

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006440.D
 Acq On : 22 Oct 2021 15:38
 Operator : SY/MD
 Sample : VY1022SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Quant Time: Oct 23 07:05:34 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	132474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	195558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84499	51.834	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.660%			
35) Dibromofluoromethane	7.722	113	59611	51.829	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.660%			
50) Toluene-d8	10.185	98	254358	52.169	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.340%			
62) 4-Bromofluorobenzene	12.483	95	85920	52.313	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	25246	20.616	ug/l	96
3) Chloromethane	2.119	50	34223	20.705	ug/l	99
4) Vinyl Chloride	2.260	62	37944	20.555	ug/l	99
5) Bromomethane	2.650	94	27549	22.401	ug/l	97
6) Chloroethane	2.802	64	23193	21.277	ug/l	97
7) Trichlorofluoromethane	3.131	101	50040	21.348	ug/l	99
8) Diethyl Ether	3.540	74	17245	22.465	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	26945	22.579	ug/l	97
10) Methyl Iodide	4.101	142	19733	18.652	ug/l	99
11) Tert butyl alcohol	4.973	59	15372	103.798	ug/l	98
12) 1,1-Dichloroethene	3.881	96	26316	22.003	ug/l	97
13) Acrolein	3.735	56	12730	124.338	ug/l	100
14) Allyl chloride	4.491	41	56244	22.848	ug/l	97
15) Acrylonitrile	5.174	53	46773	108.197	ug/l	100
16) Acetone	3.954	43	43598	92.880	ug/l	99
17) Carbon Disulfide	4.204	76	82555	21.045	ug/l	100
18) Methyl Acetate	4.485	43	32969	21.660	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	83492	21.774	ug/l	98
20) Methylene Chloride	4.729	84	40784	26.060	ug/l	98
21) trans-1,2-Dichloroethene	5.229	96	29629	21.846	ug/l	96
22) Diisopropyl ether	6.125	45	116014	23.647	ug/l	99
23) Vinyl Acetate	6.070	43	337321	113.047	ug/l	100
24) 1,1-Dichloroethane	6.027	63	58435	22.779	ug/l	97
25) 2-Butanone	6.990	43	63011	102.463	ug/l	100
26) 2,2-Dichloropropane	6.990	77	51466	21.093	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	34908	22.545	ug/l	99
28) Bromochloromethane	7.338	49	21429	20.589	ug/l	98
29) Tetrahydrofuran	7.356	42	35447	93.952	ug/l	98
30) Chloroform	7.515	83	52557	19.839	ug/l	93
31) Cyclohexane	7.789	56	49526	18.766	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	49292	20.150	ug/l	98
36) 1,1-Dichloropropene	7.929	75	37991	18.633	ug/l	99
37) Ethyl Acetate	7.082	43	27936	21.650	ug/l	99
38) Carbon Tetrachloride	7.911	117	43871	19.505	ug/l	98
39) Methylcyclohexane	9.185	83	46494	18.732	ug/l	98
40) Benzene	8.167	78	113377	19.496	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	15073m	20.586	ug/l	
42) 1,2-Dichloroethane	8.240	62	39831	19.180	ug/l	99
43) Isopropyl Acetate	8.283	43	47617	19.022	ug/l	99
44) Trichloroethene	8.947	130	29632	19.758	ug/l	96
45) 1,2-Dichloropropane	9.222	63	27453	19.059	ug/l	97
46) Dibromomethane	9.307	93	15422	19.505	ug/l	98
47) Bromodichloromethane	9.502	83	39808	19.354	ug/l	100
48) Methyl methacrylate	9.295	41	21830	18.816	ug/l	97
49) 1,4-Dioxane	9.307	88	4113	383.164	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	122066	93.023	ug/l	100
52) Toluene	10.246	92	71353	19.556	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	42729	19.284	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	46802	19.495	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	21024	19.231	ug/l	96
56) Ethyl methacrylate	10.514	69	32036	18.968	ug/l	99
57) 1,3-Dichloropropane	10.789	76	38318	19.286	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	75679	98.227	ug/l	99
59) 2-Hexanone	10.837	43	86477	91.056	ug/l	100
60) Dibromochloromethane	10.990	129	26195	19.426	ug/l	98
61) 1,2-Dibromoethane	11.093	107	19851	19.287	ug/l	97
64) Tetrachloroethene	10.721	164	31544	18.447	ug/l	93
65) Chlorobenzene	11.520	112	73452	19.300	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	27359	19.096	ug/l	99
67) Ethyl Benzene	11.593	91	138770	19.149	ug/l	99
68) m/p-Xylenes	11.703	106	104311	38.261	ug/l	98
69) o-Xylene	12.032	106	50318	19.342	ug/l	99
70) Styrene	12.044	104	85039	19.119	ug/l	99
71) Bromoform	12.209	173	16857	18.613	ug/l #	98
73) Isopropylbenzene	12.331	105	133882	19.853	ug/l	100
74) N-amyl acetate	12.142	43	43595	19.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	22818	19.545	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	20420m	20.555	ug/l	
77) Bromobenzene	12.611	156	31300	19.700	ug/l	99
78) n-propylbenzene	12.672	91	164665	19.758	ug/l	99
79) 2-Chlorotoluene	12.758	91	93010	20.159	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	114086	20.204	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9272	19.161	ug/l	97
82) 4-Chlorotoluene	12.855	91	97468	20.274	ug/l	100
83) tert-Butylbenzene	13.075	119	96148	19.815	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	113882	20.170	ug/l	99
85) sec-Butylbenzene	13.252	105	147236	20.208	ug/l	100
86) p-Isopropyltoluene	13.367	119	123591	19.883	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	63319	19.857	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	63359	20.208	ug/l	99
89) n-Butylbenzene	13.697	91	118011	20.183	ug/l	100
90) Hexachloroethane	13.959	117	22452	20.000	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	55697	19.914	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4676	18.866	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	37601	20.365	ug/l	99
94) Hexachlorobutadiene	15.111	225	24216	20.464	ug/l	99
95) Naphthalene	15.239	128	69751	19.300	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	32113	19.861	ug/l	99

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ClientSampleId :
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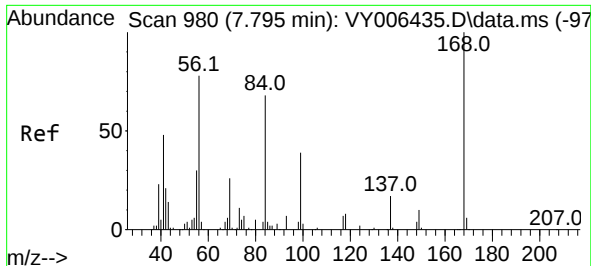
Manual Integrations
APPROVED

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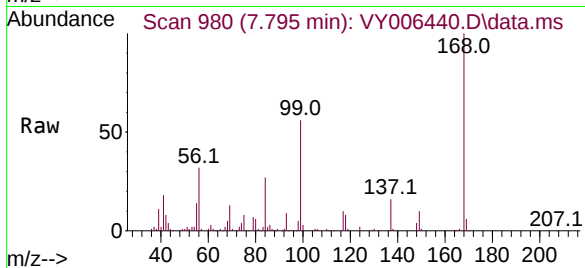
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006440.D
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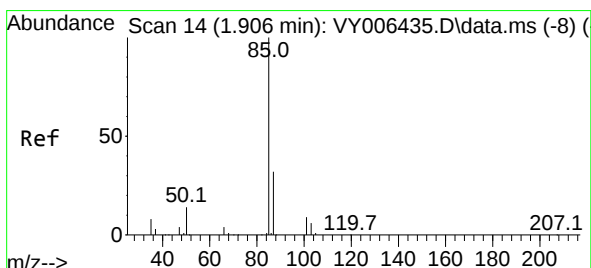
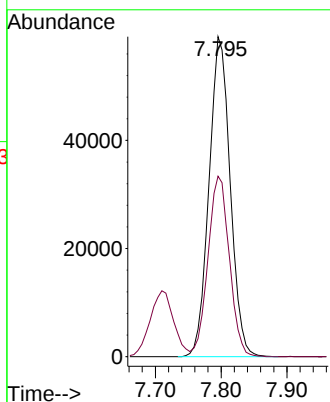
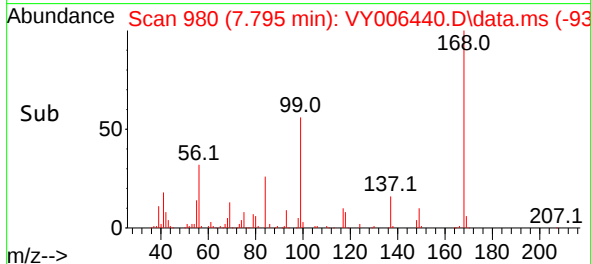
Instrument :
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ClientSampleId :
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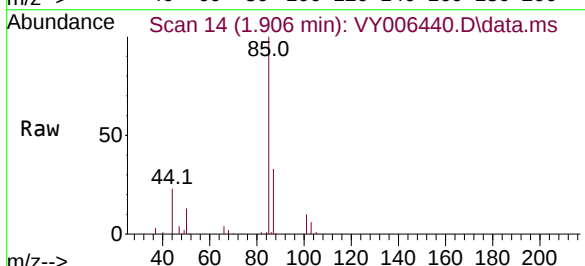
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Ion Ratio Lower Upper
168 100
99 56.4 44.8 67.2

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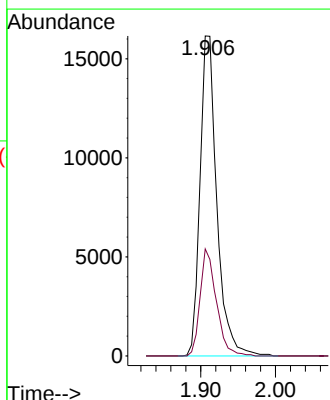
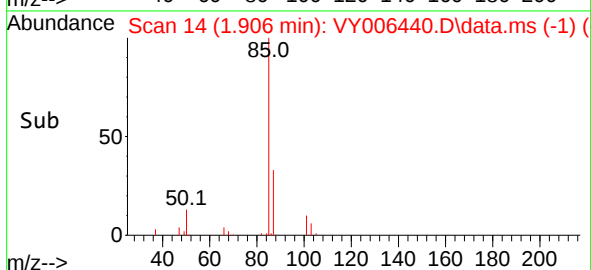
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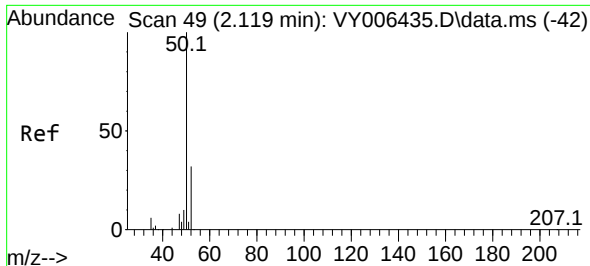


#2
Dichlorodifluoromethane
Concen: 20.616 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38



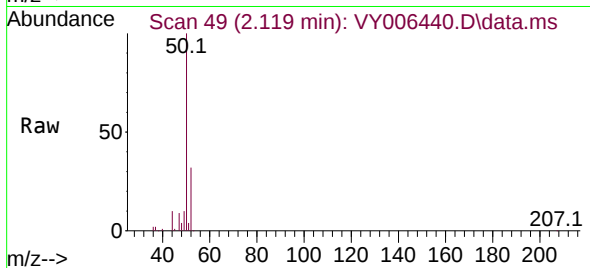
Tgt Ion: 85 Resp: 25246
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.3





#3
Chloromethane
Concen: 20.705 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

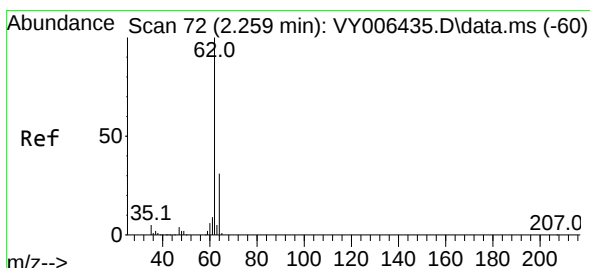
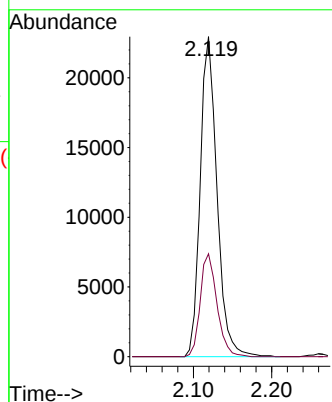
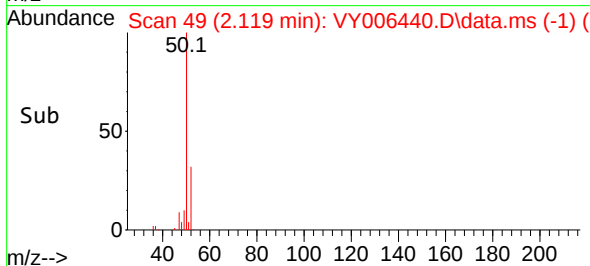
Instrument :
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ClientSampleId :
VY1022SBS01



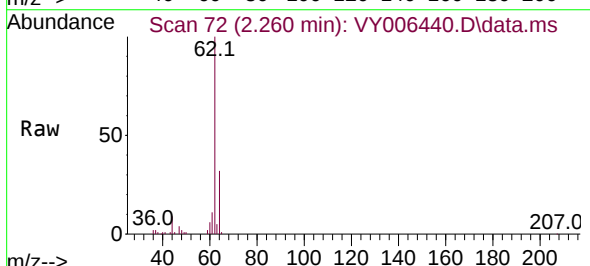
Tgt Ion: 50 Resp: 3422
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2

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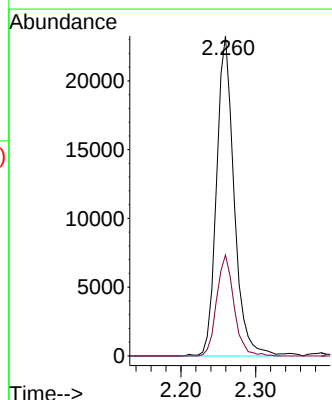
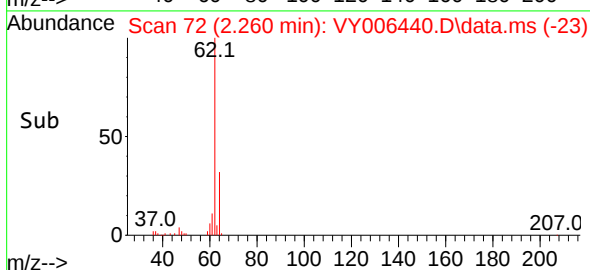
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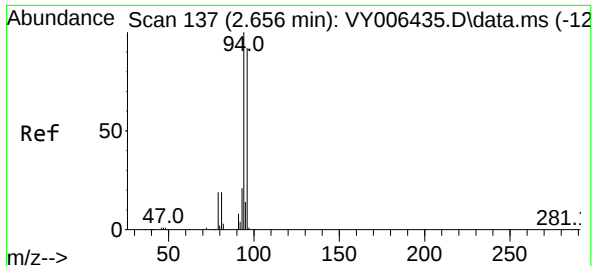


#4
Vinyl Chloride
Concen: 20.555 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38



Tgt Ion: 62 Resp: 37944
Ion Ratio Lower Upper
62 100
64 31.5 24.7 37.1





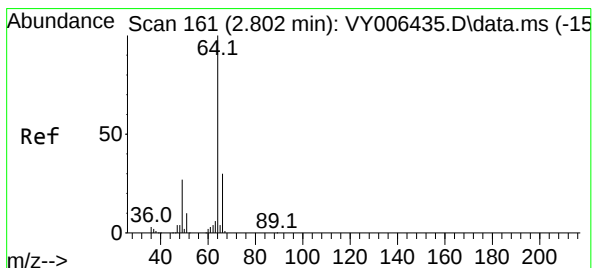
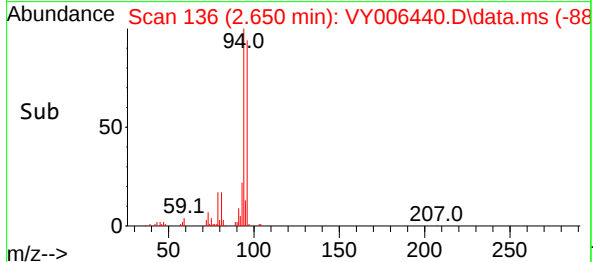
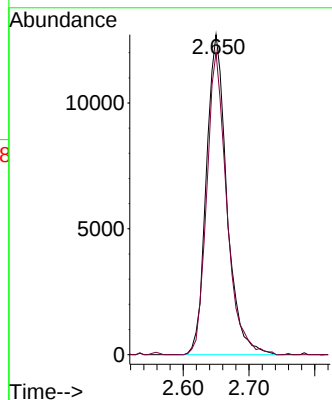
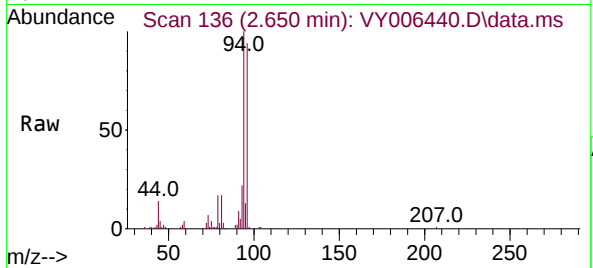
#5
Bromomethane
Concen: 22.401 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

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Tgt Ion: 94 Resp: 27549
Ion Ratio Lower Upper
94 100
96 94.4 73.5 110.3

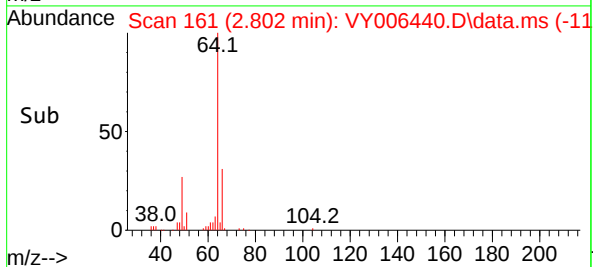
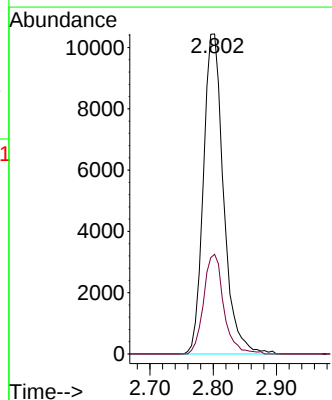
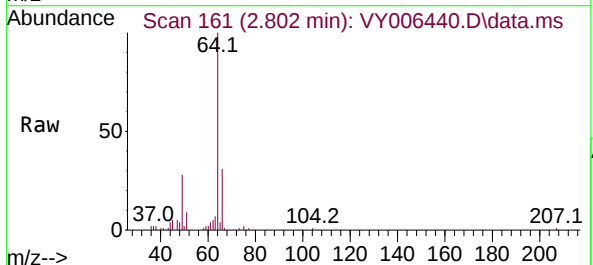
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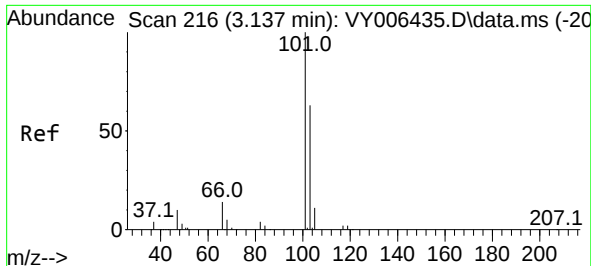
Reviewed By :Vimala Arumugam 10/25/2021
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#6
Chloroethane
Concen: 21.277 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Tgt Ion: 64 Resp: 23193
Ion Ratio Lower Upper
64 100
66 31.2 23.8 35.6





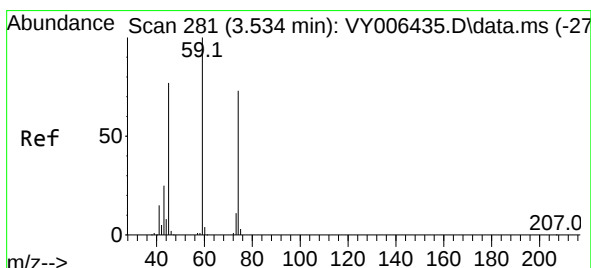
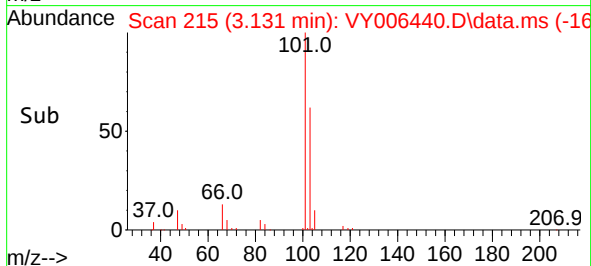
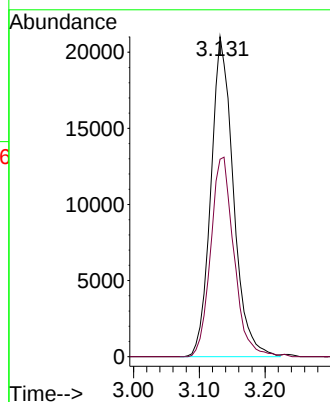
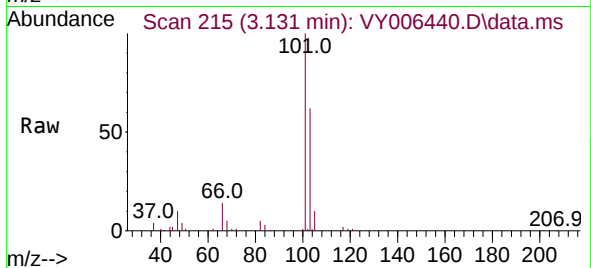
#7
Trichlorofluoromethane
Concen: 21.348 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tgt Ion:101 Resp: 50040
Ion Ratio Lower Upper
101 100
103 61.7 50.2 75.2

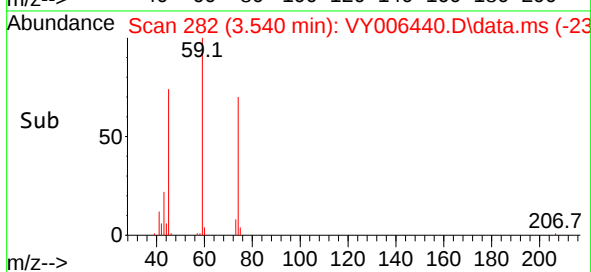
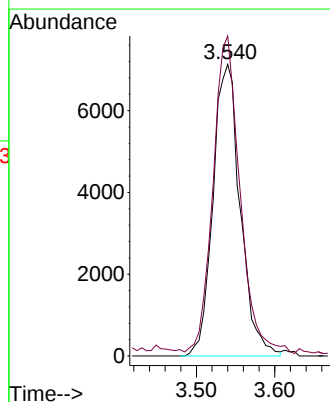
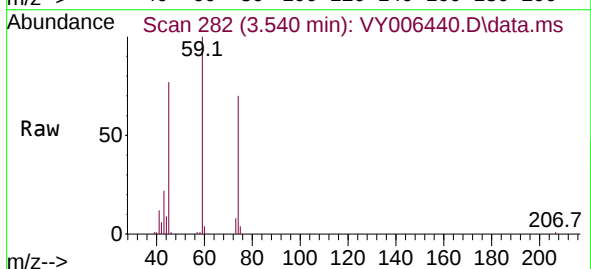
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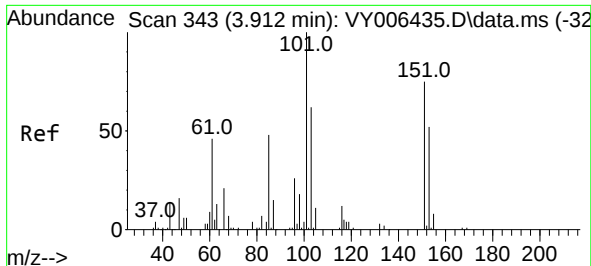
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#8
Diethyl Ether
Concen: 22.465 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Tgt Ion: 74 Resp: 17245
Ion Ratio Lower Upper
74 100
45 108.0 52.8 158.3





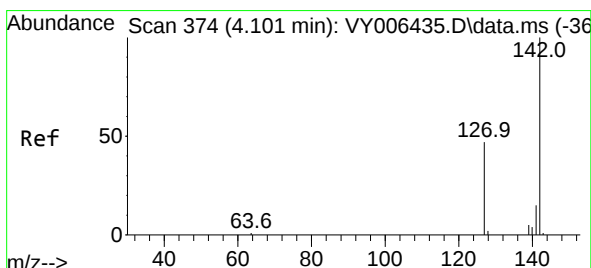
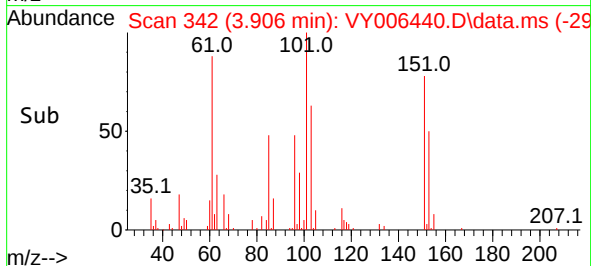
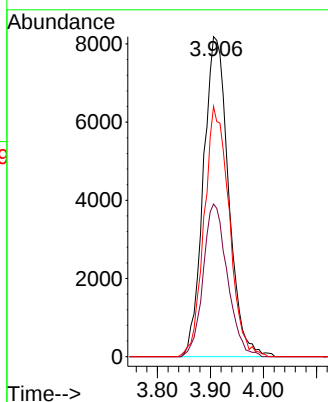
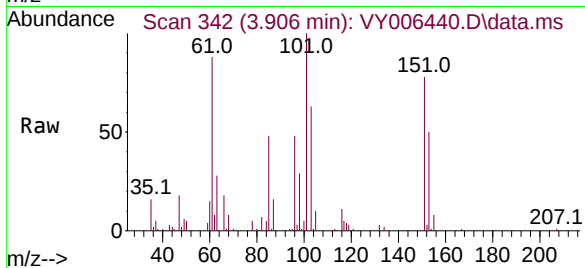
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.579 ug/l
RT: 3.906 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tgt Ion:101 Resp: 2694
Ion Ratio Lower Upper
101 100
85 46.0 38.6 57.8
151 77.6 64.0 96.0

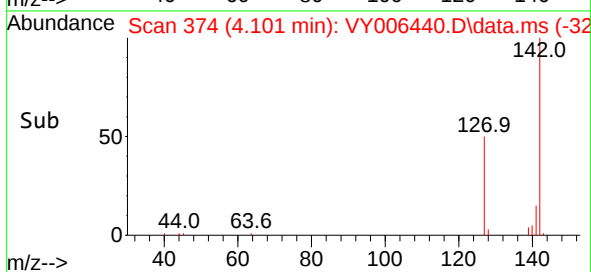
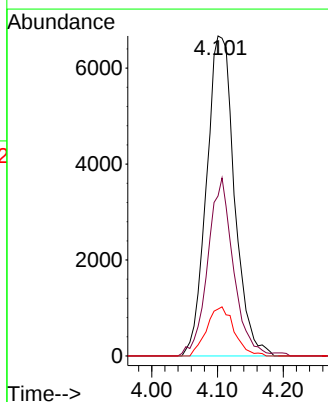
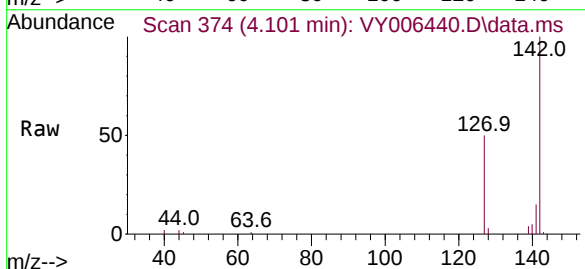
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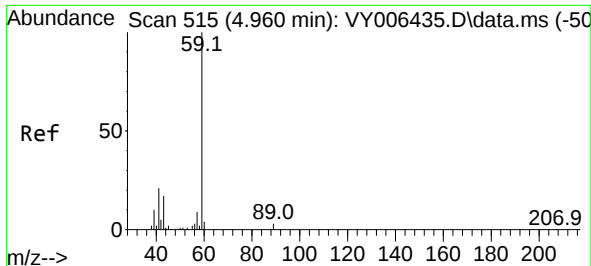
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#10
Methyl Iodide
Concen: 18.652 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Tgt Ion:142 Resp: 19733
Ion Ratio Lower Upper
142 100
127 50.9 40.1 60.1
141 15.1 12.5 18.7





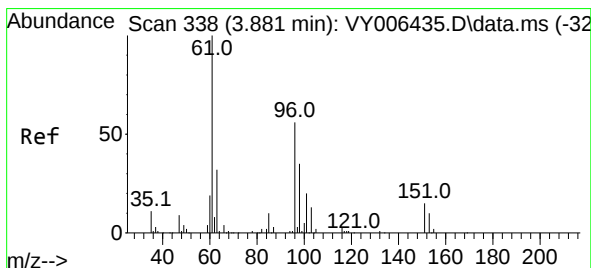
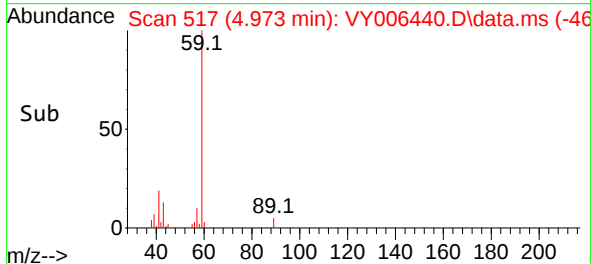
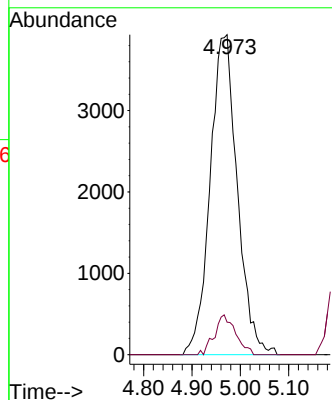
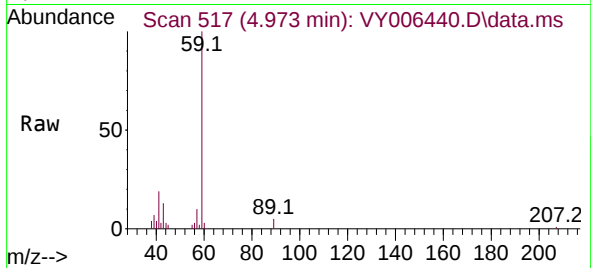
#11
Tert butyl alcohol
Concen: 103.798 ug/l
RT: 4.973 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tgt Ion: 59 Resp: 15372
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

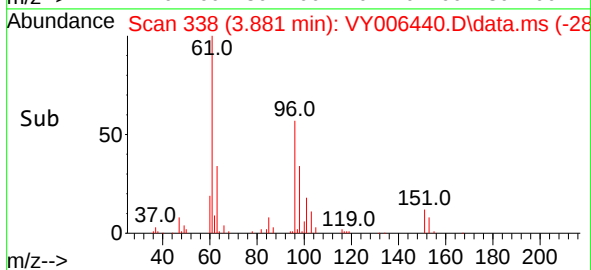
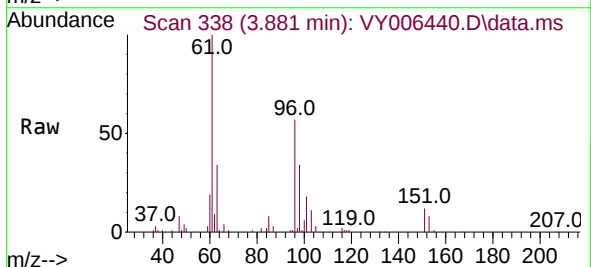
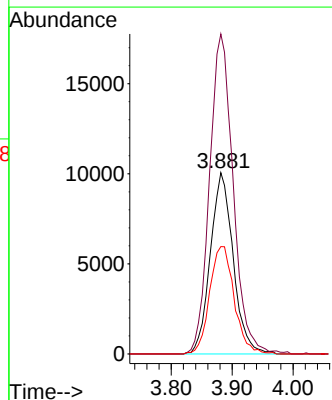
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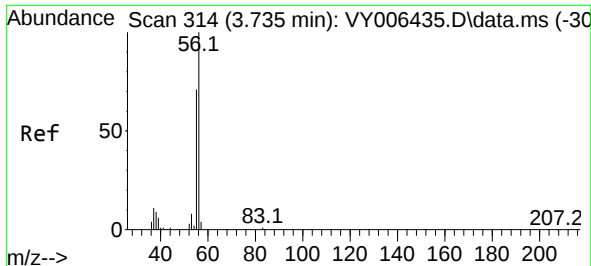
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#12
1,1-Dichloroethene
Concen: 22.003 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Tgt Ion: 96 Resp: 26316
Ion Ratio Lower Upper
96 100
61 176.5 143.0 214.6
98 59.2 50.5 75.7





#13

Acrolein

Concen: 124.338 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tgt Ion: 56 Resp: 12730

Ion Ratio Lower Upper

56 100

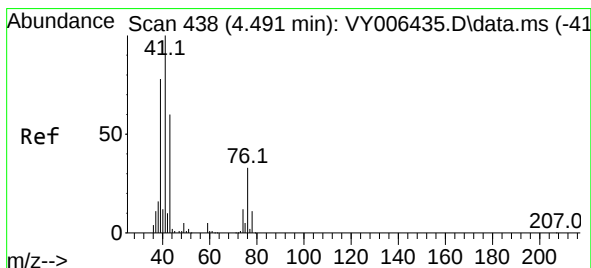
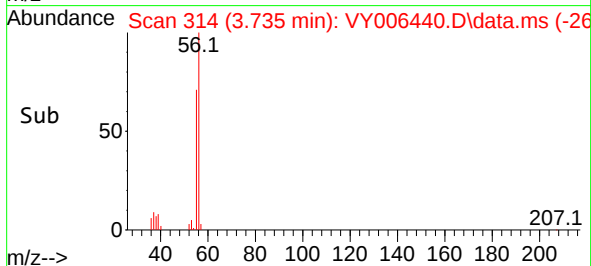
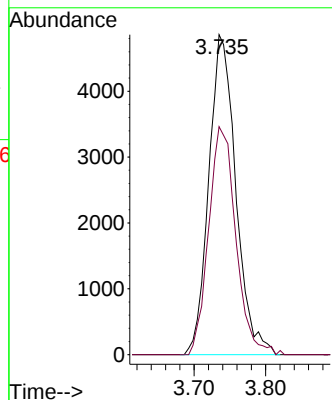
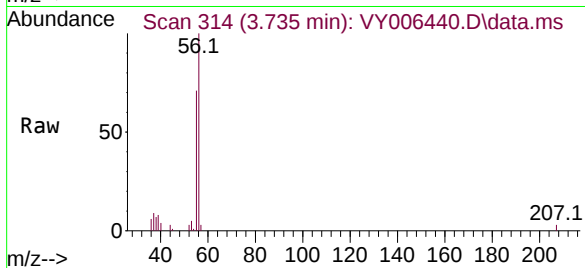
55 71.8 57.1 85.7

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Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#14

Allyl chloride

Concen: 22.848 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

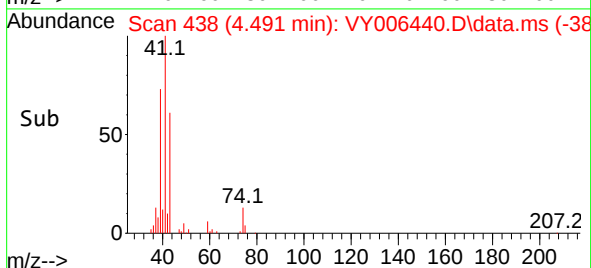
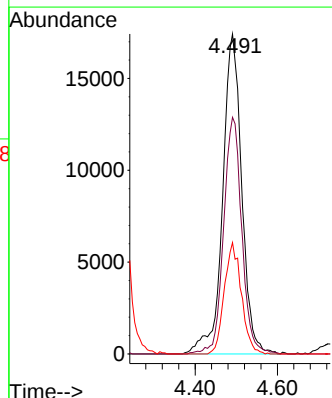
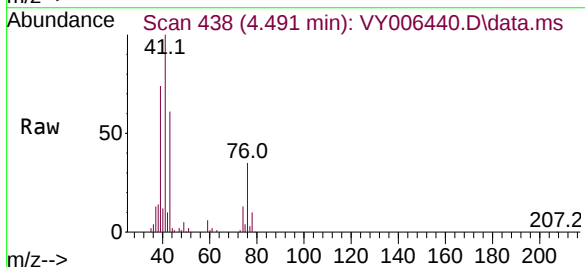
Tgt Ion: 41 Resp: 56244

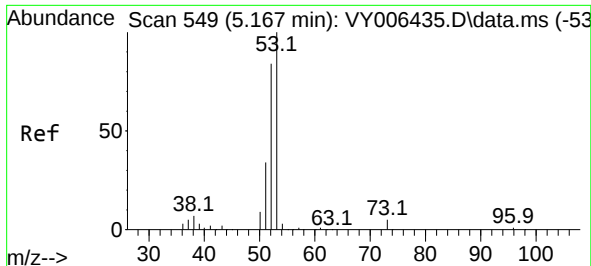
Ion Ratio Lower Upper

41 100

39 70.5 58.8 88.2

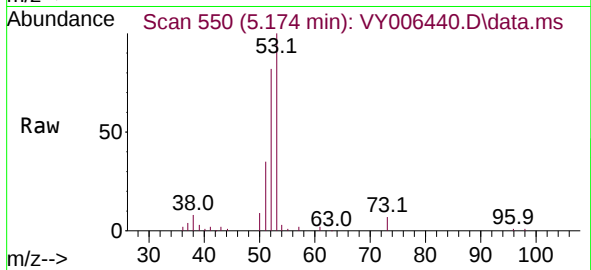
76 31.1 25.0 37.4





#15
Acrylonitrile
Concen: 108.197 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

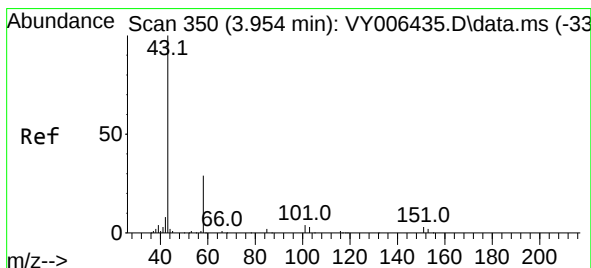
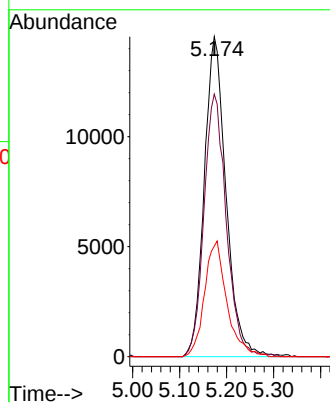
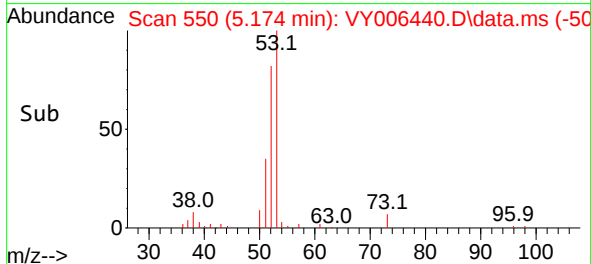
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01



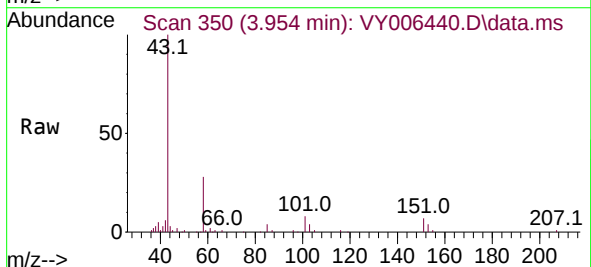
Tgt Ion: 53 Resp: 4677
Ion Ratio Lower Upper
53 100
52 84.2 67.1 100.7
51 37.2 30.0 45.0

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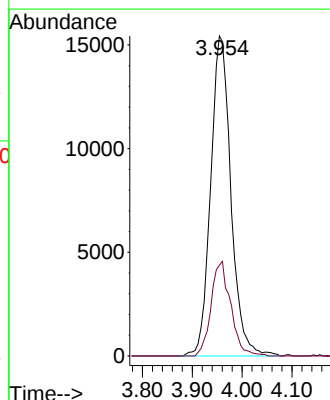
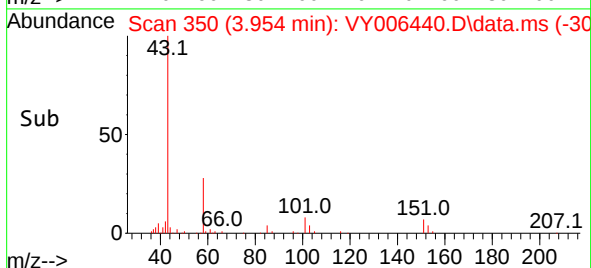
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

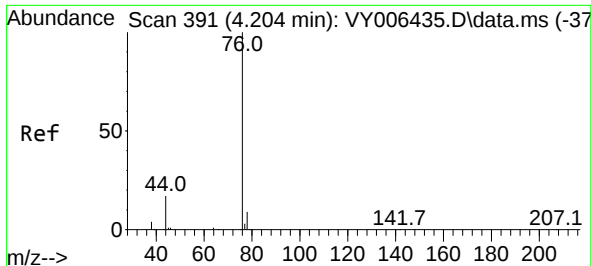


#16
Acetone
Concen: 92.880 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38



Tgt Ion: 43 Resp: 43598
Ion Ratio Lower Upper
43 100
58 28.3 22.9 34.3





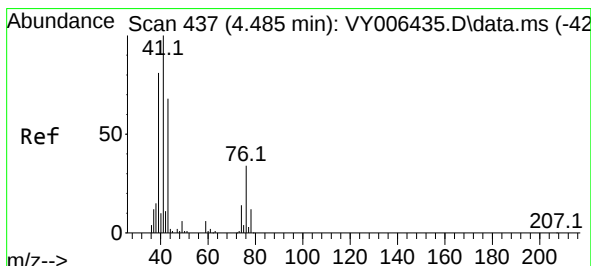
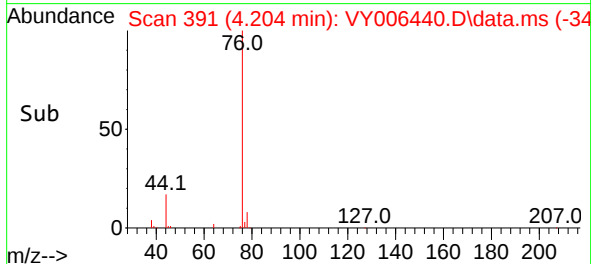
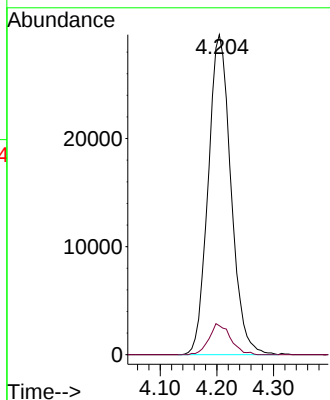
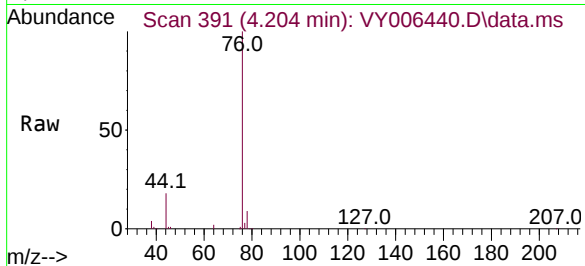
#17
Carbon Disulfide
Concen: 21.045 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tgt Ion: 76 Resp: 8255
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

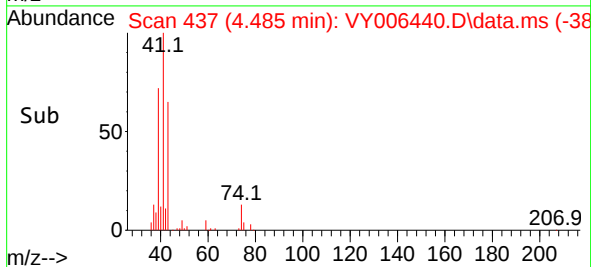
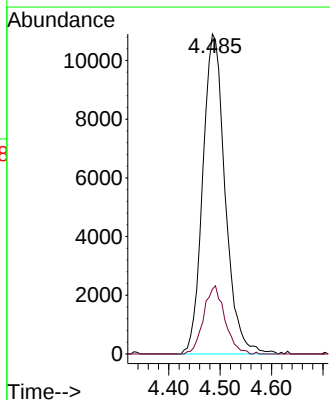
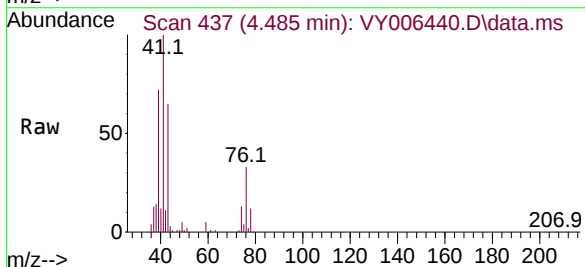
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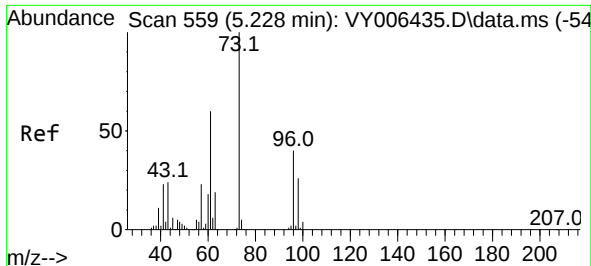
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#18
Methyl Acetate
Concen: 21.660 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Tgt Ion: 43 Resp: 32969
Ion Ratio Lower Upper
43 100
74 20.1 16.6 25.0





#19

Methyl tert-butyl Ether

Concen: 21.774 ug/l

RT: 5.235 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tgt Ion: 73 Resp: 8349

Ion Ratio Lower Upper

73 100

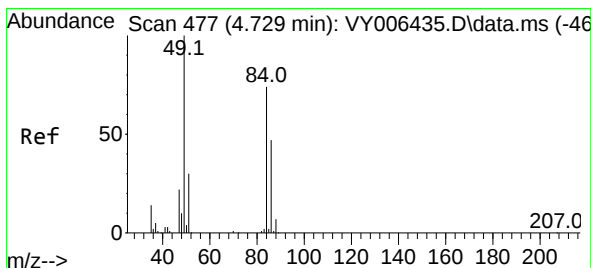
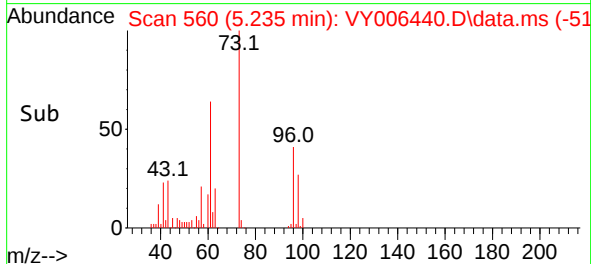
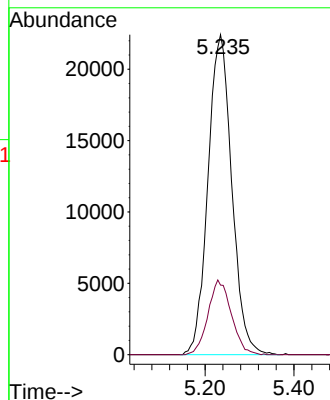
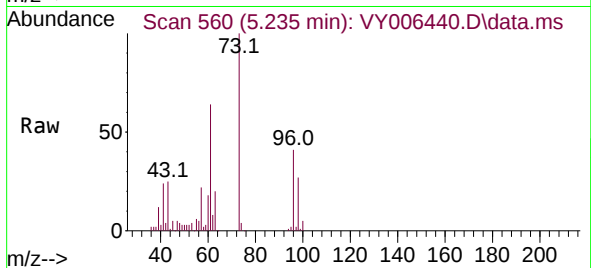
57 21.8 18.2 27.2

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Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#20

Methylene Chloride

Concen: 26.060 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Tgt Ion: 84 Resp: 40784

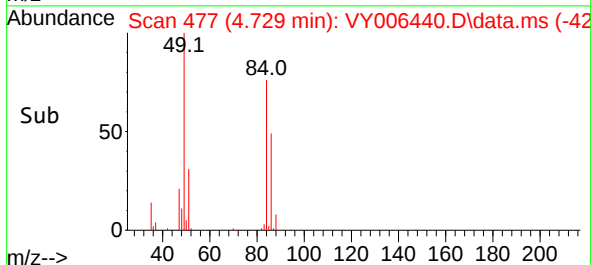
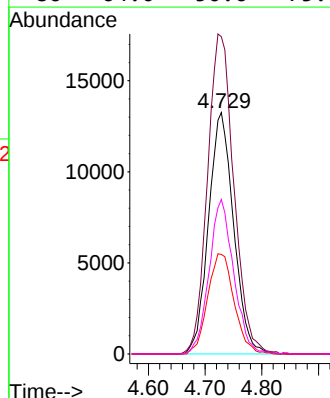
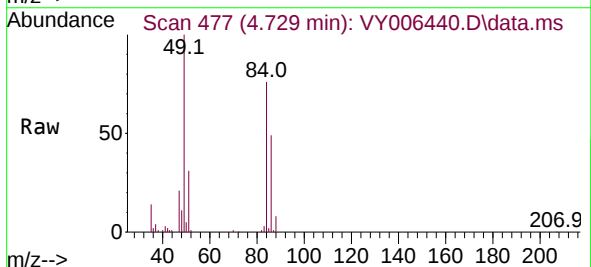
Ion Ratio Lower Upper

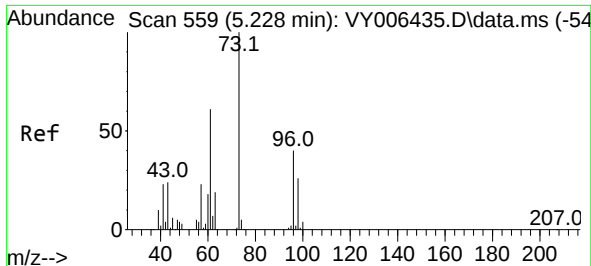
84 100

49 131.4 107.8 161.8

51 41.3 32.8 49.2

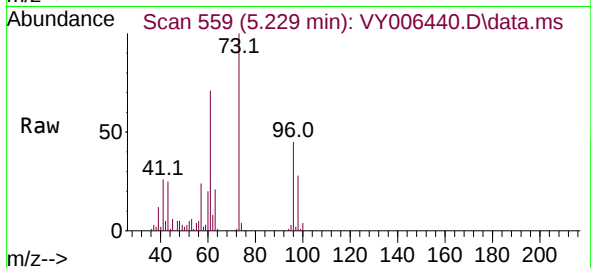
86 64.0 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 21.846 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

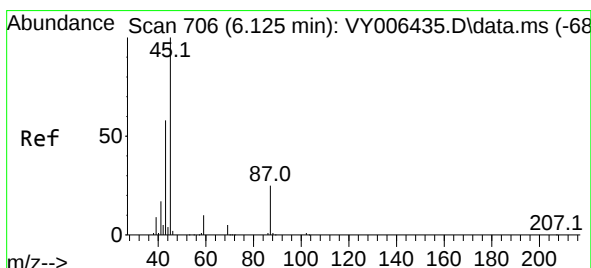
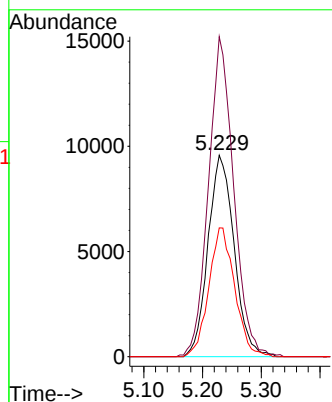
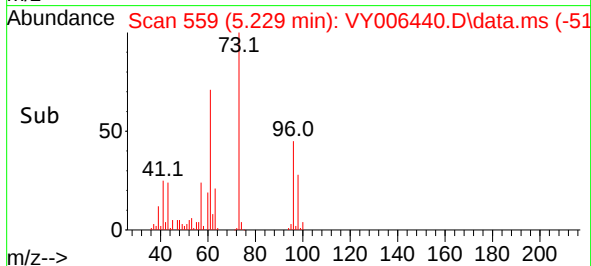
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01



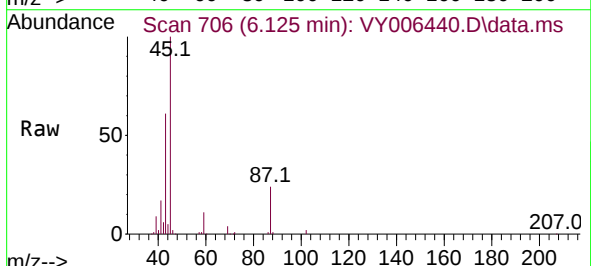
Tgt Ion: 96 Resp: 29629
Ion Ratio Lower Upper
96 100
61 158.0 120.6 181.0
98 64.0 51.3 76.9

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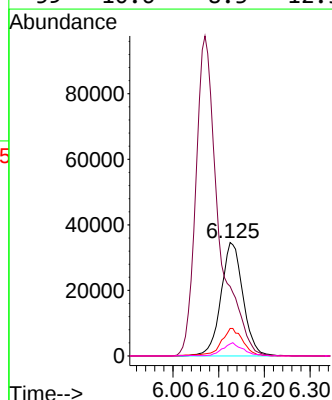
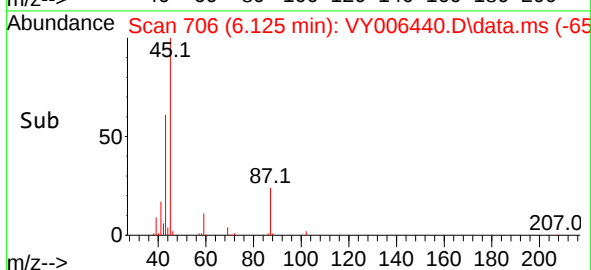
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

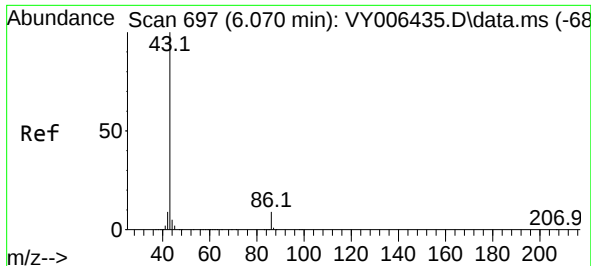


#22
Diisopropyl ether
Concen: 23.647 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38



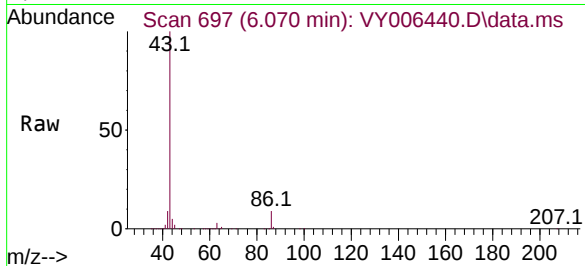
Tgt Ion: 45 Resp: 116014
Ion Ratio Lower Upper
45 100
43 60.7 47.7 71.5
87 24.2 20.1 30.1
59 10.6 8.3 12.5





#23
 Vinyl Acetate
 Concen: 113.047 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY006440.D
 Acq: 22 Oct 2021 15:38

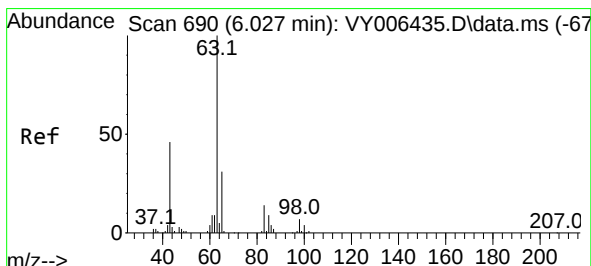
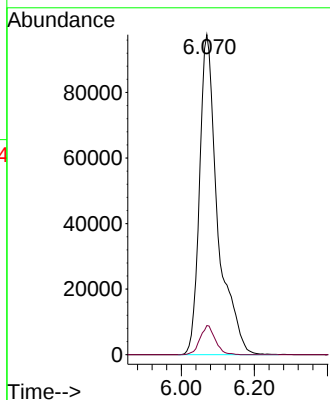
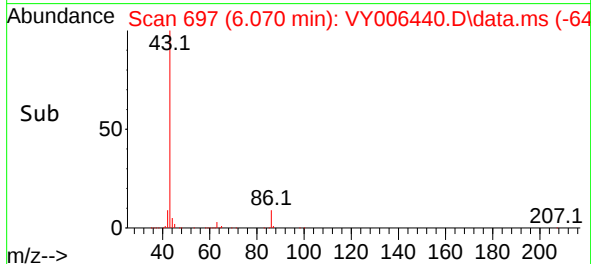
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01



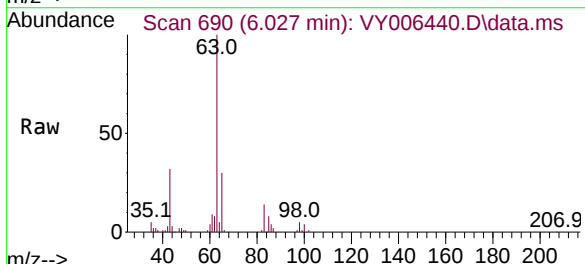
Tgt Ion: 43 Resp: 33732
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9

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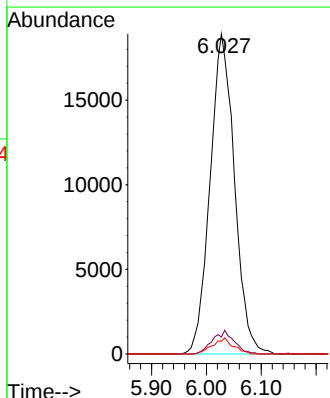
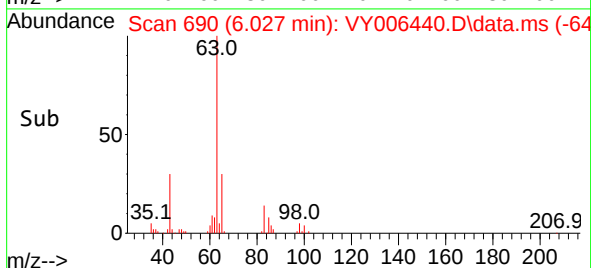
Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

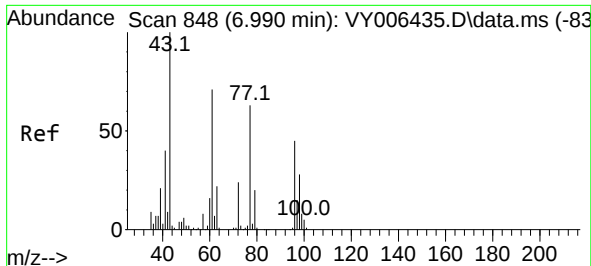


#24
 1,1-Dichloroethane
 Concen: 22.779 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY006440.D
 Acq: 22 Oct 2021 15:38



Tgt Ion: 63 Resp: 58435
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.5 10.4
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 102.463 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tgt Ion: 43 Resp: 6301

Ion Ratio Lower Upper

43 100

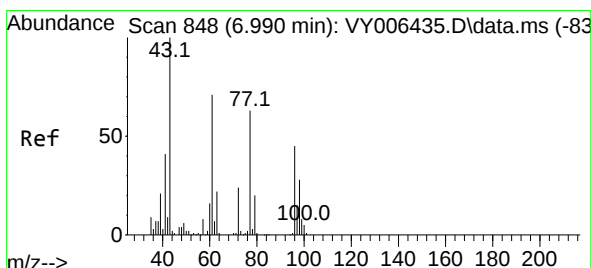
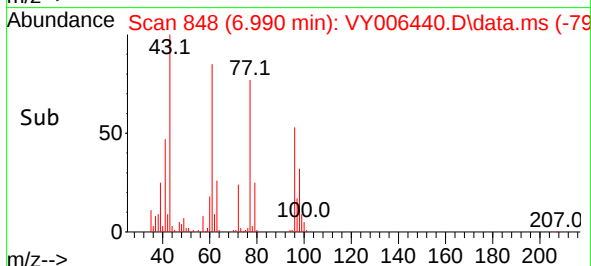
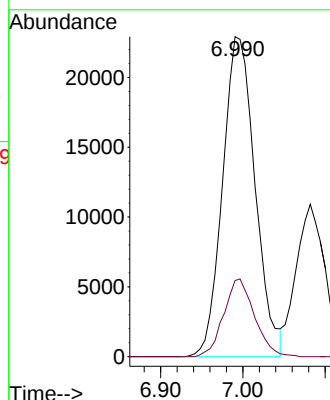
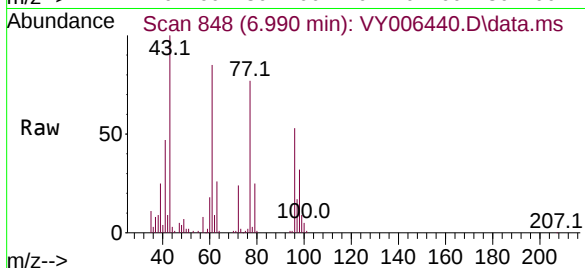
72 23.8 18.9 28.3

Manual Integrations

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Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#26

2,2-Dichloropropane

Concen: 21.093 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY006440.D

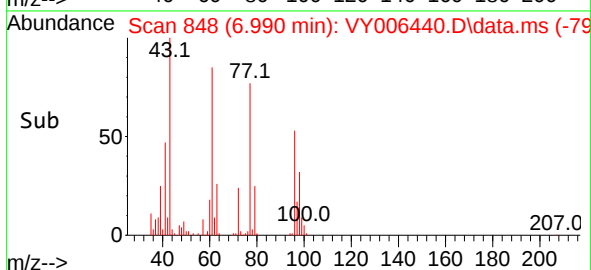
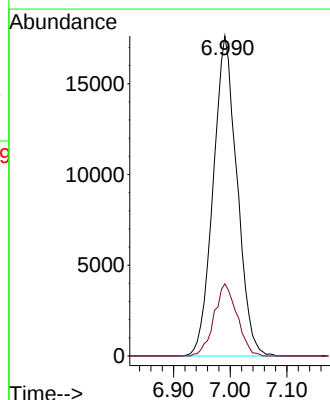
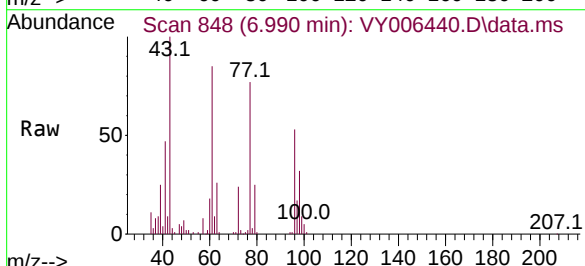
Acq: 22 Oct 2021 15:38

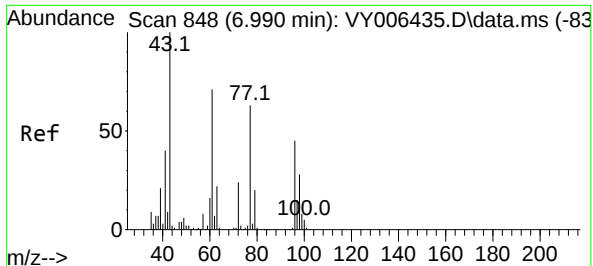
Tgt Ion: 77 Resp: 51466

Ion Ratio Lower Upper

77 100

97 21.8 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 22.545 ug/l

RT: 6.997 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

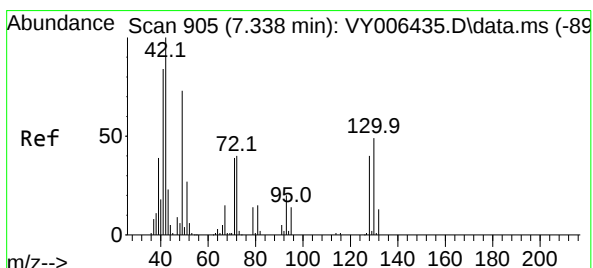
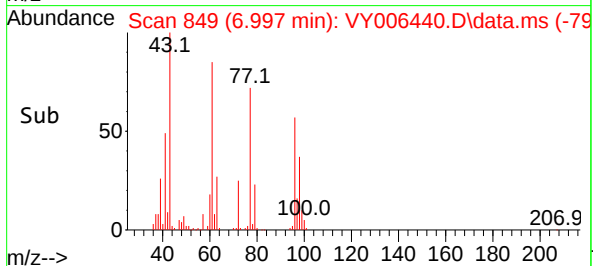
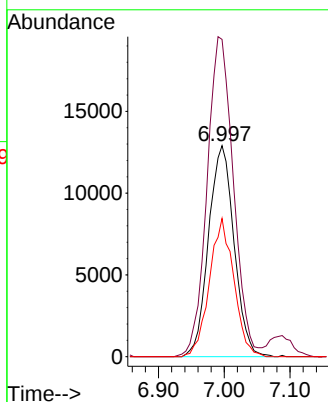
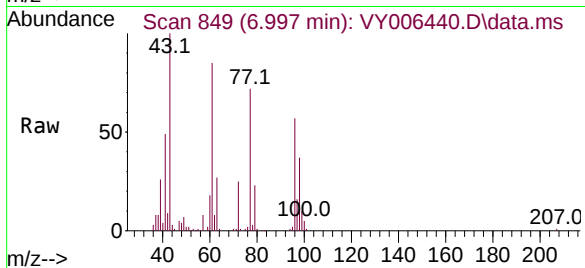
VY1022SBS01

Tgt Ion:	96	Resp:	3490
Ion	Ratio	Lower	Upper
96	100		
61	156.8	0.0	314.0
98	62.6	0.0	127.8

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 20.589 ug/l

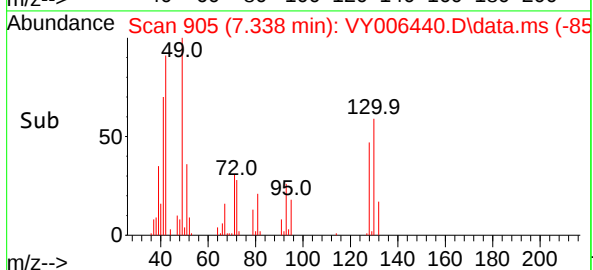
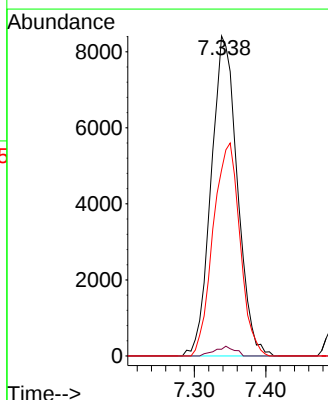
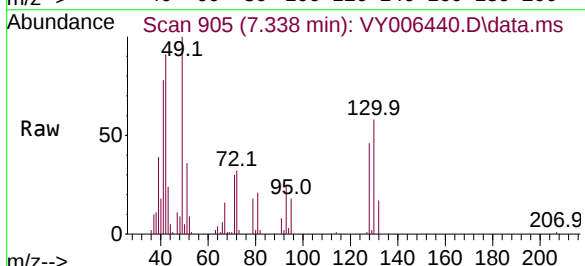
RT: 7.338 min Scan# 905

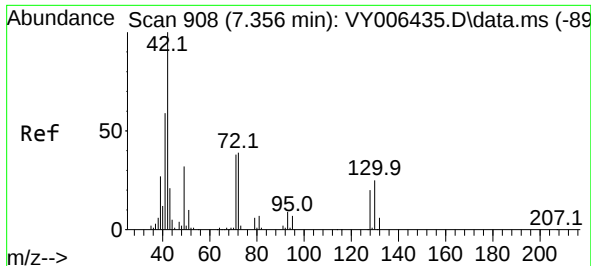
Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Tgt Ion:	49	Resp:	21429
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	68.0	55.6	83.4





#29

Tetrahydrofuran

Concen: 93.952 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

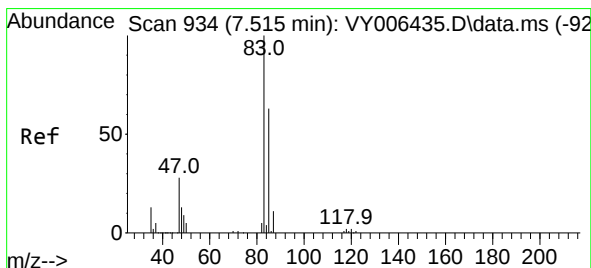
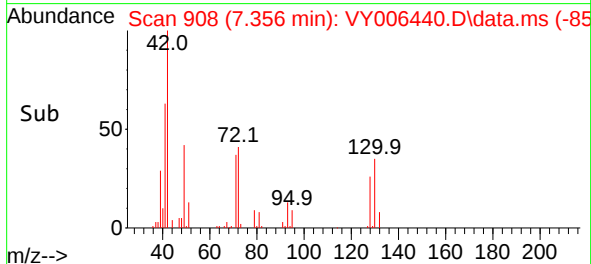
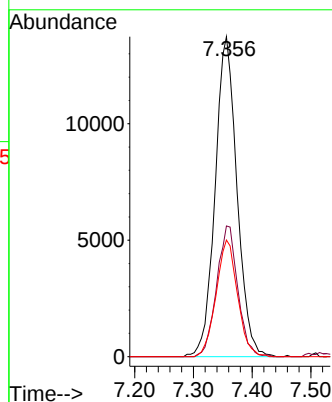
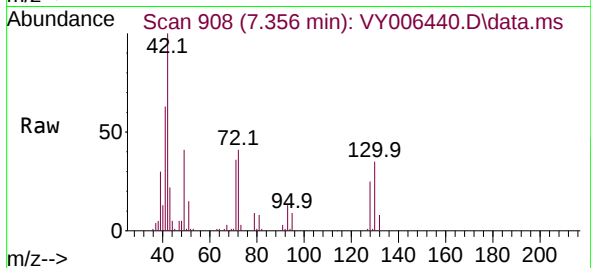
VY1022SBS01

Tgt Ion:	42	Resp:	3544
Ion Ratio	Lower	Upper	
42	100		
72	39.6	32.0	48.0
71	35.7	30.3	45.5

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 19.839 ug/l

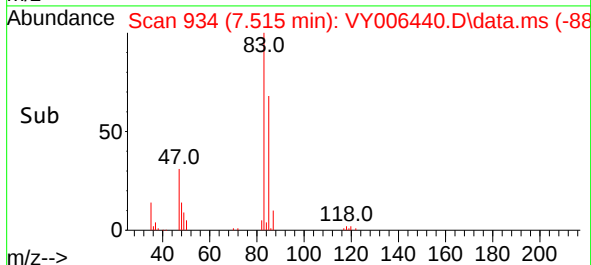
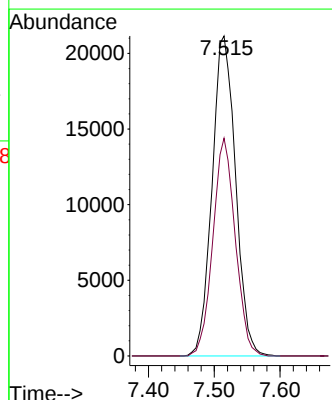
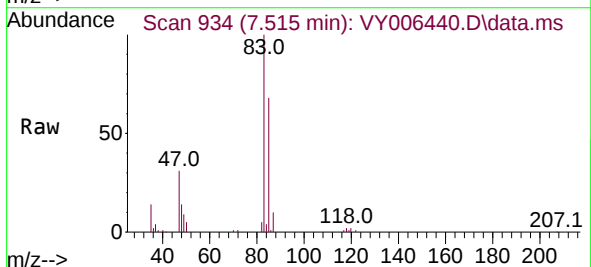
RT: 7.515 min Scan# 934

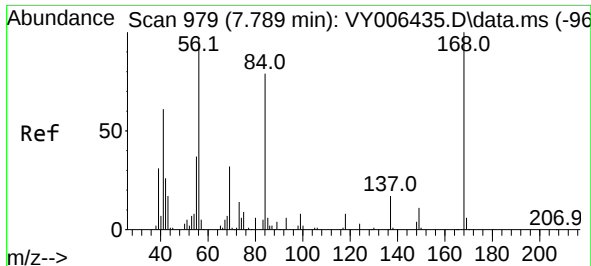
Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

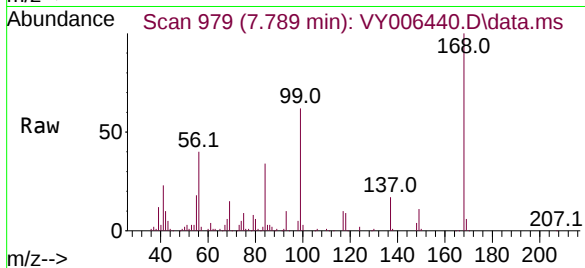
Tgt Ion:	83	Resp:	52557
Ion Ratio	Lower	Upper	
83	100		
85	68.1	50.2	75.4





#31
Cyclohexane
Concen: 18.766 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

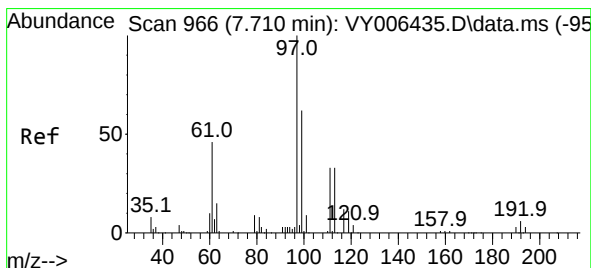
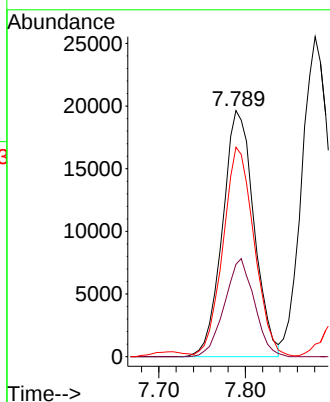
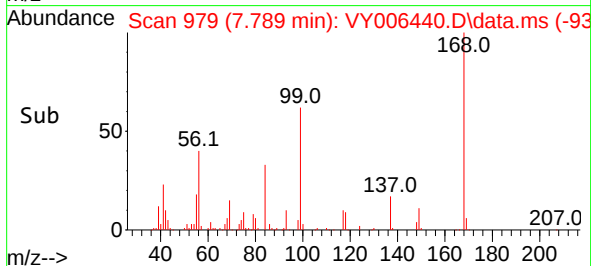
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01



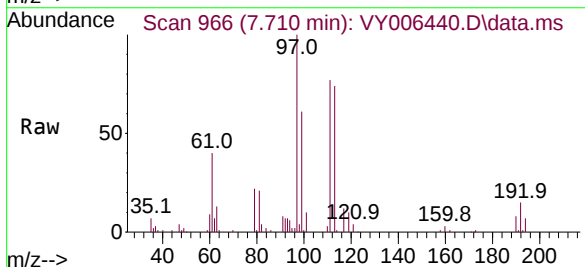
Tgt Ion: 56 Resp: 49520
Ion Ratio Lower Upper
56 100
69 37.5 26.6 40.0
84 83.4 65.0 97.4

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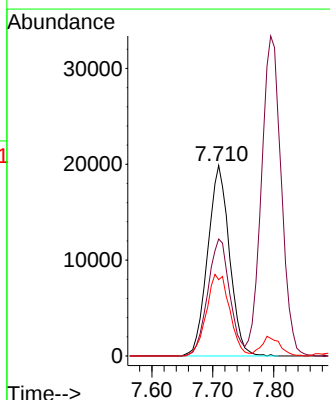
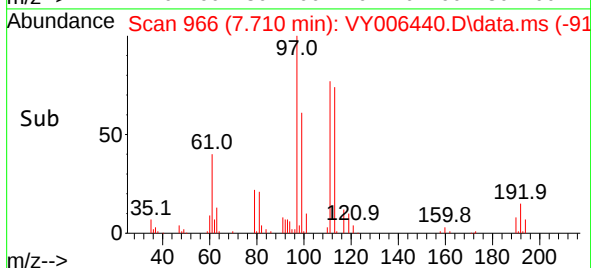
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

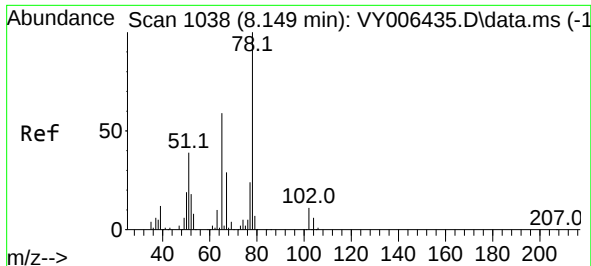


#32
1,1,1-Trichloroethane
Concen: 20.150 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38



Tgt Ion: 97 Resp: 49292
Ion Ratio Lower Upper
97 100
99 62.1 51.0 76.4
61 46.0 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 51.834 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tgt Ion: 65 Resp: 8449

Ion Ratio Lower Upper

65 100

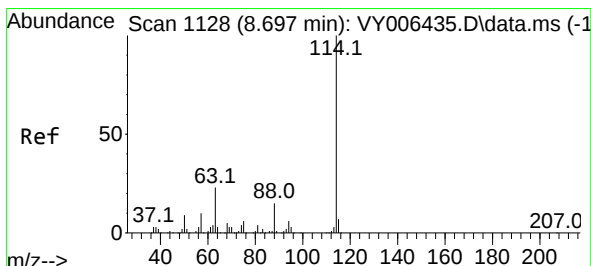
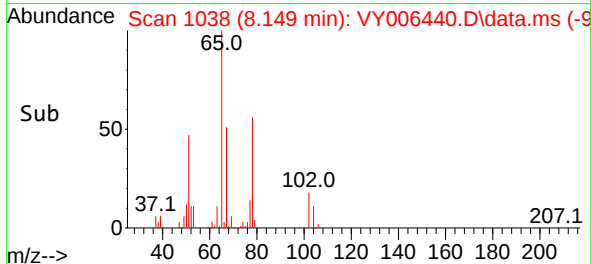
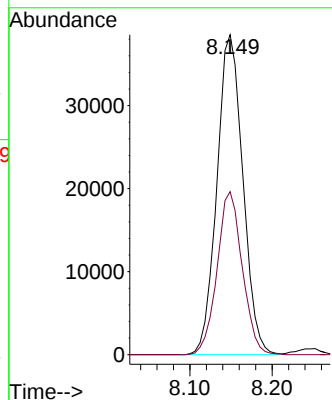
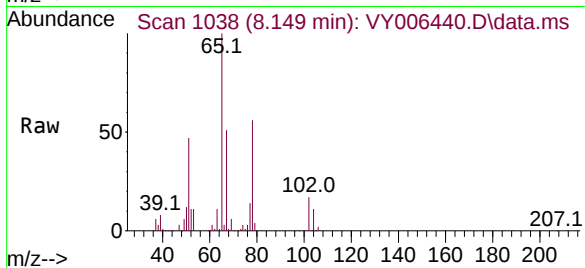
67 49.4 0.0 98.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

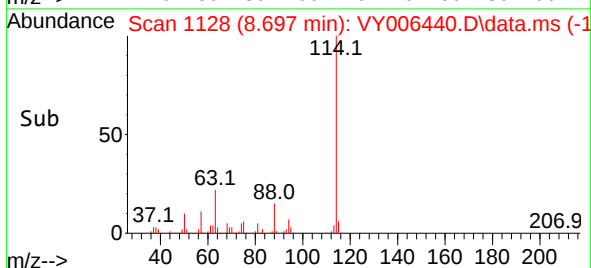
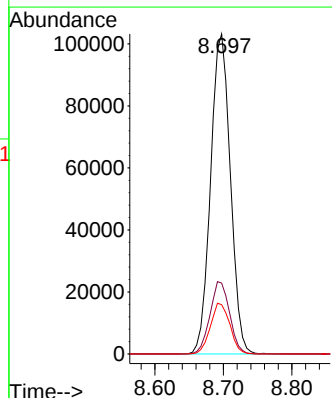
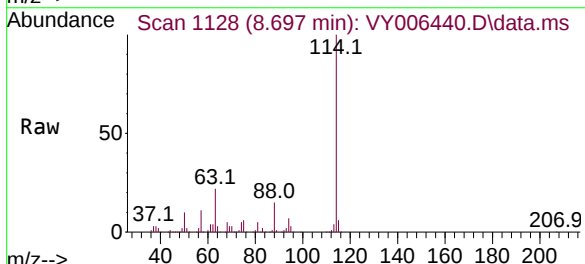
Tgt Ion:114 Resp: 206353

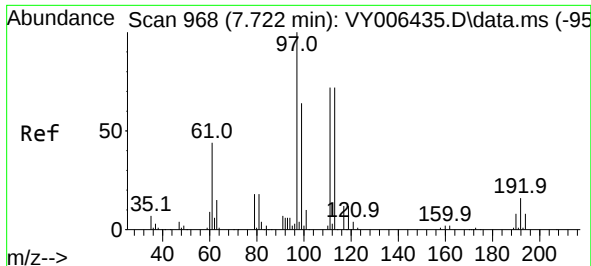
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

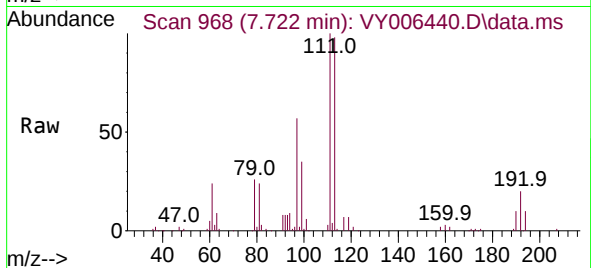
88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.829 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

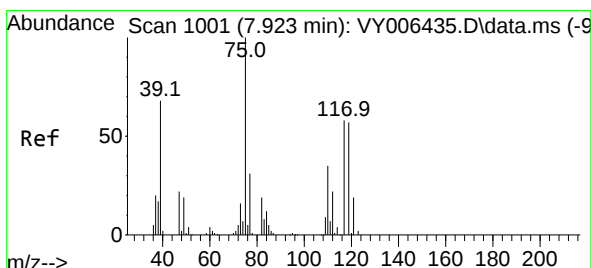
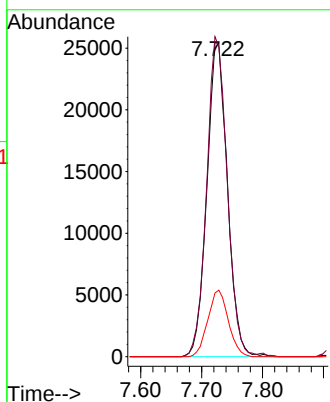
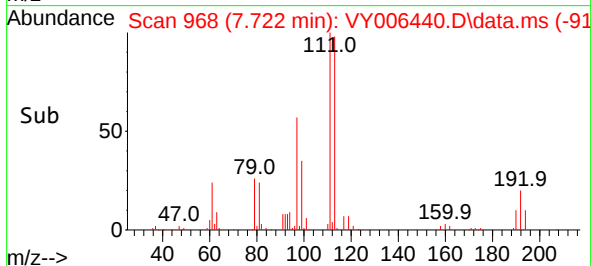
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01



Tgt Ion:113 Resp: 5961
Ion Ratio Lower Upper
113 100
111 101.8 82.3 123.5
192 21.1 17.4 26.2

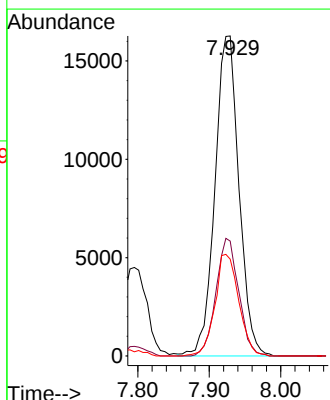
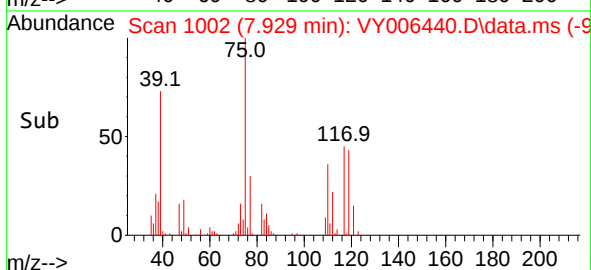
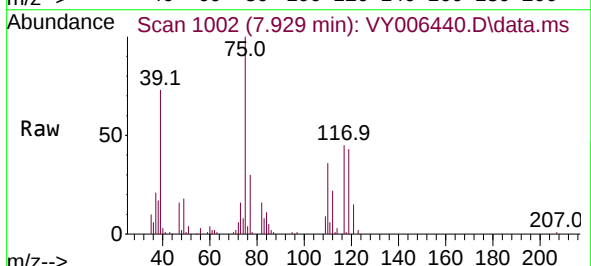
Manual Integrations
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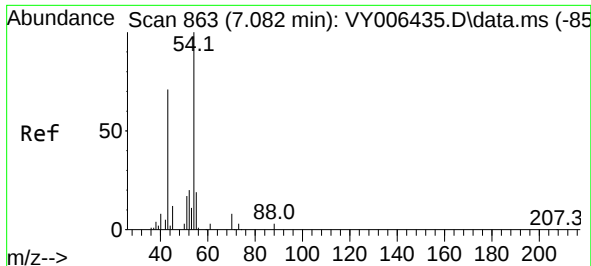
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#36
1,1-Dichloropropene
Concen: 18.633 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Tgt Ion: 75 Resp: 37991
Ion Ratio Lower Upper
75 100
110 34.8 17.1 51.3
77 31.5 24.9 37.3





#37

Ethyl Acetate

Concen: 21.650 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

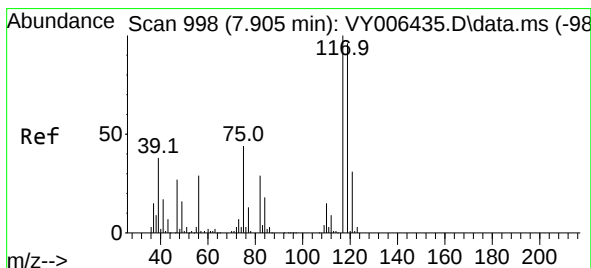
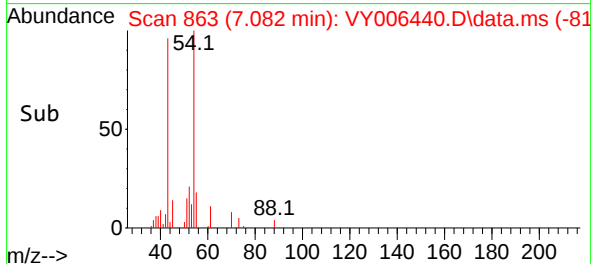
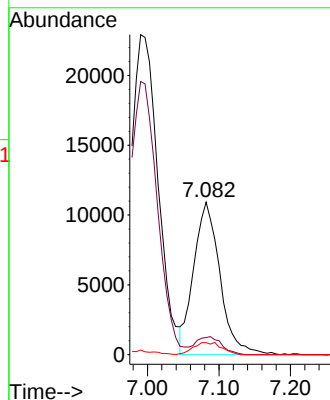
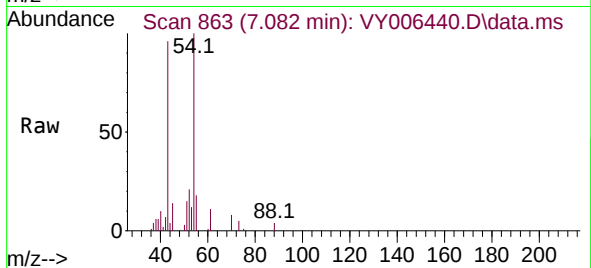
Tgt Ion: 43 Resp: 27930

Ion	Ratio	Lower	Upper
43	100		
61	11.5	9.4	14.2
70	8.6	6.9	10.3

Manual Integrations

APPROVED

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



#38

Carbon Tetrachloride

Concen: 19.505 ug/l

RT: 7.911 min Scan# 999

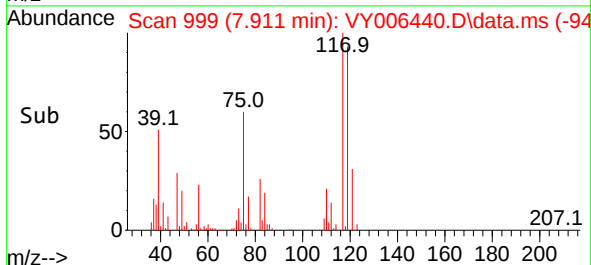
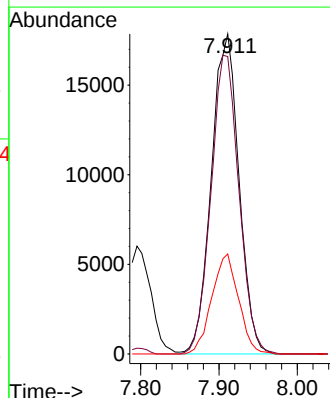
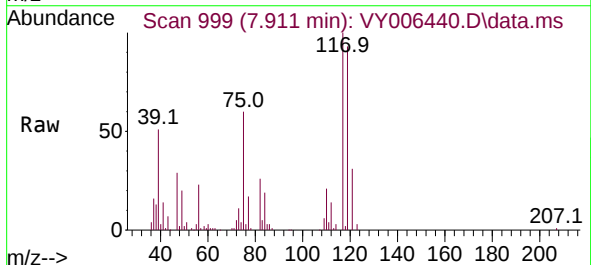
Delta R.T. 0.006 min

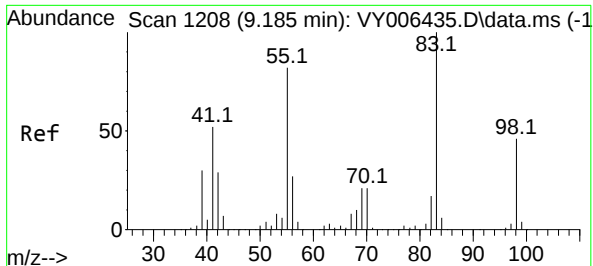
Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Tgt Ion:117 Resp: 43871

Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.6	115.0
121	31.2	24.7	37.1





#39

Methylcyclohexane

Concen: 18.732 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

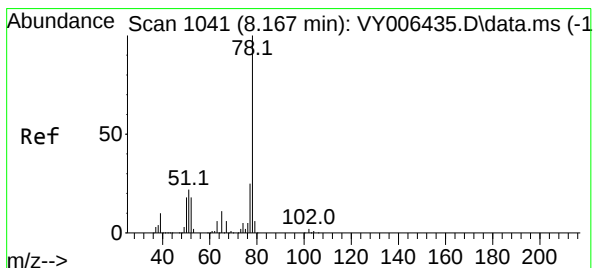
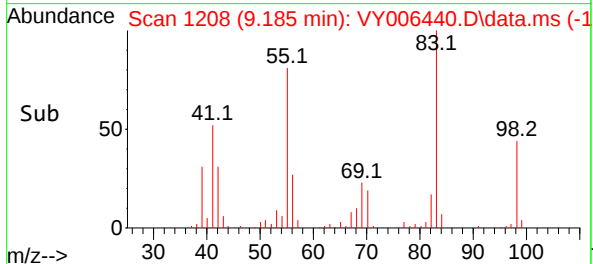
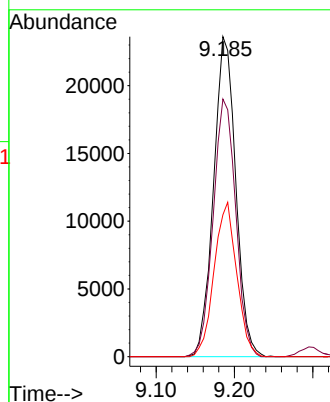
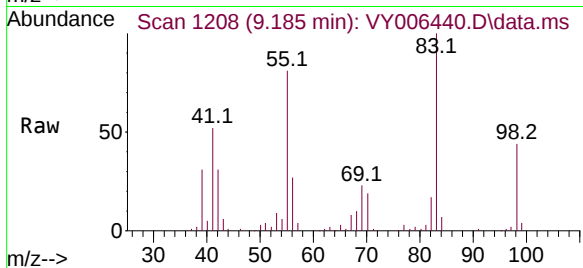
Tgt Ion: 83 Resp: 46494

Ion	Ratio	Lower	Upper
83	100		
55	80.5	65.3	97.9
98	44.4	37.0	55.4

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 19.496 ug/l

RT: 8.167 min Scan# 1041

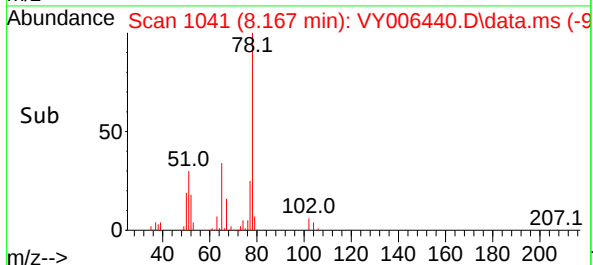
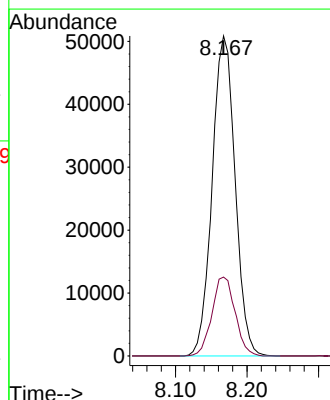
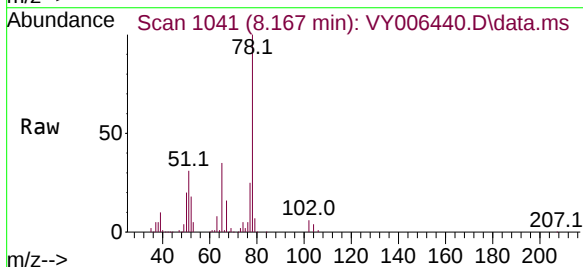
Delta R.T. 0.000 min

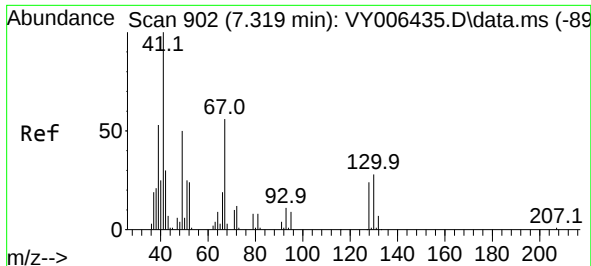
Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Tgt Ion: 78 Resp: 113377

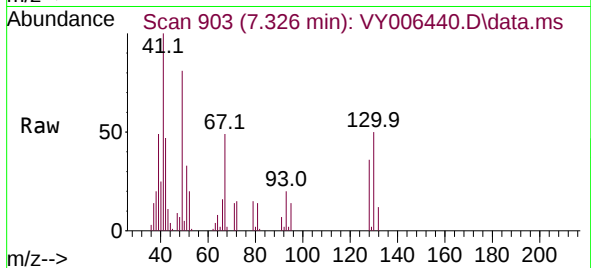
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.7	29.5





#41
Methacrylonitrile
Concen: 20.586 ug/l m
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

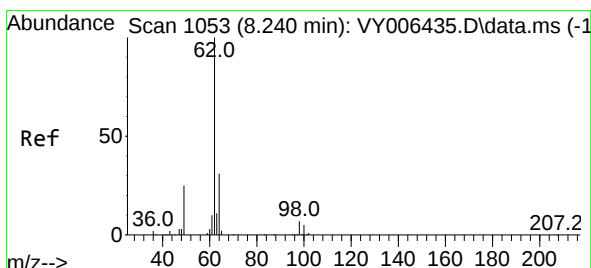
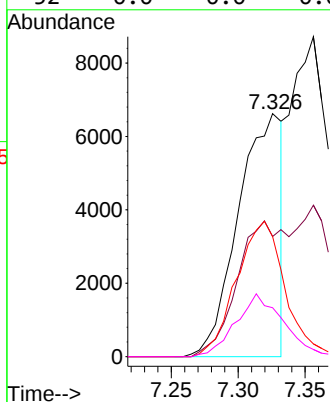
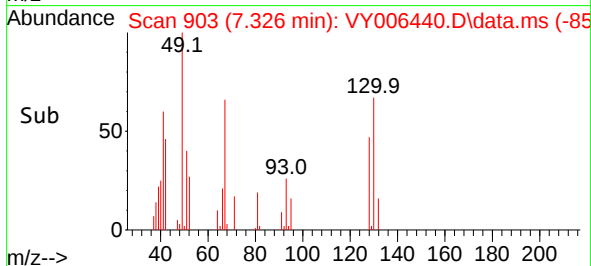
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01



Tgt Ion: 41 Resp: 1507
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

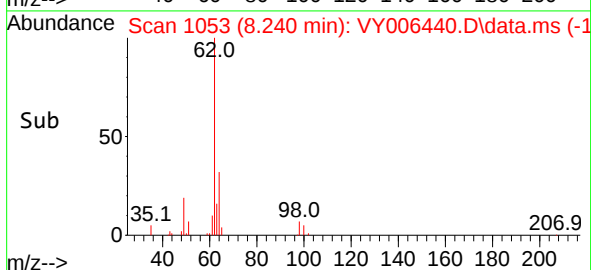
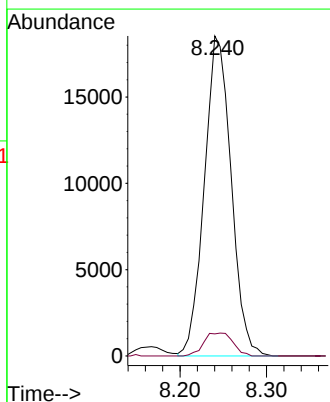
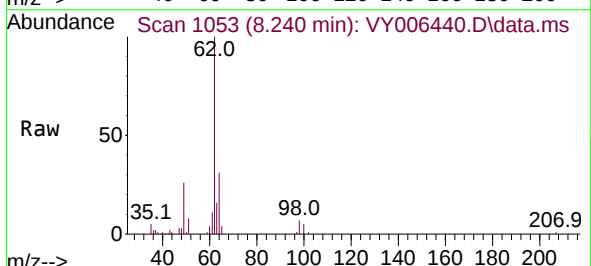
Manual Integrations
APPROVED

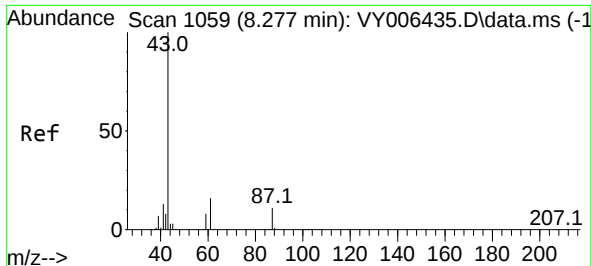
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#42
1,2-Dichloroethane
Concen: 19.180 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Tgt Ion: 62 Resp: 39831
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.2





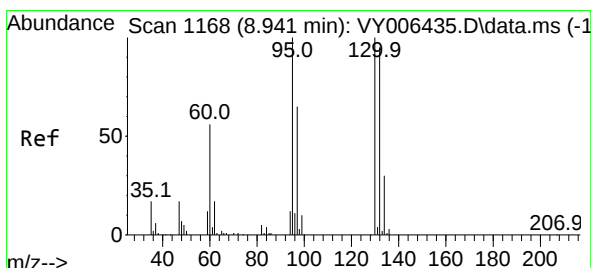
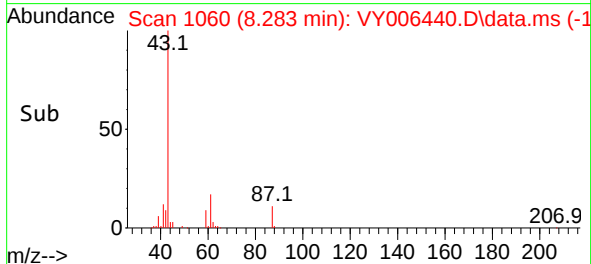
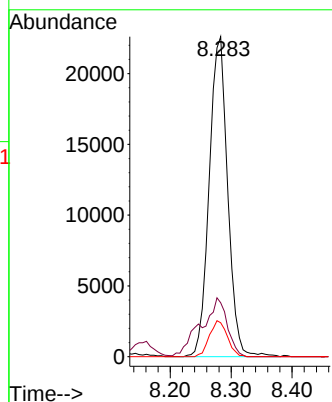
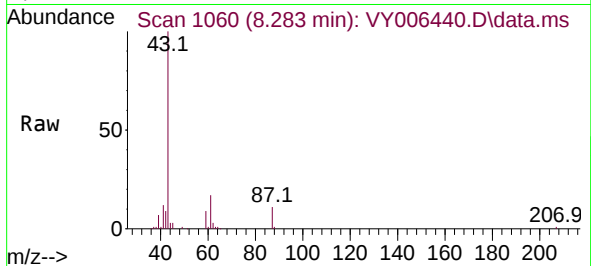
#43
Isopropyl Acetate
Concen: 19.022 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tgt Ion: 43 Resp: 4761
Ion Ratio Lower Upper
43 100
61 26.1 20.5 30.7
87 10.9 9.0 13.6

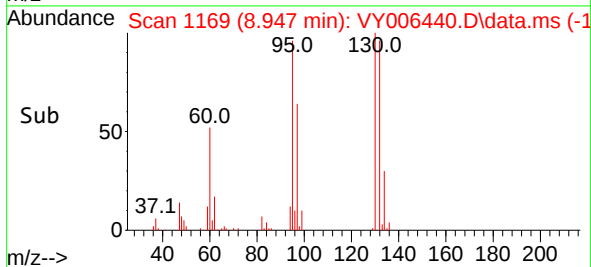
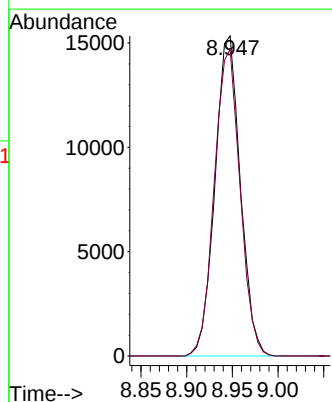
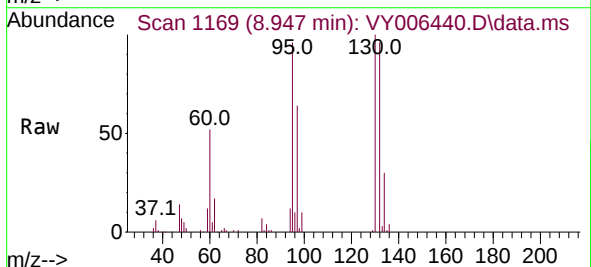
Manual Integrations
APPROVED

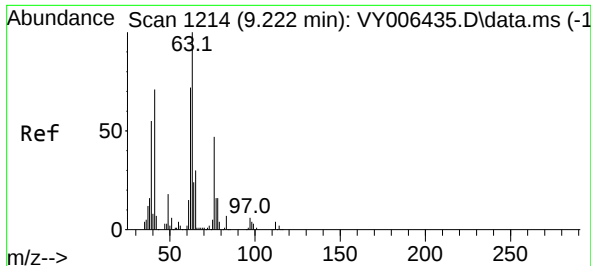
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#44
Trichloroethene
Concen: 19.758 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Tgt Ion:130 Resp: 29632
Ion Ratio Lower Upper
130 100
95 95.9 0.0 200.4





#45

1,2-Dichloropropane

Concen: 19.059 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tgt Ion: 63 Resp: 2745

Ion Ratio Lower Upper

63 100

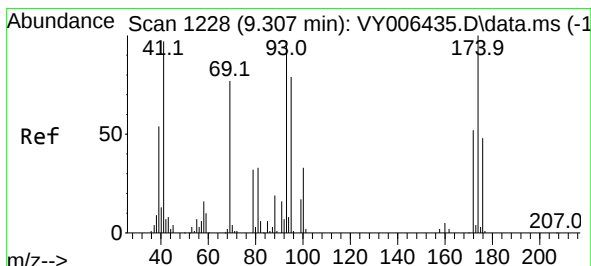
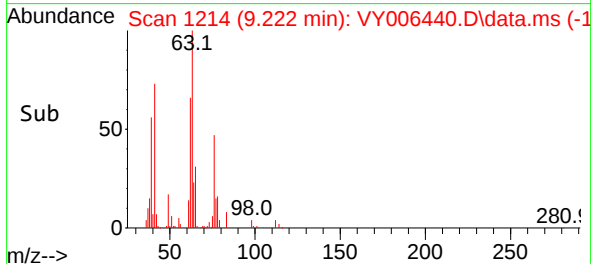
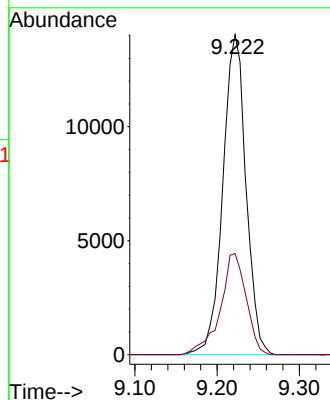
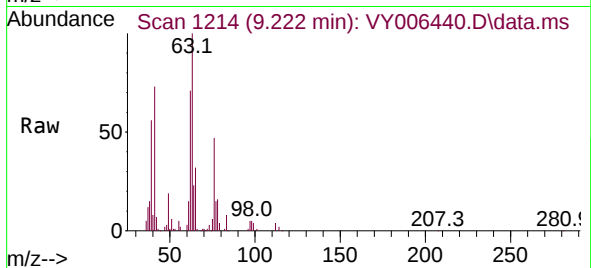
65 31.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#46

Dibromomethane

Concen: 19.505 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

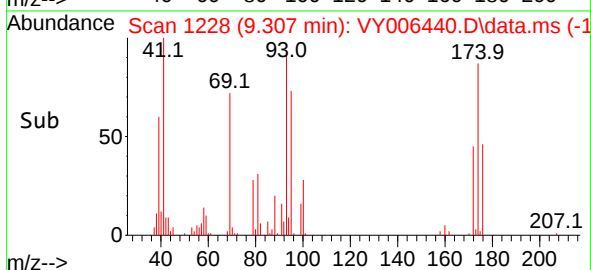
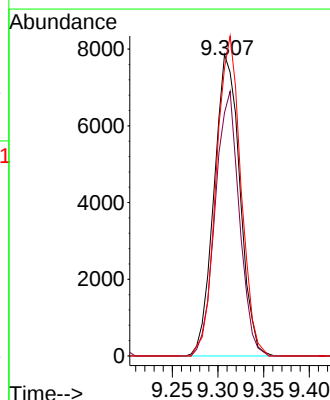
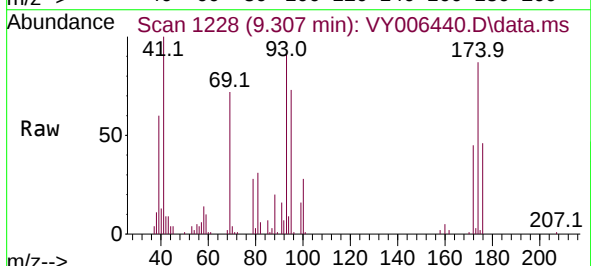
Tgt Ion: 93 Resp: 15422

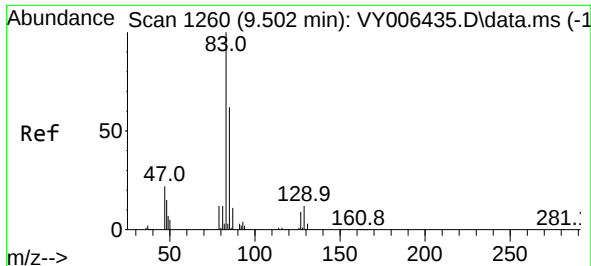
Ion Ratio Lower Upper

93 100

95 81.9 65.5 98.3

174 101.3 84.3 126.5





#47

Bromodichloromethane

Concen: 19.354 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

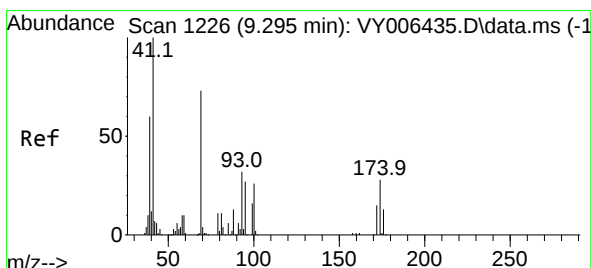
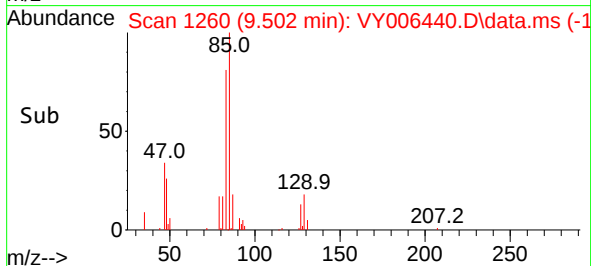
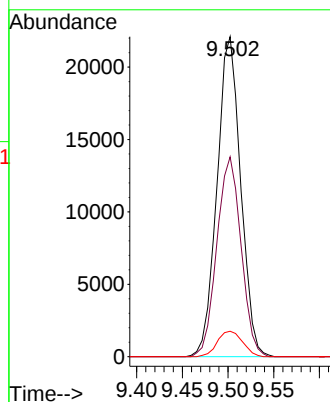
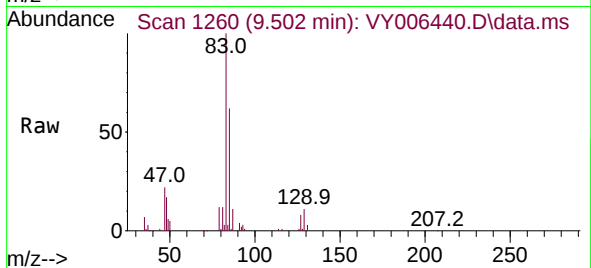
VY1022SBS01

Tgt Ion: 83	Resp: 3980
Ion Ratio	Lower Upper
83 100	
85 62.4	49.9 74.9
127 7.9	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: 18.816 ug/l

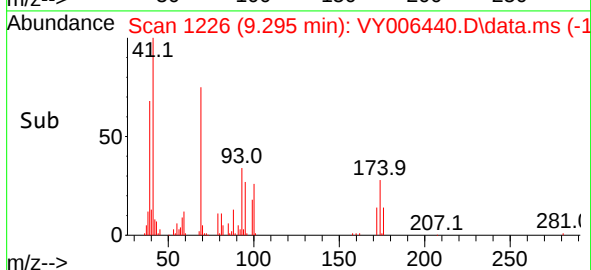
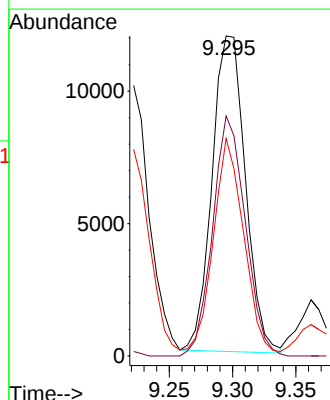
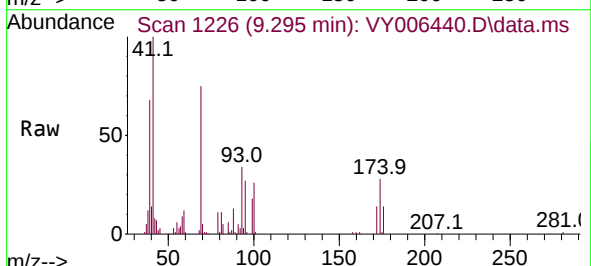
RT: 9.295 min Scan# 1226

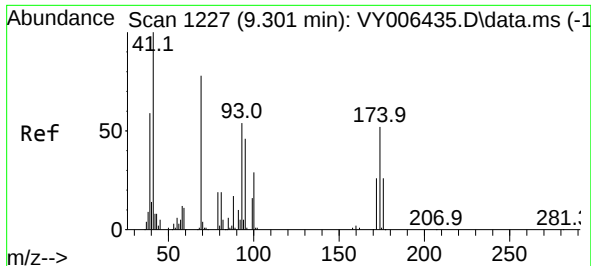
Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Tgt Ion: 41	Resp: 21830
Ion Ratio	Lower Upper
41 100	
69 74.4	60.4 90.6
39 63.9	48.2 72.2





#49

1,4-Dioxane

Concen: 383.164 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

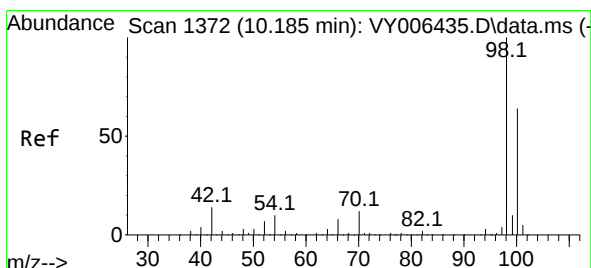
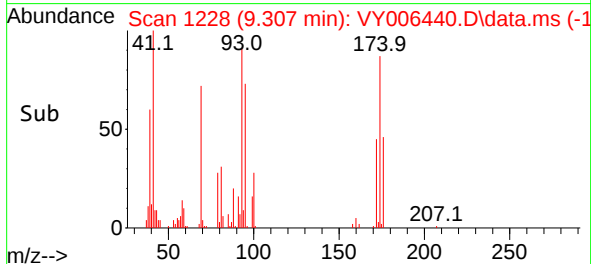
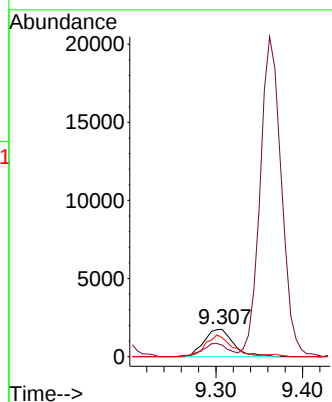
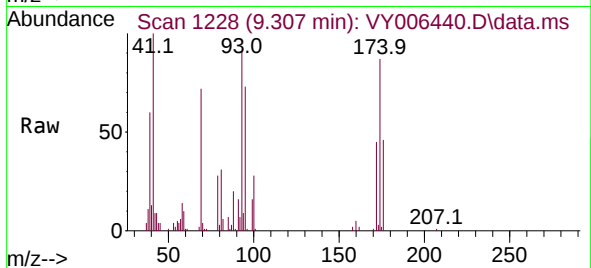
VY1022SBS01

Tgt Ion: 88	Resp: 411
Ion Ratio	Lower Upper
88	100
43	43.1 34.1 51.1
58	71.2 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: 52.169 ug/l

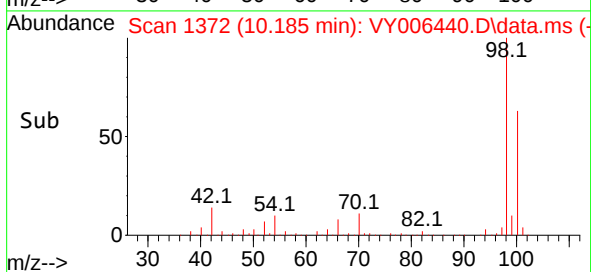
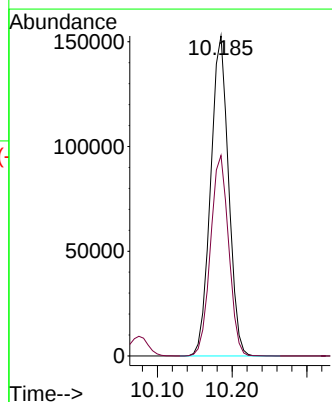
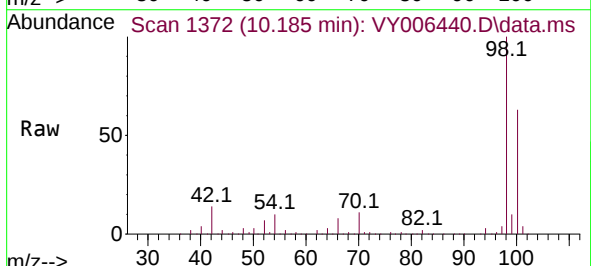
RT: 10.185 min Scan# 1372

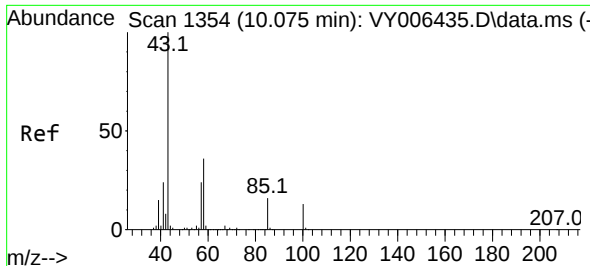
Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

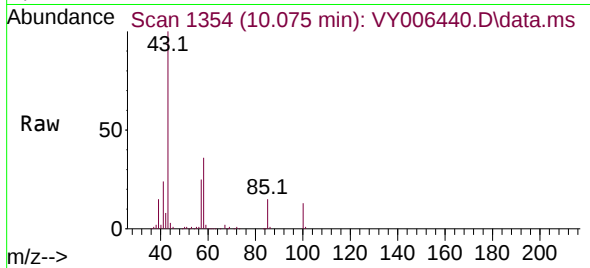
Tgt Ion: 98	Resp: 254358
Ion Ratio	Lower Upper
98	100
100	63.4 50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 93.023 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

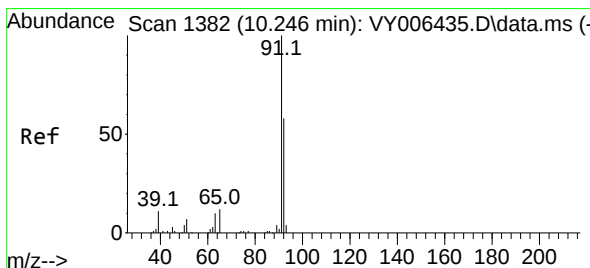
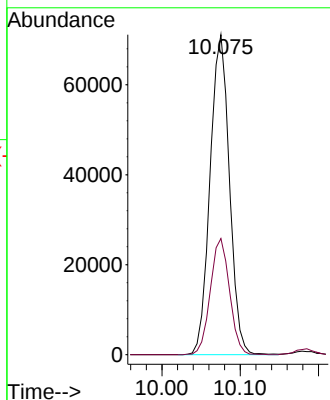
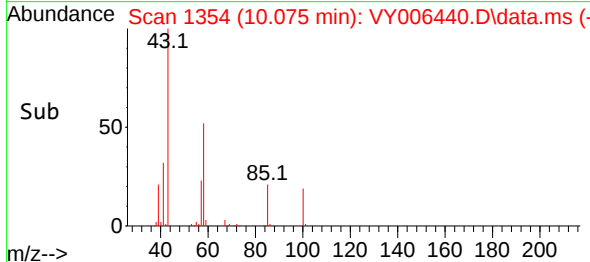
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01



Tgt Ion: 43 Resp: 12206
Ion Ratio Lower Upper
43 100
58 36.1 28.7 43.1

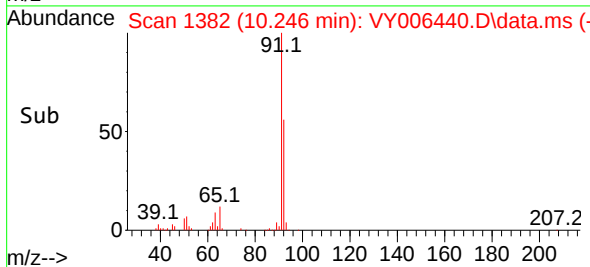
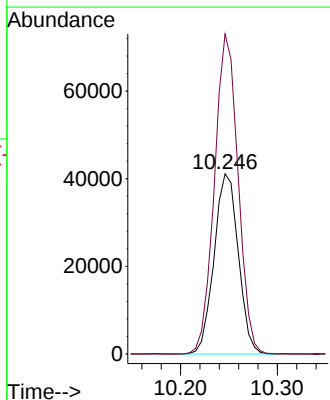
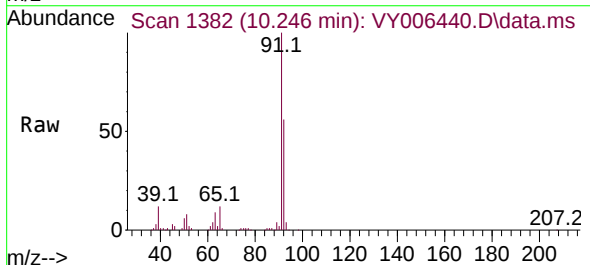
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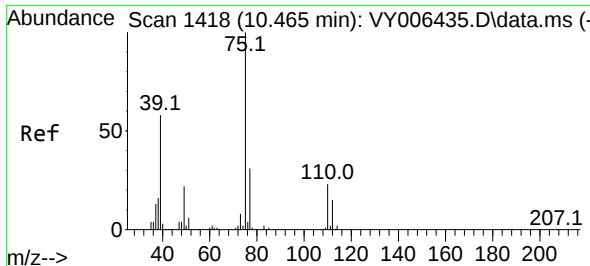
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#52
Toluene
Concen: 19.556 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Tgt Ion: 92 Resp: 71353
Ion Ratio Lower Upper
92 100
91 173.4 139.7 209.5





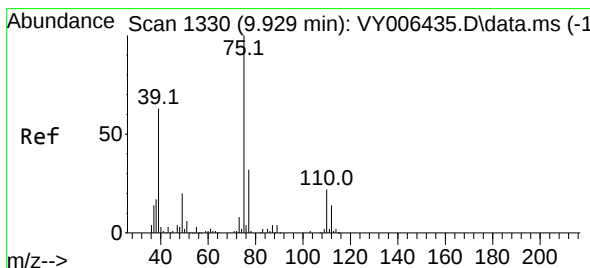
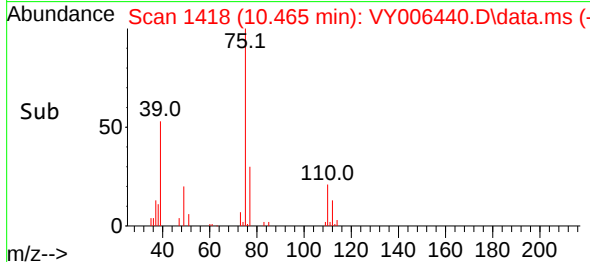
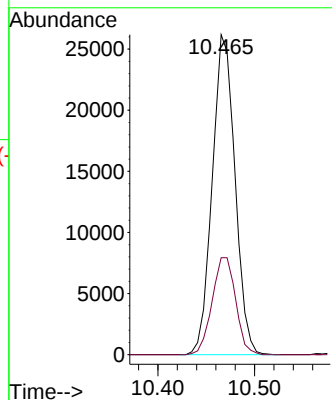
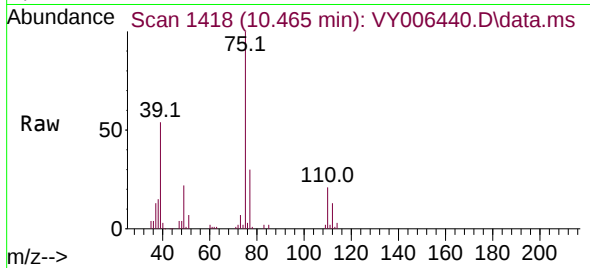
#53
t-1,3-Dichloropropene
Concen: 19.284 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tgt Ion: 75 Resp: 42729
Ion Ratio Lower Upper
75 100
77 30.3 24.9 37.3

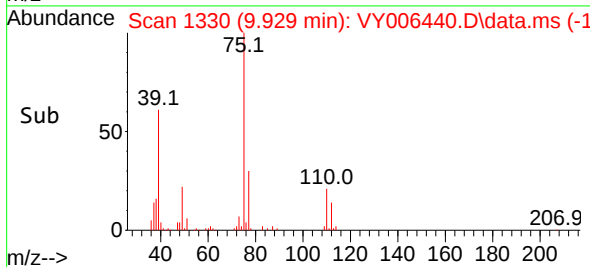
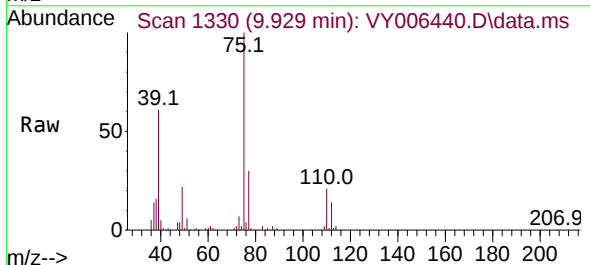
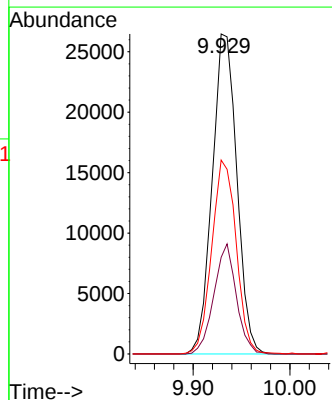
Manual Integrations
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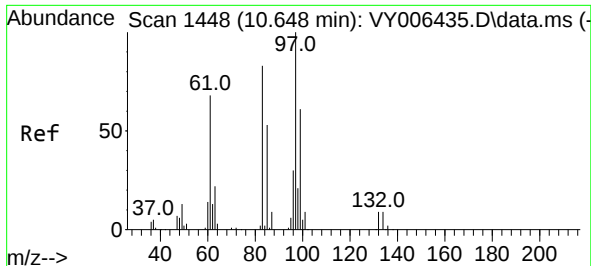
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#54
cis-1,3-Dichloropropene
Concen: 19.495 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

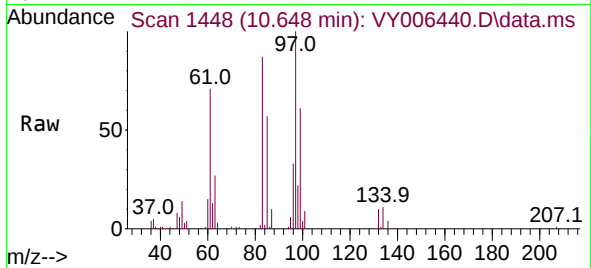
Tgt Ion: 75 Resp: 46802
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.2
39 60.6 50.2 75.2





#55
1,1,2-Trichloroethane
Concen: 19.231 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

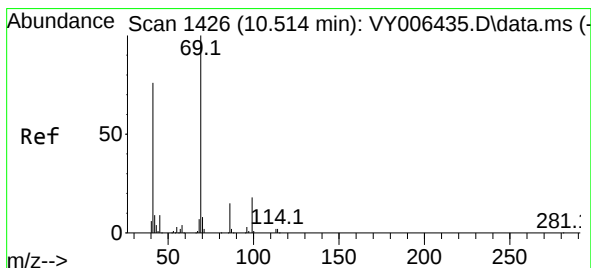
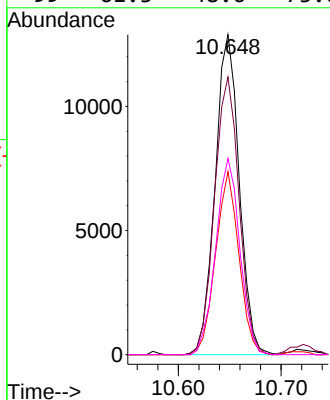
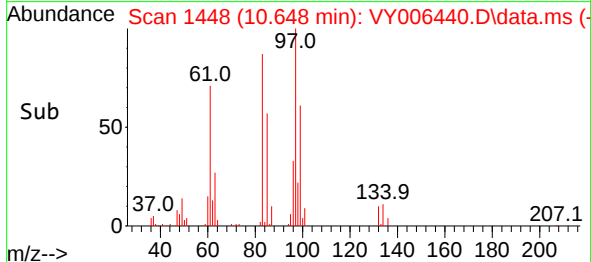
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01



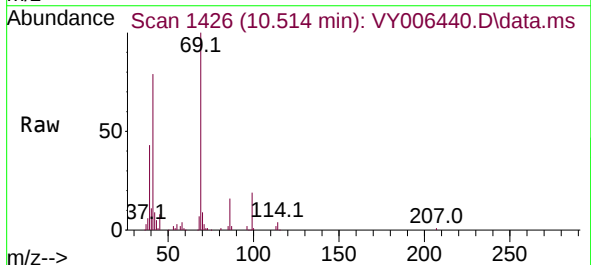
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.2	99.2
85	57.2	42.2	63.4
99	61.3	48.6	73.0

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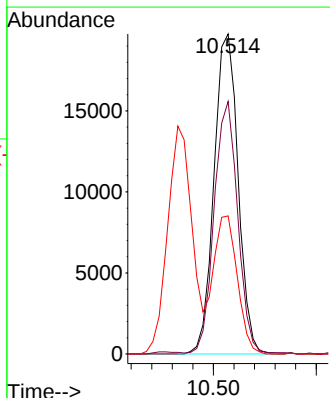
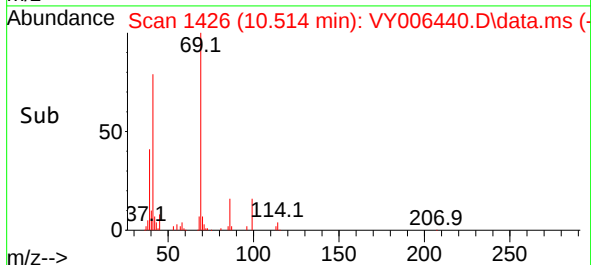
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

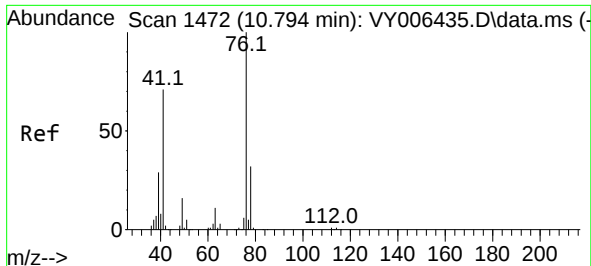


#56
Ethyl methacrylate
Concen: 18.968 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38



Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.7	62.9	94.3
39	43.3	35.7	53.5





#57

1,3-Dichloropropane

Concen: 19.286 ug/l

RT: 10.789 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tgt Ion: 76 Resp: 38318

Ion Ratio Lower Upper

76 100

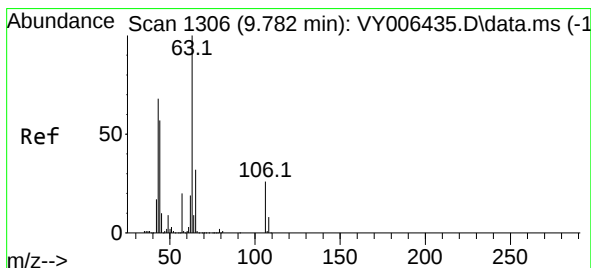
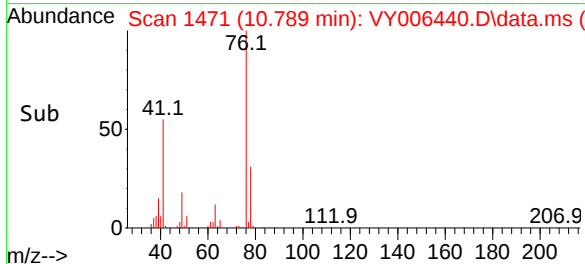
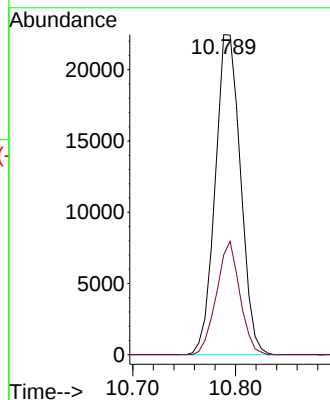
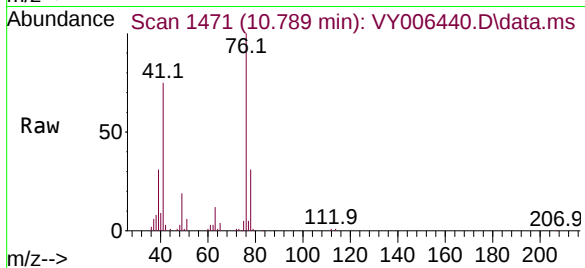
78 32.7 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#58

2-Chloroethyl Vinyl ether

Concen: 98.227 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY006440.D

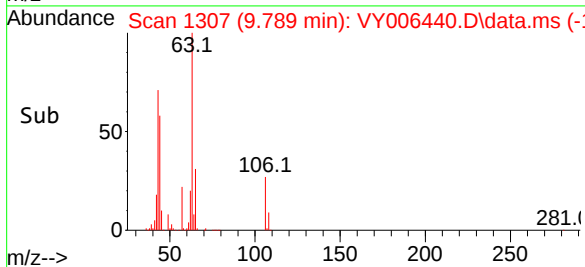
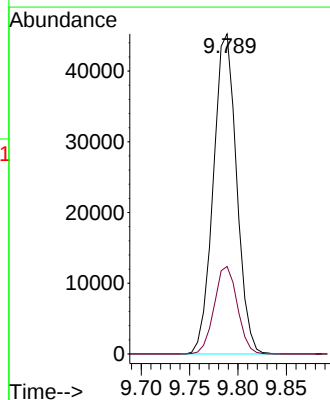
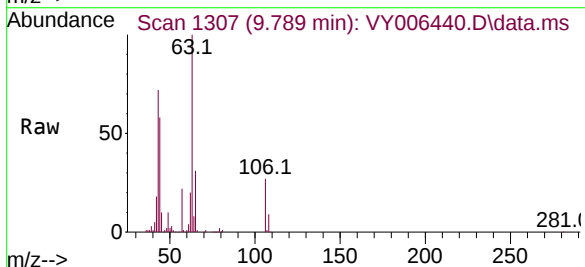
Acq: 22 Oct 2021 15:38

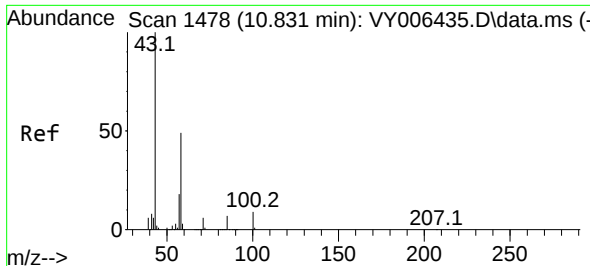
Tgt Ion: 63 Resp: 75679

Ion Ratio Lower Upper

63 100

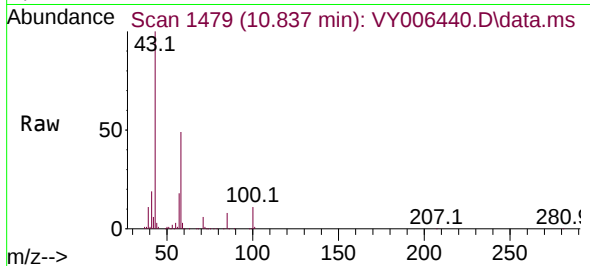
106 27.2 21.4 32.2





#59
2-Hexanone
Concen: 91.056 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

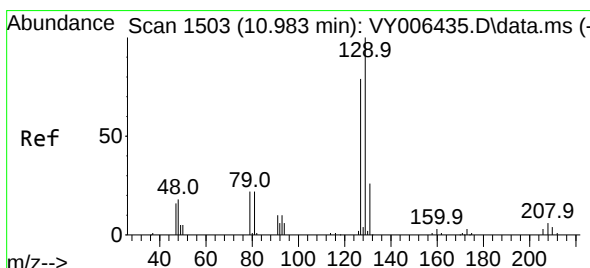
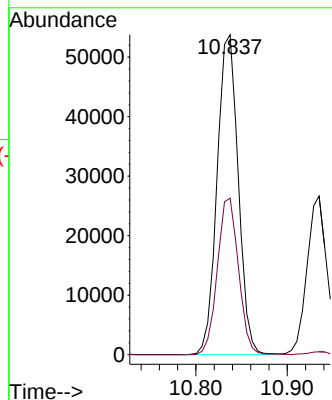
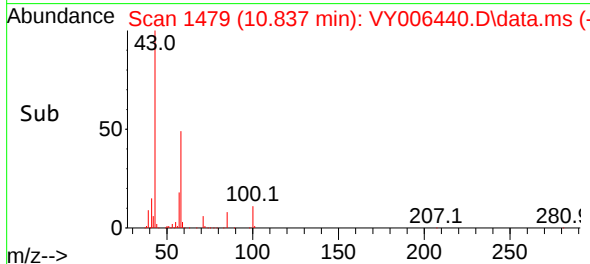
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01



Tgt Ion: 43 Resp: 8647
Ion Ratio Lower Upper
43 100
58 48.9 24.6 73.6

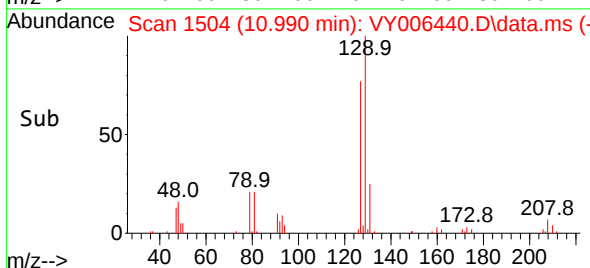
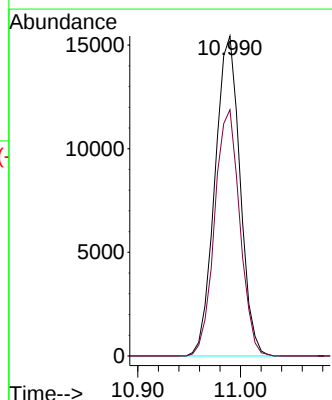
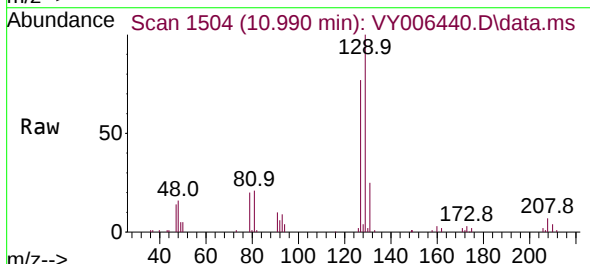
Manual Integrations
APPROVED

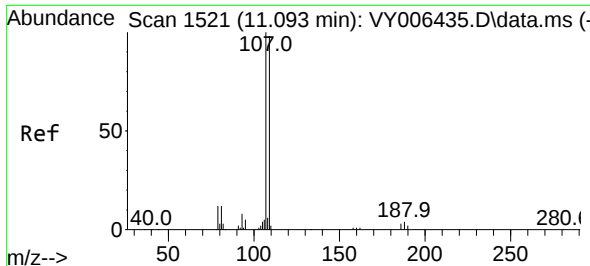
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#60
Dibromochloromethane
Concen: 19.426 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

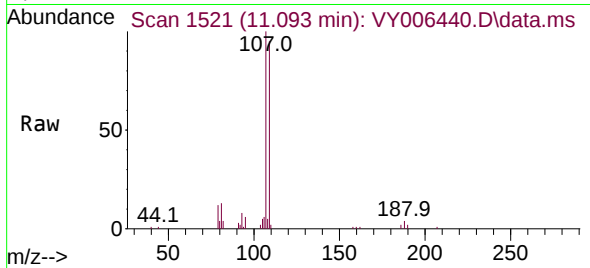
Tgt Ion:129 Resp: 26195
Ion Ratio Lower Upper
129 100
127 77.0 39.4 118.1





#61
1,2-Dibromoethane
Concen: 19.287 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

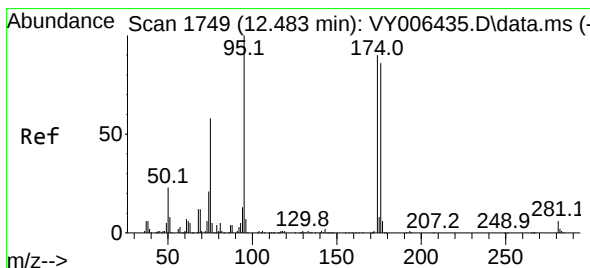
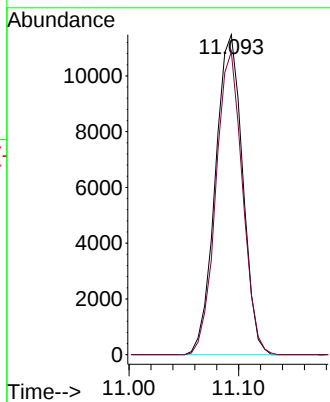
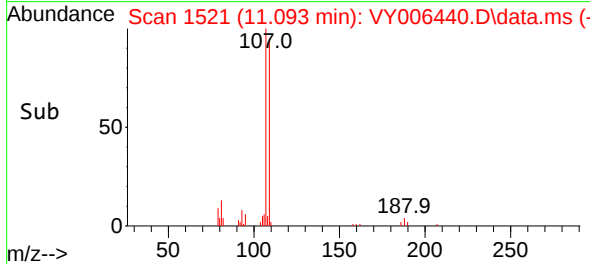
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01



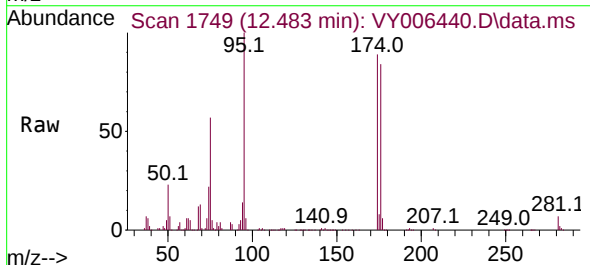
Tgt Ion:107 Resp: 1985
Ion Ratio Lower Upper
107 100
109 92.1 76.2 114.2

Manual Integrations
APPROVED

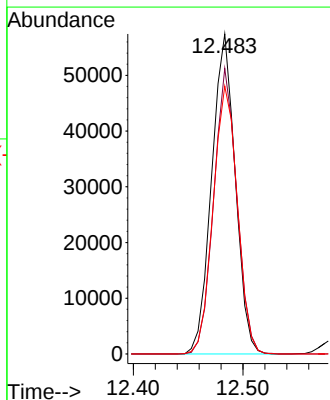
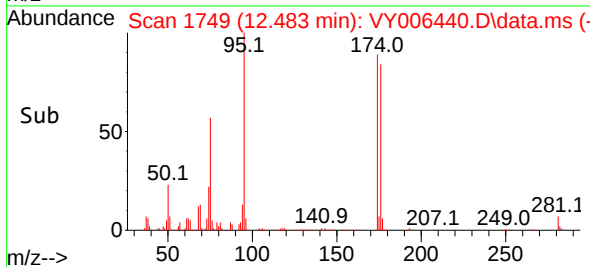
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

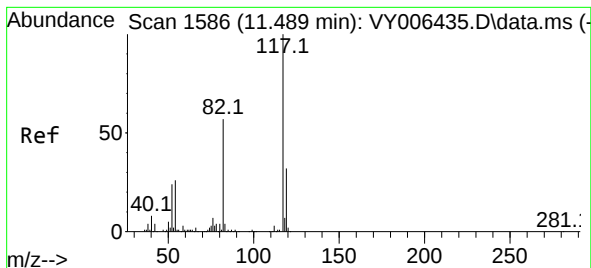


#62
4-Bromofluorobenzene
Concen: 52.313 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38



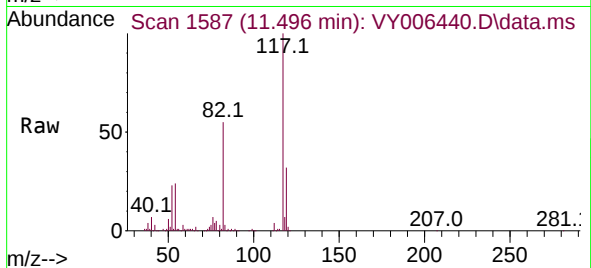
Tgt Ion: 95 Resp: 85920
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 86.0 0.0 169.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

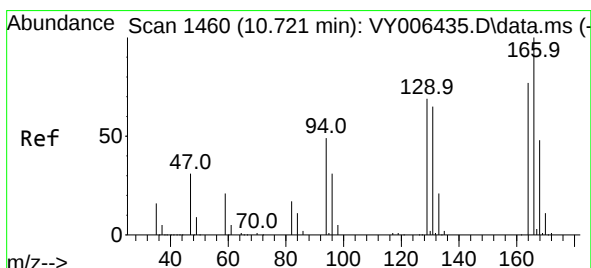
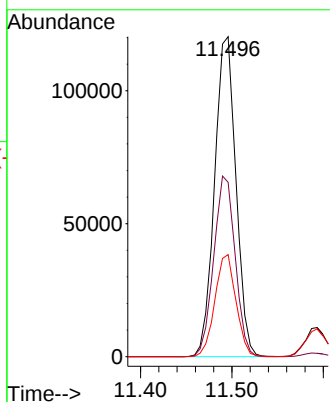
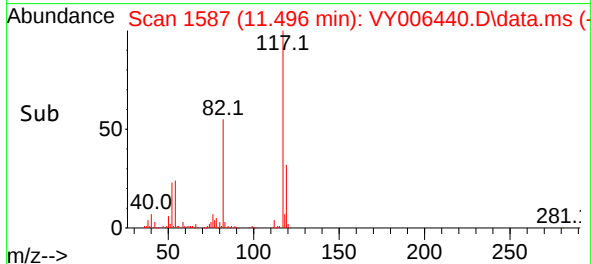
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01



Tgt Ion:117 Resp: 19555
Ion Ratio Lower Upper
117 100
82 54.5 45.7 68.5
119 31.9 25.5 38.3

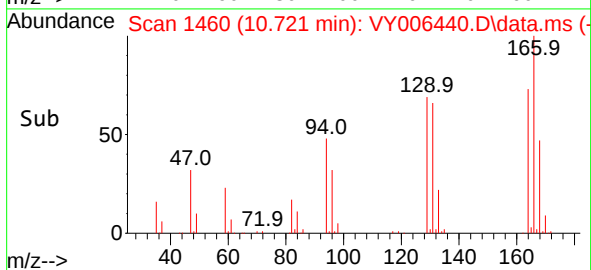
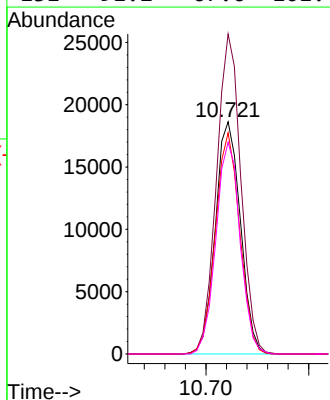
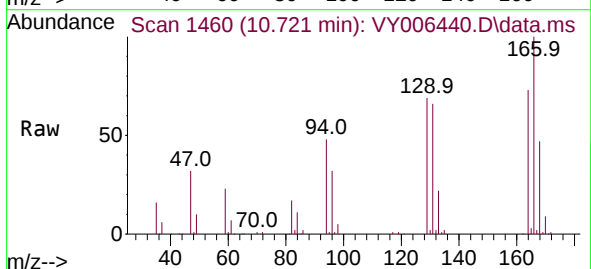
Manual Integrations
APPROVED

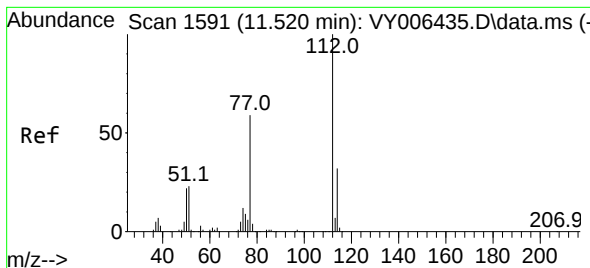
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#64
Tetrachloroethene
Concen: 18.447 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

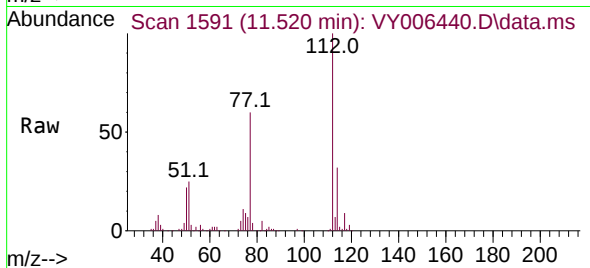
Tgt Ion:164 Resp: 31544
Ion Ratio Lower Upper
164 100
166 137.8 103.3 154.9
129 95.2 71.2 106.8
131 91.2 67.6 101.4





#65
Chlorobenzene
Concen: 19.300 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

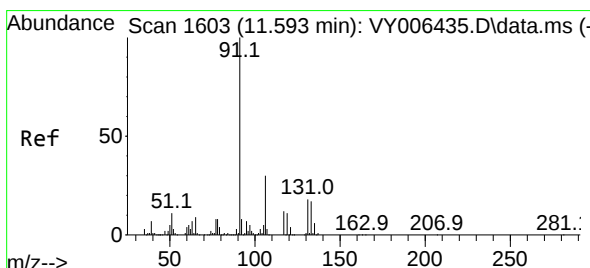
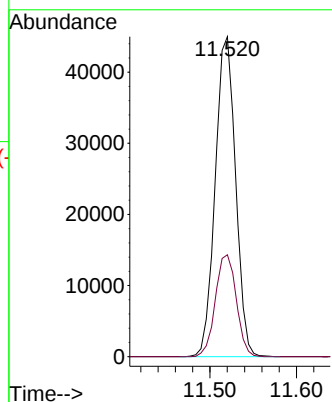
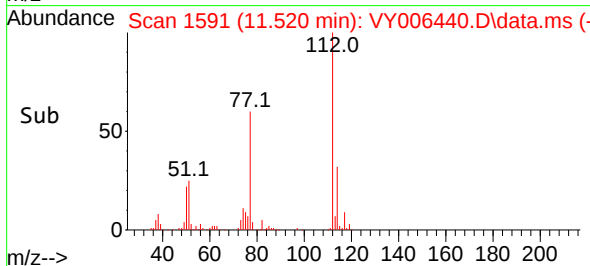
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01



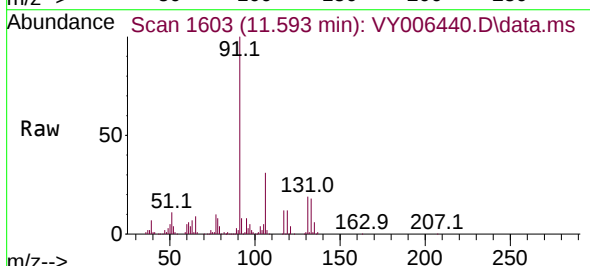
Tgt Ion:112 Resp: 73452
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

Manual Integrations
APPROVED

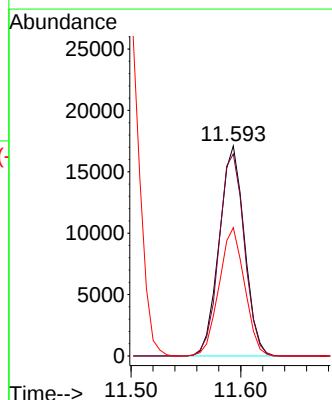
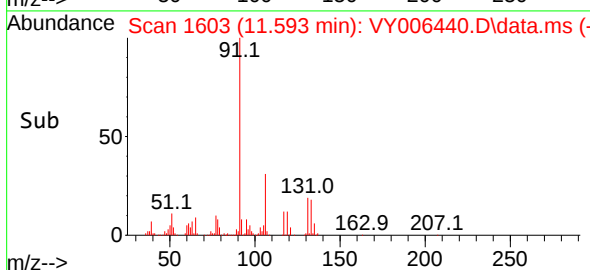
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

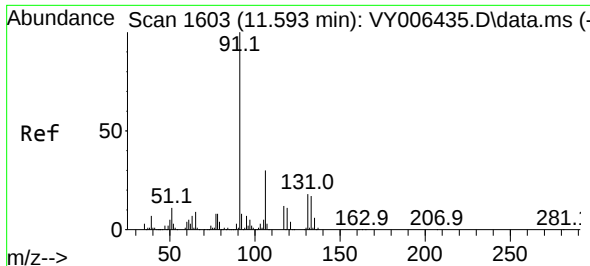


#66
1,1,1,2-Tetrachloroethane
Concen: 19.096 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38



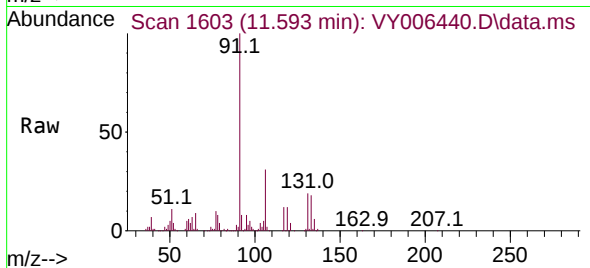
Tgt Ion:131 Resp: 27359
Ion Ratio Lower Upper
131 100
133 97.1 47.8 143.3
119 61.6 30.8 92.4





#67
Ethyl Benzene
Concen: 19.149 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

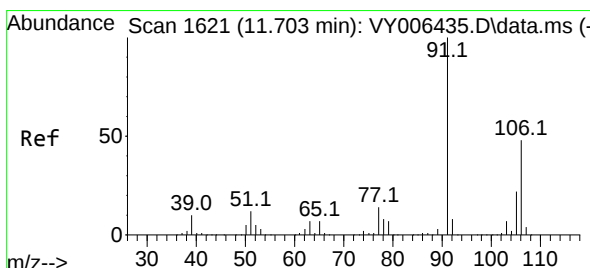
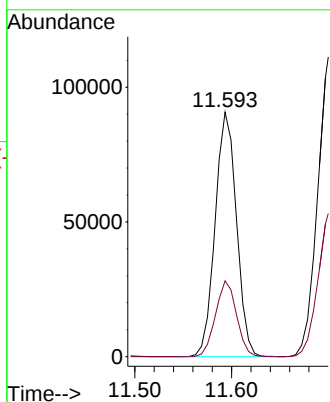
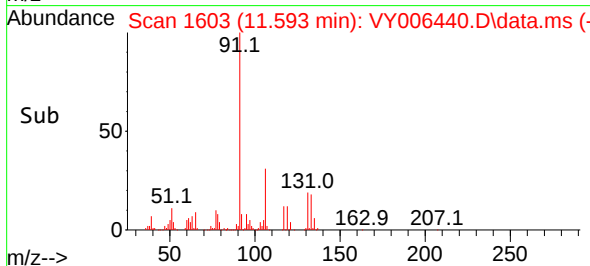
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01



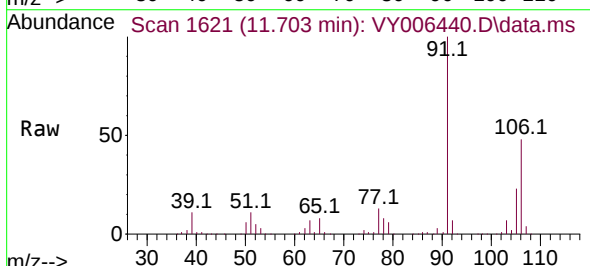
Tgt Ion: 91 Resp: 138770
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4

Manual Integrations
APPROVED

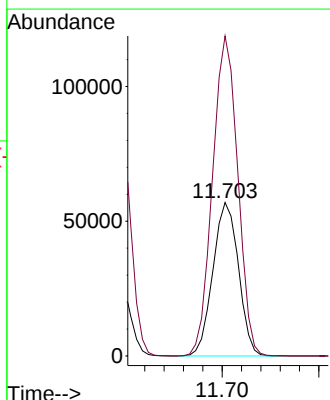
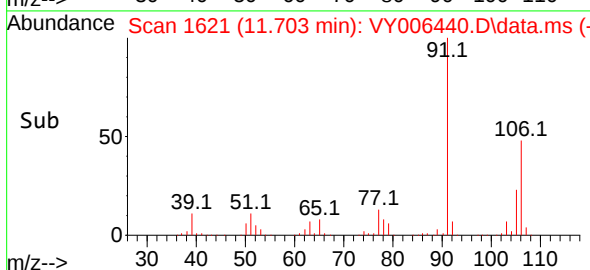
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

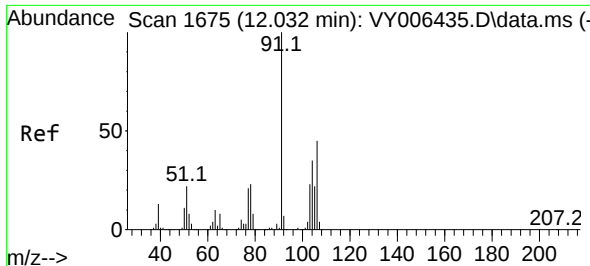


#68
m/p-Xylenes
Concen: 38.261 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38



Tgt Ion:106 Resp: 104311
Ion Ratio Lower Upper
106 100
91 206.1 167.5 251.3





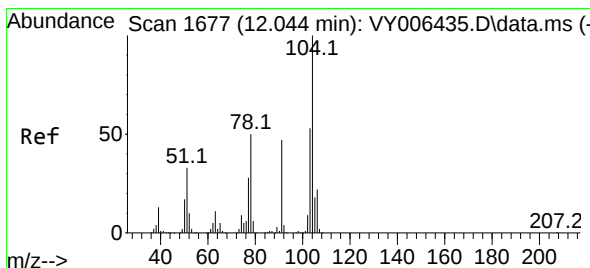
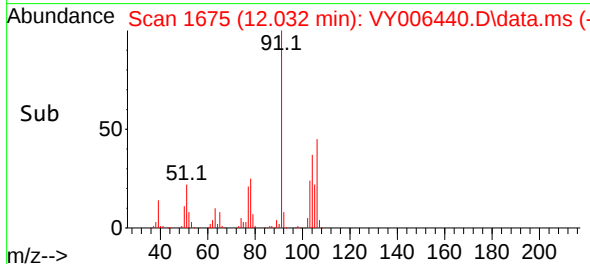
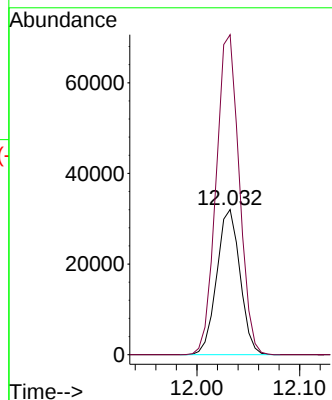
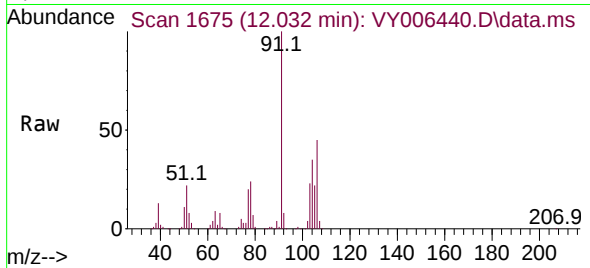
#69
o-Xylene
Concen: 19.342 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tgt Ion:106 Resp: 50318
Ion Ratio Lower Upper
106 100
91 219.0 110.3 330.9

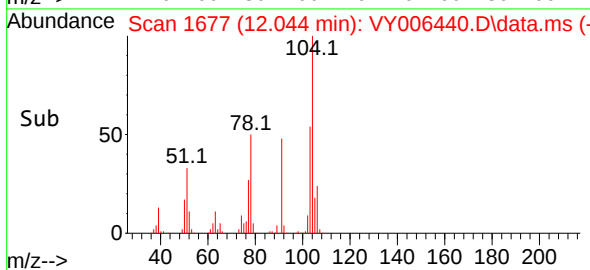
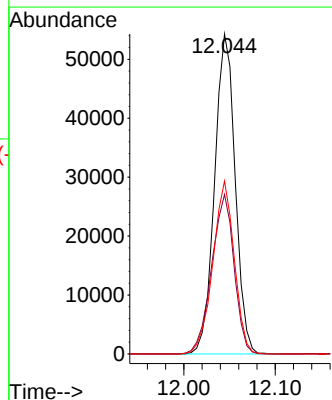
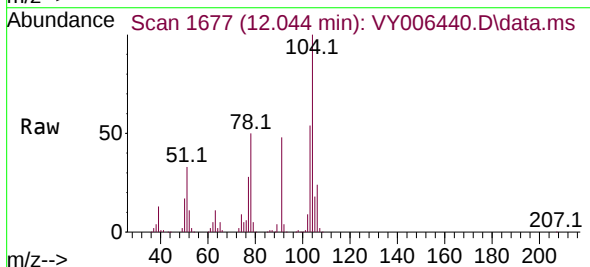
Manual Integrations
APPROVED

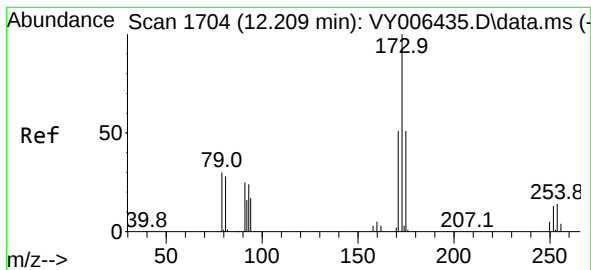
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#70
Styrene
Concen: 19.119 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Tgt Ion:104 Resp: 85039
Ion Ratio Lower Upper
104 100
78 54.3 42.6 63.8
103 56.2 44.6 67.0





#71

Bromoform

Concen: 18.613 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

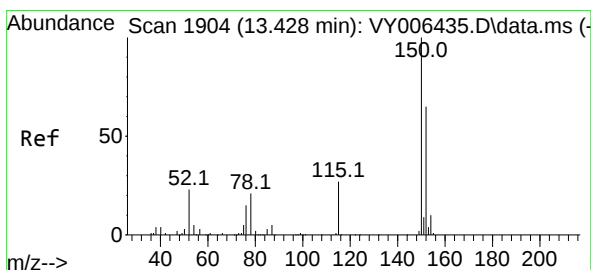
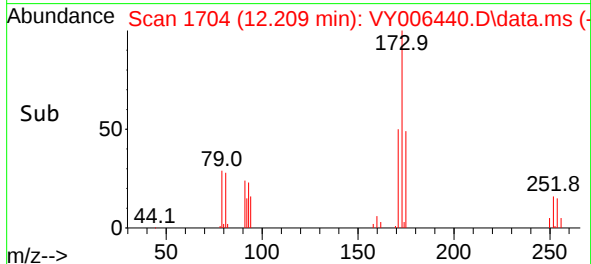
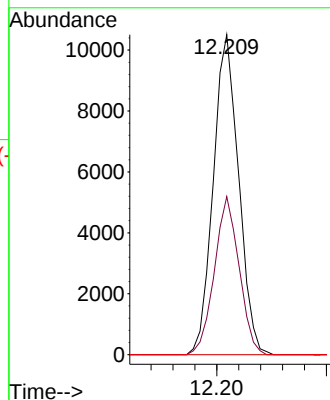
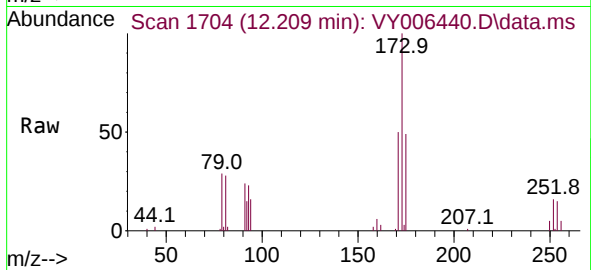
VY1022SBS01

Tgt Ion:173	Resp:	1685
Ion Ratio	Lower	Upper
173	100	
175	48.2	24.8 74.3
254	0.0	0.1 0.1

Manual Integrations

APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

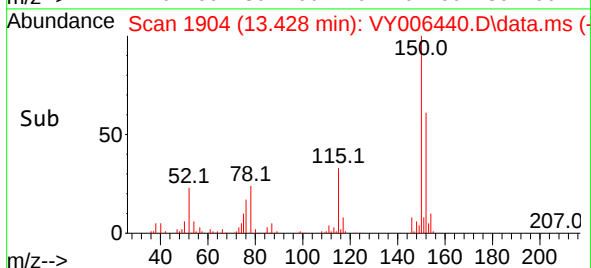
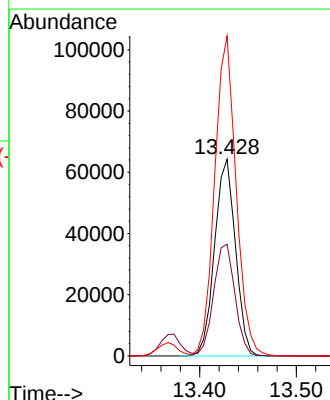
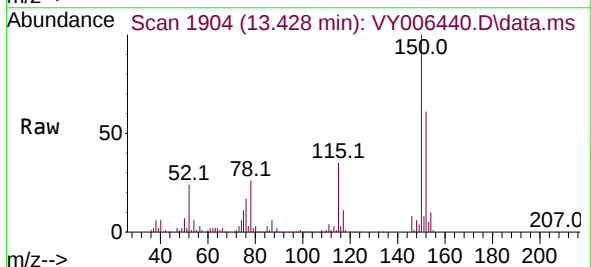
RT: 13.428 min Scan# 1904

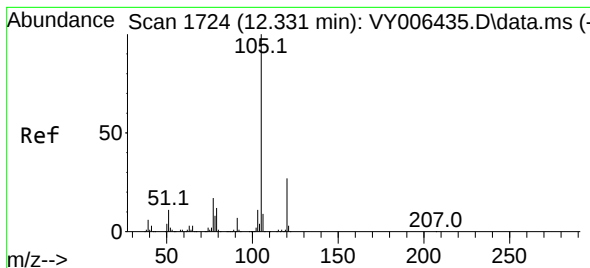
Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Tgt Ion:152	Resp:	96404
Ion Ratio	Lower	Upper
152	100	
115	57.7	28.5 85.5
150	166.8	0.0 348.2





#73

Isopropylbenzene

Concen: 19.853 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tgt Ion:105 Resp: 13388

Ion Ratio Lower Upper

105 100

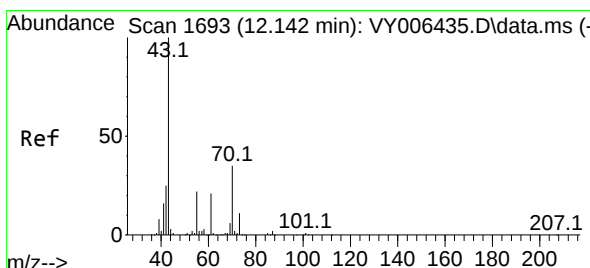
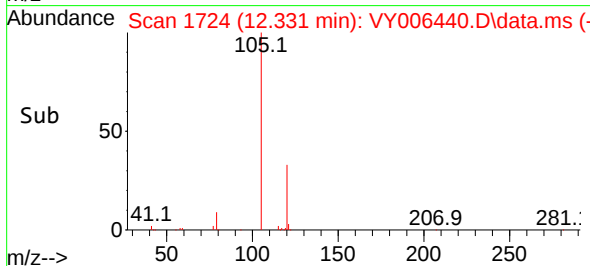
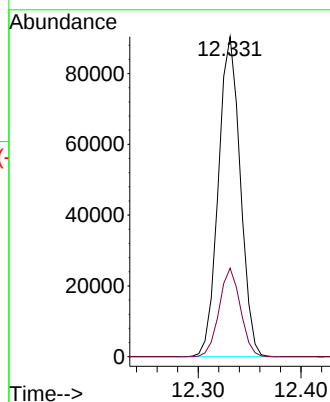
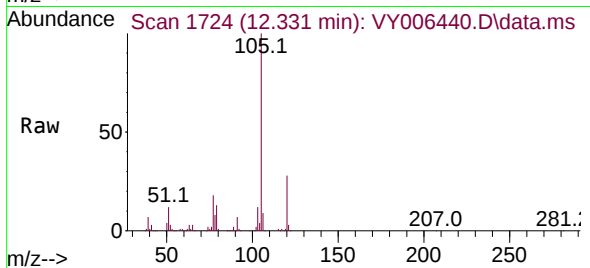
120 26.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#74

N-ethyl acetate

Concen: 19.488 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Tgt Ion: 43 Resp: 43595

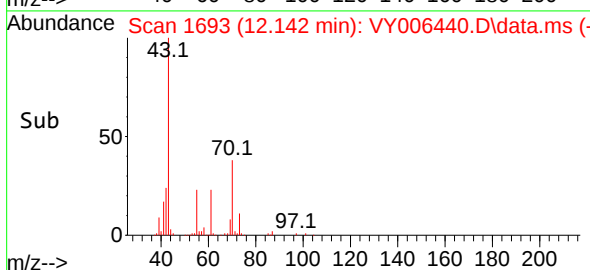
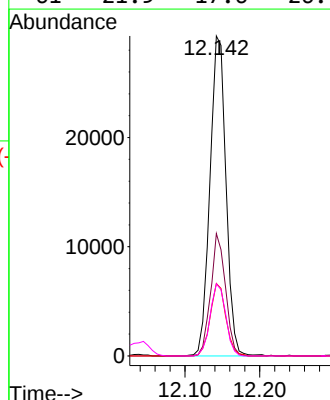
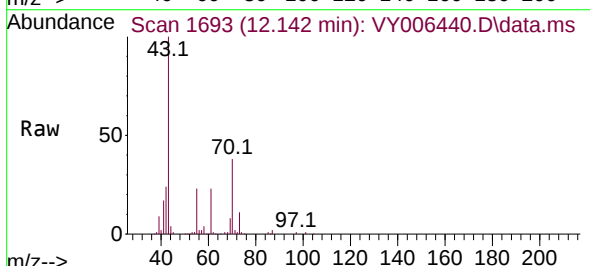
Ion Ratio Lower Upper

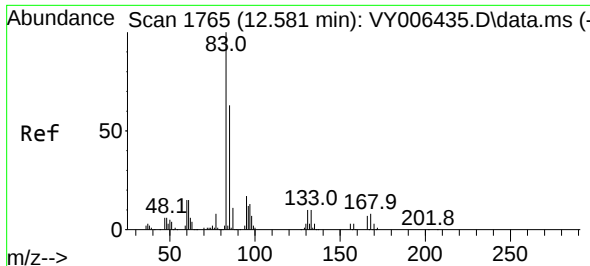
43 100

70 35.4 29.4 44.0

55 22.1 18.1 27.1

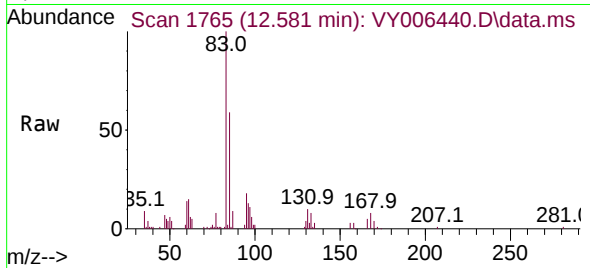
61 21.9 17.6 26.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.545 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

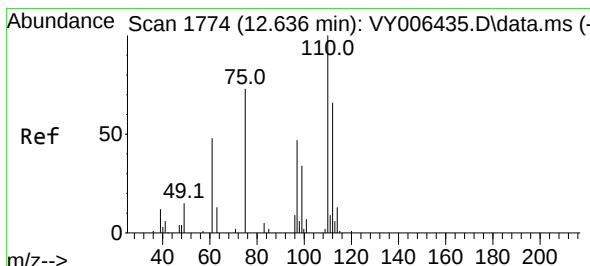
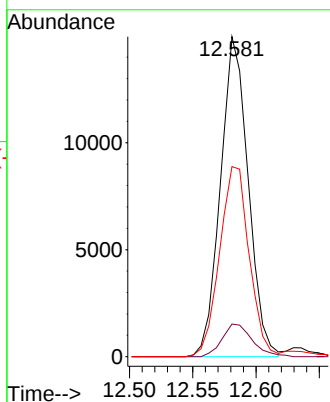
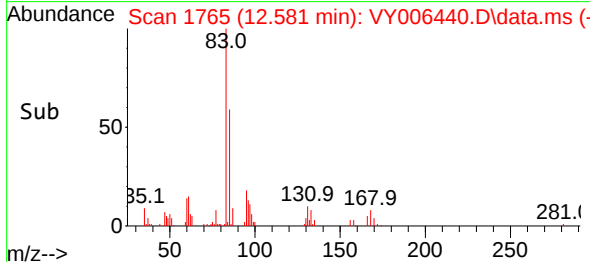
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01



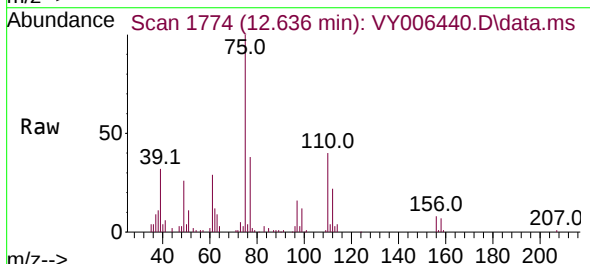
Tgt Ion: 83 Resp: 22818
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.4
85 63.3 31.9 95.9

Manual Integrations
APPROVED

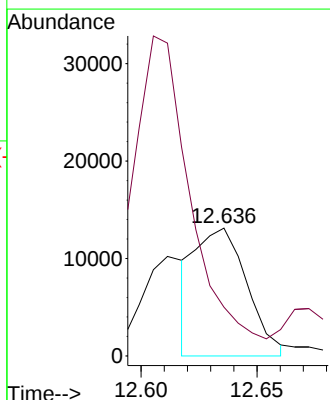
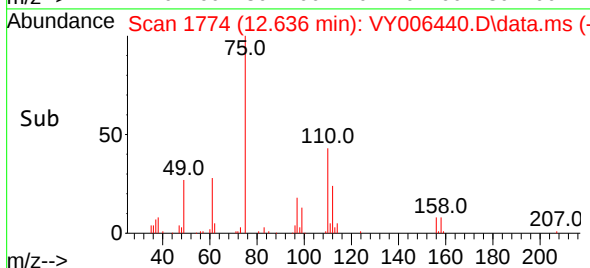
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

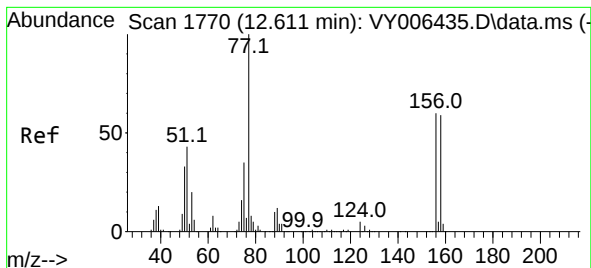


#76
1,2,3-Trichloropropane
Concen: 20.555 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38



Tgt Ion: 75 Resp: 20420
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.700 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

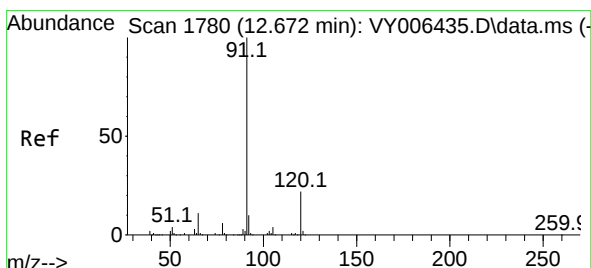
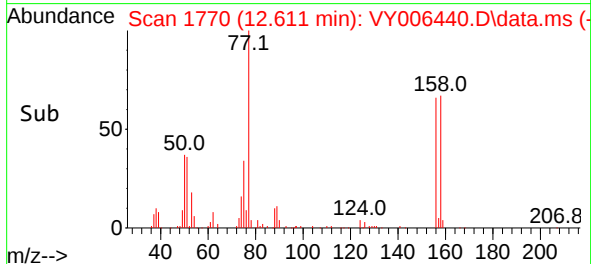
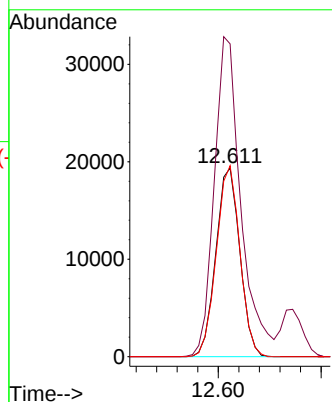
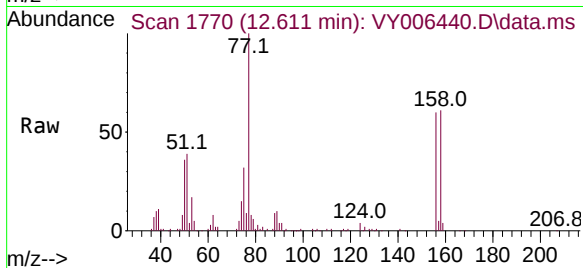
VY1022SBS01

Tgt Ion:	156	Resp:	31300
Ion Ratio	Lower	Upper	
156	100		
77	188.2	94.2	282.4
158	99.2	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: 19.758 ug/l

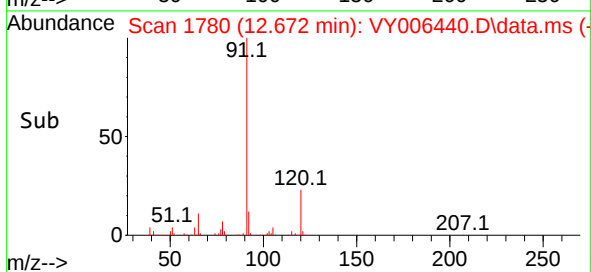
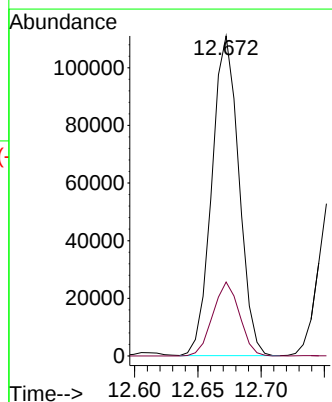
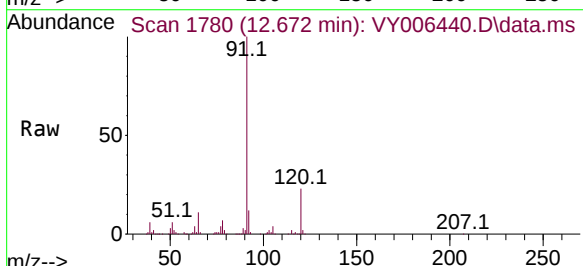
RT: 12.672 min Scan# 1780

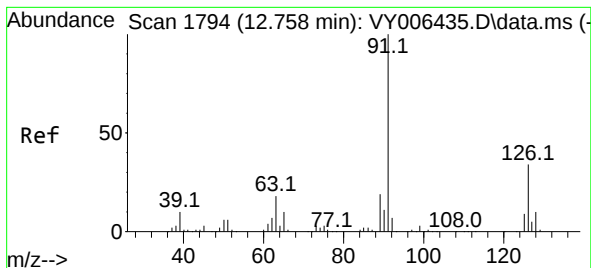
Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Tgt Ion:	91	Resp:	164665
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.3	33.8





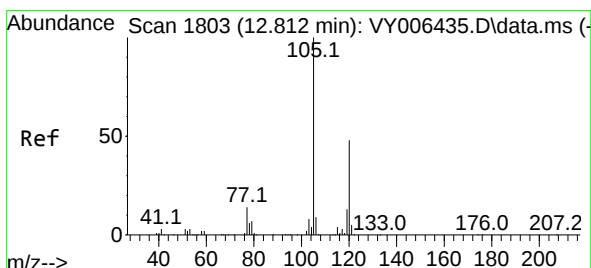
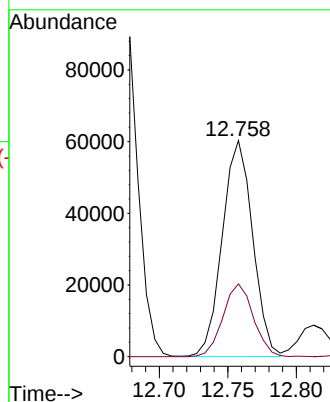
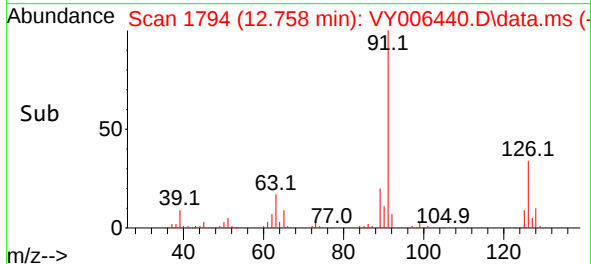
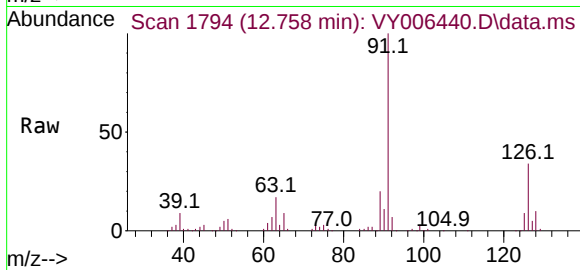
#79
2-Chlorotoluene
Concen: 20.159 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tgt Ion: 91 Resp: 93010
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2

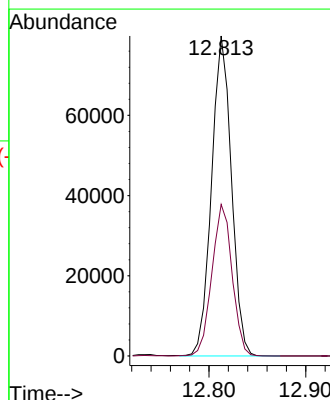
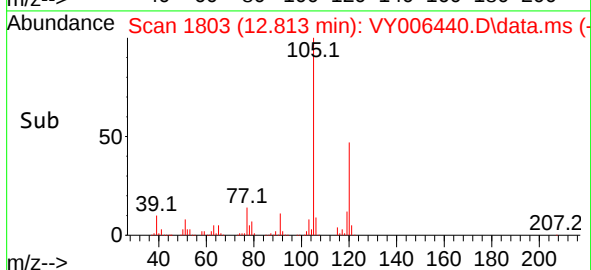
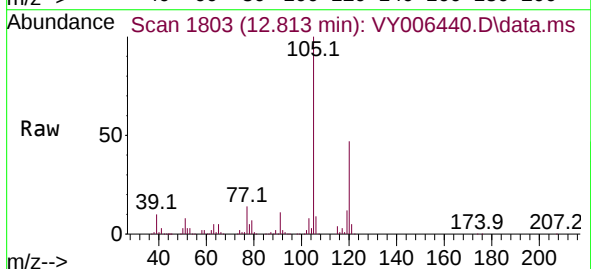
Manual Integrations
APPROVED

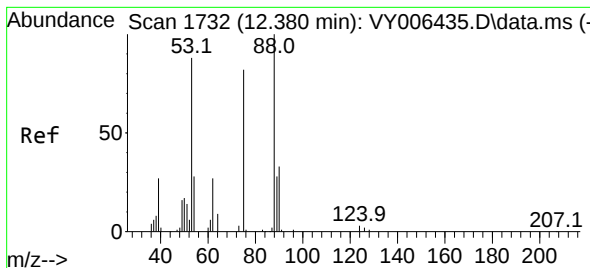
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.204 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Tgt Ion:105 Resp: 114086
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.4





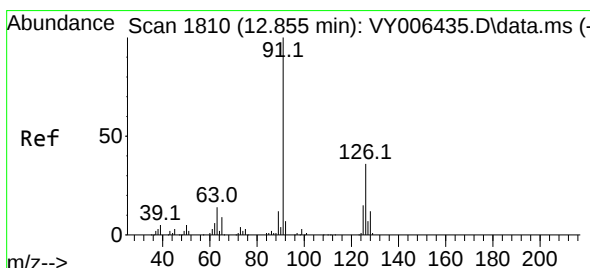
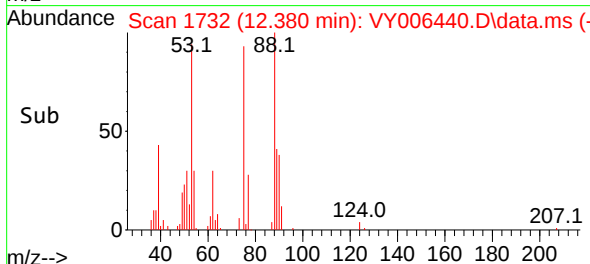
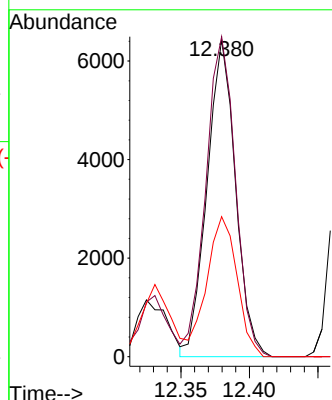
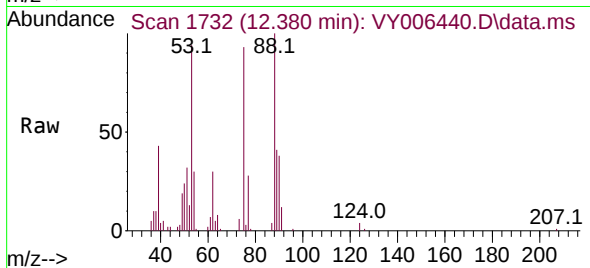
#81
trans-1,4-Dichloro-2-butene
Concen: 19.161 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tgt Ion: 75 Resp: 9272
Ion Ratio Lower Upper
75 100
53 104.9 85.8 128.6
89 46.6 39.3 58.9

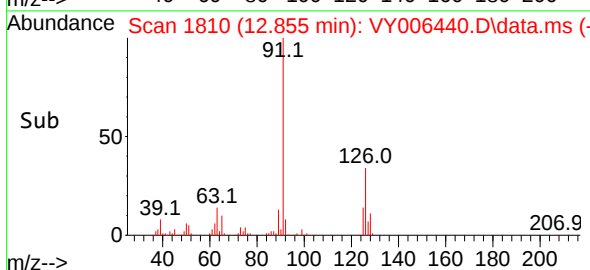
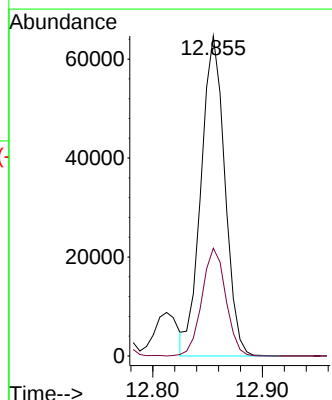
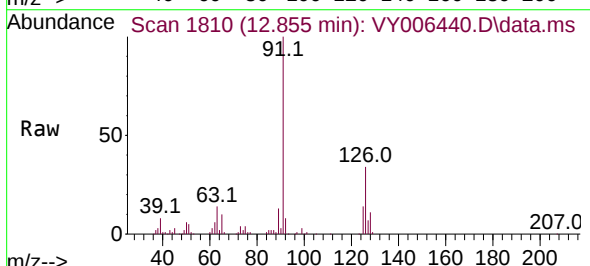
Manual Integrations
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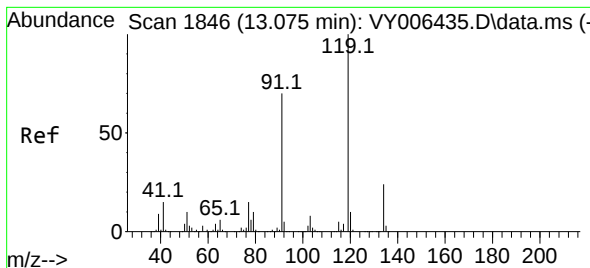
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#82
4-Chlorotoluene
Concen: 20.274 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Tgt Ion: 91 Resp: 97468
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.4





#83

tert-Butylbenzene

Concen: 19.815 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

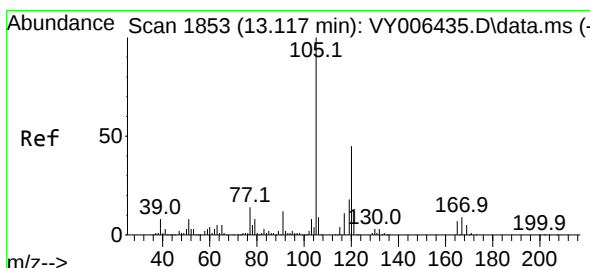
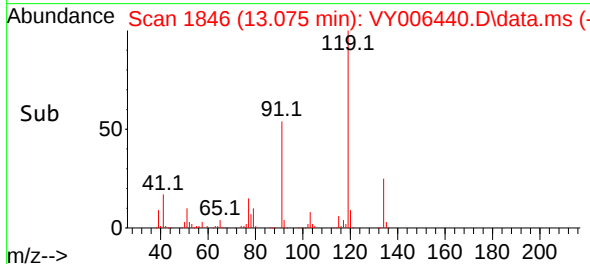
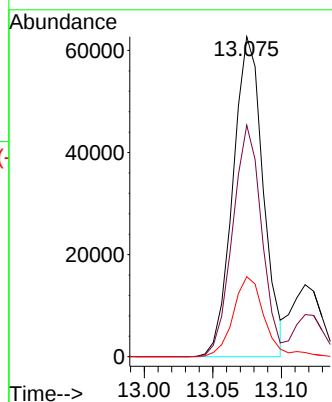
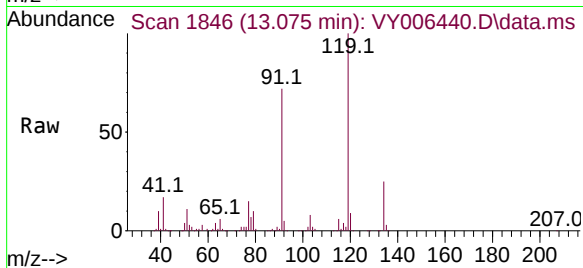
Tgt Ion:	119	Resp:	9614
Ion Ratio	Lower	Upper	
119	100		
91	69.8	34.8	104.5
134	25.9	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 10/25/2021

Supervised By :Mahesh Dadoda 10/25/2021



#84

1,2,4-Trimethylbenzene

Concen: 20.170 ug/l

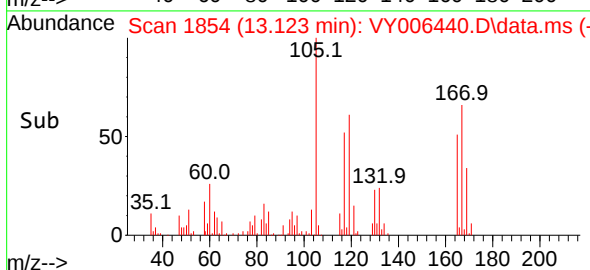
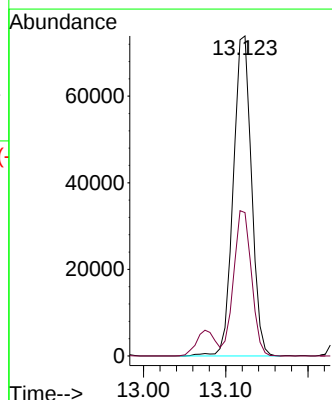
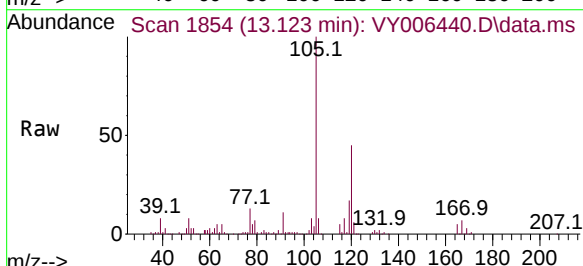
RT: 13.123 min Scan# 1854

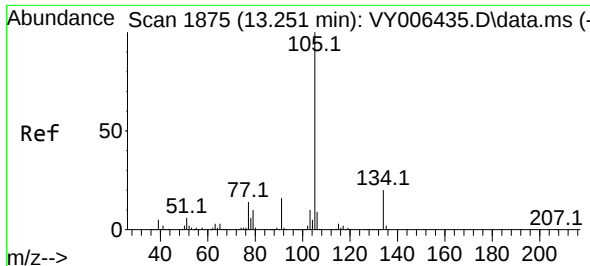
Delta R.T. 0.006 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

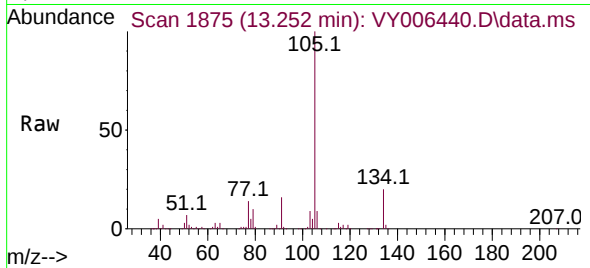
Tgt Ion:	105	Resp:	113882
Ion Ratio	Lower	Upper	
105	100		
120	44.6	22.6	67.8





#85
 sec-Butylbenzene
 Concen: 20.208 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY006440.D
 Acq: 22 Oct 2021 15:38

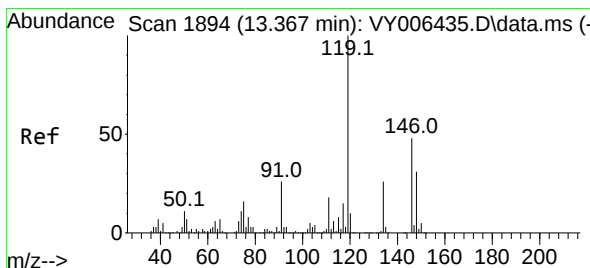
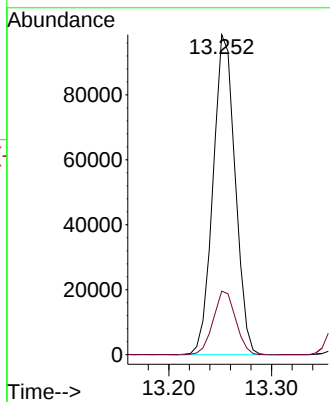
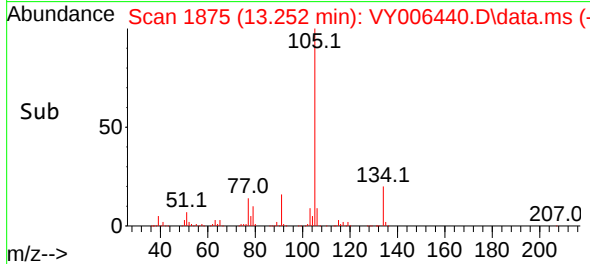
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01



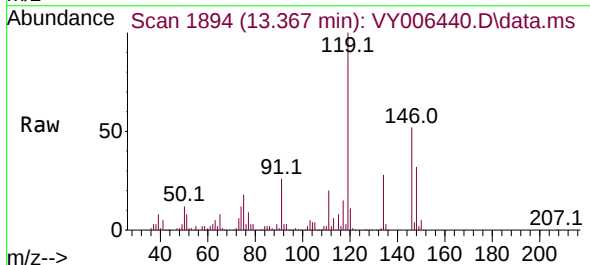
Tgt Ion:105 Resp: 147230
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3

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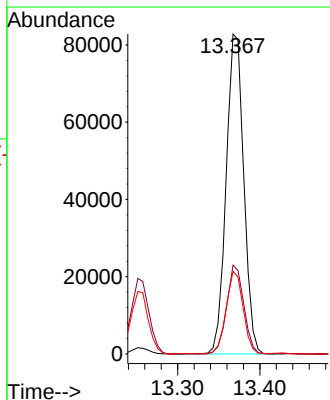
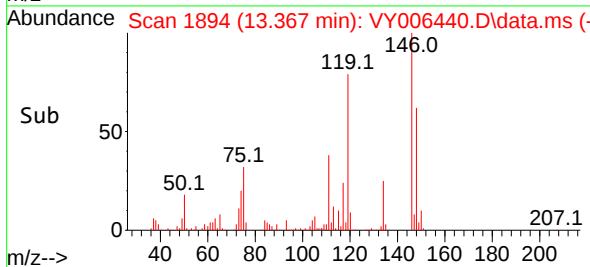
Reviewed By :Vimala Arumugam 10/25/2021
 Supervised By :Mahesh Dadoda 10/25/2021

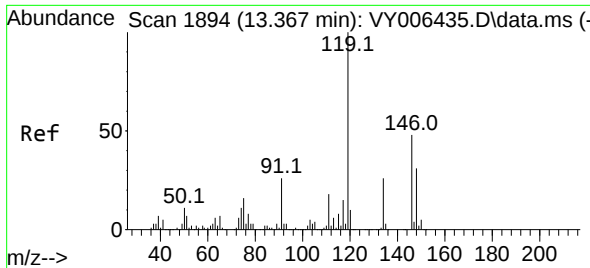


#86
 p-Isopropyltoluene
 Concen: 19.883 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY006440.D
 Acq: 22 Oct 2021 15:38



Tgt Ion:119 Resp: 123591
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.1
 91 25.0 12.4 37.4





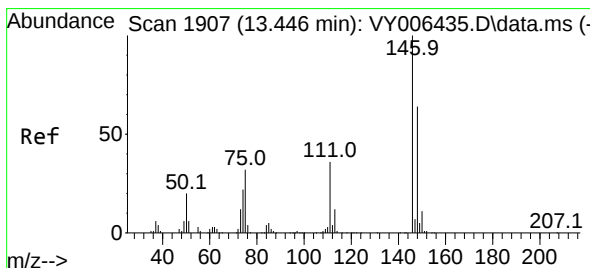
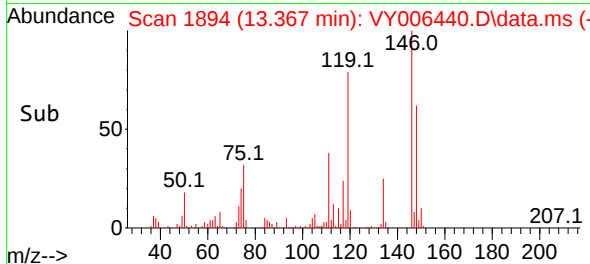
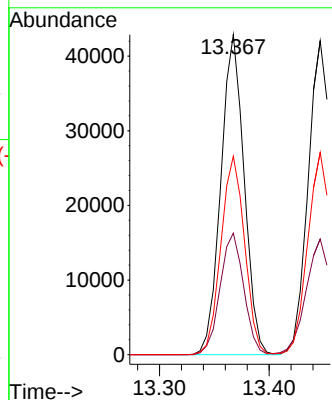
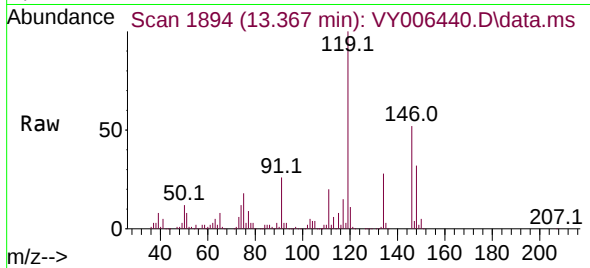
#87
1,3-Dichlorobenzene
Concen: 19.857 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tgt Ion:146 Resp: 63319
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.9
148 63.0 31.9 95.7

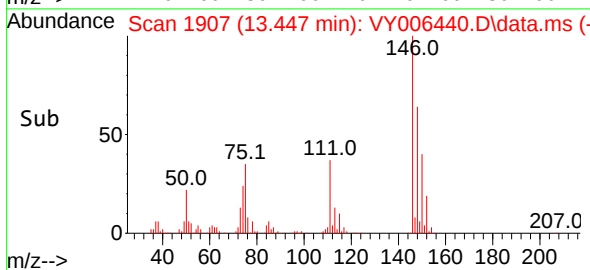
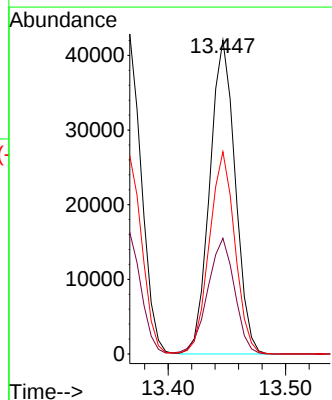
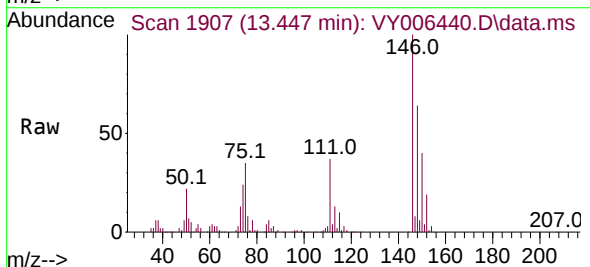
Manual Integrations
APPROVED

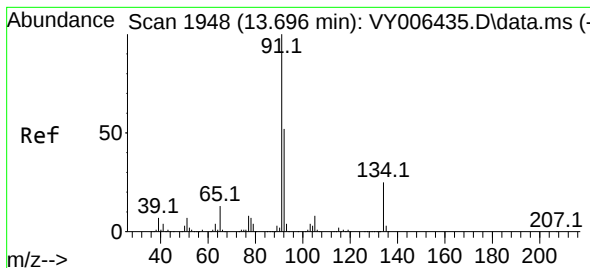
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#88
1,4-Dichlorobenzene
Concen: 20.208 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Tgt Ion:146 Resp: 63359
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.5
148 64.6 32.0 96.2





#89

n-Butylbenzene

Concen: 20.183 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

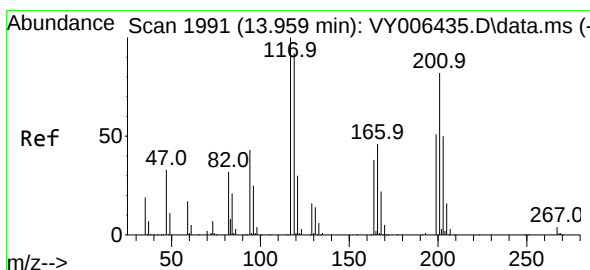
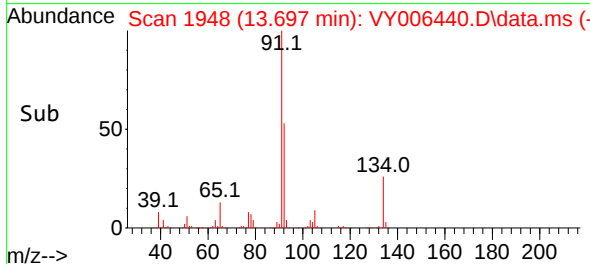
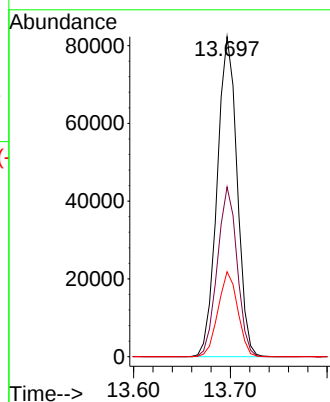
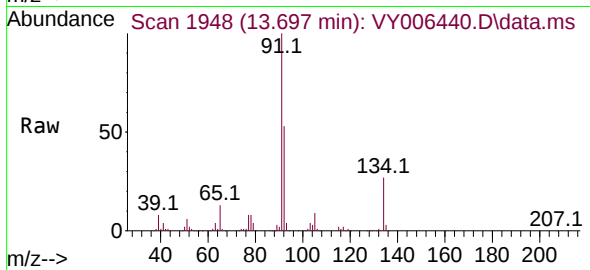
VY1022SBS01

Tgt Ion: 91	Resp: 11801
Ion Ratio	Lower Upper
91	100
92	52.4 26.3 78.9
134	26.1 12.9 38.7

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 20.000 ug/l

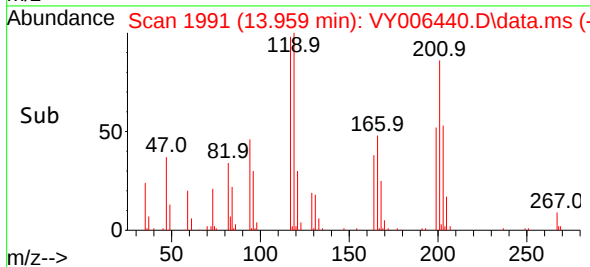
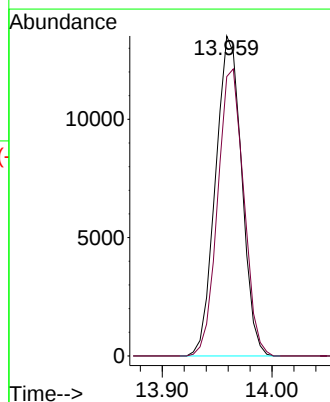
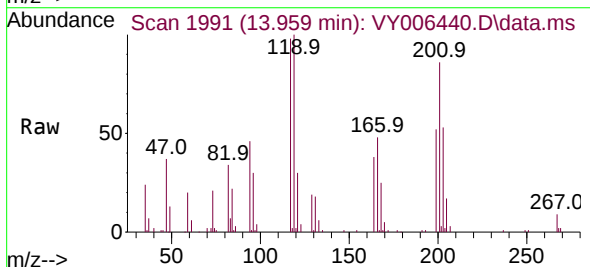
RT: 13.959 min Scan# 1991

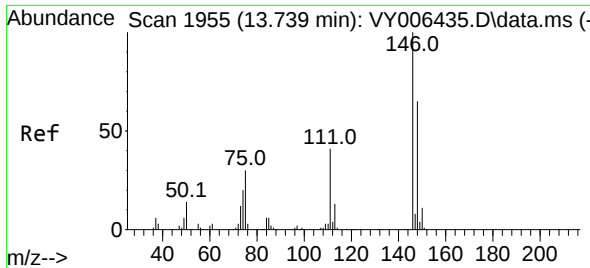
Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Tgt Ion:117	Resp: 22452
Ion Ratio	Lower Upper
117	100
201	89.0 43.4 130.1





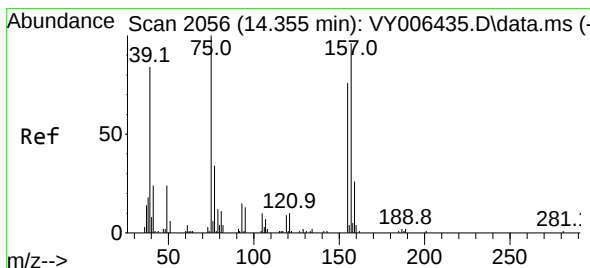
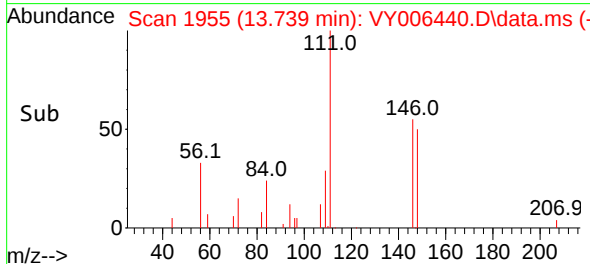
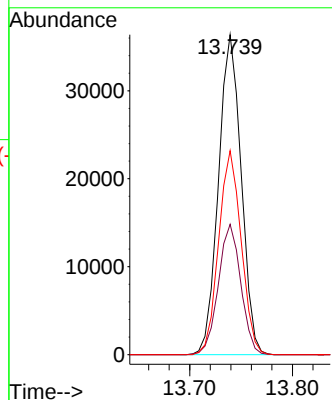
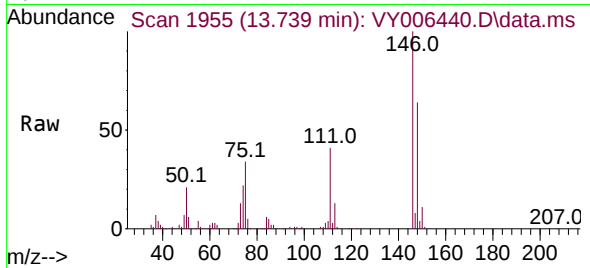
#91
1,2-Dichlorobenzene
Concen: 19.914 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tgt Ion:146 Resp: 5569
Ion Ratio Lower Upper
146 100
111 40.3 20.1 60.3
148 63.3 31.9 95.7

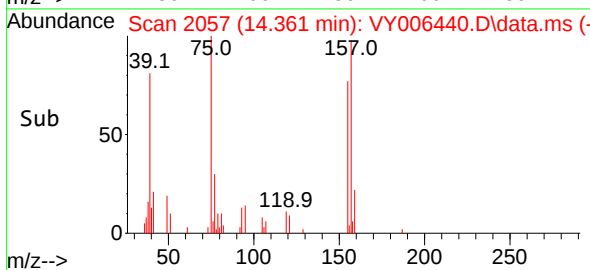
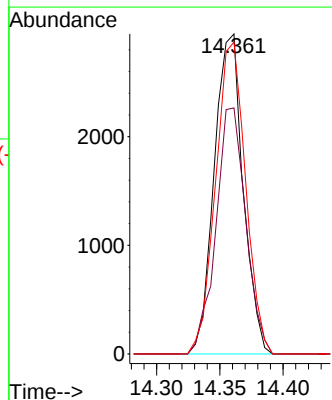
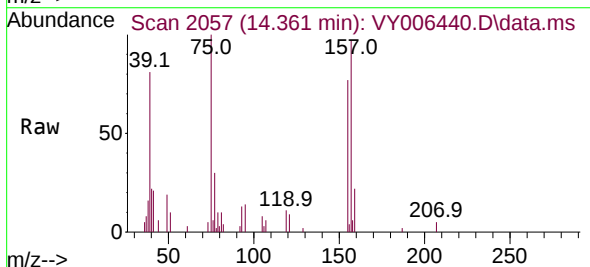
Manual Integrations
APPROVED

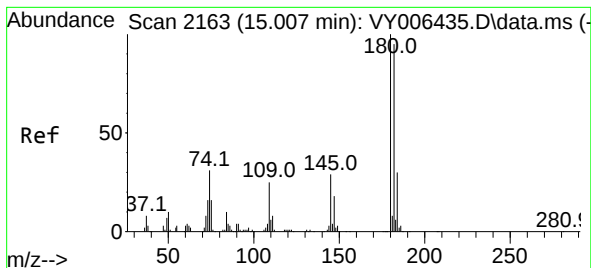
Reviewed By :Vimala Arumugam 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.866 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY006440.D
Acq: 22 Oct 2021 15:38

Tgt Ion: 75 Resp: 4676
Ion Ratio Lower Upper
75 100
155 79.2 39.0 116.9
157 100.9 49.2 147.6





#93

1,2,4-Trichlorobenzene

Concen: 20.365 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

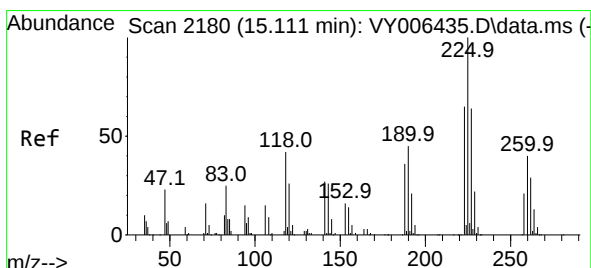
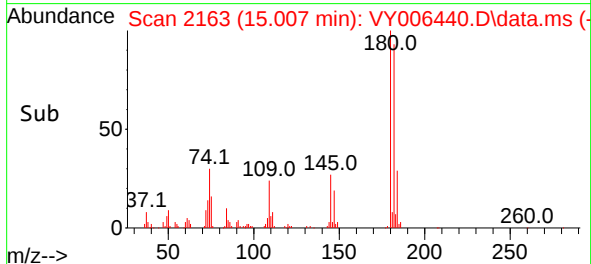
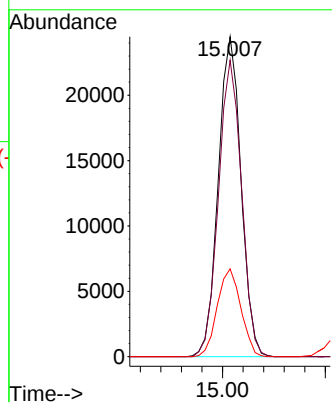
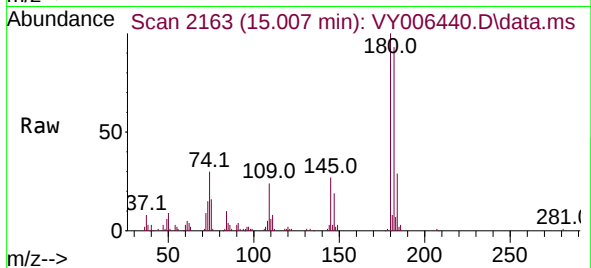
VY1022SBS01

Tgt Ion:180	Resp:	3760
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.1 141.4
145	28.4	14.5 43.6

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 20.464 ug/l

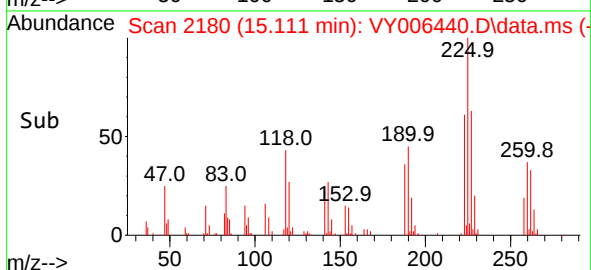
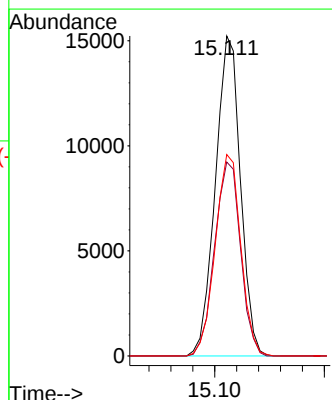
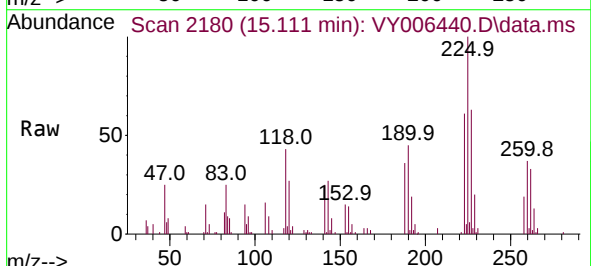
RT: 15.111 min Scan# 2180

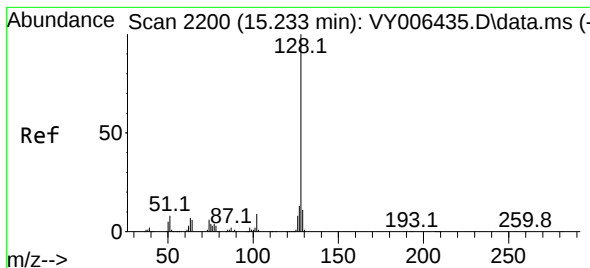
Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Tgt Ion:225	Resp:	24216
Ion Ratio	Lower	Upper
225	100	
223	62.6	31.6 94.7
227	64.2	31.9 95.9





#95

Naphthalene

Concen: 19.300 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Instrument :

MSVOA_Y

ClientSampleId :

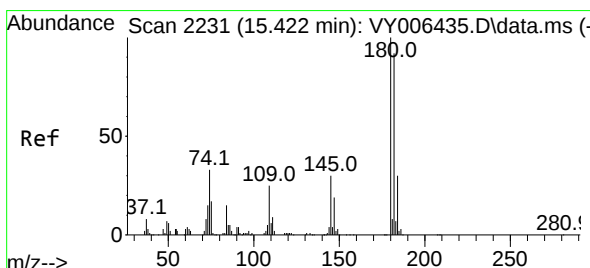
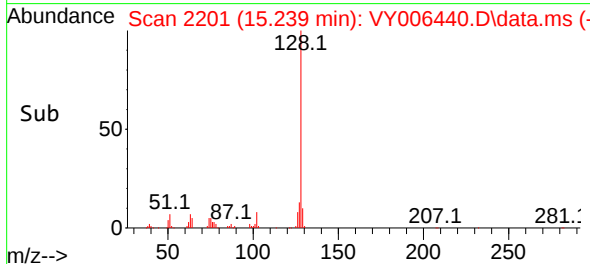
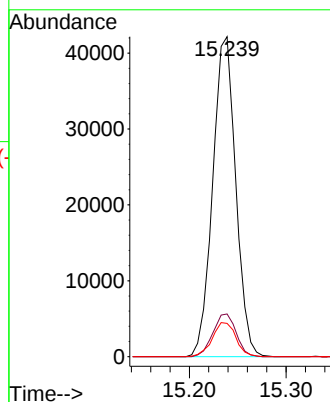
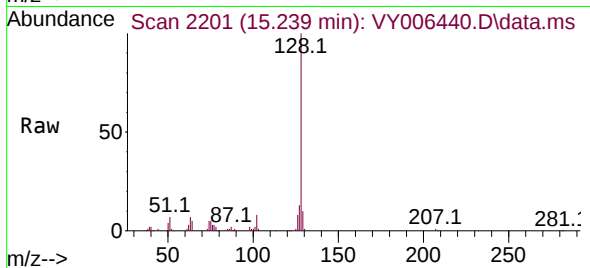
VY1022SBS01

Tgt Ion:	128	Resp:	6975
Ion Ratio	Lower	Upper	
128	100		
127	13.5	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: 19.861 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY006440.D

Acq: 22 Oct 2021 15:38

Tgt Ion:	180	Resp:	32113
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.8	143.4
145	30.7	15.3	45.8

