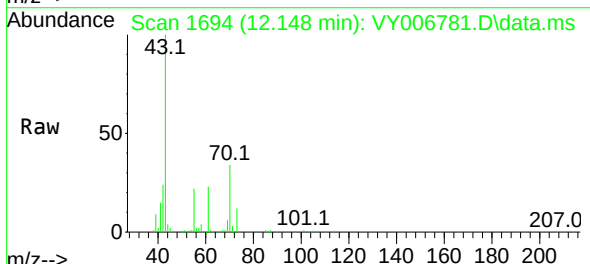
Tgt Ion:105 Resp: 12874
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9

Manual Integrations
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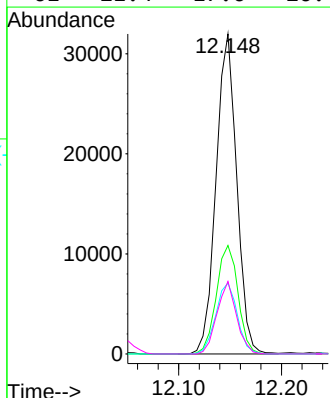
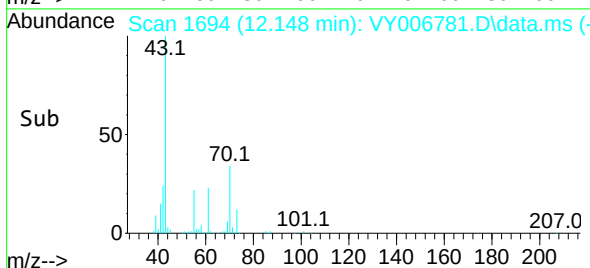
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

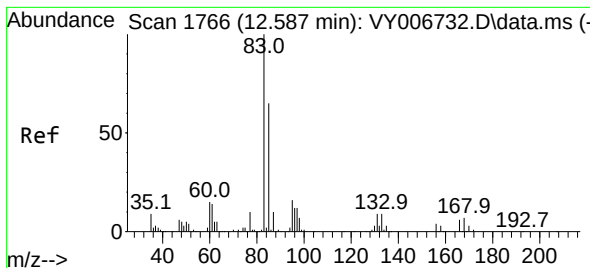


#74
N-ethyl acetate
Concen: 21.600 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22



Tgt Ion: 43 Resp: 44651
Ion Ratio Lower Upper
43 100
70 35.5 29.4 44.0
55 23.1 18.1 27.1
61 21.4 17.6 26.4





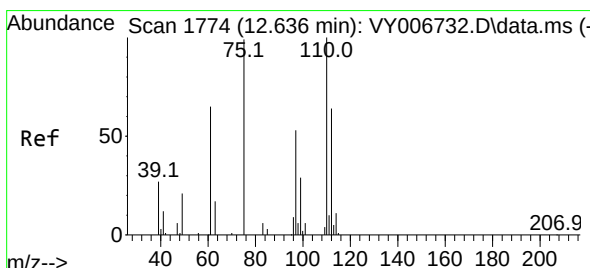
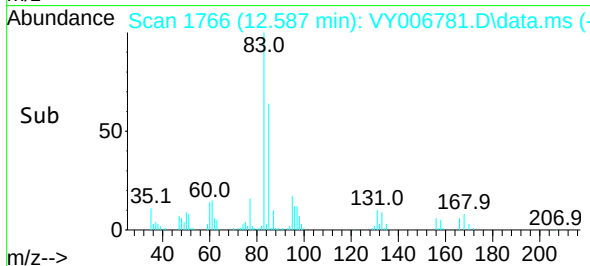
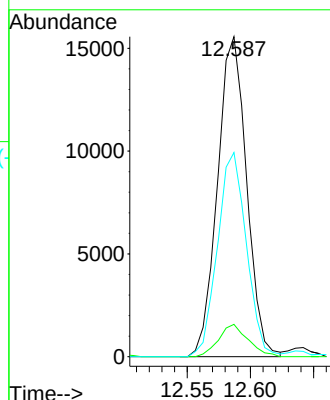
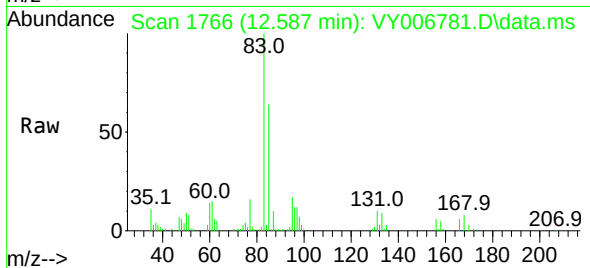
#75
1,1,2,2-Tetrachloroethane
Concen: 21.462 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01

Tgt Ion: 83 Resp: 2485
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.4
85 63.5 31.9 95.9

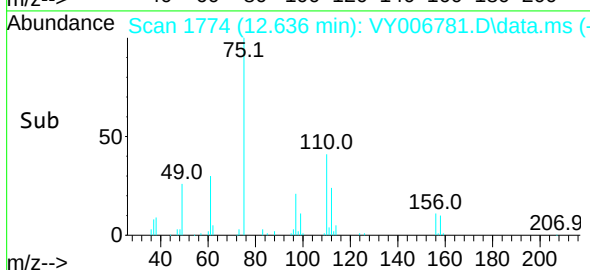
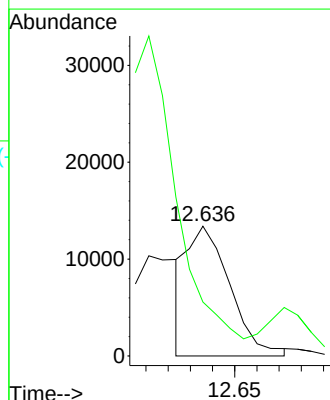
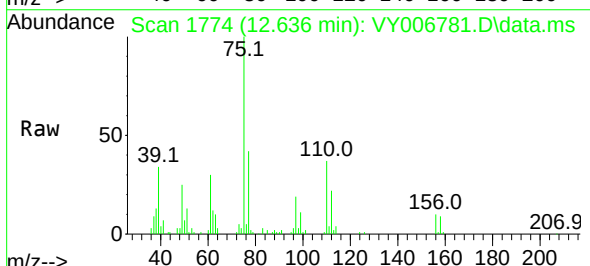
Manual Integrations
APPROVED

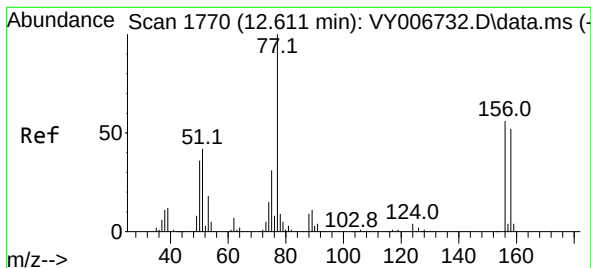
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 20.114 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Tgt Ion: 75 Resp: 17975
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.983 ug/l

RT: 12.611 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

Instrument :

MSVOA_Y

ClientSampleId :

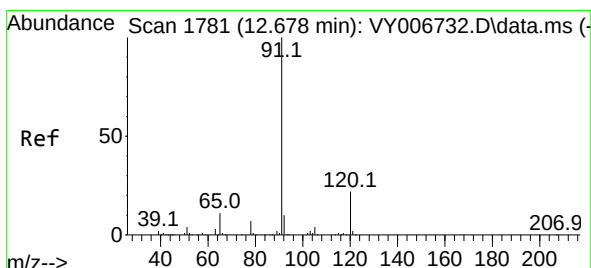
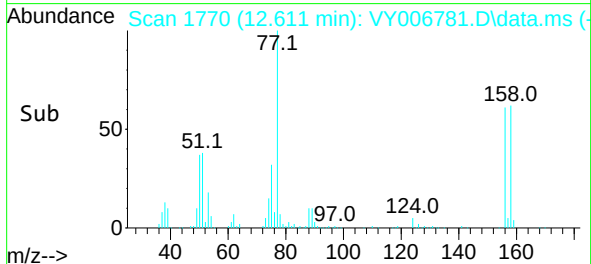
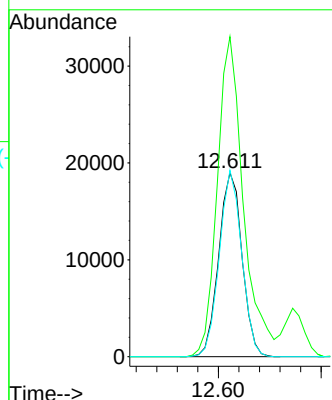
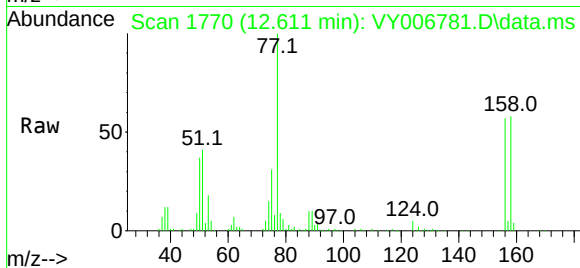
VY1117SBSD01

Tgt Ion:	156	Resp:	2991
Ion Ratio	Lower	Upper	
156	100		
77	194.1	94.2	282.4
158	97.2	48.6	145.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78

n-propylbenzene

Concen: 21.442 ug/l

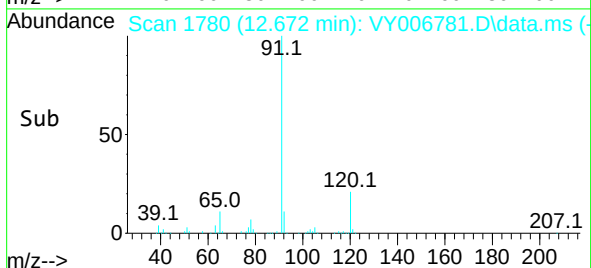
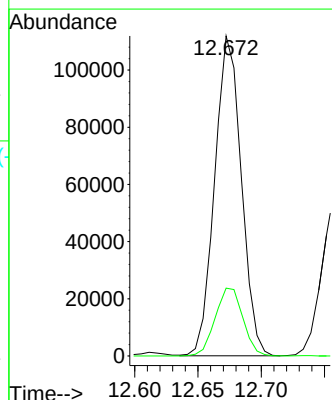
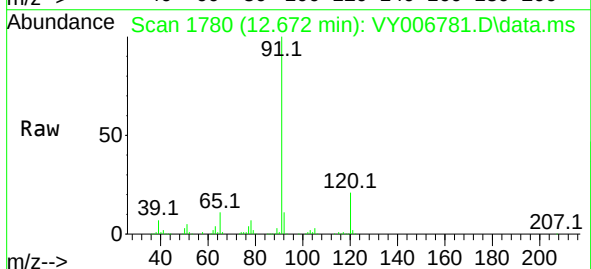
RT: 12.672 min Scan# 1780

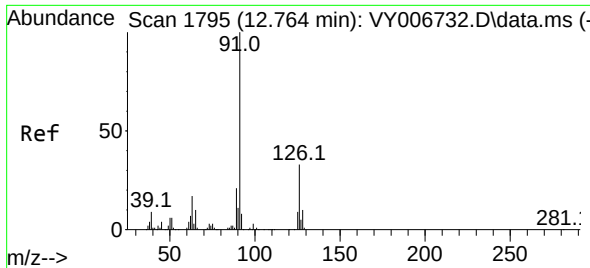
Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

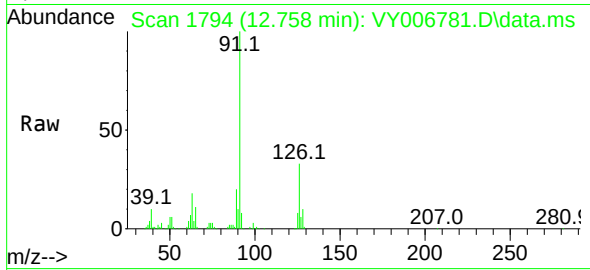
Tgt Ion:	91	Resp:	163623
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.3	33.8





#79
2-Chlorotoluene
Concen: 21.496 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

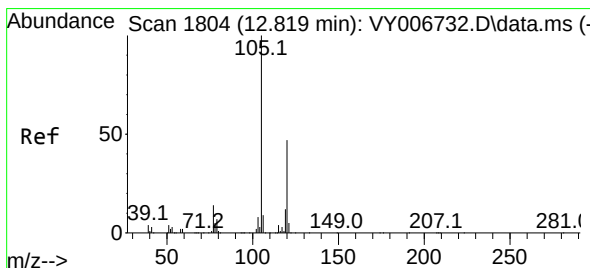
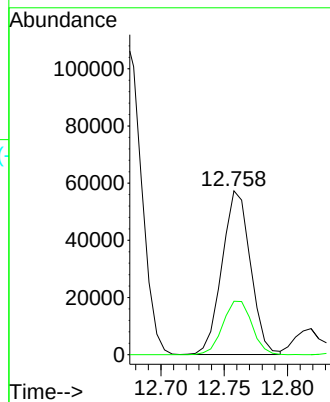
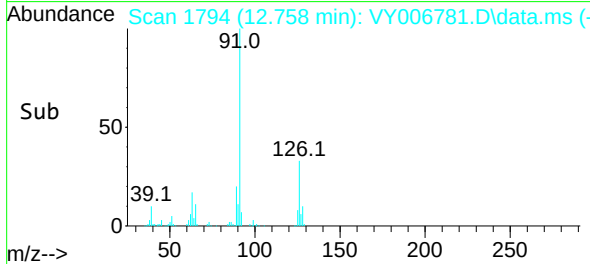
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



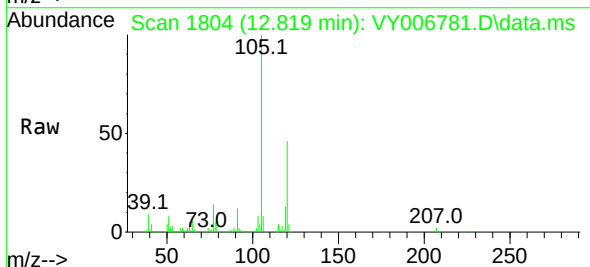
Tgt Ion: 91 Resp: 8976
Ion Ratio Lower Upper
91 100
126 33.4 17.1 51.2

Manual Integrations
APPROVED

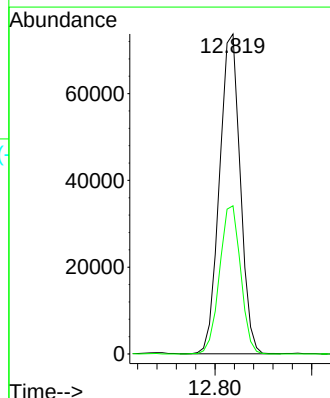
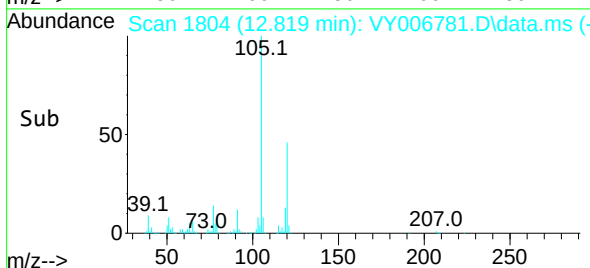
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

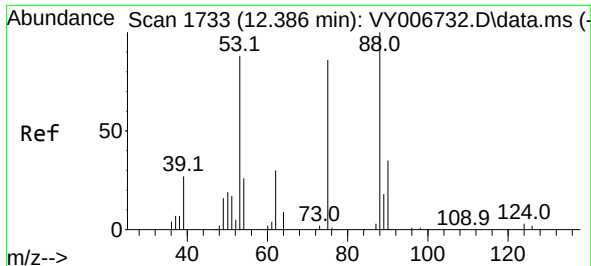


#80
1,3,5-Trimethylbenzene
Concen: 21.373 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22



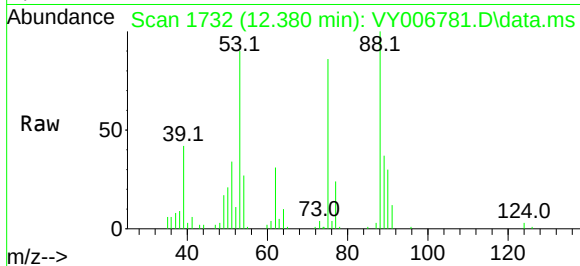
Tgt Ion:105 Resp: 109651
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 21.194 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

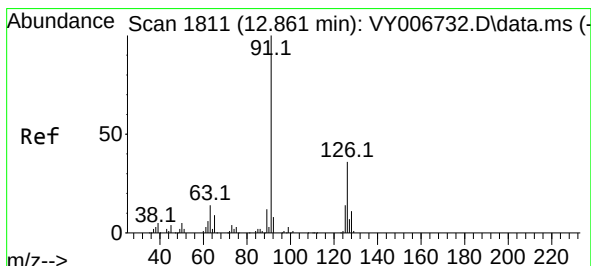
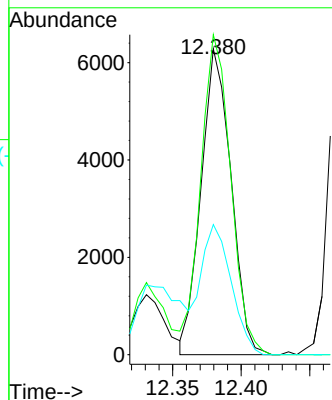
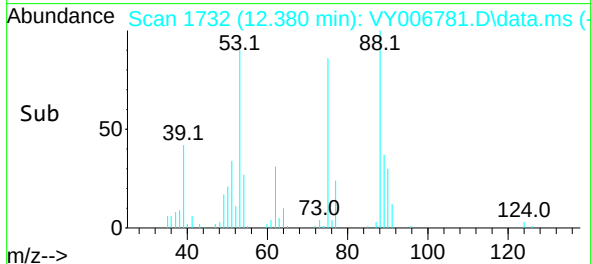
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion: 75 Resp: 955
Ion Ratio Lower Upper
75 100
53 104.5 85.8 128.6
89 43.3 39.3 58.9

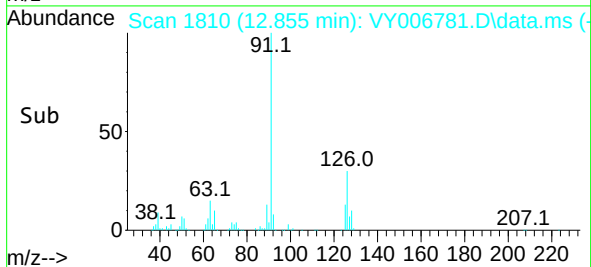
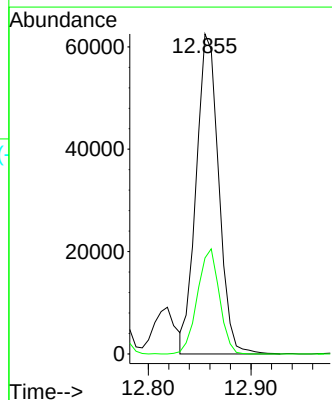
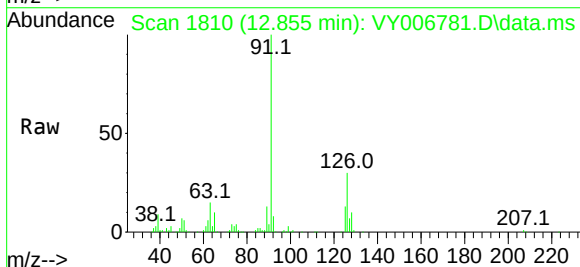
Manual Integrations
APPROVED

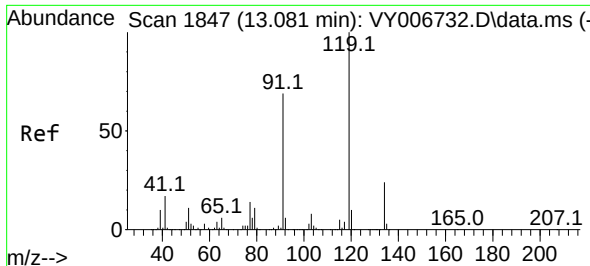
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 21.796 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

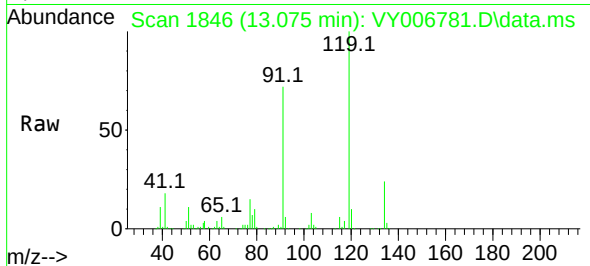
Tgt Ion: 91 Resp: 95142
Ion Ratio Lower Upper
91 100
126 32.1 16.8 50.4





#83
tert-Butylbenzene
Concen: 21.798 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

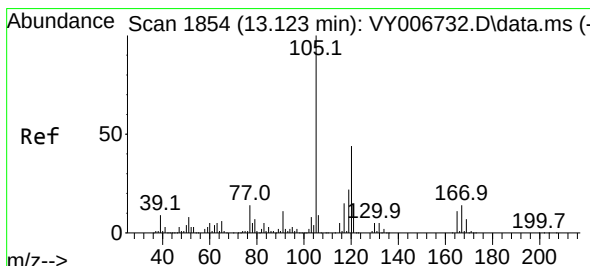
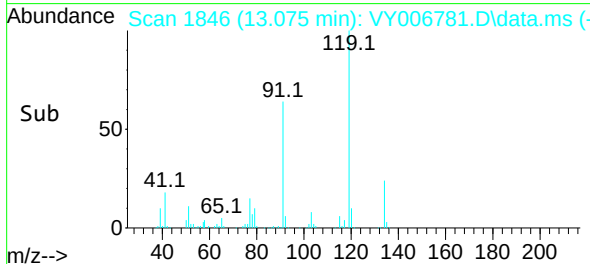
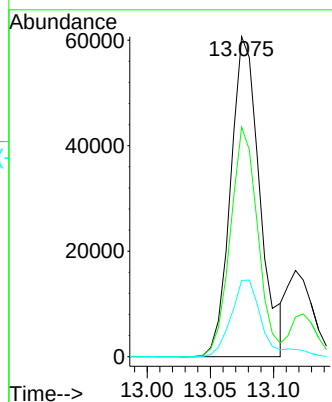
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



Tgt Ion:119 Resp: 97130
Ion Ratio Lower Upper
119 100
91 67.6 34.8 104.5
134 25.8 13.0 38.9

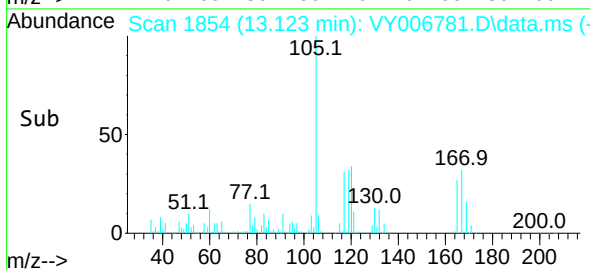
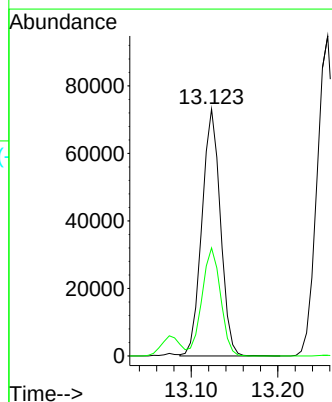
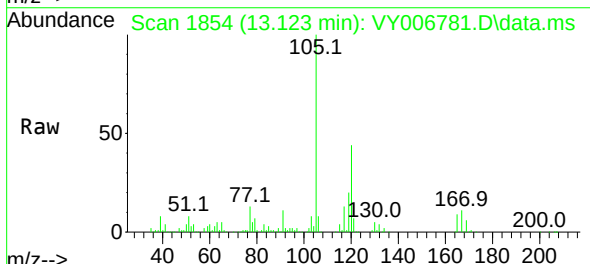
Manual Integrations
APPROVED

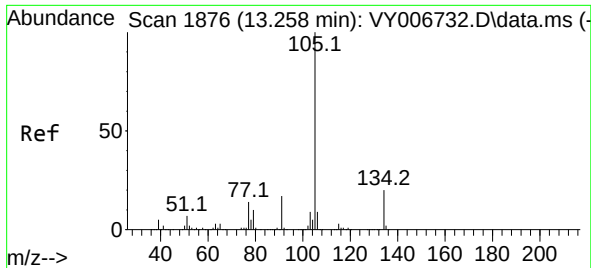
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 21.151 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Tgt Ion:105 Resp: 108339
Ion Ratio Lower Upper
105 100
120 44.1 22.6 67.8





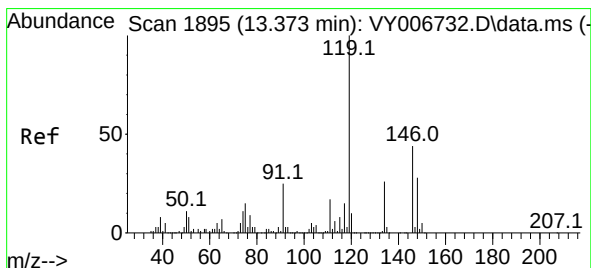
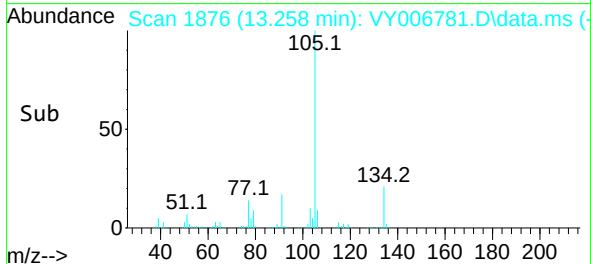
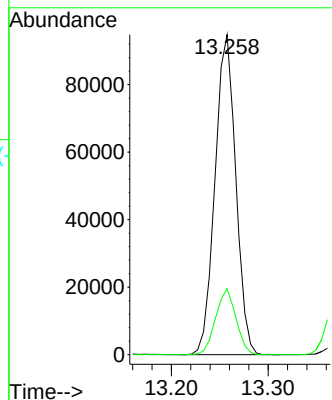
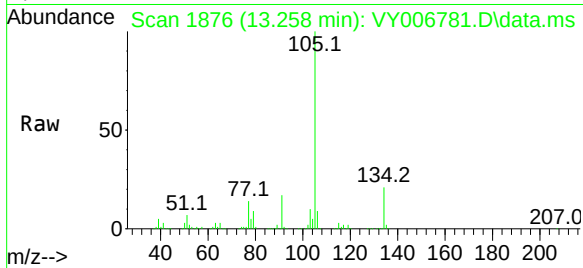
#85
 sec-Butylbenzene
 Concen: 21.269 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY006781.D
 Acq: 17 Nov 2021 12:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBSD01

Tgt Ion:105 Resp: 141133
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3

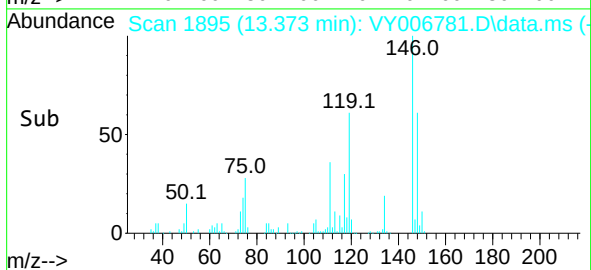
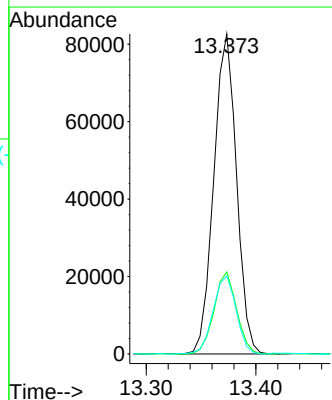
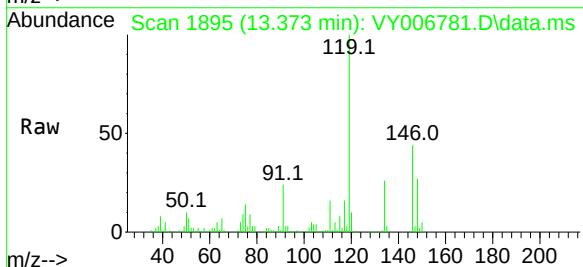
Manual Integrations
 APPROVED

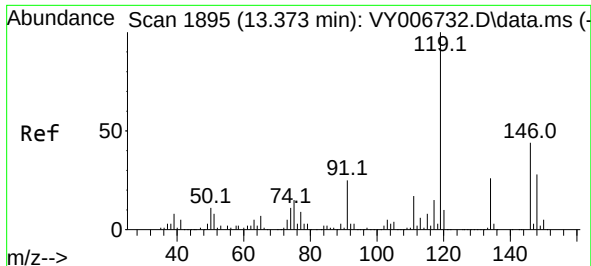
Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 21.190 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY006781.D
 Acq: 17 Nov 2021 12:22

Tgt Ion:119 Resp: 119031
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.1
 91 24.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.942 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

Instrument :

MSVOA_Y

ClientSampleId :

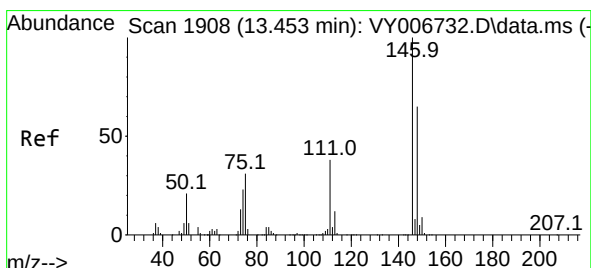
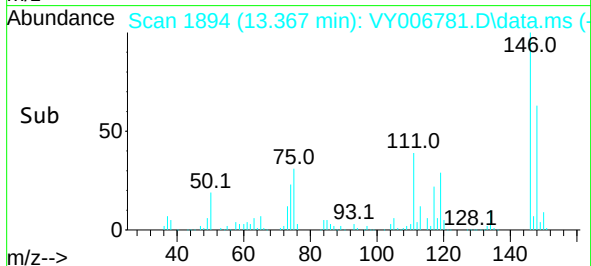
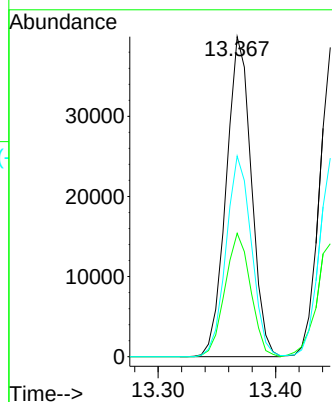
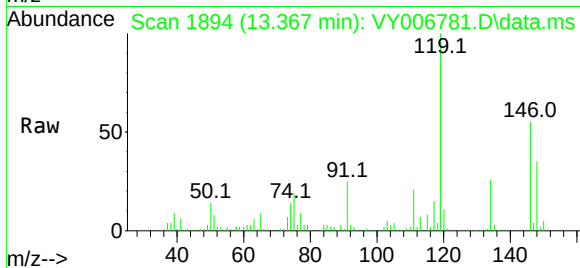
VY1117SBS01

Tgt Ion:146	Resp:	59450
Ion Ratio	Lower	Upper
146	100	
111	39.3	19.3 57.9
148	63.2	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#88

1,4-Dichlorobenzene

Concen: 20.857 ug/l

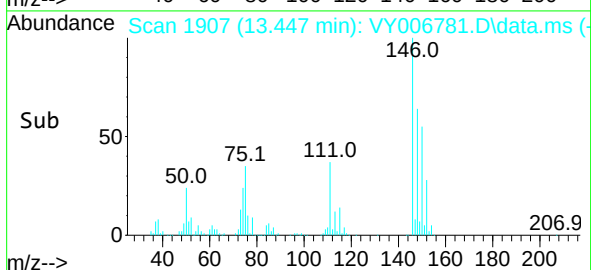
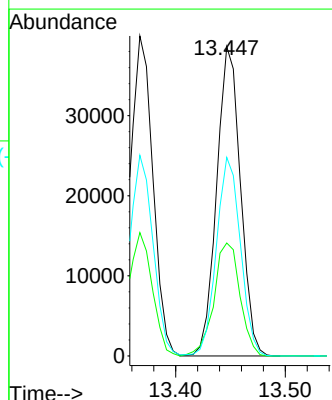
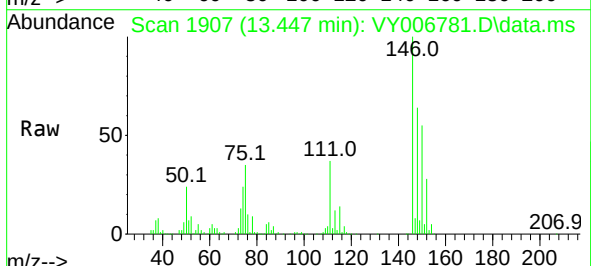
RT: 13.447 min Scan# 1907

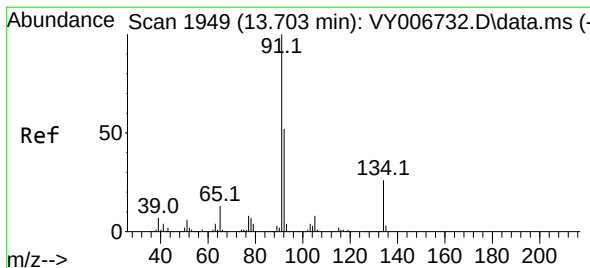
Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

Tgt Ion:146	Resp:	58434
Ion Ratio	Lower	Upper
146	100	
111	39.9	18.9 56.5
148	64.8	32.0 96.2





#89

n-Butylbenzene

Concen: 21.464 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

Instrument :

MSVOA_Y

ClientSampleId :

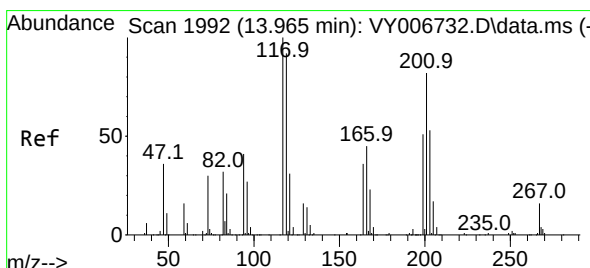
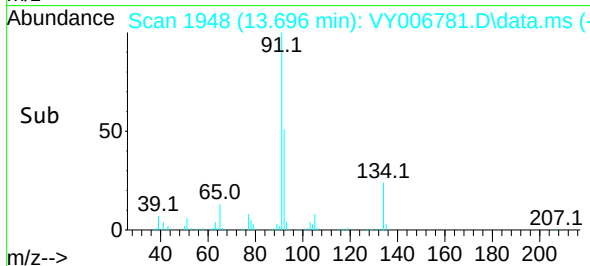
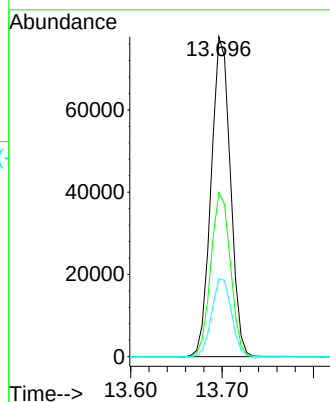
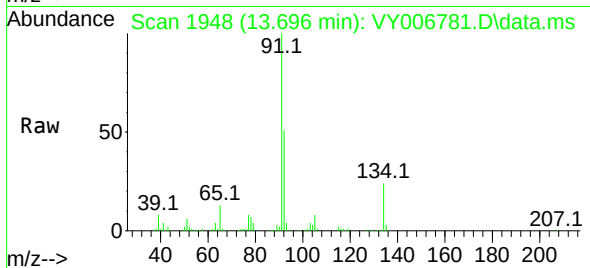
VY1117SBSD01

Tgt Ion: 91	Resp: 11377
Ion Ratio	Lower Upper
91	100
92	52.2 26.3 78.9
134	25.0 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90

Hexachloroethane

Concen: 21.197 ug/l

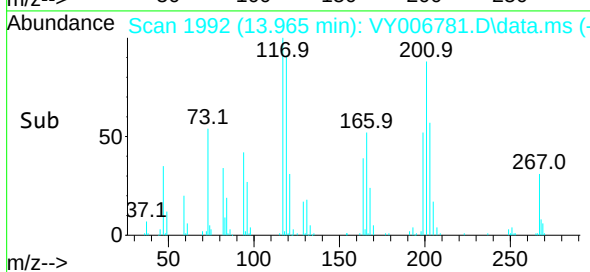
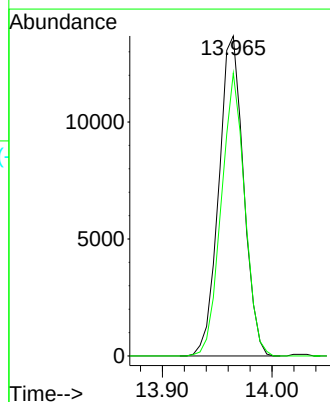
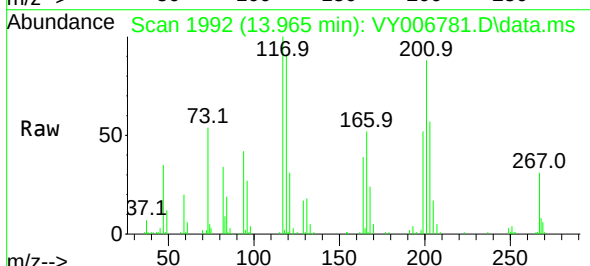
RT: 13.965 min Scan# 1992

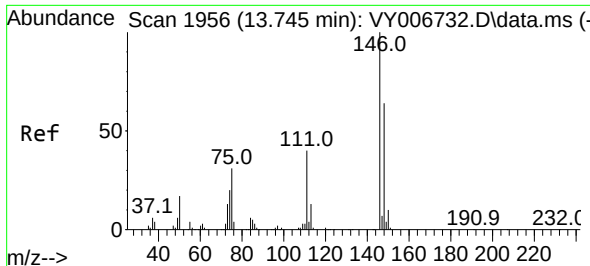
Delta R.T. -0.000 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

Tgt Ion:117	Resp: 21459
Ion Ratio	Lower Upper
117	100
201	83.7 43.4 130.1





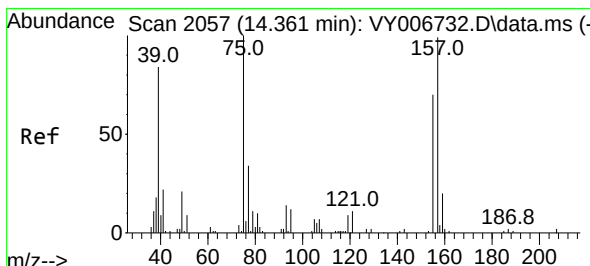
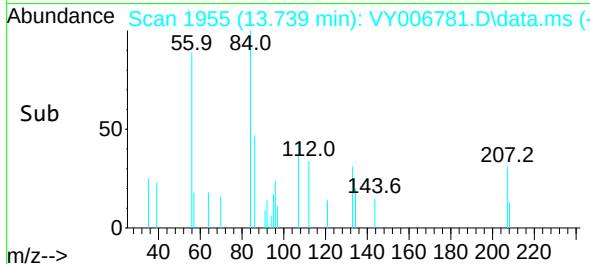
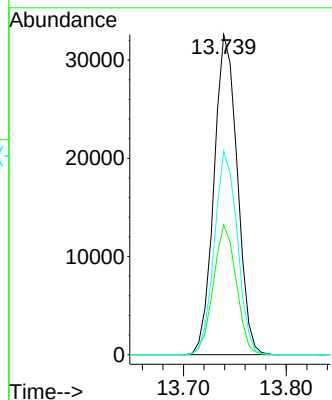
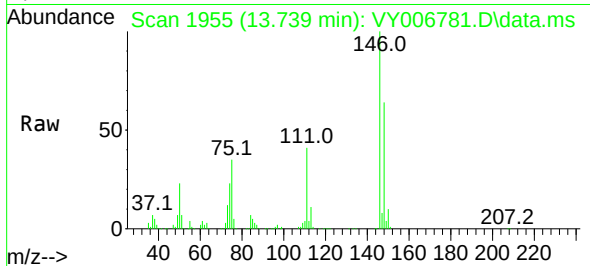
#91
1,2-Dichlorobenzene
Concen: 20.944 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBS01

Tgt Ion:146 Resp: 51244
Ion Ratio Lower Upper
146 100
111 39.9 20.1 60.3
148 62.9 31.9 95.7

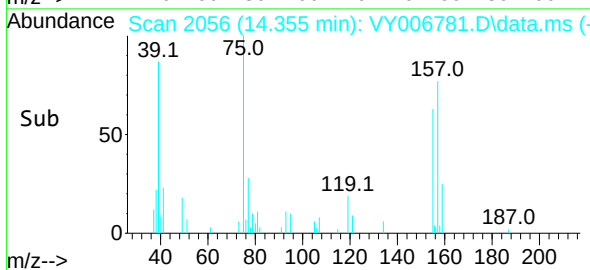
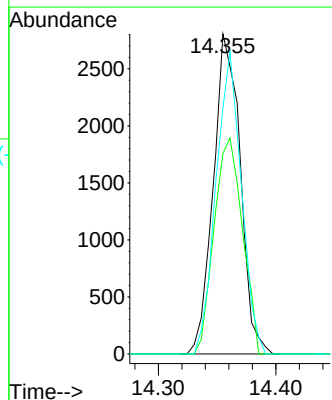
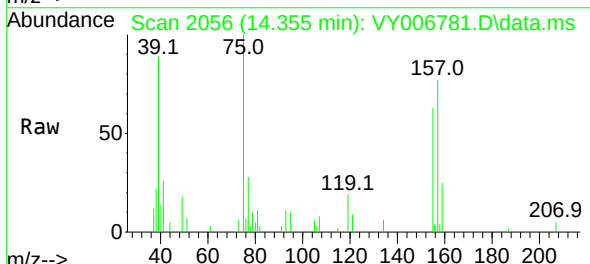
Manual Integrations
APPROVED

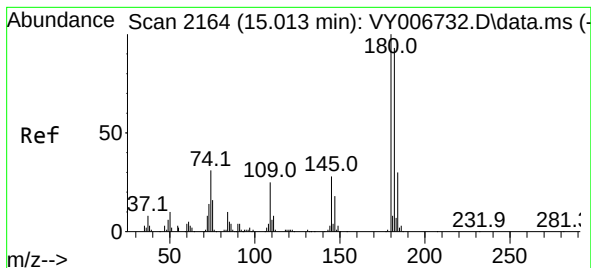
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.766 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

Tgt Ion: 75 Resp: 4456
Ion Ratio Lower Upper
75 100
155 71.1 39.0 116.9
157 88.9 49.2 147.6





#93

1,2,4-Trichlorobenzene

Concen: 20.304 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY006781.D

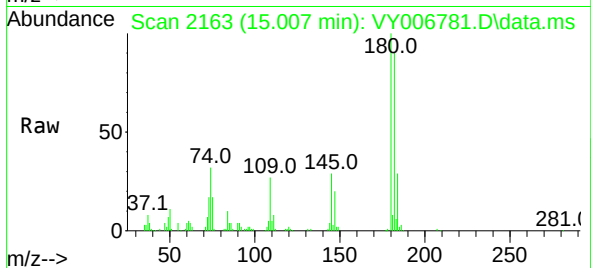
Acq: 17 Nov 2021 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBS01



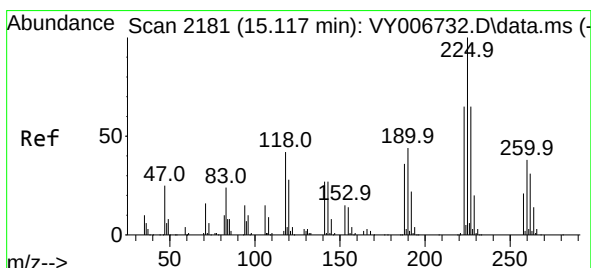
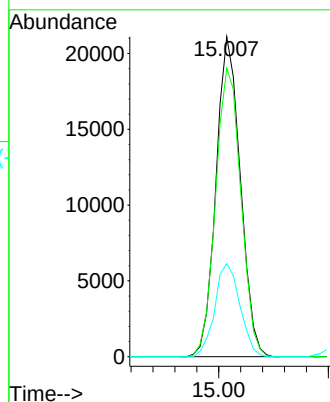
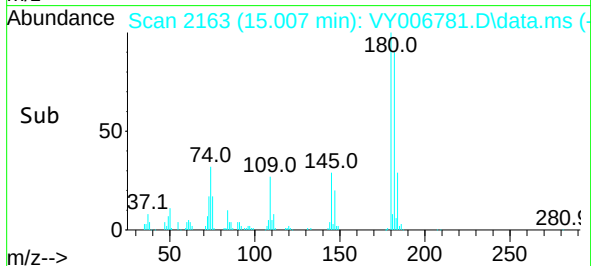
Tgt Ion:	180	Resp:	32500
Ion Ratio	100	Lower	Upper
180	100		
182	93.8	47.1	141.4
145	30.0	14.5	43.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#94

Hexachlorobutadiene

Concen: 20.872 ug/l

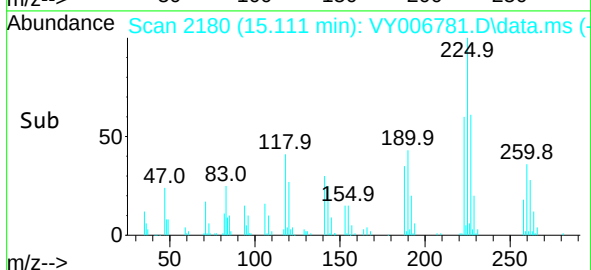
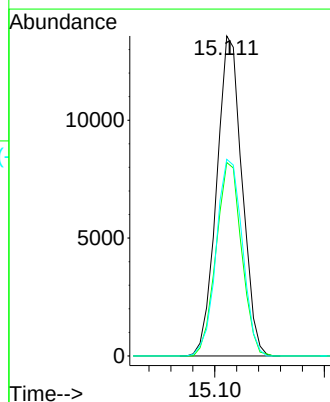
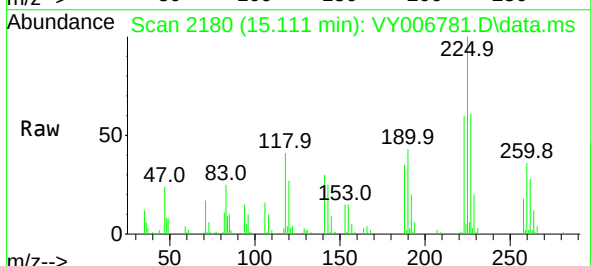
RT: 15.111 min Scan# 2180

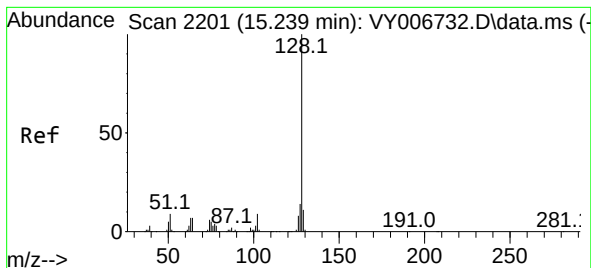
Delta R.T. -0.006 min

Lab File: VY006781.D

Acq: 17 Nov 2021 12:22

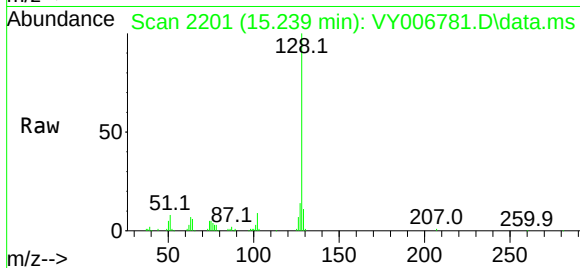
Tgt Ion:	225	Resp:	21799
Ion Ratio	100	Lower	Upper
225	100		
223	60.7	31.6	94.7
227	63.3	31.9	95.9





#95
Naphthalene
Concen: 20.117 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22

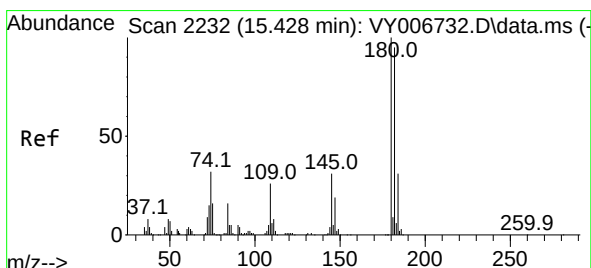
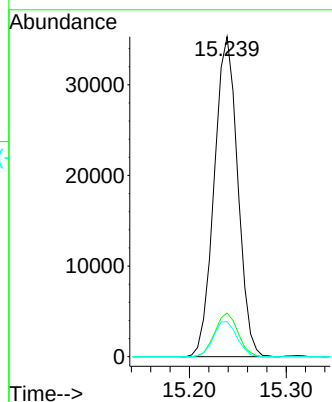
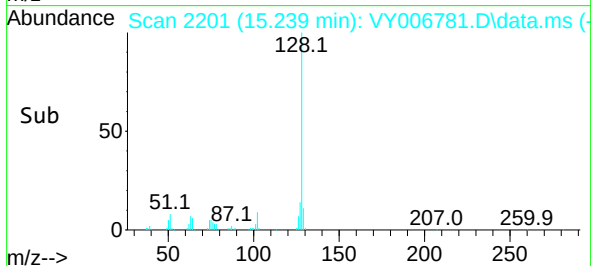
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBSD01



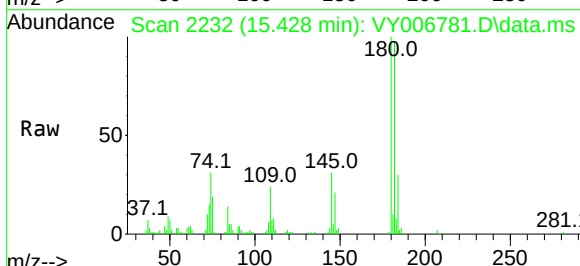
Tgt Ion:128 Resp: 59568
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 20.424 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY006781.D
Acq: 17 Nov 2021 12:22



Tgt Ion:180 Resp: 27243
Ion Ratio Lower Upper
180 100
182 97.7 47.8 143.4
145 30.6 15.3 45.8

