

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006452.D
 Acq On : 22 Oct 2021 20:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 23 07:25:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 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	127718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	204070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	194422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85530	54.420	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.840%			
35) Dibromofluoromethane	7.722	113	59546	52.351	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.700%			
50) Toluene-d8	10.185	98	251918	52.246	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.500%			
62) 4-Bromofluorobenzene	12.483	95	85107	52.398	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	61482	52.077	ug/l	98
3) Chloromethane	2.113	50	92920	58.310	ug/l	100
4) Vinyl Chloride	2.253	62	98446	55.316	ug/l	98
5) Bromomethane	2.656	94	71800	60.556	ug/l	98
6) Chloroethane	2.802	64	60878	57.927	ug/l	94
7) Trichlorofluoromethane	3.131	101	123785	54.776	ug/l	98
8) Diethyl Ether	3.534	74	46774	63.200	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	66320	57.644	ug/l	97
10) Methyl Iodide	4.101	142	56083	45.129	ug/l	99
11) Tert butyl alcohol	4.966	59	39378	275.797	ug/l	100
12) 1,1-Dichloroethene	3.881	96	66799	57.932	ug/l	92
13) Acrolein	3.741	56	25706	260.429	ug/l	98
14) Allyl chloride	4.485	41	153066	64.497	ug/l	97
15) Acrylonitrile	5.174	53	131723	316.053	ug/l	99
16) Acetone	3.954	43	102891	227.358	ug/l	100
17) Carbon Disulfide	4.198	76	235329	62.224	ug/l	100
18) Methyl Acetate	4.485	43	97171	66.216	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	232433	62.875	ug/l	99
20) Methylene Chloride	4.728	84	91552	66.498	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	78017	59.664	ug/l	95
22) Diisopropyl ether	6.125	45	312772	66.127	ug/l	96
23) Vinyl Acetate	6.064	43	924799	321.471	ug/l	99
24) 1,1-Dichloroethane	6.021	63	155012	62.677	ug/l	99
25) 2-Butanone	6.990	43	152608	257.399	ug/l	98
26) 2,2-Dichloropropane	6.990	77	114678	48.750	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	80446	53.890	ug/l	99
28) Bromochloromethane	7.338	49	53327	53.144	ug/l	97
29) Tetrahydrofuran	7.350	42	103881	285.590	ug/l	97
30) Chloroform	7.515	83	136437	53.419	ug/l	98
31) Cyclohexane	7.789	56	127738	50.205	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	123250	52.261	ug/l	100
36) 1,1-Dichloropropene	7.923	75	102061	50.616	ug/l	98
37) Ethyl Acetate	7.082	43	69393	54.380	ug/l	100
38) Carbon Tetrachloride	7.905	117	109652	49.296	ug/l	98
39) Methylcyclohexane	9.185	83	122273	49.814	ug/l	98
40) Benzene	8.167	78	302191	52.546	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	37928m	52.380	ug/l	
42) 1,2-Dichloroethane	8.240	62	107254	52.225	ug/l	99
43) Isopropyl Acetate	8.277	43	135034	54.547	ug/l	99
44) Trichloroethene	8.941	130	77217	52.062	ug/l	99
45) 1,2-Dichloropropane	9.222	63	75919	53.296	ug/l	100
46) Dibromomethane	9.307	93	41643	53.257	ug/l	97
47) Bromodichloromethane	9.502	83	106524	52.369	ug/l	96
48) Methyl methacrylate	9.295	41	62677	54.628	ug/l	98
49) 1,4-Dioxane	9.301	88	10676	1005.694	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	359786	277.250	ug/l	99
52) Toluene	10.246	92	186900	51.798	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	116871	53.334	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	124786	52.561	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	56845	52.580	ug/l	96
56) Ethyl methacrylate	10.514	69	91861	54.999	ug/l	99
57) 1,3-Dichloropropane	10.794	76	104132	52.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	194376	255.110	ug/l	100
59) 2-Hexanone	10.831	43	252819	269.184	ug/l	100
60) Dibromochloromethane	10.990	129	70521	52.882	ug/l	99
61) 1,2-Dibromoethane	11.093	107	53843	52.898	ug/l	99
64) Tetrachloroethene	10.721	164	88730	52.193	ug/l	99
65) Chlorobenzene	11.520	112	192845	50.966	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	73839	51.838	ug/l	100
67) Ethyl Benzene	11.593	91	369378	51.268	ug/l	100
68) m/p-Xylenes	11.703	106	278023	102.574	ug/l	99
69) o-Xylene	12.032	106	133134	51.476	ug/l	100
70) Styrene	12.044	104	229815	51.970	ug/l	99
71) Bromoform	12.209	173	46178	51.286	ug/l #	98
73) Isopropylbenzene	12.331	105	349588	51.237	ug/l	99
74) N-amyl acetate	12.142	43	124271	54.905	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	61326	51.917	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	57312m	57.020	ug/l	
77) Bromobenzene	12.611	156	82746	51.475	ug/l	98
78) n-propylbenzene	12.672	91	429159	50.896	ug/l	100
79) 2-Chlorotoluene	12.758	91	240665	51.555	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	294433	51.536	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	25150	51.369	ug/l	97
82) 4-Chlorotoluene	12.855	91	255479	52.523	ug/l	98
83) tert-Butylbenzene	13.075	119	247880	50.490	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	296608	51.923	ug/l	99
85) sec-Butylbenzene	13.251	105	373053	50.606	ug/l	100
86) p-Isopropyltoluene	13.367	119	315041	50.094	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	163649	50.724	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	163067	51.405	ug/l	99
89) n-Butylbenzene	13.696	91	299435	50.615	ug/l	99
90) Hexachloroethane	13.965	117	58917	51.872	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	146121	51.636	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13701	54.636	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	95648	51.200	ug/l	99
94) Hexachlorobutadiene	15.111	225	57222	47.792	ug/l	99
95) Naphthalene	15.239	128	198511	54.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	85639	52.348	ug/l	99

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

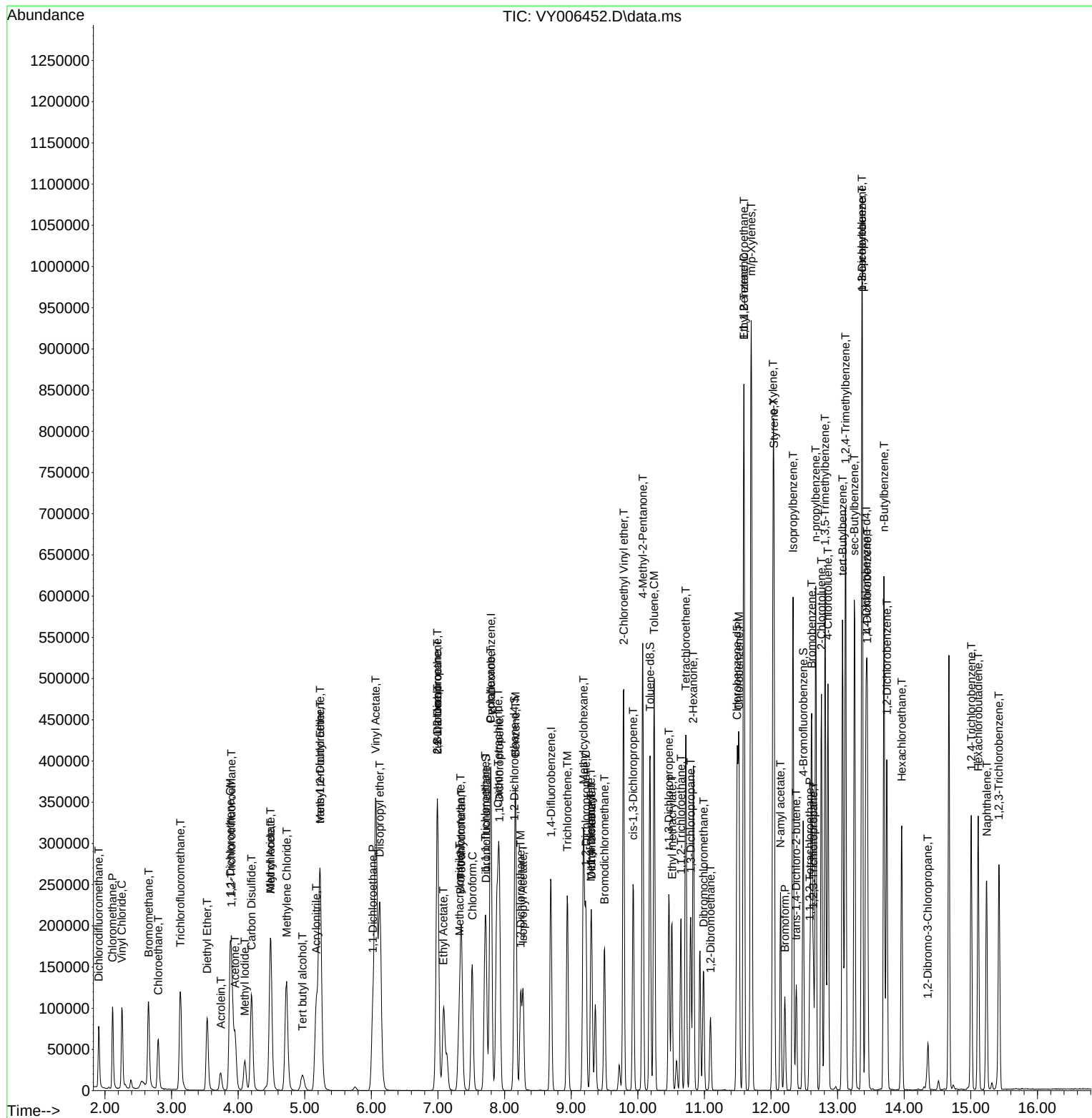
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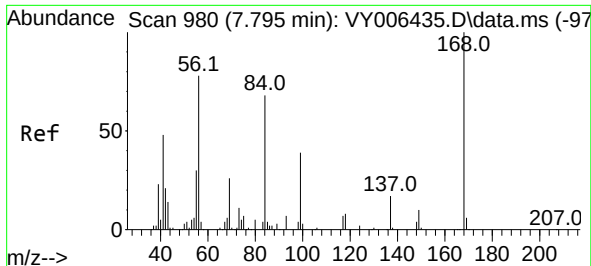
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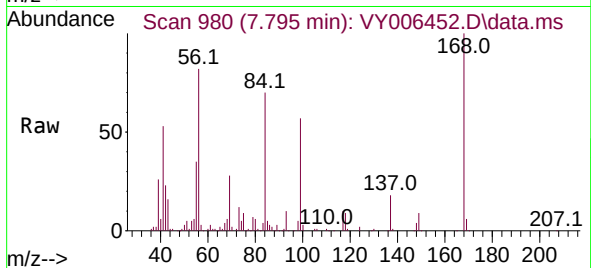
Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006452.D
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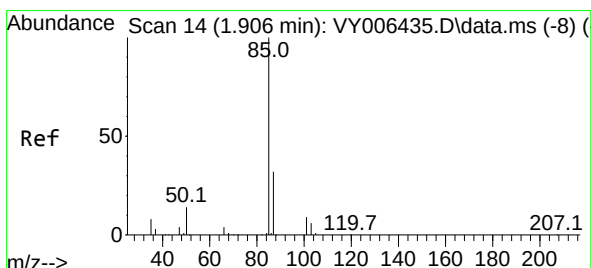
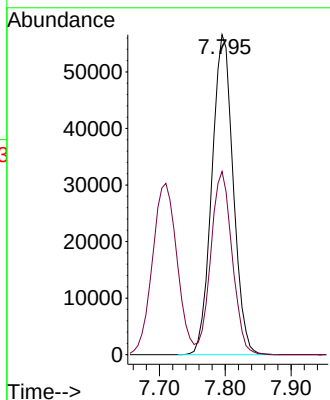
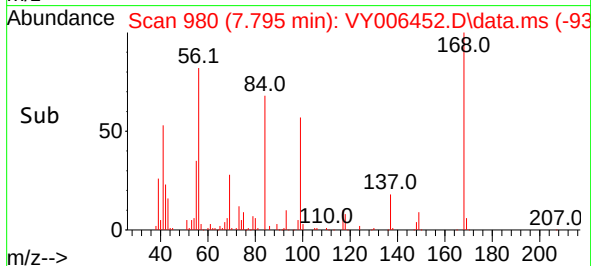
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MSVOA_Y
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Tgt Ion:168 Resp: 127718
Ion Ratio Lower Upper
168 100
99 57.2 44.8 67.2

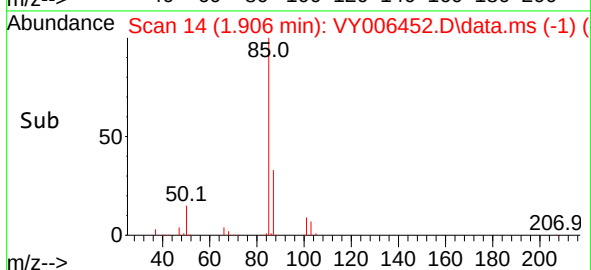
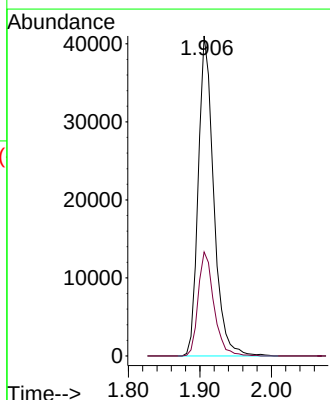
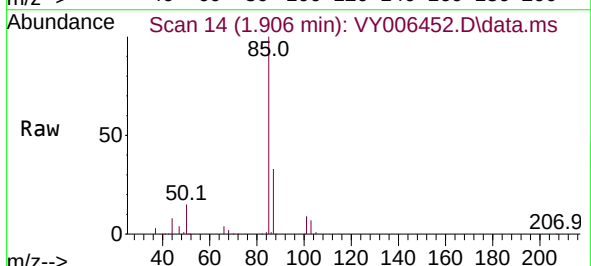
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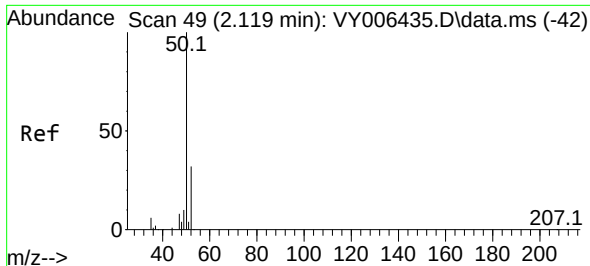
Reviewed By :Vimala Arumugam 10/25/2021
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#2
Dichlorodifluoromethane
Concen: 52.077 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

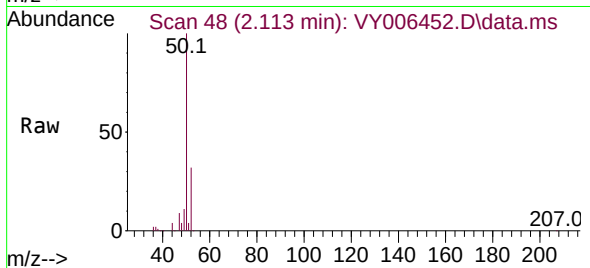
Tgt Ion: 85 Resp: 61482
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.3





#3
Chloromethane
Concen: 58.310 ug/l
RT: 2.113 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

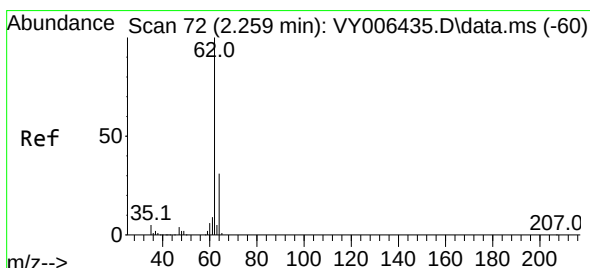
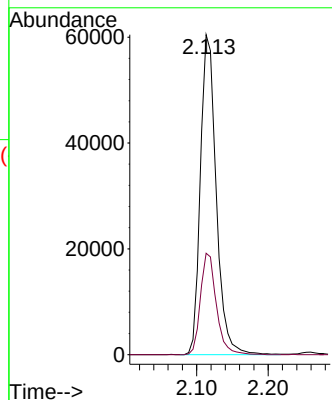
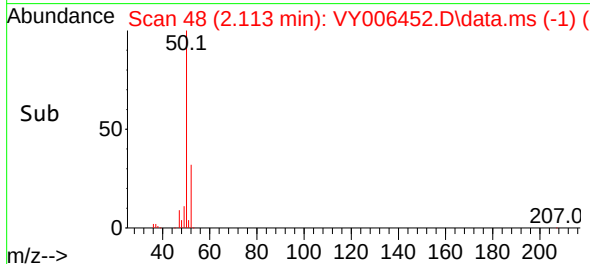
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Tgt Ion: 50 Resp: 92920
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2

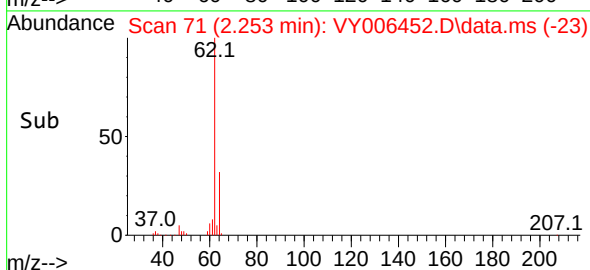
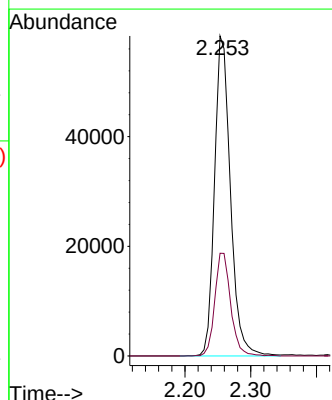
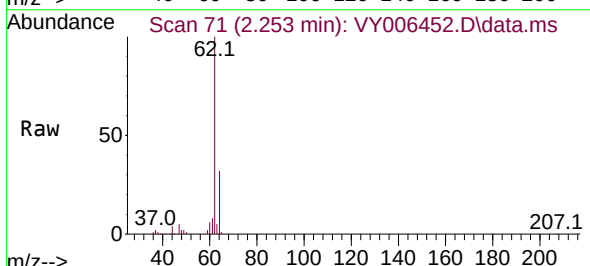
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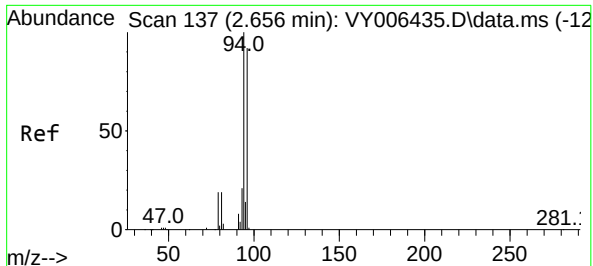
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#4
Vinyl Chloride
Concen: 55.316 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

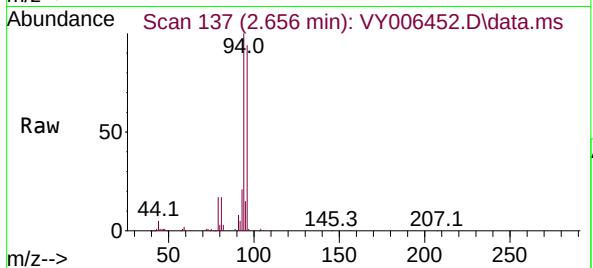
Tgt Ion: 62 Resp: 98446
Ion Ratio Lower Upper
62 100
64 32.1 24.7 37.1





#5
Bromomethane
Concen: 60.556 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

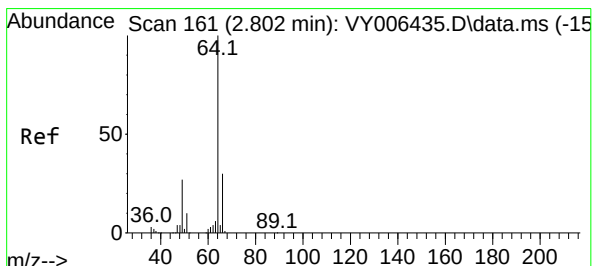
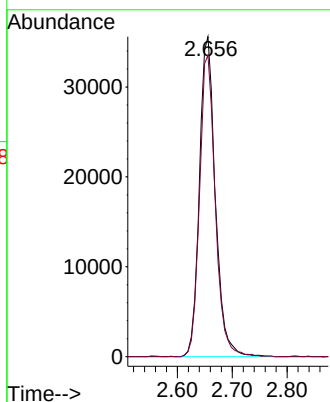
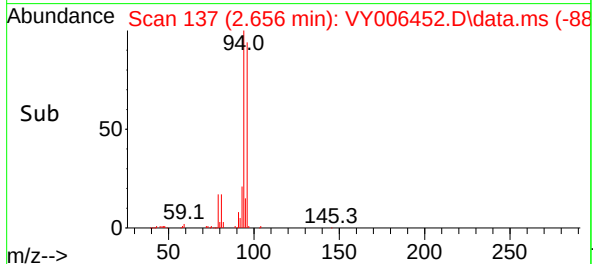
Instrument :
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Tgt Ion: 94 Resp: 71800
Ion Ratio Lower Upper
94 100
96 94.2 73.5 110.3

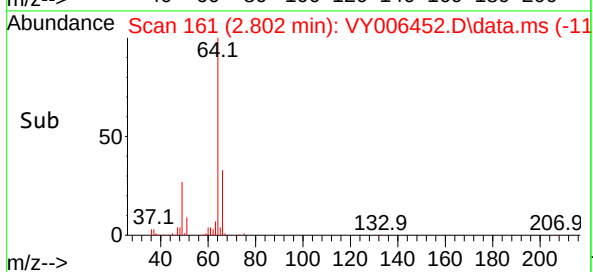
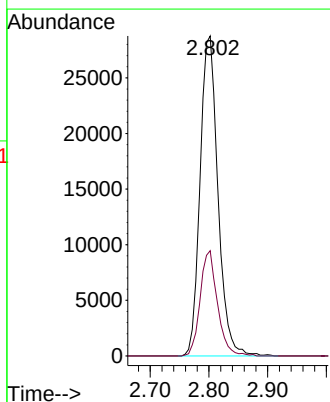
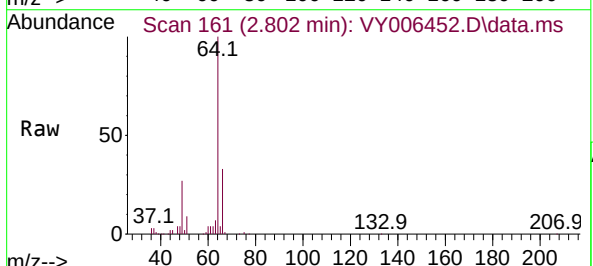
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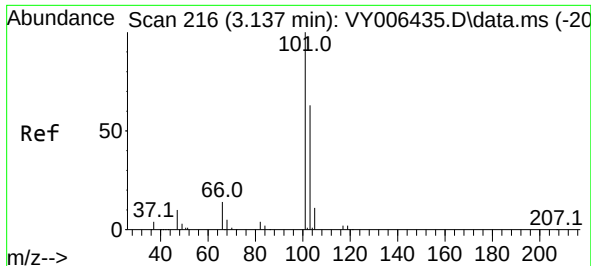
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#6
Chloroethane
Concen: 57.927 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Tgt Ion: 64 Resp: 60878
Ion Ratio Lower Upper
64 100
66 32.9 23.8 35.6





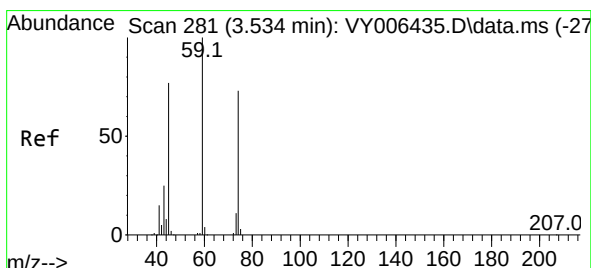
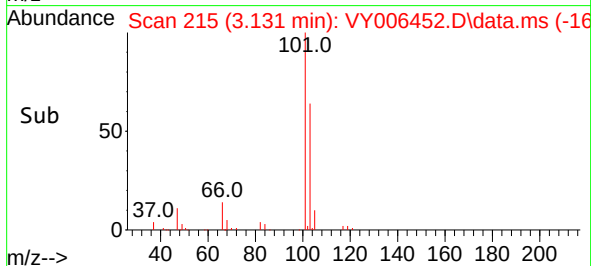
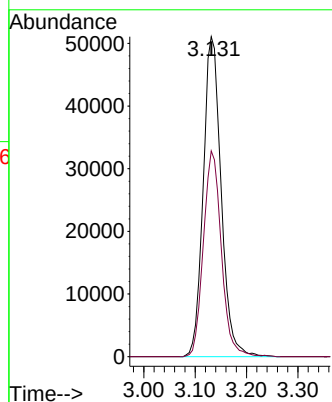
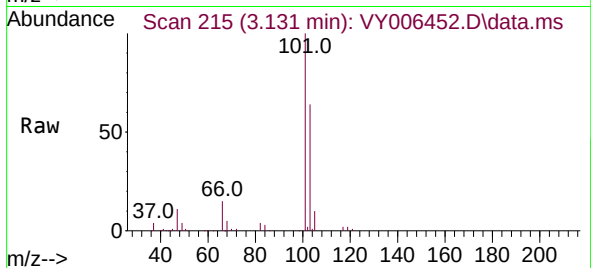
#7
Trichlorofluoromethane
Concen: 54.776 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Instrument :
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Tgt Ion:101 Resp: 12378
Ion Ratio Lower Upper
101 100
103 64.3 50.2 75.2

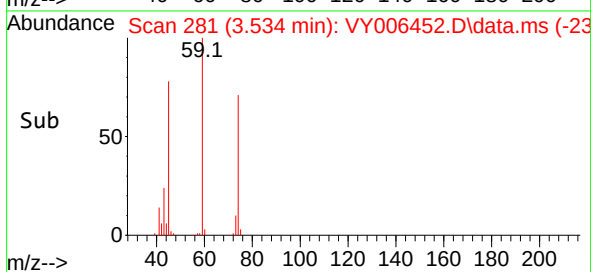
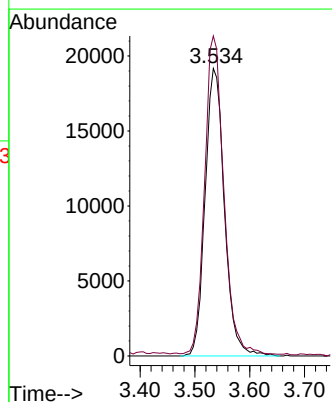
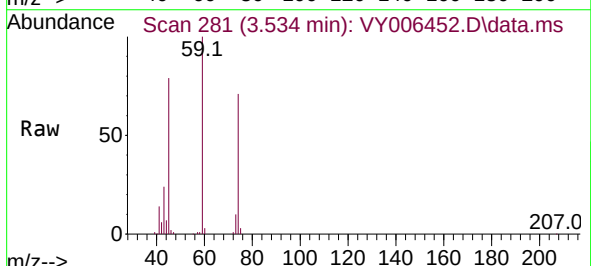
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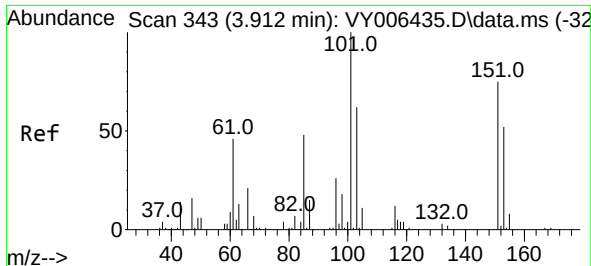
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#8
Diethyl Ether
Concen: 63.200 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Tgt Ion: 74 Resp: 46774
Ion Ratio Lower Upper
74 100
45 109.7 52.8 158.3





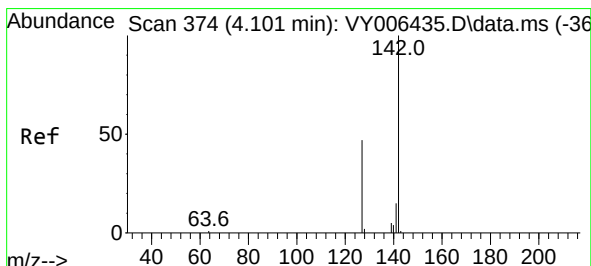
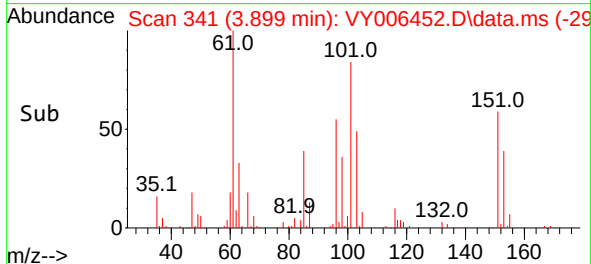
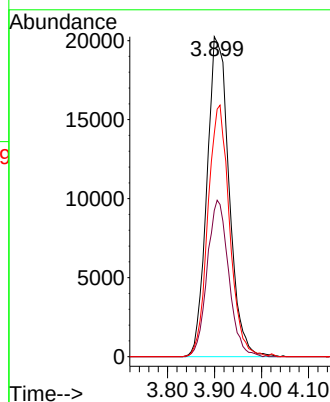
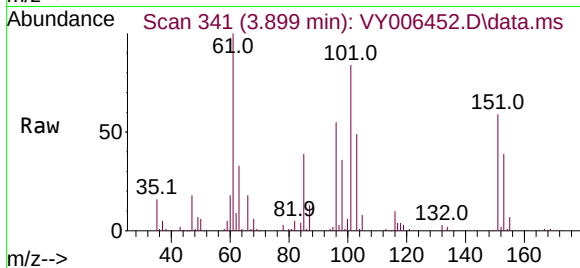
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.644 ug/l
RT: 3.899 min Scan# 343
Delta R.T. -0.012 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 66320
Ion Ratio Lower Upper
101 100
85 47.5 38.6 57.8
151 76.6 64.0 96.0

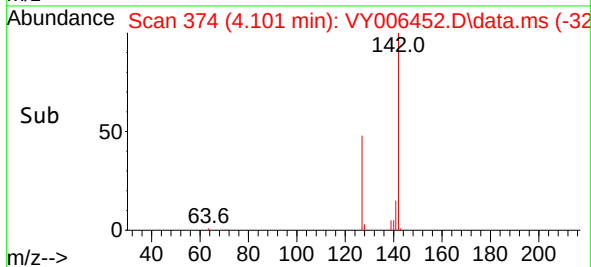
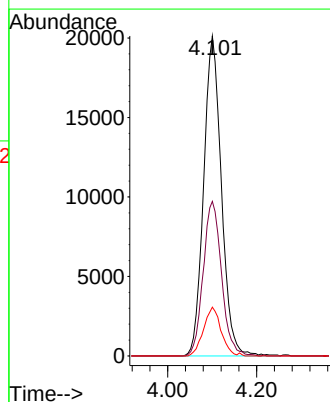
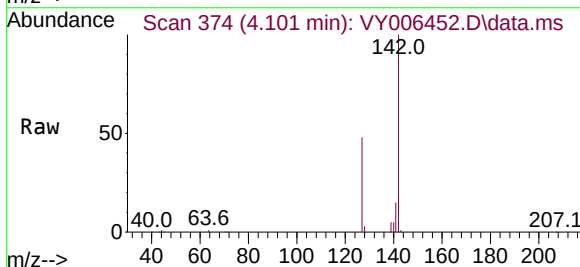
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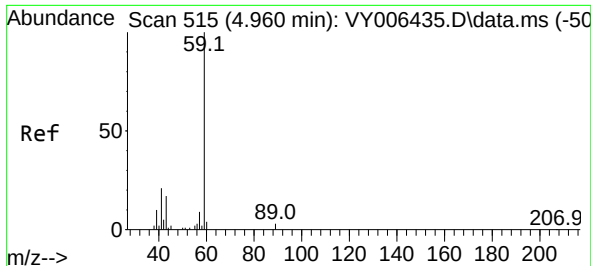
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#10
Methyl Iodide
Concen: 45.129 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Tgt Ion:142 Resp: 56083
Ion Ratio Lower Upper
142 100
127 49.8 40.1 60.1
141 15.0 12.5 18.7





#11

Tert butyl alcohol

Concen: 275.797 ug/l

RT: 4.966 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 39378

Ion Ratio Lower Upper

59 100

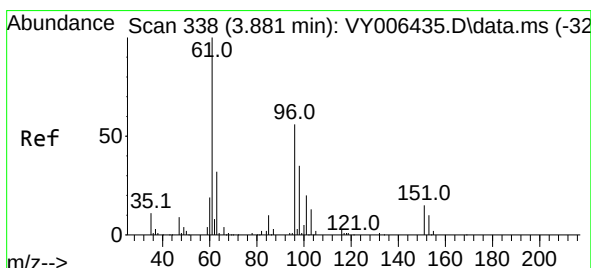
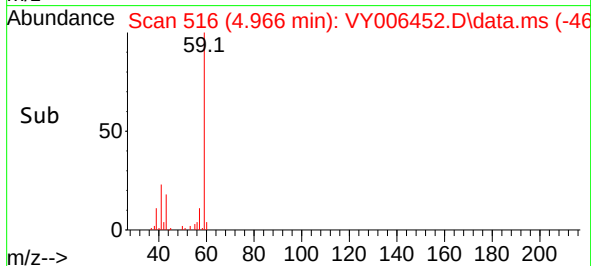
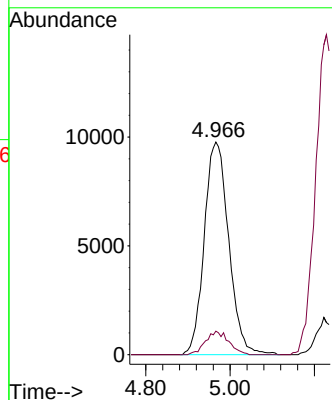
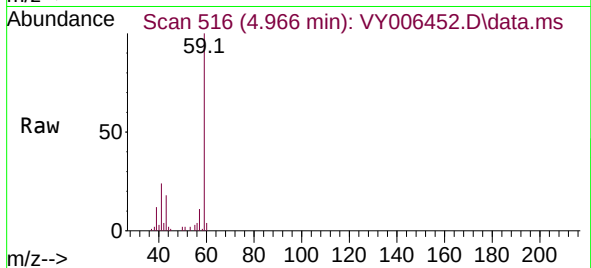
57 10.4 8.2 12.4

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Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#12

1,1-Dichloroethene

Concen: 57.932 ug/l

RT: 3.881 min Scan# 338

Delta R.T. -0.000 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

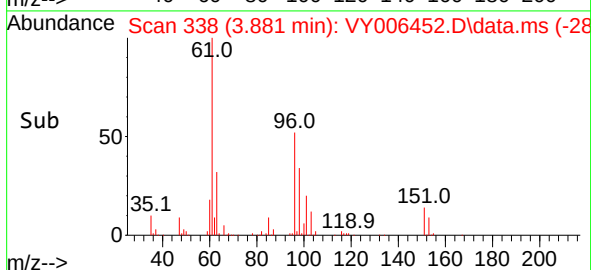
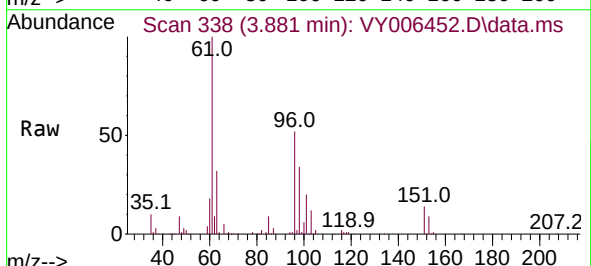
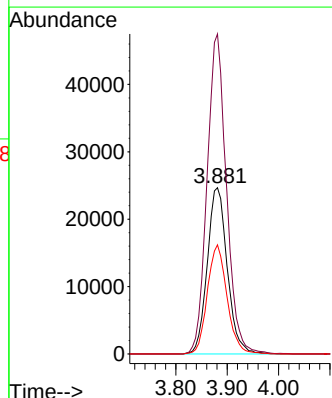
Tgt Ion: 96 Resp: 66799

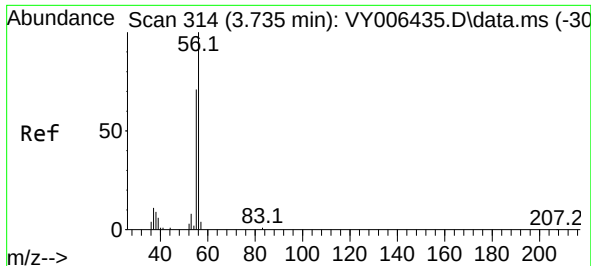
Ion Ratio Lower Upper

96 100

61 192.5 143.0 214.6

98 65.6 50.5 75.7





#13

Acrolein

Concen: 260.429 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 25700

Ion Ratio Lower Upper

56 100

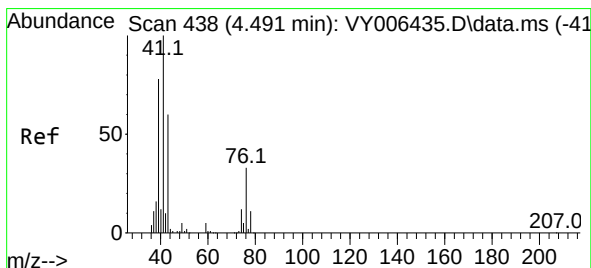
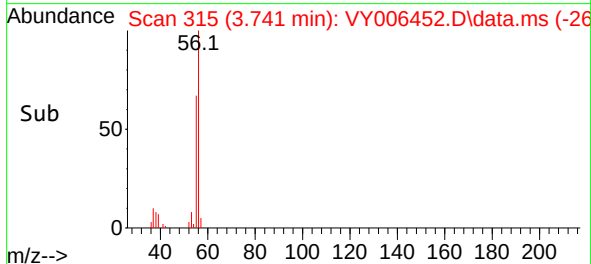
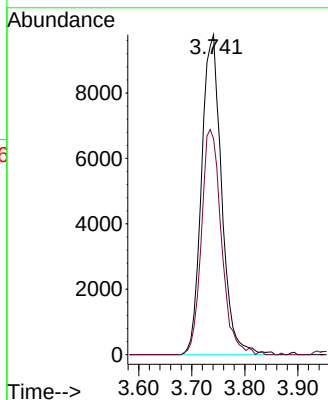
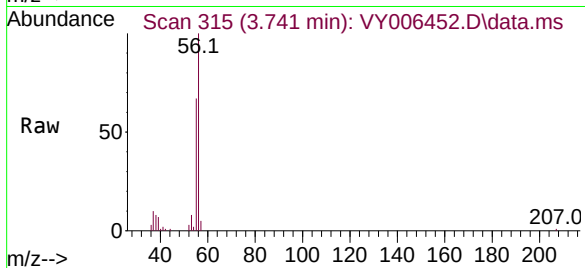
55 70.0 57.1 85.7

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Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#14

Allyl chloride

Concen: 64.497 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

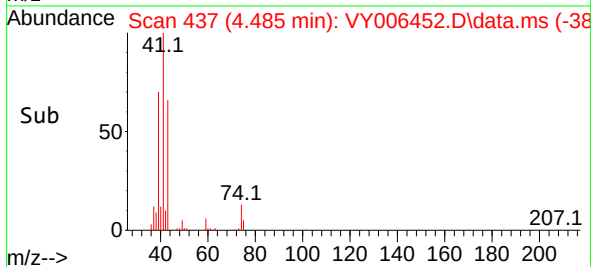
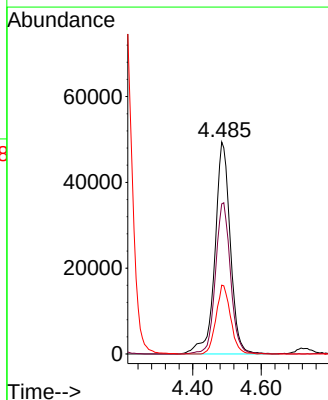
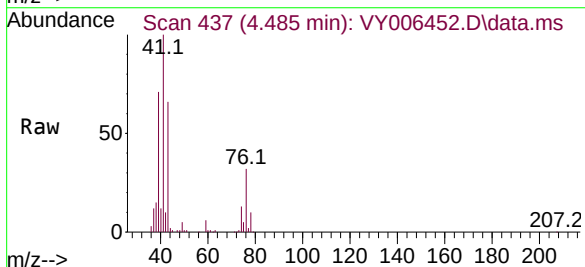
Tgt Ion: 41 Resp: 153066

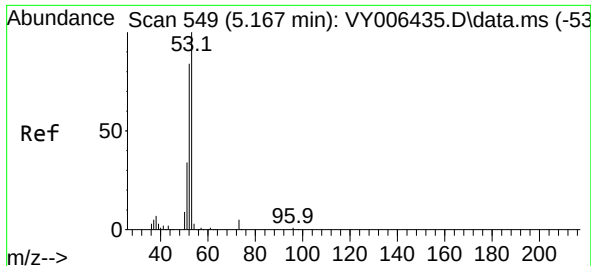
Ion Ratio Lower Upper

41 100

39 70.0 58.8 88.2

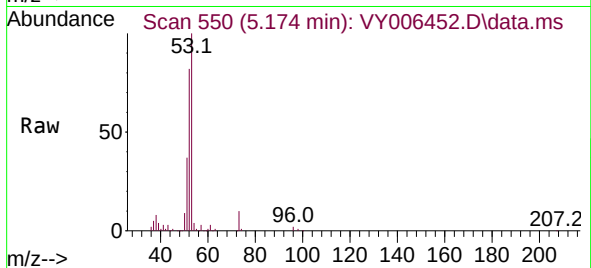
76 30.6 25.0 37.4





#15
Acrylonitrile
Concen: 316.053 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

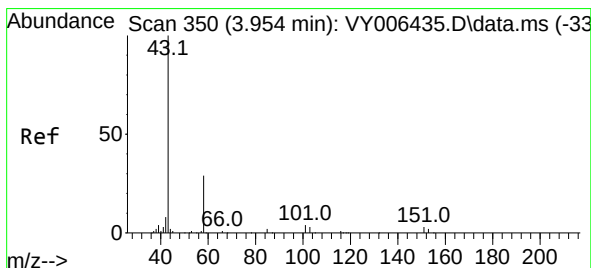
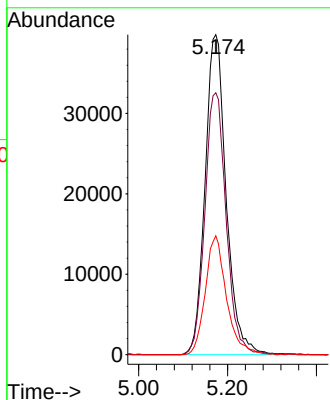
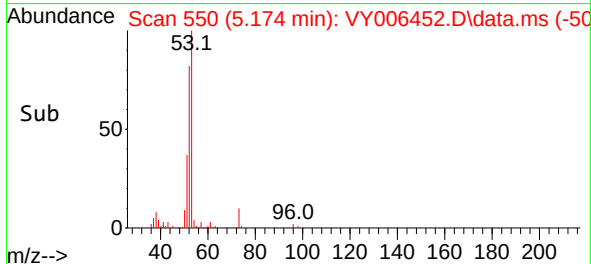
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 13172
Ion Ratio Lower Upper
53 100
52 82.6 67.1 100.7
51 37.2 30.0 45.0

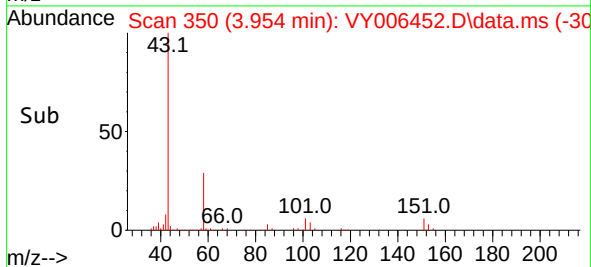
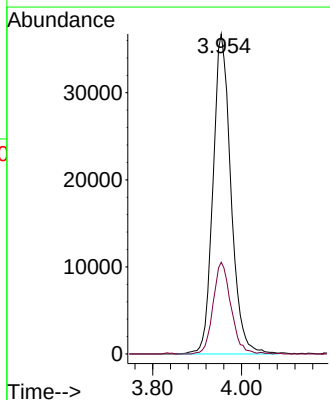
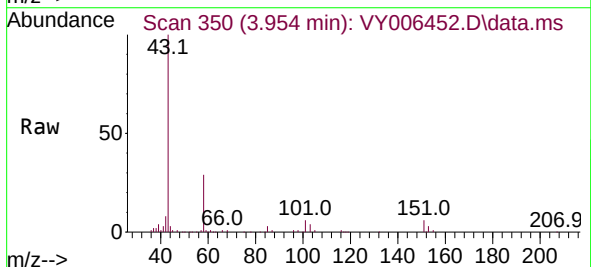
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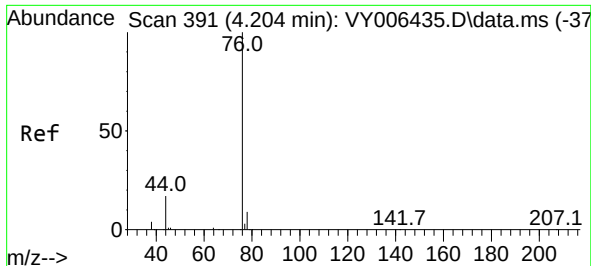
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#16
Acetone
Concen: 227.358 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Tgt Ion: 43 Resp: 102891
Ion Ratio Lower Upper
43 100
58 28.7 22.9 34.3





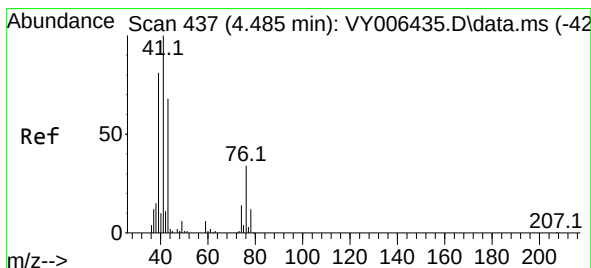
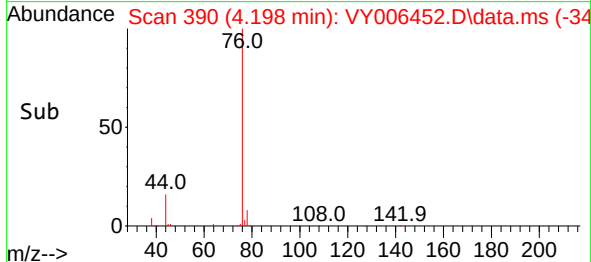
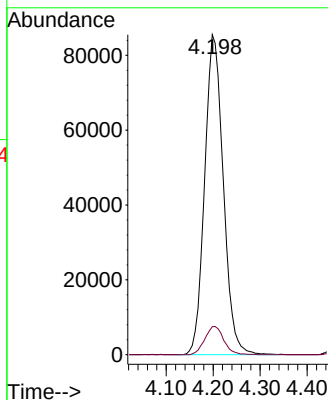
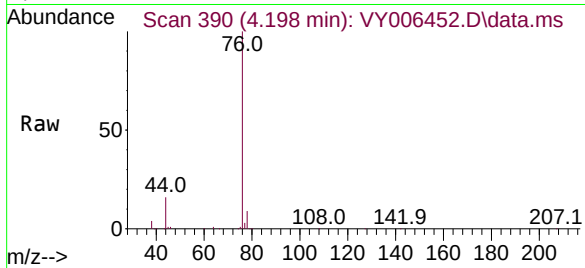
#17
Carbon Disulfide
Concen: 62.224 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 235329
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

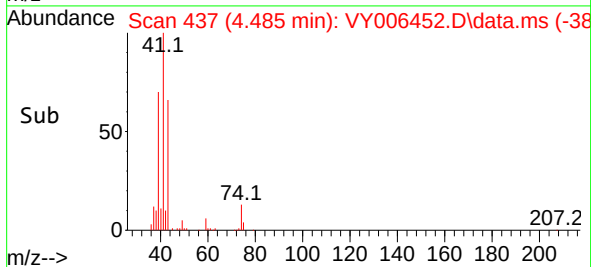
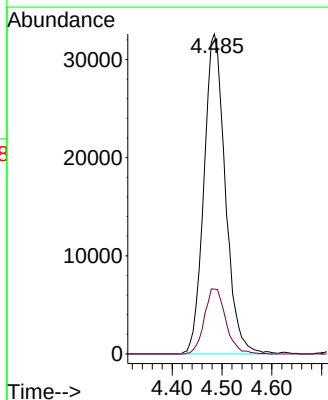
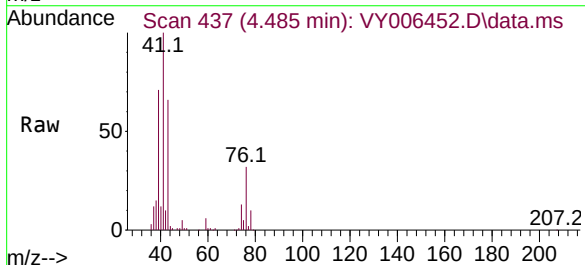
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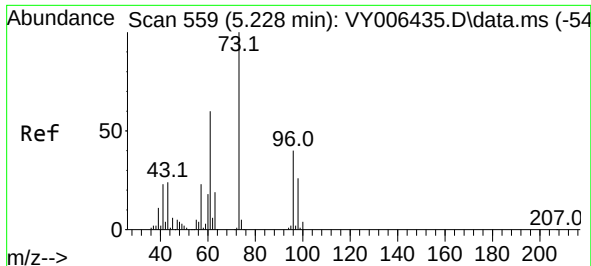
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#18
Methyl Acetate
Concen: 66.216 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

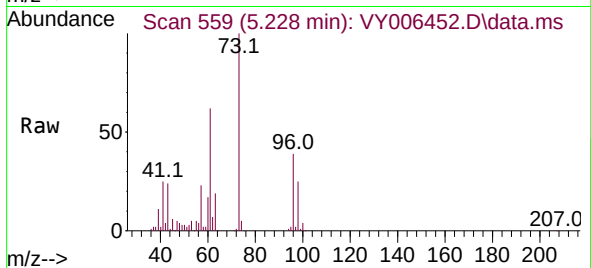
Tgt Ion: 43 Resp: 97171
Ion Ratio Lower Upper
43 100
74 20.4 16.6 25.0





#19
Methyl tert-butyl Ether
Concen: 62.875 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

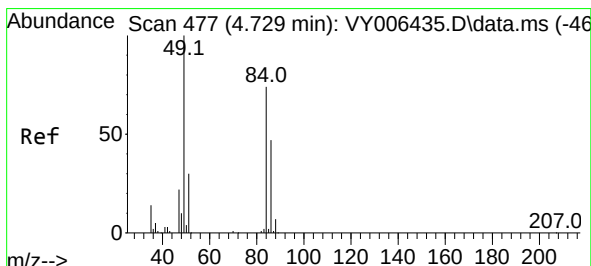
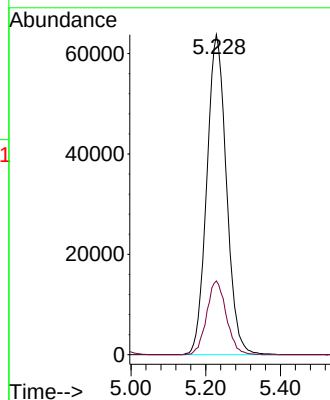
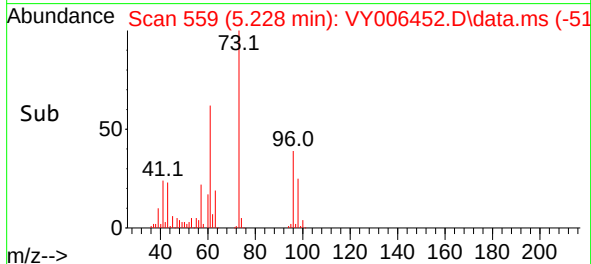
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 23243
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.2

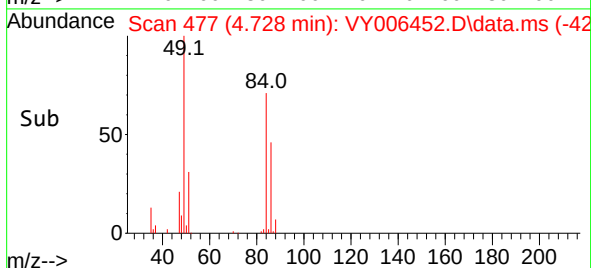
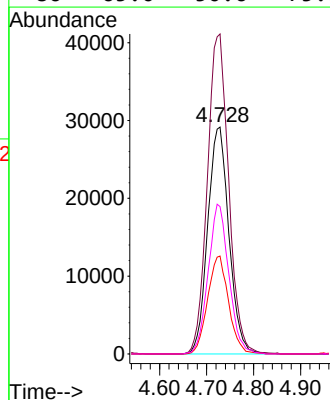
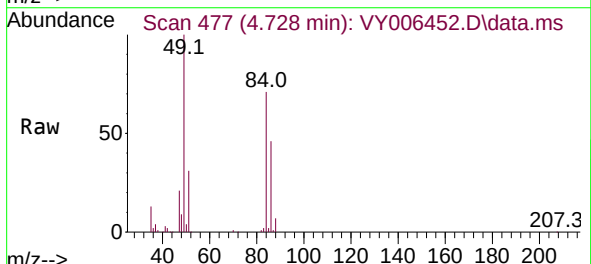
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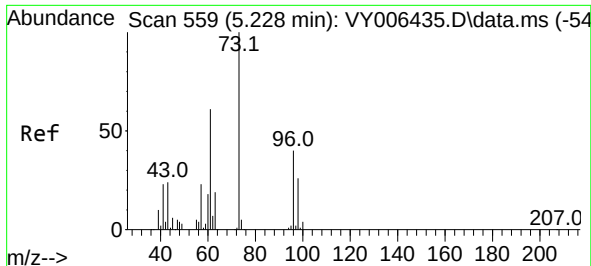
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#20
Methylene Chloride
Concen: 66.498 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

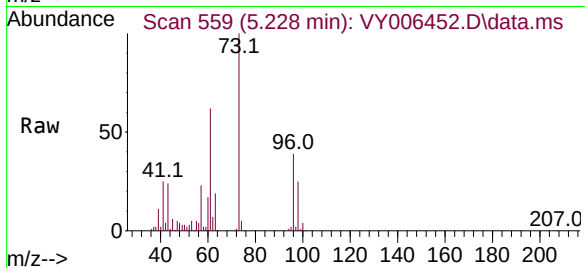
Tgt Ion: 84 Resp: 91552
Ion Ratio Lower Upper
84 100
49 141.1 107.8 161.8
51 43.2 32.8 49.2
86 65.0 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 59.664 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

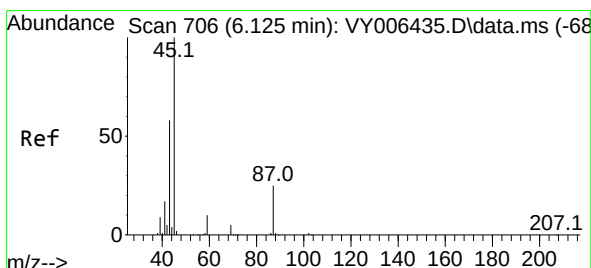
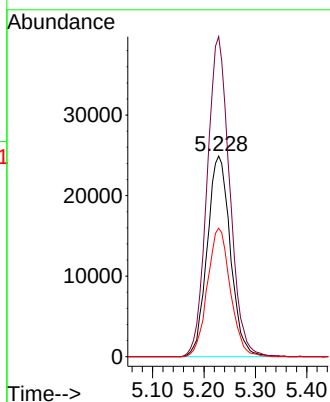
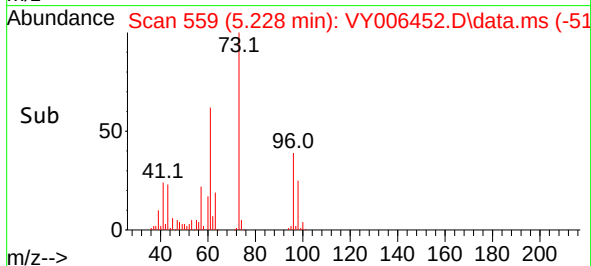
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



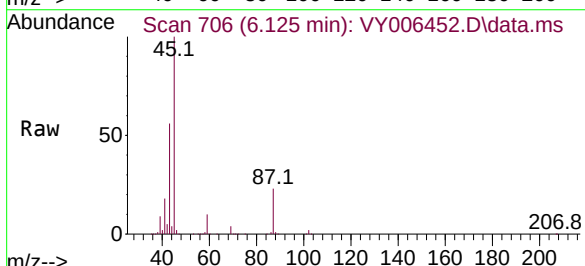
Tgt Ion: 96 Resp: 7801
Ion Ratio Lower Upper
96 100
61 159.5 120.6 181.0
98 64.0 51.3 76.9

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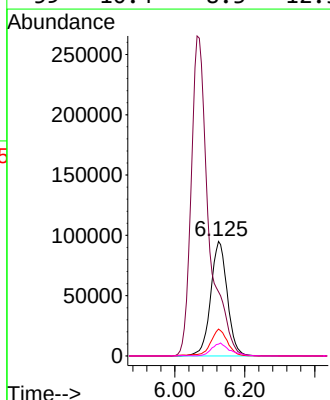
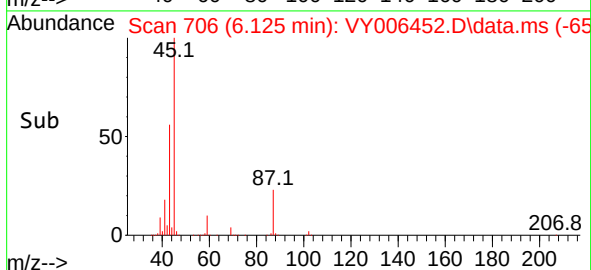
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

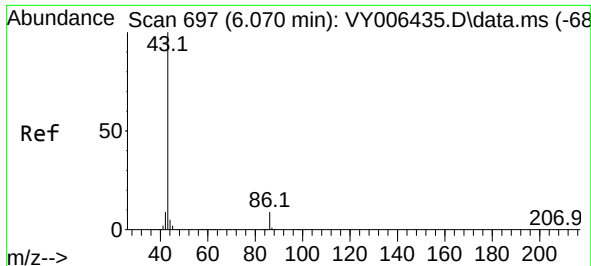


#22
Diisopropyl ether
Concen: 66.127 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19



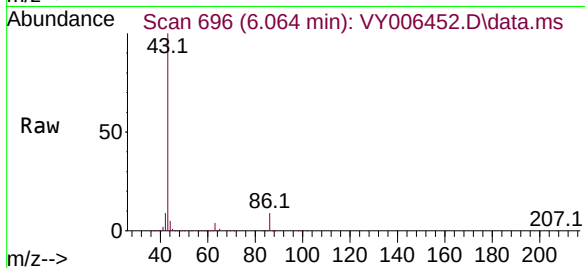
Tgt Ion: 45 Resp: 312772
Ion Ratio Lower Upper
45 100
43 56.0 47.7 71.5
87 23.4 20.1 30.1
59 10.4 8.3 12.5





#23
 Vinyl Acetate
 Concen: 321.471 ug/l
 RT: 6.064 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY006452.D
 Acq: 22 Oct 2021 20:19

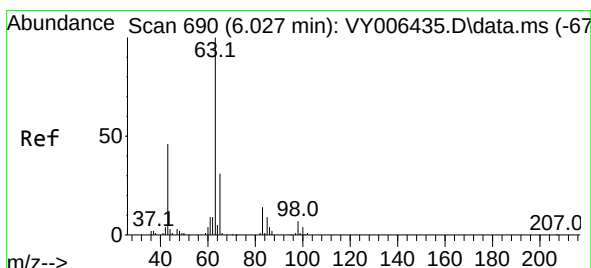
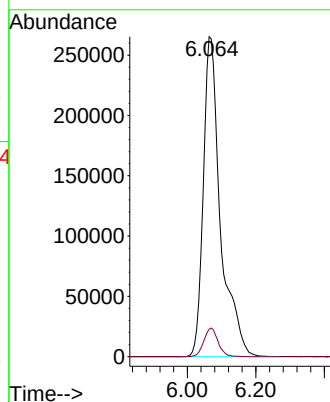
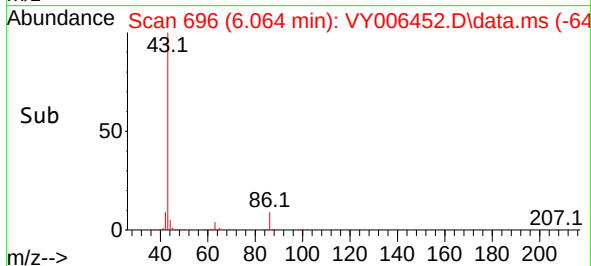
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 924799
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.3 10.9

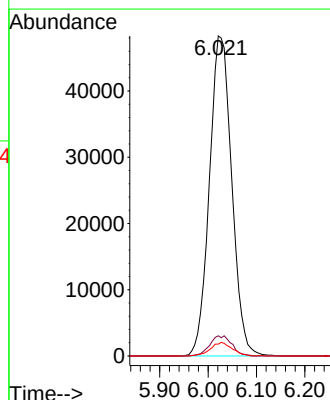
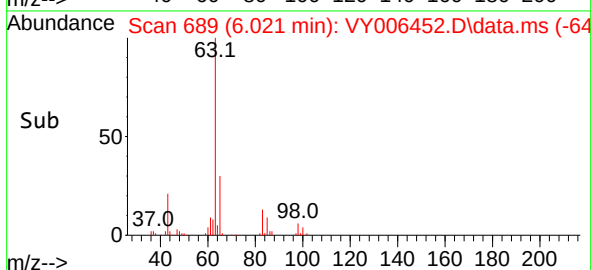
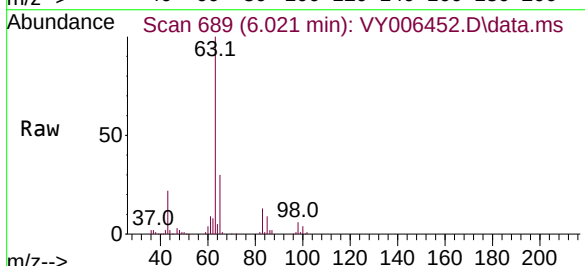
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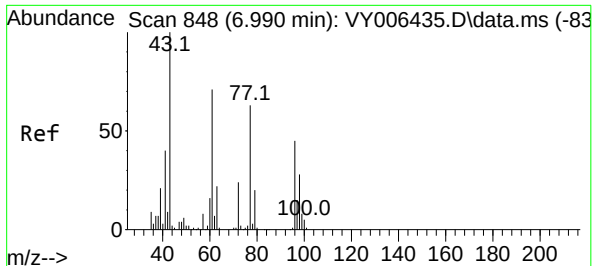
Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#24
 1,1-Dichloroethane
 Concen: 62.677 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY006452.D
 Acq: 22 Oct 2021 20:19

Tgt Ion: 63 Resp: 155012
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 3.7 2.0 6.0





#25

2-Butanone

Concen: 257.399 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 152608

Ion Ratio Lower Upper

43 100

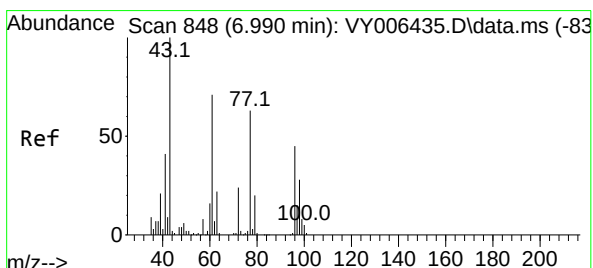
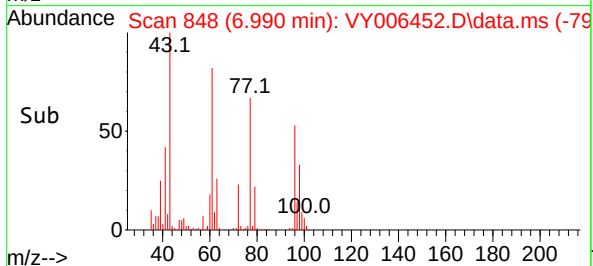
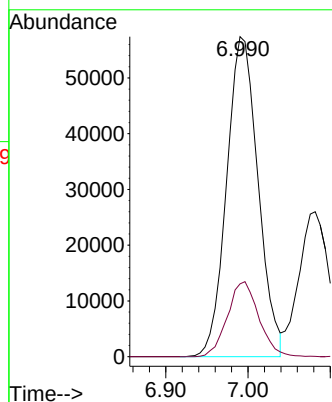
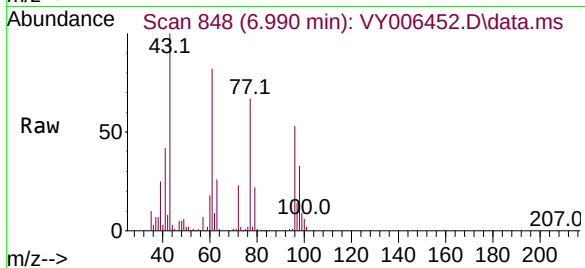
72 22.8 18.9 28.3

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APPROVED

Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#26

2,2-Dichloropropane

Concen: 48.750 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY006452.D

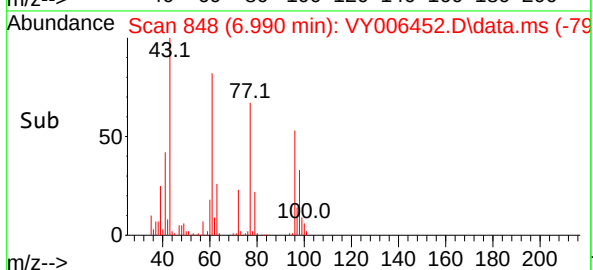
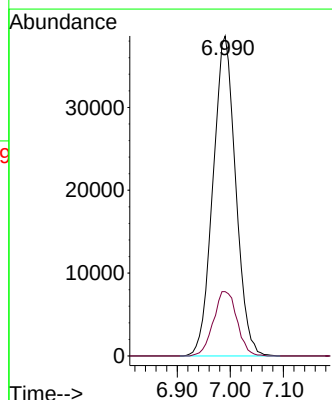
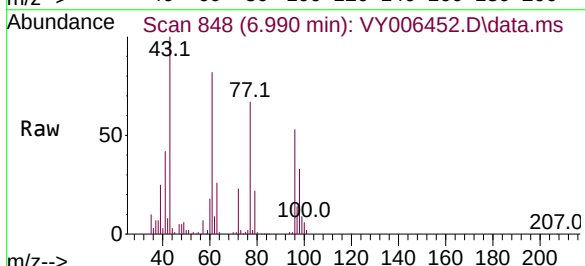
Acq: 22 Oct 2021 20:19

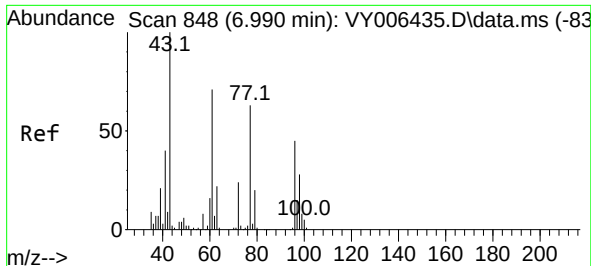
Tgt Ion: 77 Resp: 114678

Ion Ratio Lower Upper

77 100

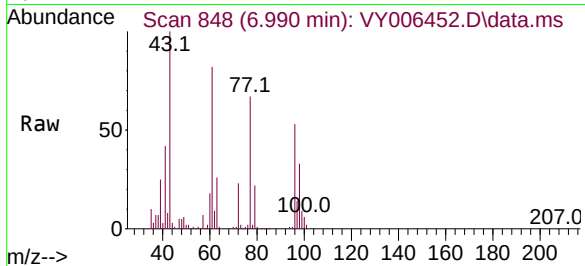
97 21.0 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 53.890 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY006452.D
 Acq: 22 Oct 2021 20:19

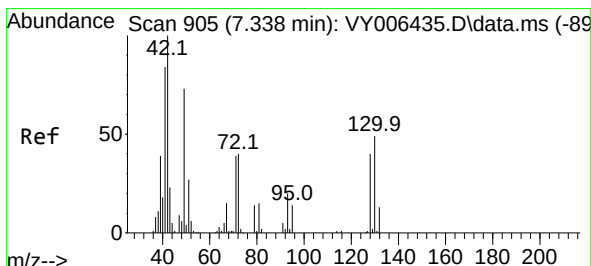
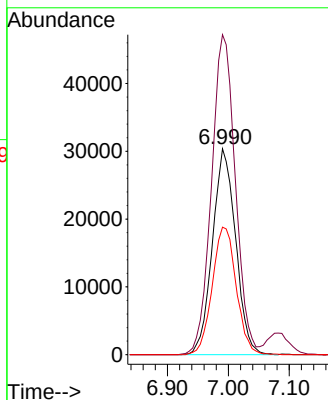
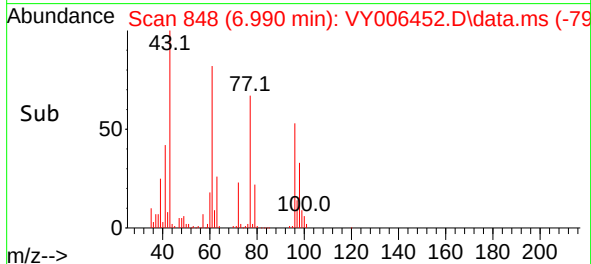
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 80440
 Ion Ratio Lower Upper
 96 100
 61 159.6 0.0 314.0
 98 64.0 0.0 127.8

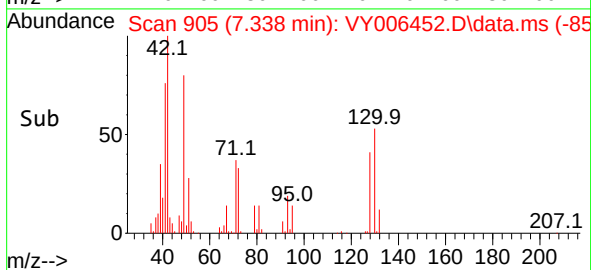
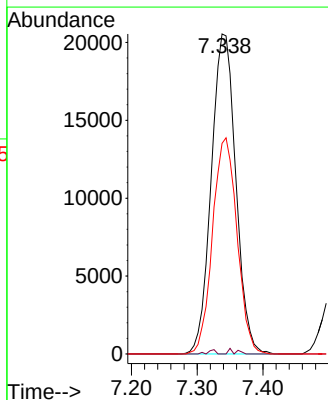
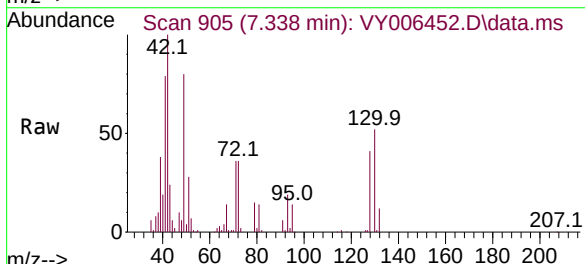
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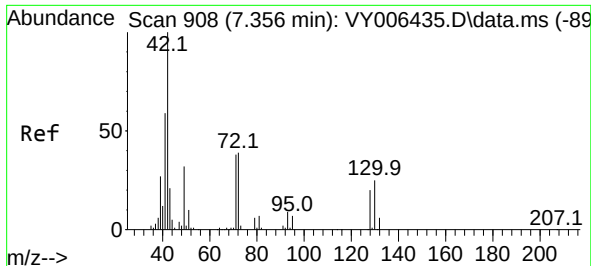
Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021



#28
 Bromochloromethane
 Concen: 53.144 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: VY006452.D
 Acq: 22 Oct 2021 20:19

Tgt Ion: 49 Resp: 53327
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 4.4
 130 67.4 55.6 83.4





#29

Tetrahydrofuran

Concen: 285.590 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

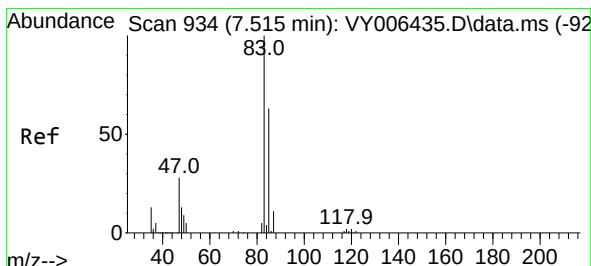
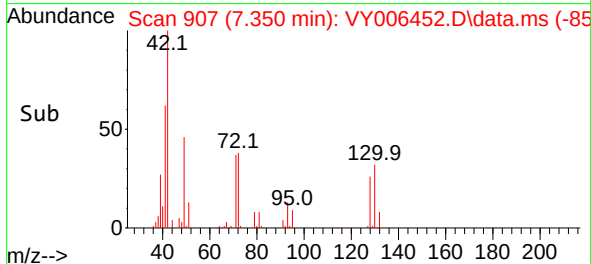
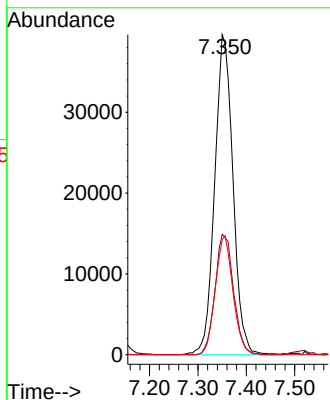
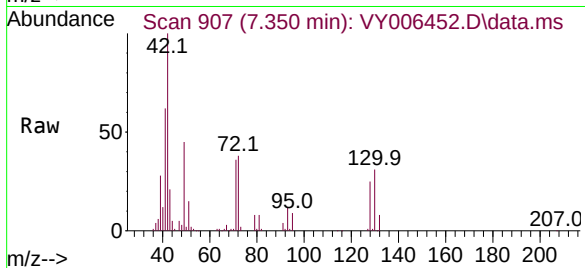
Tgt Ion: 42 Resp: 10388

Ion	Ratio	Lower	Upper
42	100		
72	38.1	32.0	48.0
71	35.9	30.3	45.5

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



#30

Chloroform

Concen: 53.419 ug/l

RT: 7.515 min Scan# 934

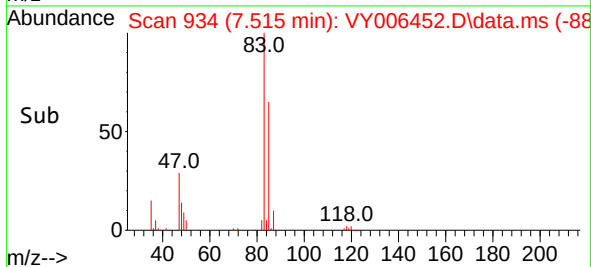
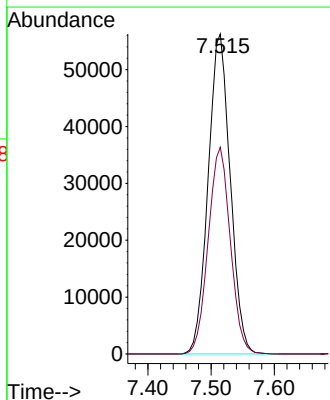
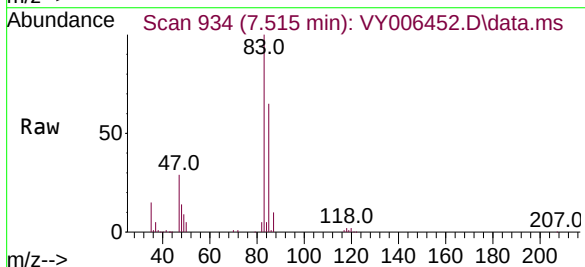
Delta R.T. -0.000 min

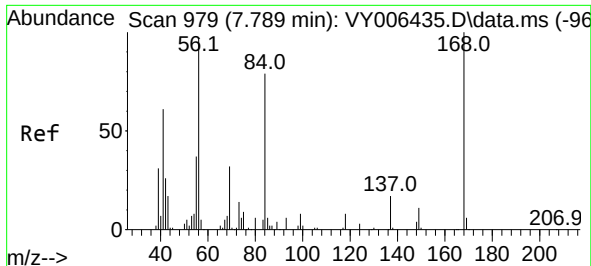
Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Tgt Ion: 83 Resp: 136437

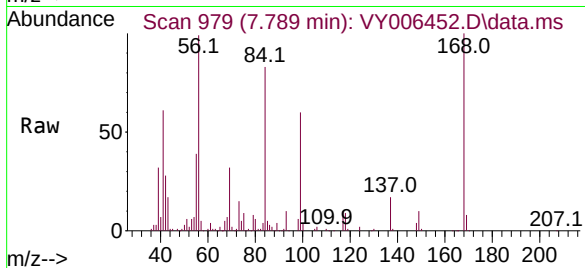
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.2	75.4





#31
Cyclohexane
Concen: 50.205 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

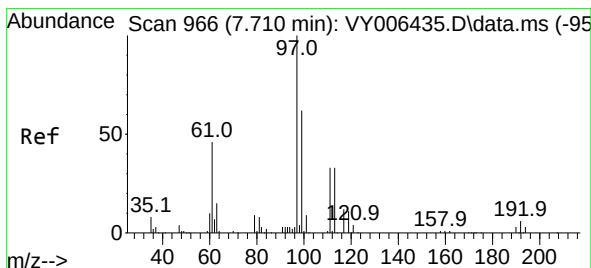
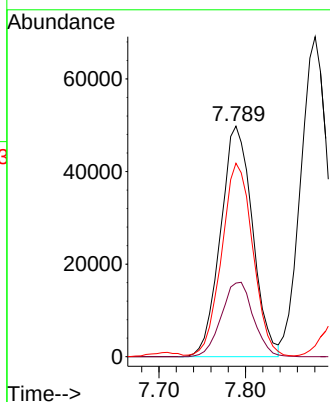
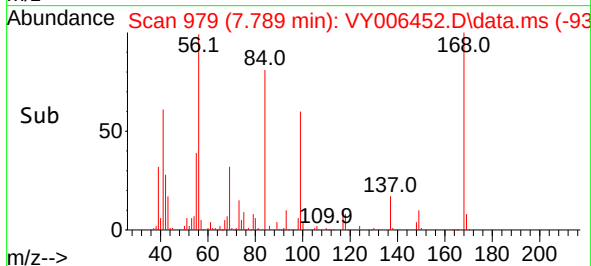
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 127738
Ion Ratio Lower Upper
56 100
69 32.0 26.6 40.0
84 82.5 65.0 97.4

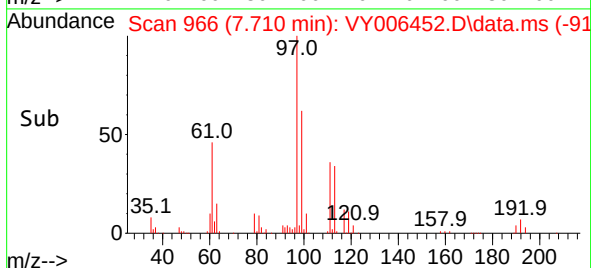
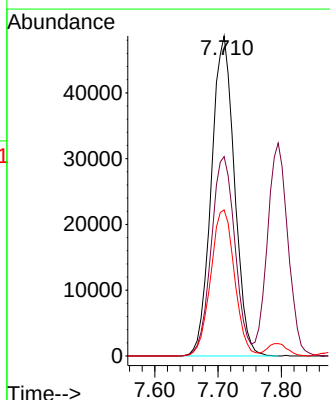
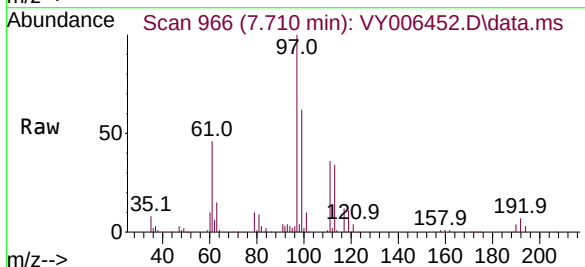
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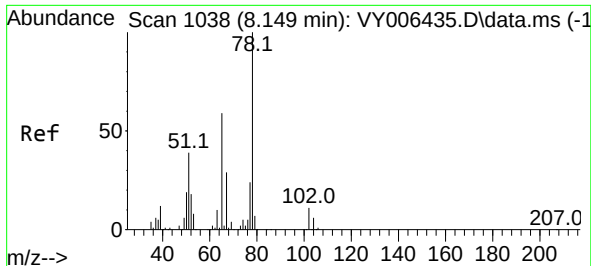
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#32
1,1,1-Trichloroethane
Concen: 52.261 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Tgt Ion: 97 Resp: 123250
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 47.2 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 54.420 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 85530

Ion Ratio Lower Upper

65 100

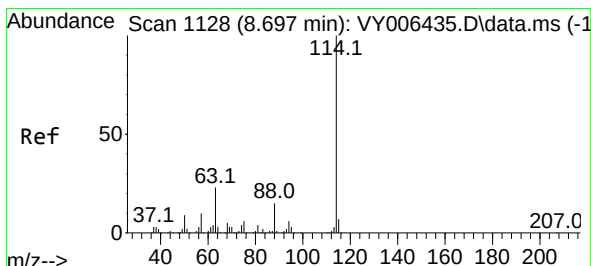
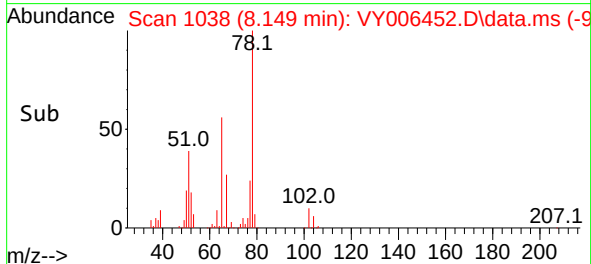
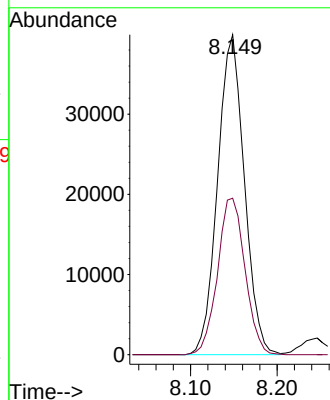
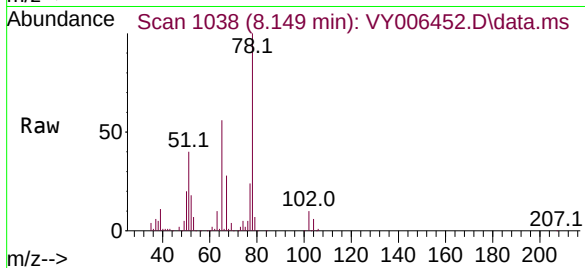
67 50.3 0.0 98.2

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Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

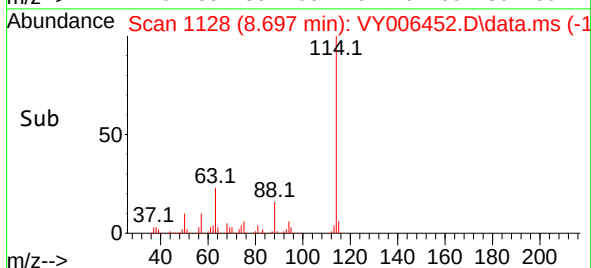
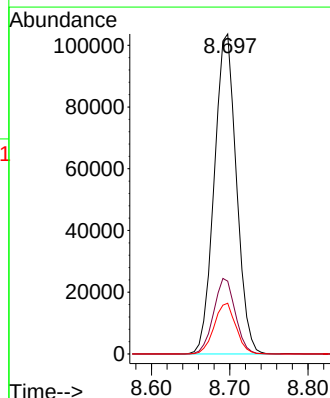
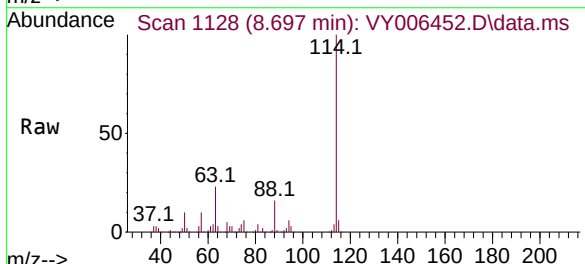
Tgt Ion:114 Resp: 204070

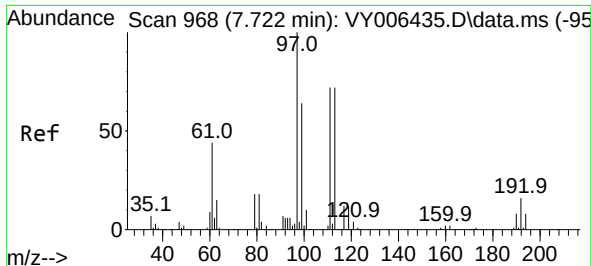
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.351 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

Tgt Ion: 113 Resp: 59540

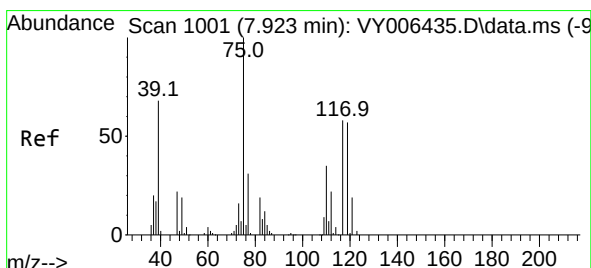
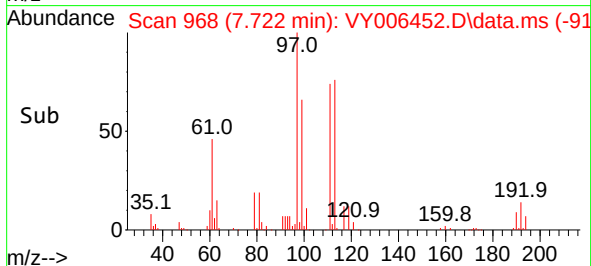
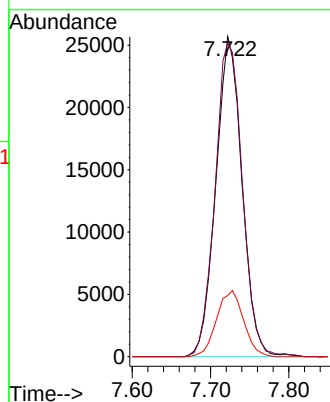
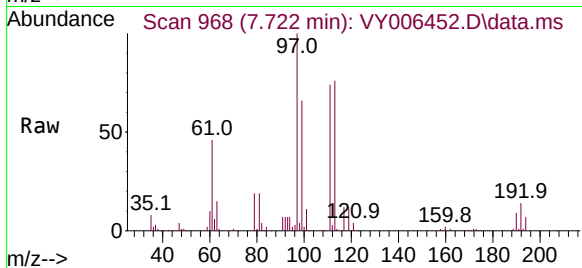
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.3	123.5
192	21.4	17.4	26.2

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: 50.616 ug/l

RT: 7.923 min Scan# 1001

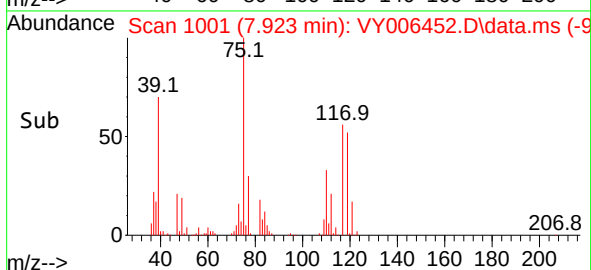
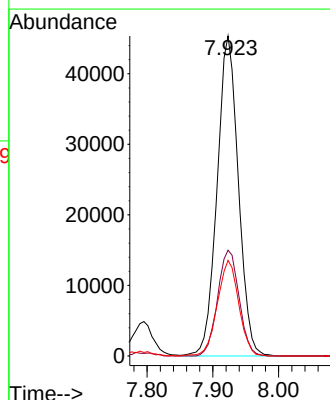
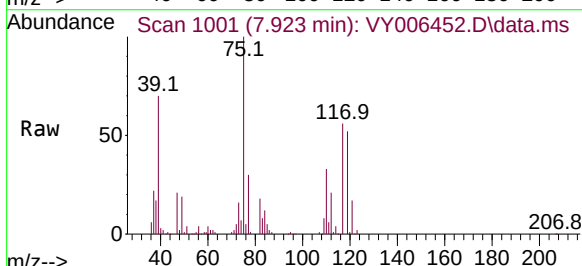
Delta R.T. -0.000 min

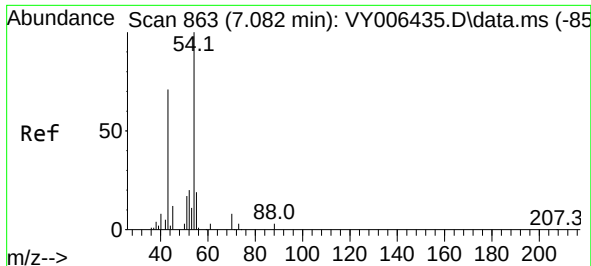
Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Tgt Ion: 75 Resp: 102061

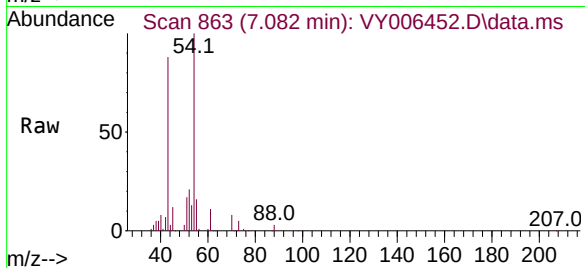
Ion	Ratio	Lower	Upper
75	100		
110	33.3	17.1	51.3
77	30.1	24.9	37.3





#37
Ethyl Acetate
Concen: 54.380 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

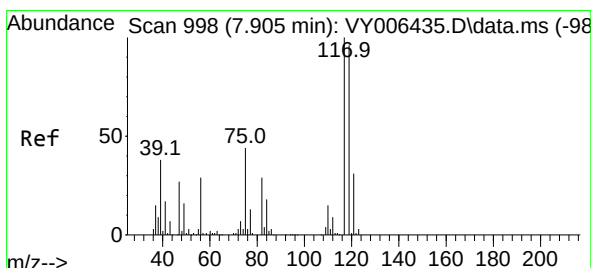
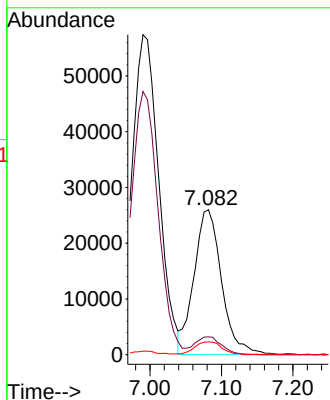
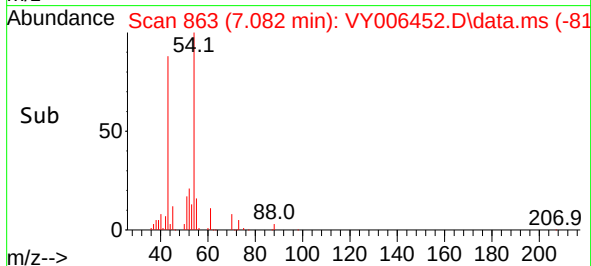
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 6939
Ion Ratio Lower Upper
43 100
61 11.9 9.4 14.2
70 8.7 6.9 10.3

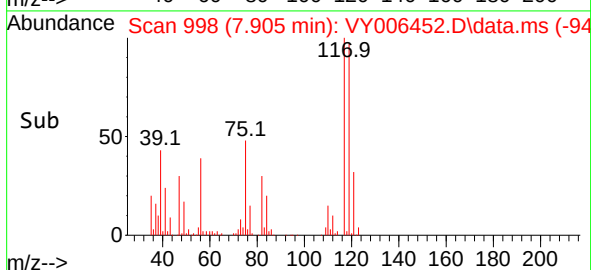
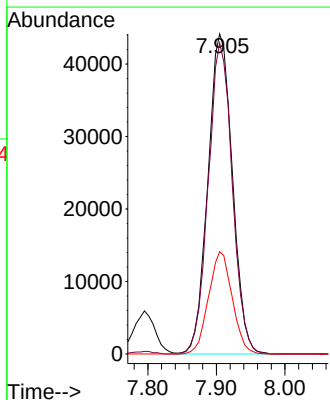
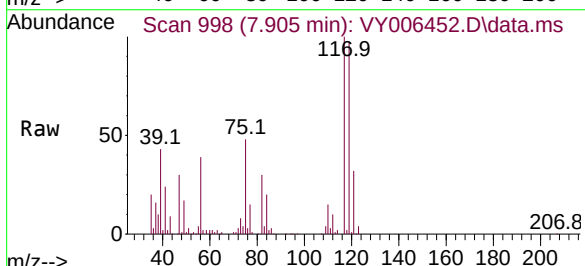
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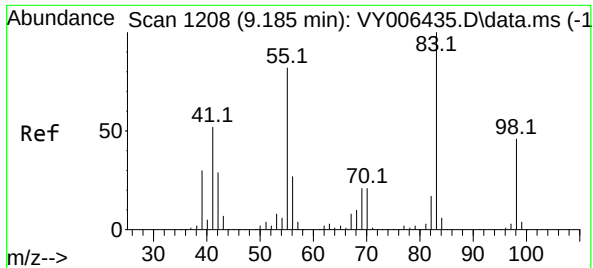
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#38
Carbon Tetrachloride
Concen: 49.296 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Tgt Ion:117 Resp: 109652
Ion Ratio Lower Upper
117 100
119 97.2 76.6 115.0
121 31.9 24.7 37.1





#39

Methylcyclohexane

Concen: 49.814 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 12227

Ion Ratio Lower Upper

83 100

55 83.1 65.3 97.9

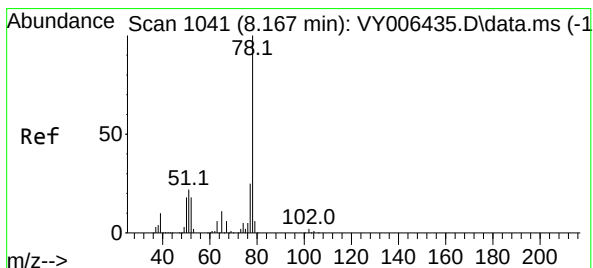
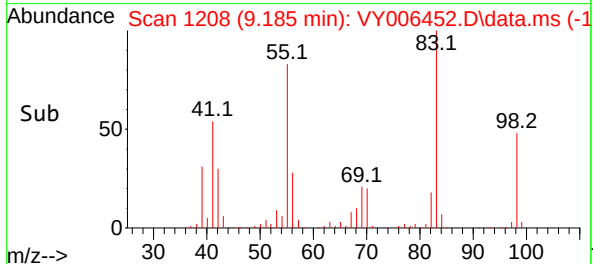
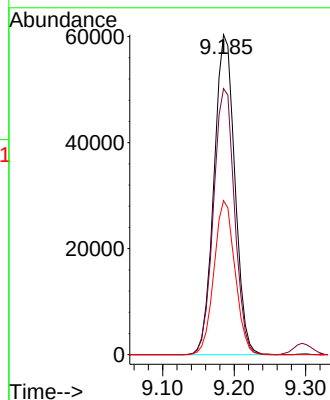
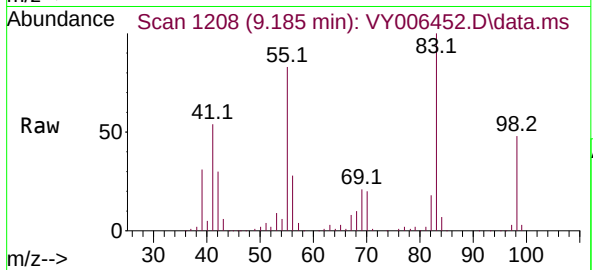
98 48.2 37.0 55.4

Manual Integrations

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Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#40

Benzene

Concen: 52.546 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY006452.D

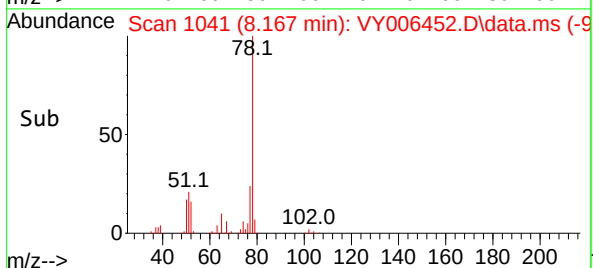
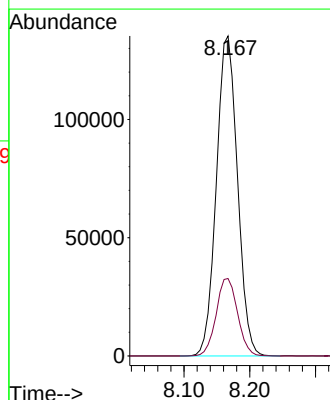
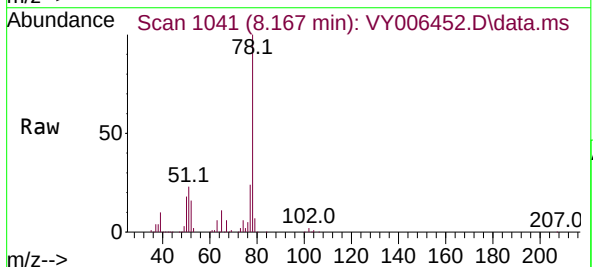
Acq: 22 Oct 2021 20:19

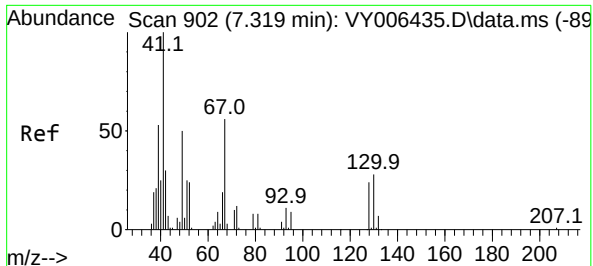
Tgt Ion: 78 Resp: 302191

Ion Ratio Lower Upper

78 100

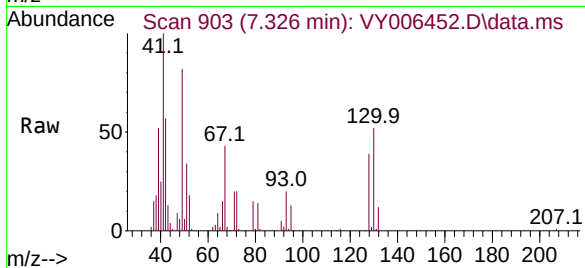
77 24.2 19.7 29.5





#41
Methacrylonitrile
Concen: 52.380 ug/l m
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

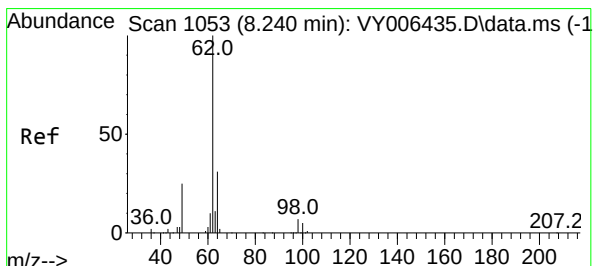
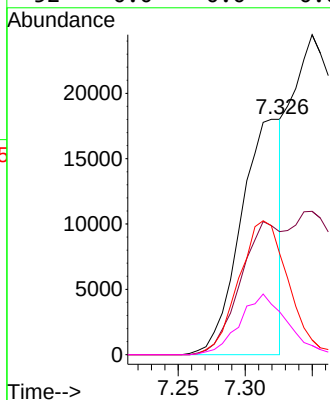
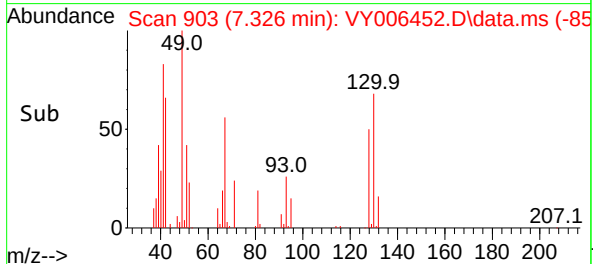
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 37928
Ion Ratio Lower Upper
41 100
39 0.0 109.0 163.6
67 0.0 0.0 0.0
52 0.0 0.0 0.0

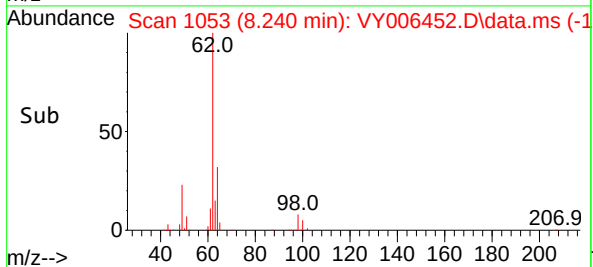
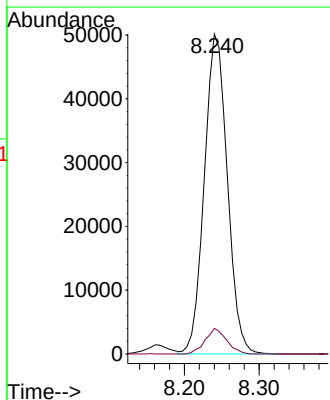
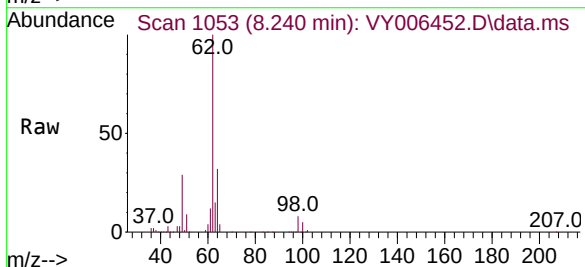
Manual Integrations
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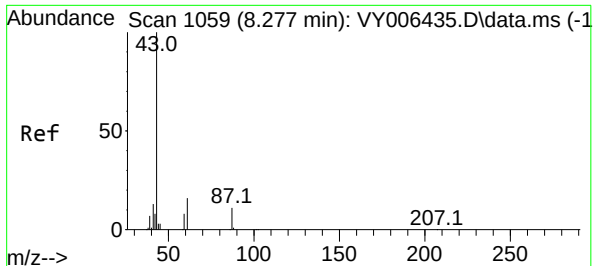
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#42
1,2-Dichloroethane
Concen: 52.225 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

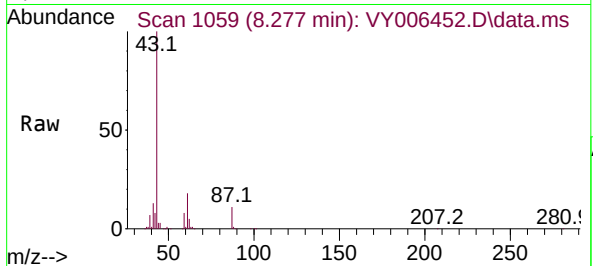
Tgt Ion: 62 Resp: 107254
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 54.547 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

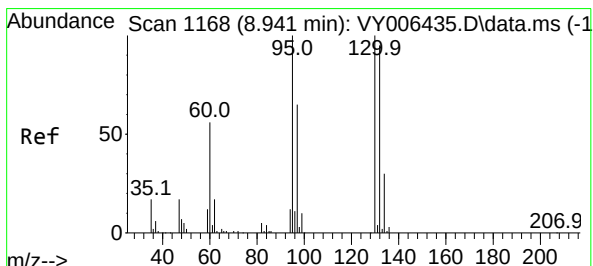
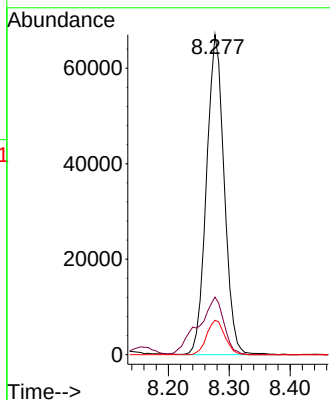
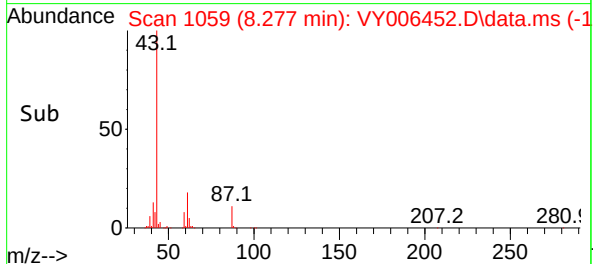
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050EC



Tgt Ion: 43 Resp: 135034
Ion Ratio Lower Upper
43 100
61 26.0 20.5 30.7
87 11.0 9.0 13.6

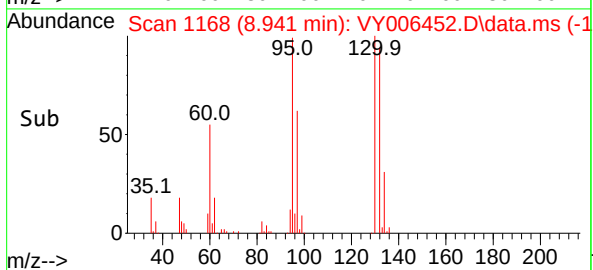
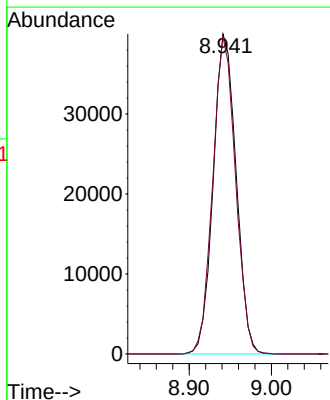
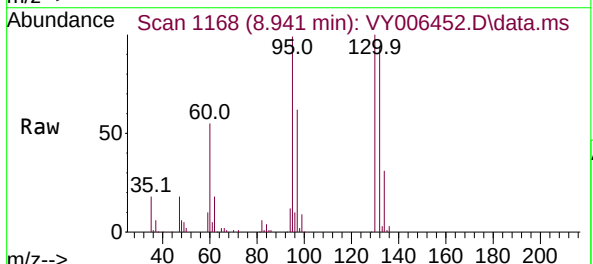
Manual Integrations
APPROVED

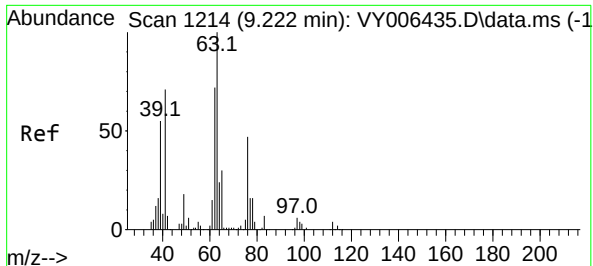
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#44
Trichloroethene
Concen: 52.062 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Tgt Ion:130 Resp: 77217
Ion Ratio Lower Upper
130 100
95 99.2 0.0 200.4





#45

1,2-Dichloropropane

Concen: 53.296 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 75919

Ion Ratio Lower Upper

63 100

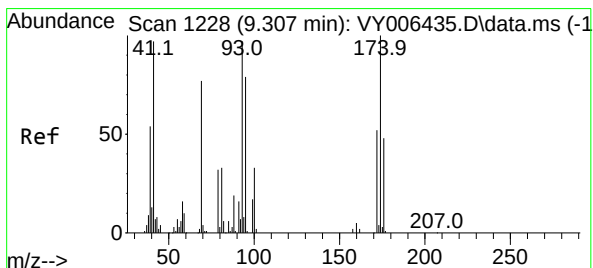
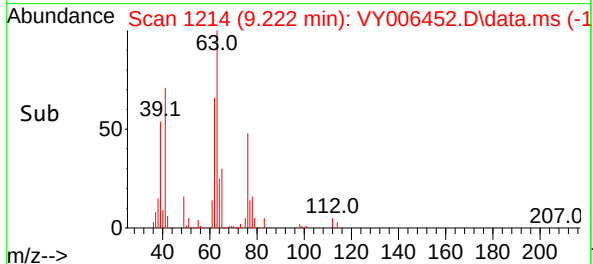
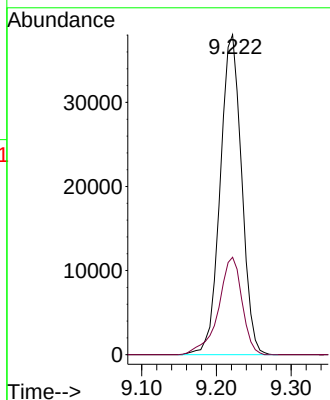
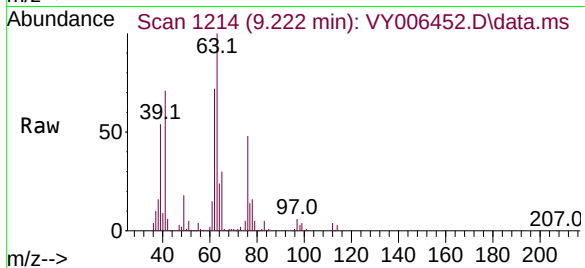
65 30.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#46

Dibromomethane

Concen: 53.257 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

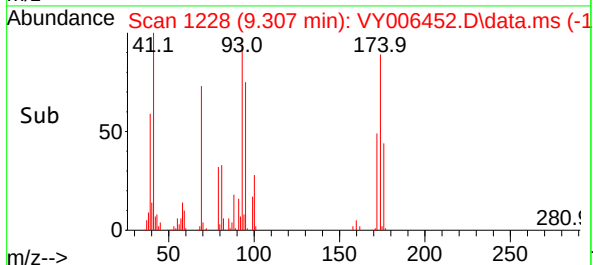
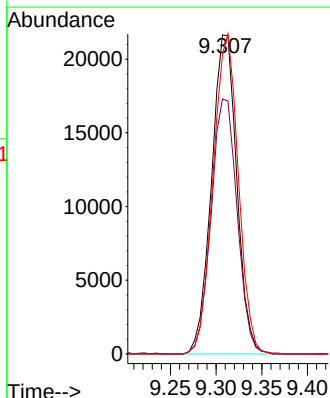
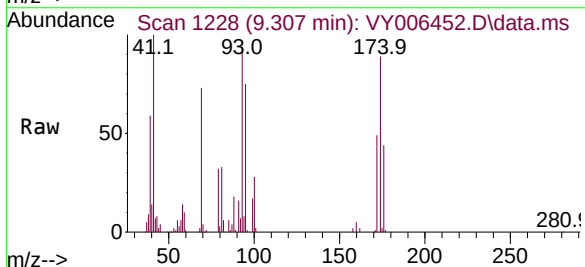
Tgt Ion: 93 Resp: 41643

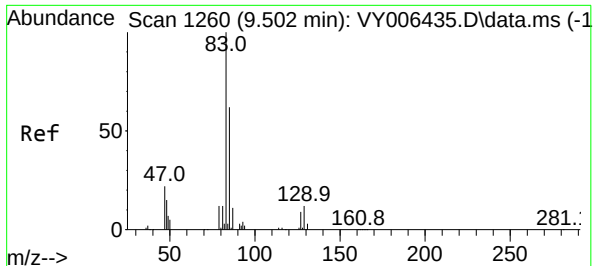
Ion Ratio Lower Upper

93 100

95 82.1 65.5 98.3

174 100.3 84.3 126.5





#47

Bromodichloromethane

Concen: 52.369 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

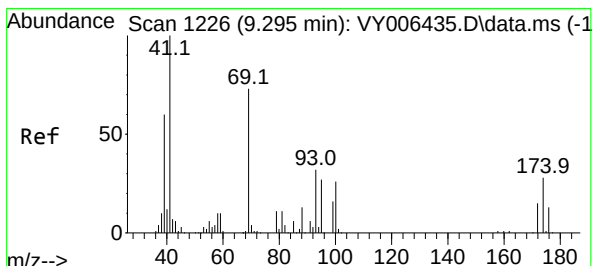
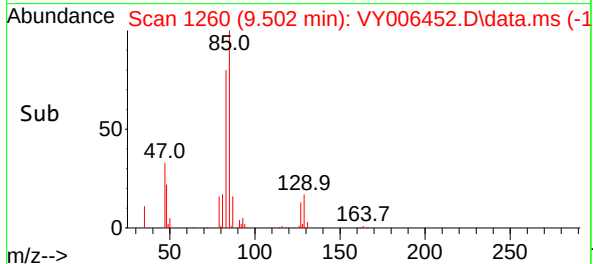
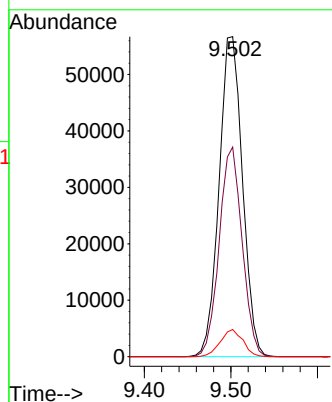
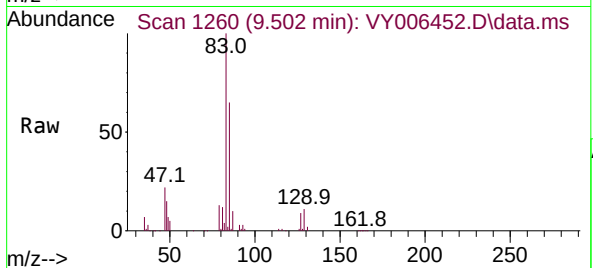
Tgt Ion: 83 Resp: 106524

Ion	Ratio	Lower	Upper
83	100		
85	65.5	49.9	74.9
127	8.5	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: 54.628 ug/l

RT: 9.295 min Scan# 1226

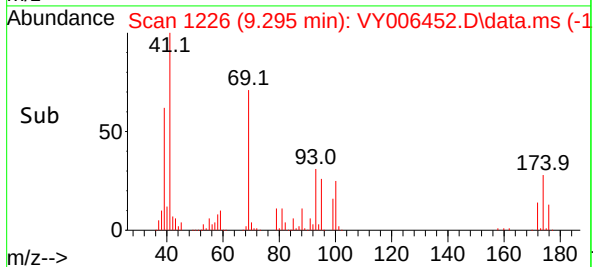
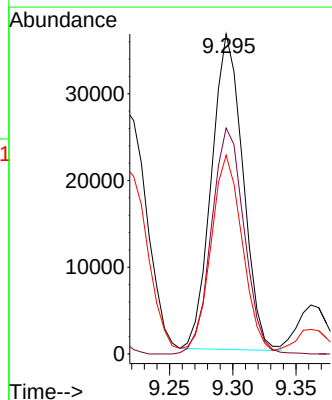
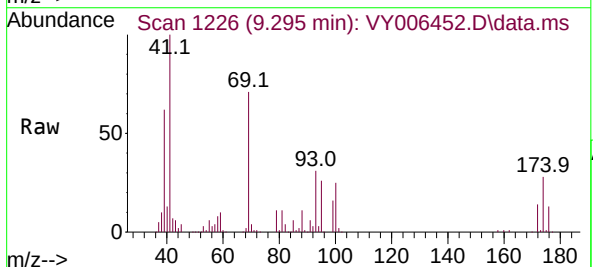
Delta R.T. -0.000 min

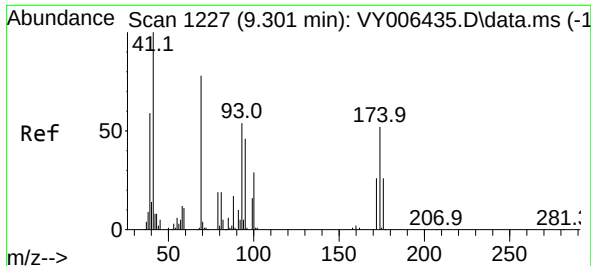
Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Tgt Ion: 41 Resp: 62677

Ion	Ratio	Lower	Upper
41	100		
69	74.8	60.4	90.6
39	63.6	48.2	72.2





#49

1,4-Dioxane

Concen: 1005.694 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

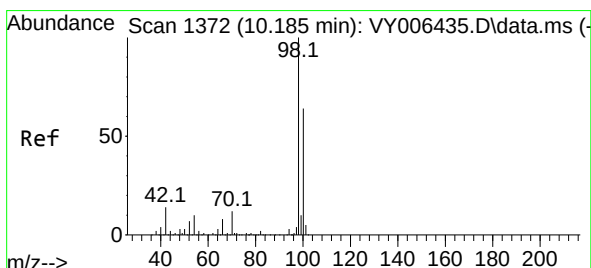
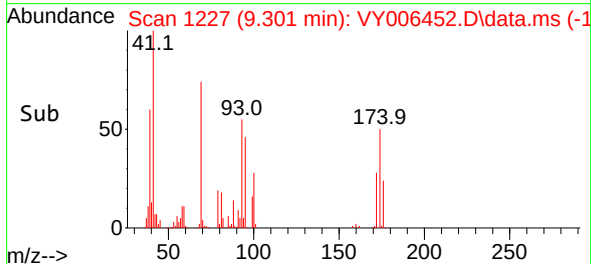
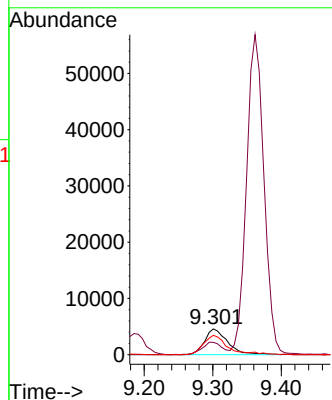
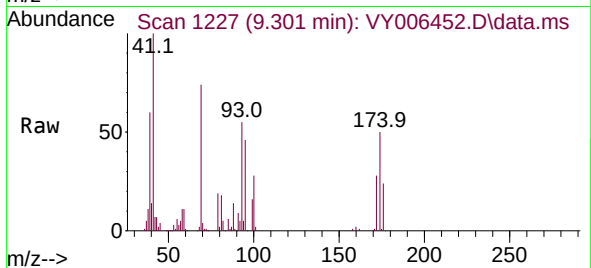
Tgt Ion: 88 Resp: 10670

Ion	Ratio	Lower	Upper
88	100		
43	43.5	34.1	51.1
58	79.7	57.5	86.3

Manual Integrations

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



#50

Toluene-d8

Concen: 52.246 ug/l

RT: 10.185 min Scan# 1372

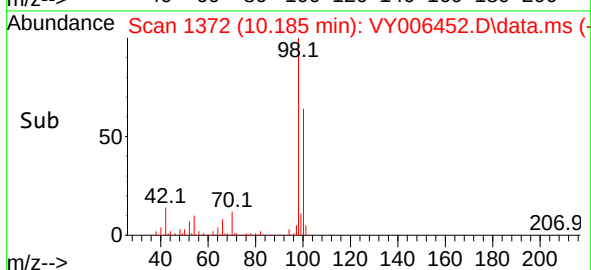
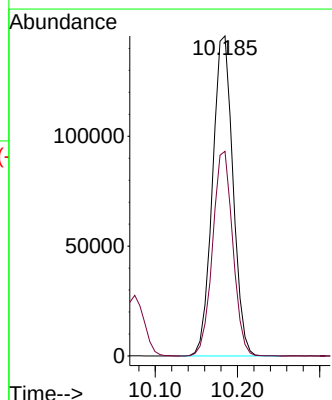
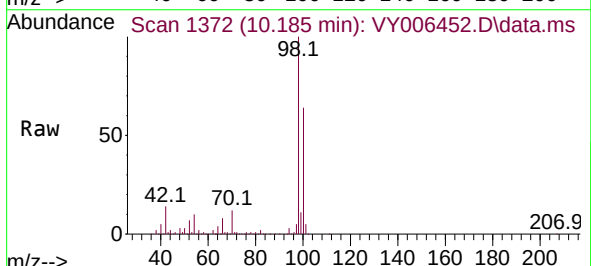
Delta R.T. -0.000 min

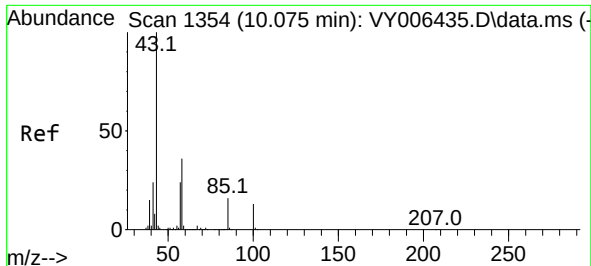
Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Tgt Ion: 98 Resp: 251918

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3





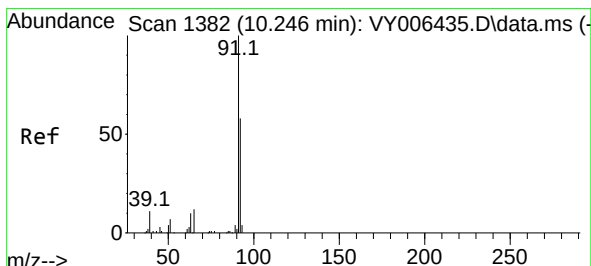
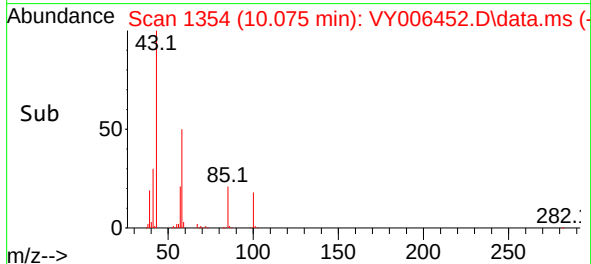
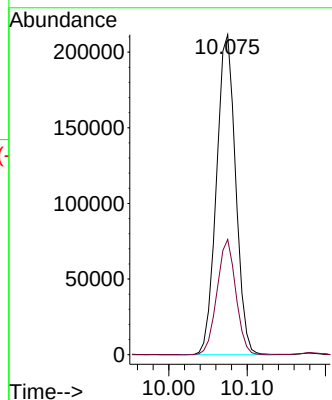
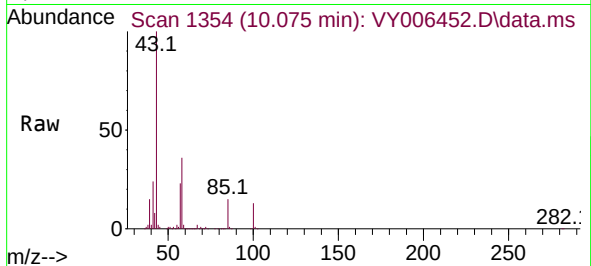
#51
4-Methyl-2-Pentanone
Concen: 277.250 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 359780
Ion Ratio Lower Upper
43 100
58 35.2 28.7 43.1

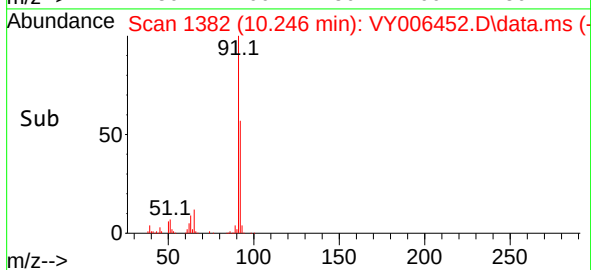
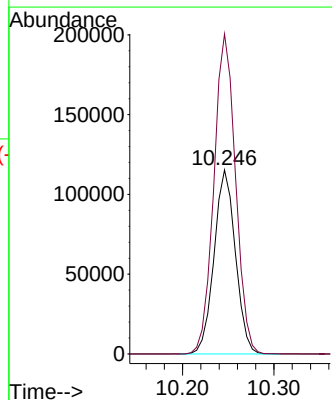
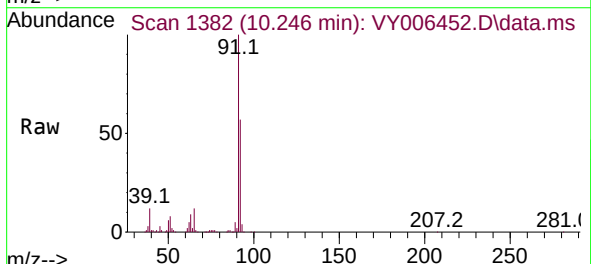
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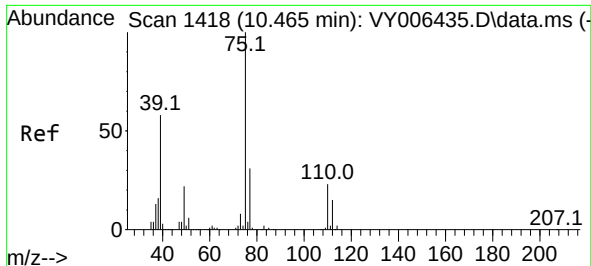
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#52
Toluene
Concen: 51.798 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

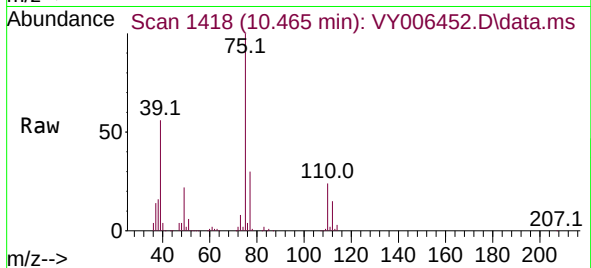
Tgt Ion: 92 Resp: 186900
Ion Ratio Lower Upper
92 100
91 176.7 139.7 209.5





#53
t-1,3-Dichloropropene
Concen: 53.334 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

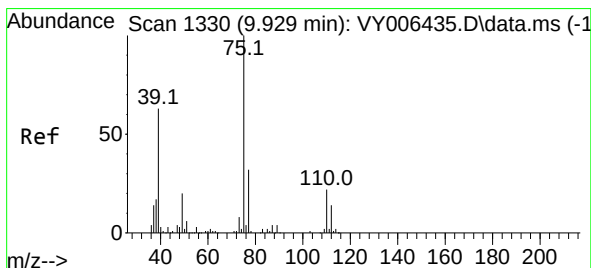
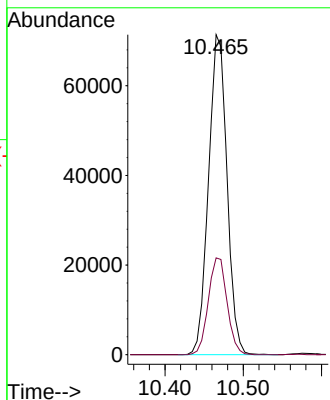
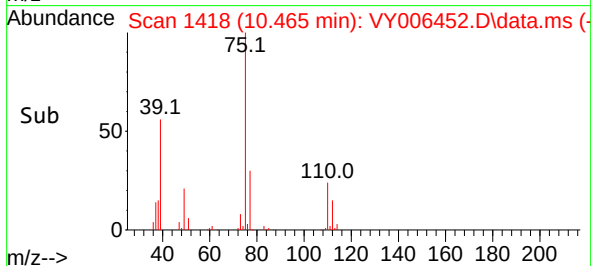
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 11687
Ion Ratio Lower Upper
75 100
77 30.2 24.9 37.3

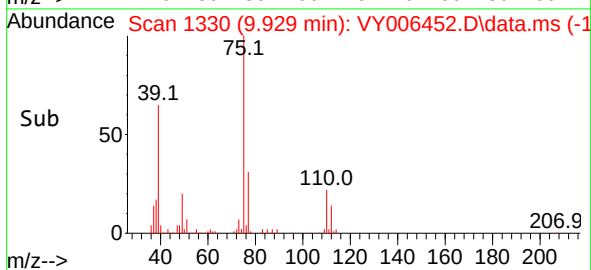
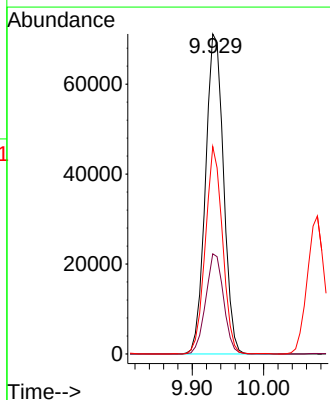
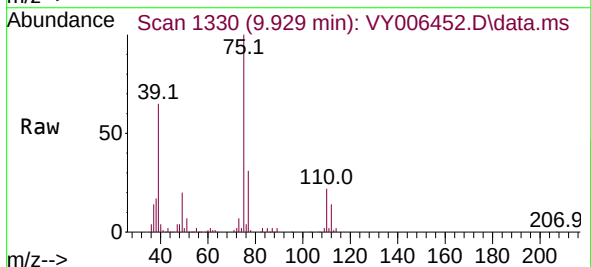
Manual Integrations
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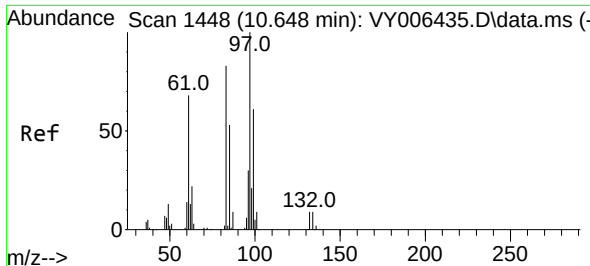
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#54
cis-1,3-Dichloropropene
Concen: 52.561 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

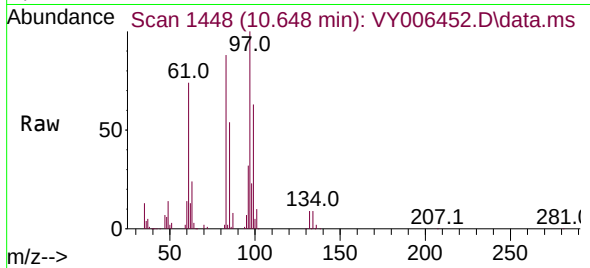
Tgt Ion: 75 Resp: 124786
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2
39 64.8 50.2 75.2





#55
1,1,2-Trichloroethane
Concen: 52.580 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

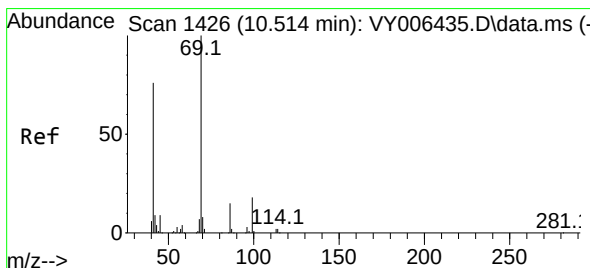
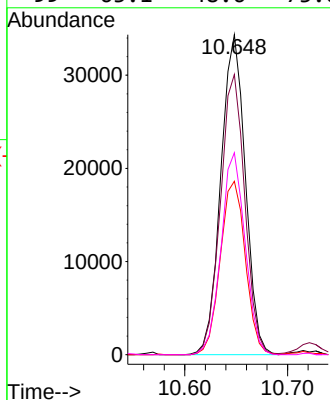
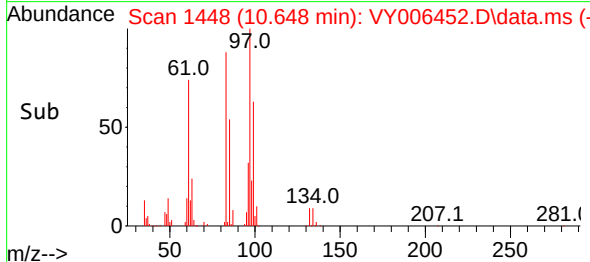


Tgt Ion: 97 Resp: 5684

Ion	Ratio	Lower	Upper
97	100		
83	87.6	66.2	99.2
85	54.2	42.2	63.4
99	63.1	48.6	73.0

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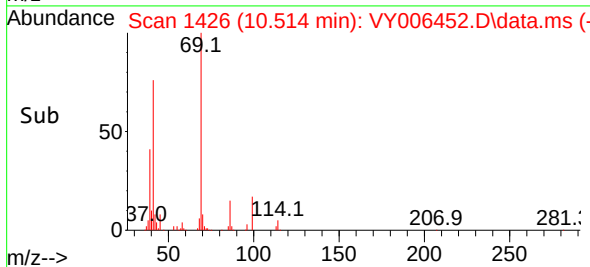
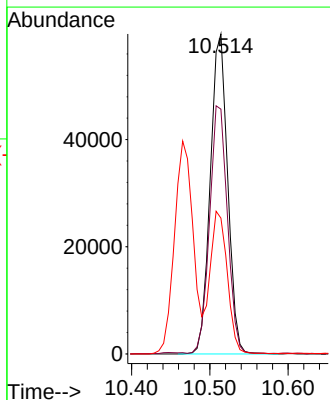
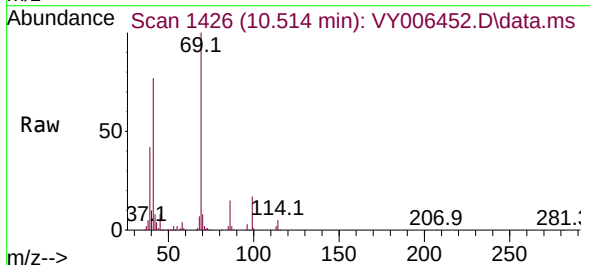
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

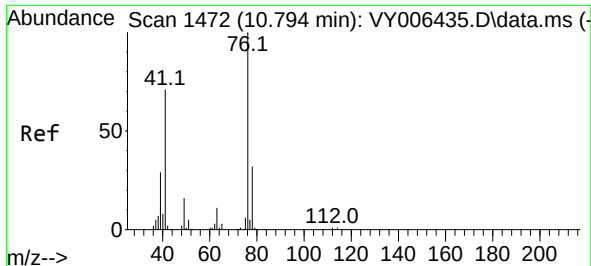


#56
Ethyl methacrylate
Concen: 54.999 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Tgt Ion: 69 Resp: 91861

Ion	Ratio	Lower	Upper
69	100		
41	79.5	62.9	94.3
39	44.2	35.7	53.5





#57

1,3-Dichloropropane

Concen: 52.998 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 10413

Ion Ratio Lower Upper

76 100

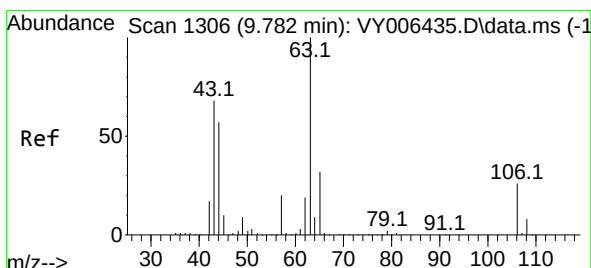
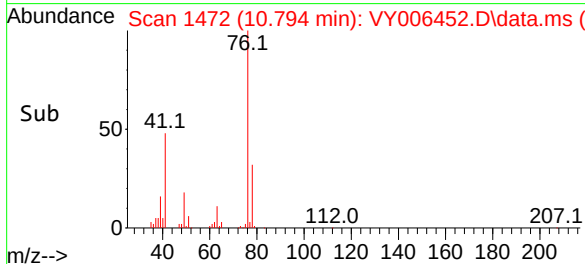
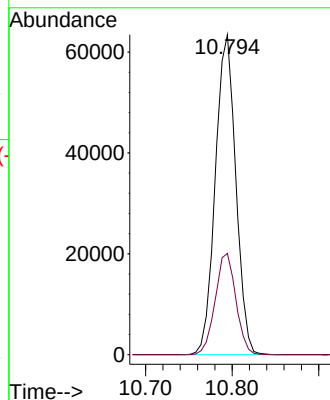
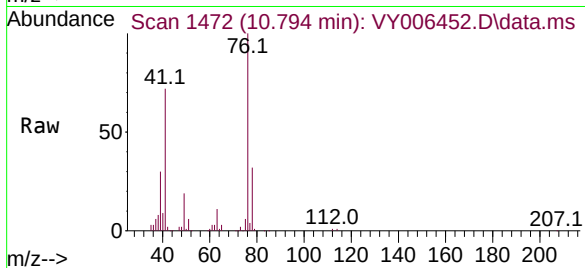
78 32.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#58

2-Chloroethyl Vinyl ether

Concen: 255.110 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY006452.D

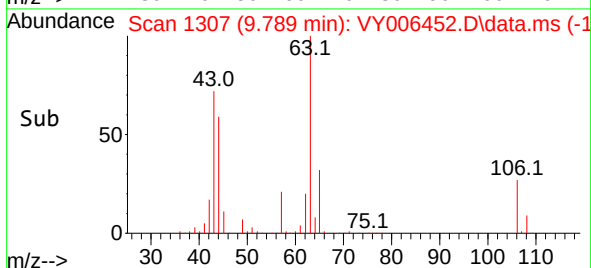
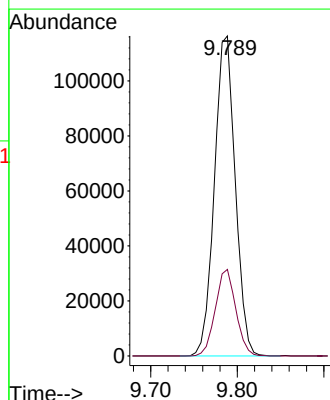
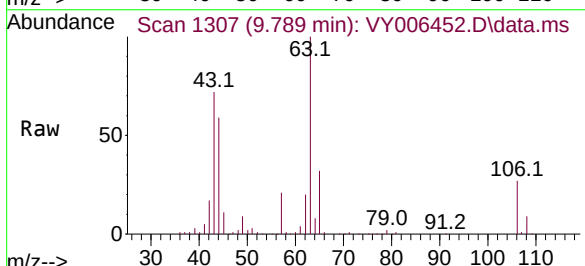
Acq: 22 Oct 2021 20:19

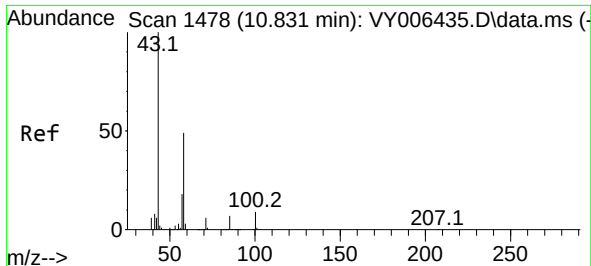
Tgt Ion: 63 Resp: 194376

Ion Ratio Lower Upper

63 100

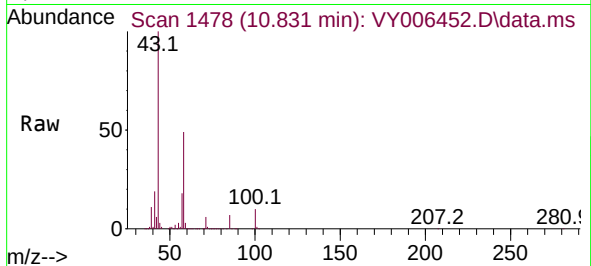
106 26.6 21.4 32.2





#59
2-Hexanone
Concen: 269.184 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

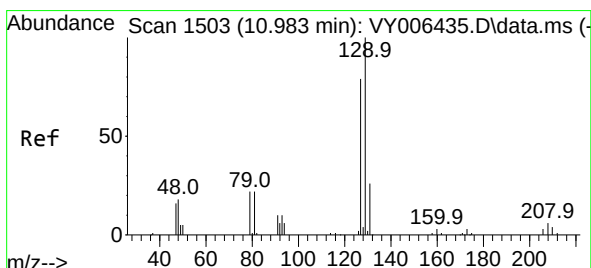
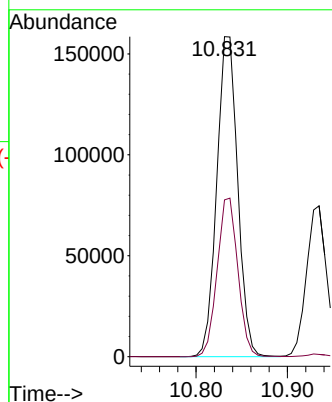
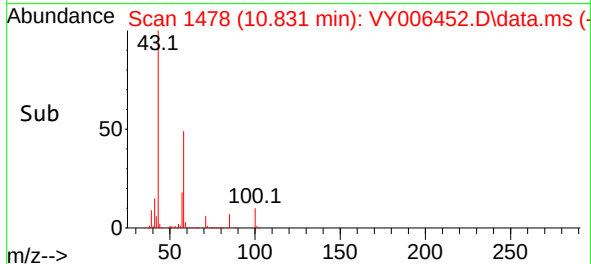
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



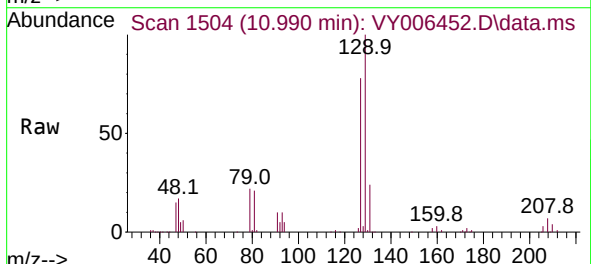
Tgt Ion: 43 Resp: 252819
Ion Ratio Lower Upper
43 100
58 48.9 24.6 73.6

Manual Integrations
APPROVED

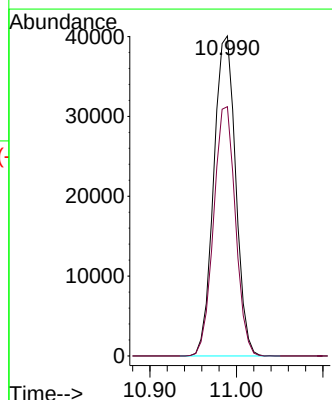
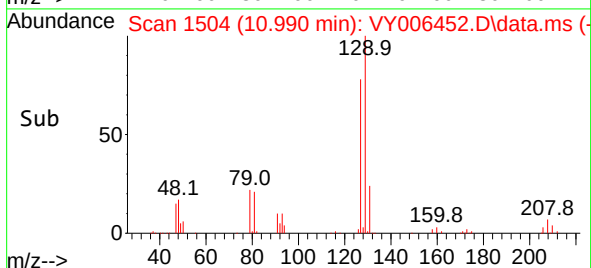
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

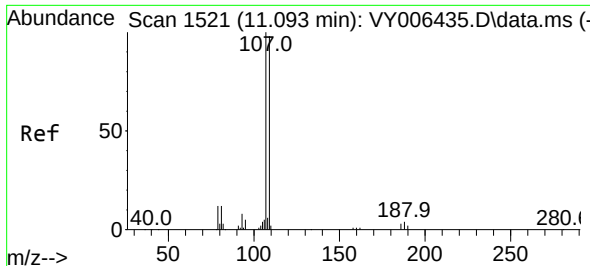


#60
Dibromochloromethane
Concen: 52.882 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19



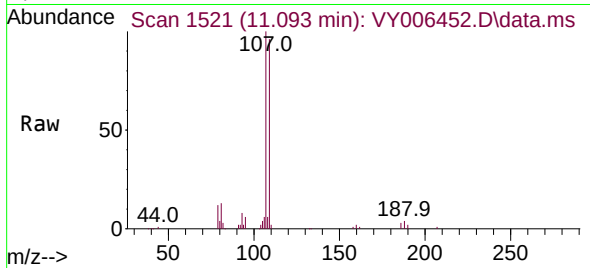
Tgt Ion:129 Resp: 70521
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.1





#61
1,2-Dibromoethane
Concen: 52.898 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

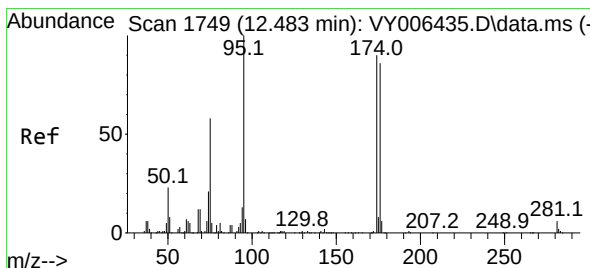
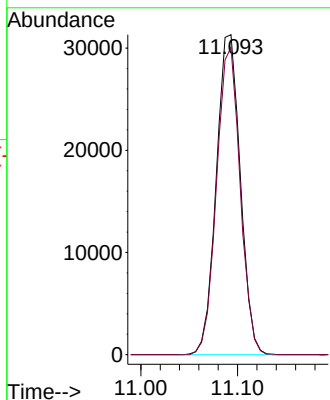
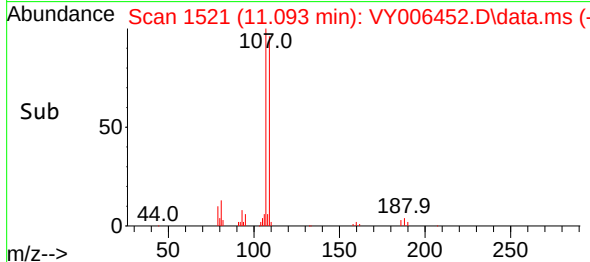
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



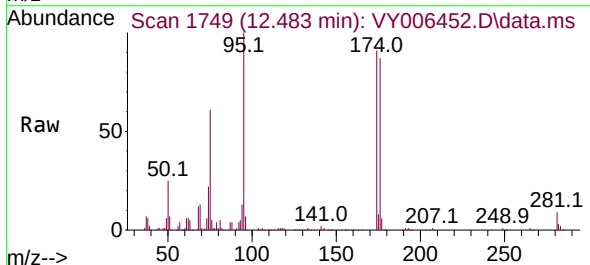
Tgt Ion:107 Resp: 5384
Ion Ratio Lower Upper
107 100
109 94.4 76.2 114.2

Manual Integrations
APPROVED

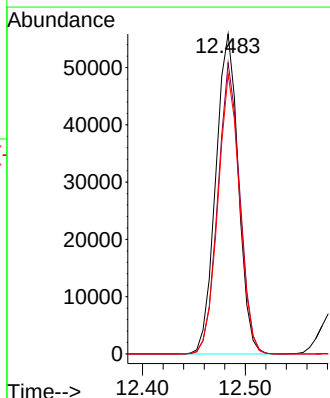
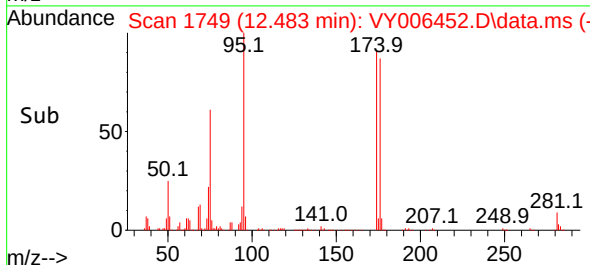
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

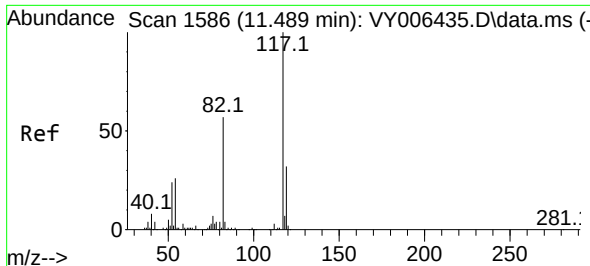


#62
4-Bromofluorobenzene
Concen: 52.398 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19



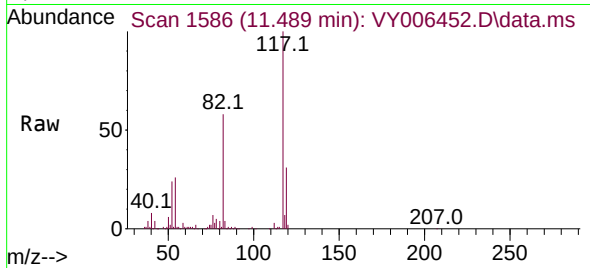
Tgt Ion: 95 Resp: 85107
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 84.4 0.0 169.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

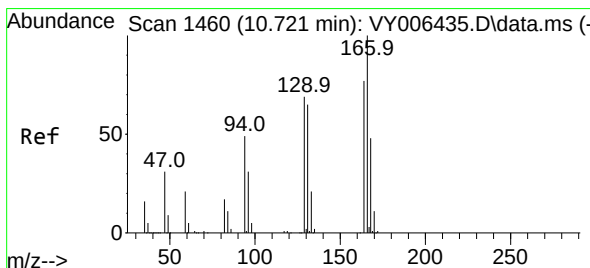
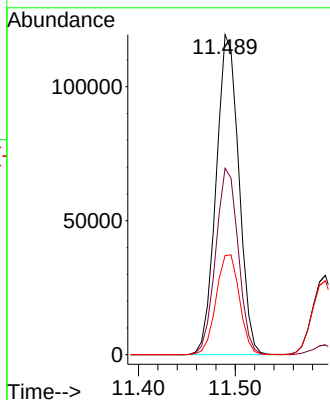
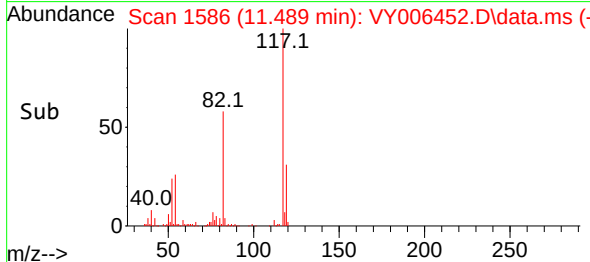
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 19442
Ion Ratio Lower Upper
117 100
82 58.3 45.7 68.5
119 30.9 25.5 38.3

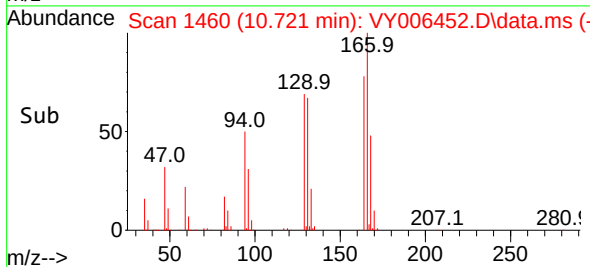
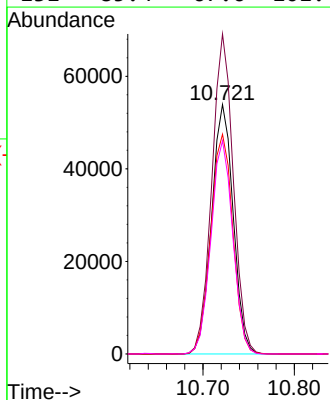
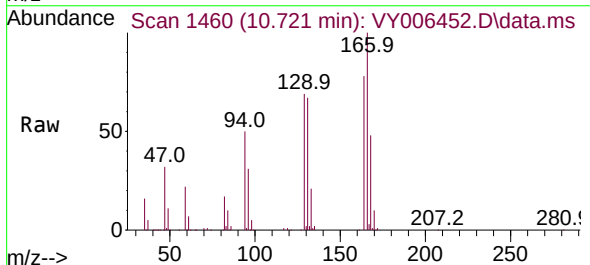
Manual Integrations
APPROVED

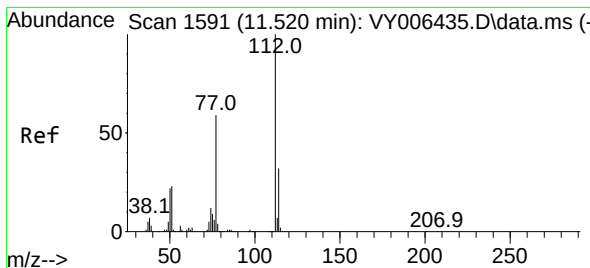
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#64
Tetrachloroethene
Concen: 52.193 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

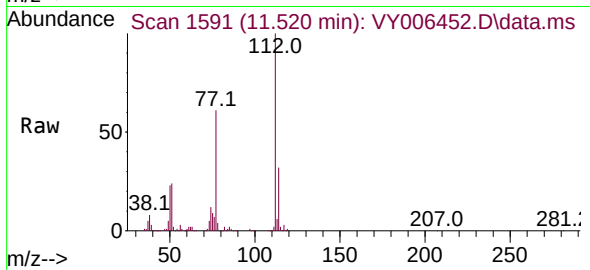
Tgt Ion:164 Resp: 88730
Ion Ratio Lower Upper
164 100
166 128.3 103.3 154.9
129 88.1 71.2 106.8
131 85.4 67.6 101.4





#65
Chlorobenzene
Concen: 50.966 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

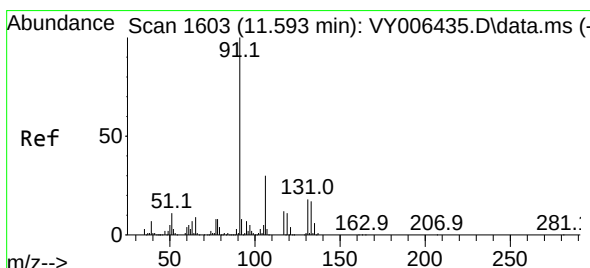
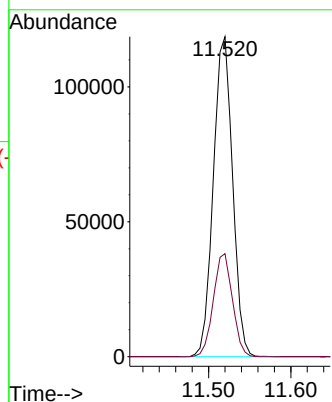
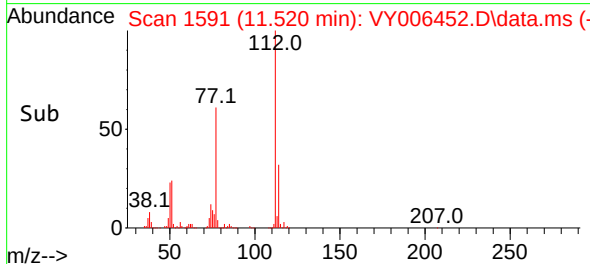
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



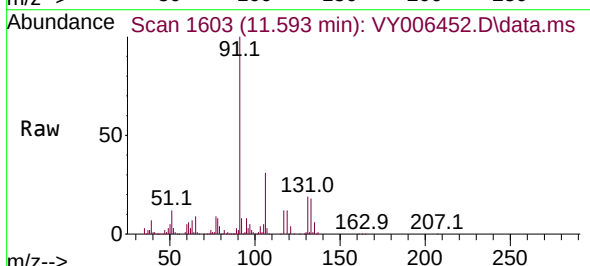
Tgt Ion:112 Resp: 192849
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8

Manual Integrations
APPROVED

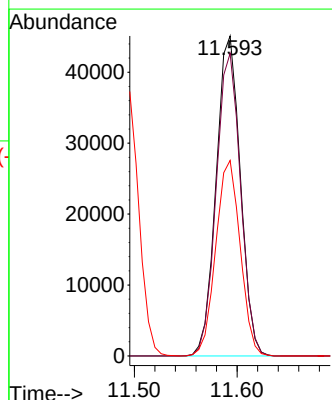
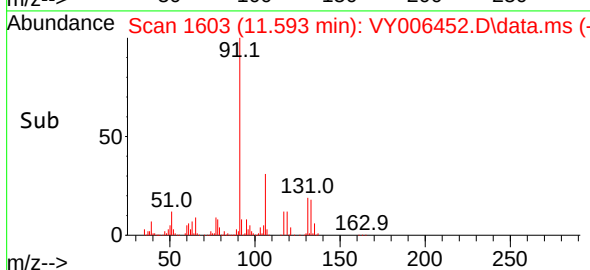
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

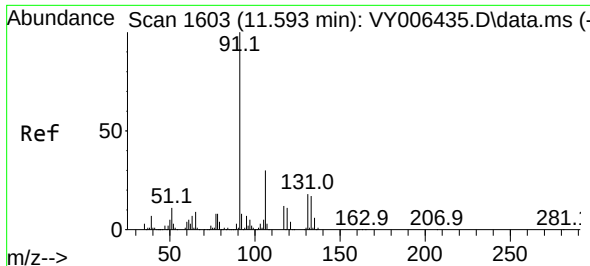


#66
1,1,1,2-Tetrachloroethane
Concen: 51.838 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19



Tgt Ion:131 Resp: 73839
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.3
119 61.6 30.8 92.4





#67

Ethyl Benzene

Concen: 51.268 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 369378

Ion Ratio Lower Upper

91 100

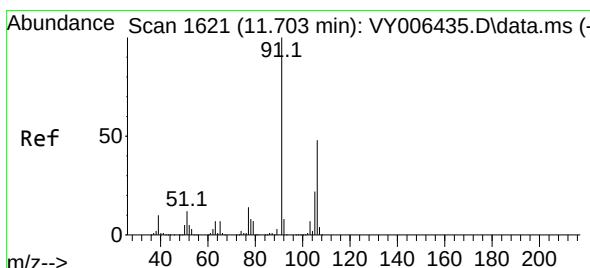
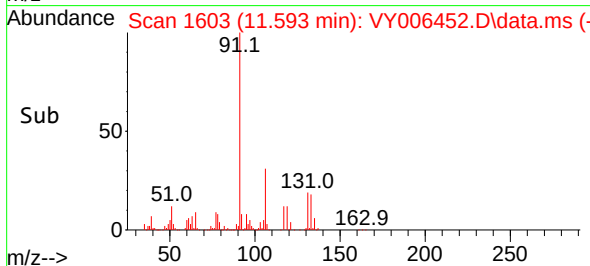
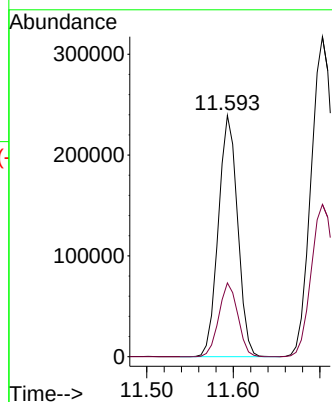
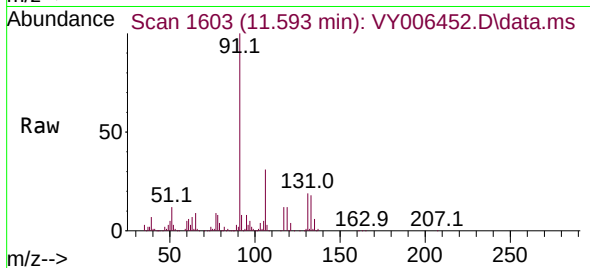
106 30.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#68

m/p-Xylenes

Concen: 102.574 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY006452.D

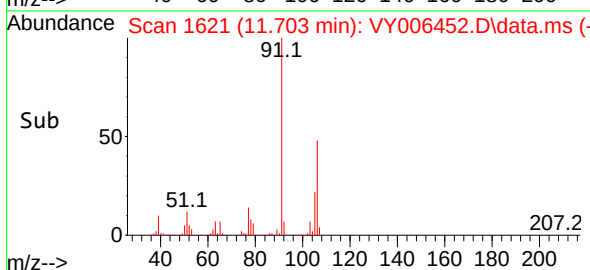
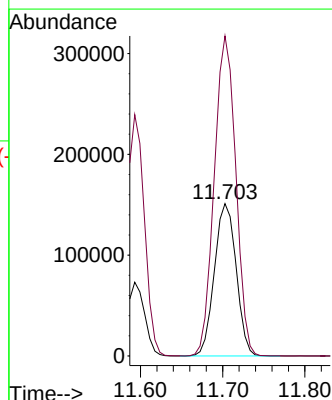
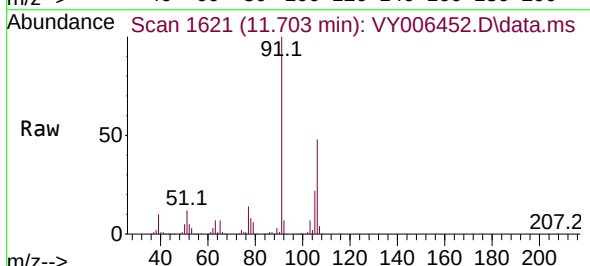
Acq: 22 Oct 2021 20:19

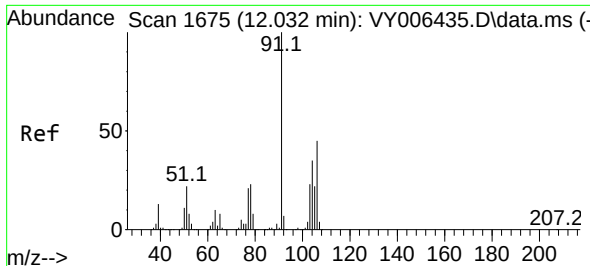
Tgt Ion:106 Resp: 278023

Ion Ratio Lower Upper

106 100

91 208.3 167.5 251.3





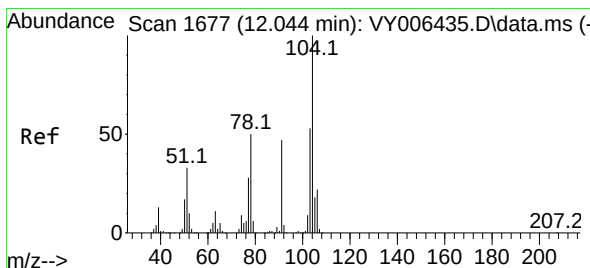
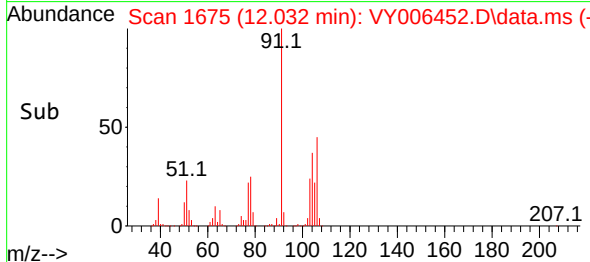
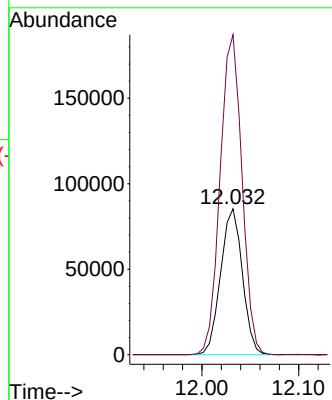
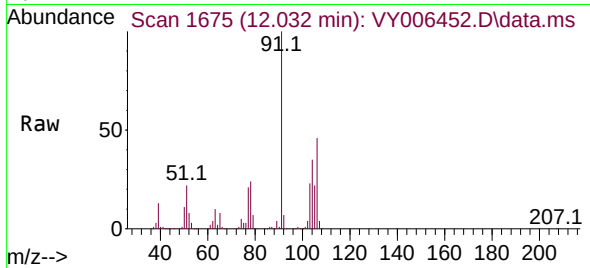
#69
o-Xylene
Concen: 51.476 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 133134
Ion Ratio Lower Upper
106 100
91 220.4 110.3 330.9

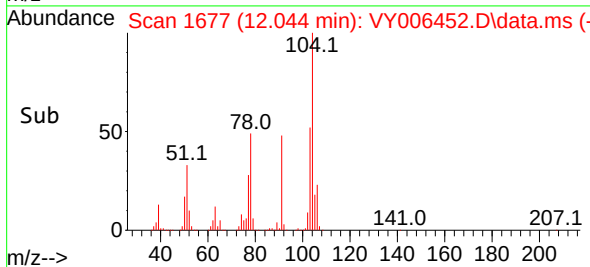
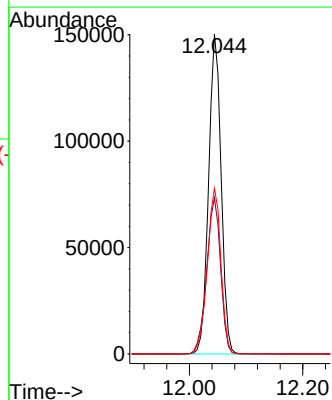
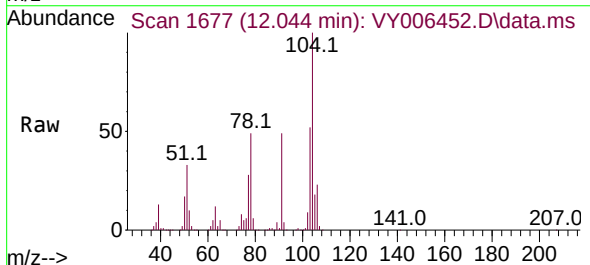
Manual Integrations
APPROVED

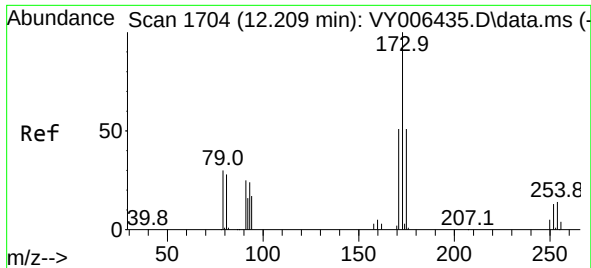
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#70
Styrene
Concen: 51.970 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

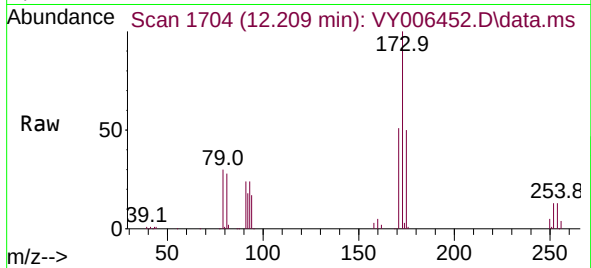
Tgt Ion:104 Resp: 229815
Ion Ratio Lower Upper
104 100
78 54.0 42.6 63.8
103 56.4 44.6 67.0





#71
Bromoform
Concen: 51.286 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

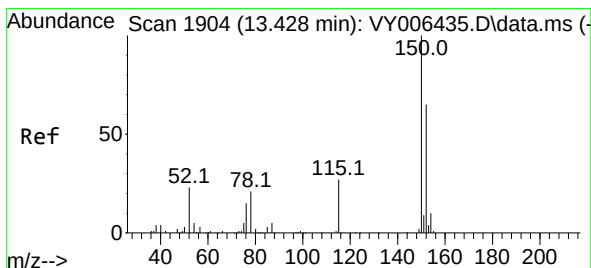
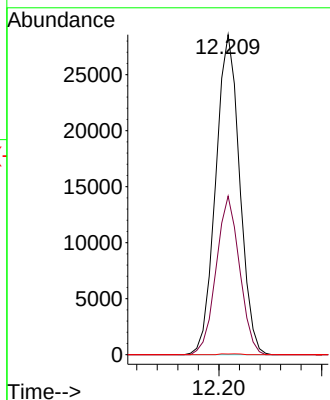
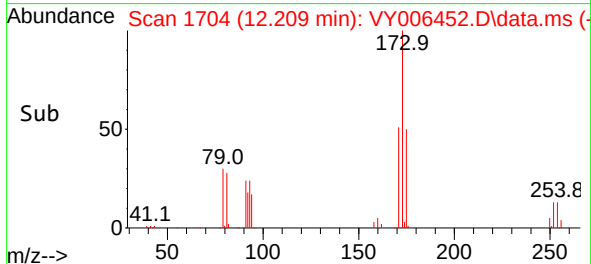
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 46178
Ion Ratio Lower Upper
173 100
175 48.4 24.8 74.3
254 0.2 0.1 0.1

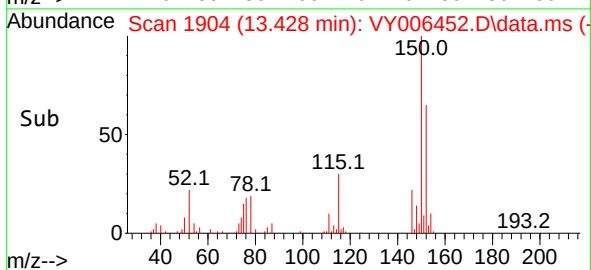
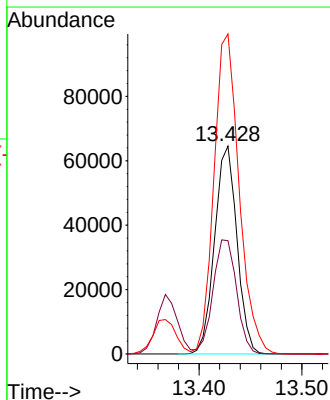
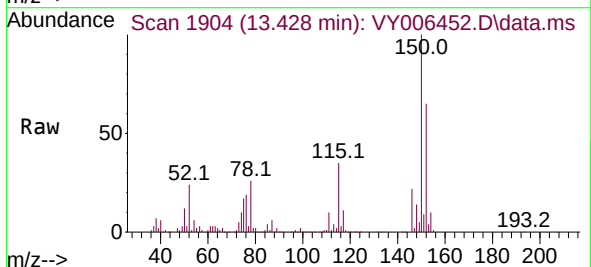
Manual Integrations
APPROVED

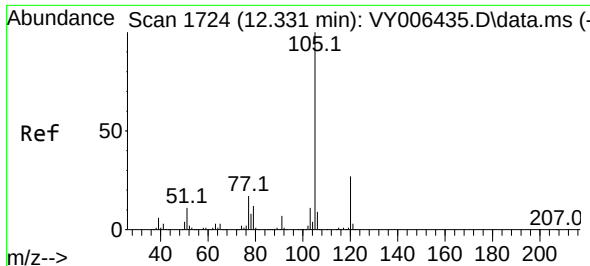
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

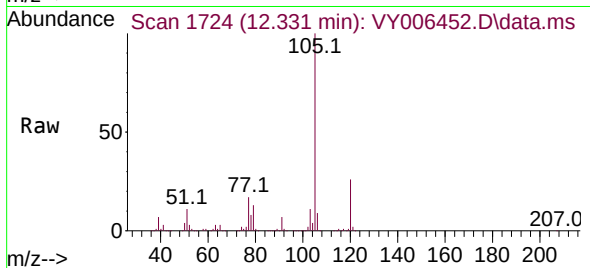
Tgt Ion:152 Resp: 97539
Ion Ratio Lower Upper
152 100
115 58.1 28.5 85.5
150 173.1 0.0 348.2





#73
Isopropylbenzene
Concen: 51.237 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

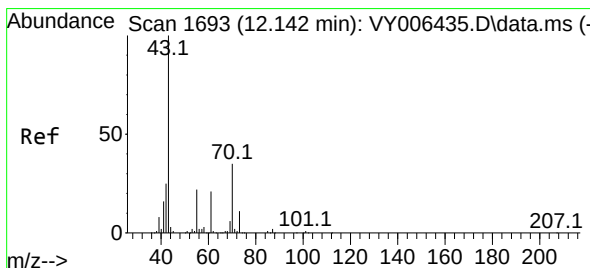
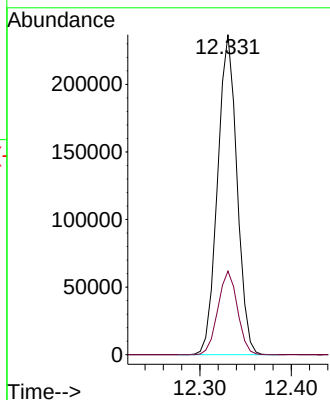
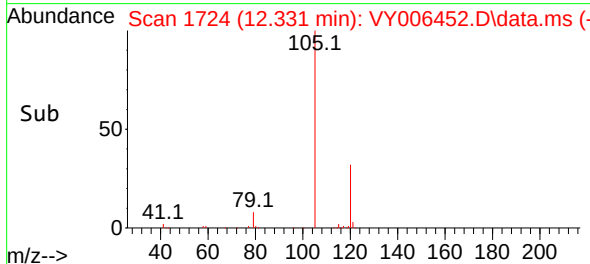
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 349588
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

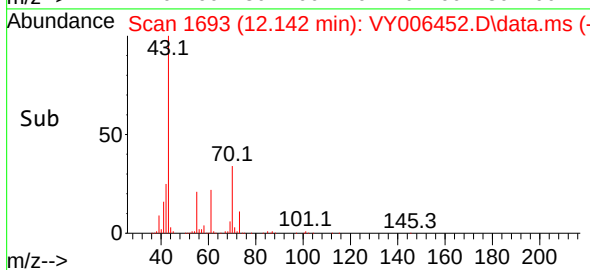
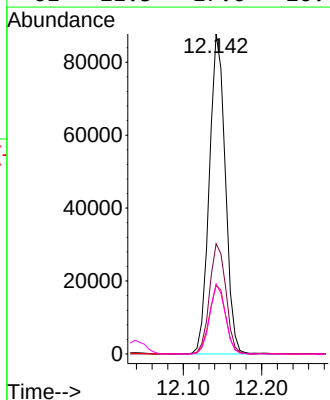
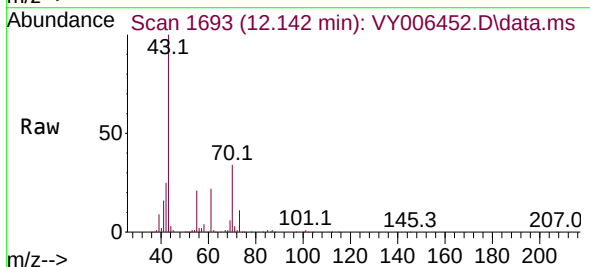
Manual Integrations
APPROVED

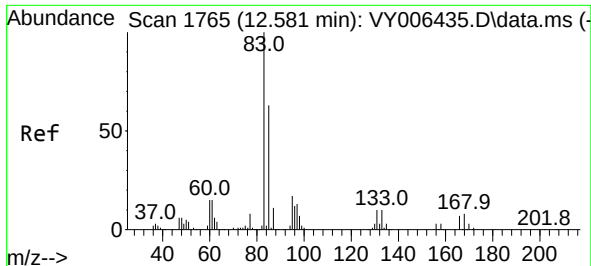
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#74
N-ethyl acetate
Concen: 54.905 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Tgt Ion: 43 Resp: 124271
Ion Ratio Lower Upper
43 100
70 35.1 29.4 44.0
55 22.0 18.1 27.1
61 21.3 17.6 26.4





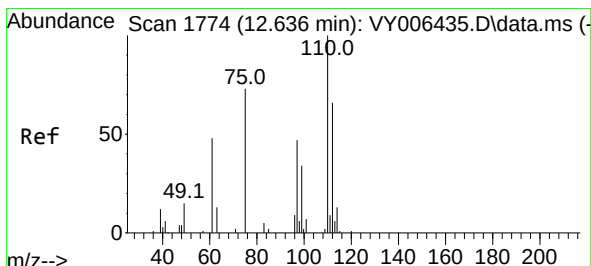
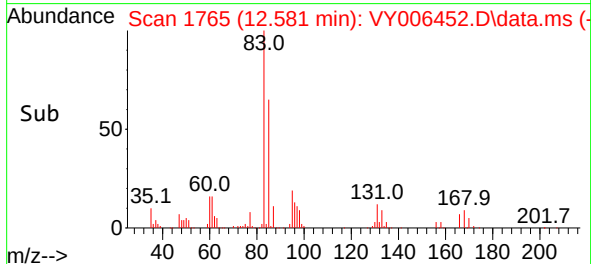
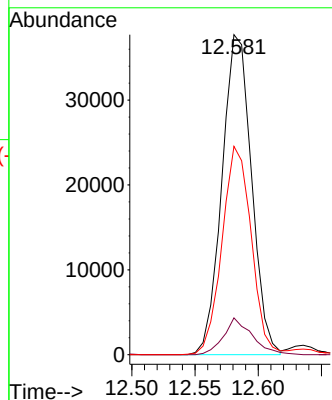
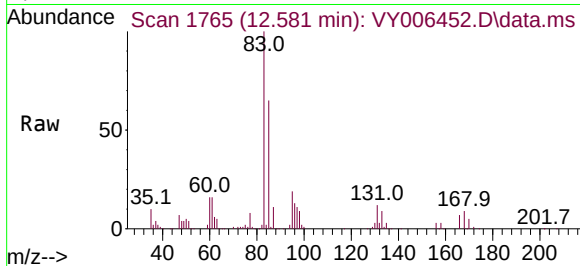
#75
1,1,2,2-Tetrachloroethane
Concen: 51.917 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 61320
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.4
85 64.5 31.9 95.9

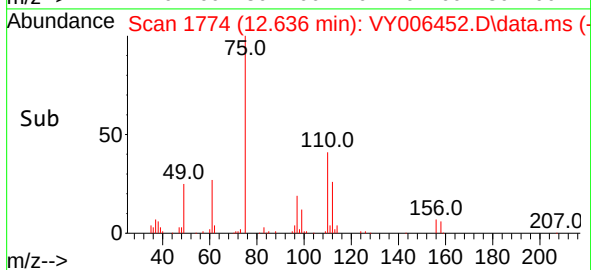
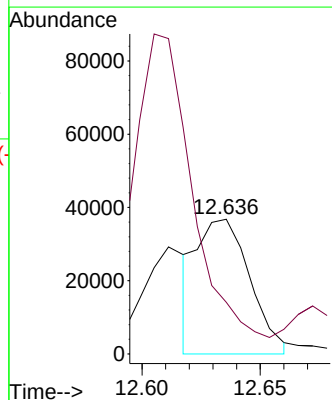
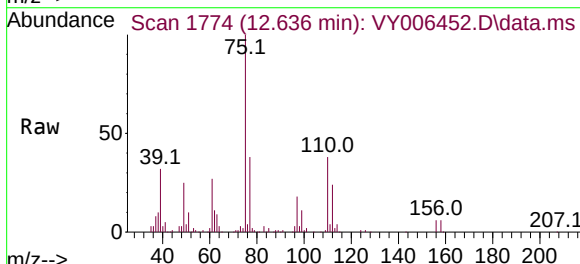
Manual Integrations
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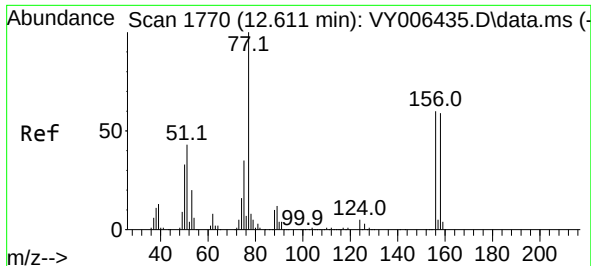
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#76
1,2,3-Trichloropropane
Concen: 57.020 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Tgt Ion: 75 Resp: 57312
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





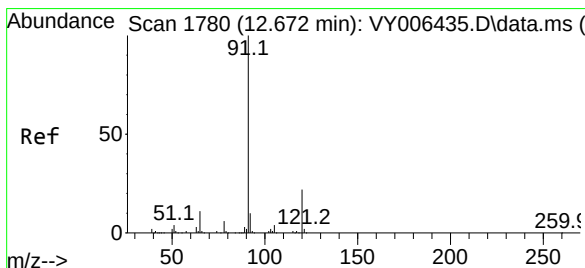
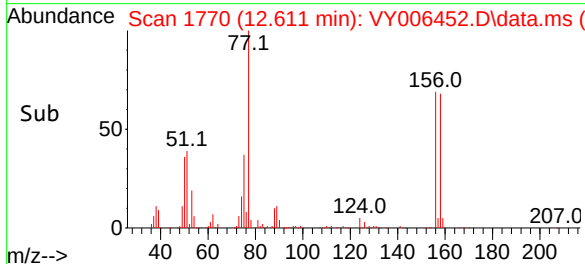
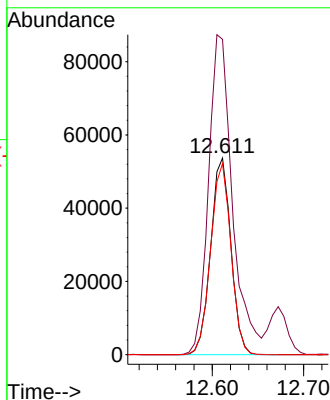
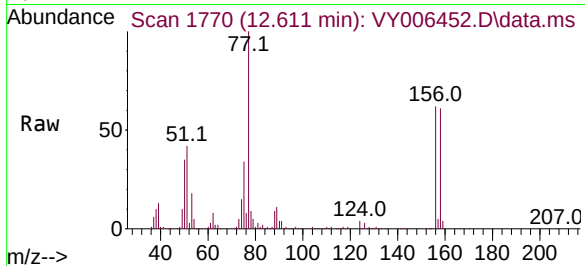
#77
Bromobenzene
Concen: 51.475 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 82740
Ion Ratio Lower Upper
156 100
77 191.7 94.2 282.4
158 97.5 48.6 145.8

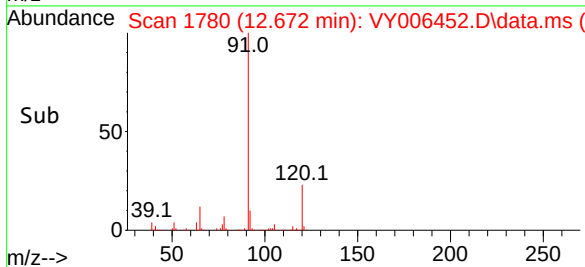
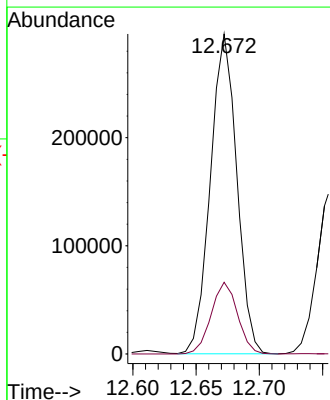
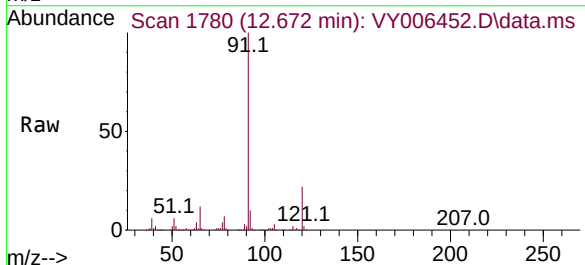
Manual Integrations
APPROVED

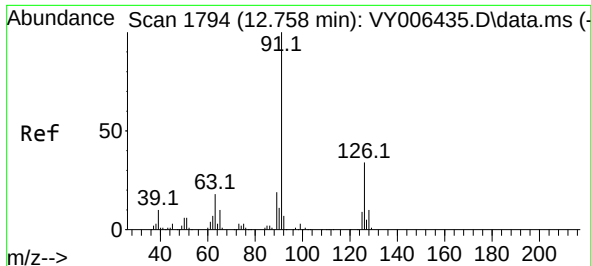
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#78
n-propylbenzene
Concen: 50.896 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

Tgt Ion: 91 Resp: 429159
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8





#79

2-Chlorotoluene

Concen: 51.555 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 24066

Ion Ratio Lower Upper

91 100

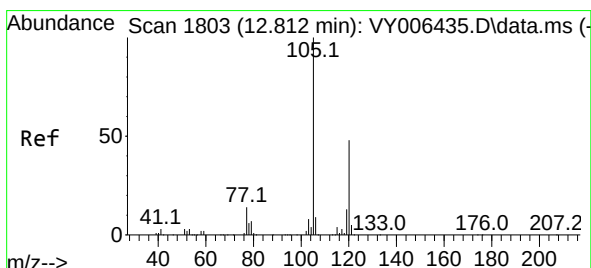
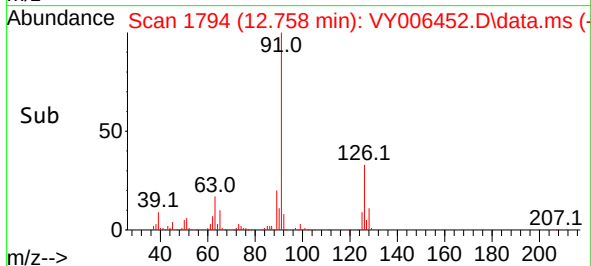
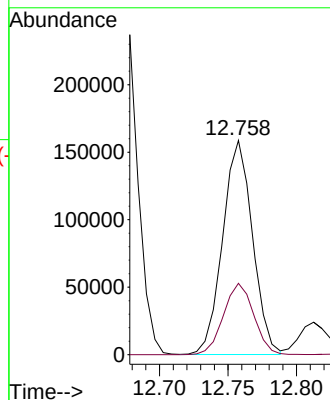
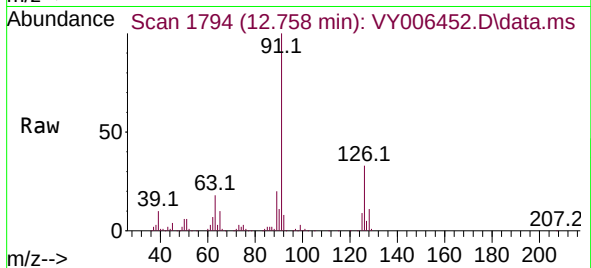
126 33.8 17.1 51.2

Manual Integrations

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Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#80

1,3,5-Trimethylbenzene

Concen: 51.536 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY006452.D

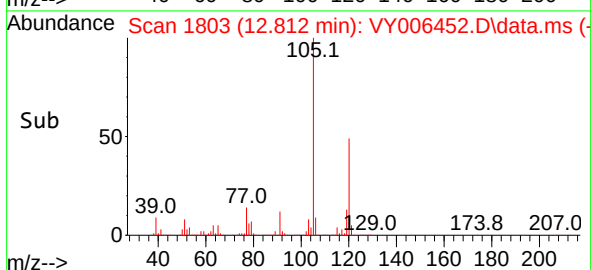
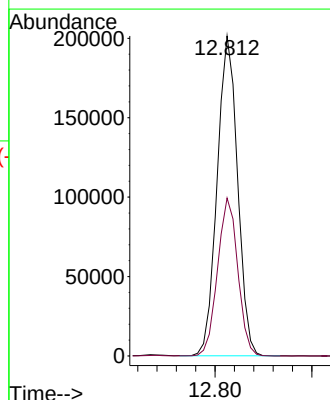
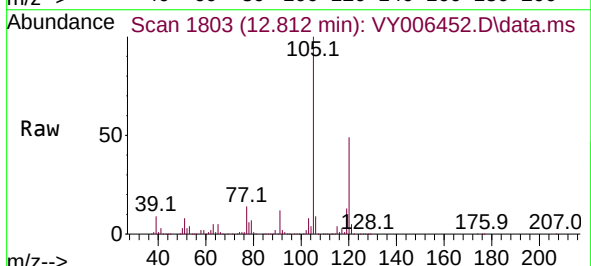
Acq: 22 Oct 2021 20:19

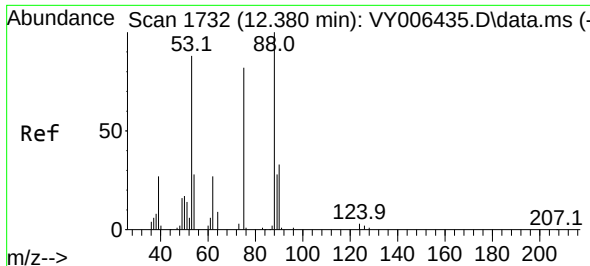
Tgt Ion:105 Resp: 294433

Ion Ratio Lower Upper

105 100

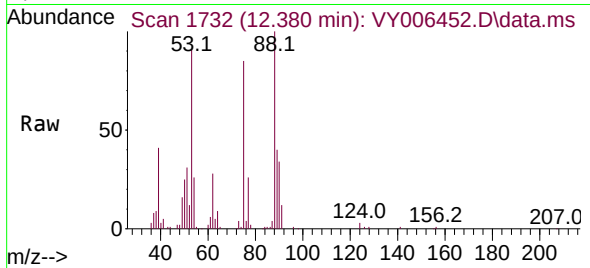
120 48.9 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 51.369 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

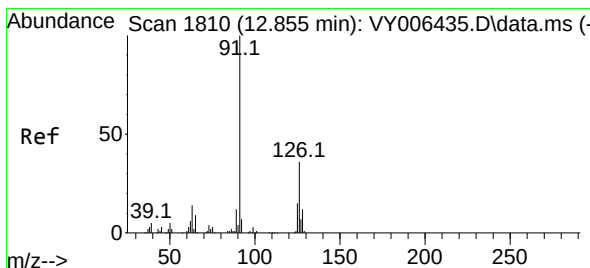
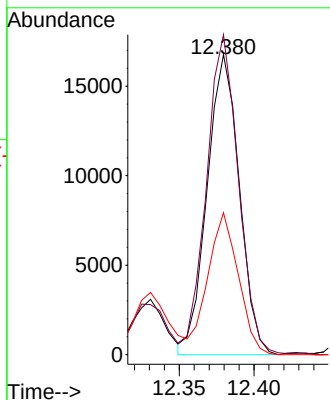
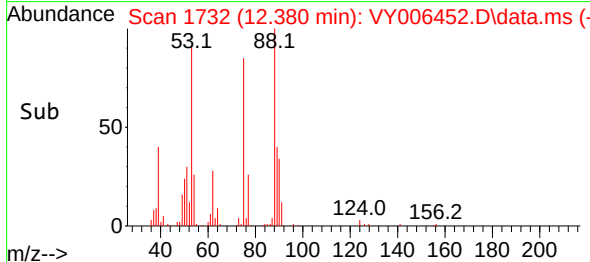
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 25150
Ion Ratio Lower Upper
75 100
53 105.8 85.8 128.6
89 44.6 39.3 58.9

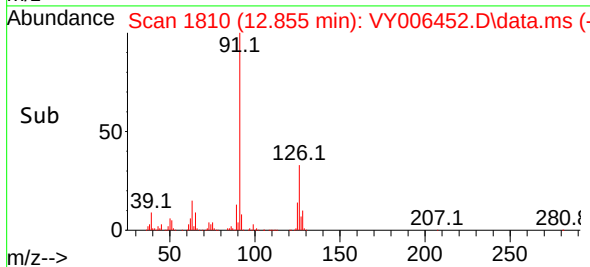
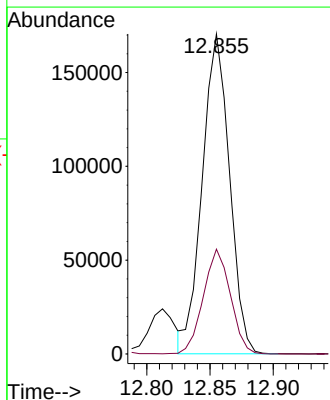
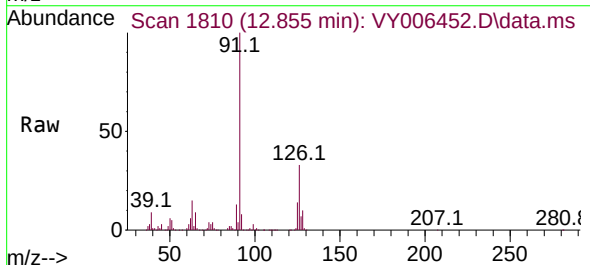
Manual Integrations
APPROVED

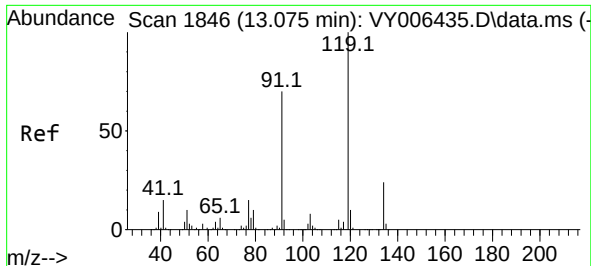
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#82
4-Chlorotoluene
Concen: 52.523 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

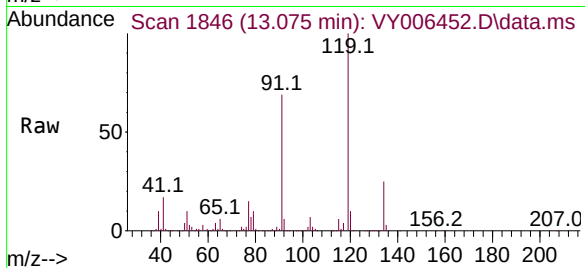
Tgt Ion: 91 Resp: 255479
Ion Ratio Lower Upper
91 100
126 32.6 16.8 50.4





#83
tert-Butylbenzene
Concen: 50.490 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

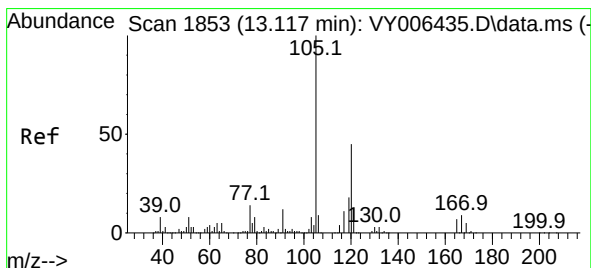
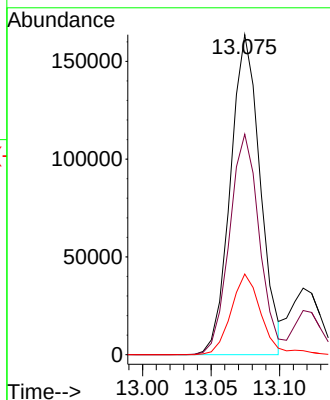
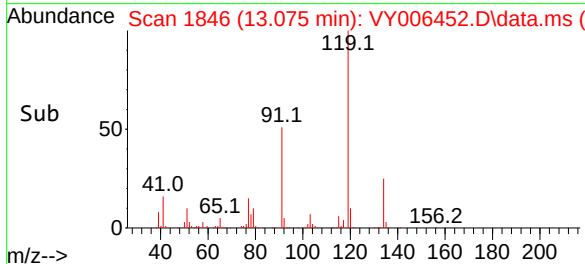
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



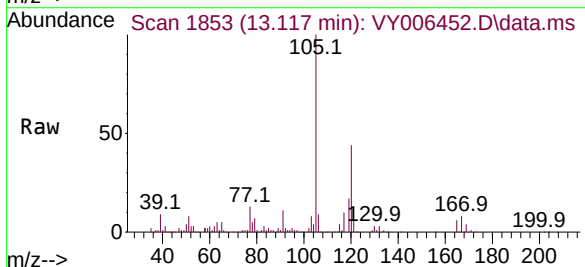
Tgt Ion:119 Resp: 247880
Ion Ratio Lower Upper
119 100
91 69.8 34.8 104.5
134 25.6 13.0 38.9

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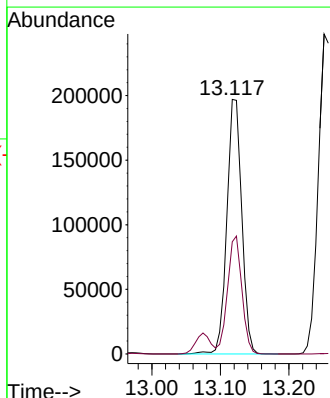
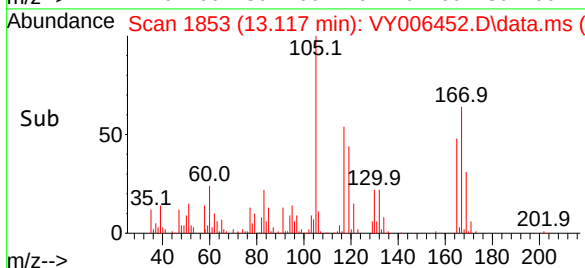
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

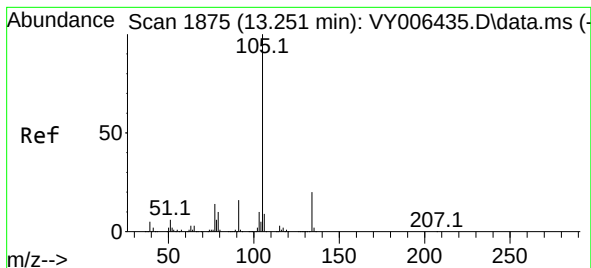


#84
1,2,4-Trimethylbenzene
Concen: 51.923 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19



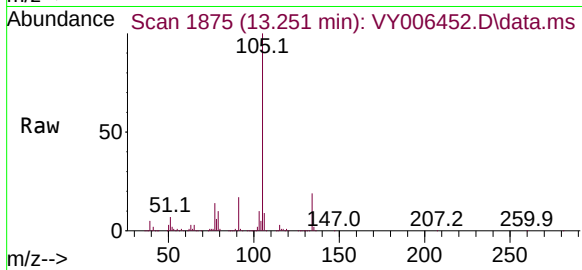
Tgt Ion:105 Resp: 296608
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 50.606 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY006452.D
 Acq: 22 Oct 2021 20:19

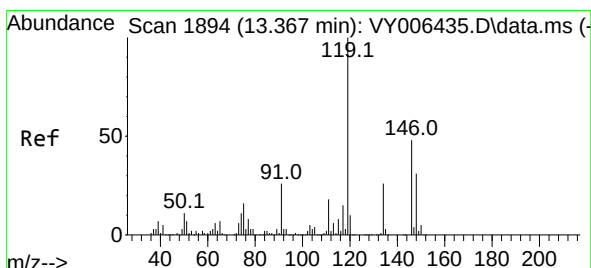
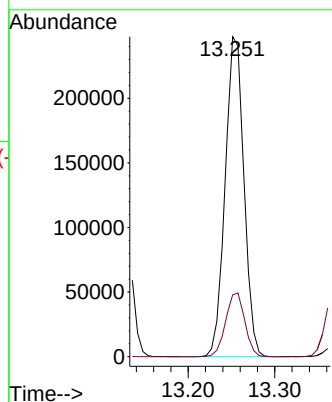
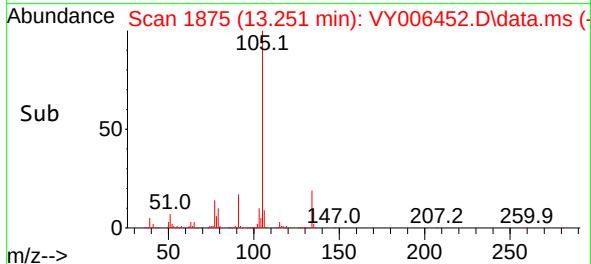
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



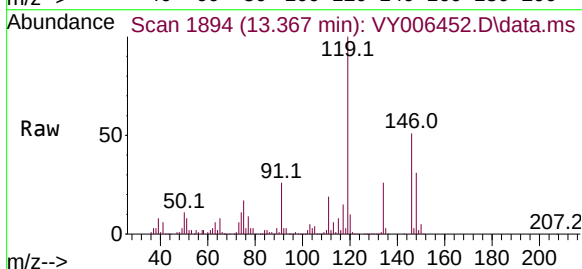
Tgt Ion:105 Resp: 37305
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3

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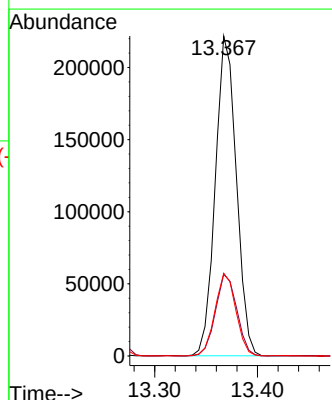
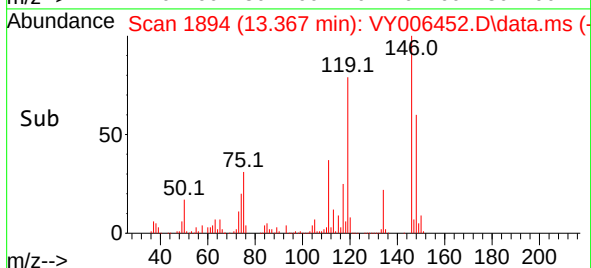
Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

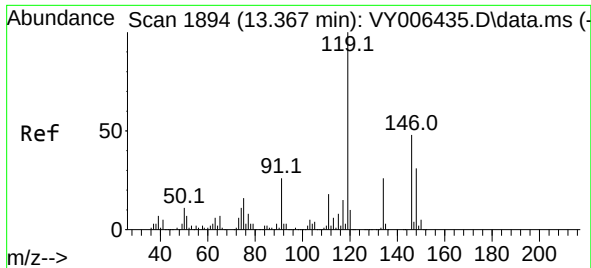


#86
 p-Isopropyltoluene
 Concen: 50.094 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY006452.D
 Acq: 22 Oct 2021 20:19



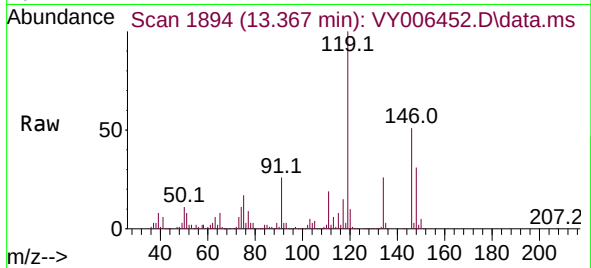
Tgt Ion:119 Resp: 315041
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 25.5 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 50.724 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

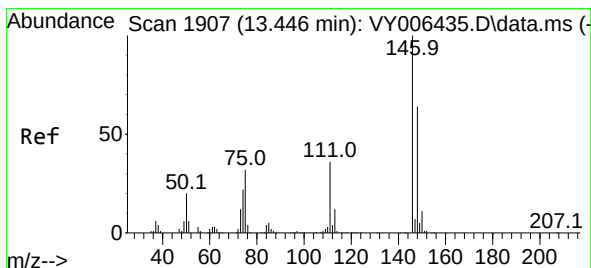
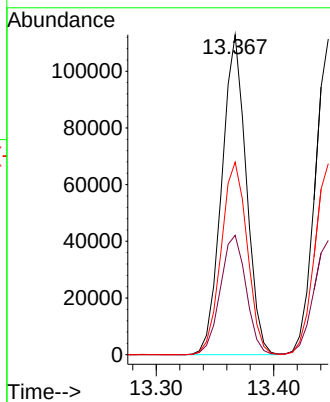
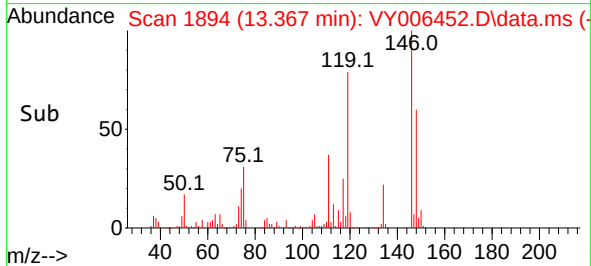
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



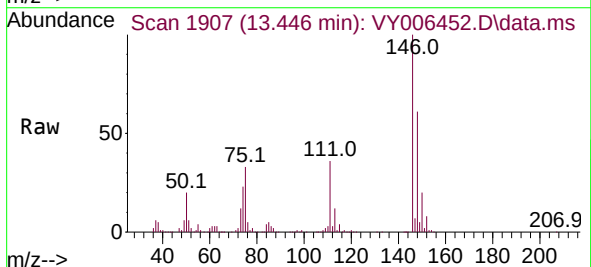
Tgt Ion:146 Resp: 163649
Ion Ratio Lower Upper
146 100
111 39.3 19.3 57.9
148 63.9 31.9 95.7

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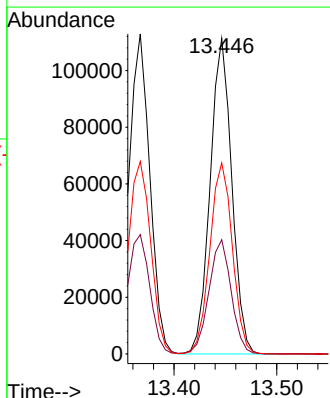
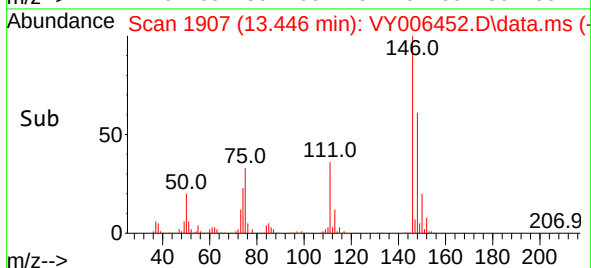
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

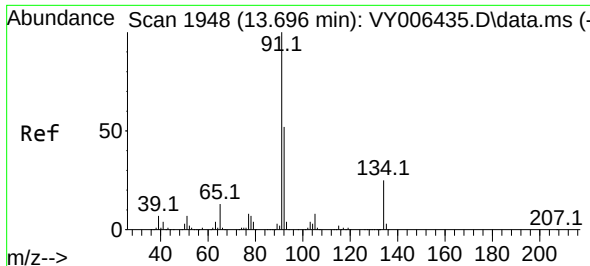


#88
1,4-Dichlorobenzene
Concen: 51.405 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19



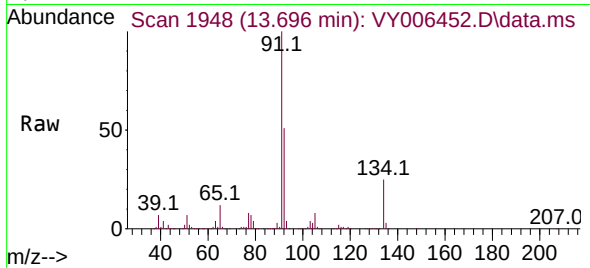
Tgt Ion:146 Resp: 163067
Ion Ratio Lower Upper
146 100
111 37.4 18.9 56.5
148 63.1 32.0 96.2





#89
n-Butylbenzene
Concen: 50.615 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

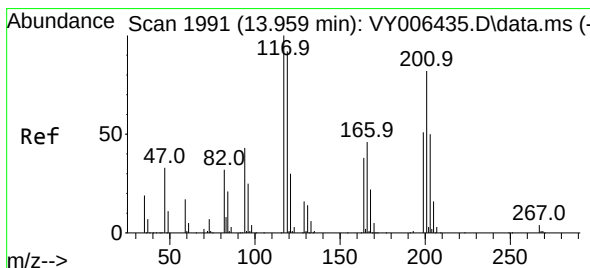
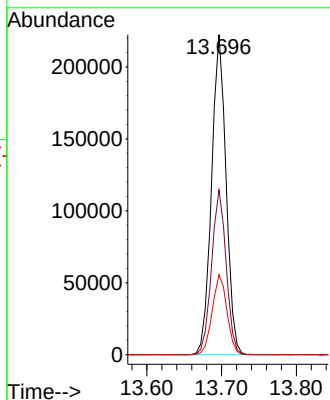
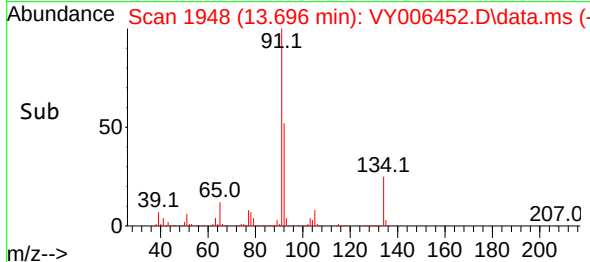
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 299438
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.9
134 25.4 12.9 38.7

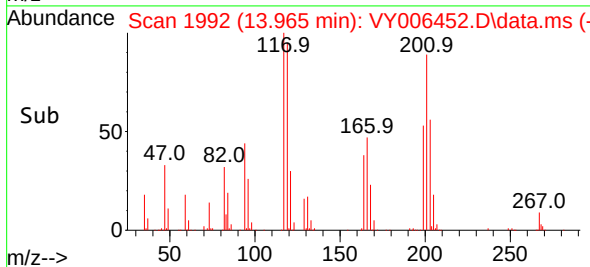
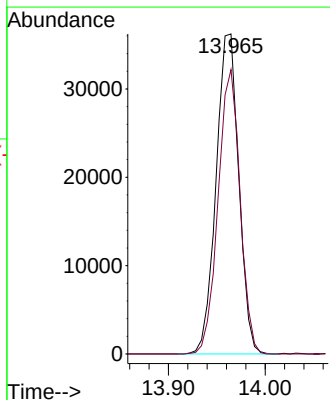
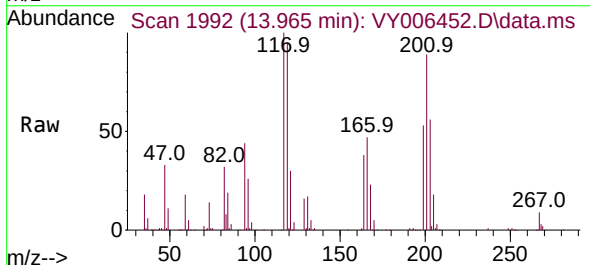
Manual Integrations
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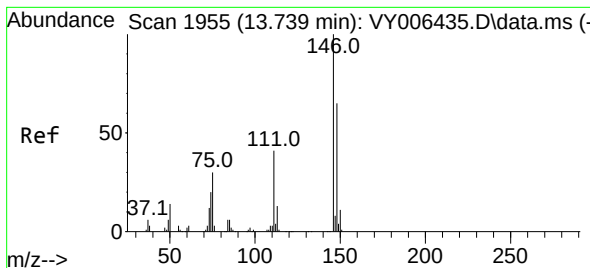
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#90
Hexachloroethane
Concen: 51.872 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

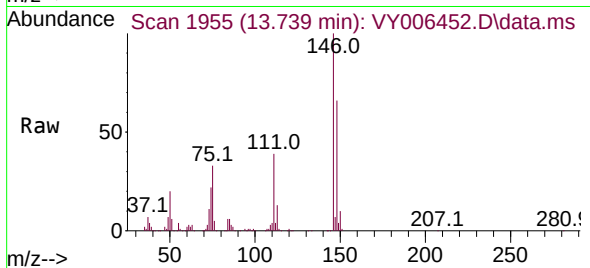
Tgt Ion:117 Resp: 58917
Ion Ratio Lower Upper
117 100
201 85.9 43.4 130.1





#91
1,2-Dichlorobenzene
Concen: 51.636 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

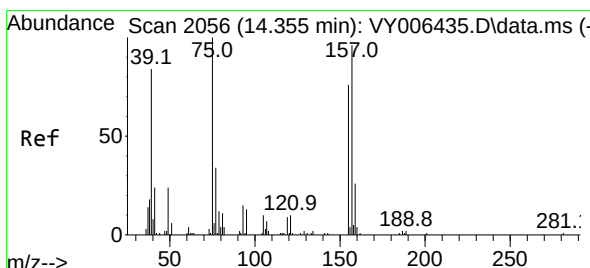
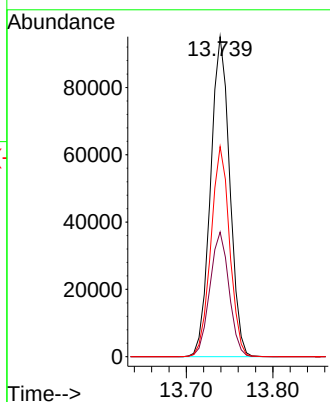
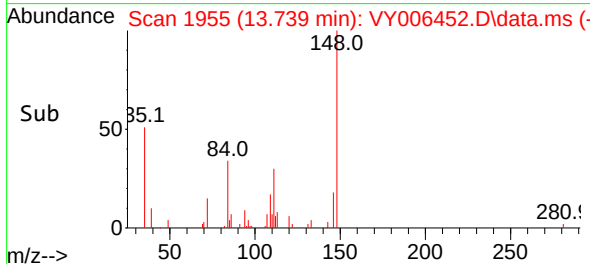
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



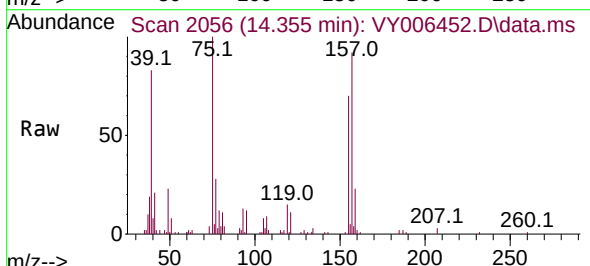
Tgt Ion:146 Resp: 14612
Ion Ratio Lower Upper
146 100
111 39.0 20.1 60.3
148 64.3 31.9 95.7

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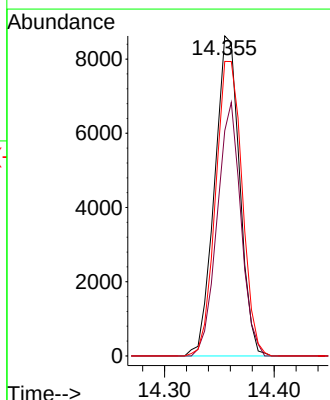
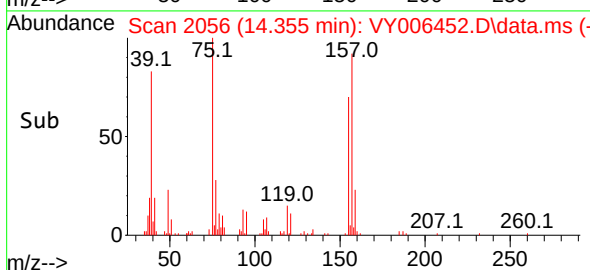
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

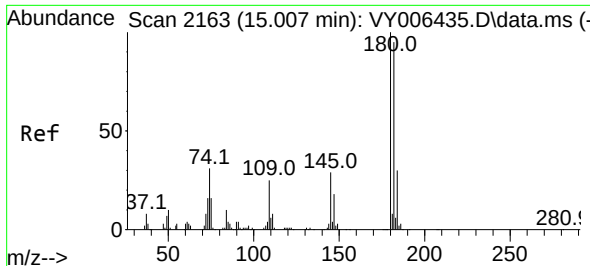


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.636 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19



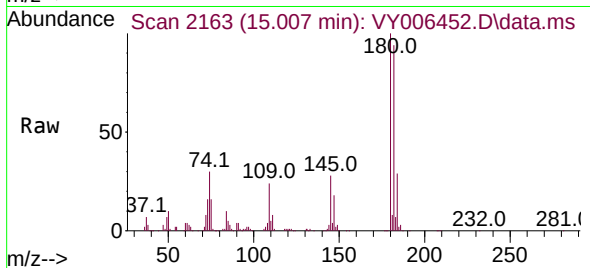
Tgt Ion: 75 Resp: 13701
Ion Ratio Lower Upper
75 100
155 74.9 39.0 116.9
157 97.3 49.2 147.6





#93
1,2,4-Trichlorobenzene
Concen: 51.200 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19

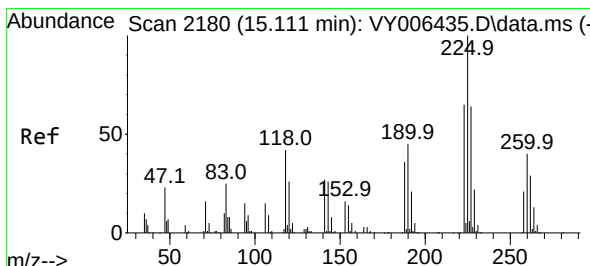
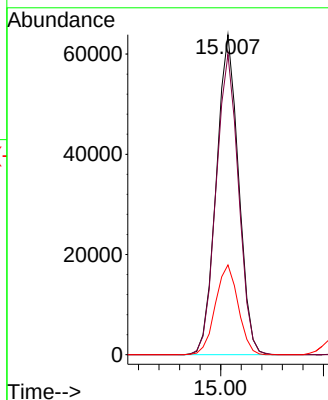
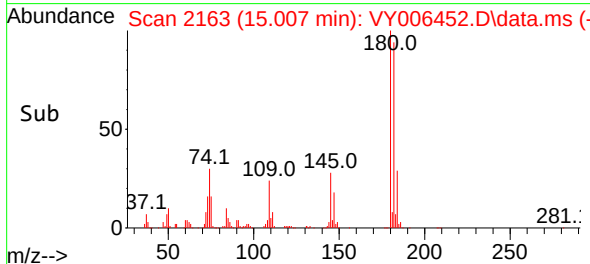
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



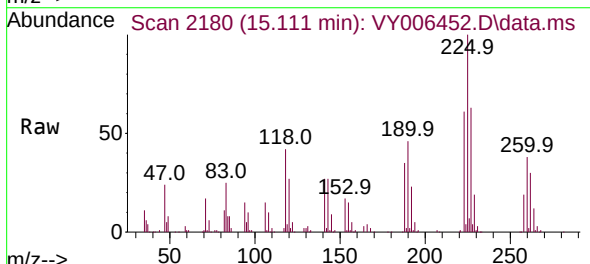
Tgt Ion:180 Resp: 95648
Ion Ratio Lower Upper
180 100
182 94.8 47.1 141.4
145 28.8 14.5 43.6

Manual Integrations
APPROVED

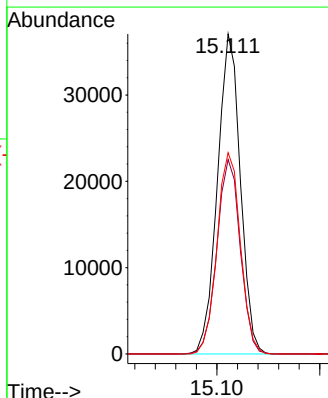
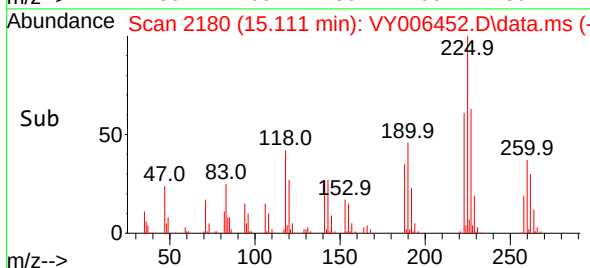
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

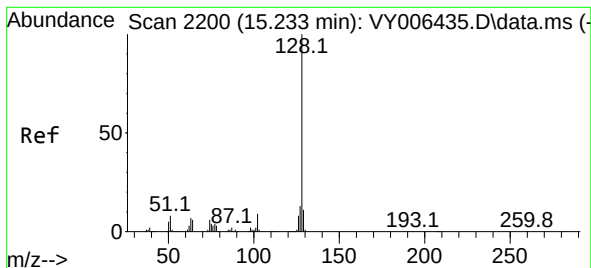


#94
Hexachlorobutadiene
Concen: 47.792 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY006452.D
Acq: 22 Oct 2021 20:19



Tgt Ion:225 Resp: 57222
Ion Ratio Lower Upper
225 100
223 62.0 31.6 94.7
227 64.2 31.9 95.9





#95

Naphthalene

Concen: 54.288 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

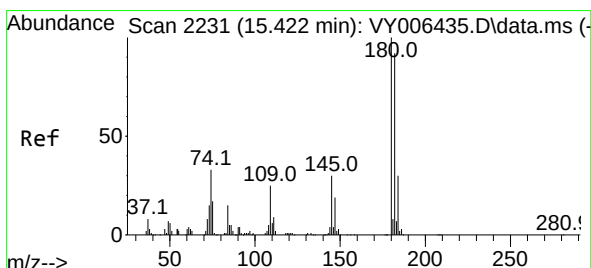
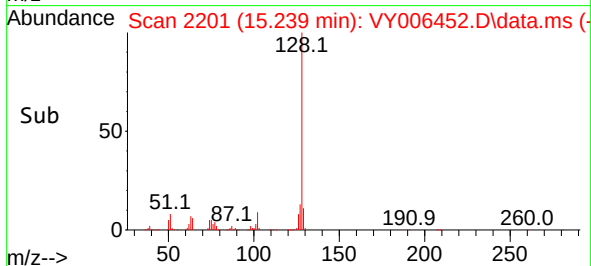
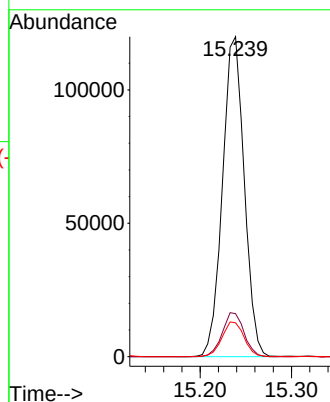
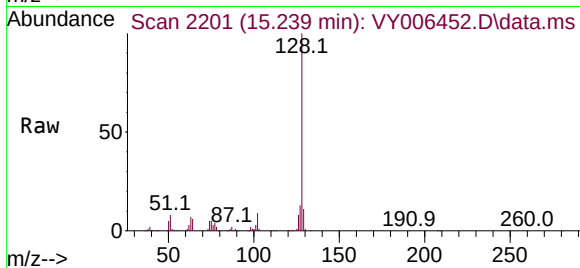
Tgt Ion:128 Resp: 19851

Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.0	16.4
129	11.0	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: 52.348 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY006452.D

Acq: 22 Oct 2021 20:19

Tgt Ion:180 Resp: 85639

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.4
145	30.1	15.3	45.8

