

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006433.D
 Acq On : 22 Oct 2021 12:07
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Oct 23 06:34:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:31:41 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	132775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	195457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15507	9.491	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	18.980%#		
35) Dibromofluoromethane	7.722	113	11243	9.669	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.340%#		
50) Toluene-d8	10.179	98	46393	9.412	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	18.820%#		
62) 4-Bromofluorobenzene	12.483	95	15980	9.624	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.240%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	12018	9.792	ug/l	99
3) Chloromethane	2.119	50	16090	9.712	ug/l	99
4) Vinyl Chloride	2.253	62	18237	9.857	ug/l	96
5) Bromomethane	2.650	94	13687	11.104	ug/l	97
6) Chloroethane	2.802	64	11551	10.573	ug/l	99
7) Trichlorofluoromethane	3.137	101	24129	10.271	ug/l	90
8) Diethyl Ether	3.534	74	7648	9.940	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	12192	10.193	ug/l	99
10) Methyl Iodide	4.101	142	9265	8.173	ug/l	98
11) Tert butyl alcohol	4.954	59	7629	51.397	ug/l #	90
12) 1,1-Dichloroethene	3.881	96	12226	10.199	ug/l	99
13) Acrolein	3.735	56	5436	52.975	ug/l	91
14) Allyl chloride	4.491	41	25175	10.204	ug/l	99
15) Acrylonitrile	5.174	53	21920	50.591	ug/l	99
16) Acetone	3.960	43	22166	47.115	ug/l	92
17) Carbon Disulfide	4.204	76	38788	9.865	ug/l	99
18) Methyl Acetate	4.485	43	14454	9.474	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	38052	9.901	ug/l	98
20) Methylene Chloride	4.729	84	20261	11.567	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	13718	10.091	ug/l	93
22) Diisopropyl ether	6.125	45	50861	10.344	ug/l	98
23) Vinyl Acetate	6.070	43	148909	49.791	ug/l	100
24) 1,1-Dichloroethane	6.027	63	27017	10.508	ug/l	99
25) 2-Butanone	6.996	43	29710	48.202	ug/l	93
26) 2,2-Dichloropropane	6.984	77	24944	10.200	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	15648	10.083	ug/l	97
28) Bromochloromethane	7.338	49	11246	10.781	ug/l	99
29) Tetrahydrofuran	7.350	42	18374	48.590	ug/l	100
30) Chloroform	7.515	83	27674	10.422	ug/l	98
31) Cyclohexane	7.789	56	27464	10.383	ug/l #	92
32) 1,1,1-Trichloroethane	7.710	97	25010	10.201	ug/l	99
36) 1,1-Dichloropropene	7.923	75	20690	10.037	ug/l	98
37) Ethyl Acetate	7.082	43	12446	9.541	ug/l	97
38) Carbon Tetrachloride	7.905	117	23290	10.242	ug/l	97
39) Methylcyclohexane	9.185	83	24028	9.576	ug/l	95
40) Benzene	8.167	78	58320	9.920	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	6530m	9.461	ug/l	
42) 1,2-Dichloroethane	8.246	62	21249	10.121	ug/l	99
43) Isopropyl Acetate	8.277	43	24854	9.821	ug/l	100
44) Trichloroethene	8.941	130	15299	10.090	ug/l	93
45) 1,2-Dichloropropane	9.222	63	14753	10.131	ug/l	99
46) Dibromomethane	9.307	93	8074	10.101	ug/l	95
47) Bromodichloromethane	9.496	83	20875	10.039	ug/l	98
48) Methyl methacrylate	9.295	41	11314	9.646	ug/l	96
49) 1,4-Dioxane	9.295	88	2196	202.358	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	64352	48.509	ug/l	98
52) Toluene	10.246	92	36766	9.967	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	21933	9.791	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	24328	10.024	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	10928	9.888	ug/l	96
56) Ethyl methacrylate	10.514	69	16427	9.621	ug/l	99
57) 1,3-Dichloropropane	10.788	76	20135	10.024	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	37813	48.546	ug/l	98
59) 2-Hexanone	10.831	43	44887	46.751	ug/l	100
60) Dibromochloromethane	10.983	129	13662	10.022	ug/l	99
61) 1,2-Dibromoethane	11.093	107	10086	9.693	ug/l	99
64) Tetrachloroethene	10.721	164	17311	10.129	ug/l	97
65) Chlorobenzene	11.520	112	37849	9.950	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	14015	9.787	ug/l	96
67) Ethyl Benzene	11.593	91	70376	9.716	ug/l	99
68) m/p-Xylenes	11.703	106	53103	19.488	ug/l	100
69) o-Xylene	12.032	106	25139	9.669	ug/l	99
70) Styrene	12.044	104	43250	9.729	ug/l	100
71) Bromoform	12.209	173	9032	9.978	ug/l #	97
73) Isopropylbenzene	12.331	105	67185	9.721	ug/l	100
74) N-amyl acetate	12.142	43	21105	9.206	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	11566	9.667	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	10405m	19.152	ug/l	
77) Bromobenzene	12.611	156	16066	9.867	ug/l	98
78) n-propylbenzene	12.672	91	83841	9.816	ug/l	100
79) 2-Chlorotoluene	12.758	91	46419	9.817	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	56341	9.736	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	4566	9.207	ug/l	93
82) 4-Chlorotoluene	12.855	91	49406	10.028	ug/l	99
83) tert-Butylbenzene	13.075	119	49272	9.908	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	55782	9.641	ug/l	99
85) sec-Butylbenzene	13.251	105	74297	9.950	ug/l	99
86) p-Isopropyltoluene	13.367	119	62112	9.751	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	32244	9.867	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	31642	9.848	ug/l	94
89) n-Butylbenzene	13.696	91	58322	9.733	ug/l	100
90) Hexachloroethane	13.959	117	11413	9.920	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	28669	10.002	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2281	8.980	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	18297	9.669	ug/l	99
94) Hexachlorobutadiene	15.111	225	11852	9.773	ug/l	98
95) Naphthalene	15.239	128	33965	9.170	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	15565	9.393	ug/l	96

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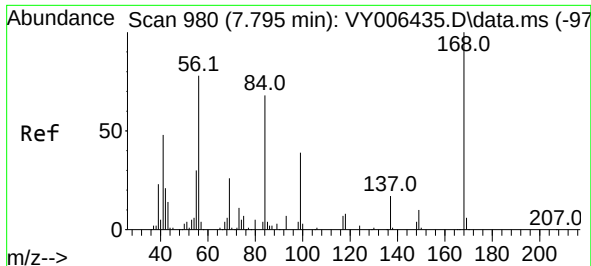
Manual Integrations
APPROVED

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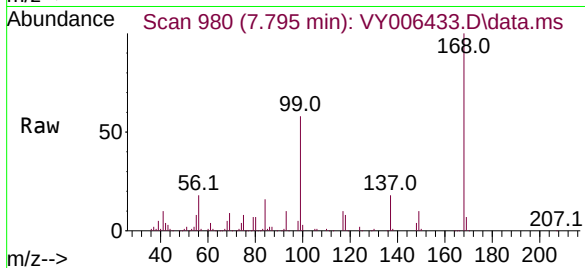
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006433.D
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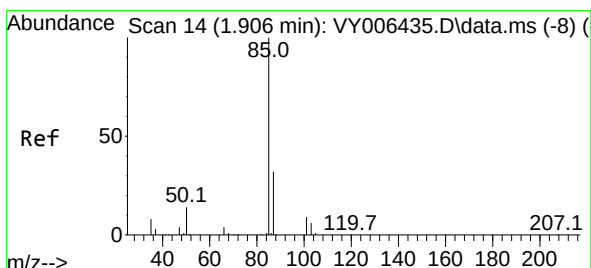
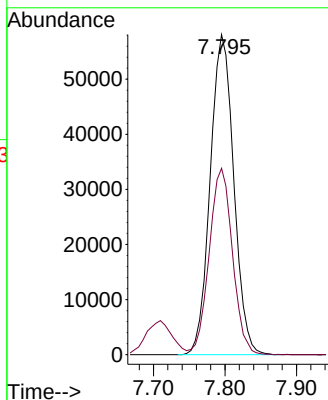
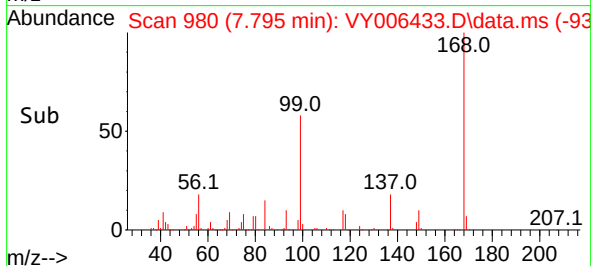
Instrument :
MSVOA_Y
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Tgt Ion: 168 Resp: 132775
Ion Ratio Lower Upper
168 100
99 58.2 44.8 67.2

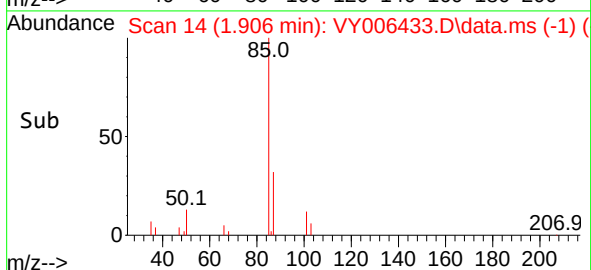
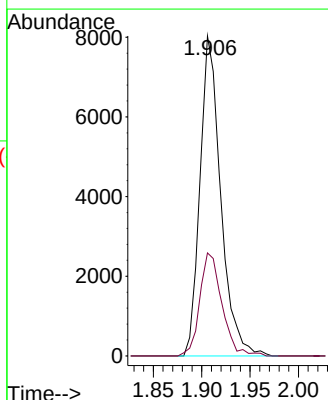
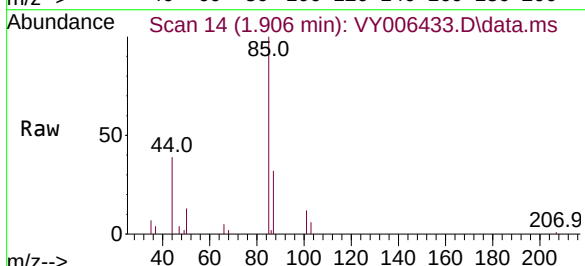
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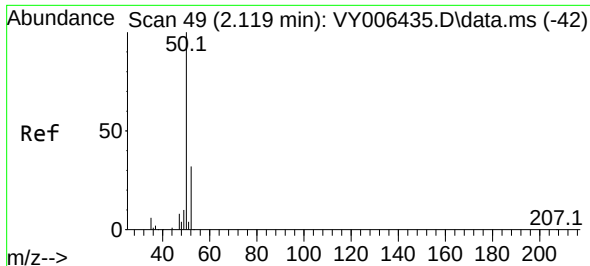
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#2
Dichlorodifluoromethane
Concen: 9.792 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

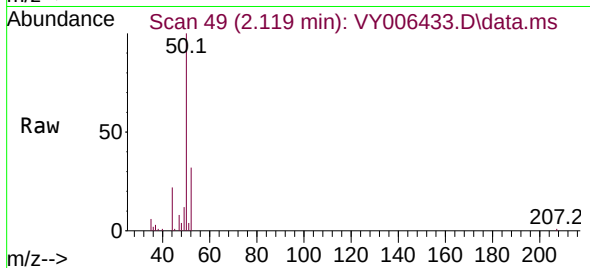
Tgt Ion: 85 Resp: 12018
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.3





#3
Chloromethane
Concen: 9.712 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

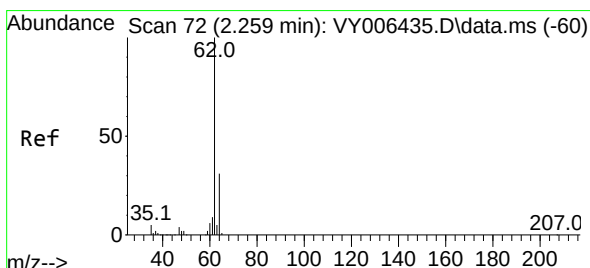
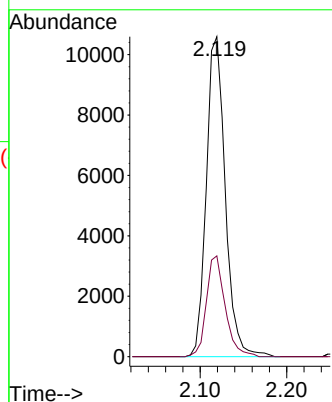
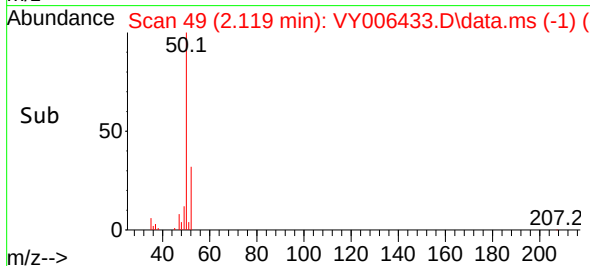
Instrument :
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Tgt Ion: 50 Resp: 16090
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.2

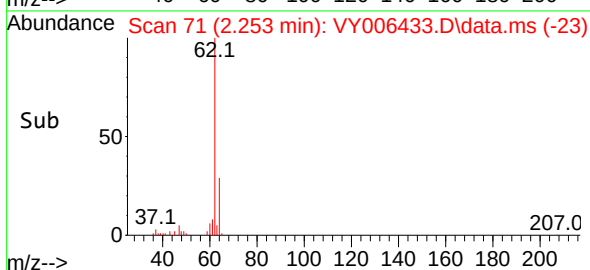
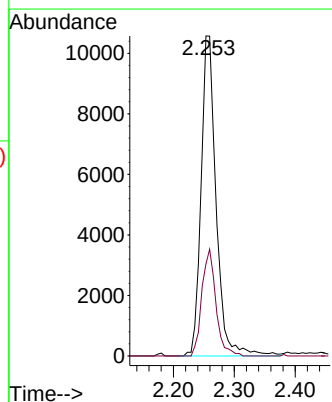
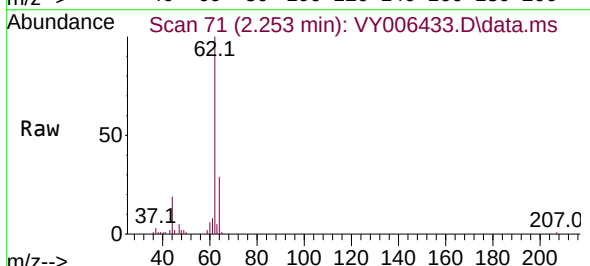
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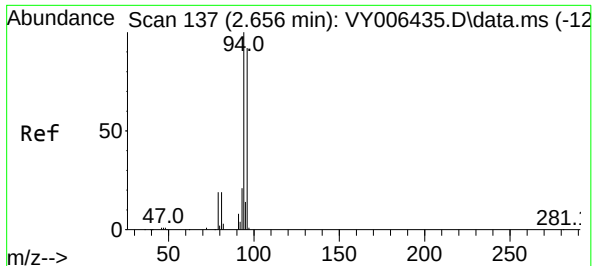
Reviewed By :Vimala Arumugam 10/25/2021
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#4
Vinyl Chloride
Concen: 9.857 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

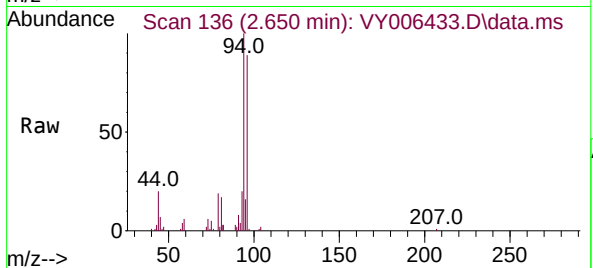
Tgt Ion: 62 Resp: 18237
Ion Ratio Lower Upper
62 100
64 28.8 24.7 37.1





#5
Bromomethane
Concen: 11.104 ug/l
RT: 2.650 min Scan# 136
Delta R.T. -0.006 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

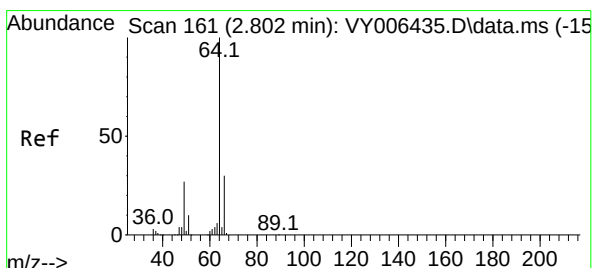
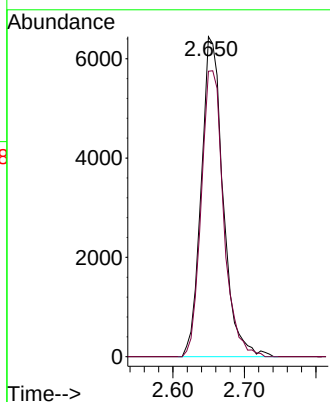
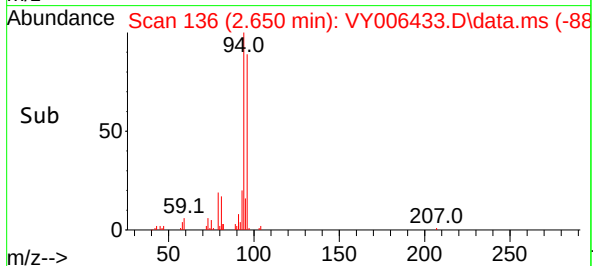
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Tgt Ion: 94 Resp: 1368
Ion Ratio Lower Upper
94 100
96 89.2 73.5 110.3

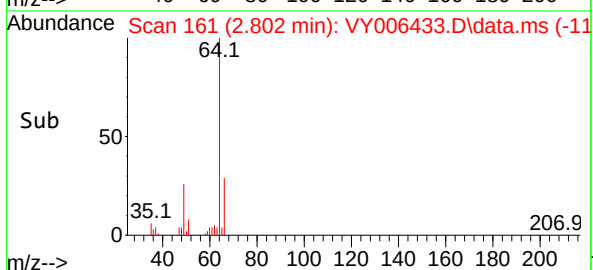
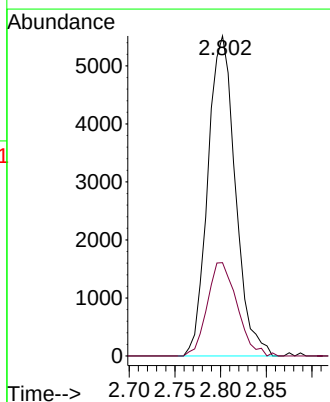
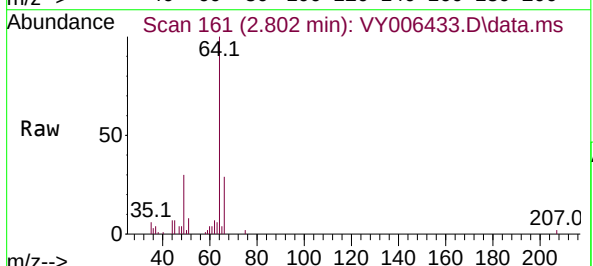
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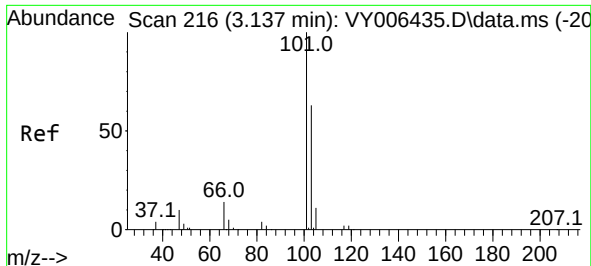
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#6
Chloroethane
Concen: 10.573 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

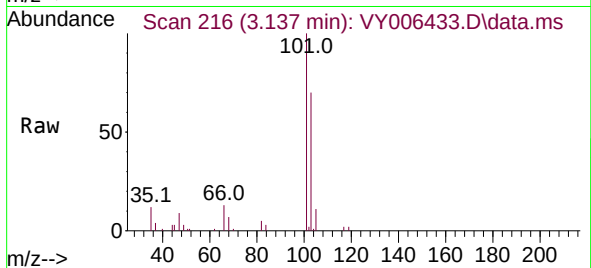
Tgt Ion: 64 Resp: 11551
Ion Ratio Lower Upper
64 100
66 29.2 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 10.271 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY006433.D
 Acq: 22 Oct 2021 12:07

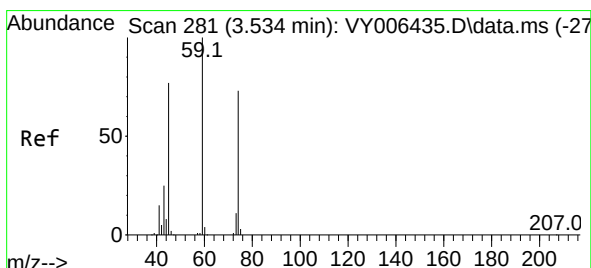
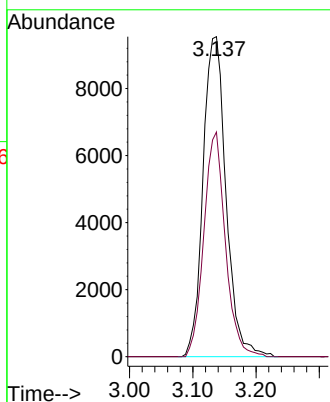
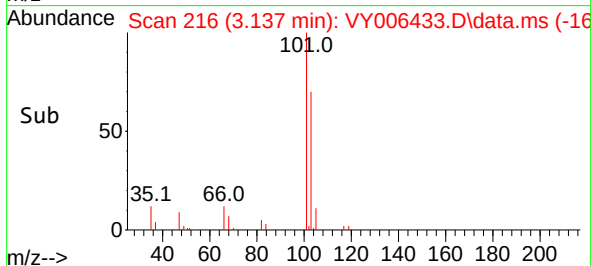
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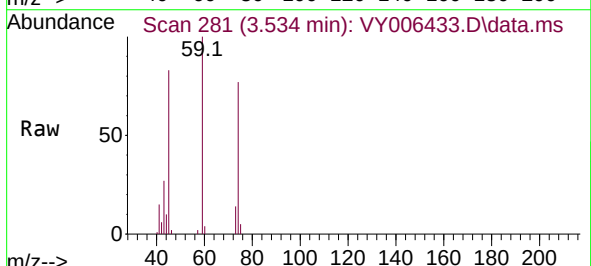
Tgt Ion:101 Resp: 24129
 Ion Ratio Lower Upper
 101 100
 103 70.2 50.2 75.2

Manual Integrations
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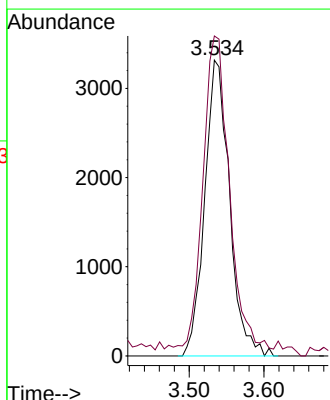
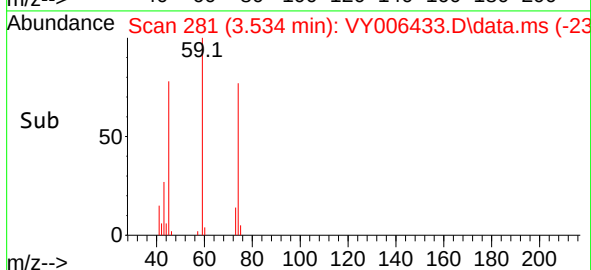
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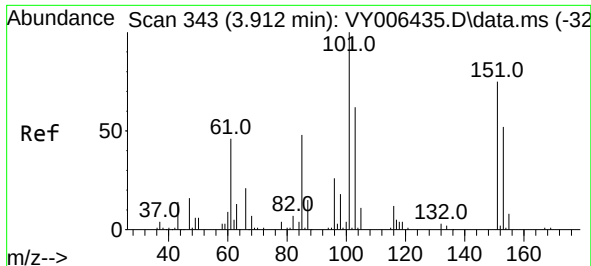


#8
 Diethyl Ether
 Concen: 9.940 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY006433.D
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Tgt Ion: 74 Resp: 7648
 Ion Ratio Lower Upper
 74 100
 45 113.0 52.8 158.3





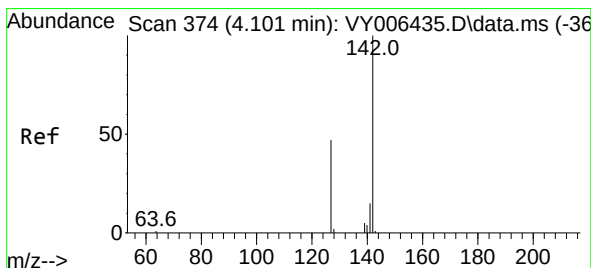
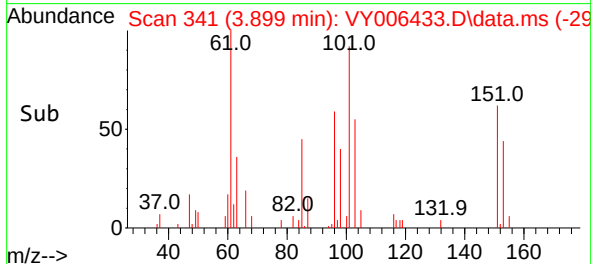
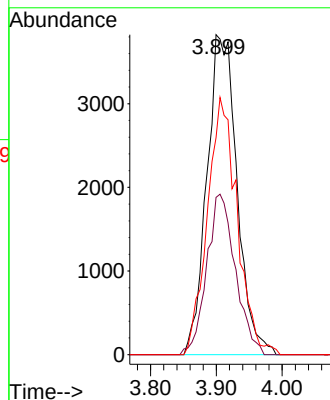
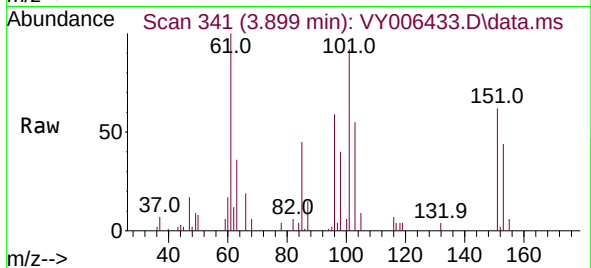
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.193 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

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VSTDIC010

Tgt Ion:101 Resp: 1219
Ion Ratio Lower Upper
101 100
85 47.6 38.6 57.8
151 79.6 64.0 96.0

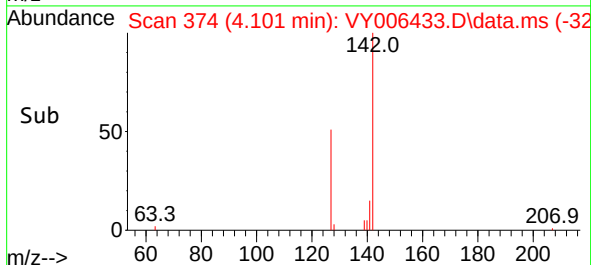
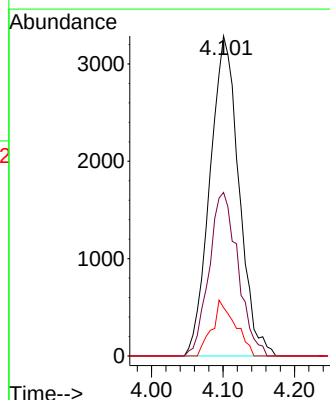
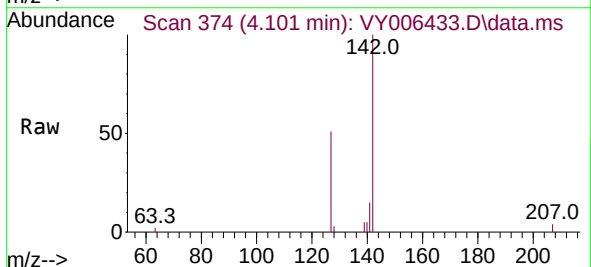
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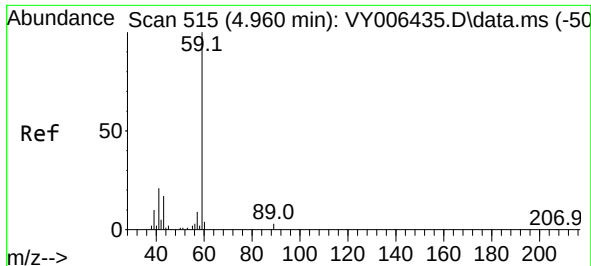
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#10
Methyl Iodide
Concen: 8.173 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Tgt Ion:142 Resp: 9265
Ion Ratio Lower Upper
142 100
127 50.9 40.1 60.1
141 14.0 12.5 18.7





#11

Tert butyl alcohol

Concen: 51.397 ug/l

RT: 4.954 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Instrument :

MSVOA_Y

ClientSampleId :

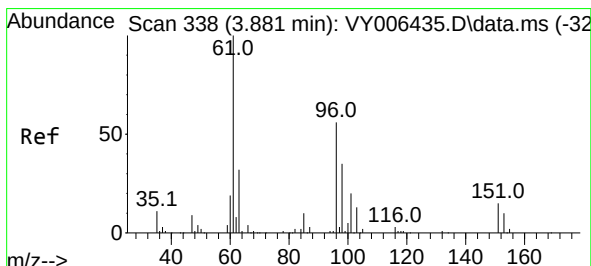
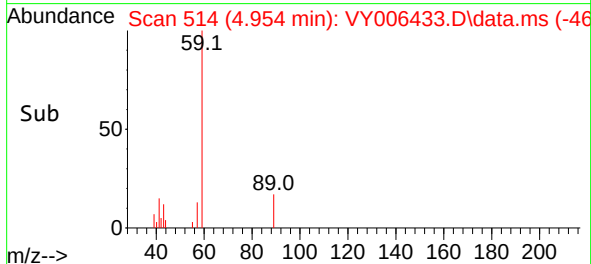
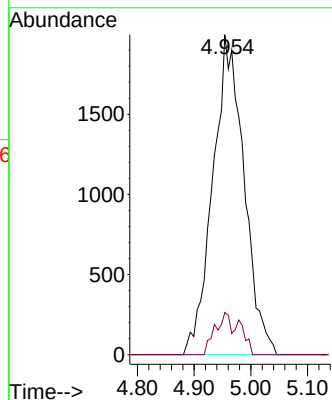
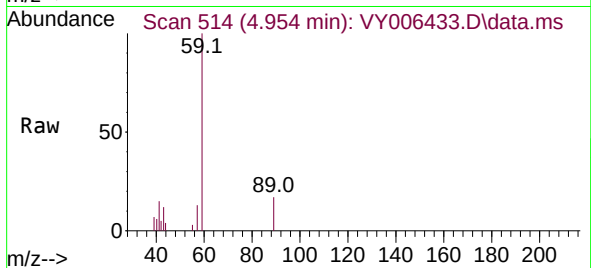
VSTDICC010

Tgt Ion: 59 Resp: 7629
 Ion Ratio Lower Upper
 59 100
 57 6.6 8.2 12.4

Manual Integrations

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Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#12

1,1-Dichloroethene

Concen: 10.199 ug/l

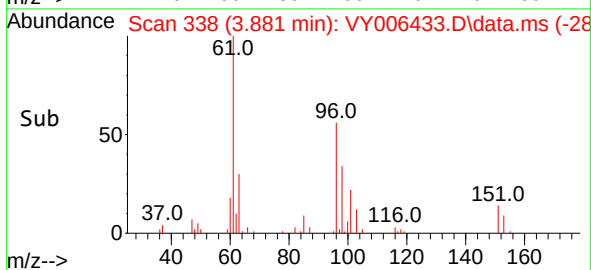
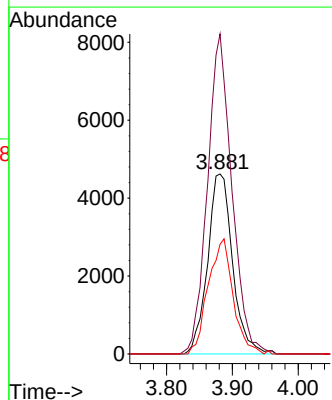
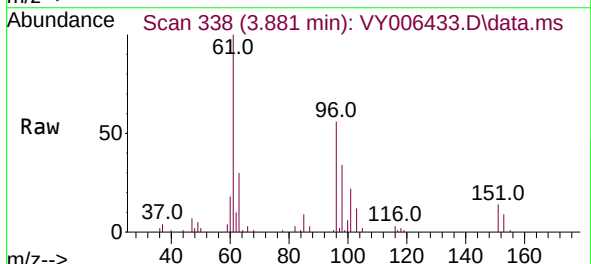
RT: 3.881 min Scan# 338

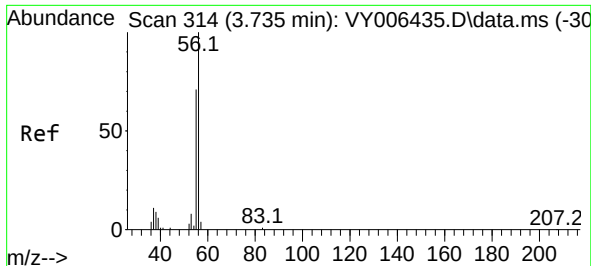
Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

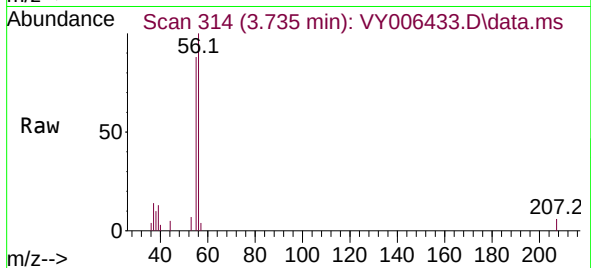
Tgt Ion: 96 Resp: 12226
 Ion Ratio Lower Upper
 96 100
 61 177.8 143.0 214.6
 98 61.0 50.5 75.7





#13
Acrolein
Concen: 52.975 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

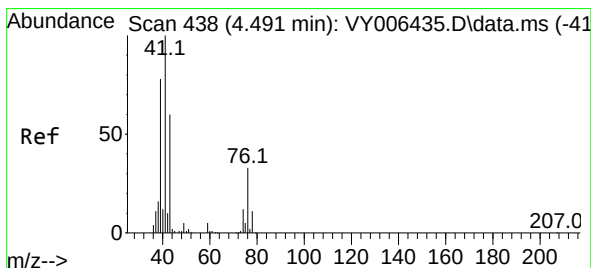
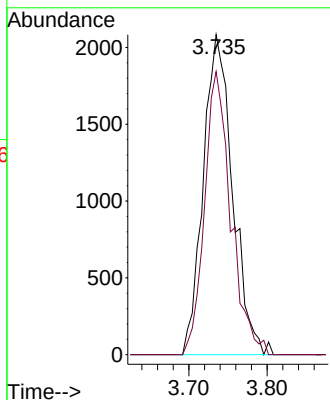
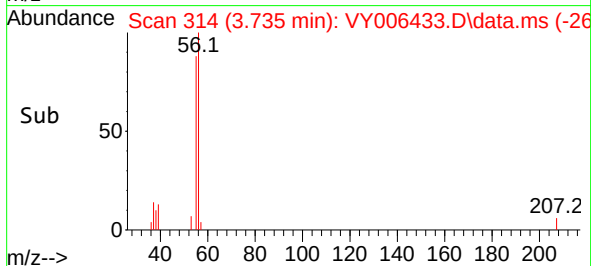
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 56 Resp: 5436
Ion Ratio Lower Upper
56 100
55 78.9 57.1 85.7

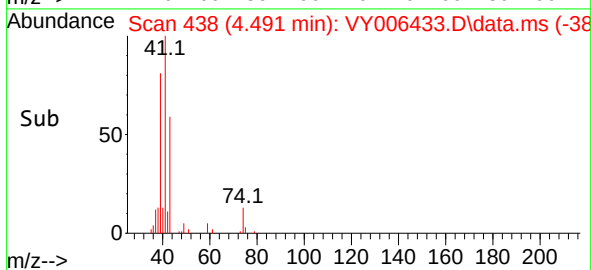
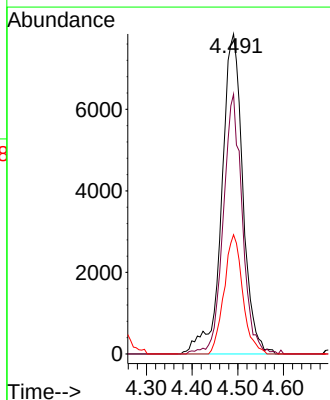
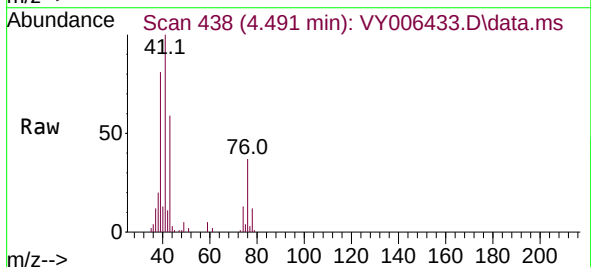
Manual Integrations
APPROVED

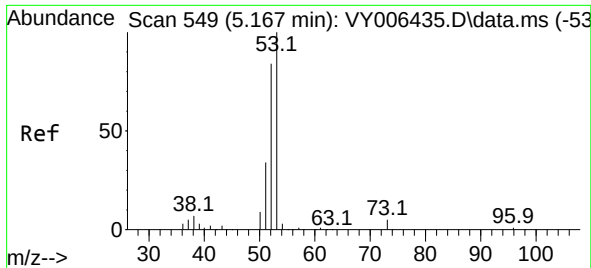
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#14
Allyl chloride
Concen: 10.204 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

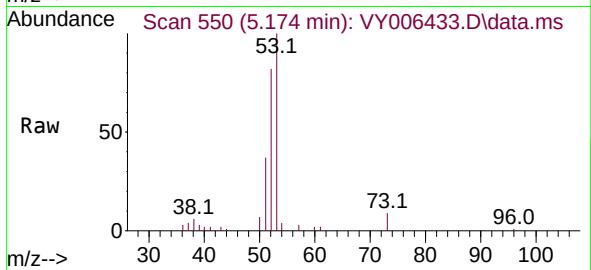
Tgt Ion: 41 Resp: 25175
Ion Ratio Lower Upper
41 100
39 73.2 58.8 88.2
76 32.8 25.0 37.4





#15
Acrylonitrile
Concen: 50.591 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

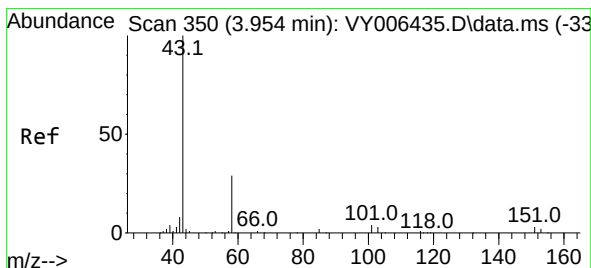
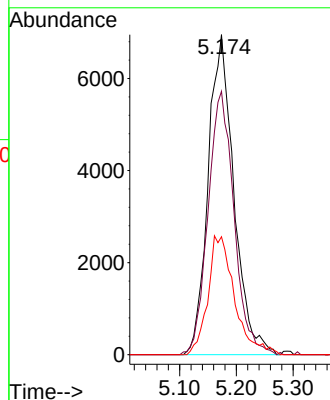
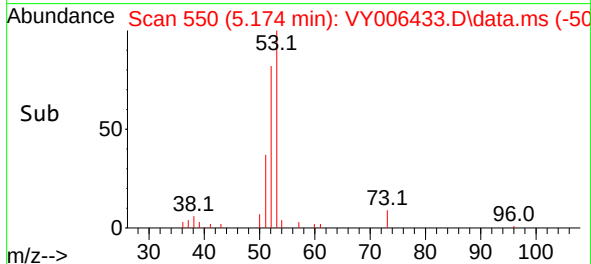
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 21920
Ion Ratio Lower Upper
53 100
52 83.1 67.1 100.7
51 38.4 30.0 45.0

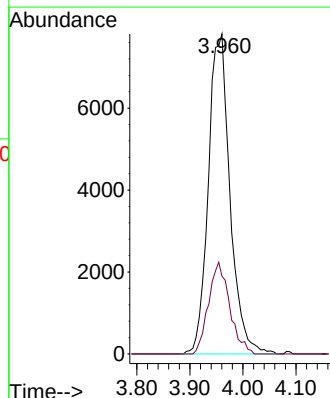
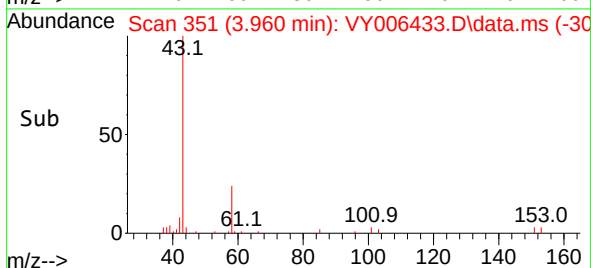
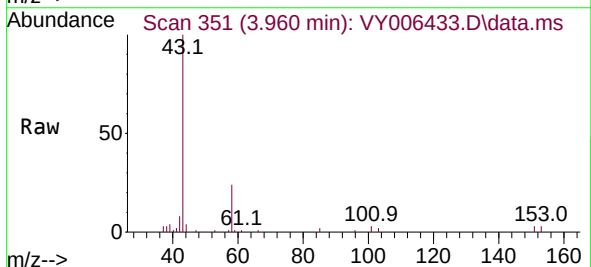
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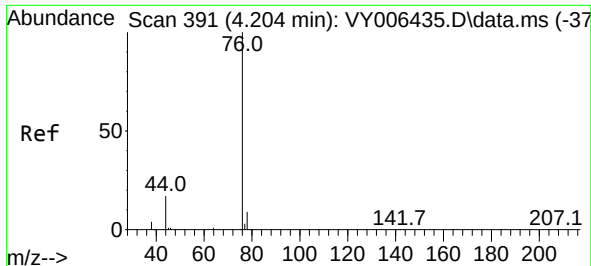
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#16
Acetone
Concen: 47.115 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

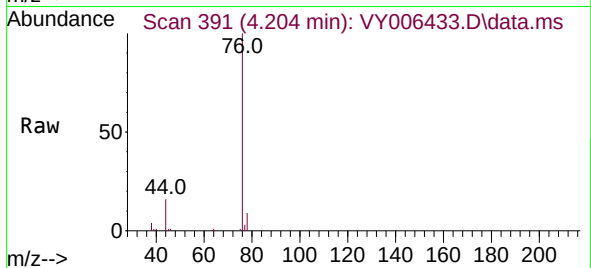
Tgt Ion: 43 Resp: 22166
Ion Ratio Lower Upper
43 100
58 24.3 22.9 34.3





#17
Carbon Disulfide
Concen: 9.865 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

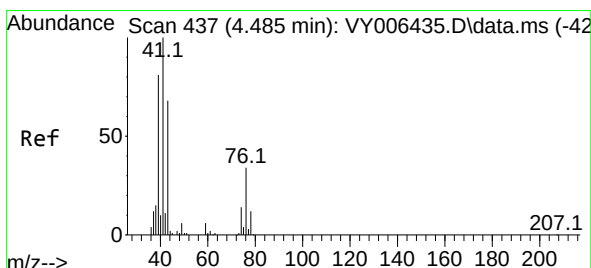
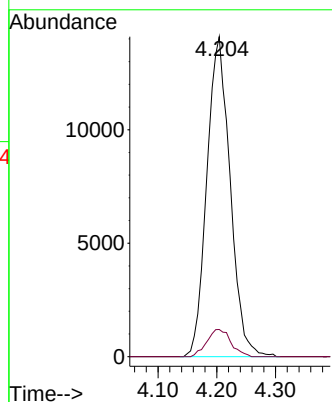
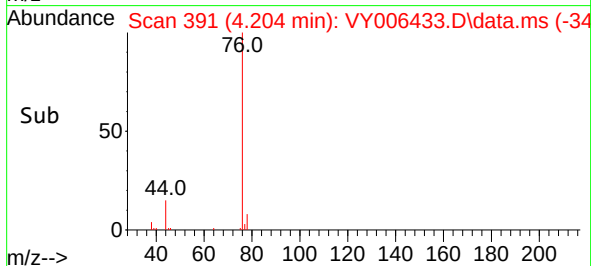
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



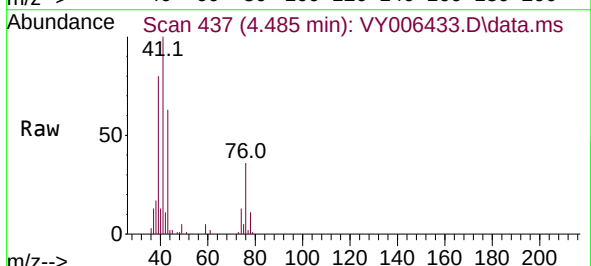
Tgt Ion: 76 Resp: 3878
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

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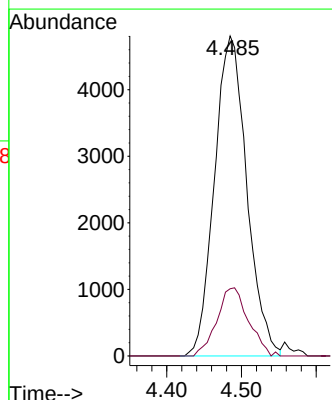
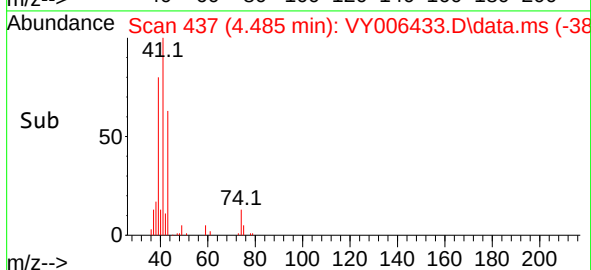
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

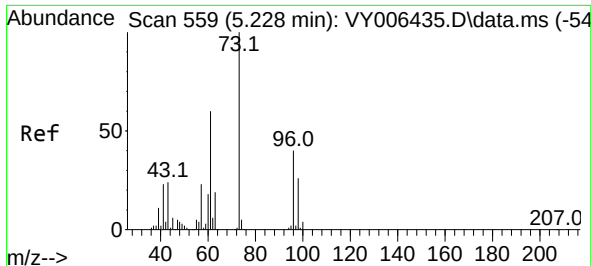


#18
Methyl Acetate
Concen: 9.474 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07



Tgt Ion: 43 Resp: 14454
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0





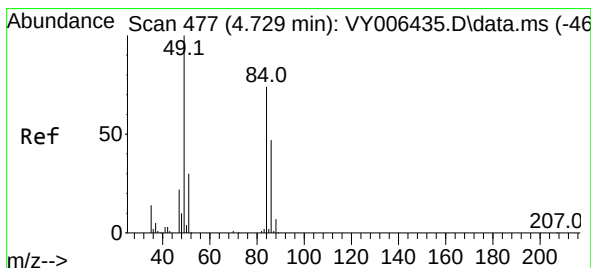
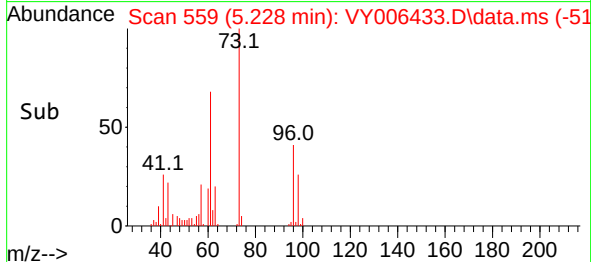
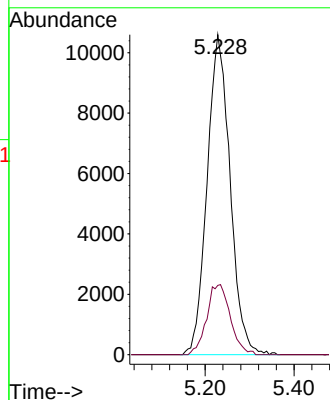
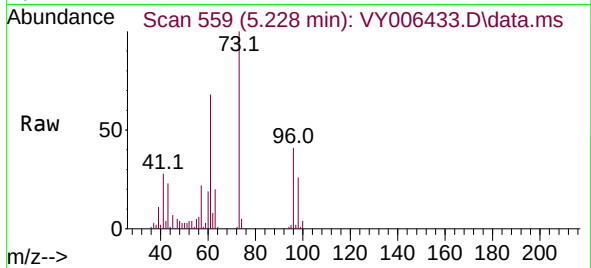
#19
Methyl tert-butyl Ether
Concen: 9.901 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 38052
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.2

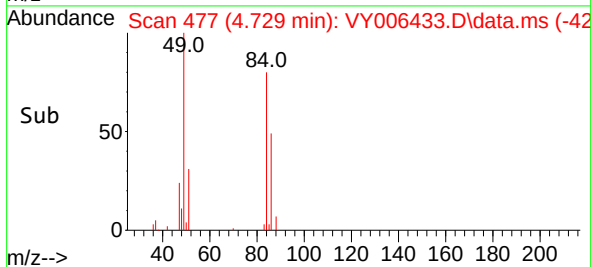
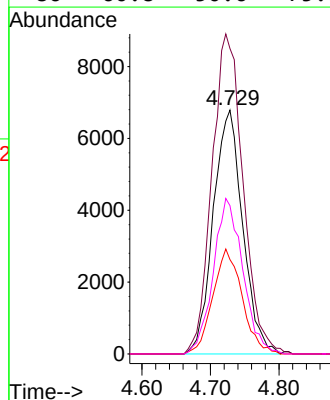
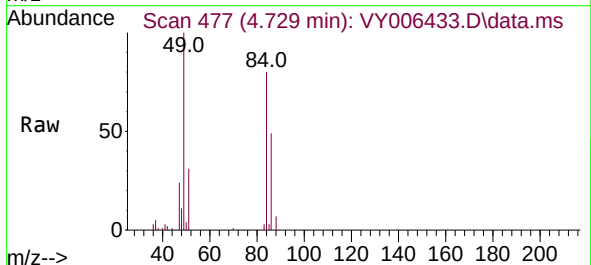
Manual Integrations
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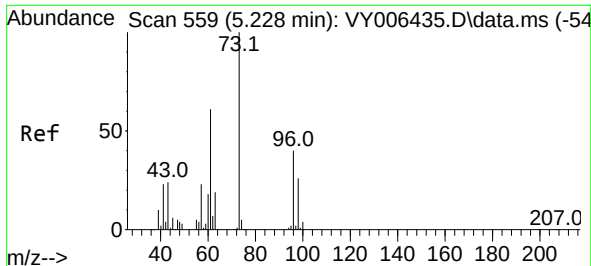
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#20
Methylene Chloride
Concen: 11.567 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

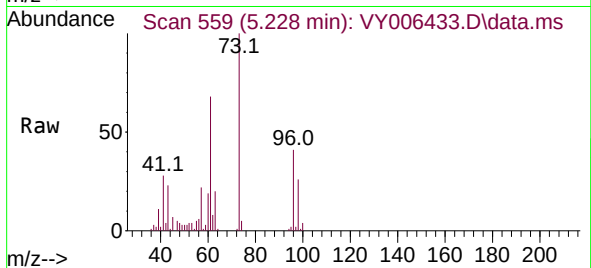
Tgt Ion: 84 Resp: 20261
Ion Ratio Lower Upper
84 100
49 125.3 107.8 161.8
51 38.7 32.8 49.2
86 60.8 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 10.091 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

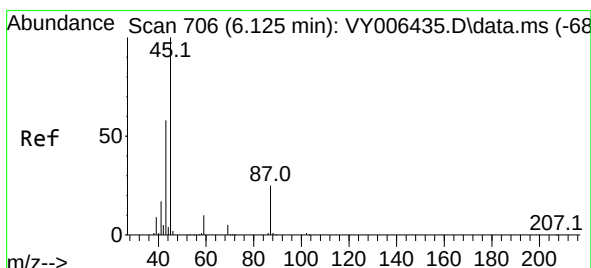
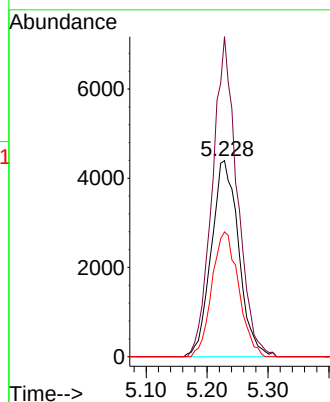
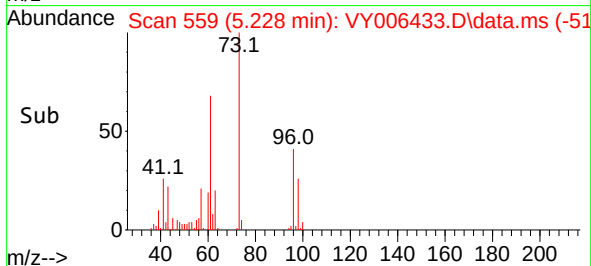
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 13718
Ion Ratio Lower Upper
96 100
61 163.2 120.6 181.0
98 63.6 51.3 76.9

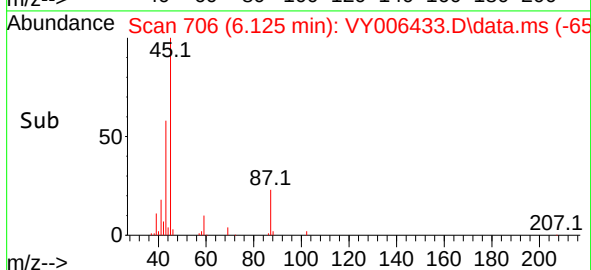
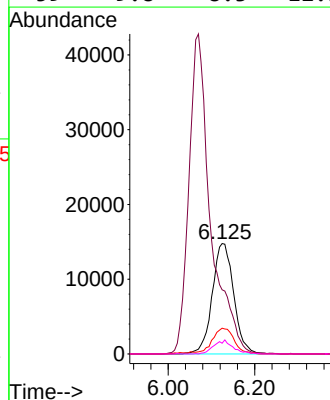
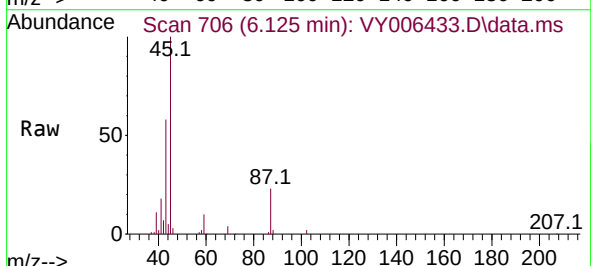
Manual Integrations
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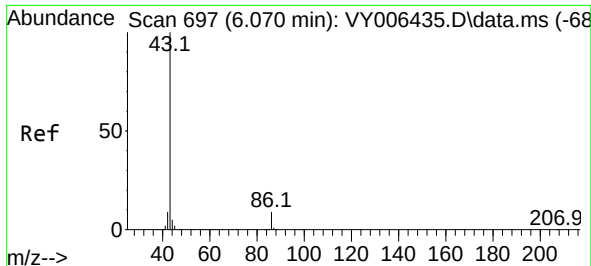
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#22
Diisopropyl ether
Concen: 10.344 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

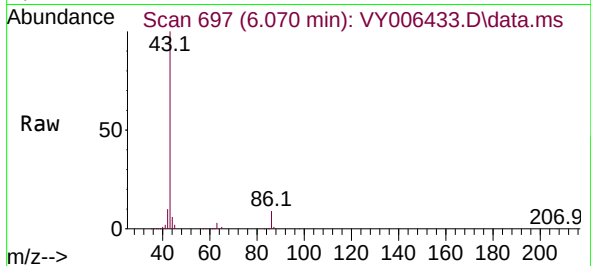
Tgt Ion: 45 Resp: 50861
Ion Ratio Lower Upper
45 100
43 58.2 47.7 71.5
87 23.3 20.1 30.1
59 9.8 8.3 12.5





#23
 Vinyl Acetate
 Concen: 49.791 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY006433.D
 Acq: 22 Oct 2021 12:07

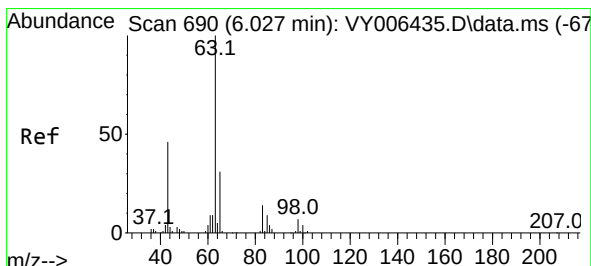
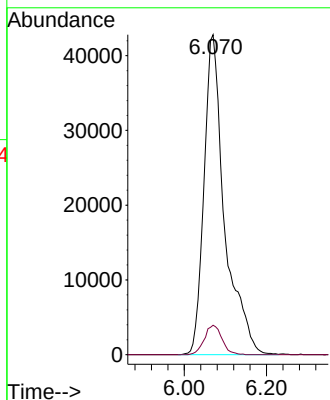
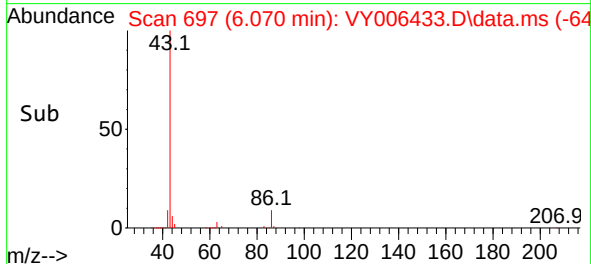
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010



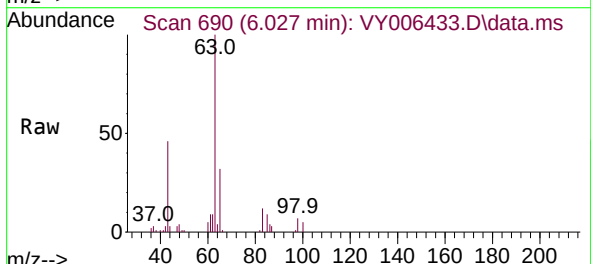
Tgt Ion: 43 Resp: 148909
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.3 10.9

Manual Integrations
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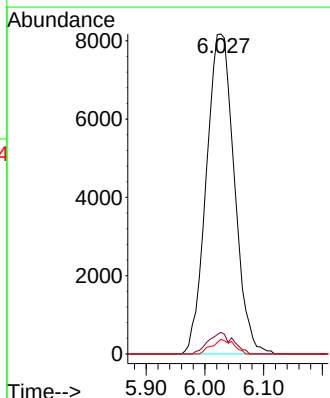
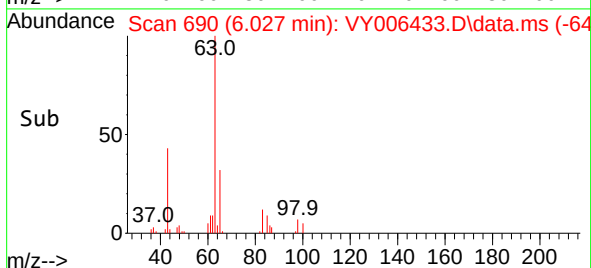
Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

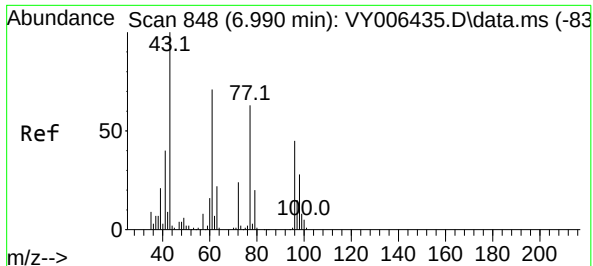


#24
 1,1-Dichloroethane
 Concen: 10.508 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY006433.D
 Acq: 22 Oct 2021 12:07



Tgt Ion: 63 Resp: 27017
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.5 2.0 6.0





#25

2-Butanone

Concen: 48.202 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 29710

Ion Ratio Lower Upper

43 100

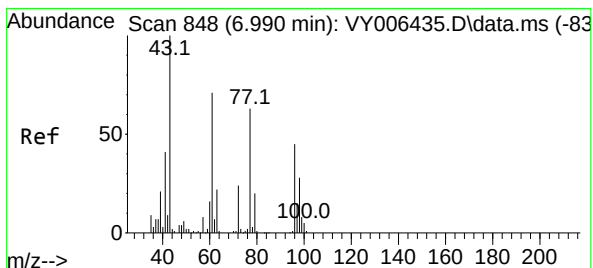
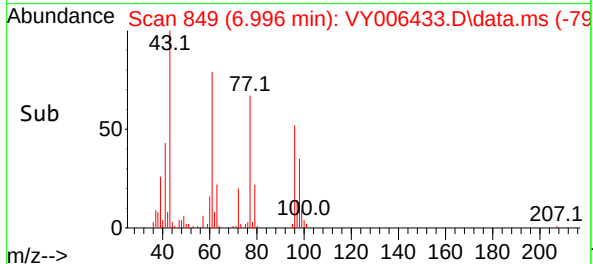
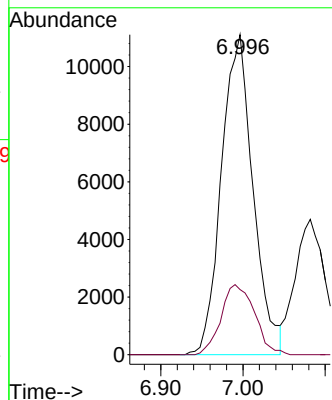
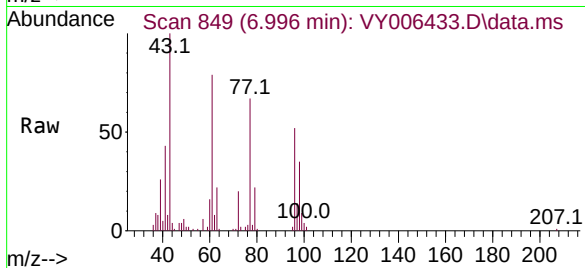
72 20.4 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#26

2,2-Dichloropropane

Concen: 10.200 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY006433.D

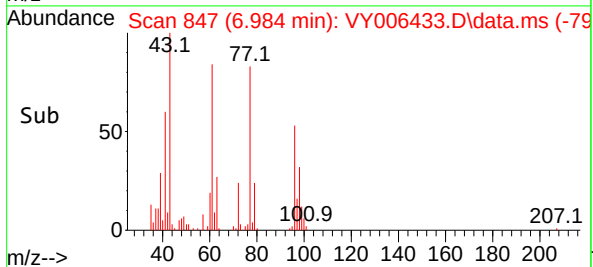
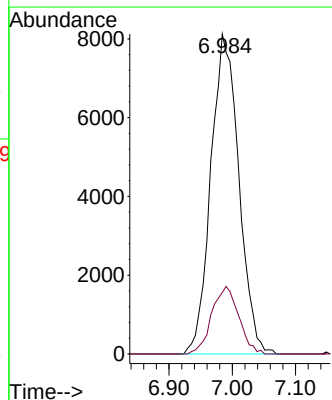
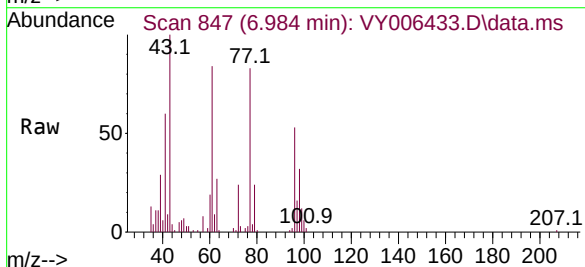
Acq: 22 Oct 2021 12:07

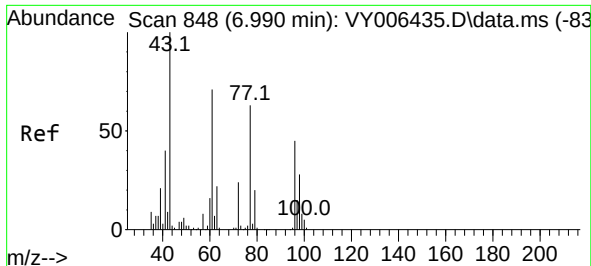
Tgt Ion: 77 Resp: 24944

Ion Ratio Lower Upper

77 100

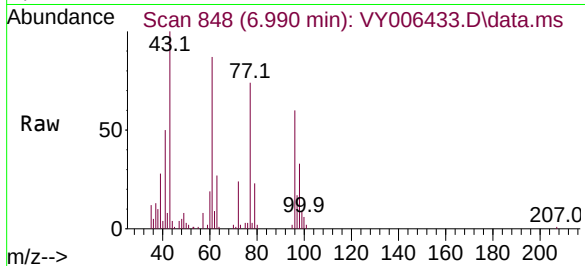
97 20.3 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 10.083 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY006433.D
 Acq: 22 Oct 2021 12:07

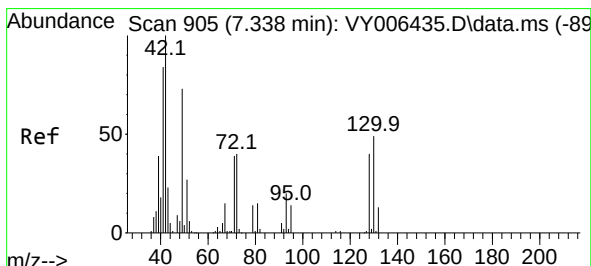
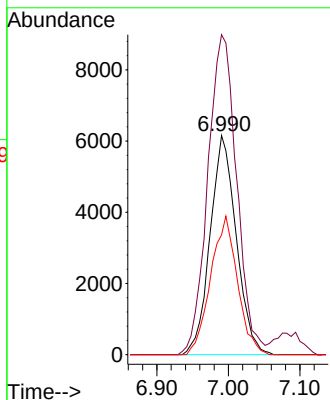
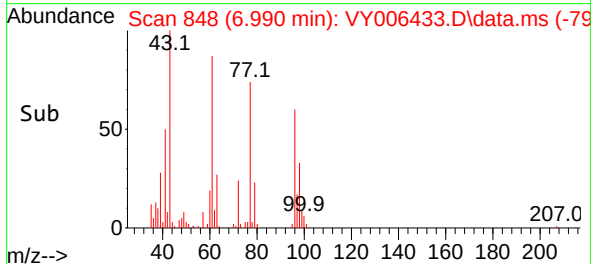
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010



Tgt Ion: 96 Resp: 1564
 Ion Ratio Lower Upper
 96 100
 61 161.4 0.0 314.0
 98 64.6 0.0 127.8

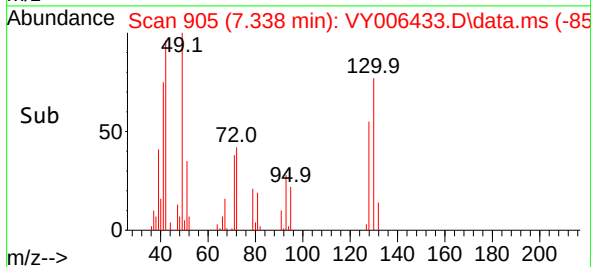
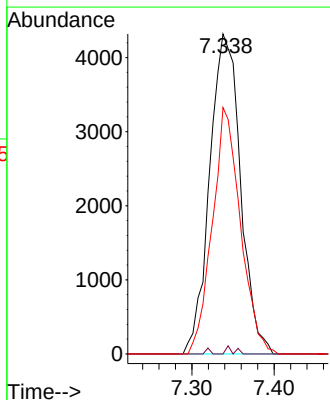
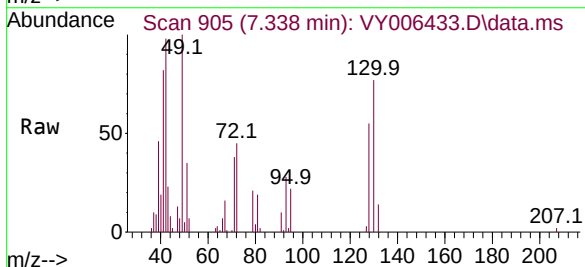
Manual Integrations
 APPROVED

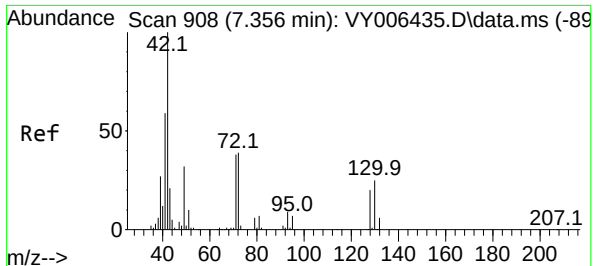
Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#28
 Bromochloromethane
 Concen: 10.781 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY006433.D
 Acq: 22 Oct 2021 12:07

Tgt Ion: 49 Resp: 11246
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.4
 130 70.2 55.6 83.4





#29

Tetrahydrofuran

Concen: 48.590 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Instrument :

MSVOA_Y

ClientSampleId :

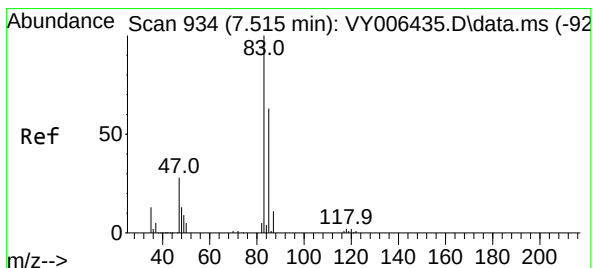
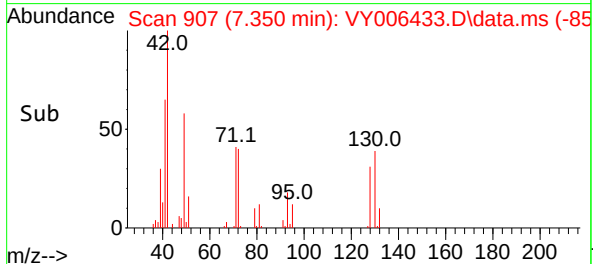
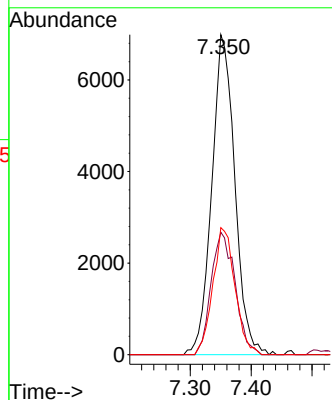
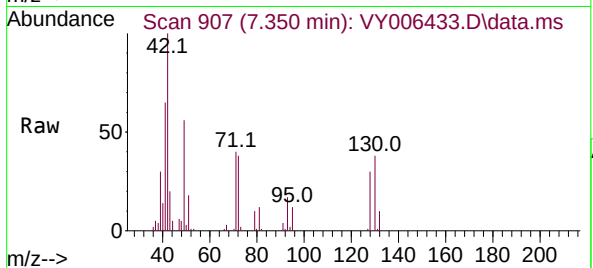
VSTDICC010

Tgt Ion: 42	Resp: 18374
Ion Ratio	Lower Upper
42	100
72	39.8 32.0 48.0
71	38.2 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#30

Chloroform

Concen: 10.422 ug/l

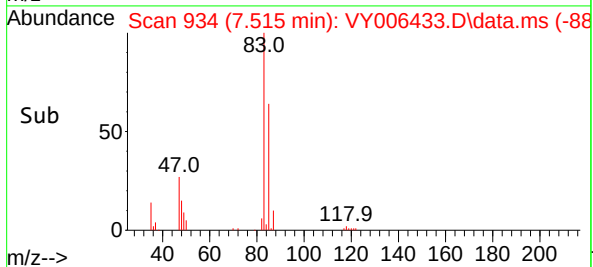
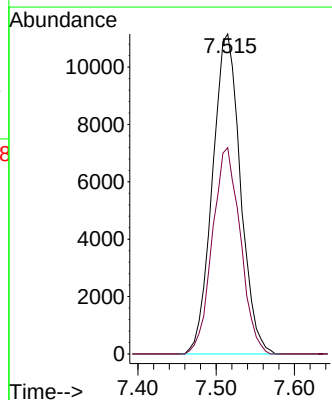
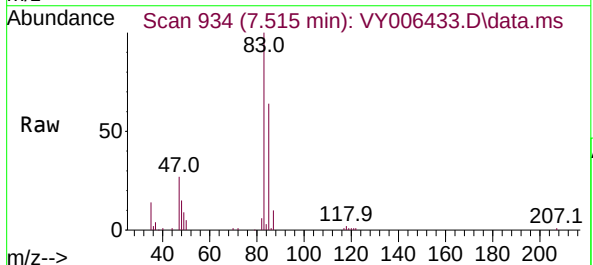
RT: 7.515 min Scan# 934

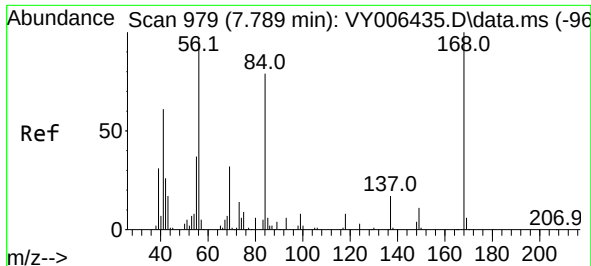
Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

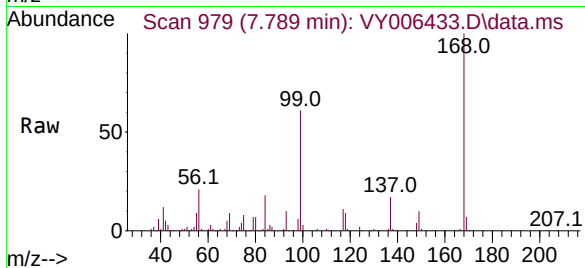
Tgt Ion: 83	Resp: 27674
Ion Ratio	Lower Upper
83	100
85	64.5 50.2 75.4





#31
Cyclohexane
Concen: 10.383 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

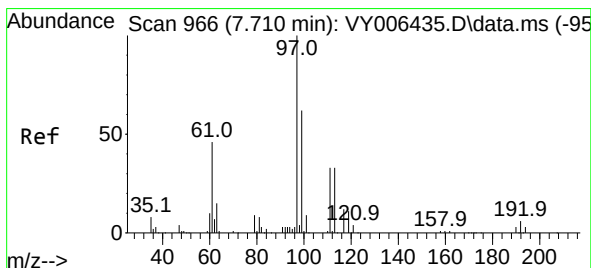
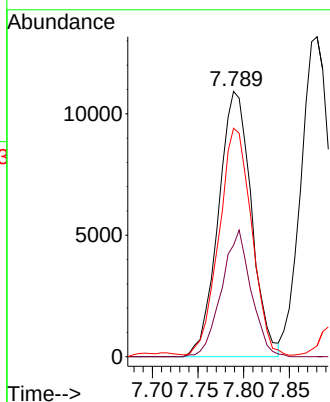
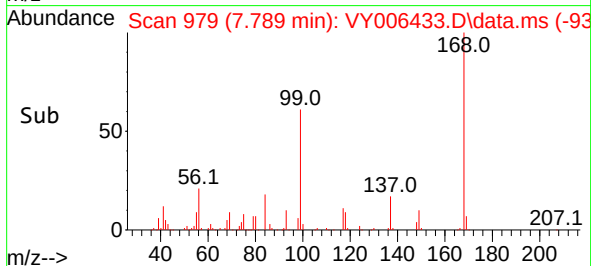
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 2746
Ion Ratio Lower Upper
56 100
69 42.0 26.6 40.0
84 85.2 65.0 97.4

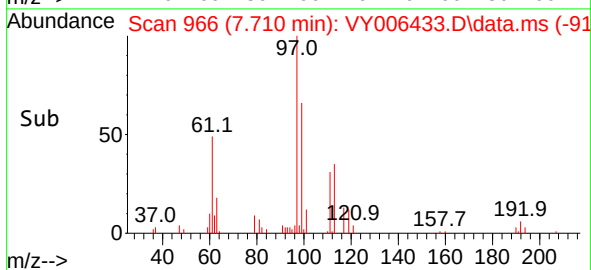
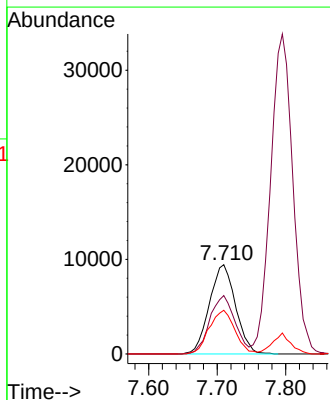
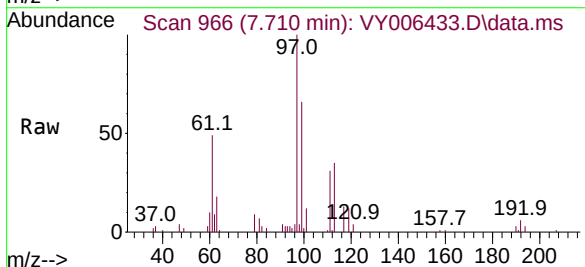
Manual Integrations
APPROVED

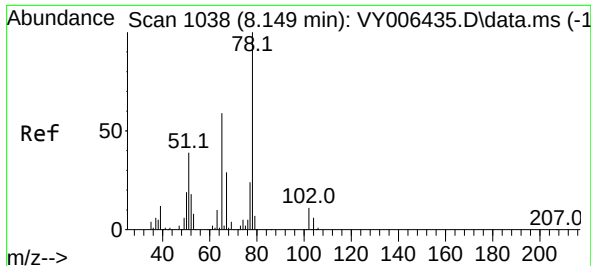
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#32
1,1,1-Trichloroethane
Concen: 10.201 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Tgt Ion: 97 Resp: 25010
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 48.2 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 9.491 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 1550

Ion Ratio Lower Upper

65 100

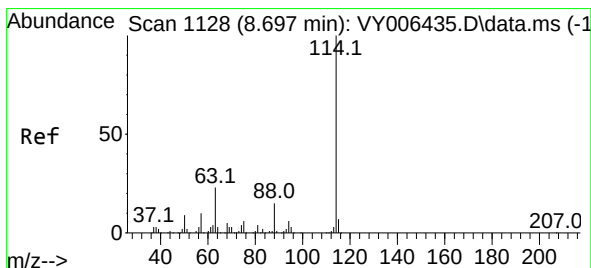
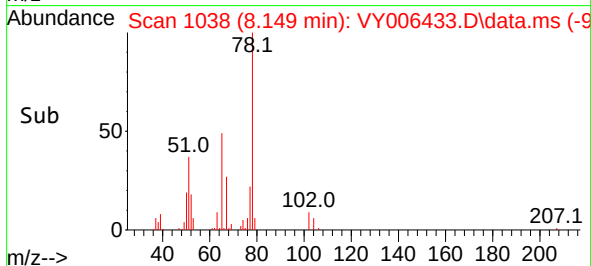
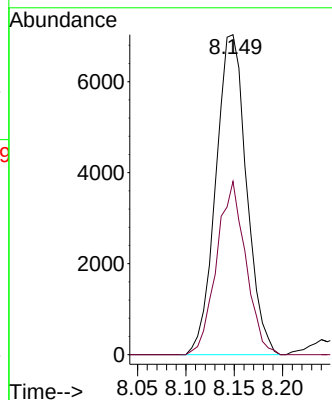
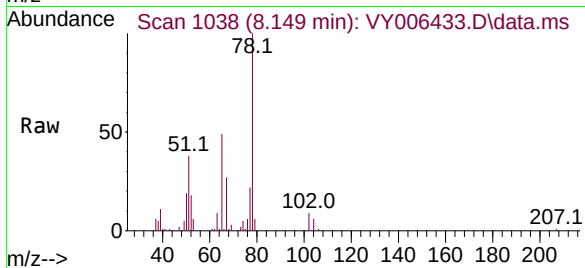
67 51.4 0.0 98.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

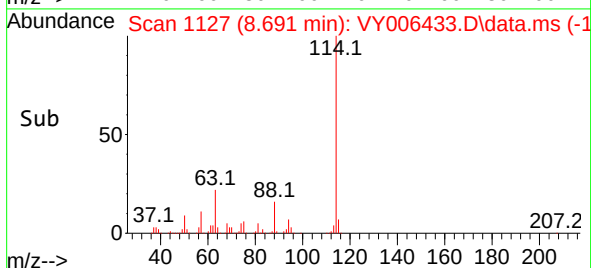
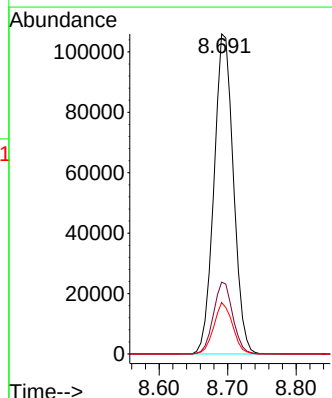
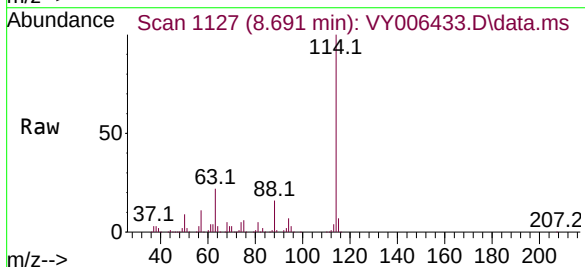
Tgt Ion:114 Resp: 208617

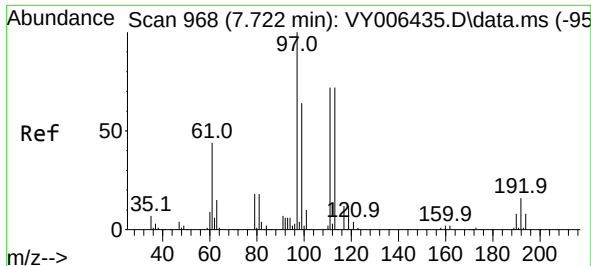
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

88 16.1 0.0 30.6





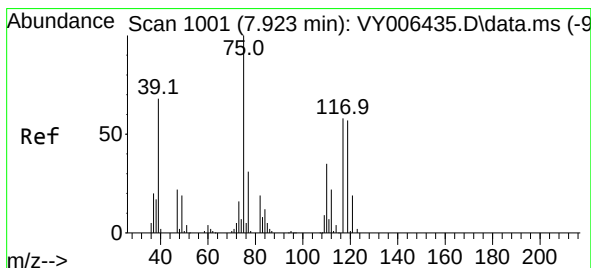
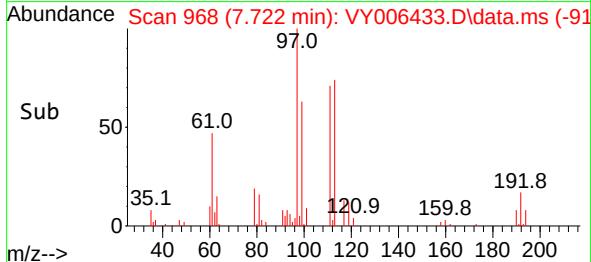
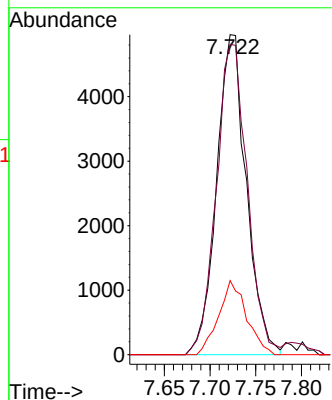
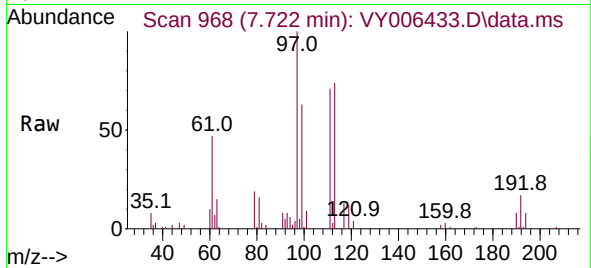
#35
Dibromofluoromethane
Concen: 9.669 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 113 Resp: 1124
Ion Ratio Lower Upper
113 100
111 101.1 82.3 123.5
192 21.7 17.4 26.2

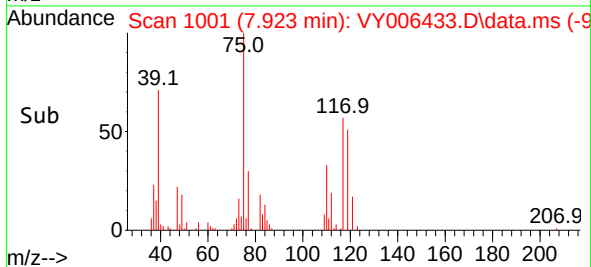
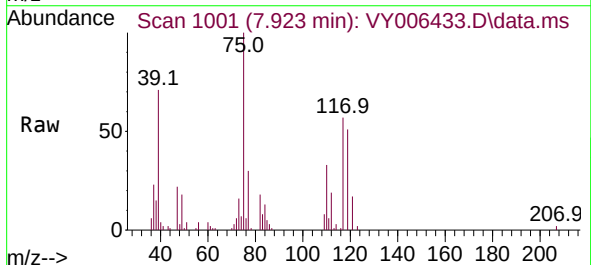
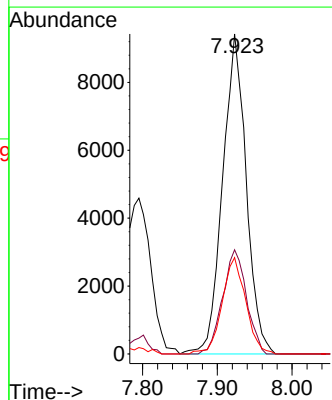
Manual Integrations
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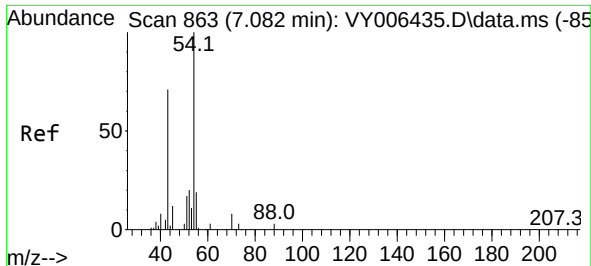
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#36
1,1-Dichloropropene
Concen: 10.037 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Tgt Ion: 75 Resp: 20690
Ion Ratio Lower Upper
75 100
110 32.9 17.1 51.3
77 30.1 24.9 37.3





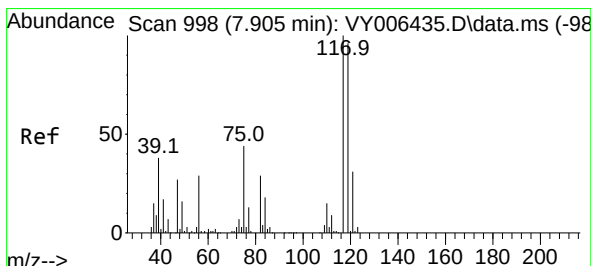
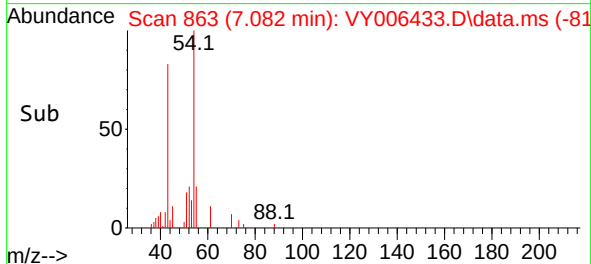
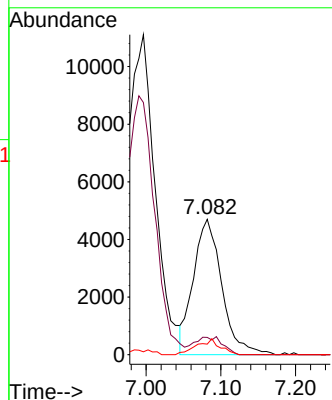
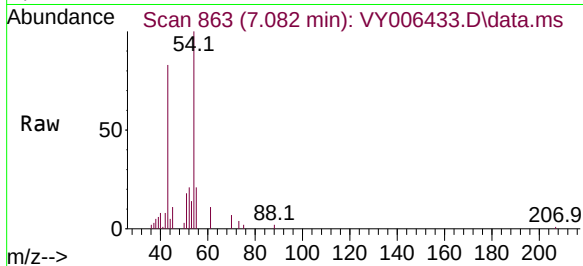
#37
Ethyl Acetate
Concen: 9.541 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 12440
Ion Ratio Lower Upper
43 100
61 13.1 9.4 14.2
70 9.5 6.9 10.3

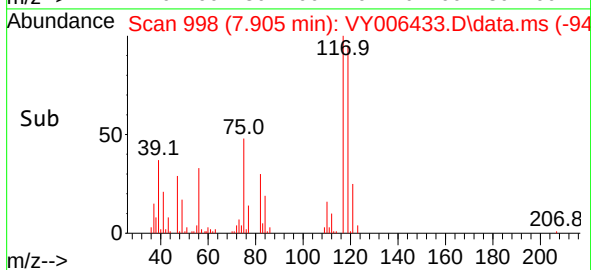
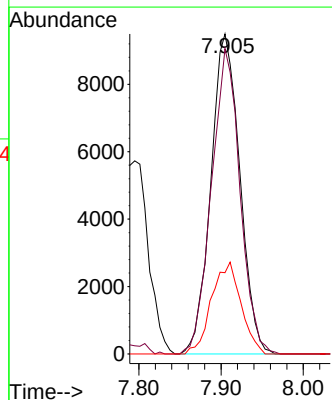
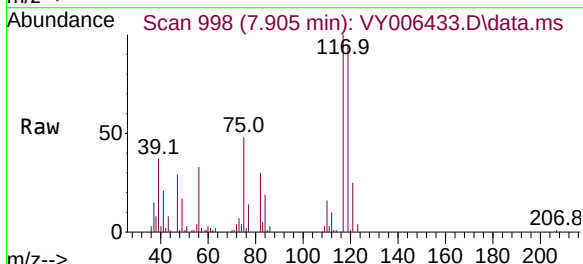
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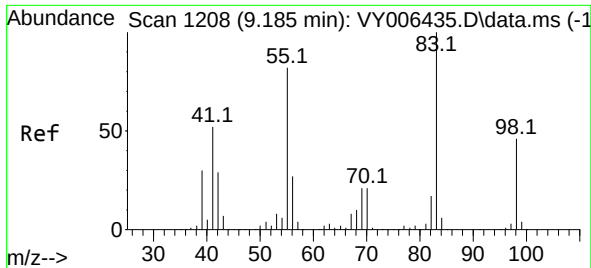
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#38
Carbon Tetrachloride
Concen: 10.242 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Tgt Ion:117 Resp: 23290
Ion Ratio Lower Upper
117 100
119 95.4 76.6 115.0
121 25.4 24.7 37.1





#39

Methylcyclohexane

Concen: 9.576 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

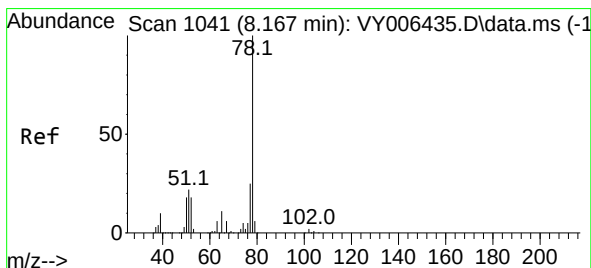
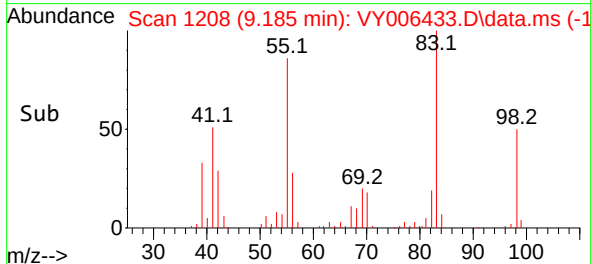
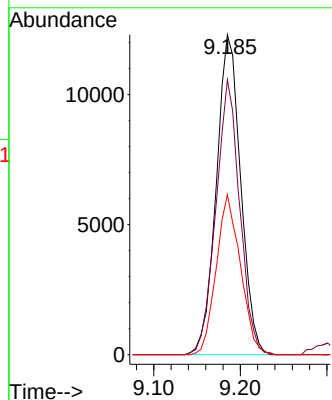
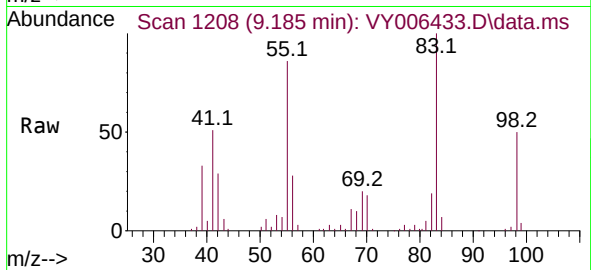
Tgt Ion: 83 Resp: 24028

Ion	Ratio	Lower	Upper
83	100		
55	85.9	65.3	97.9
98	50.0	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#40

Benzene

Concen: 9.920 ug/l

RT: 8.167 min Scan# 1041

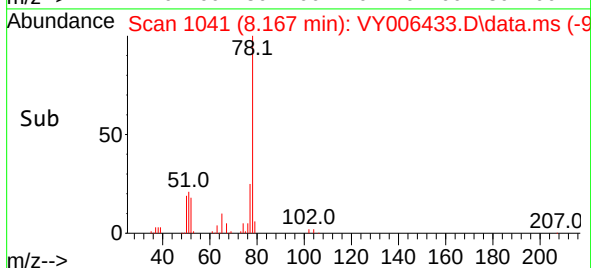
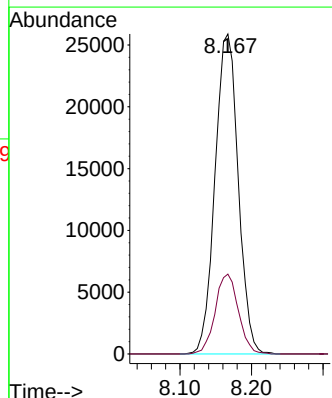
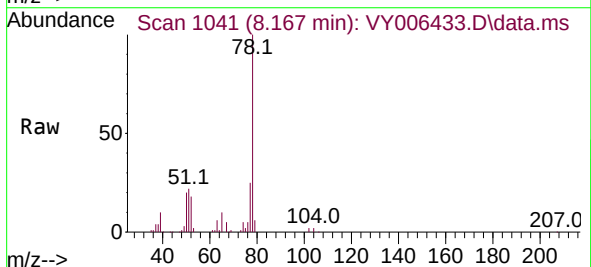
Delta R.T. 0.000 min

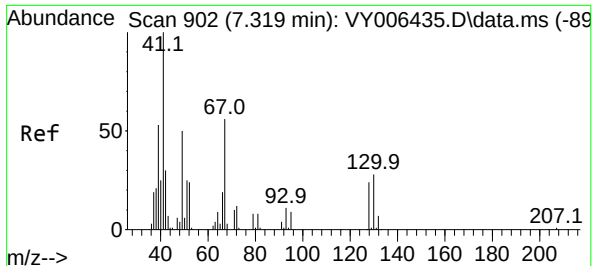
Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Tgt Ion: 78 Resp: 58320

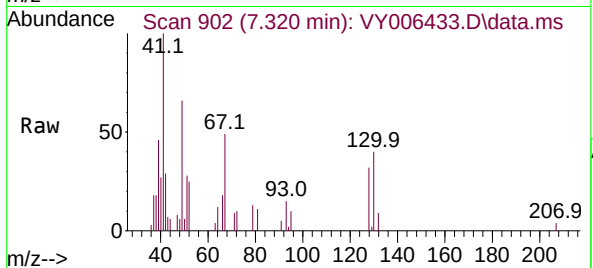
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.7	29.5





#41
Methacrylonitrile
Concen: 9.461 ug/l m
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

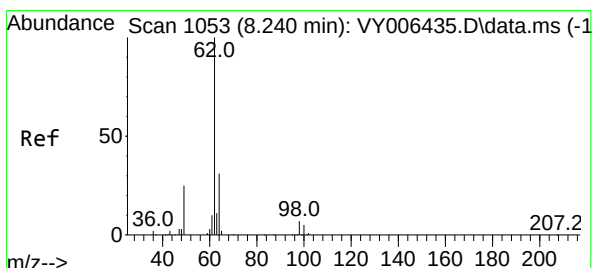
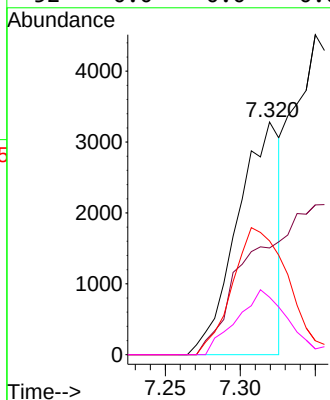
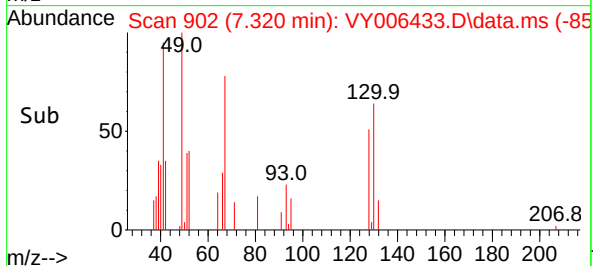
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 41 Resp: 6530
Ion Ratio Lower Upper
41 100
39 139.5 109.0 163.6
67 0.0 0.0 0.0
52 0.0 0.0 0.0

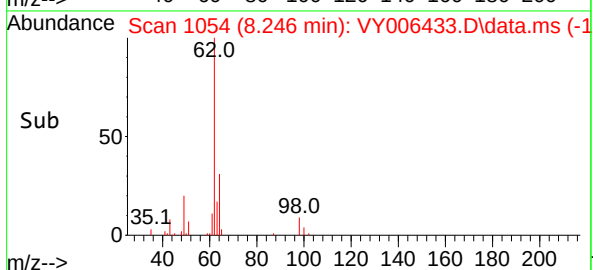
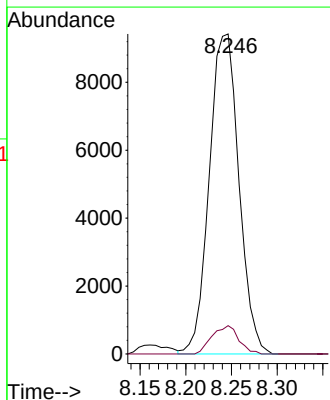
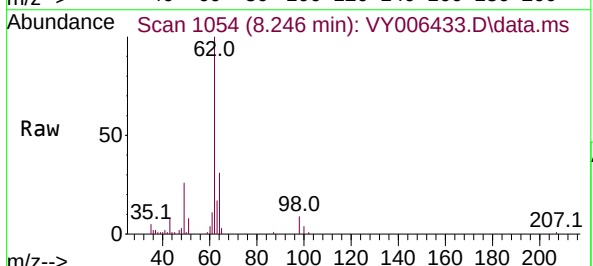
Manual Integrations
APPROVED

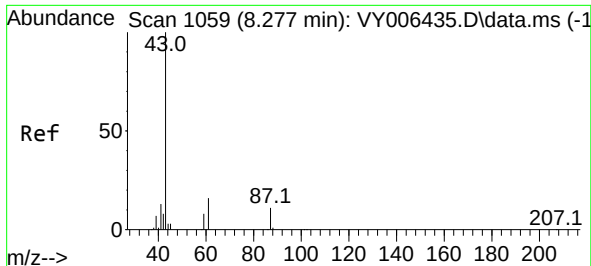
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#42
1,2-Dichloroethane
Concen: 10.121 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

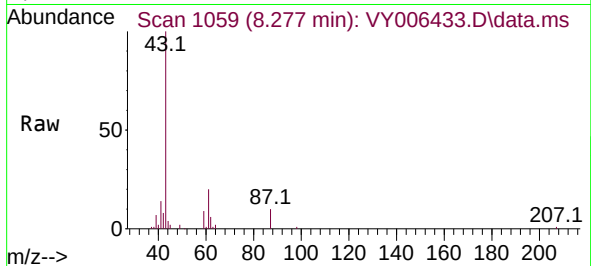
Tgt Ion: 62 Resp: 21249
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.2





#43
Isopropyl Acetate
Concen: 9.821 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

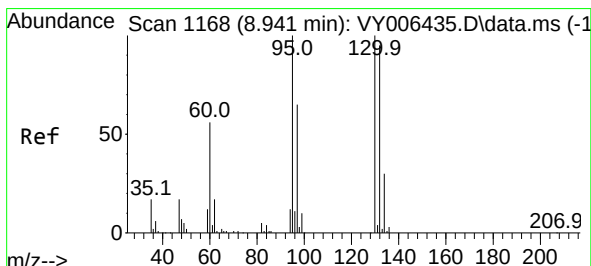
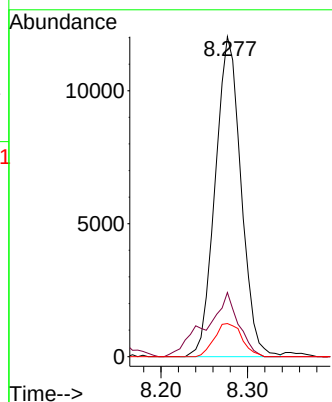
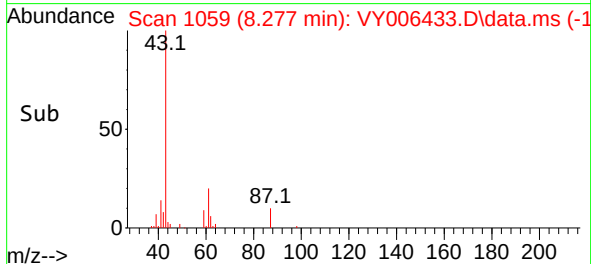
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 24854
Ion Ratio Lower Upper
43 100
61 25.4 20.5 30.7
87 11.1 9.0 13.6

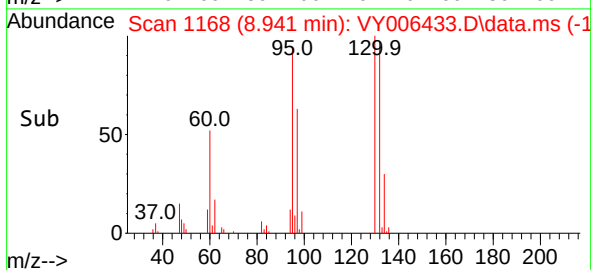
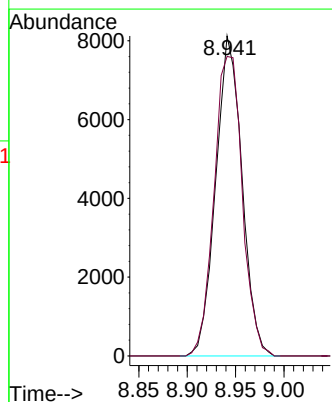
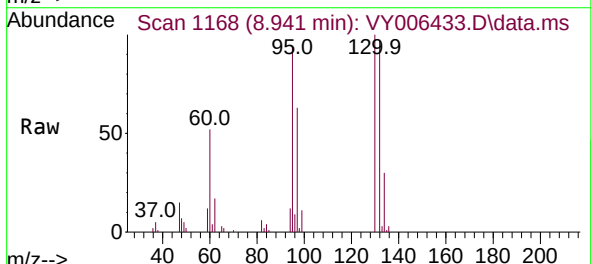
Manual Integrations
APPROVED

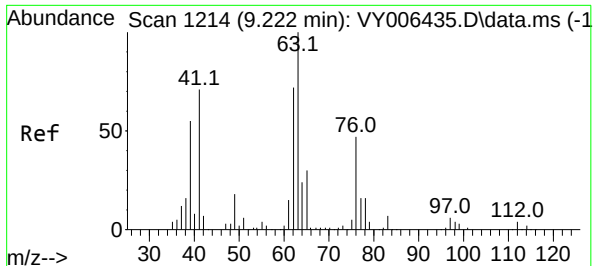
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#44
Trichloroethene
Concen: 10.090 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

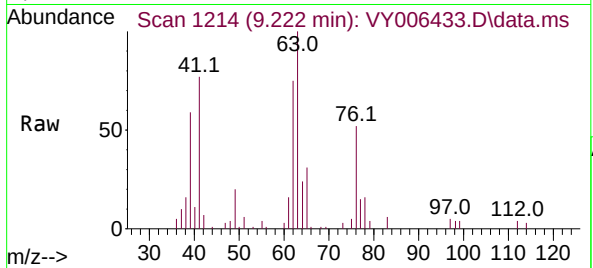
Tgt Ion:130 Resp: 15299
Ion Ratio Lower Upper
130 100
95 93.6 0.0 200.4





#45
1,2-Dichloropropane
Concen: 10.131 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

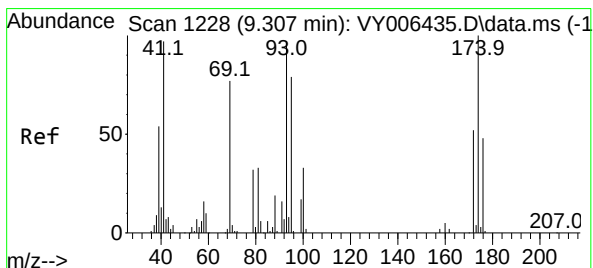
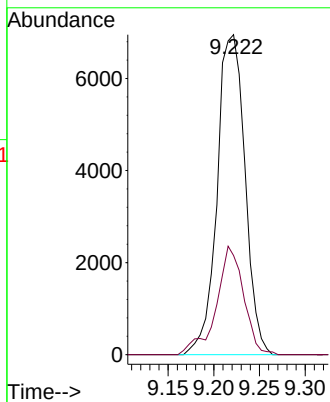
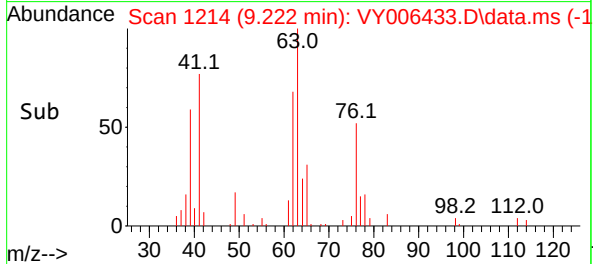
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 63 Resp: 1475
Ion Ratio Lower Upper
63 100
65 31.0 24.2 36.2

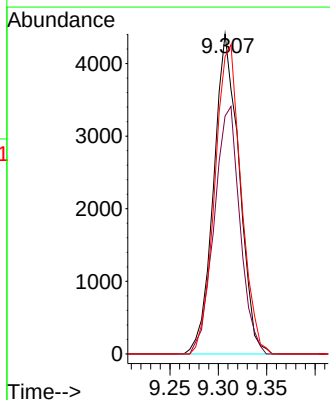
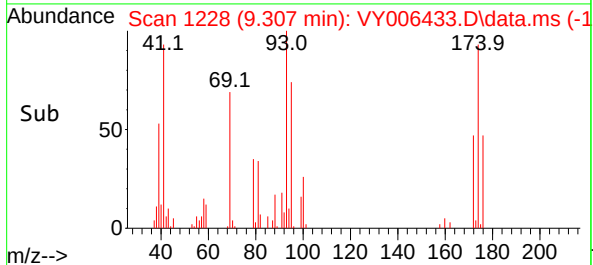
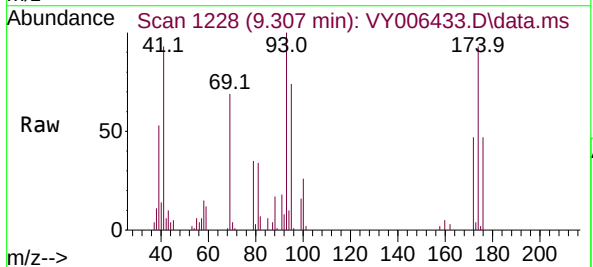
Manual Integrations
APPROVED

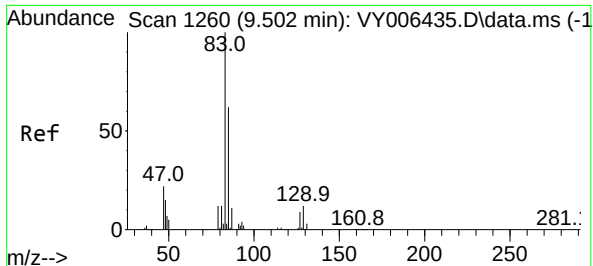
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#46
Dibromomethane
Concen: 10.101 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Tgt Ion: 93 Resp: 8074
Ion Ratio Lower Upper
93 100
95 78.1 65.5 98.3
174 99.3 84.3 126.5





#47

Bromodichloromethane

Concen: 10.039 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY006433.D

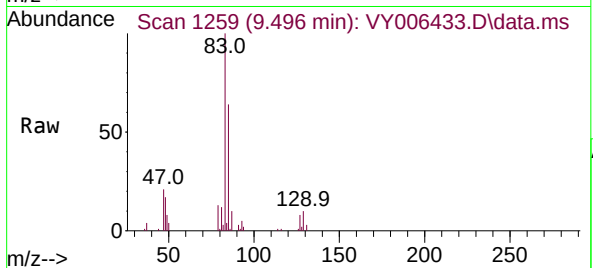
Acq: 22 Oct 2021 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

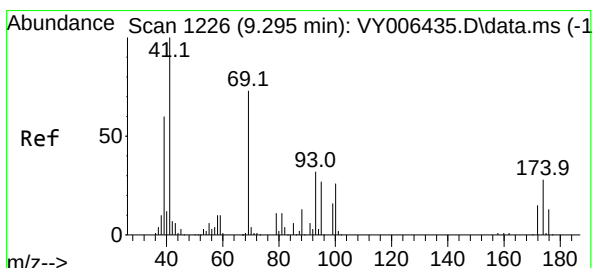
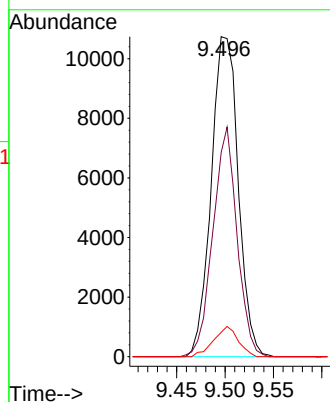
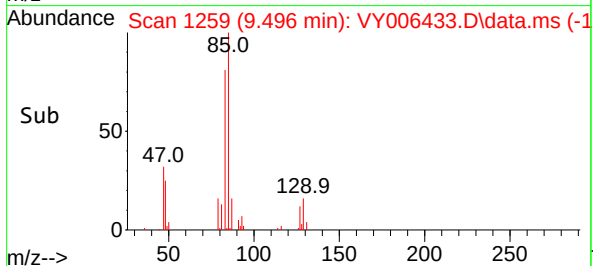


Tgt Ion: 83	Resp: 2087
Ion Ratio	Lower Upper
83	100
85	63.7 49.9 74.9
127	7.6 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#48

Methyl methacrylate

Concen: 9.646 ug/l

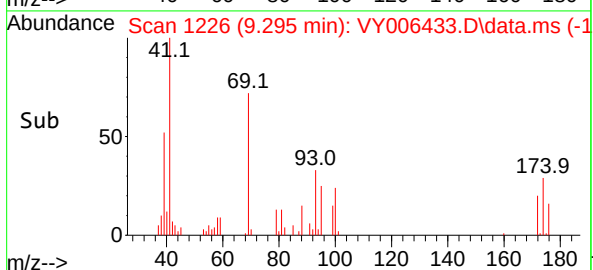
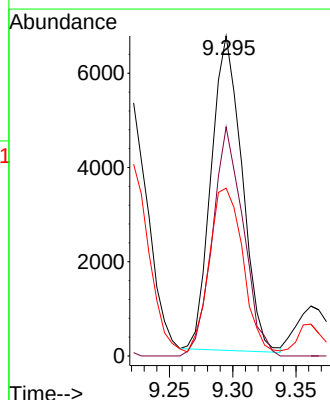
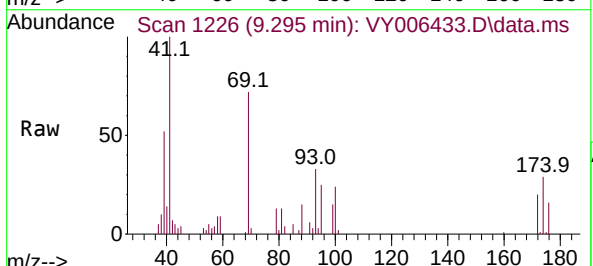
RT: 9.295 min Scan# 1226

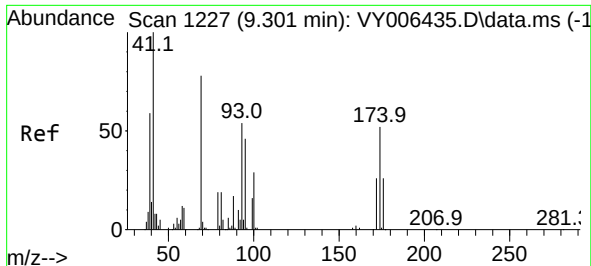
Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Tgt Ion: 41	Resp: 11314
Ion Ratio	Lower Upper
41	100
69	72.7 60.4 90.6
39	57.2 48.2 72.2





#49

1,4-Dioxane

Concen: 202.358 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Instrument :

MSVOA_Y

ClientSampleId :

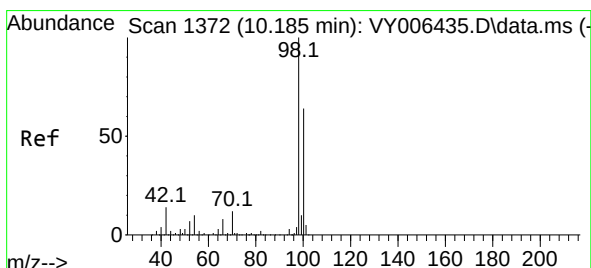
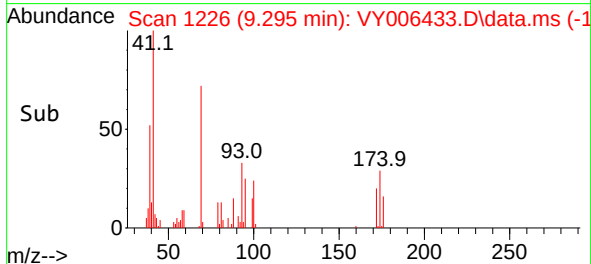
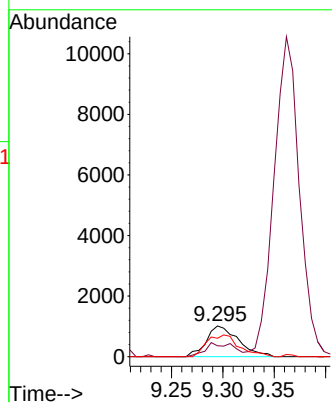
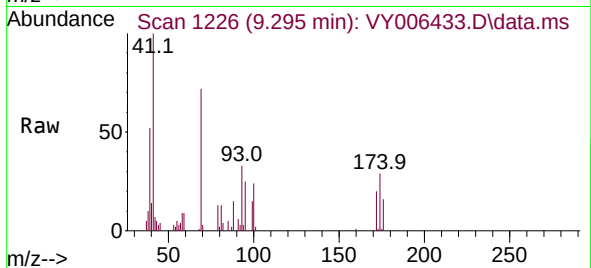
VSTDICC010

Tgt Ion: 88	Resp: 2190
Ion Ratio	Lower Upper
88 100	
43 39.6	34.1 51.1
58 72.0	57.5 86.3

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#50

Toluene-d8

Concen: 9.412 ug/l

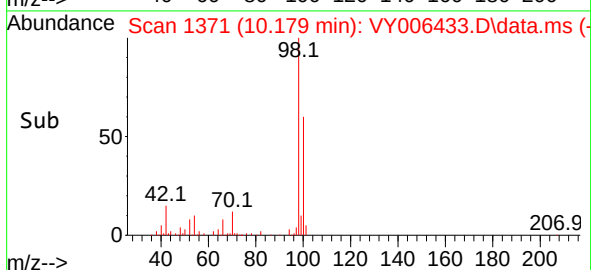
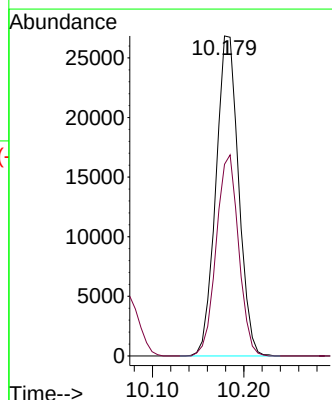
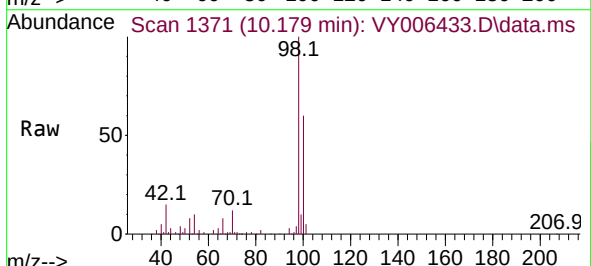
RT: 10.179 min Scan# 1371

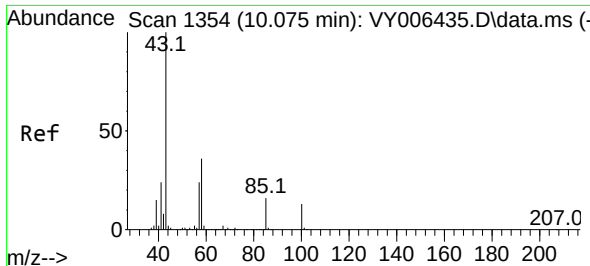
Delta R.T. -0.006 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

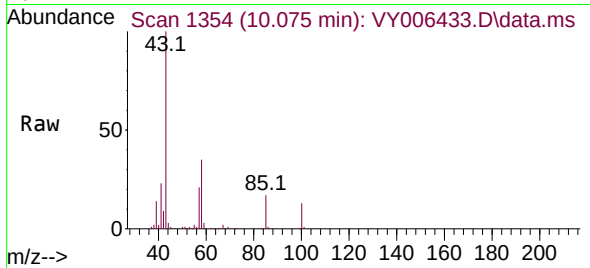
Tgt Ion: 98	Resp: 46393
Ion Ratio	Lower Upper
98 100	
100 61.8	50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 48.509 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

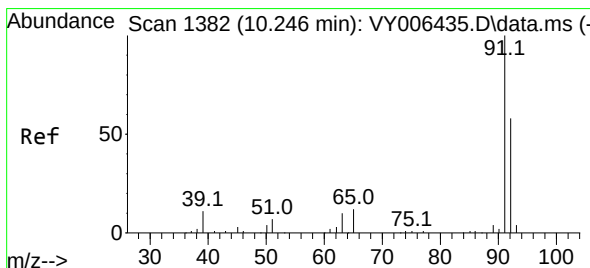
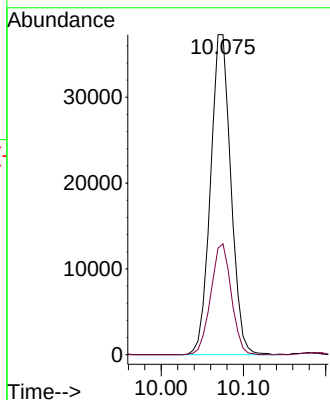
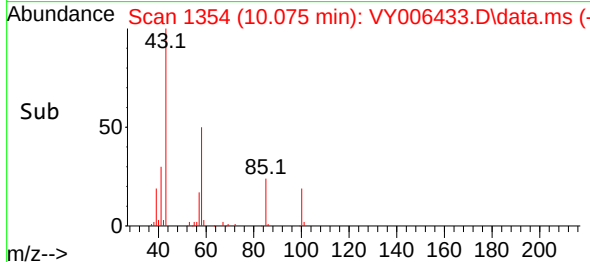
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 64352
Ion Ratio Lower Upper
43 100
58 34.8 28.7 43.1

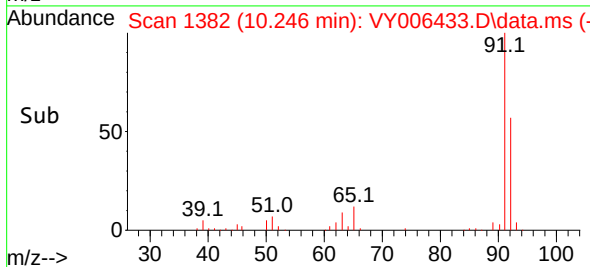
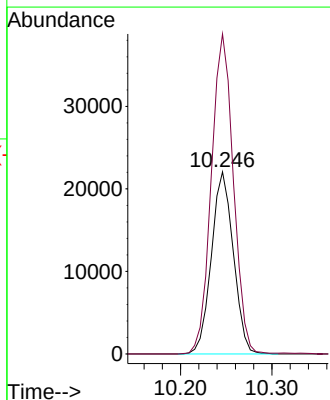
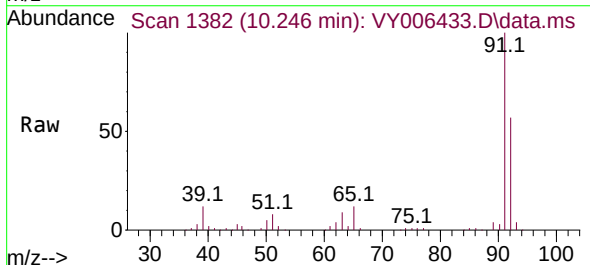
Manual Integrations
APPROVED

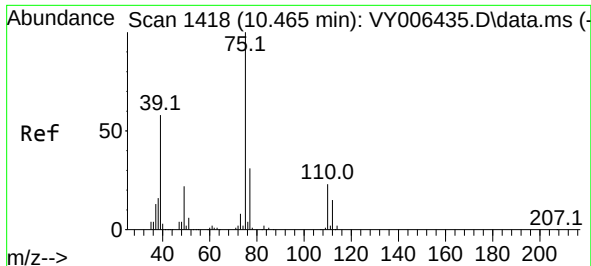
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#52
Toluene
Concen: 9.967 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Tgt Ion: 92 Resp: 36766
Ion Ratio Lower Upper
92 100
91 176.6 139.7 209.5





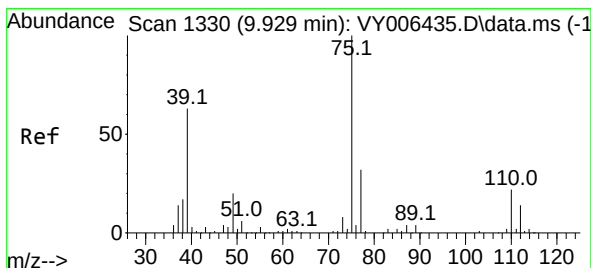
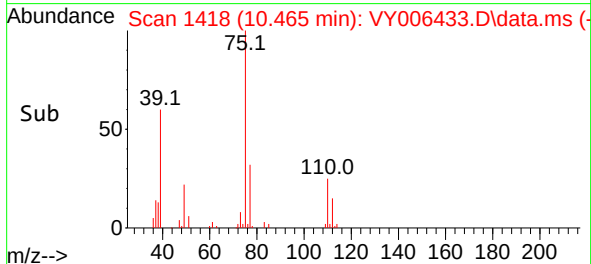
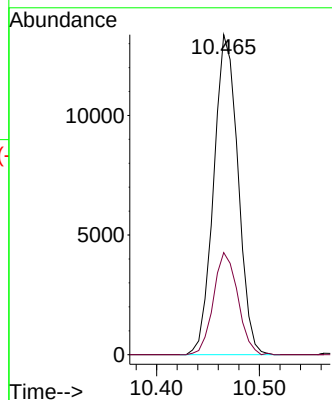
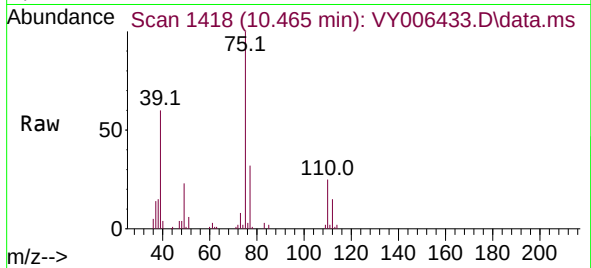
#53
t-1,3-Dichloropropene
Concen: 9.791 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 2193
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3

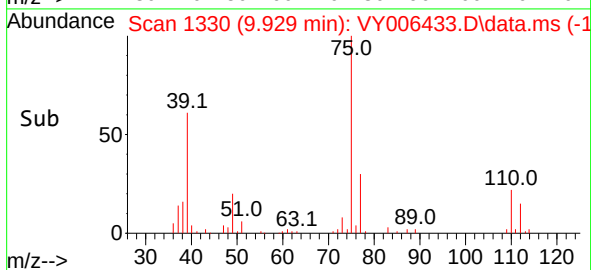
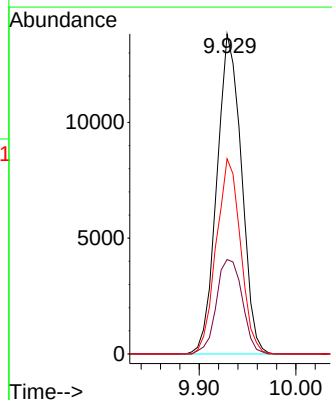
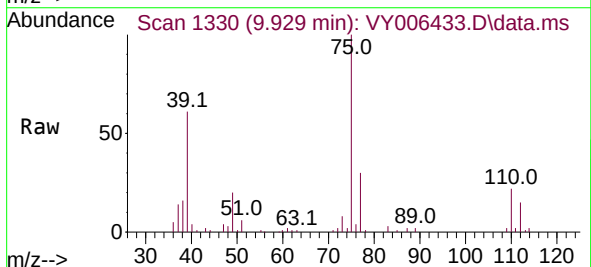
Manual Integrations
APPROVED

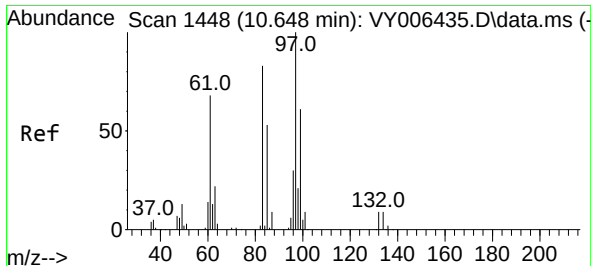
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#54
cis-1,3-Dichloropropene
Concen: 10.024 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

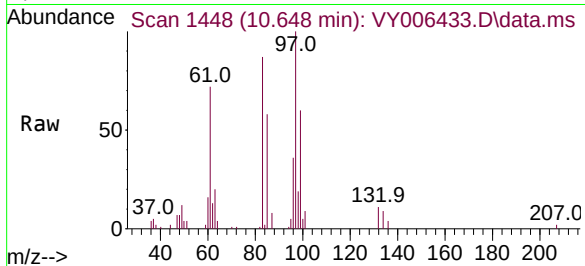
Tgt Ion: 75 Resp: 24328
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.2
39 61.0 50.2 75.2





#55
1,1,2-Trichloroethane
Concen: 9.888 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

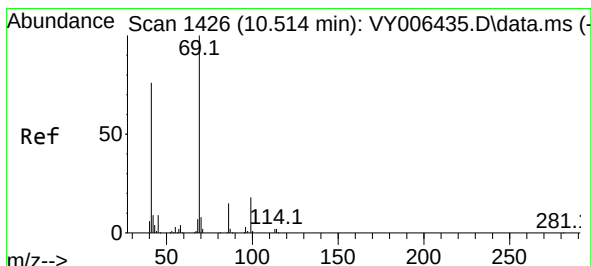
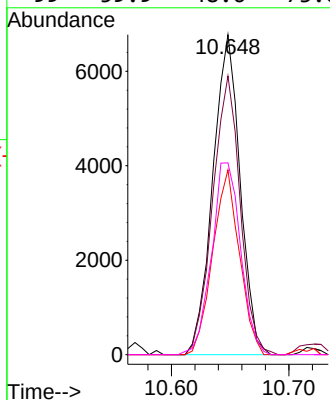
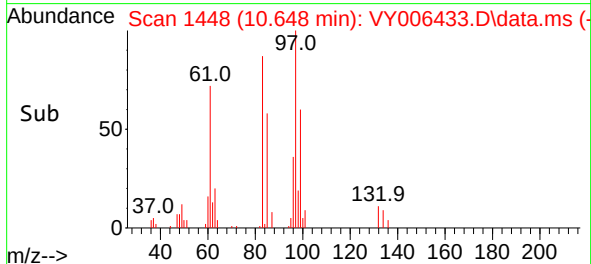
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



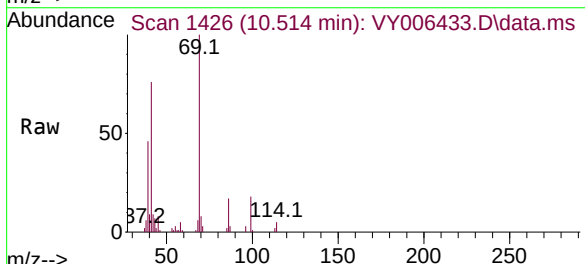
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.1	66.2	99.2
85	57.8	42.2	63.4
99	59.9	48.6	73.0

Manual Integrations
APPROVED

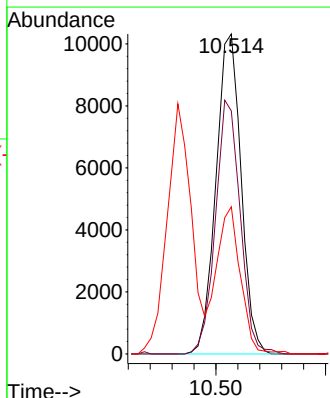
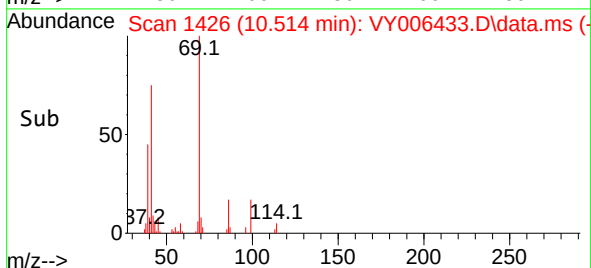
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

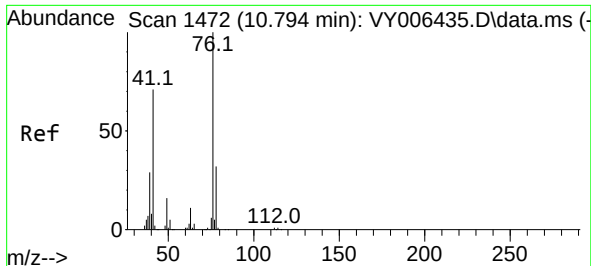


#56
Ethyl methacrylate
Concen: 9.621 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07



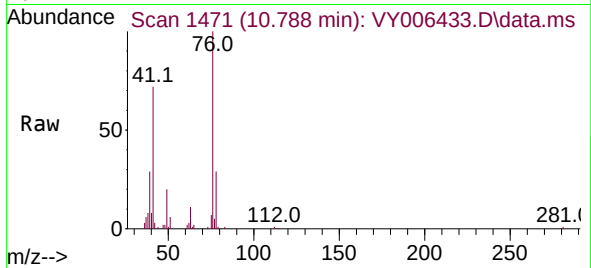
Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.2	62.9	94.3
39	44.0	35.7	53.5





#57
1,3-Dichloropropane
Concen: 10.024 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

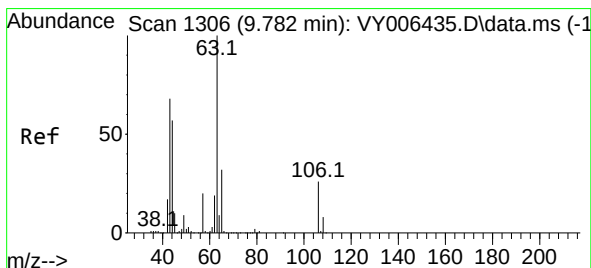
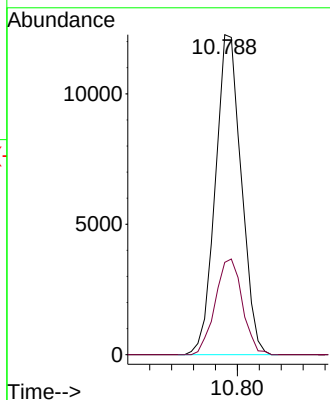
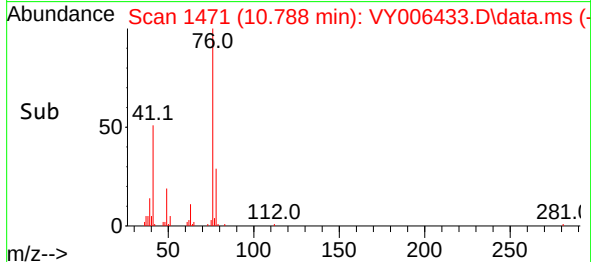
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 76 Resp: 2013
Ion Ratio Lower Upper
76 100
78 31.2 25.4 38.2

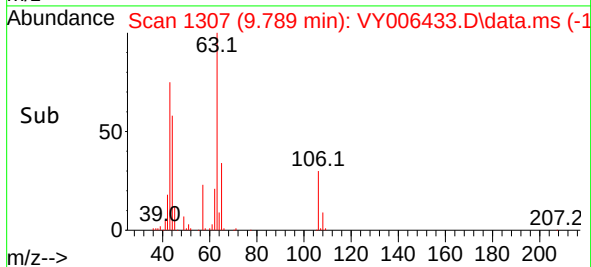
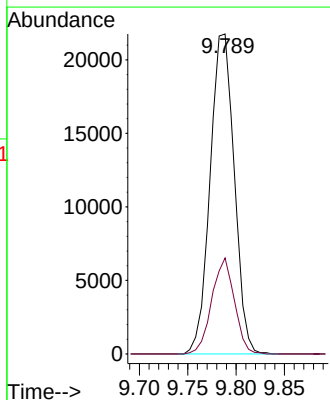
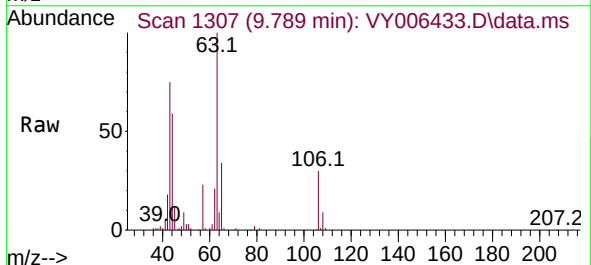
Manual Integrations
APPROVED

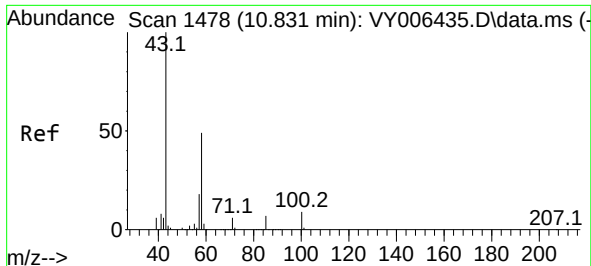
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#58
2-Chloroethyl Vinyl ether
Concen: 48.546 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

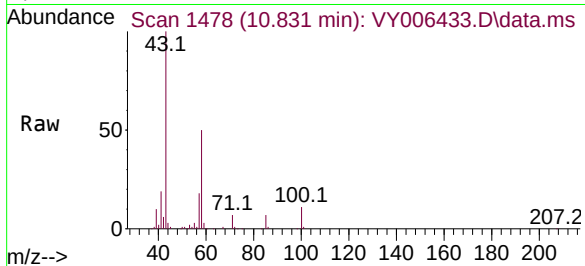
Tgt Ion: 63 Resp: 37813
Ion Ratio Lower Upper
63 100
106 28.1 21.4 32.2





#59
2-Hexanone
Concen: 46.751 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

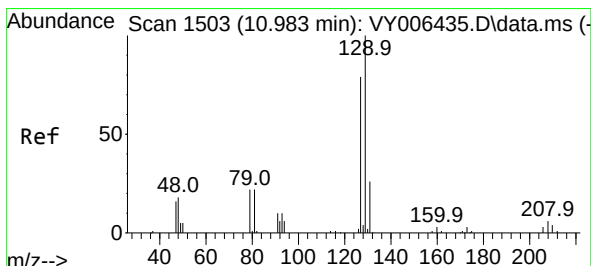
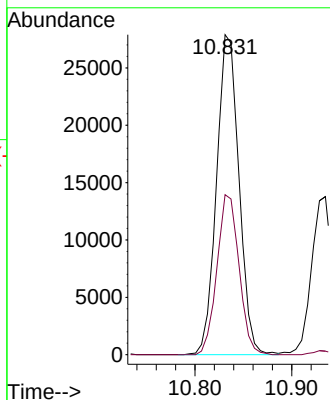
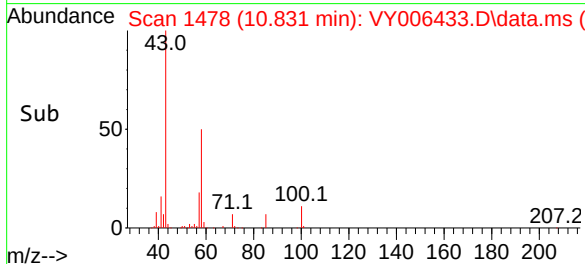
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 4488
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.6

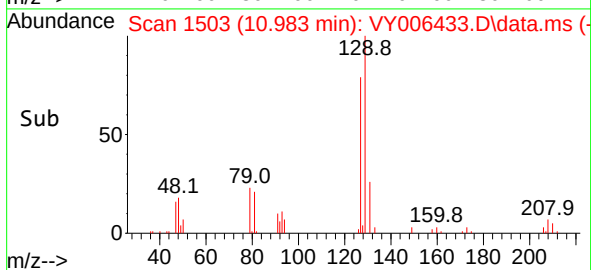
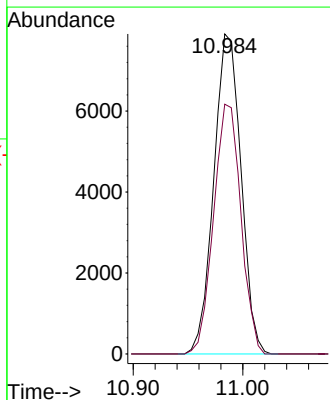
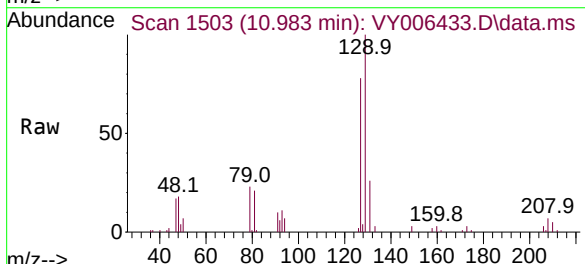
Manual Integrations
APPROVED

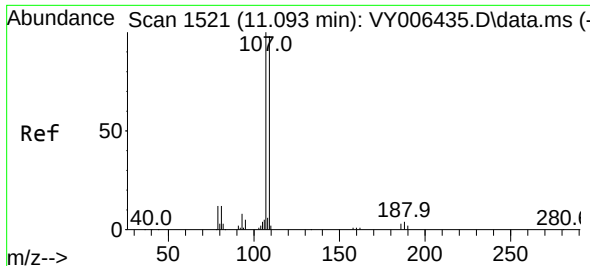
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#60
Dibromochloromethane
Concen: 10.022 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

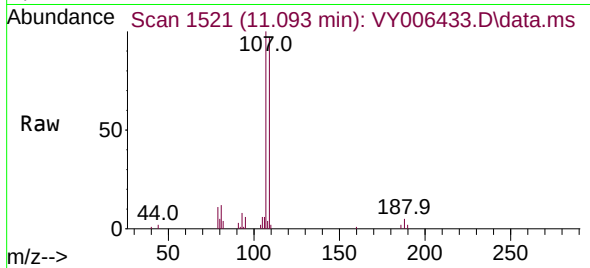
Tgt Ion:129 Resp: 13662
Ion Ratio Lower Upper
129 100
127 78.1 39.4 118.1





#61
1,2-Dibromoethane
Concen: 9.693 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

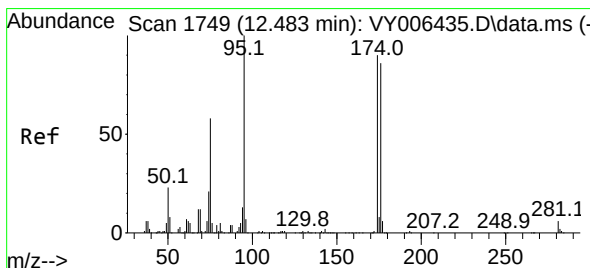
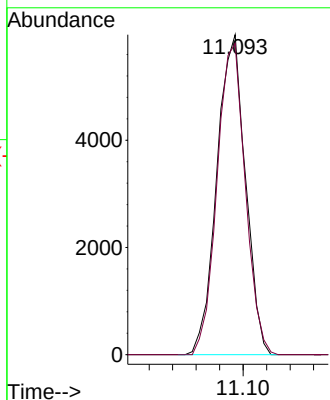
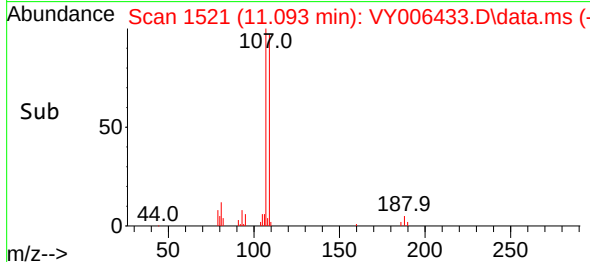
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



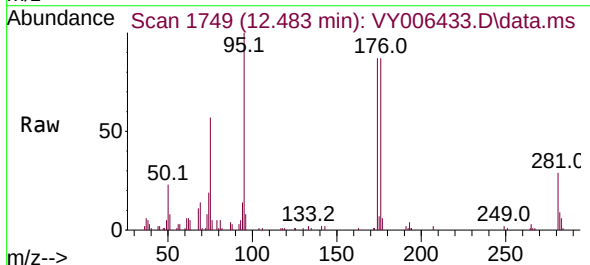
Tgt Ion:107 Resp: 10080
Ion Ratio Lower Upper
107 100
109 96.1 76.2 114.2

Manual Integrations
APPROVED

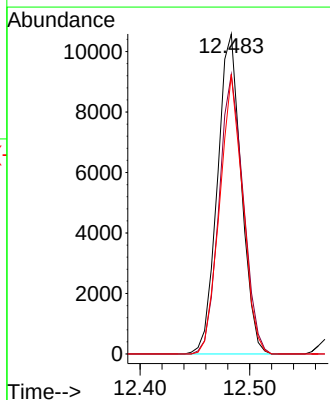
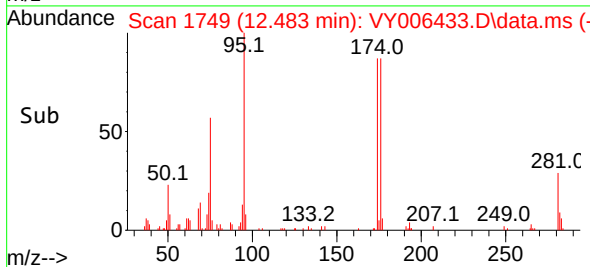
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

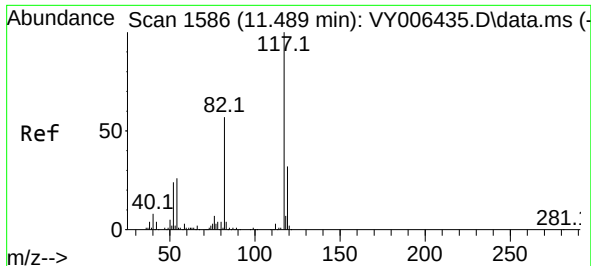


#62
4-Bromofluorobenzene
Concen: 9.624 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07



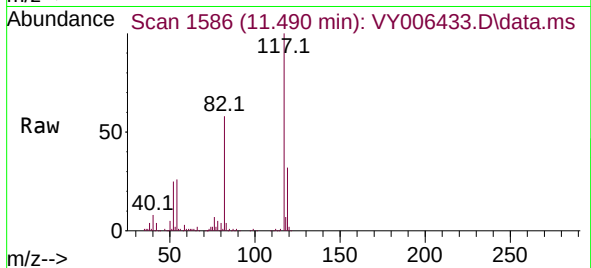
Tgt Ion: 95 Resp: 15980
Ion Ratio Lower Upper
95 100
174 88.8 0.0 177.0
176 84.6 0.0 169.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11586
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

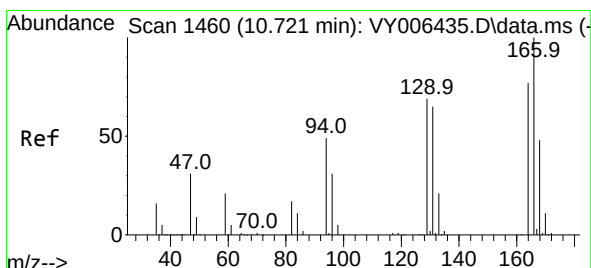
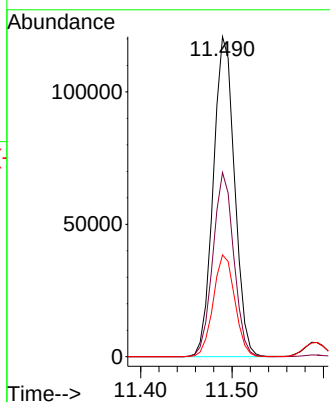
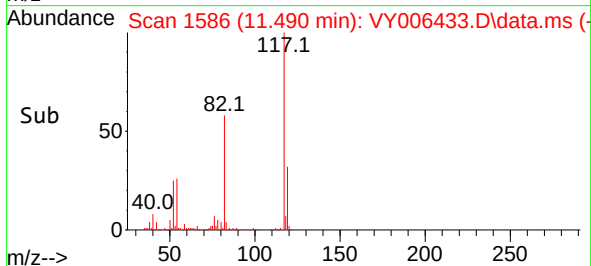
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



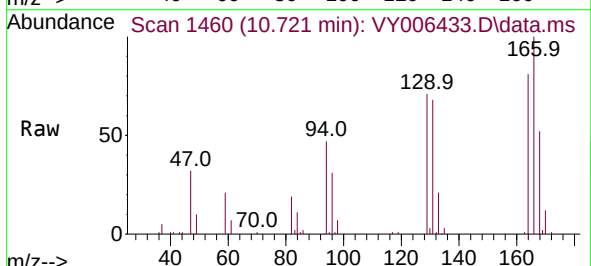
Tgt Ion:117 Resp: 19545
Ion Ratio Lower Upper
117 100
82 57.5 45.7 68.5
119 31.8 25.5 38.3

Manual Integrations
APPROVED

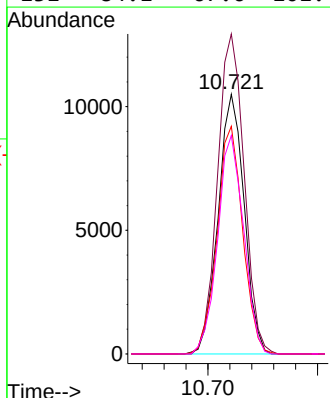
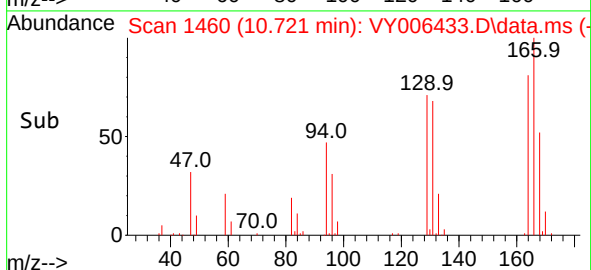
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

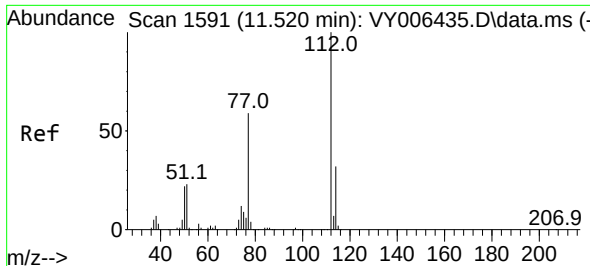


#64
Tetrachloroethene
Concen: 10.129 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07



Tgt Ion:164 Resp: 17311
Ion Ratio Lower Upper
164 100
166 123.3 103.3 154.9
129 87.7 71.2 106.8
131 84.1 67.6 101.4





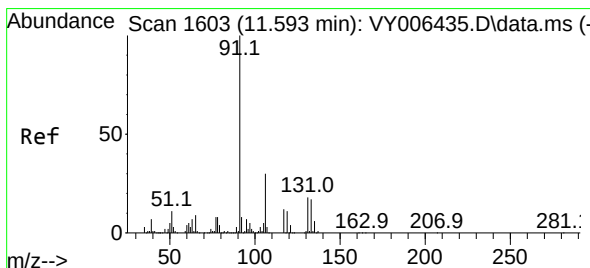
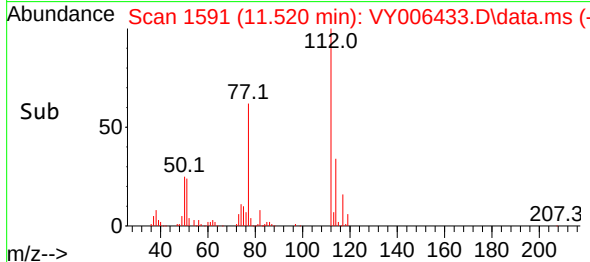
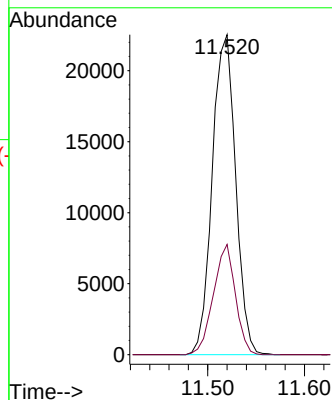
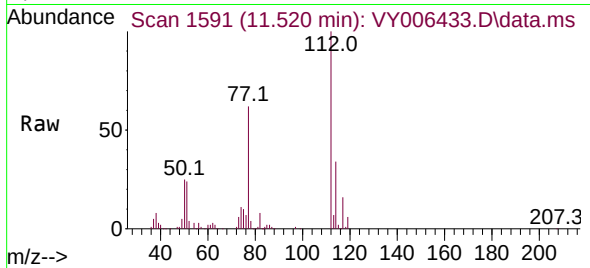
#65
Chlorobenzene
Concen: 9.950 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:112 Resp: 37849
Ion Ratio Lower Upper
112 100
114 34.5 25.8 38.8

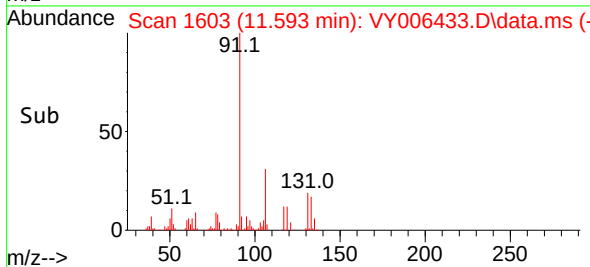
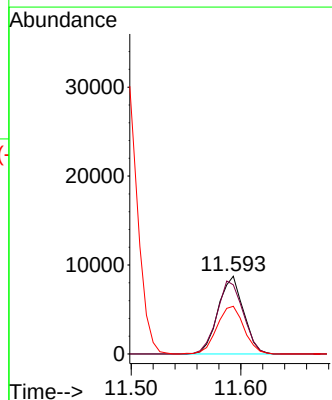
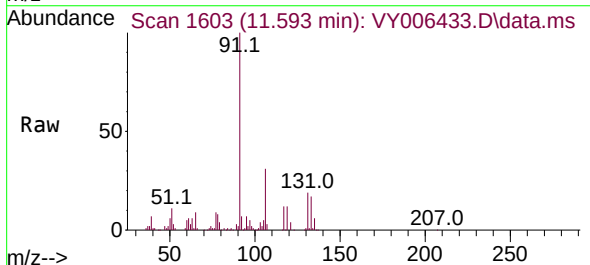
Manual Integrations
APPROVED

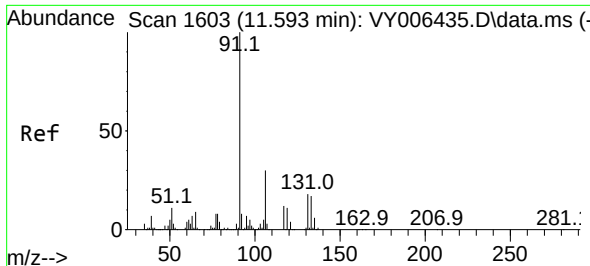
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 9.787 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

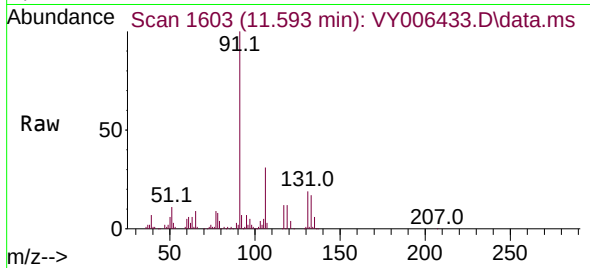
Tgt Ion:131 Resp: 14015
Ion Ratio Lower Upper
131 100
133 97.9 47.8 143.3
119 65.7 30.8 92.4





#67
Ethyl Benzene
Concen: 9.716 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

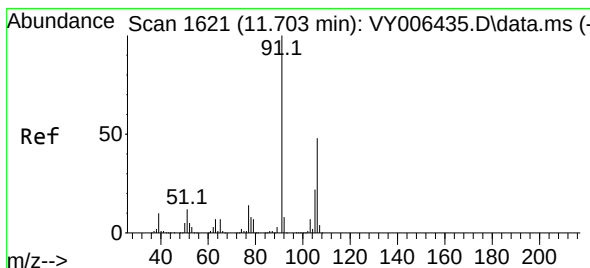
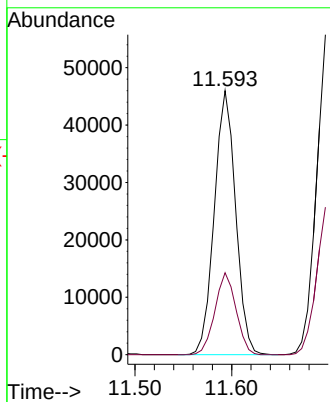
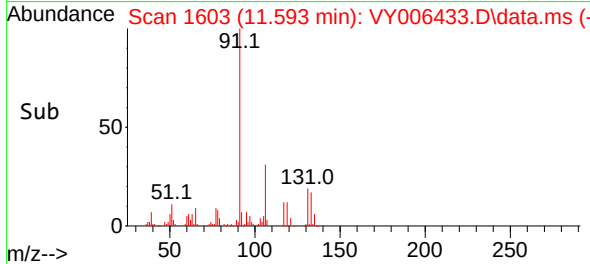
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



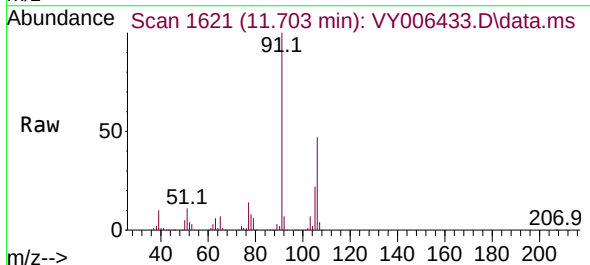
Tgt Ion: 91 Resp: 70370
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4

Manual Integrations
APPROVED

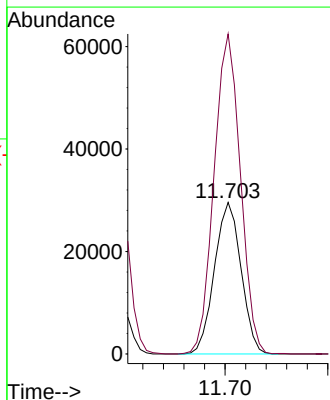
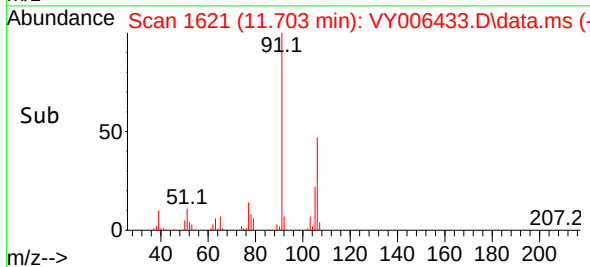
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

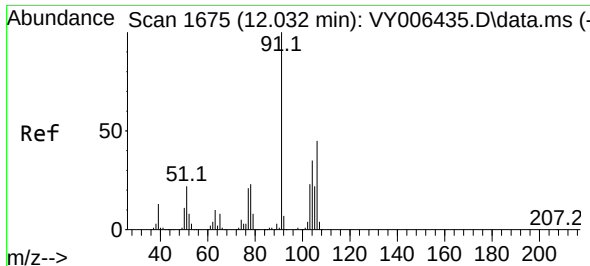


#68
m/p-Xylenes
Concen: 19.488 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07



Tgt Ion:106 Resp: 53103
Ion Ratio Lower Upper
106 100
91 209.2 167.5 251.3





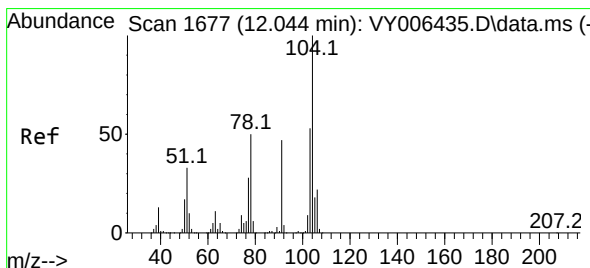
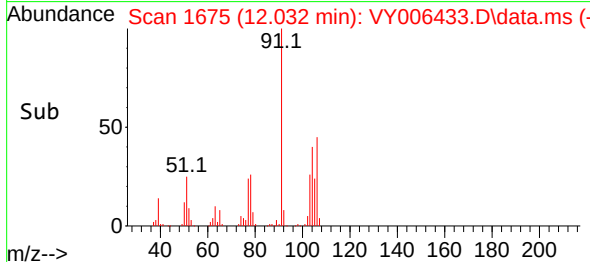
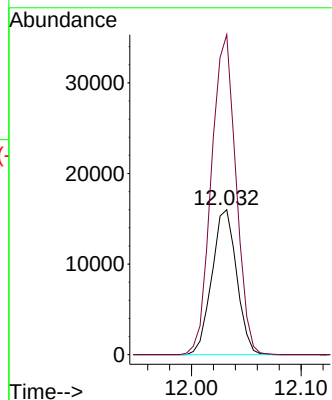
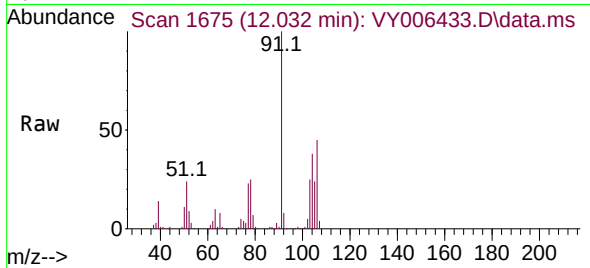
#69
o-Xylene
Concen: 9.669 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 25139
Ion Ratio Lower Upper
106 100
91 218.7 110.3 330.9

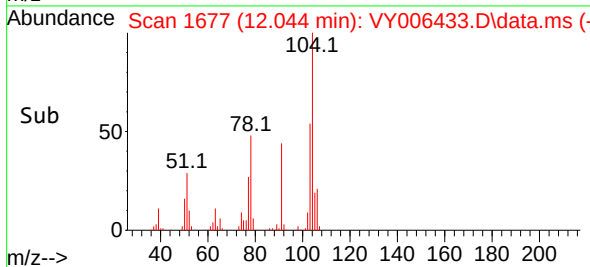
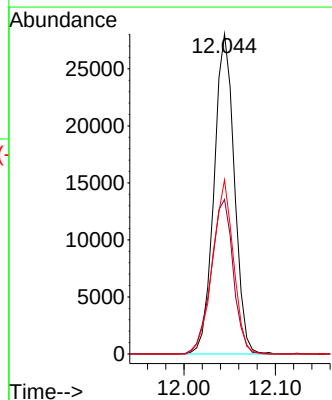
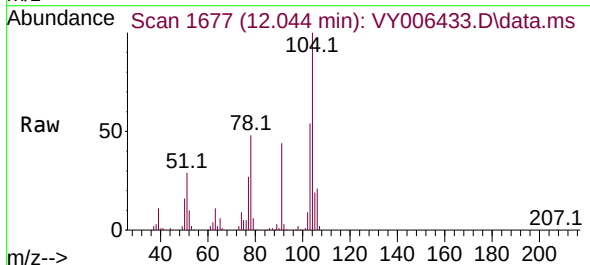
Manual Integrations
APPROVED

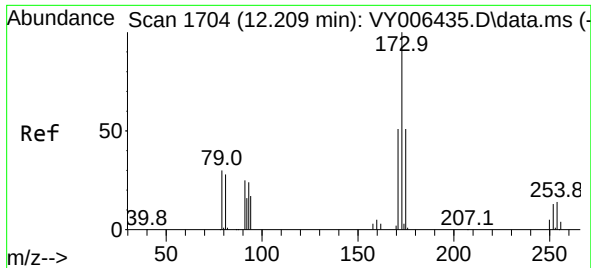
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#70
Styrene
Concen: 9.729 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

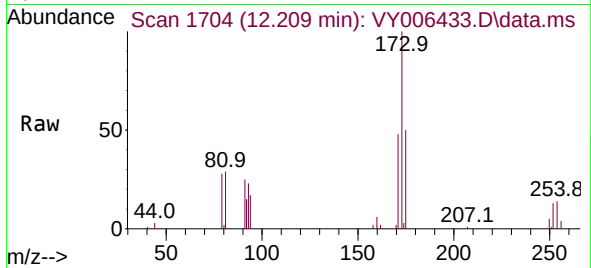
Tgt Ion:104 Resp: 43250
Ion Ratio Lower Upper
104 100
78 52.8 42.6 63.8
103 55.9 44.6 67.0





#71
Bromoform
Concen: 9.978 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

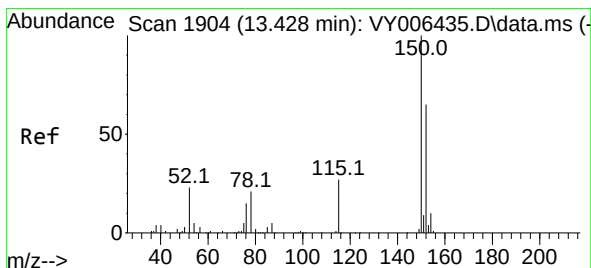
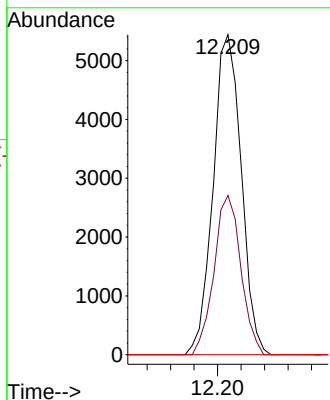
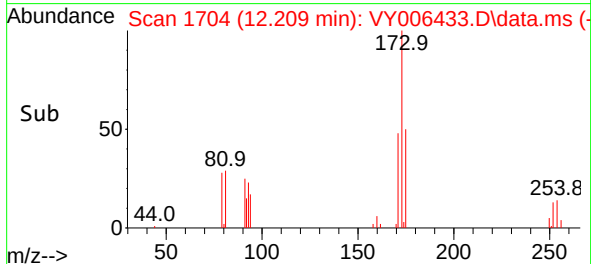
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



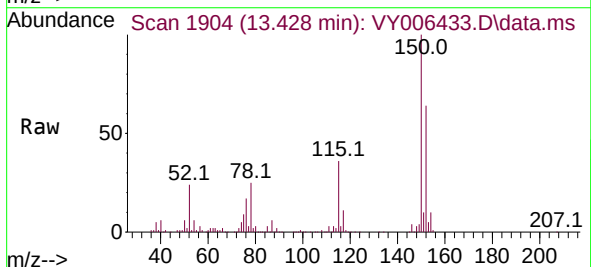
Tgt Ion:173 Resp: 9032
Ion Ratio Lower Upper
173 100
175 47.6 24.8 74.3
254 0.0 0.1 0.1

Manual Integrations
APPROVED

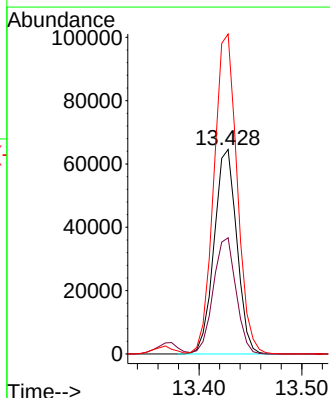
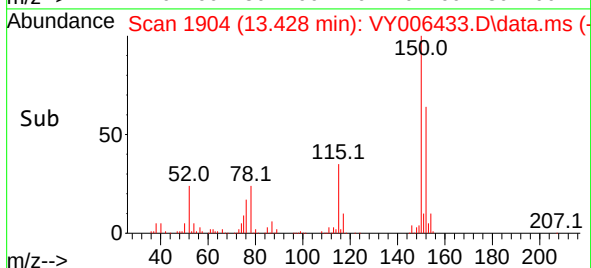
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

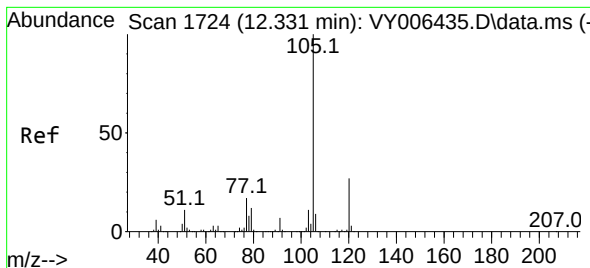


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07



Tgt Ion:152 Resp: 98798
Ion Ratio Lower Upper
152 100
115 56.8 28.5 85.5
150 160.3 0.0 348.2





#73

Isopropylbenzene

Concen: 9.721 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion:105 Resp: 6718

Ion Ratio Lower Upper

105 100

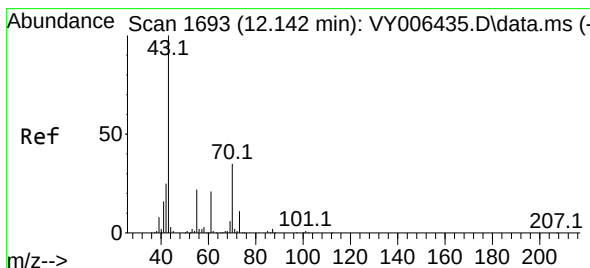
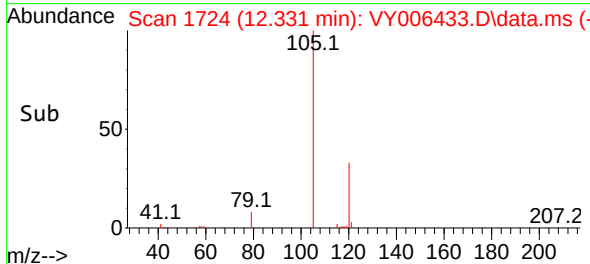
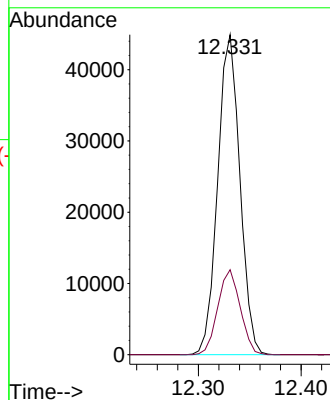
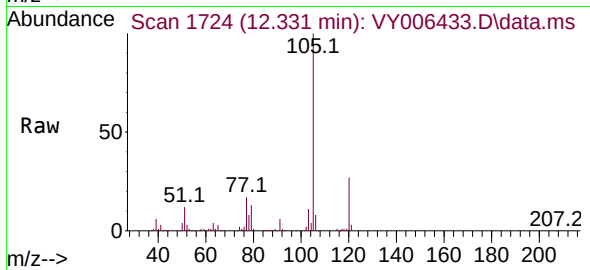
120 26.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#74

N-ethyl acetate

Concen: 9.206 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Tgt Ion: 43 Resp: 21105

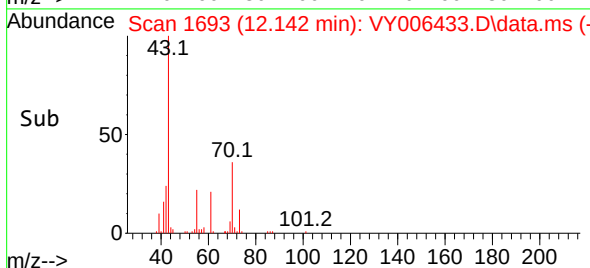
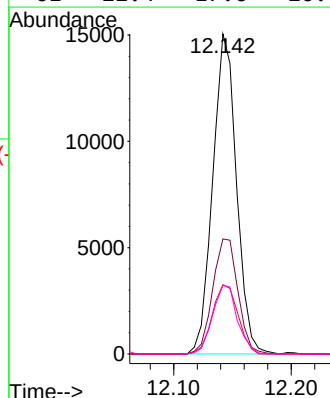
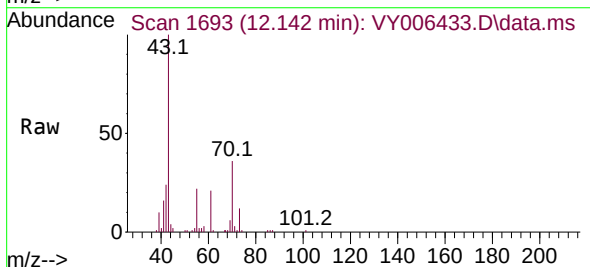
Ion Ratio Lower Upper

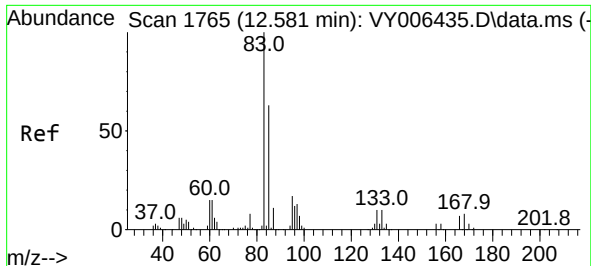
43 100

70 38.2 29.4 44.0

55 23.4 18.1 27.1

61 22.4 17.6 26.4





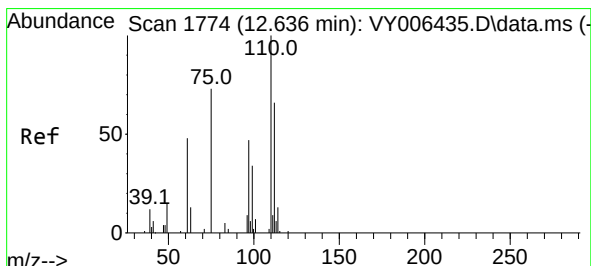
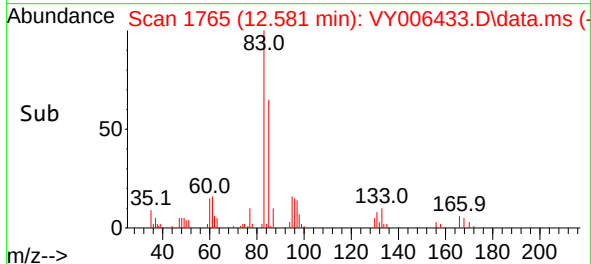
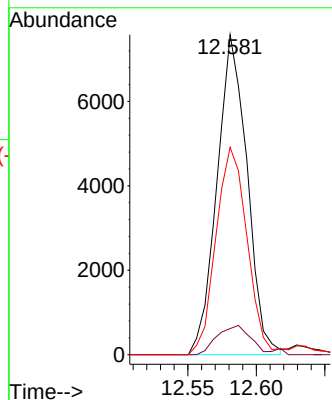
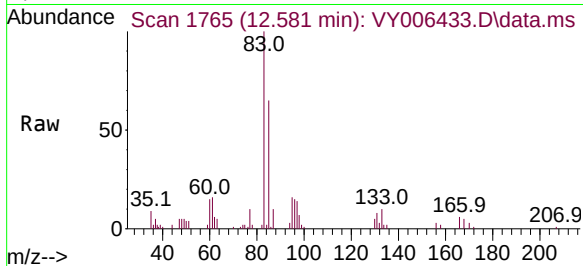
#75
1,1,2,2-Tetrachloroethane
Concen: 9.667 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 11560
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.4
85 67.4 31.9 95.9

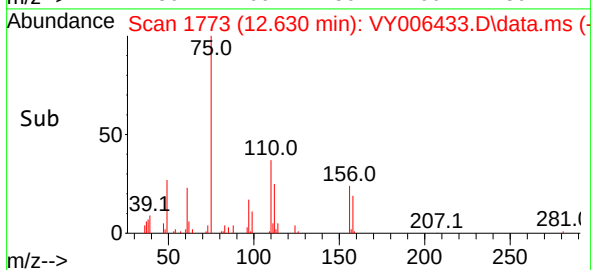
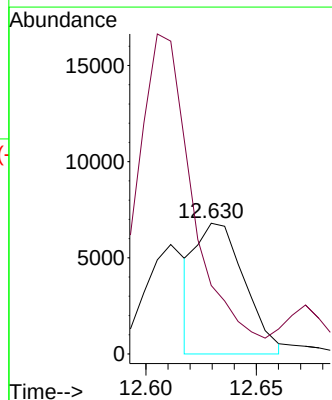
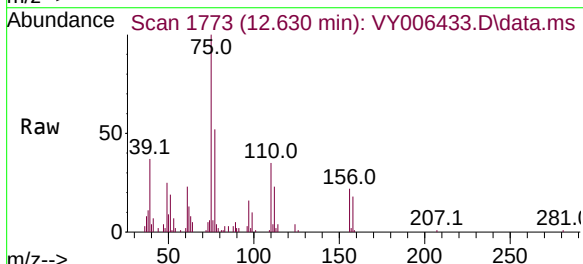
Manual Integrations
APPROVED

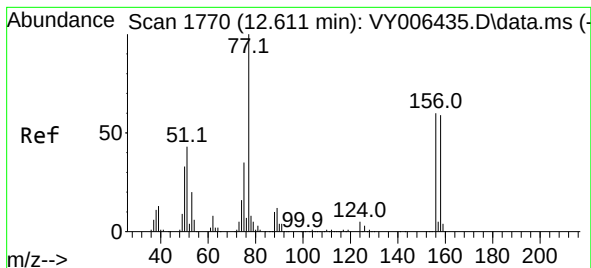
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#76
1,2,3-Trichloropropane
Concen: 19.152 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Tgt Ion: 75 Resp: 10405
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.867 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Instrument :

MSVOA_Y

ClientSampleId :

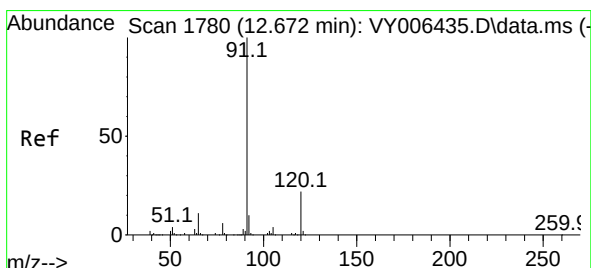
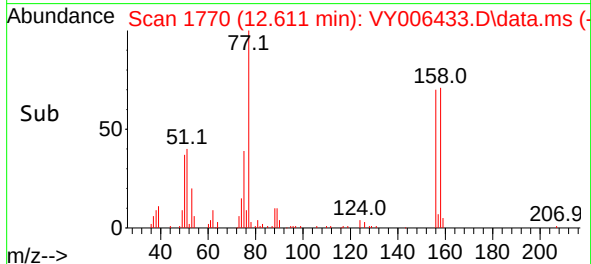
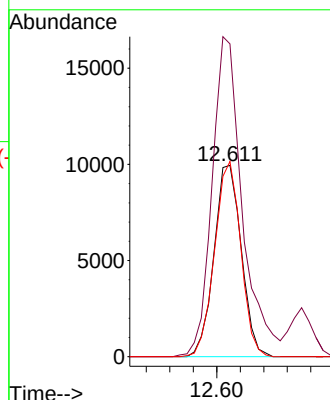
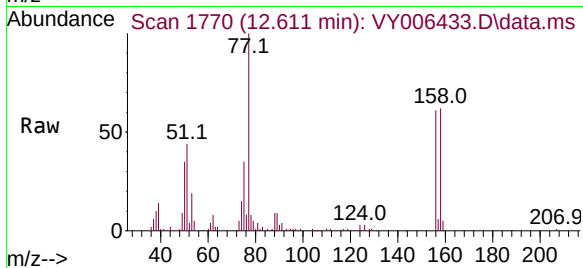
VSTDIC010

Tgt Ion:	156	Resp:	1606
Ion Ratio	Lower	Upper	
156	100		
77	184.8	94.2	282.4
158	97.6	48.6	145.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#78

n-propylbenzene

Concen: 9.816 ug/l

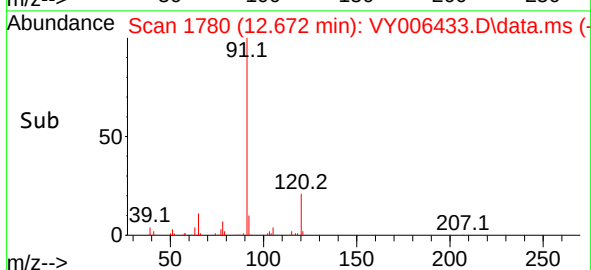
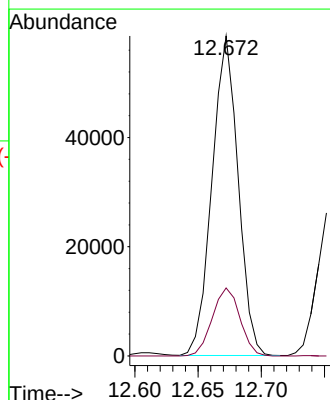
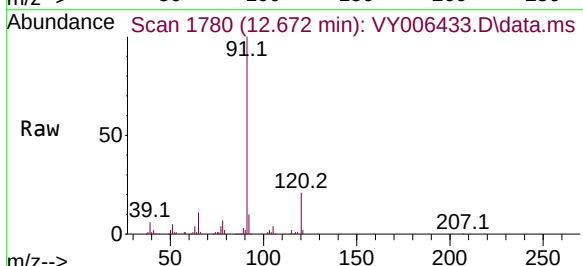
RT: 12.672 min Scan# 1780

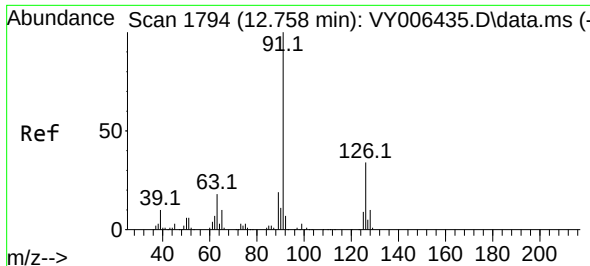
Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Tgt Ion:	91	Resp:	83841
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 9.817 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 91 Resp: 46419

Ion Ratio Lower Upper

91 100

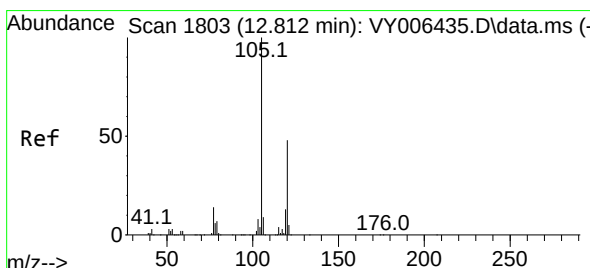
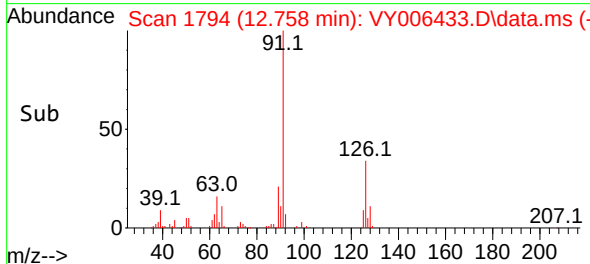
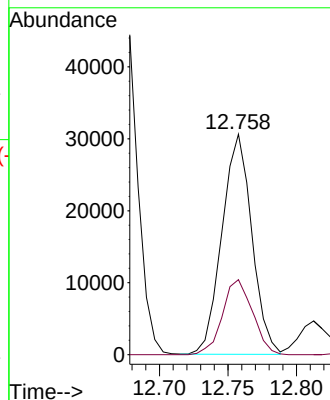
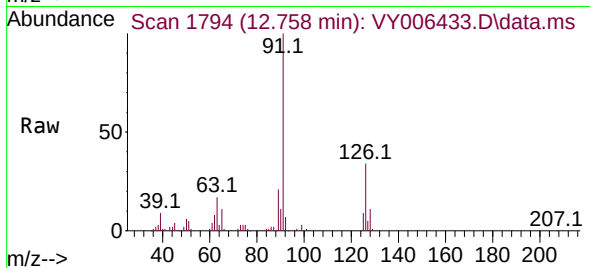
126 34.3 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#80

1,3,5-Trimethylbenzene

Concen: 9.736 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY006433.D

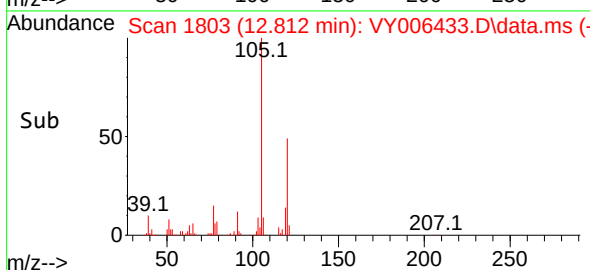
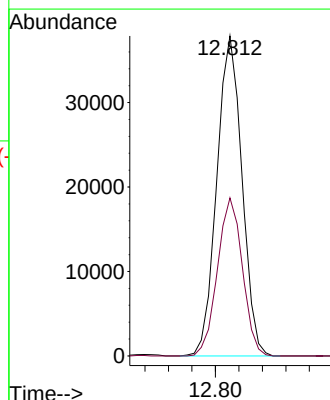
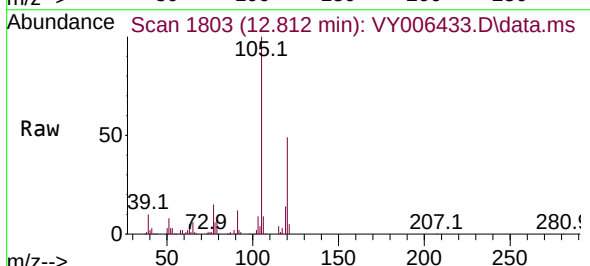
Acq: 22 Oct 2021 12:07

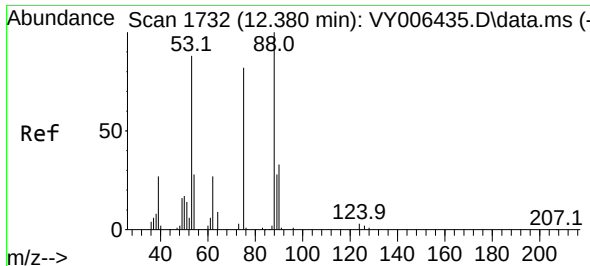
Tgt Ion:105 Resp: 56341

Ion Ratio Lower Upper

105 100

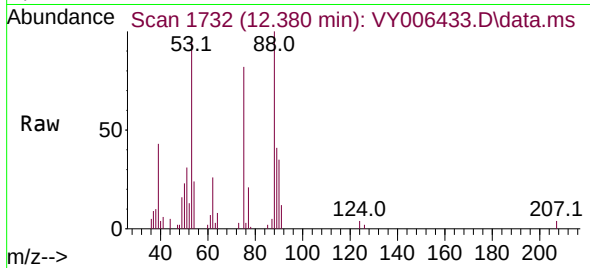
120 49.0 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 9.207 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

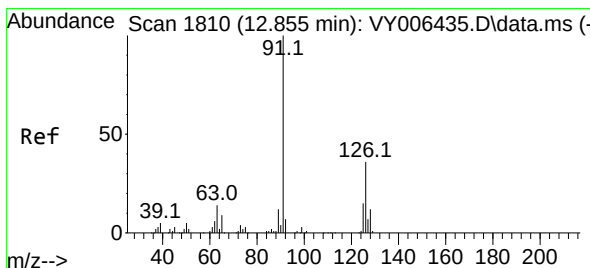
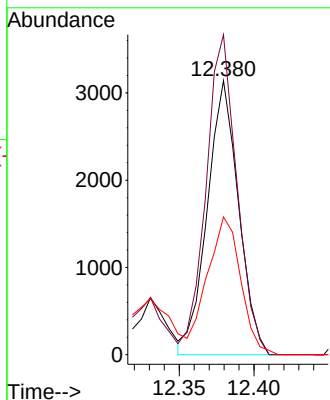
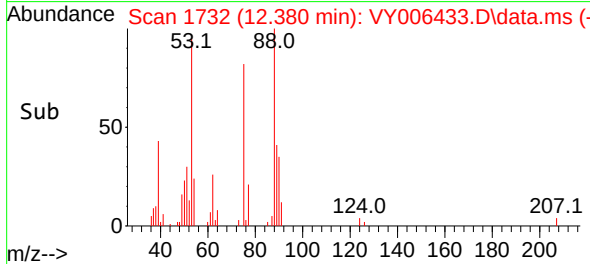
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 4560
Ion Ratio Lower Upper
75 100
53 115.3 85.8 128.6
89 53.5 39.3 58.9

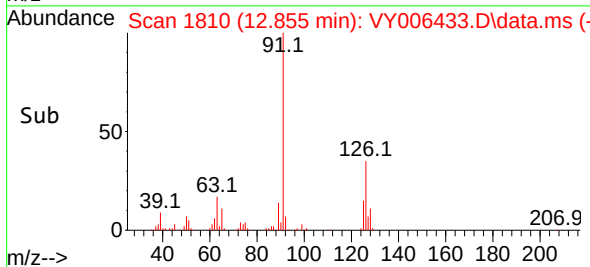
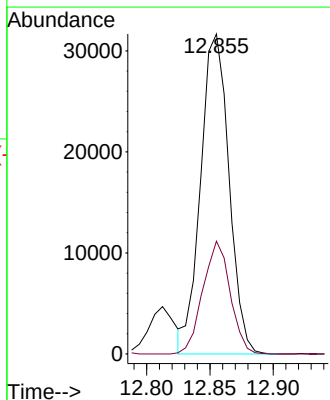
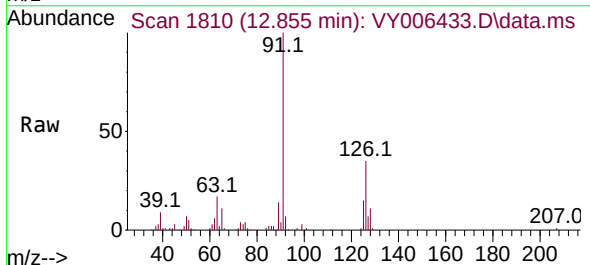
Manual Integrations
APPROVED

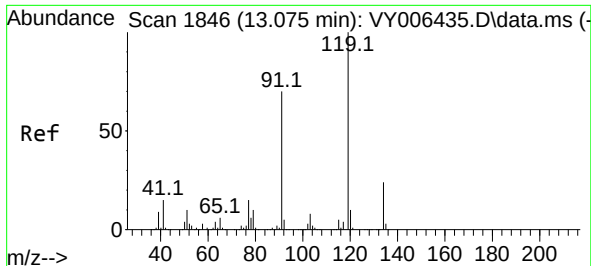
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#82
4-Chlorotoluene
Concen: 10.028 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

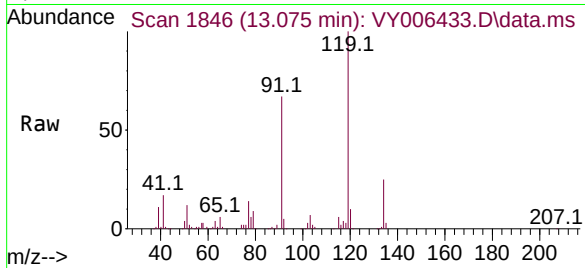
Tgt Ion: 91 Resp: 49406
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.4





#83
tert-Butylbenzene
Concen: 9.908 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

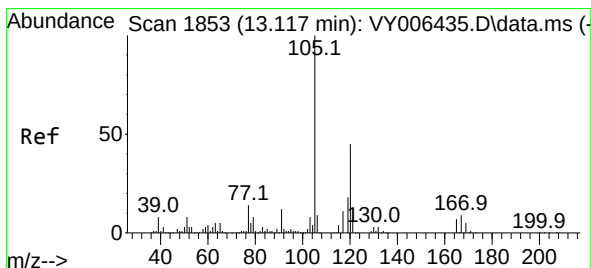
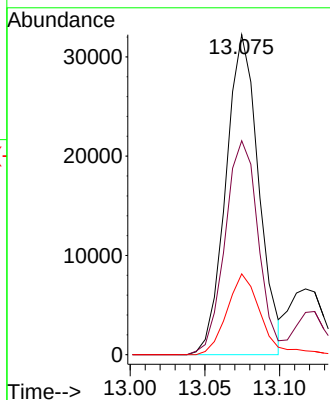
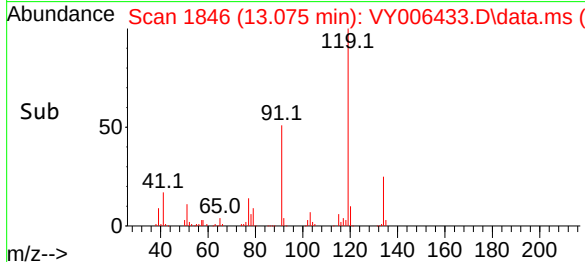
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



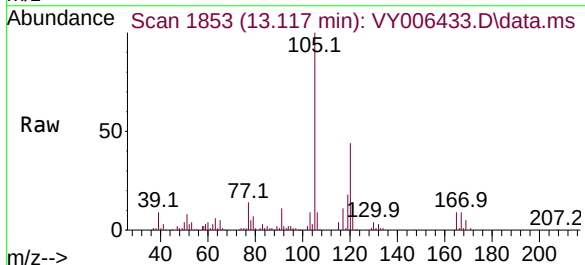
Tgt Ion:119 Resp: 49272
Ion Ratio Lower Upper
119 100
91 67.4 34.8 104.5
134 26.1 13.0 38.9

Manual Integrations
APPROVED

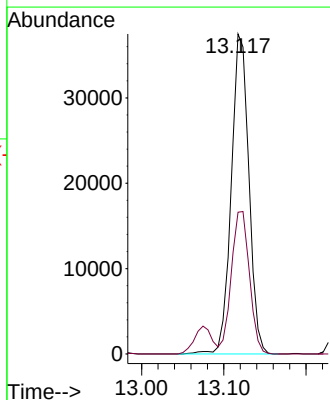
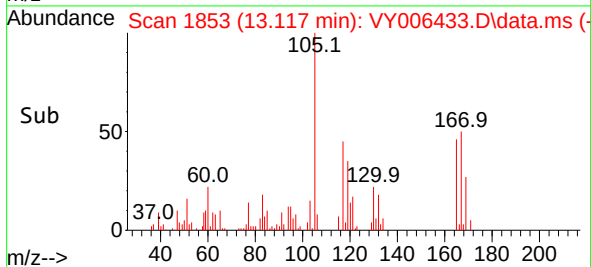
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

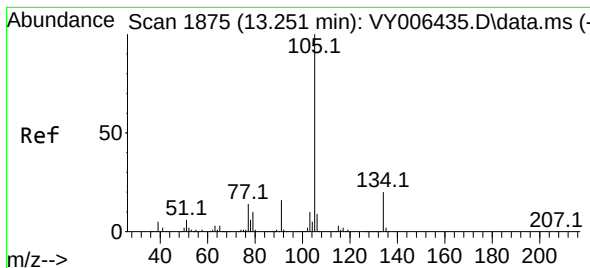


#84
1,2,4-Trimethylbenzene
Concen: 9.641 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07



Tgt Ion:105 Resp: 55782
Ion Ratio Lower Upper
105 100
120 45.9 22.6 67.8





#85

sec-Butylbenzene

Concen: 9.950 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Instrument :

MSVOA_Y

ClientSampleId :

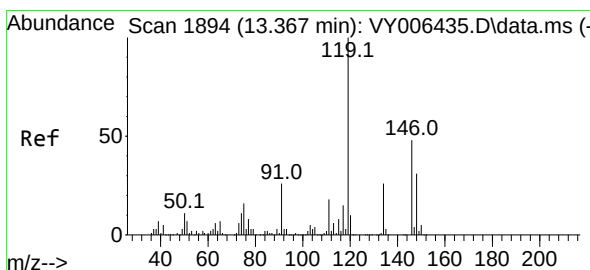
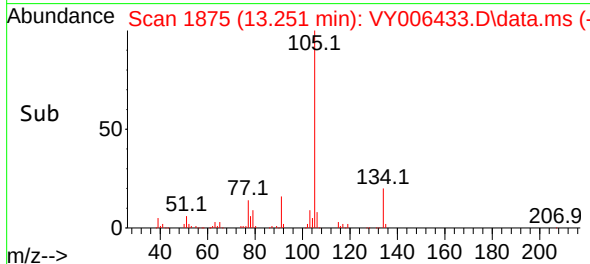
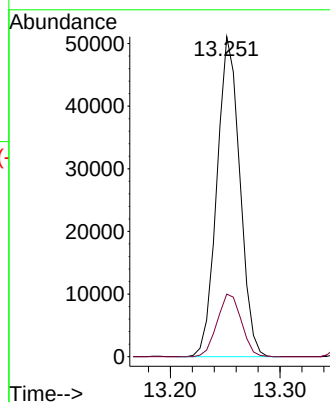
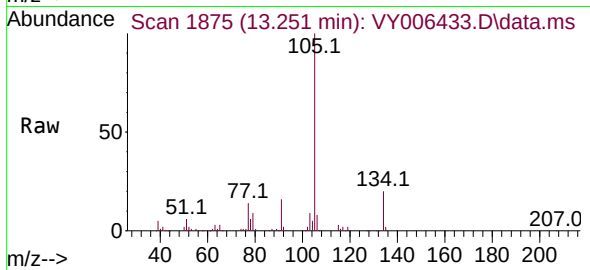
VSTDIC010

Tgt Ion:105 Resp: 7429
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#86

p-Isopropyltoluene

Concen: 9.751 ug/l

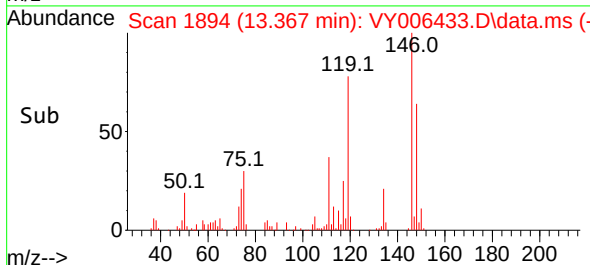
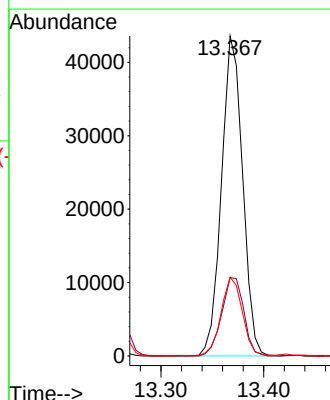
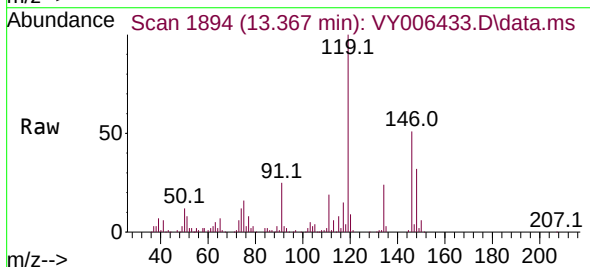
RT: 13.367 min Scan# 1894

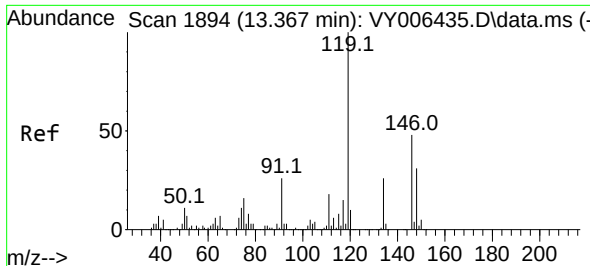
Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Tgt Ion:119 Resp: 62112
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.1
 91 24.8 12.4 37.4





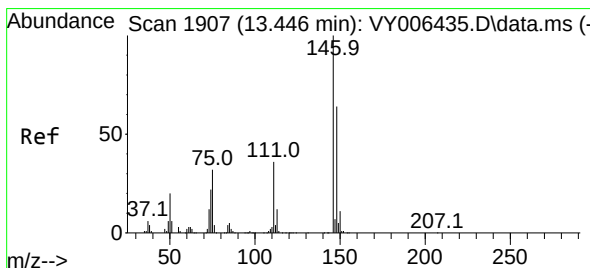
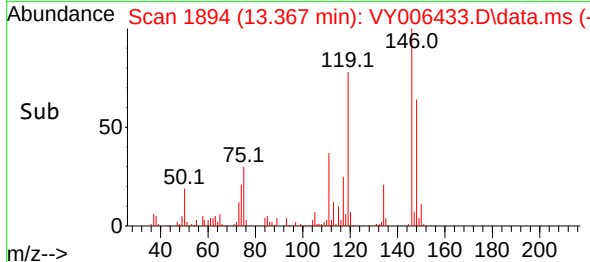
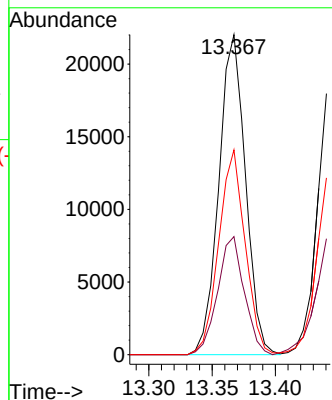
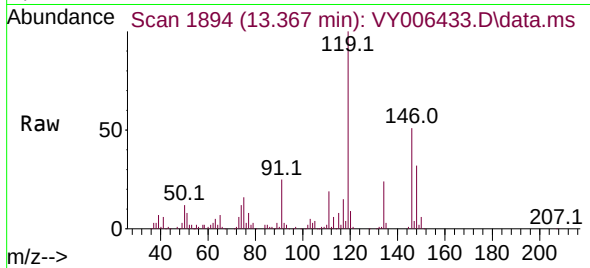
#87
1,3-Dichlorobenzene
Concen: 9.867 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 32244
Ion Ratio Lower Upper
146 100
111 36.9 19.3 57.9
148 63.5 31.9 95.7

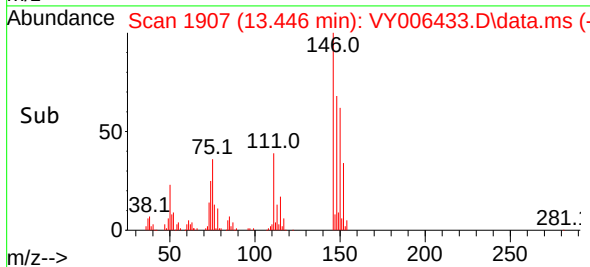
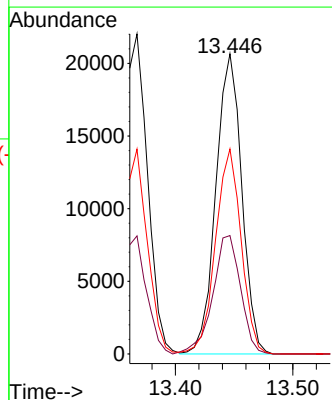
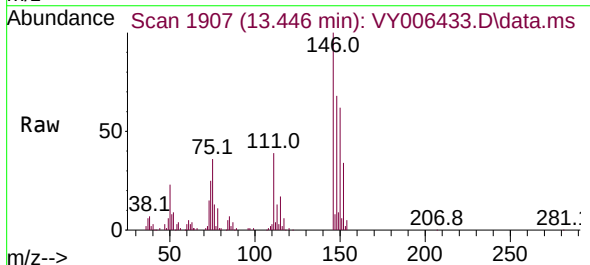
Manual Integrations
APPROVED

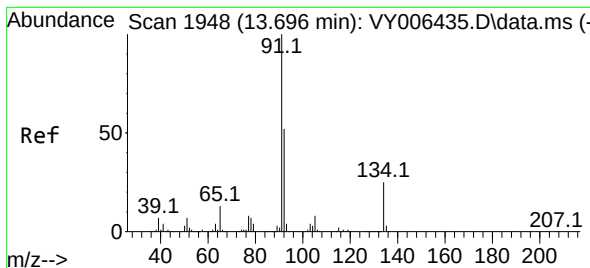
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#88
1,4-Dichlorobenzene
Concen: 9.848 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Tgt Ion:146 Resp: 31642
Ion Ratio Lower Upper
146 100
111 42.3 18.9 56.5
148 67.8 32.0 96.2





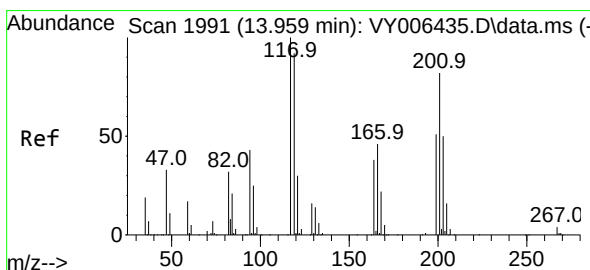
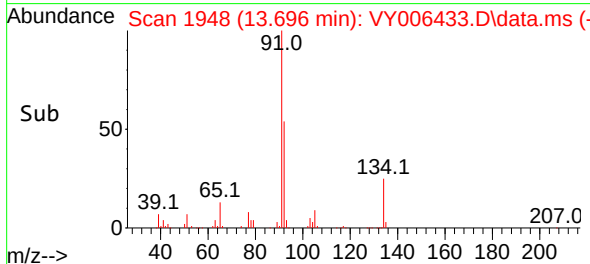
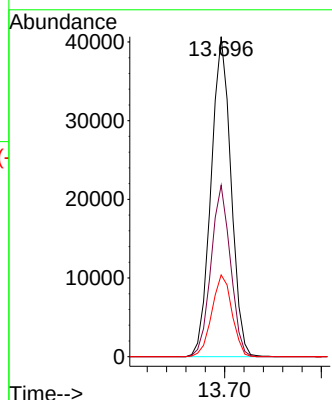
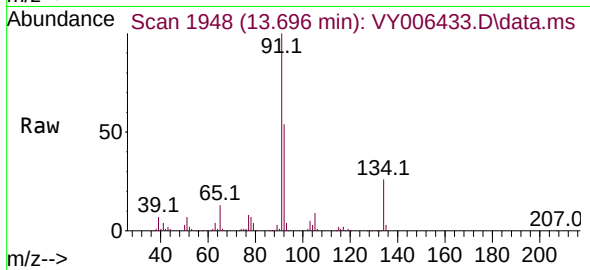
#89
n-Butylbenzene
Concen: 9.733 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 5832
Ion Ratio Lower Upper
91 100
92 52.2 26.3 78.9
134 25.7 12.9 38.7

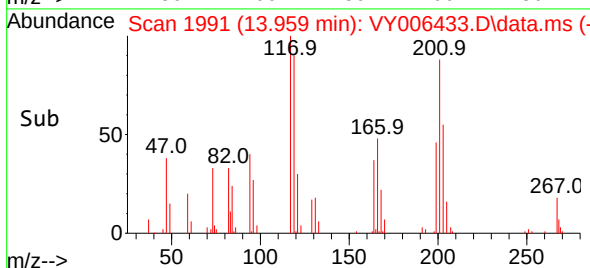
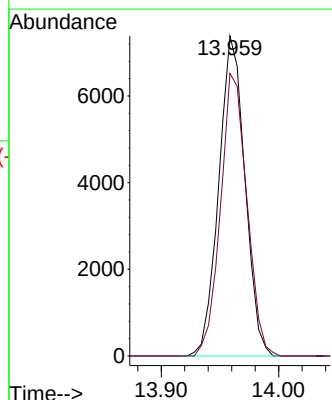
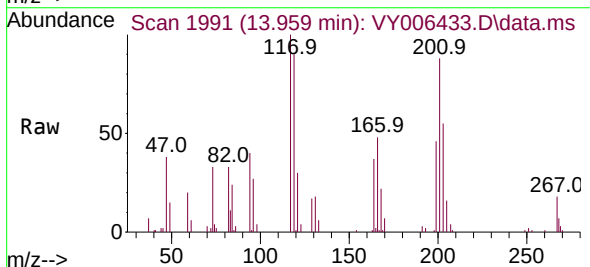
Manual Integrations
APPROVED

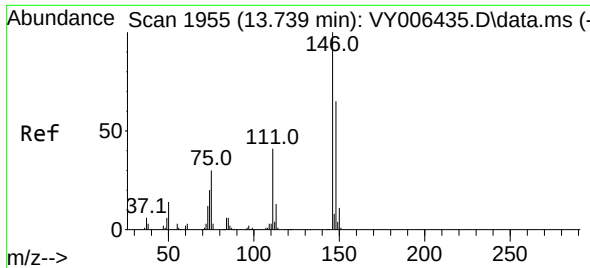
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#90
Hexachloroethane
Concen: 9.920 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY006433.D
Acq: 22 Oct 2021 12:07

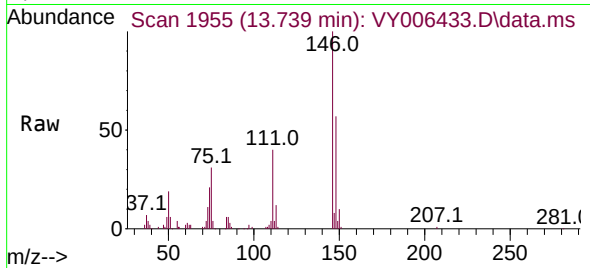
Tgt Ion:117 Resp: 11413
Ion Ratio Lower Upper
117 100
201 89.0 43.4 130.1





#91
 1,2-Dichlorobenzene
 Concen: 10.002 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY006433.D
 Acq: 22 Oct 2021 12:07

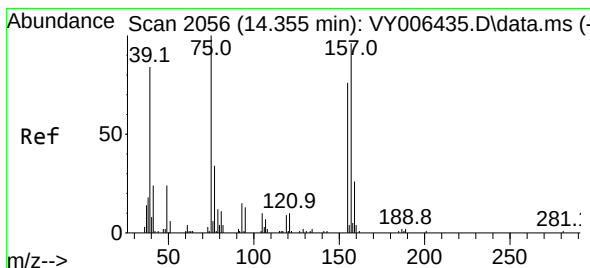
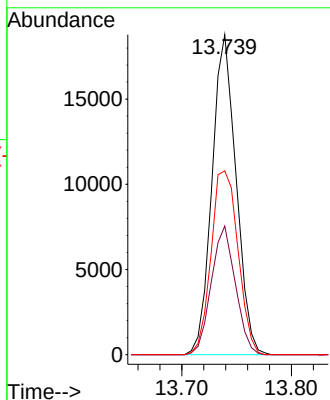
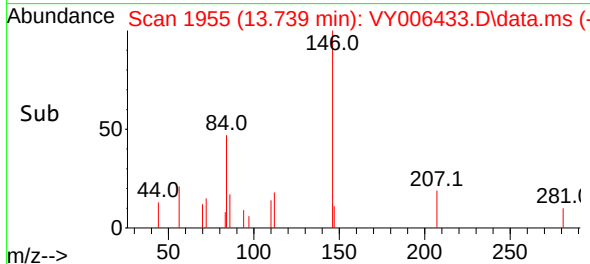
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



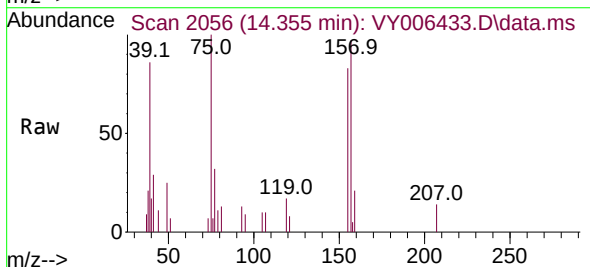
Tgt Ion:146 Resp: 2866
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.1 60.3
 148 64.4 31.9 95.7

Manual Integrations
 APPROVED

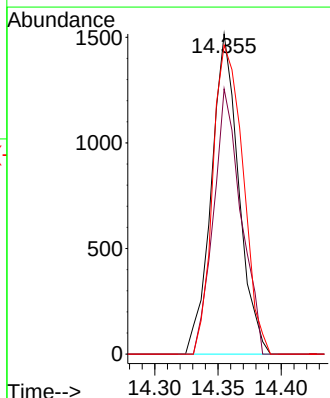
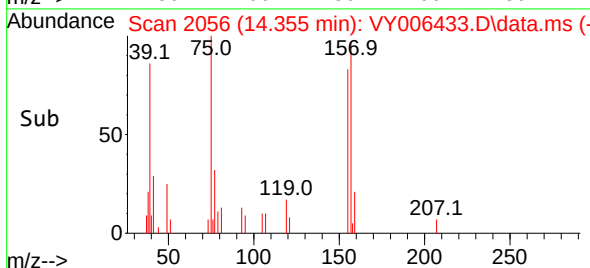
Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

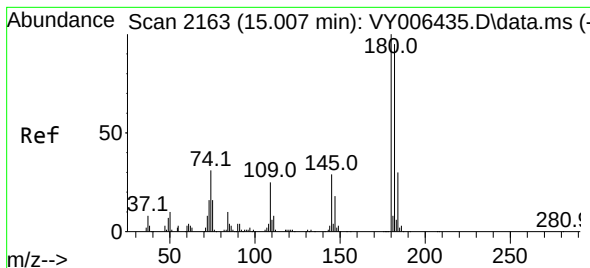


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.980 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY006433.D
 Acq: 22 Oct 2021 12:07



Tgt Ion: 75 Resp: 2281
 Ion Ratio Lower Upper
 75 100
 155 83.2 39.0 116.9
 157 106.5 49.2 147.6





#93

1,2,4-Trichlorobenzene

Concen: 9.669 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Instrument :

MSVOA_Y

ClientSampleId :

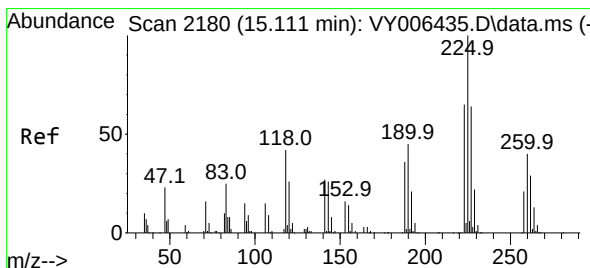
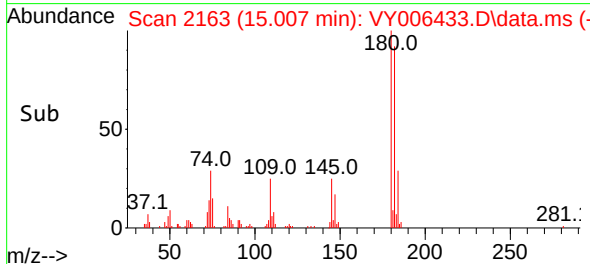
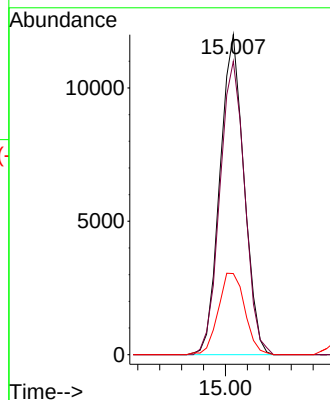
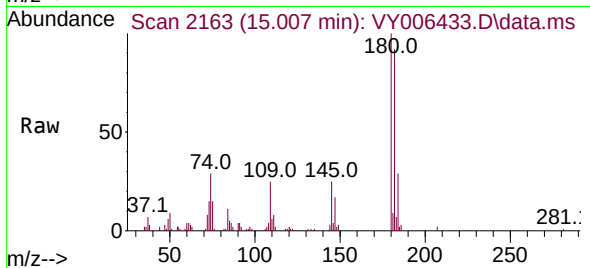
VSTDICC010

Tgt Ion:180	Resp:	1829
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.1 141.4
145	28.1	14.5 43.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#94

Hexachlorobutadiene

Concen: 9.773 ug/l

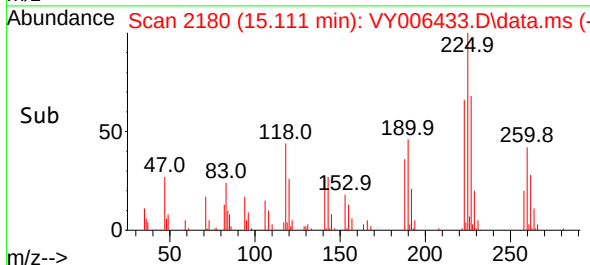
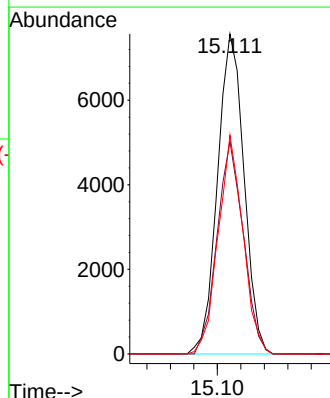
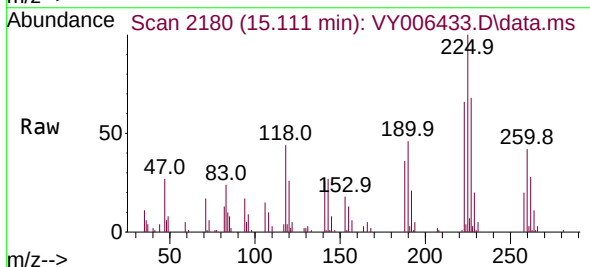
RT: 15.111 min Scan# 2180

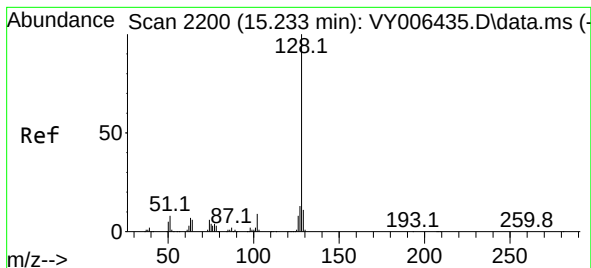
Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Tgt Ion:225	Resp:	11852
Ion Ratio	Lower	Upper
225	100	
223	65.8	31.6 94.7
227	64.0	31.9 95.9





#95

Naphthalene

Concen: 9.170 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Instrument :

MSVOA_Y

ClientSampleId :

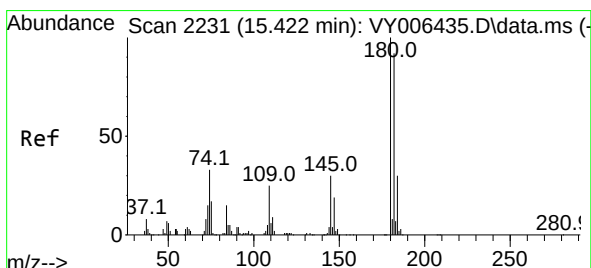
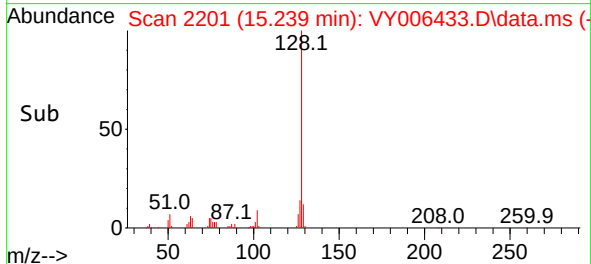
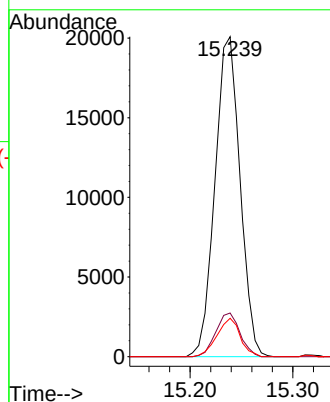
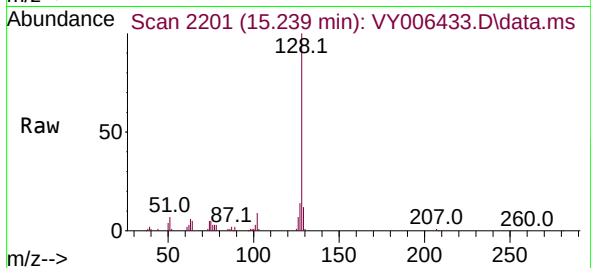
VSTDIC010

Tgt Ion:	128	Resp:	3396
Ion Ratio	Lower	Upper	
128	100		
127	13.2	11.0	16.4
129	11.1	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#96

1,2,3-Trichlorobenzene

Concen: 9.393 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY006433.D

Acq: 22 Oct 2021 12:07

Tgt Ion:	180	Resp:	15565
Ion Ratio	Lower	Upper	
180	100		
182	99.7	47.8	143.4
145	31.3	15.3	45.8

