

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011212.D
 Acq On : 01 Nov 2022 10:26
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022

Quant Time: Nov 01 11:01:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	236729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	382865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	355405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	178097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50571	23.191	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	46.380%#		
35) Dibromofluoromethane	7.710	113	50612	22.531	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	45.060%#		
50) Toluene-d8	10.179	98	199286	24.929	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	49.860%		
62) 4-Bromofluorobenzene	12.477	95	67070	21.962	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	43.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	51184	32.596	ug/l	99
3) Chloromethane	2.113	50	56490	25.076	ug/l	96
4) Vinyl Chloride	2.247	62	61789	24.199	ug/l	97
5) Bromomethane	2.631	94	39609	22.428	ug/l	99
6) Chloroethane	2.784	64	39334	23.052	ug/l	97
7) Trichlorofluoromethane	3.119	101	89479	23.942	ug/l	92
8) Diethyl Ether	3.527	74	30669	21.990	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	53064	22.636	ug/l	93
10) Methyl Iodide	4.088	142	67729	23.611	ug/l	91
11) Tert butyl alcohol	4.942	59	39485	152.372	ug/l	96
12) 1,1-Dichloroethene	3.863	96	51479	22.924	ug/l	82
13) Acrolein	3.723	56	18584	52.864	ug/l	98
14) Allyl chloride	4.472	41	77441	21.746	ug/l #	85
15) Acrylonitrile	5.155	53	77313	106.349	ug/l	96
16) Acetone	3.936	43	65813	103.929	ug/l #	86
17) Carbon Disulfide	4.186	76	171603	26.066	ug/l	100
18) Methyl Acetate	4.466	43	41792	21.875	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	133631	21.298	ug/l	97
20) Methylene Chloride	4.704	84	72062	22.658	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	59312	23.395	ug/l	90
22) Diisopropyl ether	6.112	45	166712	21.858	ug/l #	92
23) Vinyl Acetate	6.051	43	487431	106.874	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	103270	22.426	ug/l	98
25) 2-Butanone	6.978	43	99293	103.394	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	90612	22.159	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	64937	22.225	ug/l	90
28) Bromochloromethane	7.326	49	37999	25.168	ug/l	89
29) Tetrahydrofuran	7.338	42	61402	103.923	ug/l #	85
30) Chloroform	7.502	83	103659	22.331	ug/l	100
31) Cyclohexane	7.783	56	91046	21.819	ug/l	86
32) 1,1,1-Trichloroethane	7.697	97	90626	22.211	ug/l	96
36) 1,1-Dichloropropene	7.911	75	82037	23.017	ug/l	99
37) Ethyl Acetate	7.070	43	42164	21.368	ug/l #	93
38) Carbon Tetrachloride	7.899	117	83225	22.621	ug/l	99
39) Methylcyclohexane	9.179	83	98520	23.079	ug/l	91
40) Benzene	8.155	78	238441	22.801	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	23284m	21.774	ug/l	
42) 1,2-Dichloroethane	8.234	62	63975	22.078	ug/l	91
43) Isopropyl Acetate	8.271	43	73444	20.832	ug/l #	88
44) Trichloroethene	8.935	130	63500	22.407	ug/l	98
45) 1,2-Dichloropropane	9.209	63	58985	22.231	ug/l	95
46) Dibromomethane	9.301	93	33013	22.308	ug/l	94
47) Bromodichloromethane	9.490	83	79168	22.199	ug/l	99
48) Methyl methacrylate	9.289	41	33876	21.470	ug/l #	77
49) 1,4-Dioxane	9.295	88	8619	405.357	ug/l #	90
51) 4-Methyl-2-Pentanone	10.063	43	202863	103.175	ug/l	88
52) Toluene	10.240	92	147496	22.703	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	81633	22.034	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	93523	22.059	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	47402	22.203	ug/l	98
56) Ethyl methacrylate	10.508	69	60671	21.397	ug/l #	75
57) 1,3-Dichloropropane	10.788	76	80799	22.012	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	146275	114.150	ug/l	96
59) 2-Hexanone	10.831	43	140084	103.719	ug/l	85
60) Dibromochloromethane	10.977	129	55663	21.926	ug/l	100
61) 1,2-Dibromoethane	11.087	107	44737	21.882	ug/l	99
64) Tetrachloroethene	10.715	164	59871	21.640	ug/l	94
65) Chlorobenzene	11.514	112	157725	21.616	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	56734	21.007	ug/l	97
67) Ethyl Benzene	11.587	91	276664	21.432	ug/l	100
68) m/p-Xylenes	11.697	106	218640	44.030	ug/l	95
69) o-Xylene	12.026	106	101070	21.435	ug/l	94
70) Styrene	12.044	104	173105	21.666	ug/l	96
71) Bromoform	12.203	173	34916	20.948	ug/l #	98
73) Isopropylbenzene	12.325	105	264576	20.448	ug/l	100
74) N-amyl acetate	12.142	43	64126	19.533	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	54656	20.127	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	46171m	22.835	ug/l	
77) Bromobenzene	12.605	156	62115	20.537	ug/l	99
78) n-propylbenzene	12.666	91	328502	20.867	ug/l	100
79) 2-Chlorotoluene	12.751	91	187062	21.099	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	227166	21.042	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	19530	20.774	ug/l #	84
82) 4-Chlorotoluene	12.849	91	193259	20.936	ug/l	99
83) tert-Butylbenzene	13.075	119	193728	20.751	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	227063	21.329	ug/l	98
85) sec-Butylbenzene	13.251	105	291982	20.814	ug/l	100
86) p-Isopropyltoluene	13.367	119	241690	20.768	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	125282	20.755	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	125916	20.980	ug/l	98
89) n-Butylbenzene	13.690	91	224485	20.642	ug/l	100
90) Hexachloroethane	13.959	117	47529	20.694	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	111632	20.671	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8619	19.197	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	64371	19.944	ug/l	99
94) Hexachlorobutadiene	15.105	225	38841	20.444	ug/l	100
95) Naphthalene	15.233	128	123958	18.858	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	55455	19.694	ug/l	99

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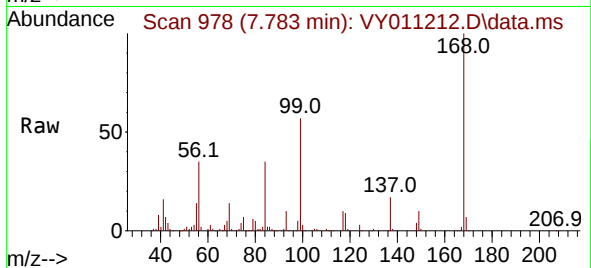
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011212.D
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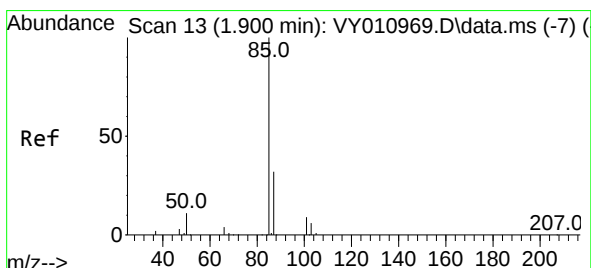
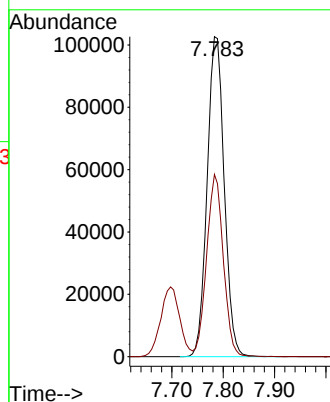
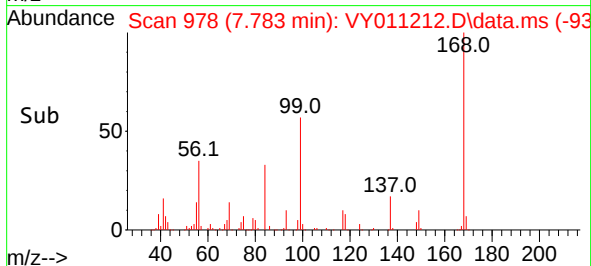
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 236729
Ion Ratio Lower Upper
168 100
99 56.9 46.9 70.3

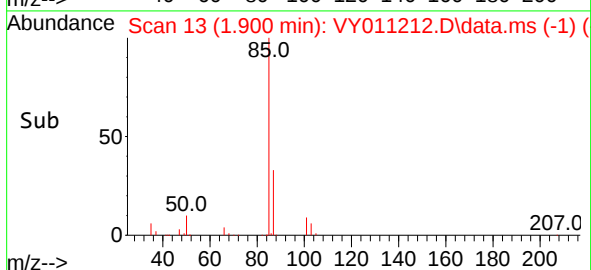
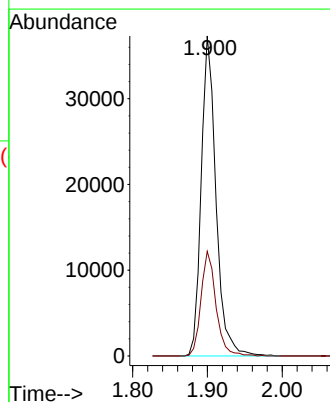
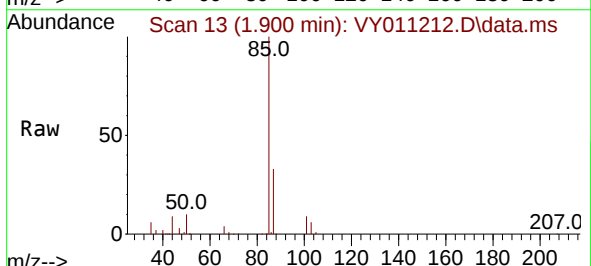
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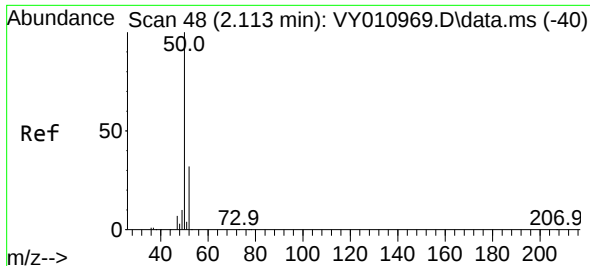
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#2
Dichlorodifluoromethane
Concen: 32.596 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

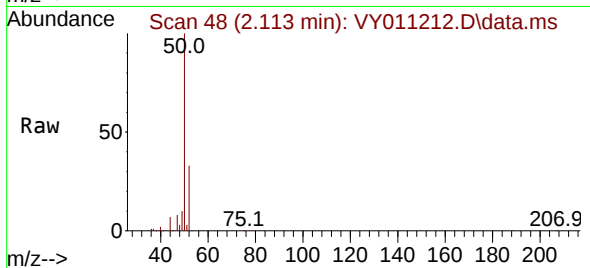
Tgt Ion: 85 Resp: 51184
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2





#3
Chloromethane
Concen: 25.076 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

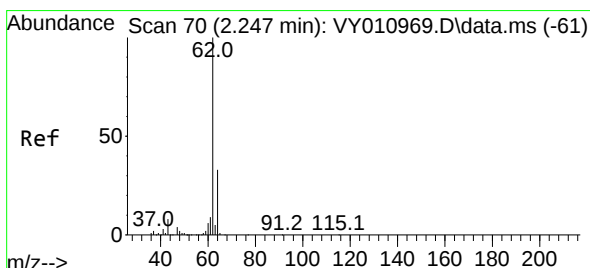
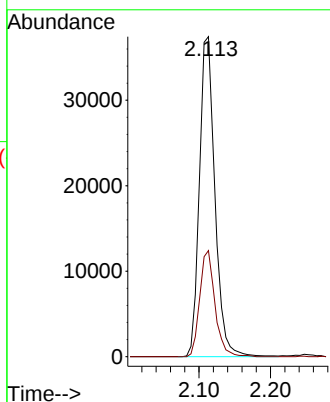
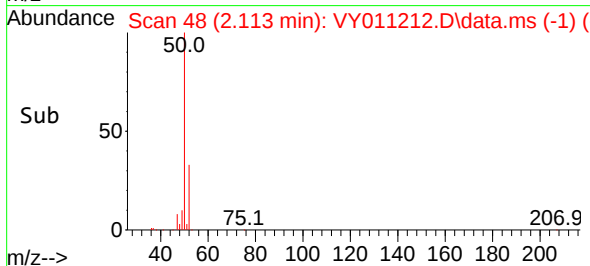
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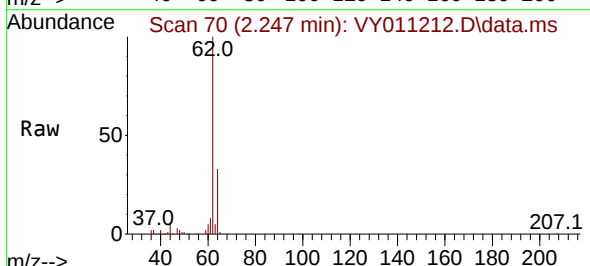
Tgt Ion: 50 Resp: 56490
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0

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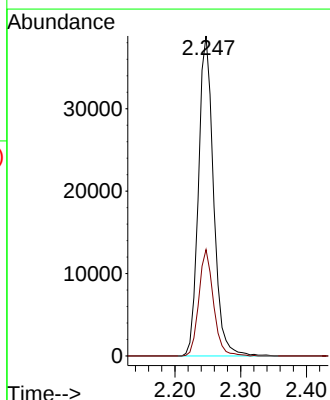
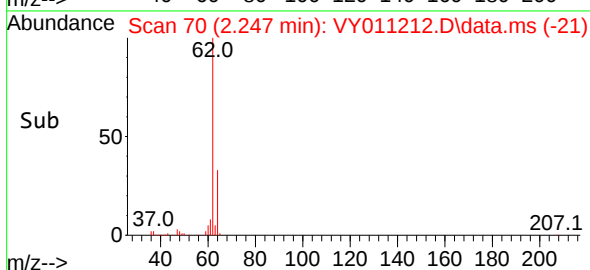
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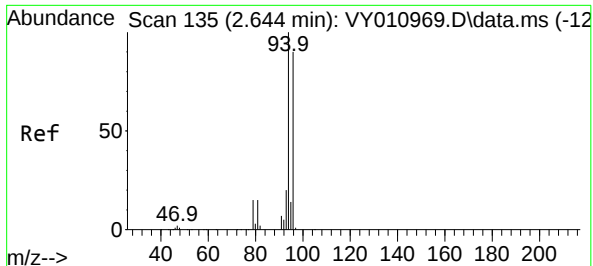


#4
Vinyl Chloride
Concen: 24.199 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26



Tgt Ion: 62 Resp: 61789
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.6





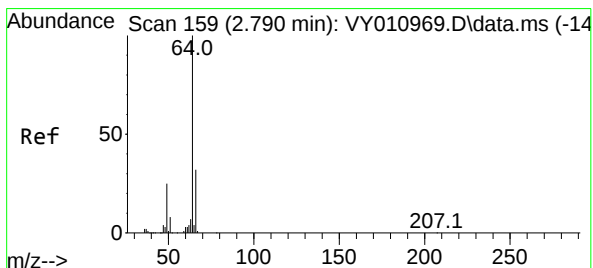
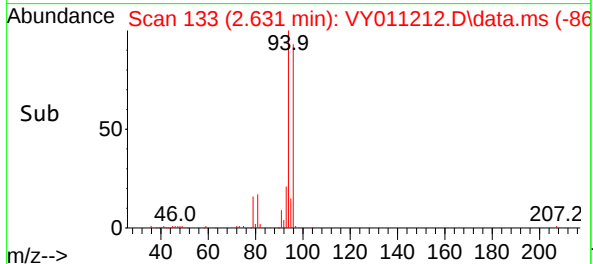
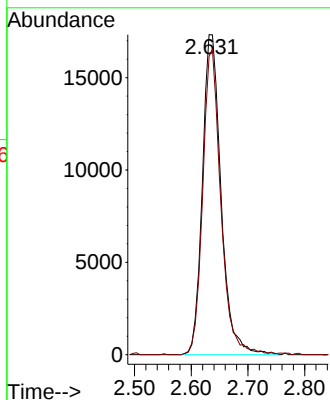
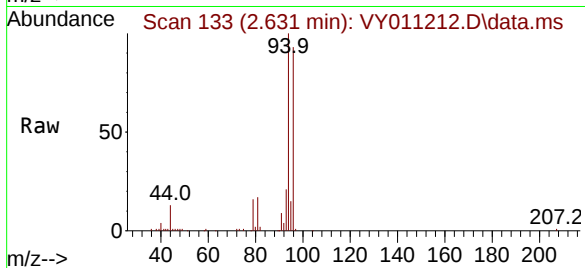
#5
Bromomethane
Concen: 22.428 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY011212.D
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Instrument :
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ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 39609
Ion Ratio Lower Upper
94 100
96 93.2 73.5 110.3

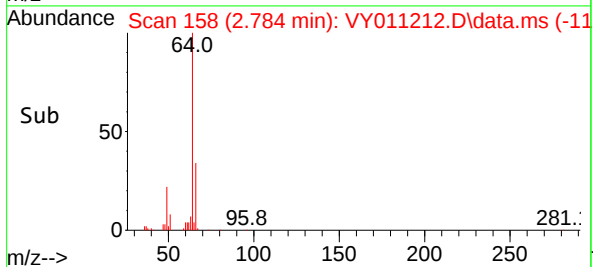
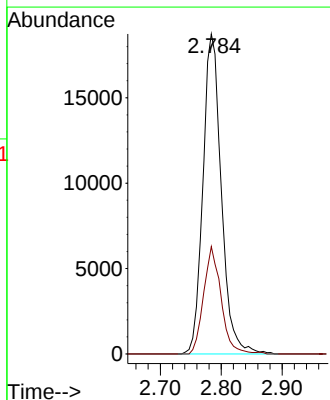
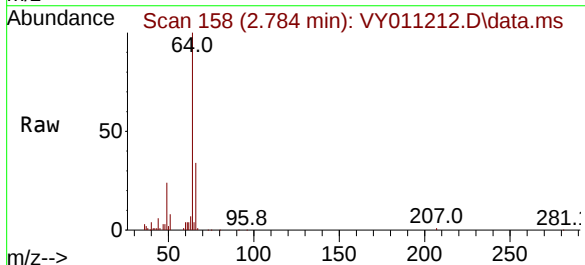
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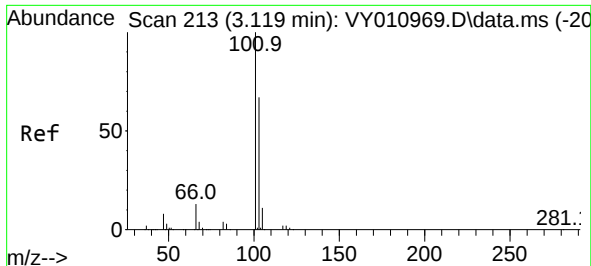
Reviewed By :Krupa Patel 11/02/2022
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#6
Chloroethane
Concen: 23.052 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY011212.D
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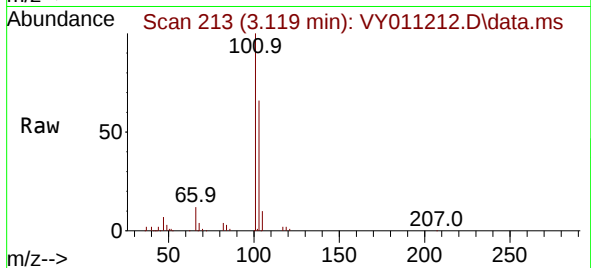
Tgt Ion: 64 Resp: 39334
Ion Ratio Lower Upper
64 100
66 33.6 25.4 38.0





#7
Trichlorofluoromethane
Concen: 23.942 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
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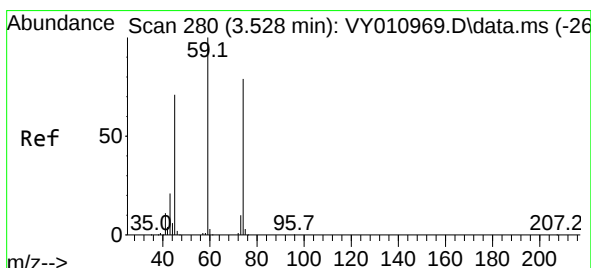
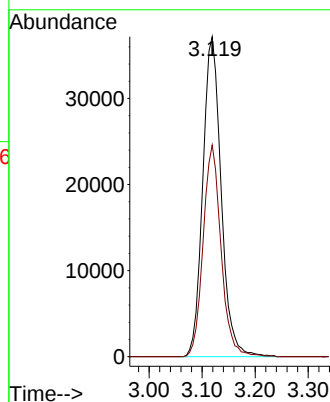
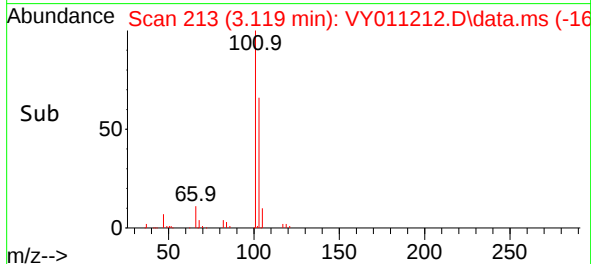
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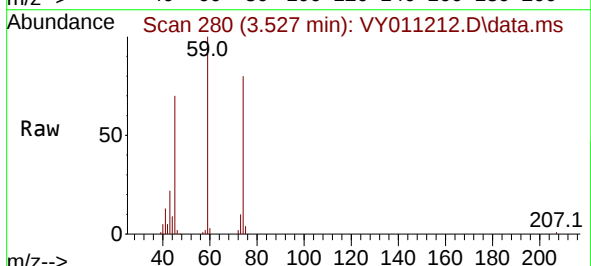
Tgt Ion:101 Resp: 89479
Ion Ratio Lower Upper
101 100
103 66.2 48.0 72.0

Manual Integrations
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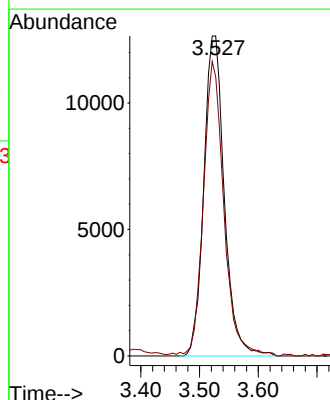
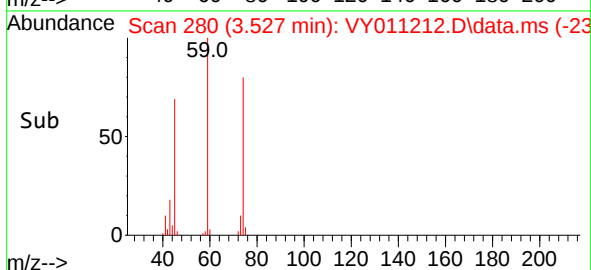
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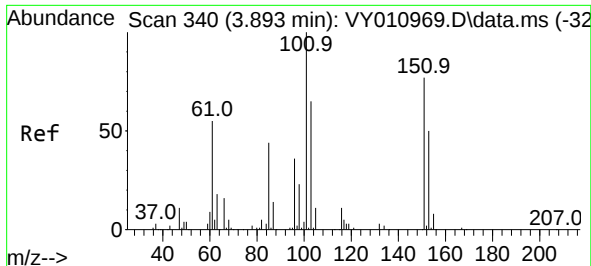


#8
Diethyl Ether
Concen: 21.990 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
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Tgt Ion: 74 Resp: 30669
Ion Ratio Lower Upper
74 100
45 92.0 55.1 165.5





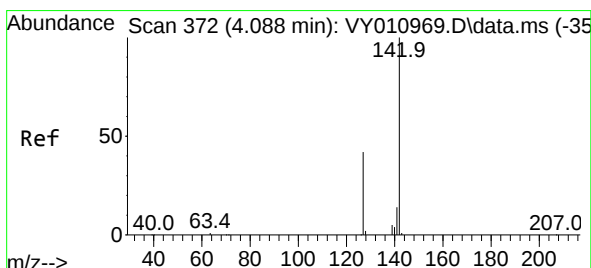
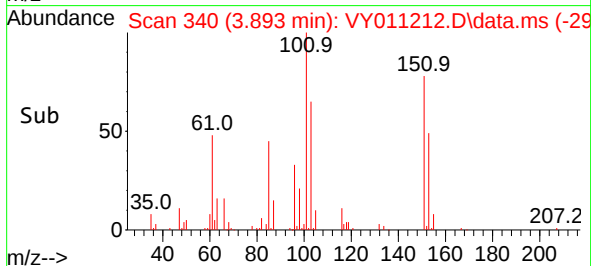
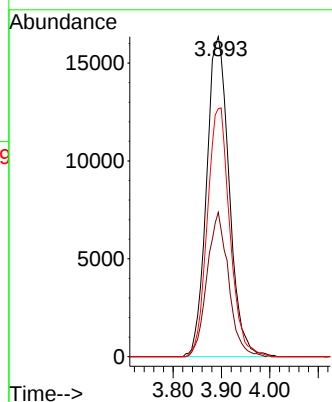
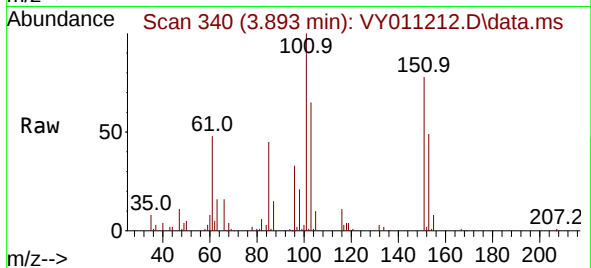
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1,1,2-Trichlorotrifluoroethane
Concen: 22.636 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY011212.D
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MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 53064
Ion Ratio Lower Upper
101 100
85 43.0 40.6 60.8
151 77.4 64.9 97.3

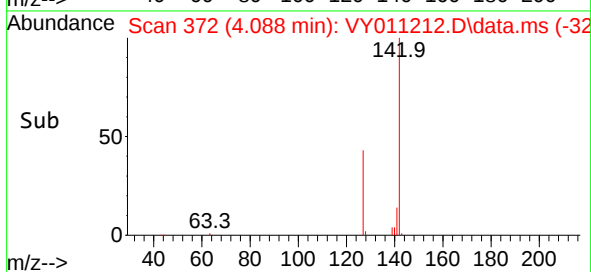
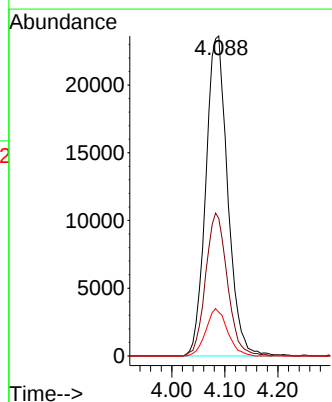
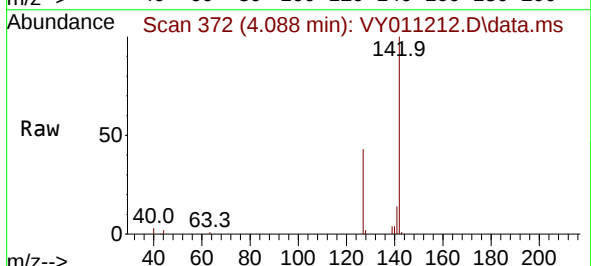
Manual Integrations
APPROVED

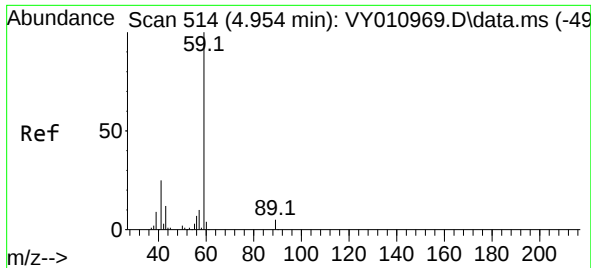
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#10
Methyl Iodide
Concen: 23.611 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion:142 Resp: 67729
Ion Ratio Lower Upper
142 100
127 44.4 41.5 62.3
141 14.6 11.9 17.9





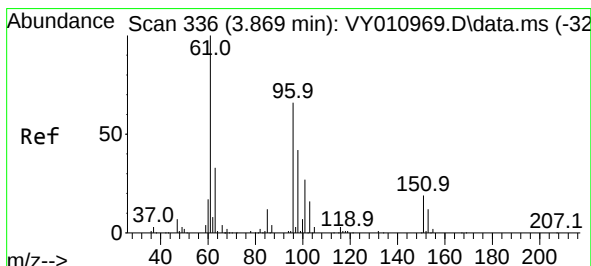
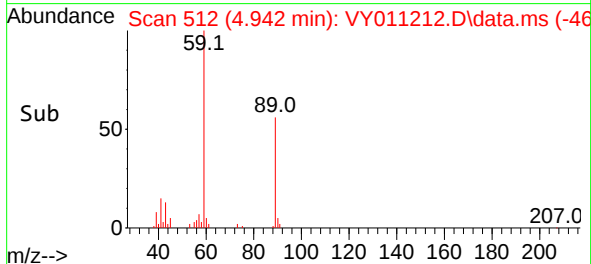
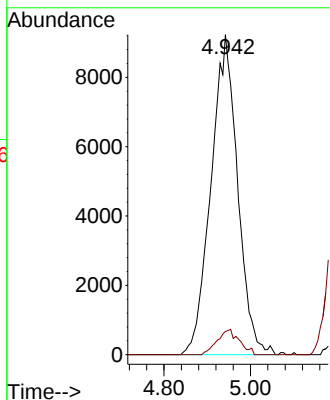
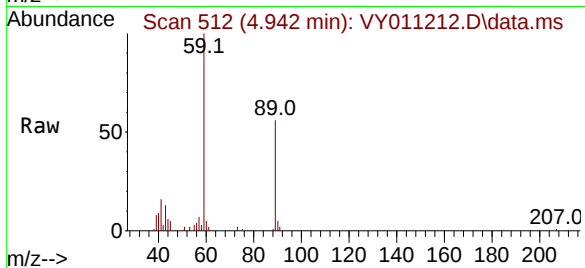
#11
Tert butyl alcohol
Concen: 152.372 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 3948
Ion Ratio Lower Upper
59 100
57 6.5 6.4 9.6

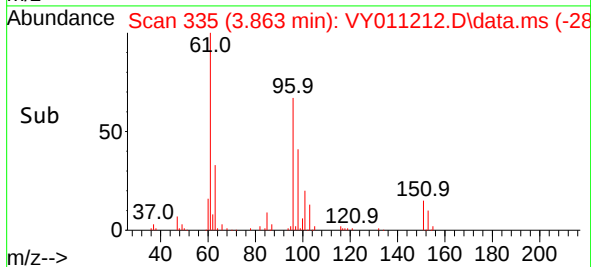
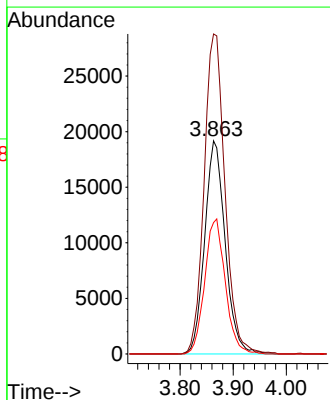
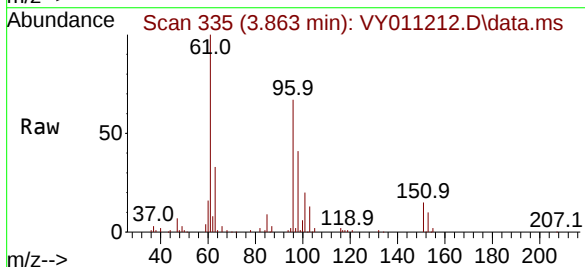
Manual Integrations
APPROVED

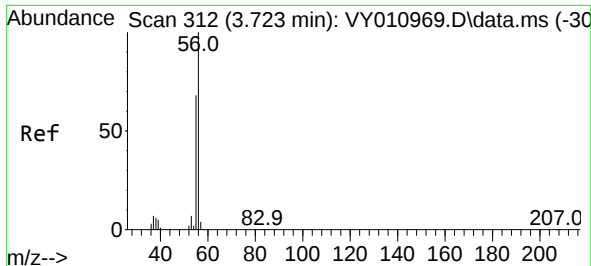
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#12
1,1-Dichloroethene
Concen: 22.924 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion: 96 Resp: 51479
Ion Ratio Lower Upper
96 100
61 150.1 145.8 218.6
98 61.6 52.5 78.7





#13

Acrolein

Concen: 52.864 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 18584

Ion Ratio Lower Upper

56 100

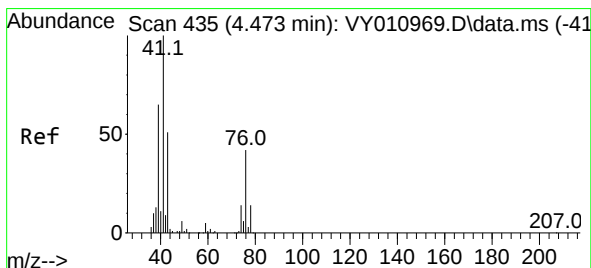
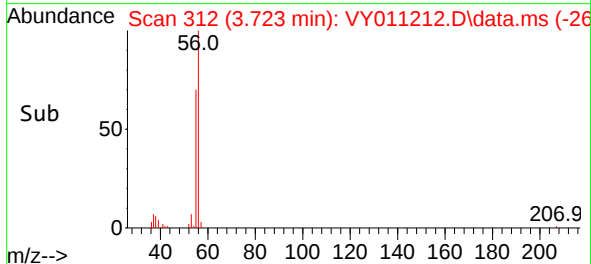
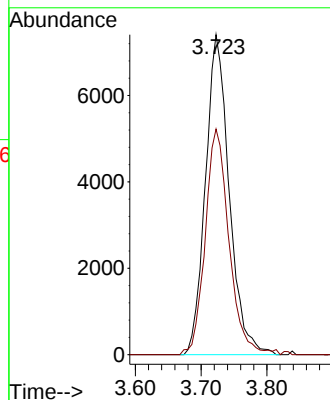
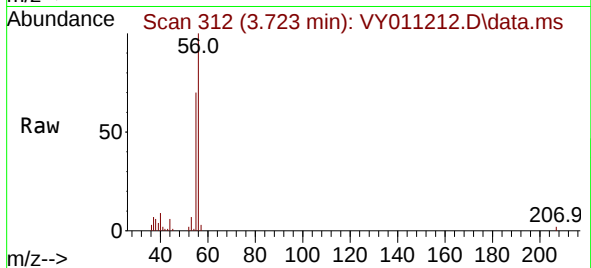
55 70.7 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#14

Allyl chloride

Concen: 21.746 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.001 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

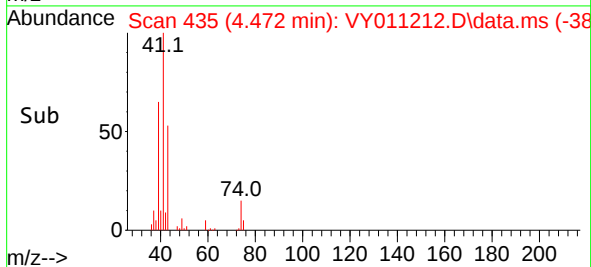
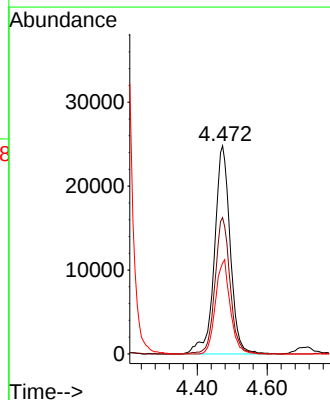
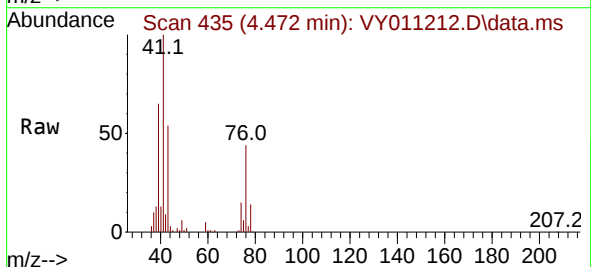
Tgt Ion: 41 Resp: 77441

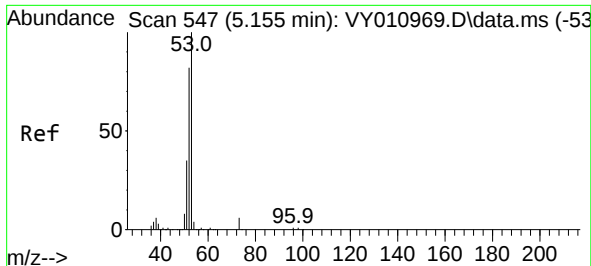
Ion Ratio Lower Upper

41 100

39 62.8 58.8 88.2

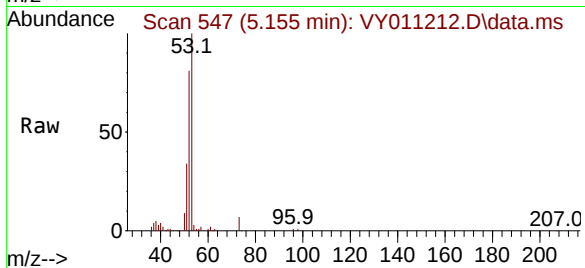
76 42.1 25.1 37.7#





#15
Acrylonitrile
Concen: 106.349 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

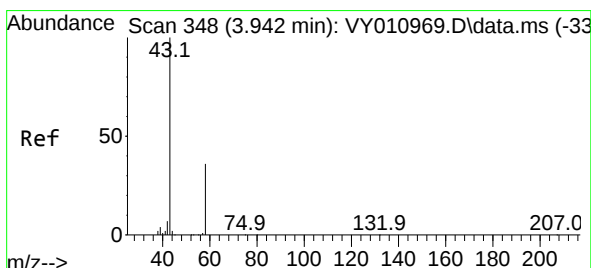
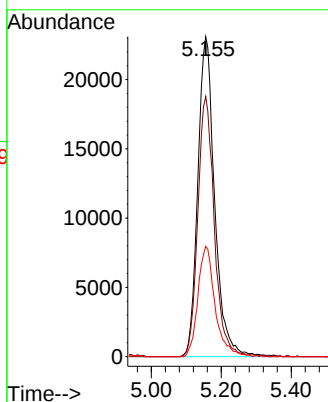
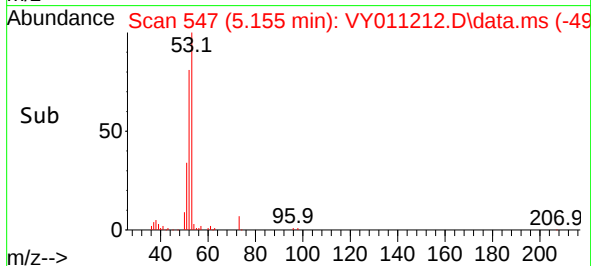
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



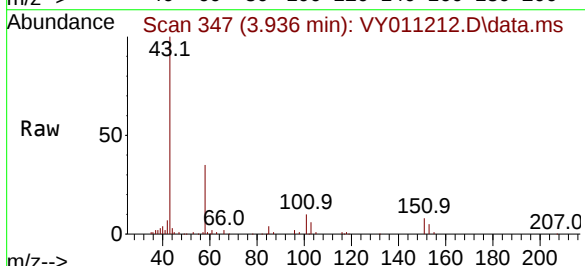
Tgt Ion: 53 Resp: 7731
Ion Ratio Lower Upper
53 100
52 79.9 67.0 100.4
51 35.0 29.8 44.6

Manual Integrations
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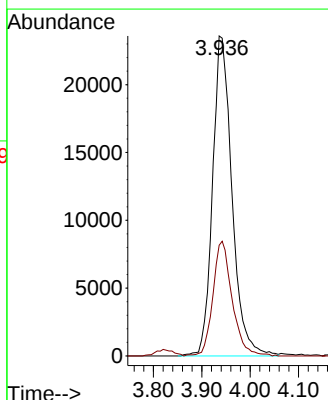
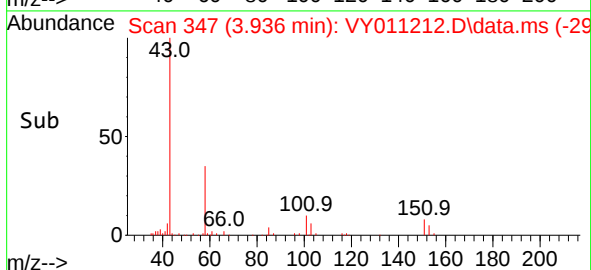
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

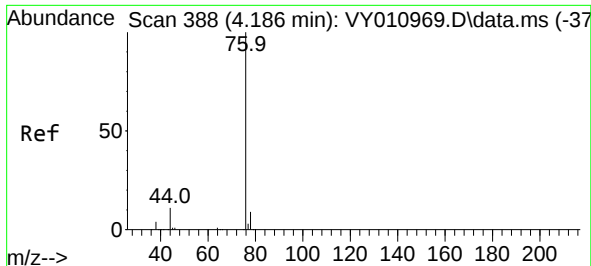


#16
Acetone
Concen: 103.929 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26



Tgt Ion: 43 Resp: 65813
Ion Ratio Lower Upper
43 100
58 34.6 22.0 33.0#





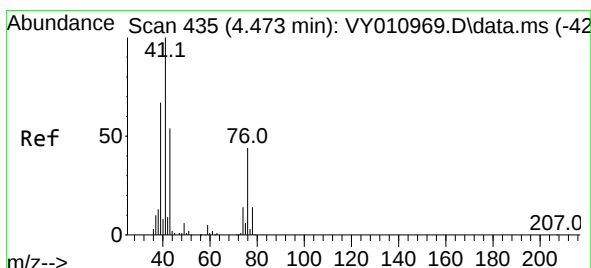
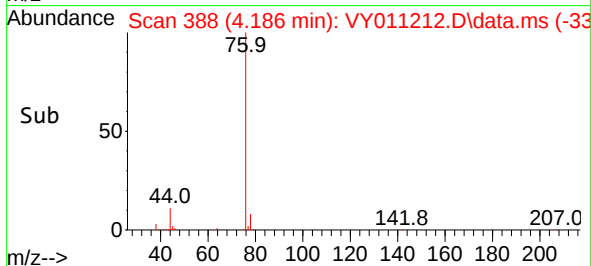
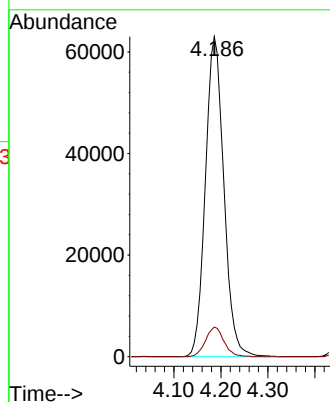
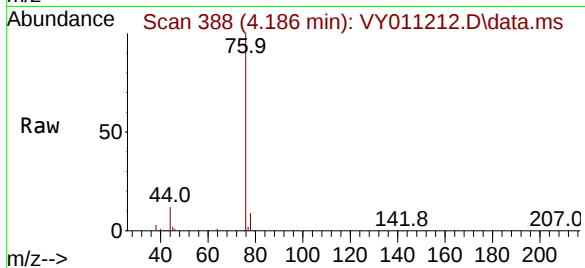
#17
Carbon Disulfide
Concen: 26.066 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 17160
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

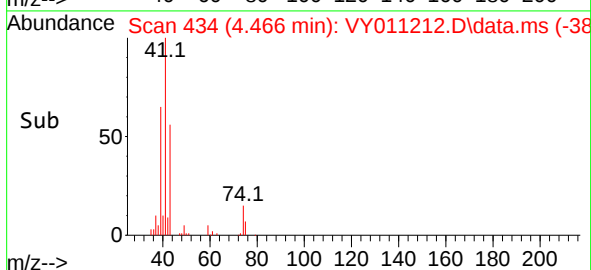
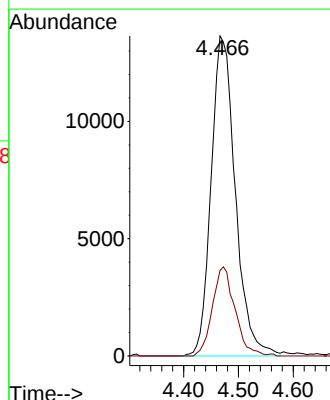
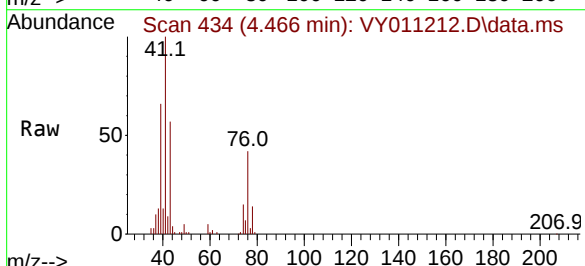
Manual Integrations
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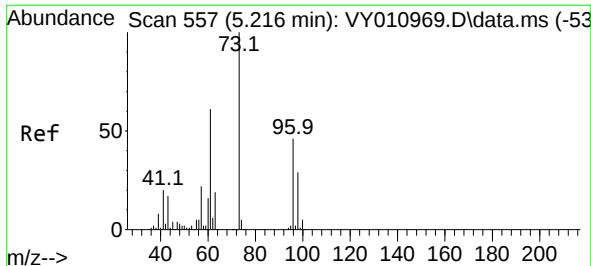
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#18
Methyl Acetate
Concen: 21.875 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion: 43 Resp: 41792
Ion Ratio Lower Upper
43 100
74 26.1 16.6 24.8





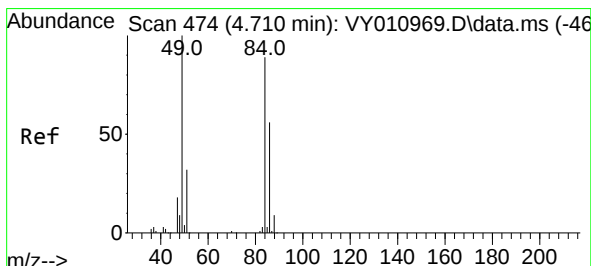
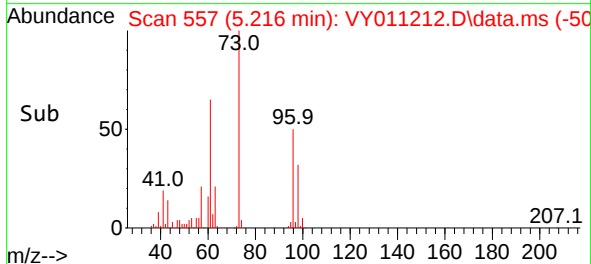
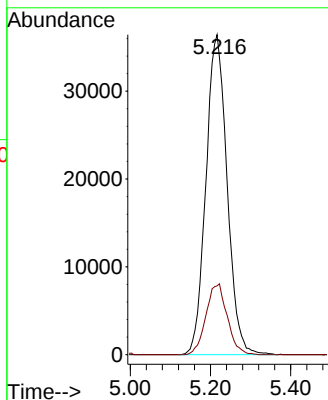
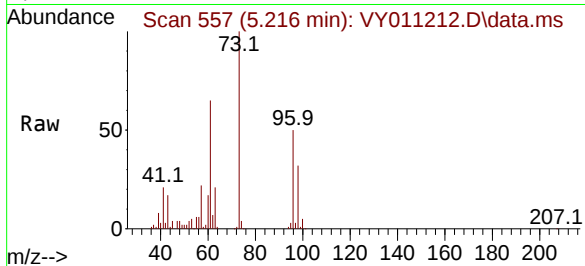
#19
Methyl tert-butyl Ether
Concen: 21.298 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 13363
Ion Ratio Lower Upper
73 100
57 21.5 18.6 27.8

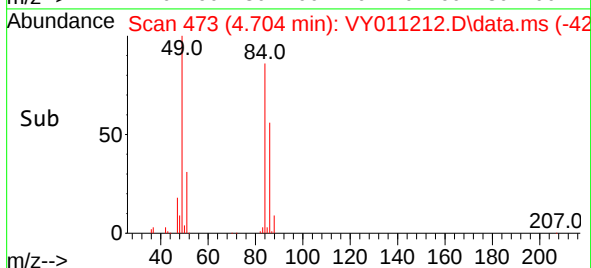
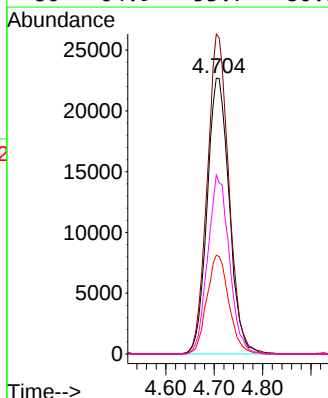
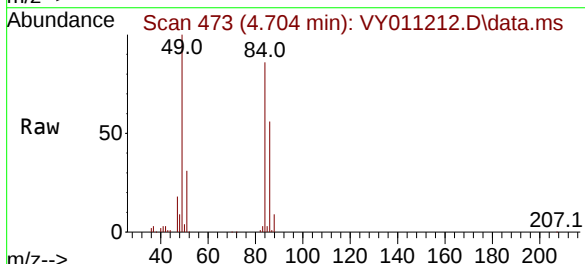
Manual Integrations
APPROVED

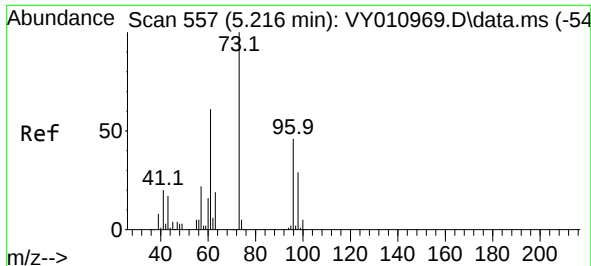
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#20
Methylene Chloride
Concen: 22.658 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

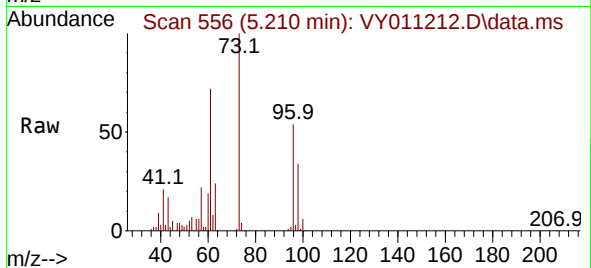
Tgt Ion: 84 Resp: 72062
Ion Ratio Lower Upper
84 100
49 116.0 114.4 171.6
51 35.8 35.3 52.9
86 64.9 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 23.395 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

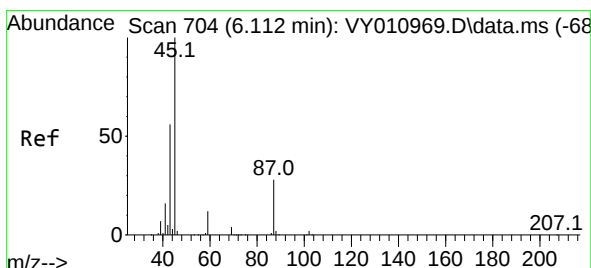
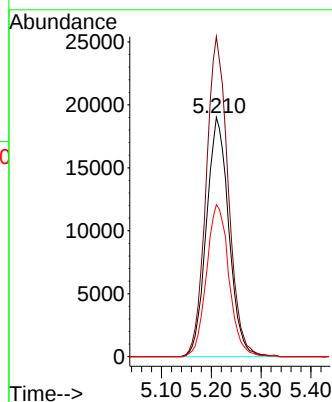
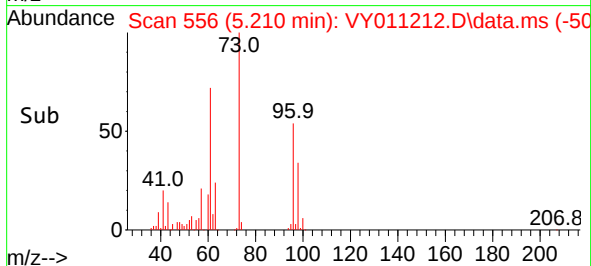
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



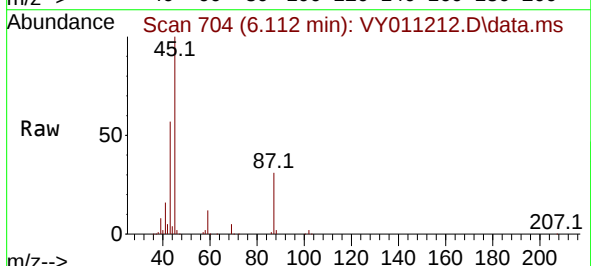
Tgt Ion: 96 Resp: 59312
Ion Ratio Lower Upper
96 100
61 133.7 120.5 180.7
98 63.5 49.8 74.8

Manual Integrations
APPROVED

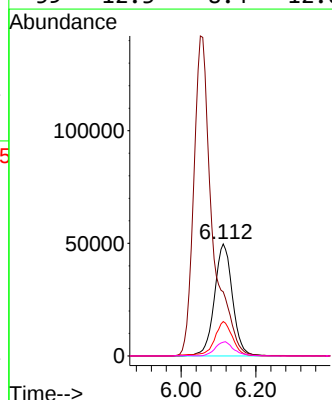
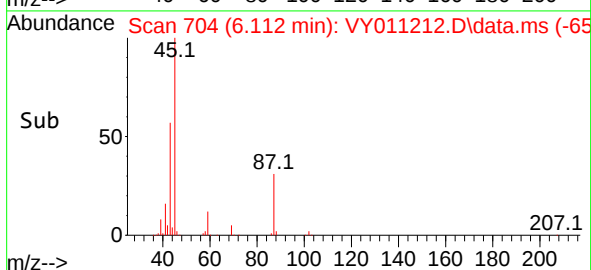
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

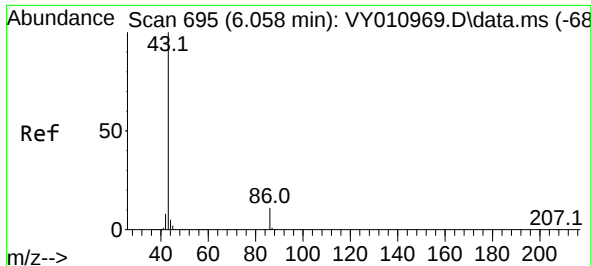


#22
Diisopropyl ether
Concen: 21.858 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26



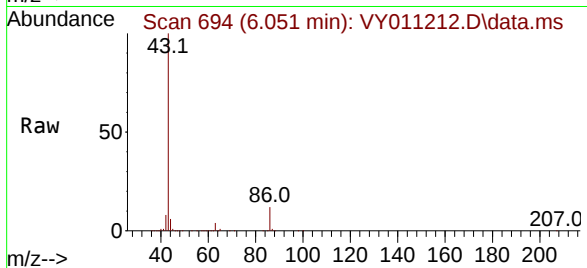
Tgt Ion: 45 Resp: 166712
Ion Ratio Lower Upper
45 100
43 56.9 49.3 73.9
87 30.7 19.2 28.8#
59 12.3 8.4 12.6





#23
 Vinyl Acetate
 Concen: 106.874 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.007 min
 Lab File: VY011212.D
 Acq: 01 Nov 2022 10:26

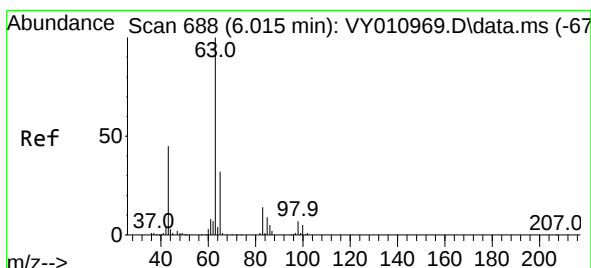
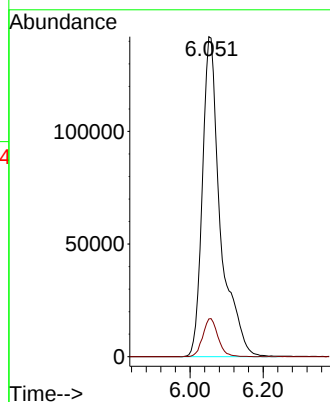
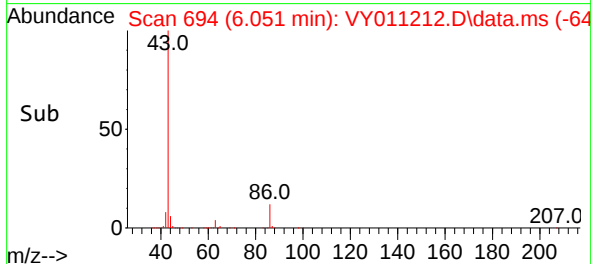
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



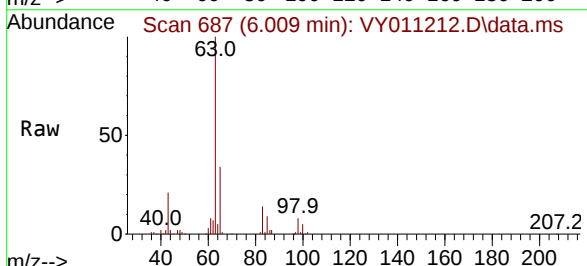
Tgt Ion: 43 Resp: 48743
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.1 10.7

Manual Integrations
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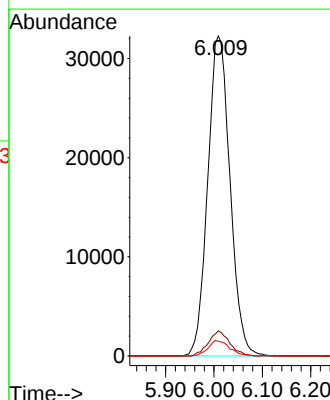
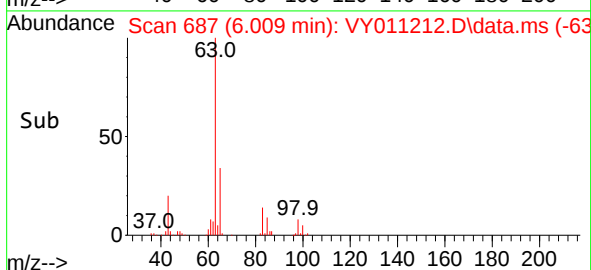
Reviewed By :Krupa Patel 11/02/2022
 Supervised By :Mahesh Dadoda 11/02/2022



#24
 1,1-Dichloroethane
 Concen: 22.426 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY011212.D
 Acq: 01 Nov 2022 10:26



Tgt Ion: 63 Resp: 103270
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 4.6 2.0 5.8





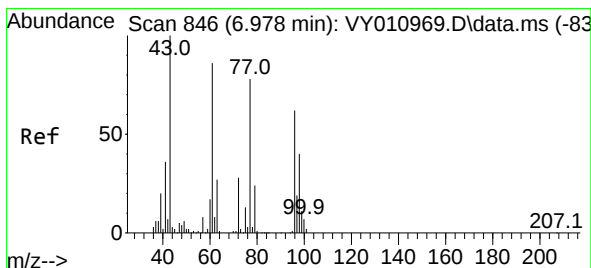
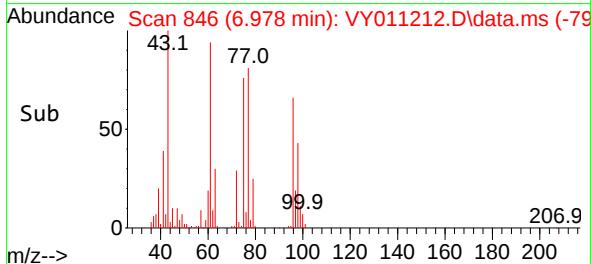
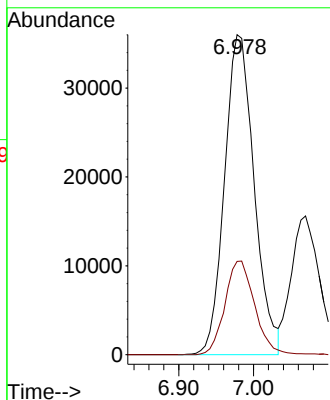
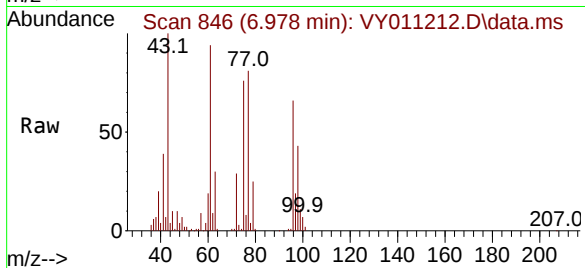
#25
2-Butanone
Concen: 103.394 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 9929
Ion Ratio Lower Upper
43 100
72 29.2 17.7 26.5

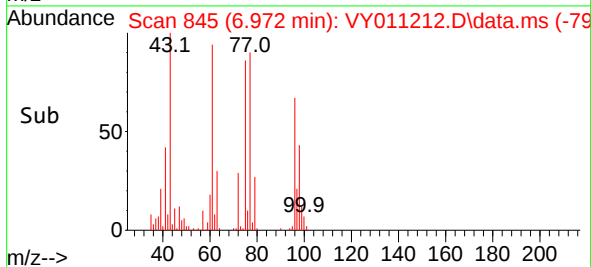
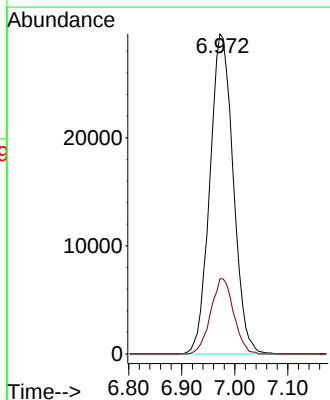
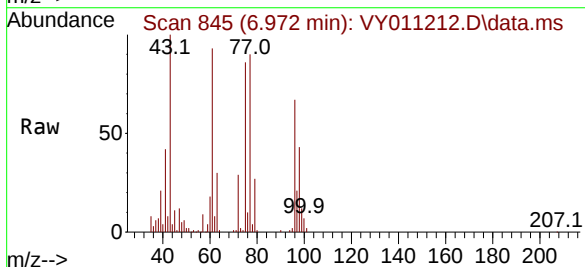
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#26
2,2-Dichloropropane
Concen: 22.159 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion: 77 Resp: 90612
Ion Ratio Lower Upper
77 100
97 23.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 22.225 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

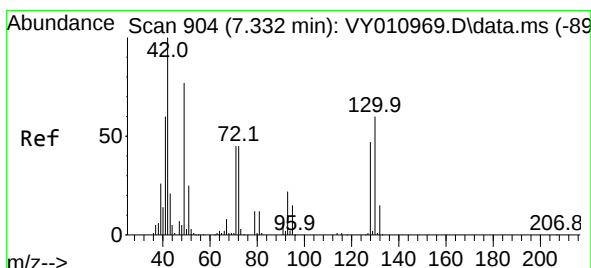
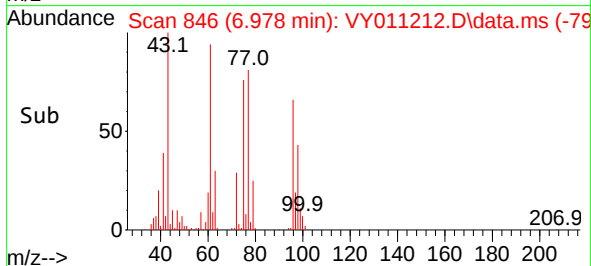
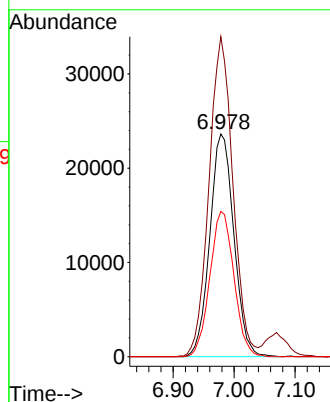
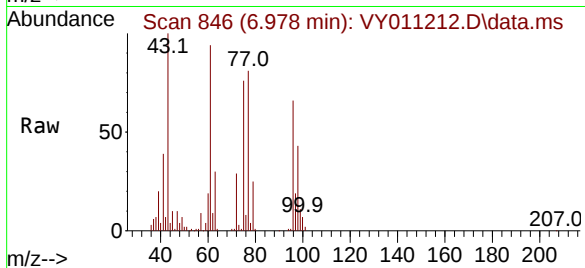
Tgt Ion:	96	Resp:	6493
Ion Ratio	Lower	Upper	
96	100		
61	142.5	0.0	319.8
98	65.1	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#28

Bromochloromethane

Concen: 25.168 ug/l

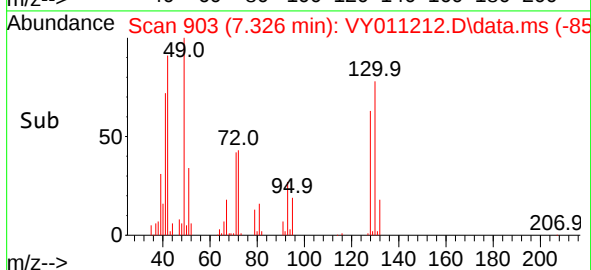
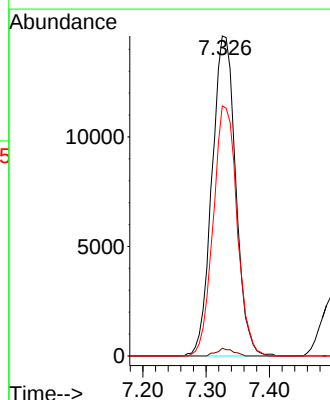
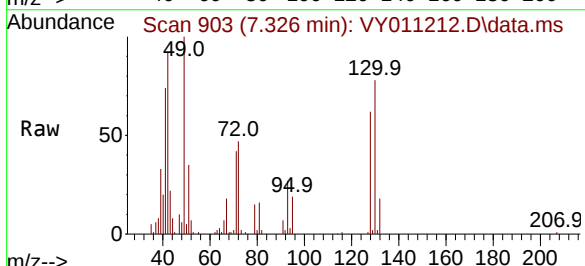
RT: 7.326 min Scan# 903

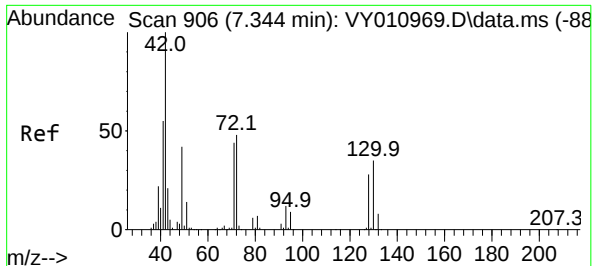
Delta R.T. -0.006 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Tgt Ion:	49	Resp:	37999
Ion Ratio	Lower	Upper	
49	100		
129	1.7	0.0	2.2
130	78.5	55.4	83.0





#29

Tetrahydrofuran

Concen: 103.923 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

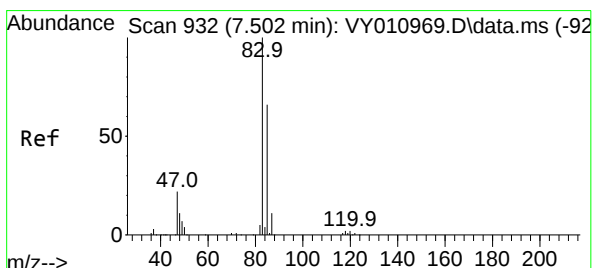
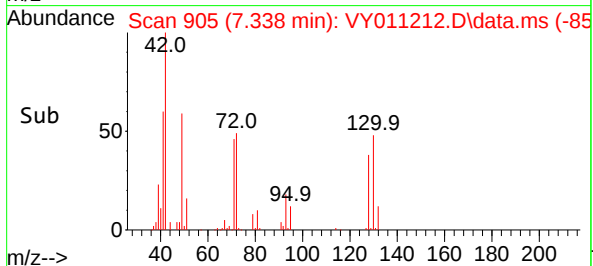
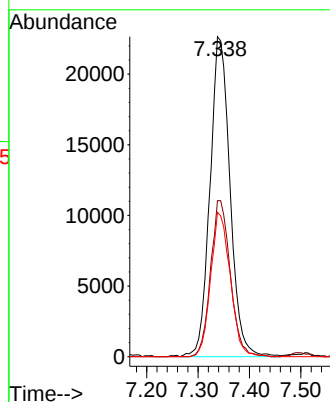
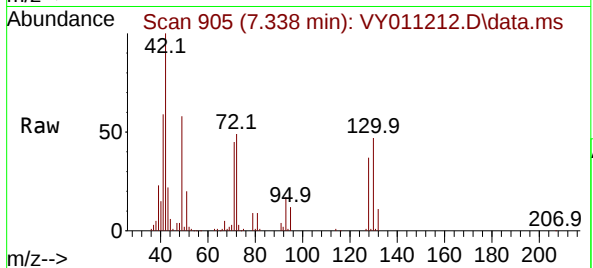
Tgt Ion:	42	Resp:	6140
Ion Ratio	Lower	Upper	
42	100		
72	47.8	30.3	45.5
71	44.0	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#30

Chloroform

Concen: 22.331 ug/l

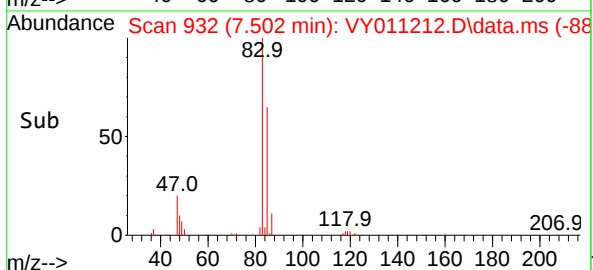
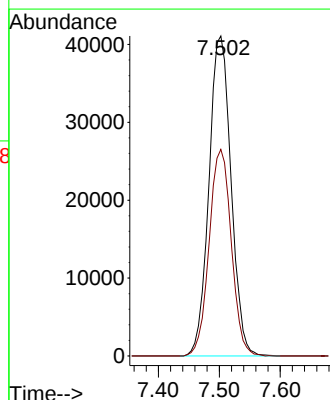
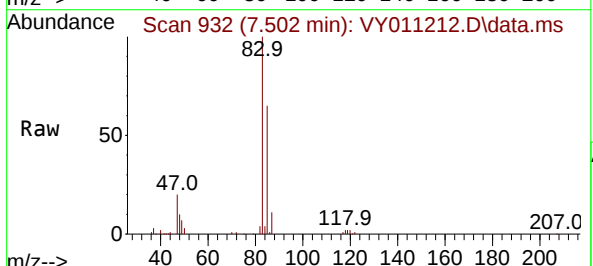
RT: 7.502 min Scan# 932

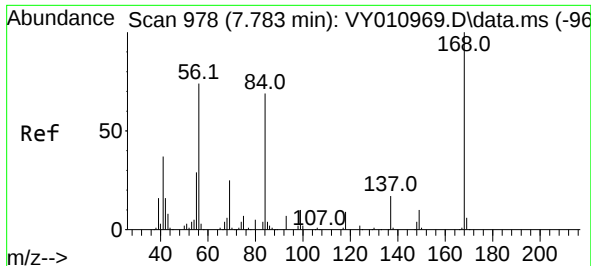
Delta R.T. 0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

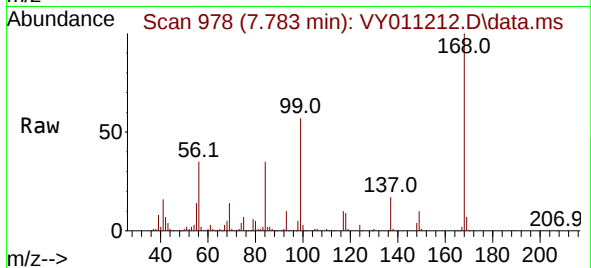
Tgt Ion:	83	Resp:	103659
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.8	77.6





#31
Cyclohexane
Concen: 21.819 ug/l
RT: 7.783 min Scan# 9104
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

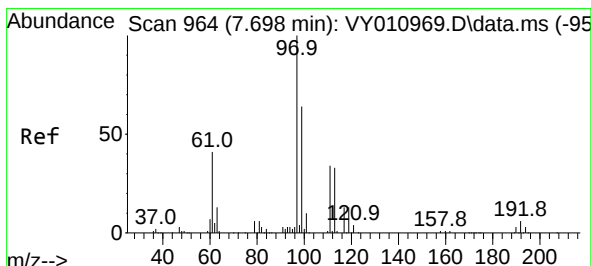
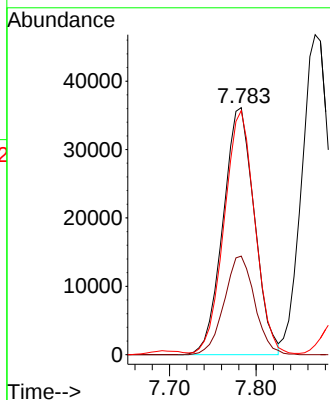
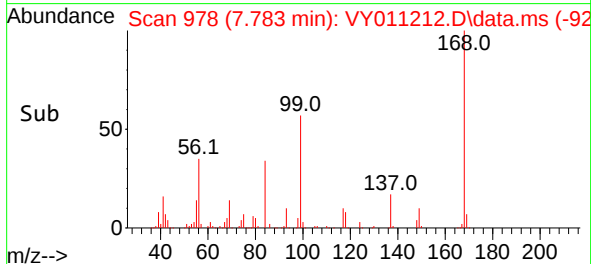
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



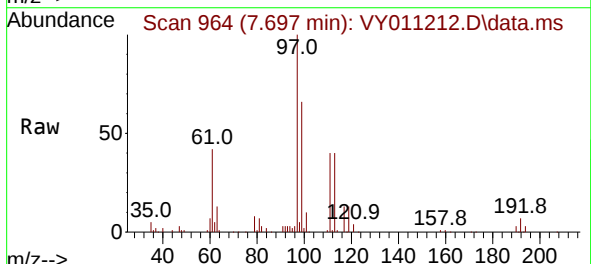
Tgt Ion: 56 Resp: 9104
Ion Ratio Lower Upper
56 100
69 39.9 26.7 40.1
84 97.4 67.2 100.8

Manual Integrations
APPROVED

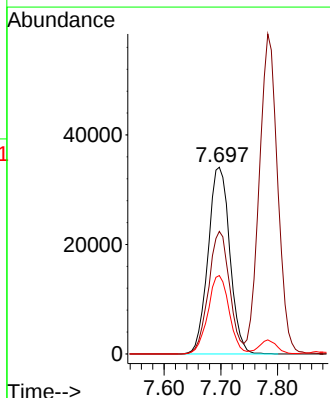
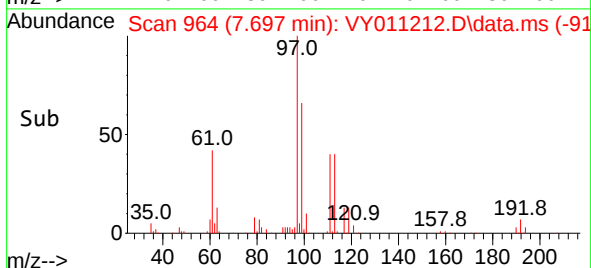
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

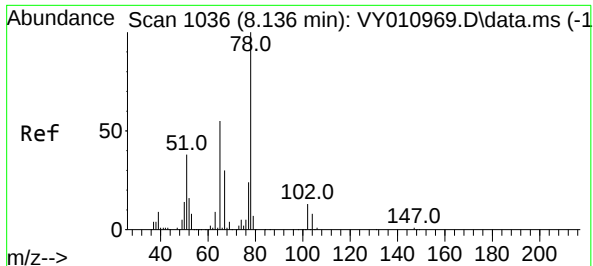


#32
1,1,1-Trichloroethane
Concen: 22.211 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26



Tgt Ion: 97 Resp: 90626
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 41.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 23.191 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 5057

Ion Ratio Lower Upper

65 100

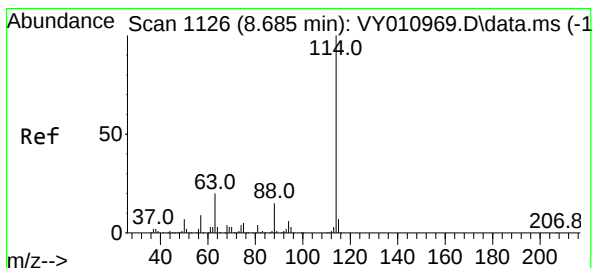
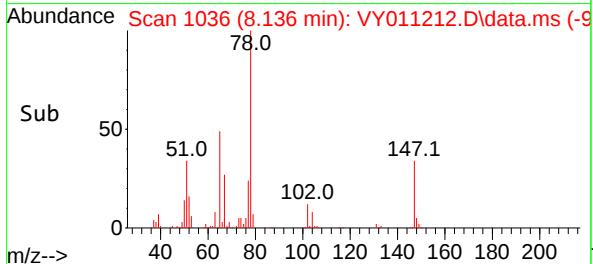
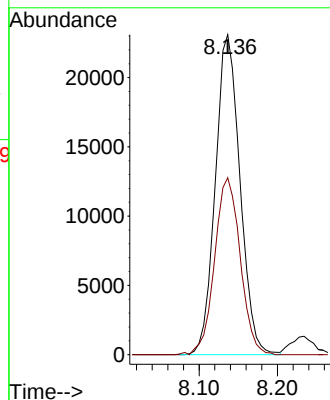
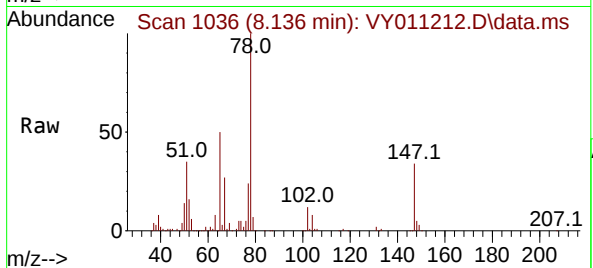
67 57.4 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

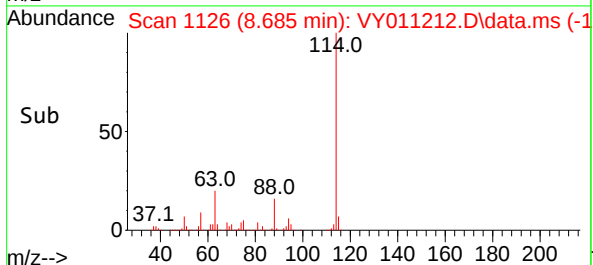
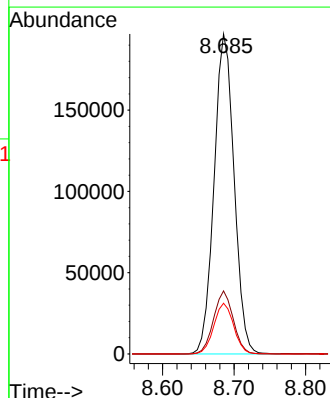
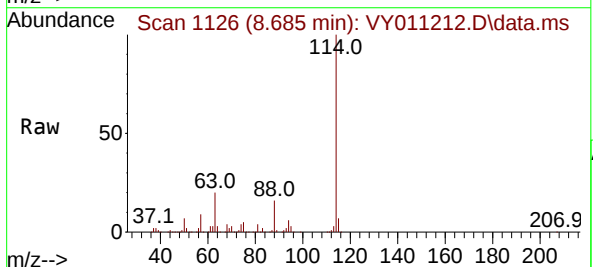
Tgt Ion:114 Resp: 382865

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

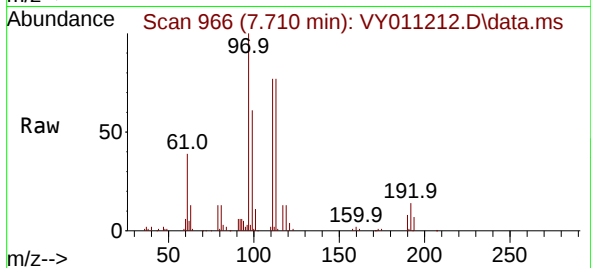
88 15.9 0.0 31.8





#35
Dibromofluoromethane
Concen: 22.531 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

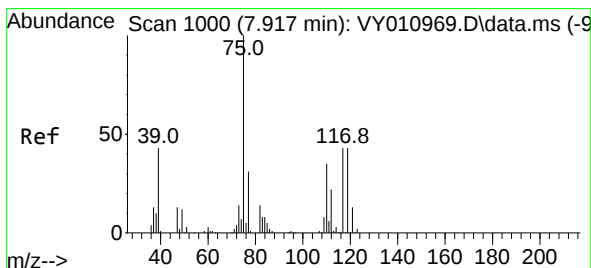
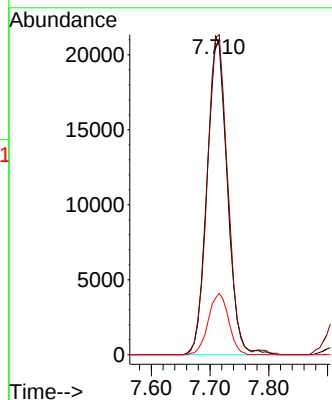
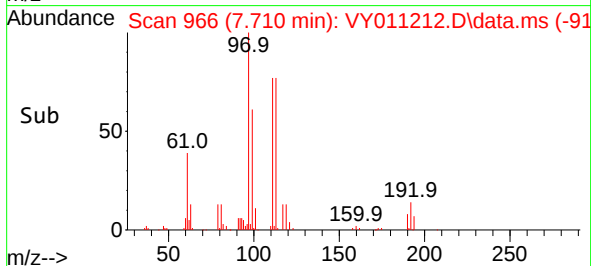
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:113 Resp: 50612
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 19.3 17.6 26.4

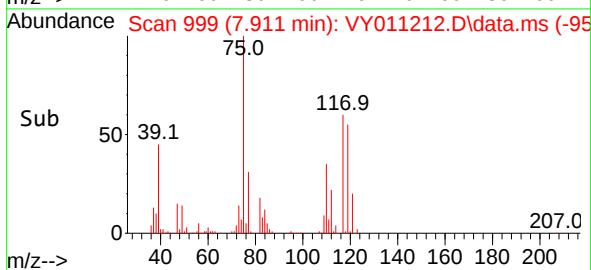
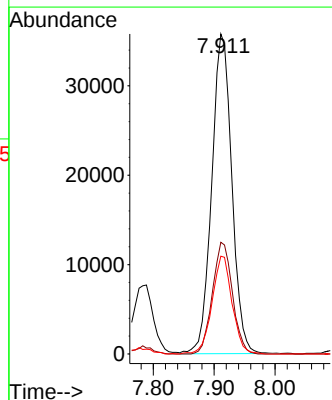
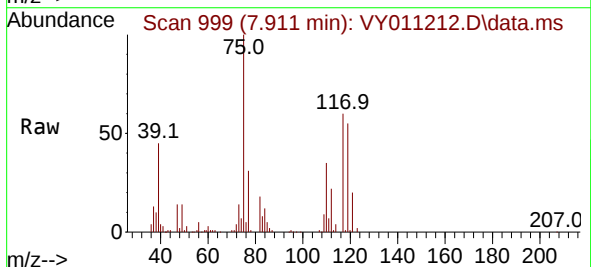
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#36
1,1-Dichloropropene
Concen: 23.017 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion: 75 Resp: 82037
Ion Ratio Lower Upper
75 100
110 34.6 17.1 51.2
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 21.368 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 42164

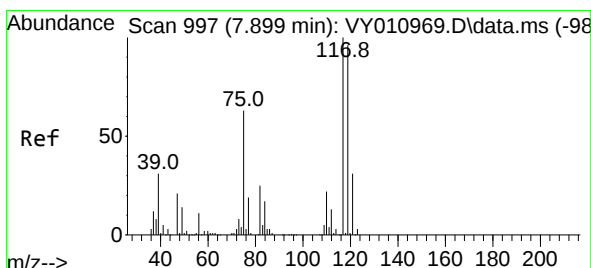
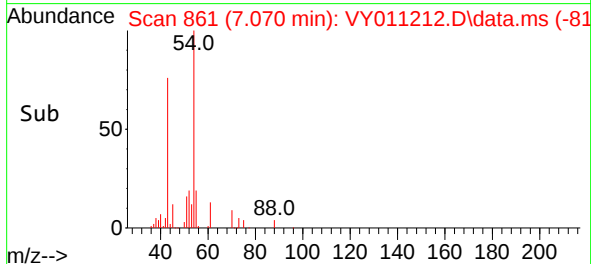
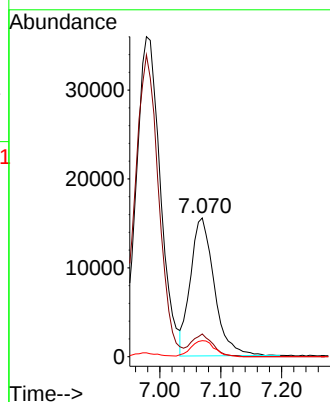
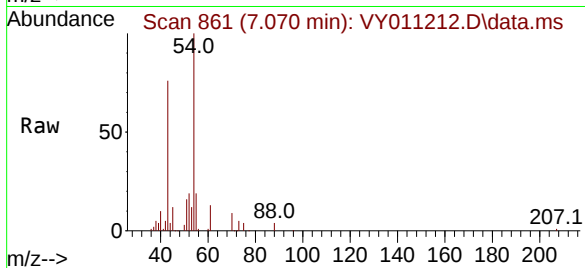
Ion	Ratio	Lower	Upper
43	100		
61	14.9	9.7	14.5
70	11.5	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#38

Carbon Tetrachloride

Concen: 22.621 ug/l

RT: 7.899 min Scan# 997

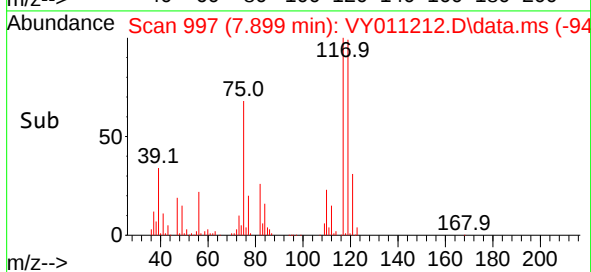
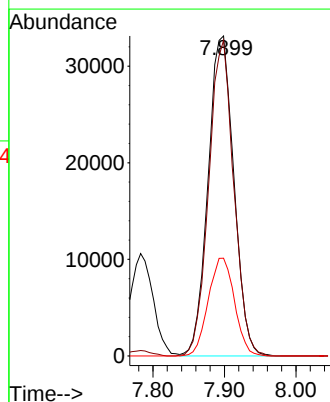
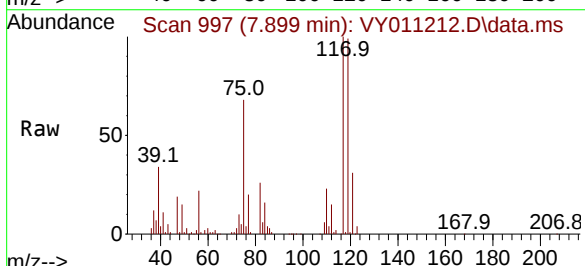
Delta R.T. -0.000 min

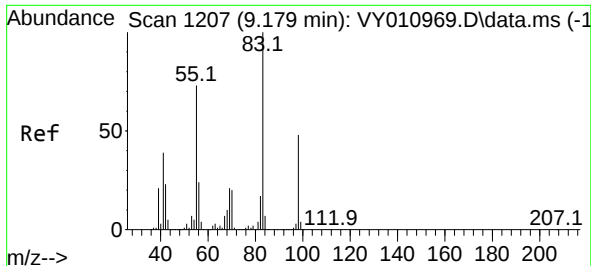
Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Tgt Ion:117 Resp: 83225

Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.9	116.9
121	30.5	24.8	37.2





#39

Methylcyclohexane

Concen: 23.079 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 98520

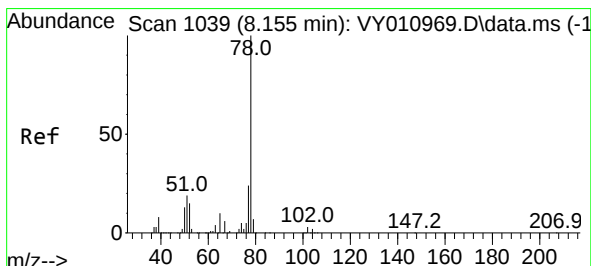
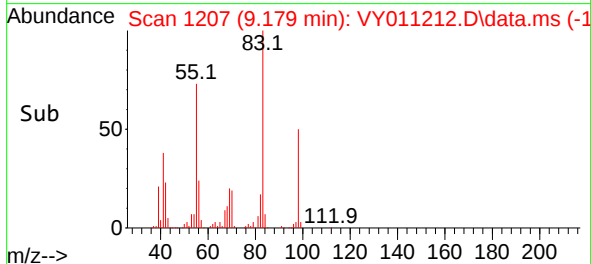
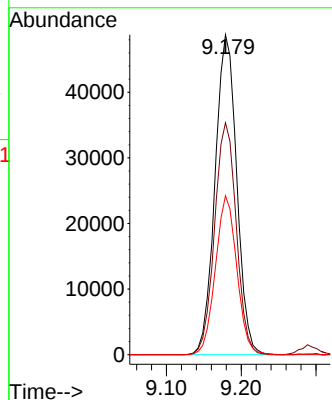
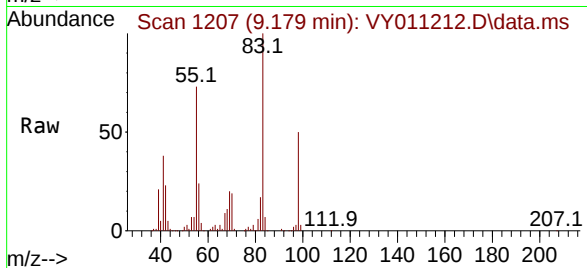
Ion	Ratio	Lower	Upper
83	100		
55	72.5	66.5	99.7
98	49.7	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#40

Benzene

Concen: 22.801 ug/l

RT: 8.155 min Scan# 1039

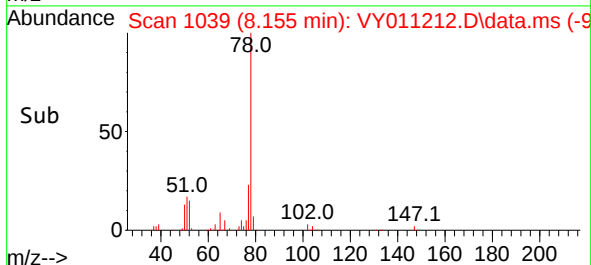
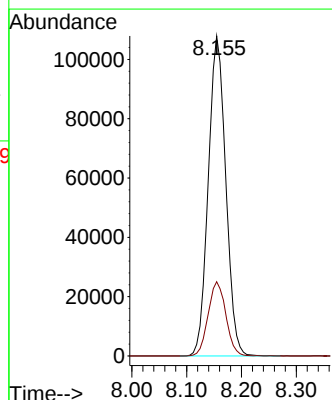
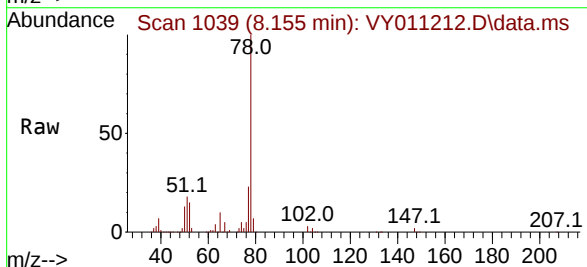
Delta R.T. -0.000 min

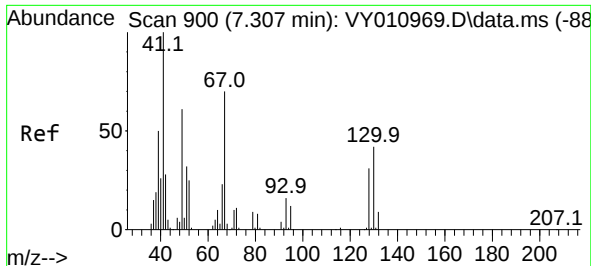
Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Tgt Ion: 78 Resp: 238441

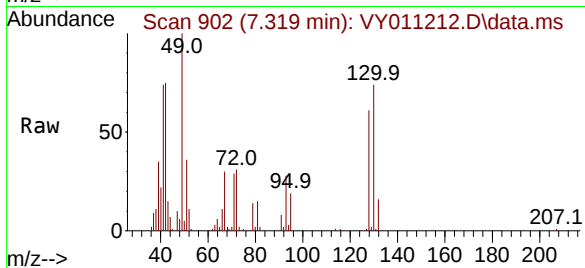
Ion	Ratio	Lower	Upper
78	100		
77	23.2	20.4	30.6





#41
Methacrylonitrile
Concen: 21.774 ug/l m
RT: 7.319 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

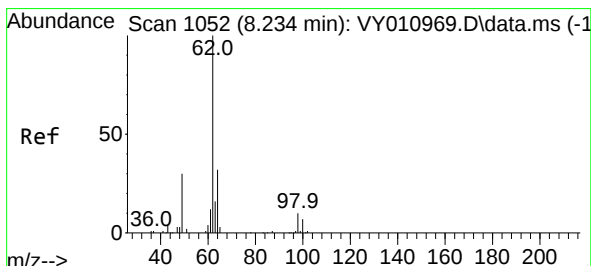
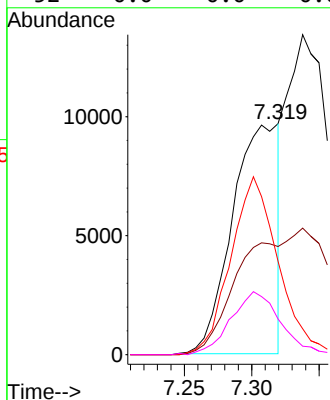
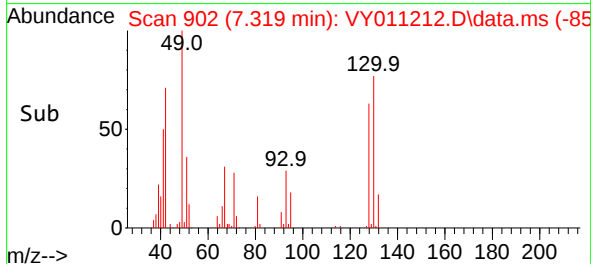
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 23284
Ion Ratio Lower Upper
41 100
39 107.2 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

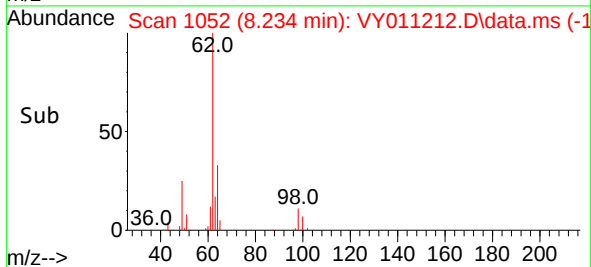
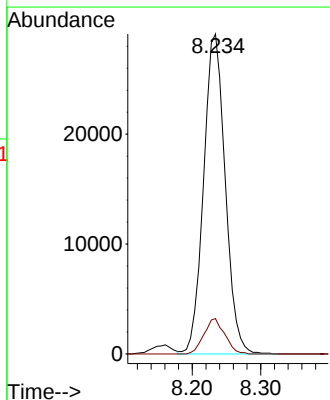
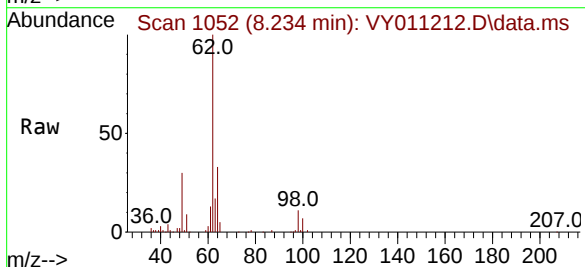
Manual Integrations
APPROVED

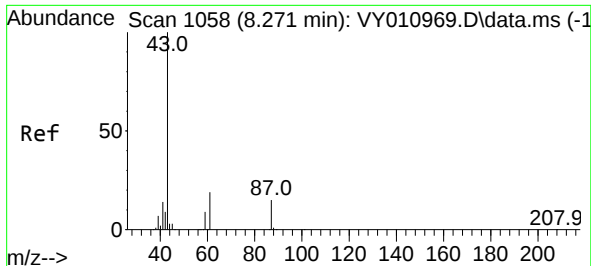
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#42
1,2-Dichloroethane
Concen: 22.078 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

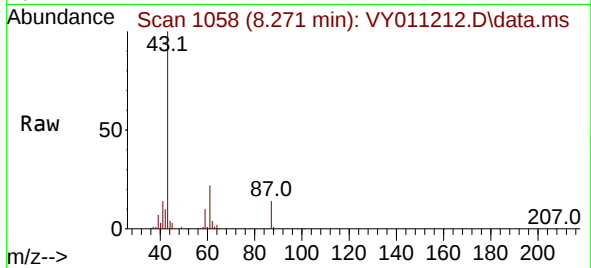
Tgt Ion: 62 Resp: 63975
Ion Ratio Lower Upper
62 100
98 10.6 0.0 14.8





#43
Isopropyl Acetate
Concen: 20.832 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

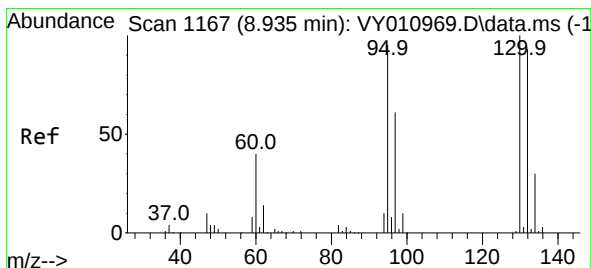
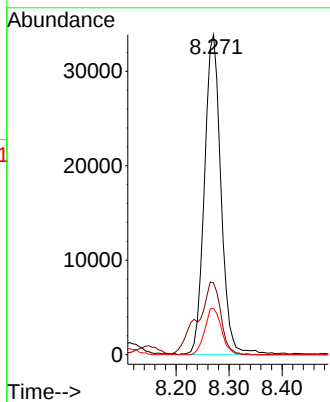
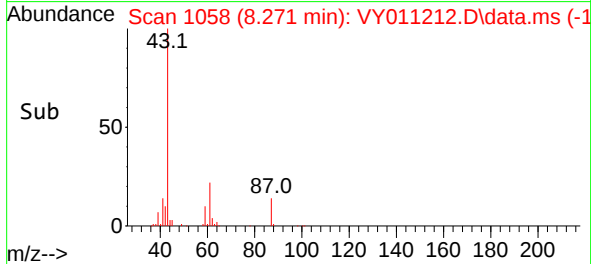
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 7344
Ion Ratio Lower Upper
43 100
61 31.9 20.2 30.2
87 14.6 8.9 13.3

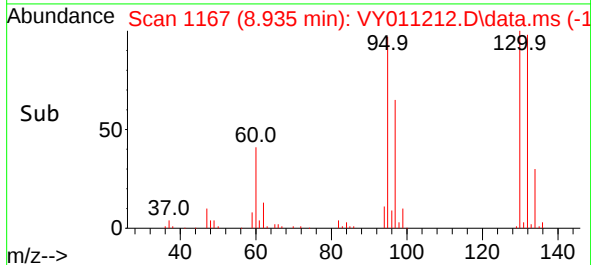
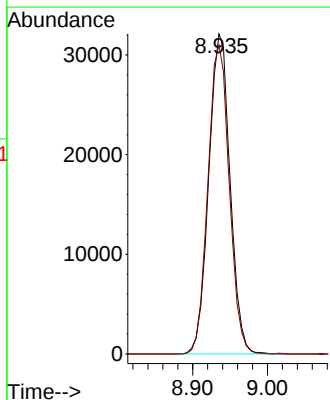
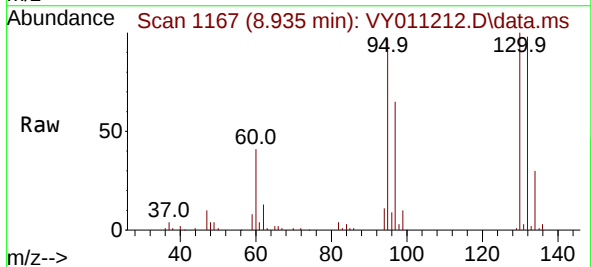
Manual Integrations
APPROVED

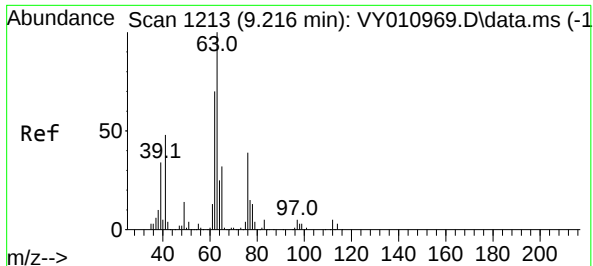
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#44
Trichloroethene
Concen: 22.407 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion:130 Resp: 63500
Ion Ratio Lower Upper
130 100
95 96.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 22.231 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 5898

Ion Ratio Lower Upper

63 100

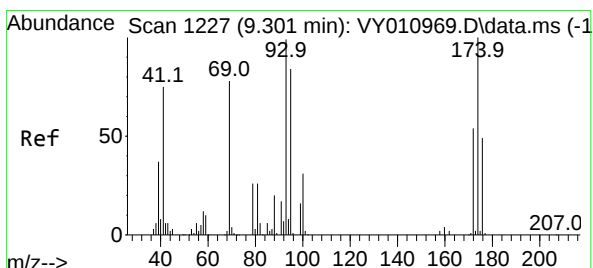
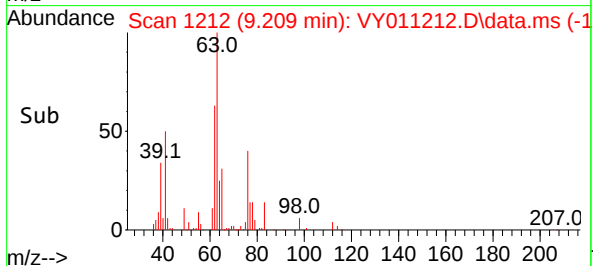
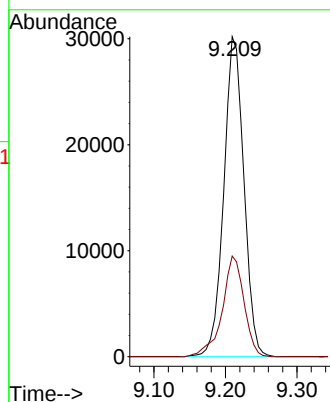
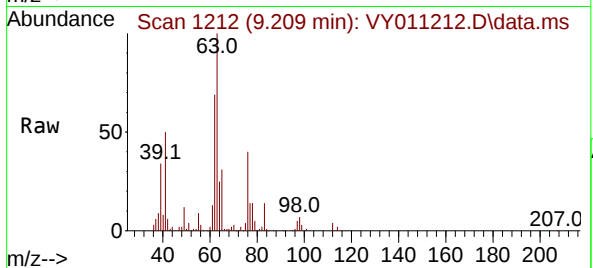
65 31.5 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#46

Dibromomethane

Concen: 22.308 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

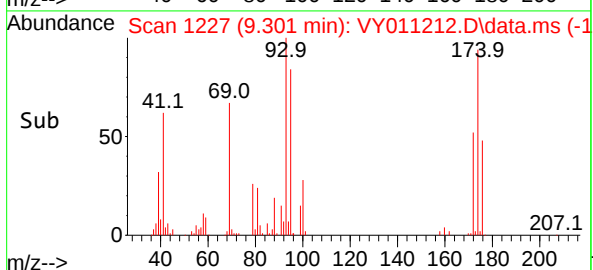
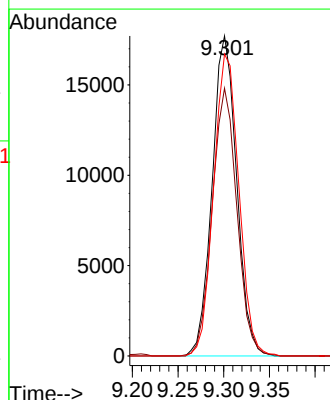
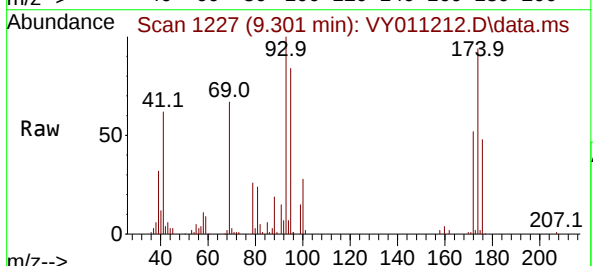
Tgt Ion: 93 Resp: 33013

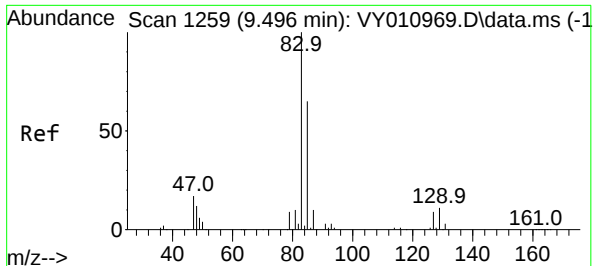
Ion Ratio Lower Upper

93 100

95 84.3 64.3 96.5

174 97.4 83.4 125.0





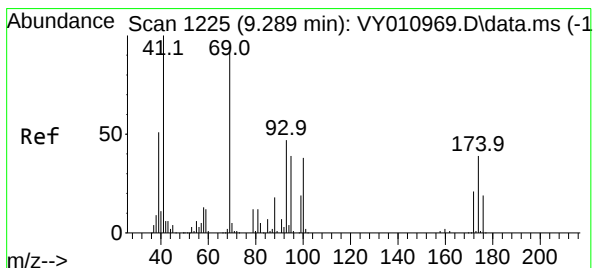
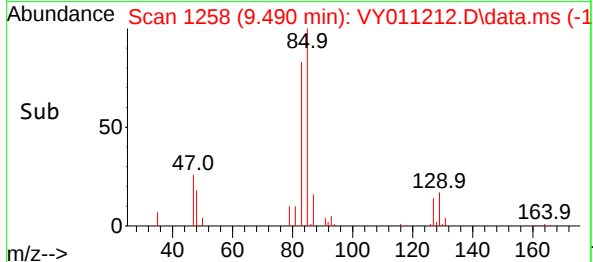
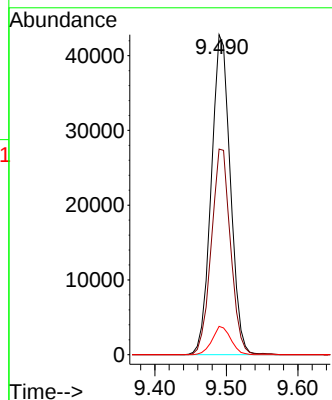
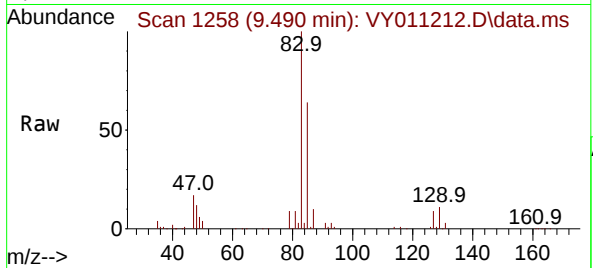
#47
Bromodichloromethane
Concen: 22.199 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 79168
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9
127 8.8 6.6 10.0

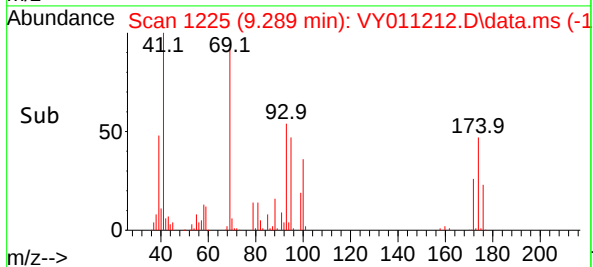
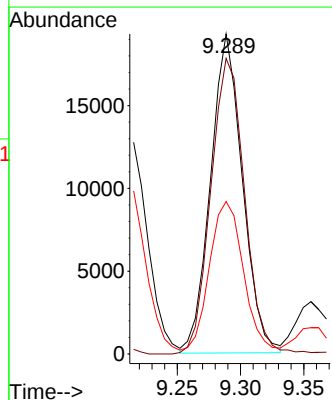
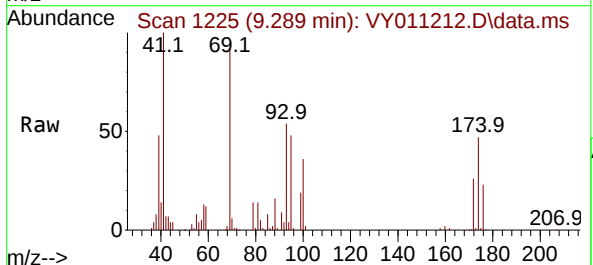
Manual Integrations
APPROVED

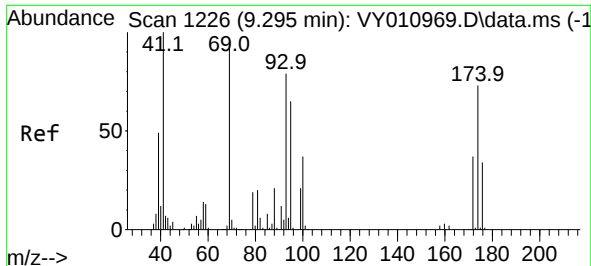
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#48
Methyl methacrylate
Concen: 21.470 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion: 41 Resp: 33876
Ion Ratio Lower Upper
41 100
69 98.1 58.2 87.2#
39 48.9 47.4 71.0





#49

1,4-Dioxane

Concen: 405.357 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

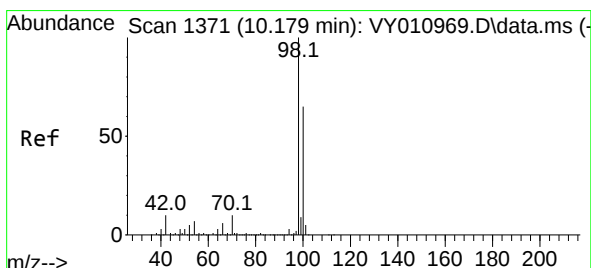
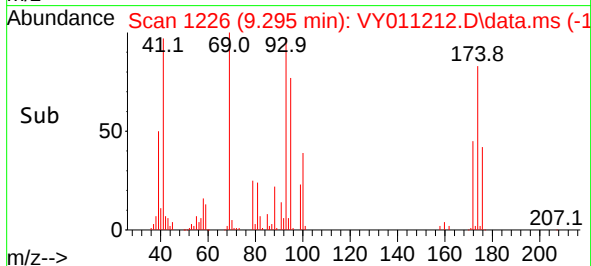
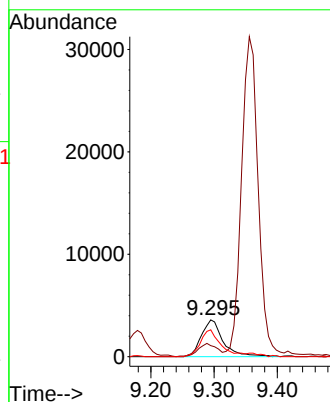
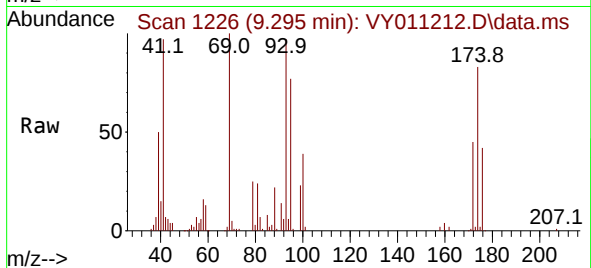
Tgt Ion: 88 Resp: 8619
 Ion Ratio Lower Upper
 88 100
 43 31.0 32.8 49.2
 58 68.7 59.8 89.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#50

Toluene-d8

Concen: 24.929 ug/l

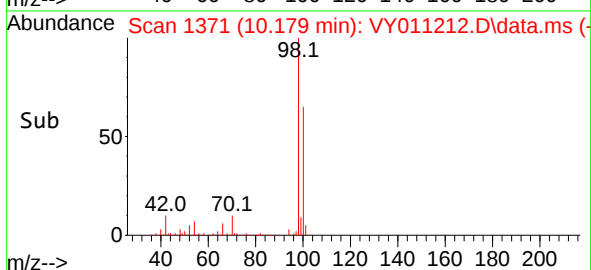
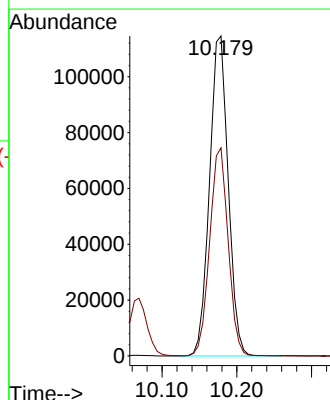
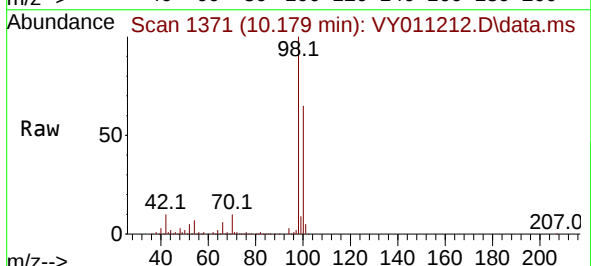
RT: 10.179 min Scan# 1371

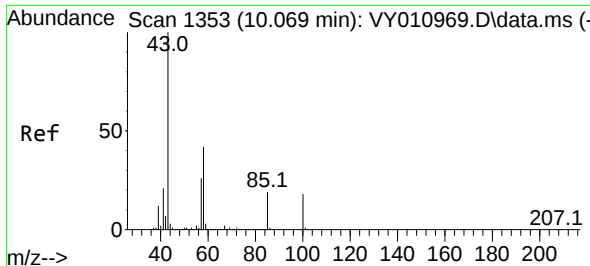
Delta R.T. -0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Tgt Ion: 98 Resp: 199286
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.2 75.2





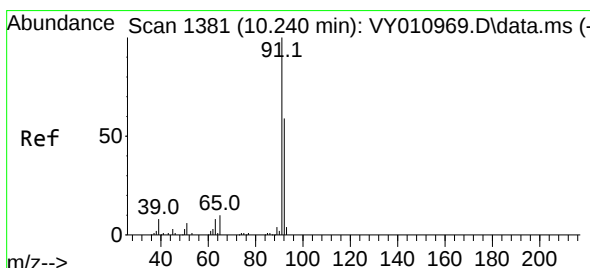
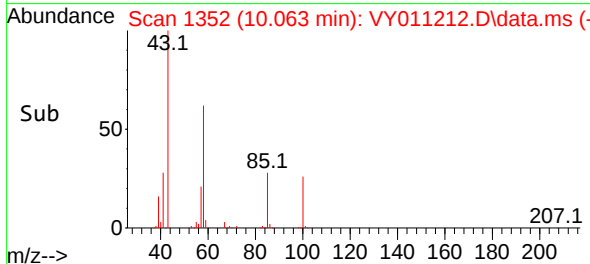
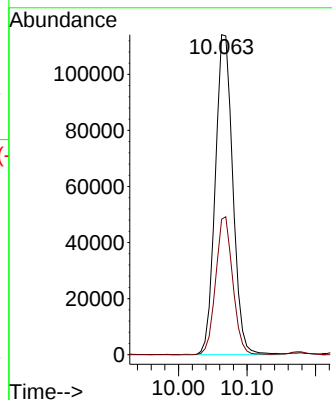
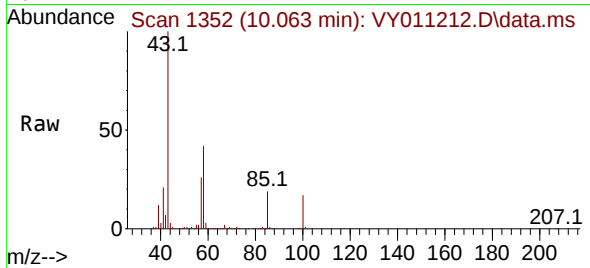
#51
4-Methyl-2-Pentanone
Concen: 103.175 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 20286
Ion Ratio Lower Upper
43 100
58 42.0 28.1 42.1

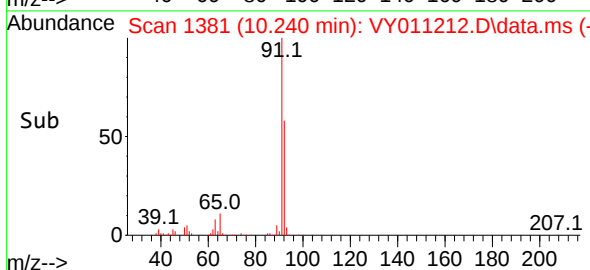
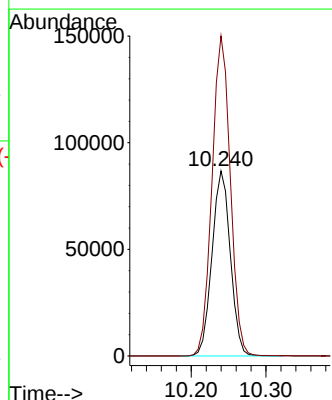
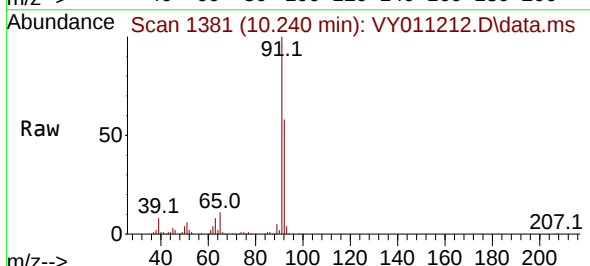
Manual Integrations
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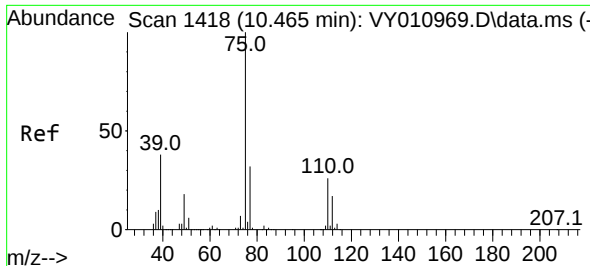
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#52
Toluene
Concen: 22.703 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion: 92 Resp: 147496
Ion Ratio Lower Upper
92 100
91 173.4 142.6 213.8





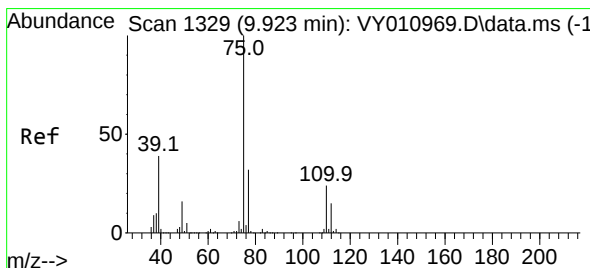
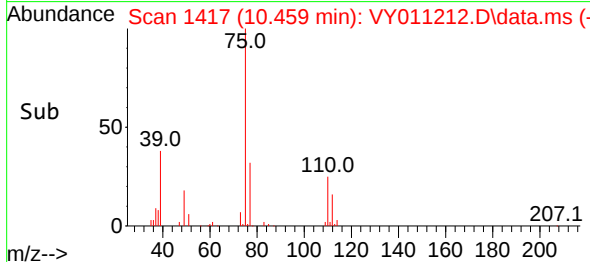
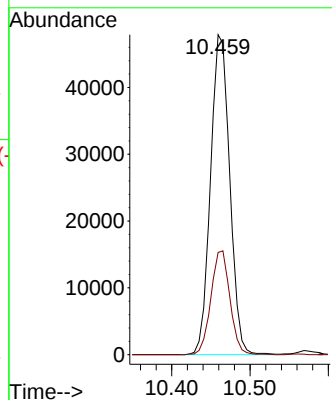
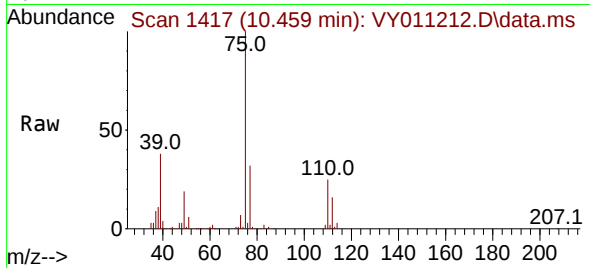
#53
t-1,3-Dichloropropene
Concen: 22.034 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 8163
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2

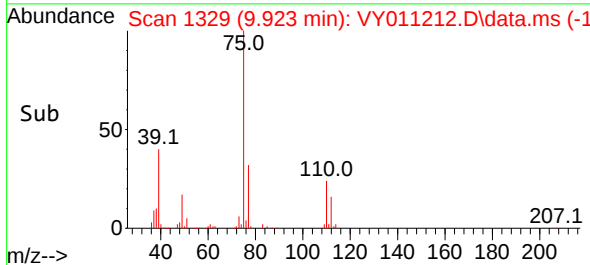
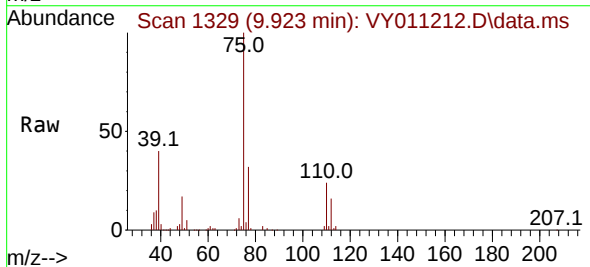
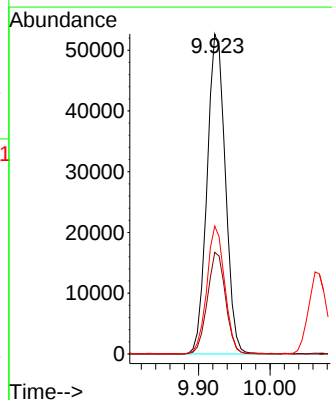
Manual Integrations
APPROVED

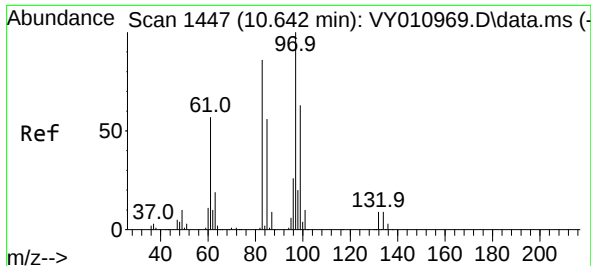
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#54
cis-1,3-Dichloropropene
Concen: 22.059 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

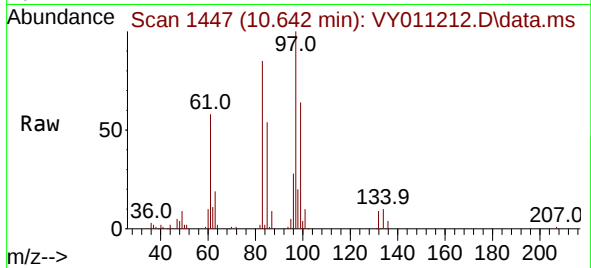
Tgt Ion: 75 Resp: 93523
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4
39 39.9 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 22.203 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

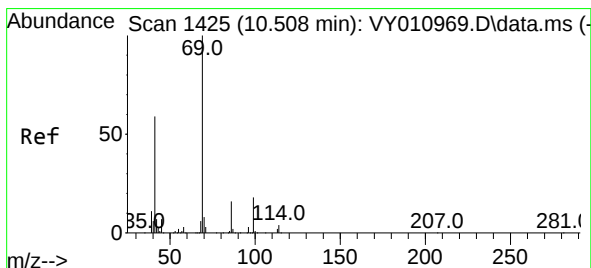
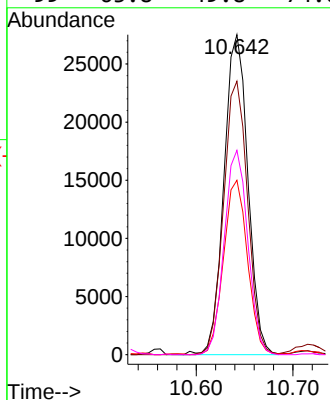
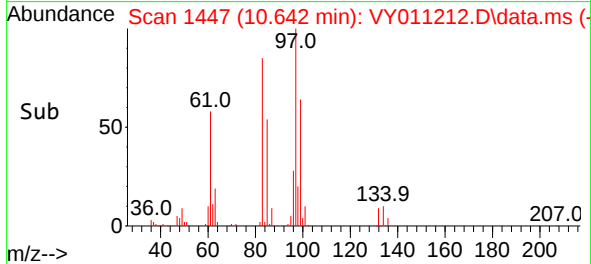
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



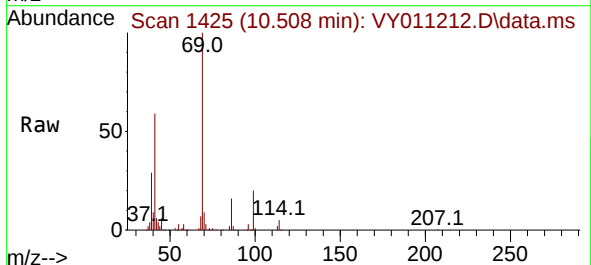
Tgt Ion: 97 Resp: 47402
Ion Ratio Lower Upper
97 100
83 85.2 69.8 104.8
85 54.3 44.3 66.5
99 63.8 49.8 74.6

Manual Integrations
APPROVED

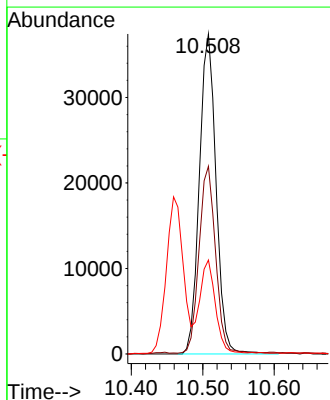
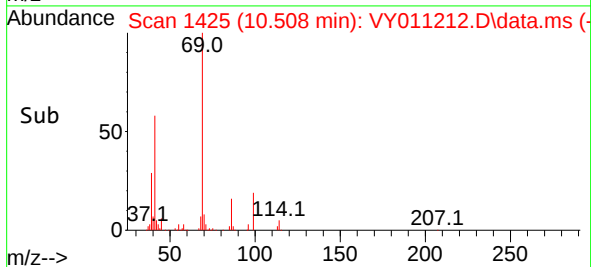
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

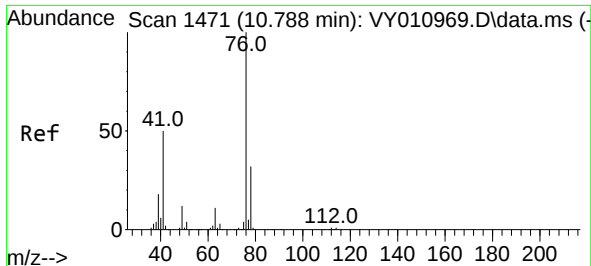


#56
Ethyl methacrylate
Concen: 21.397 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26



Tgt Ion: 69 Resp: 60671
Ion Ratio Lower Upper
69 100
41 57.8 63.4 95.0#
39 27.6 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 22.012 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 80799

Ion Ratio Lower Upper

76 100

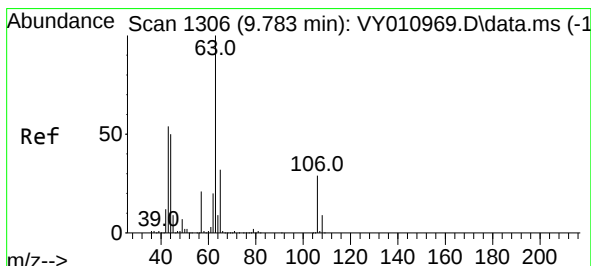
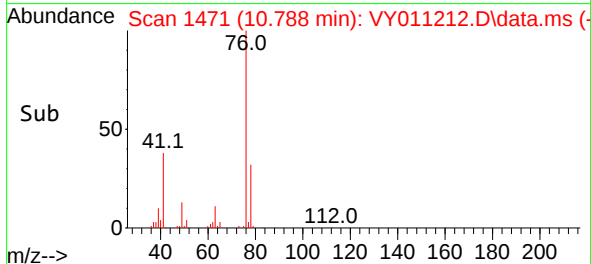
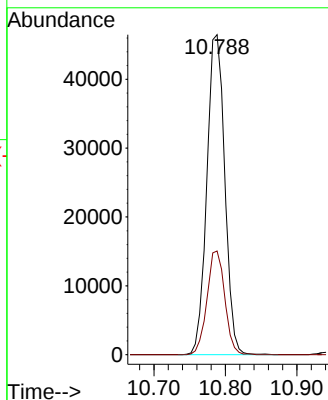
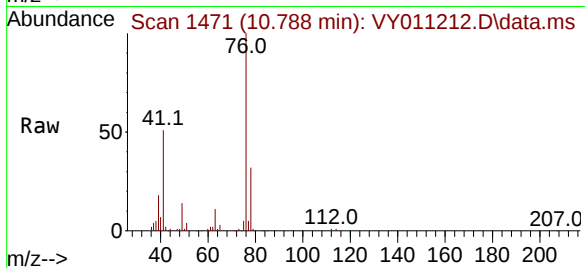
78 32.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 114.150 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VY011212.D

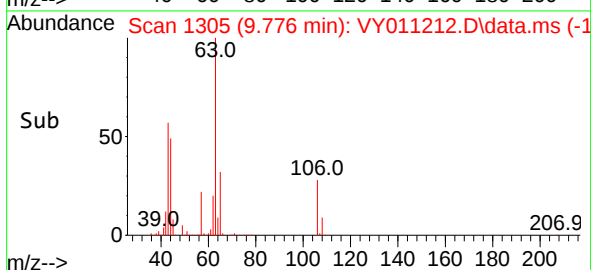
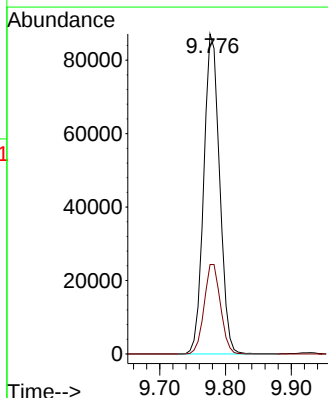
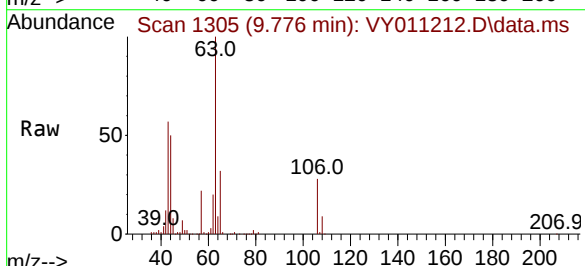
Acq: 01 Nov 2022 10:26

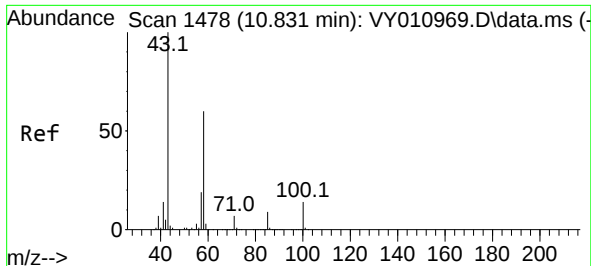
Tgt Ion: 63 Resp: 146275

Ion Ratio Lower Upper

63 100

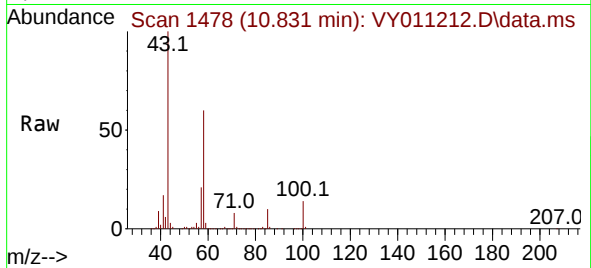
106 28.7 21.5 32.3





#59
2-Hexanone
Concen: 103.719 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

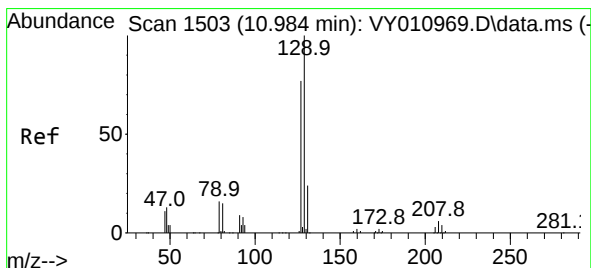
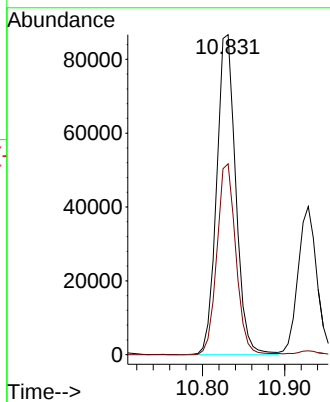
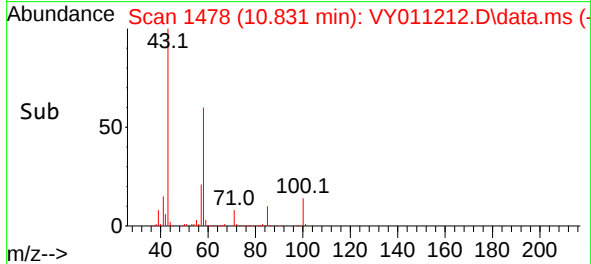
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



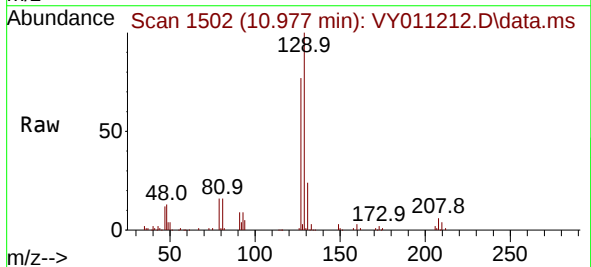
Tgt Ion: 43 Resp: 140084
Ion Ratio Lower Upper
43 100
58 59.2 24.4 73.4

Manual Integrations
APPROVED

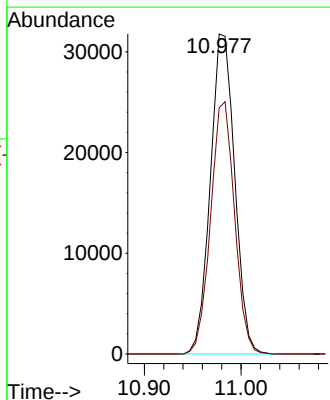
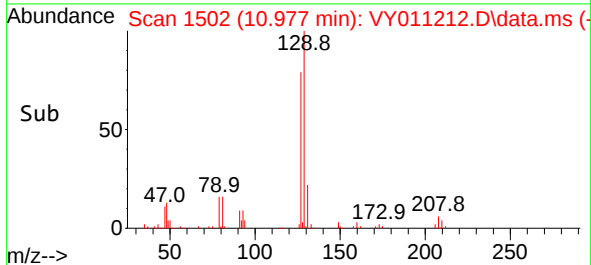
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

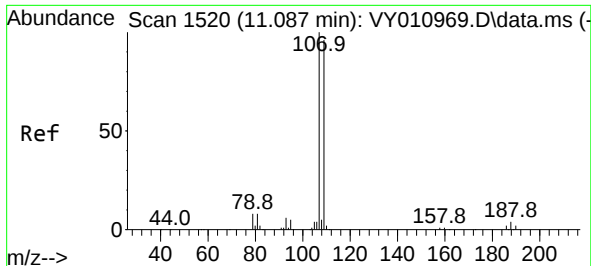


#60
Dibromochloromethane
Concen: 21.926 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.007 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26



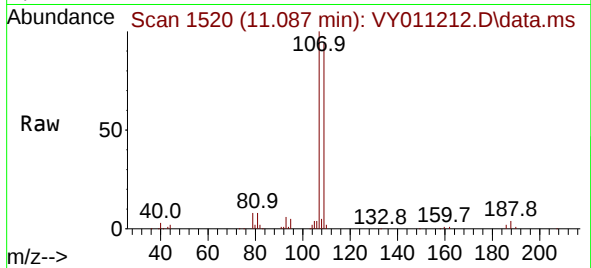
Tgt Ion:129 Resp: 55663
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1





#61
1,2-Dibromoethane
Concen: 21.882 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

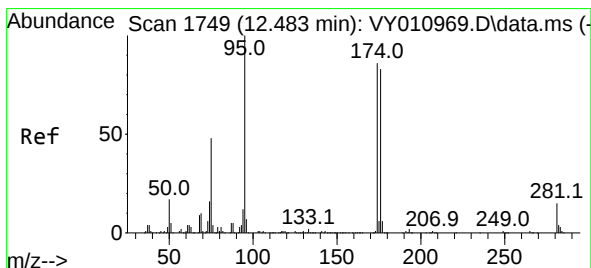
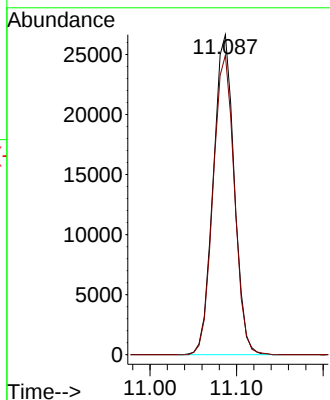
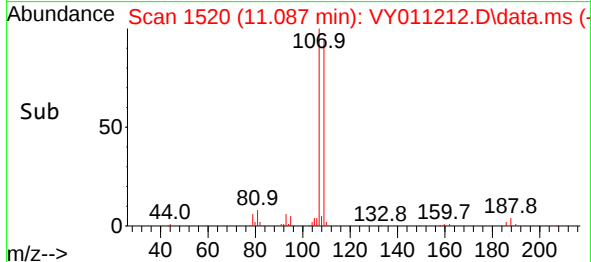
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



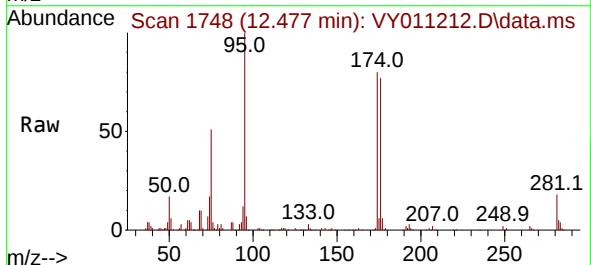
Tgt Ion:107 Resp: 4473
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2

Manual Integrations
APPROVED

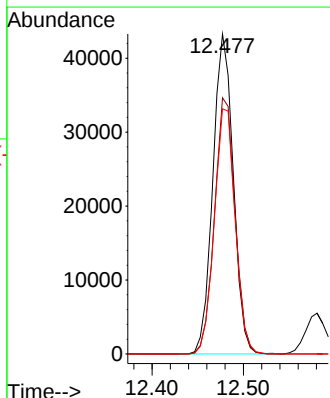
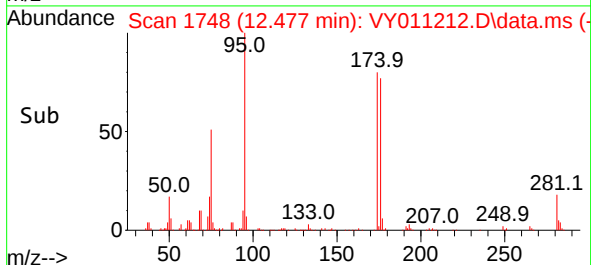
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022

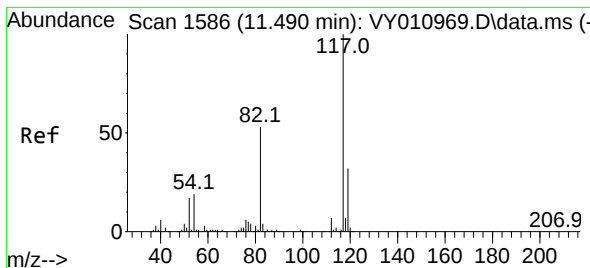


#62
4-Bromofluorobenzene
Concen: 21.962 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26



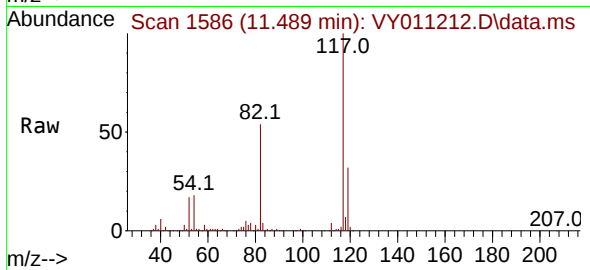
Tgt Ion: 95 Resp: 67070
Ion Ratio Lower Upper
95 100
174 80.8 0.0 177.0
176 78.5 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

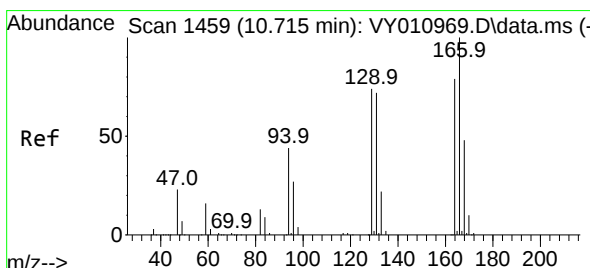
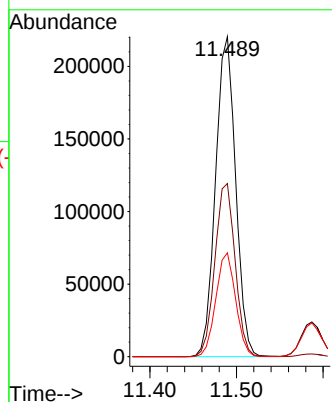
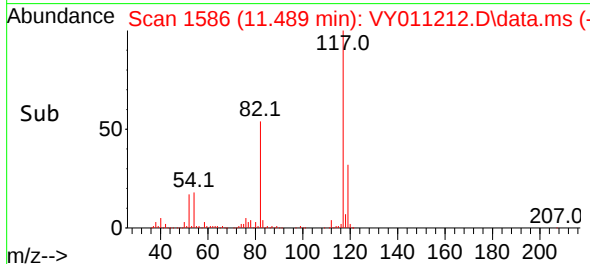
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 35540
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.4 25.4 38.0

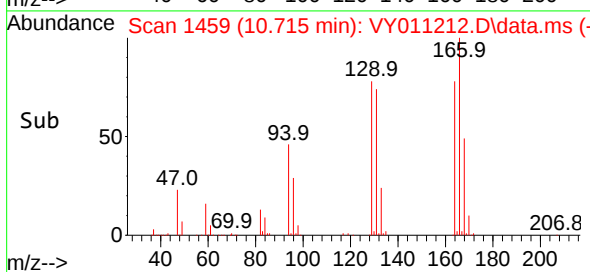
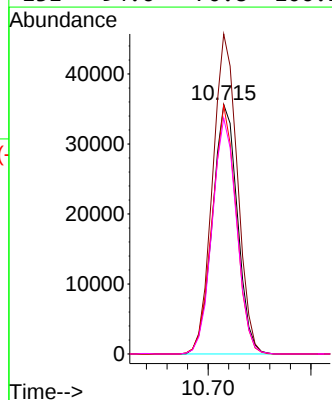
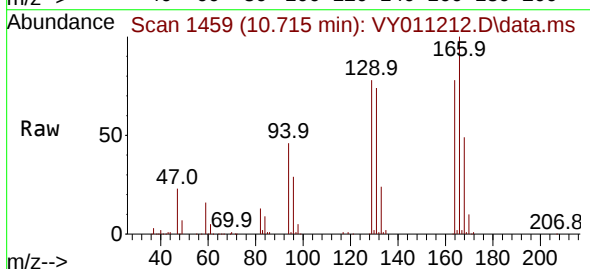
Manual Integrations
APPROVED

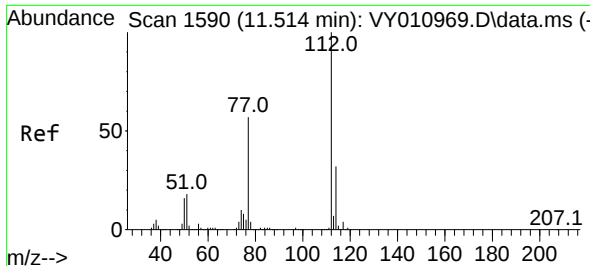
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#64
Tetrachloroethene
Concen: 21.640 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

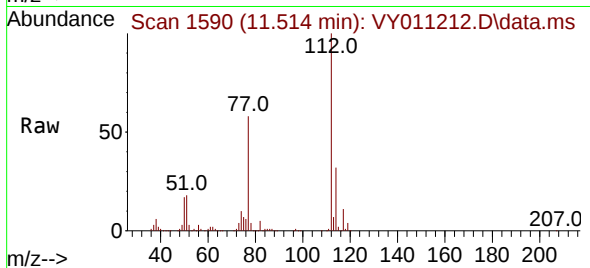
Tgt Ion:164 Resp: 59871
Ion Ratio Lower Upper
164 100
166 128.3 100.4 150.6
129 99.7 71.4 107.0
131 94.6 70.8 106.2





#65
Chlorobenzene
Concen: 21.616 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

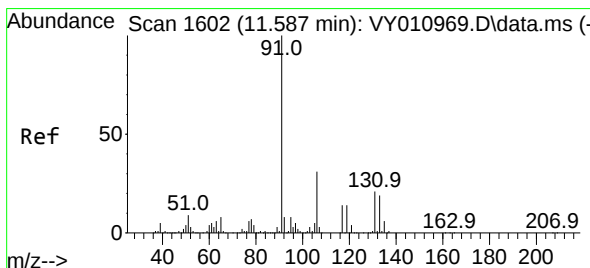
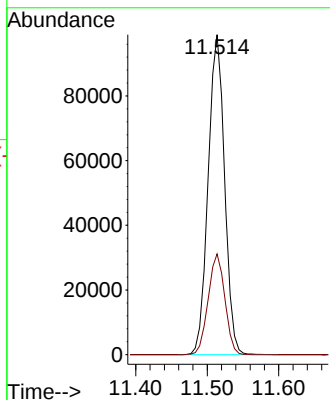
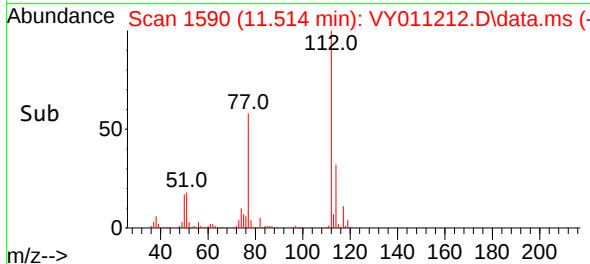
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion:112 Resp: 157725
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

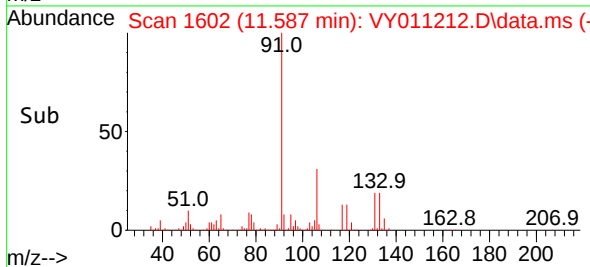
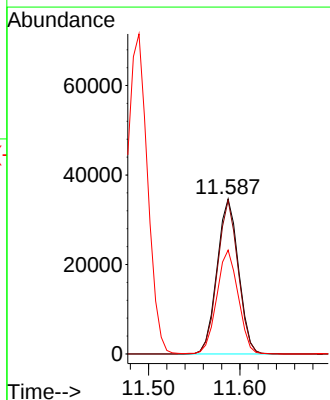
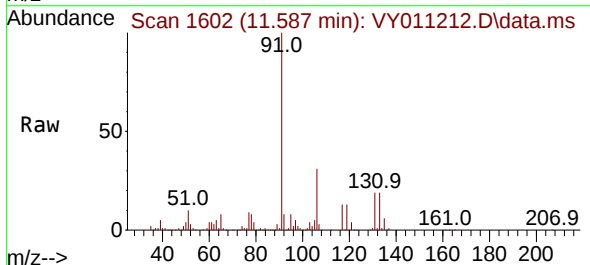
Manual Integrations
APPROVED

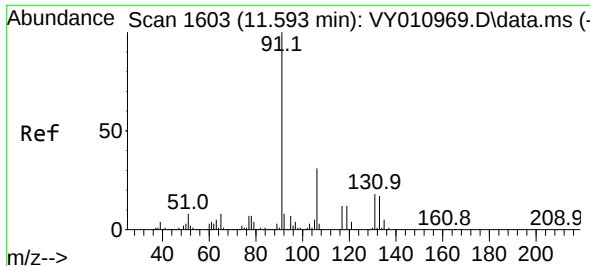
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.007 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion:131 Resp: 56734
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 66.8 30.8 92.3





#67

Ethyl Benzene

Concen: 21.432 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 276664

Ion Ratio Lower Upper

91 100

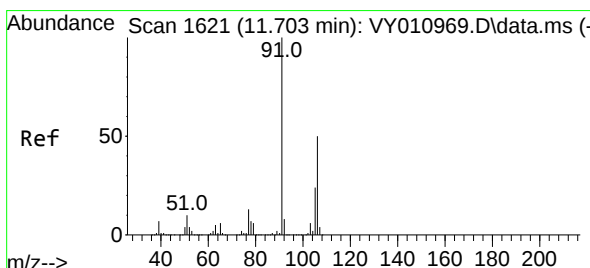
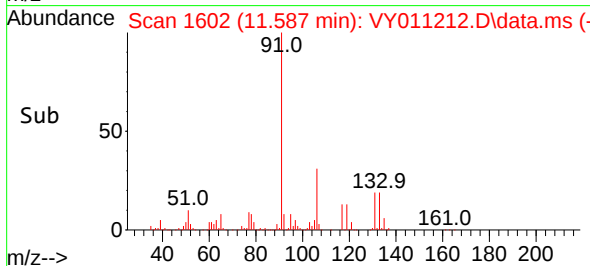
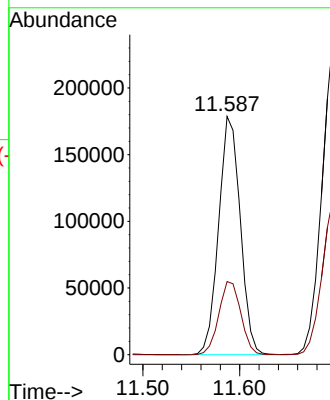
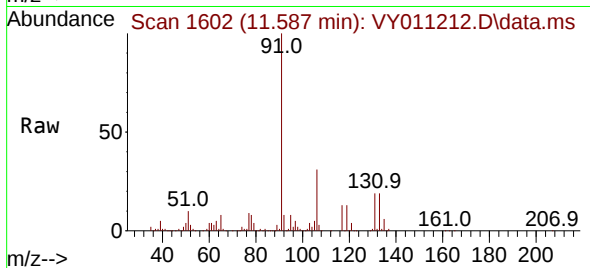
106 30.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#68

m/p-Xylenes

Concen: 44.030 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY011212.D

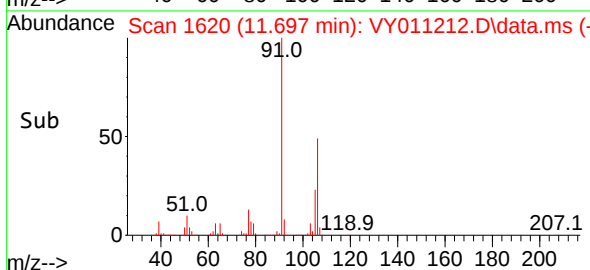
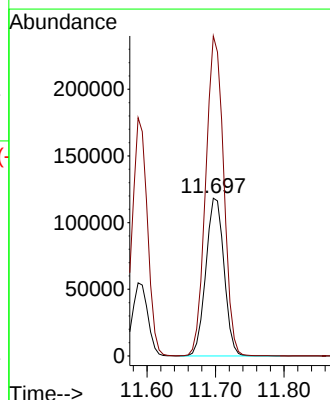
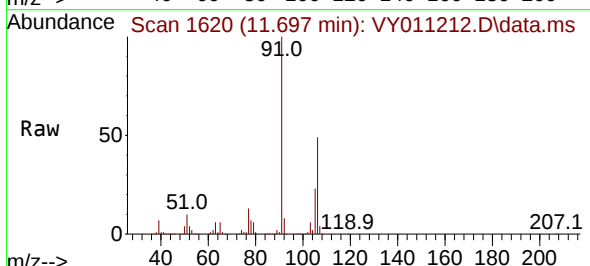
Acq: 01 Nov 2022 10:26

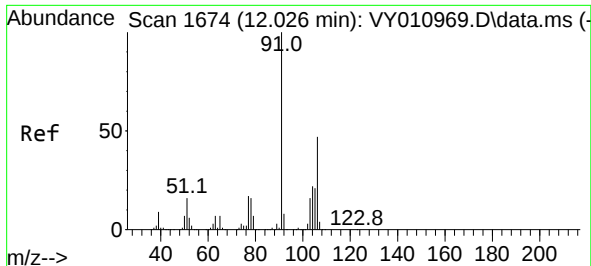
Tgt Ion:106 Resp: 218640

Ion Ratio Lower Upper

106 100

91 200.2 166.6 249.8





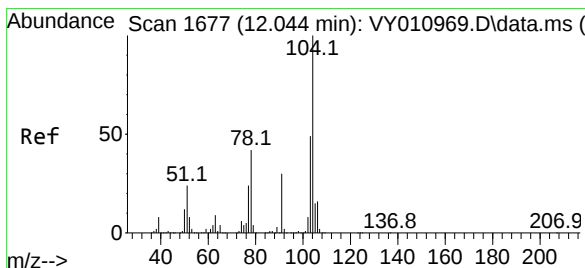
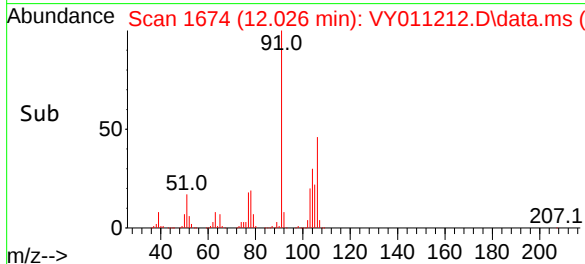
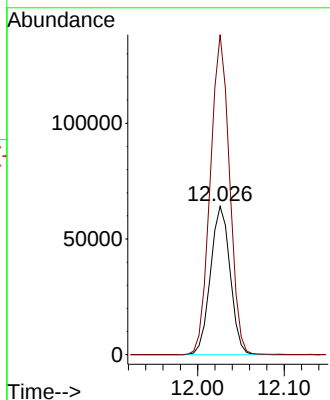
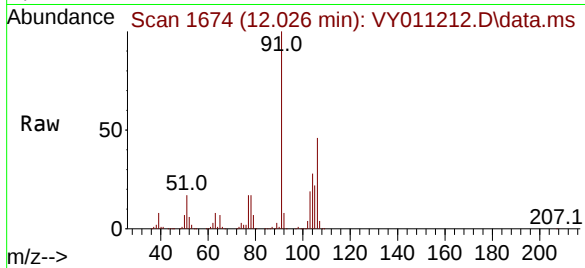
#69
o-Xylene
Concen: 21.435 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 101070
Ion Ratio Lower Upper
106 100
91 211.5 110.3 331.0

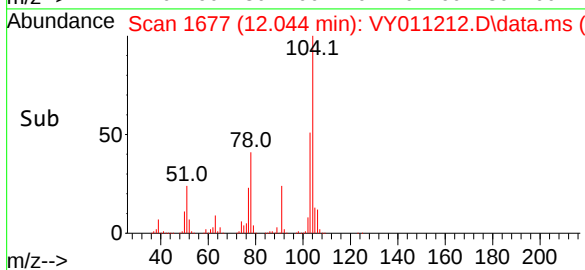
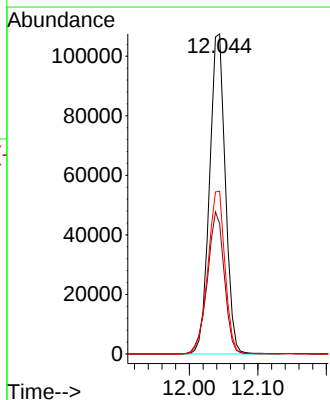
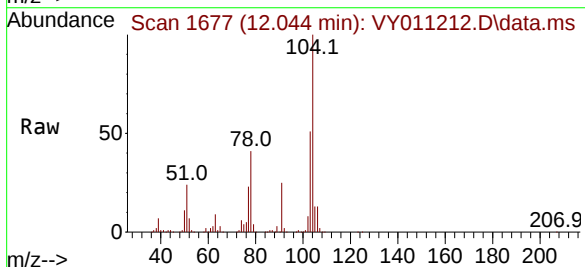
Manual Integrations
APPROVED

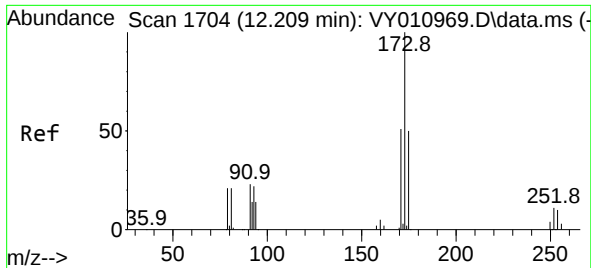
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#70
Styrene
Concen: 21.666 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion:104 Resp: 173105
Ion Ratio Lower Upper
104 100
78 47.6 42.4 63.6
103 55.1 44.4 66.6





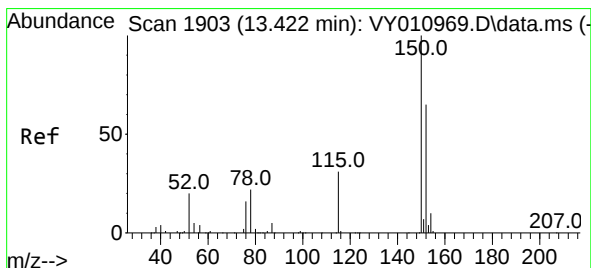
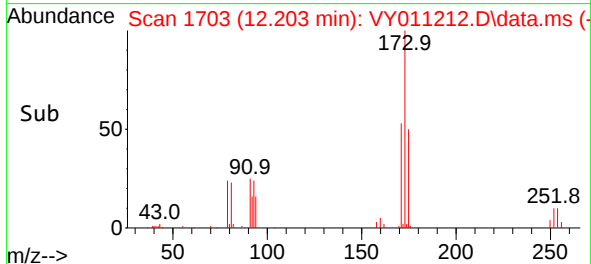
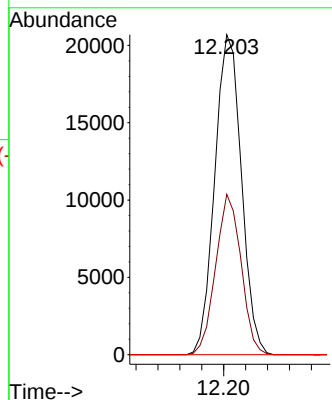
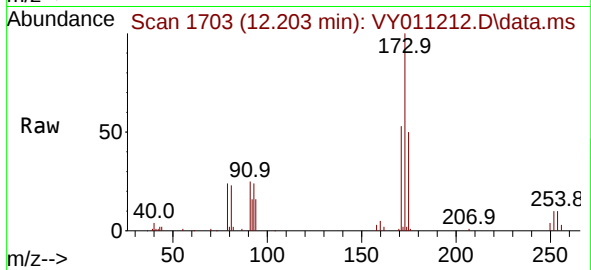
#71
Bromoform
Concen: 20.948 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 34910
Ion Ratio Lower Upper
173 100
175 47.8 24.6 74.0
254 0.0 0.0 0.0

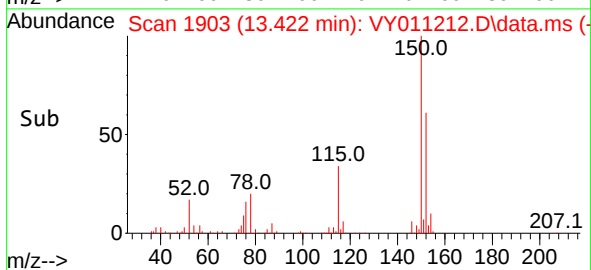
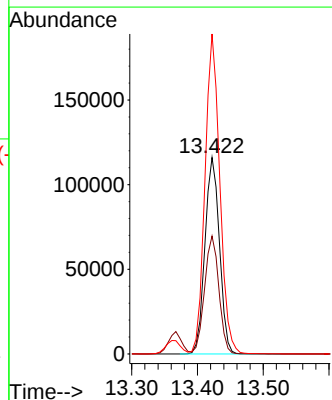
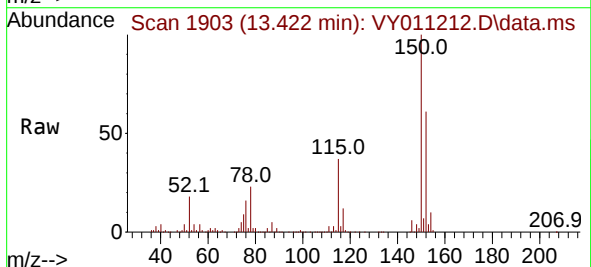
Manual Integrations
APPROVED

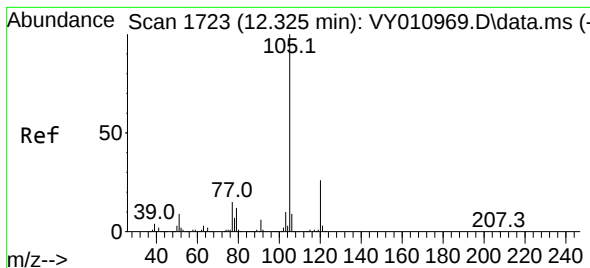
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion:152 Resp: 178097
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 166.0 0.0 347.6





#73

Isopropylbenzene

Concen: 20.448 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 264570

Ion Ratio Lower Upper

105 100

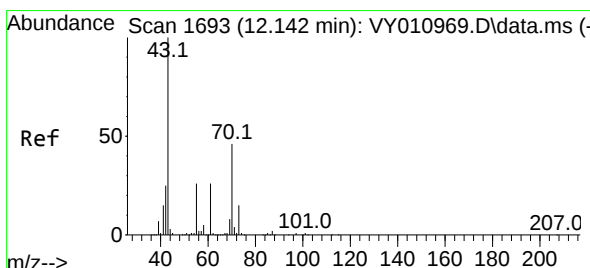
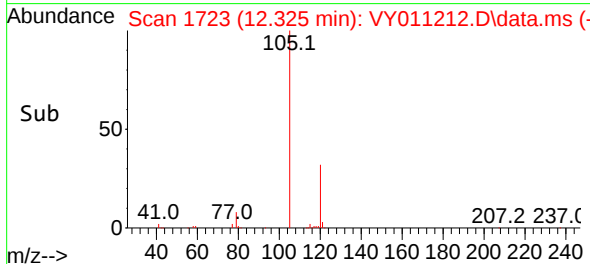
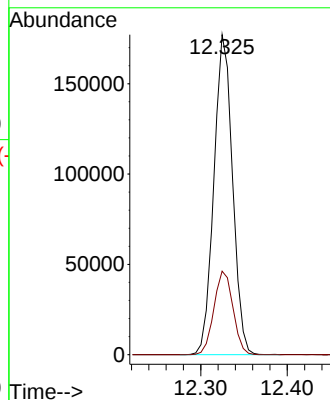
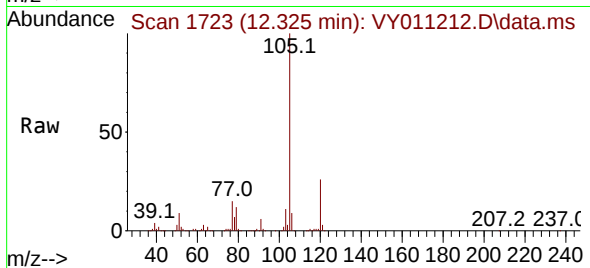
120 26.6 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#74

N-ethyl acetate

Concen: 19.533 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Tgt Ion: 43 Resp: 64126

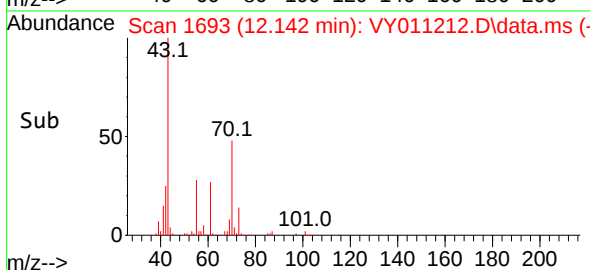
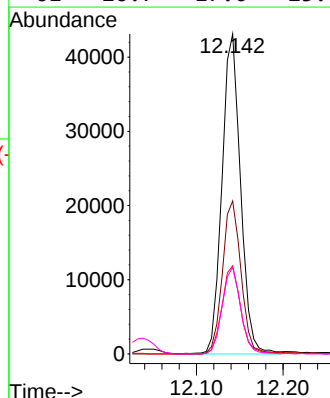
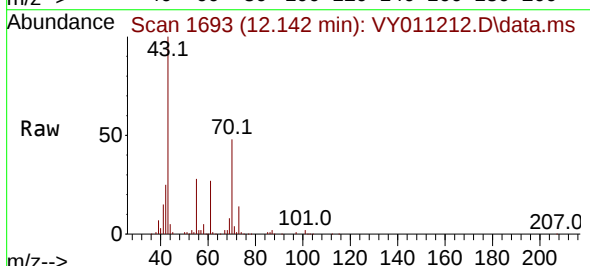
Ion Ratio Lower Upper

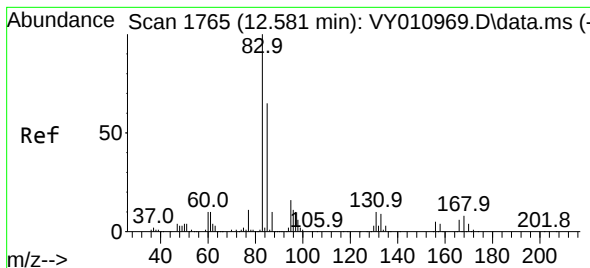
43 100

70 48.5 28.7 43.1#

55 28.2 17.3 25.9#

61 26.7 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.127 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

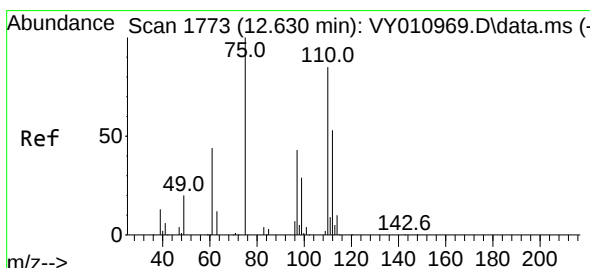
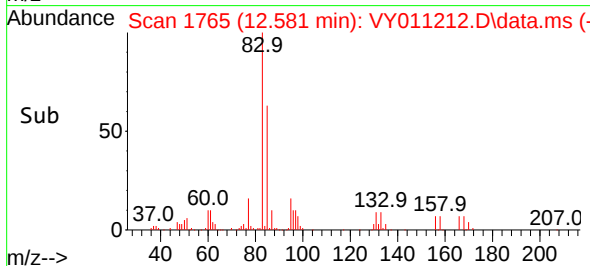
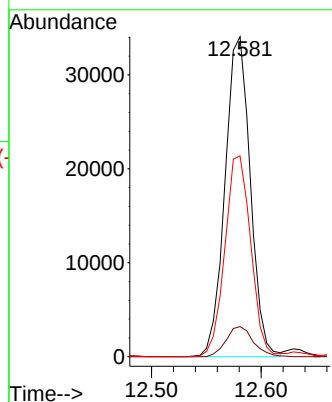
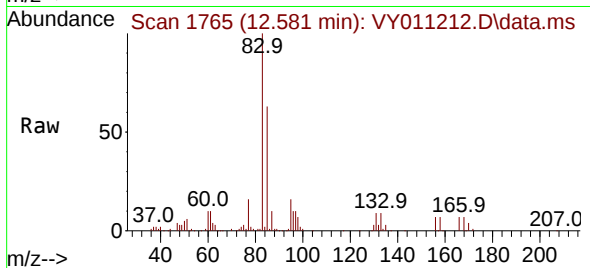
Tgt Ion:	83	Resp:	5465
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.6	16.8
85	64.2	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#76

1,2,3-Trichloropropane

Concen: 22.835 ug/l m

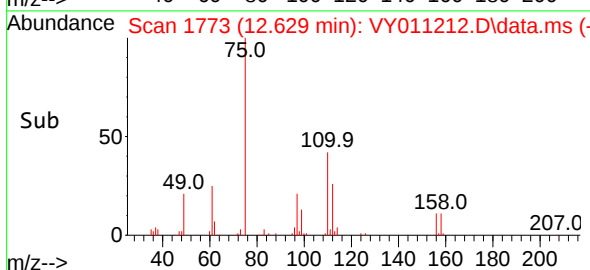
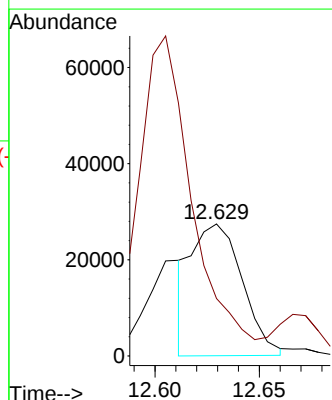
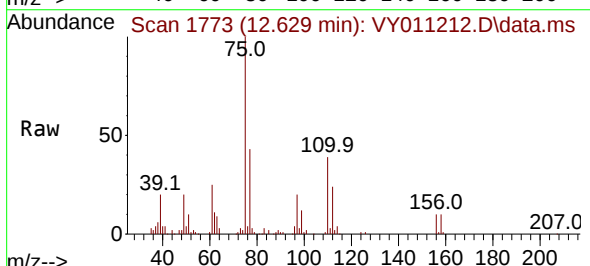
RT: 12.629 min Scan# 1773

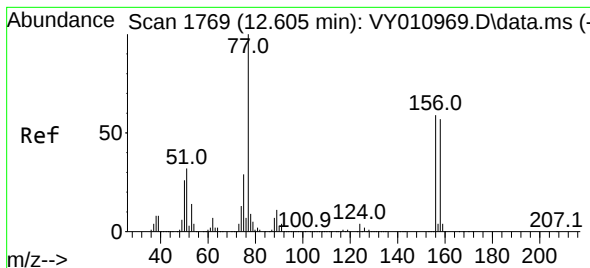
Delta R.T. -0.001 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Tgt Ion:	75	Resp:	46171
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.537 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

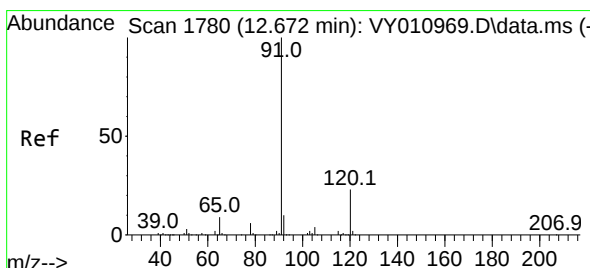
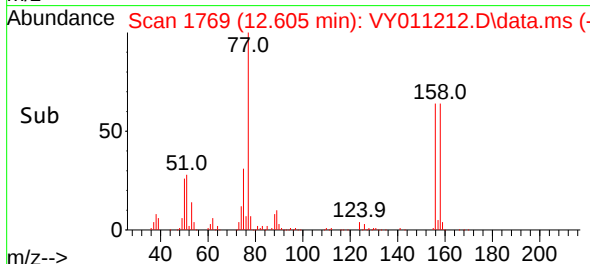
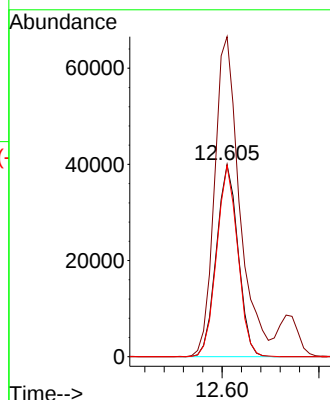
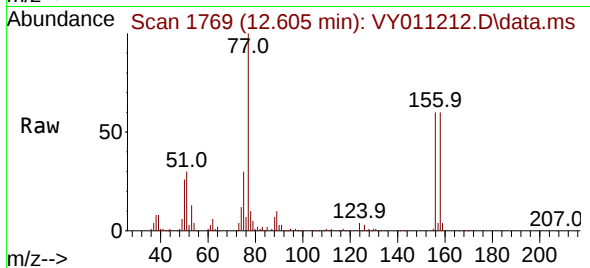
Tgt Ion:	156	Resp:	6211
Ion Ratio	Lower	Upper	
156	100		
77	192.0	95.5	286.4
158	96.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#78

n-propylbenzene

Concen: 20.867 ug/l

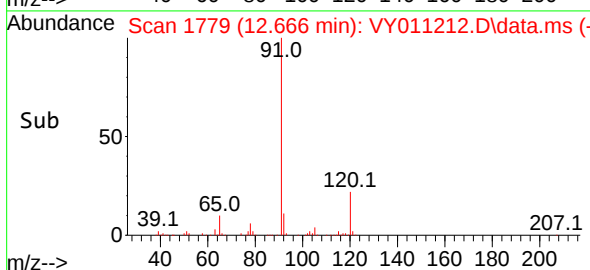
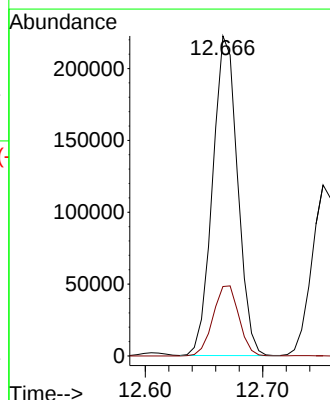
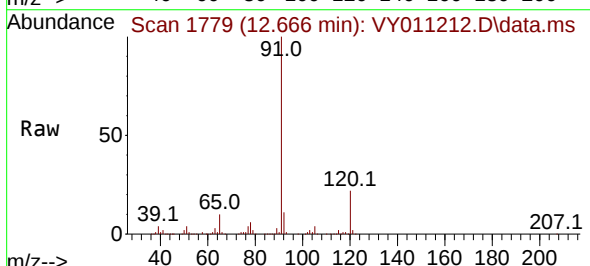
RT: 12.666 min Scan# 1779

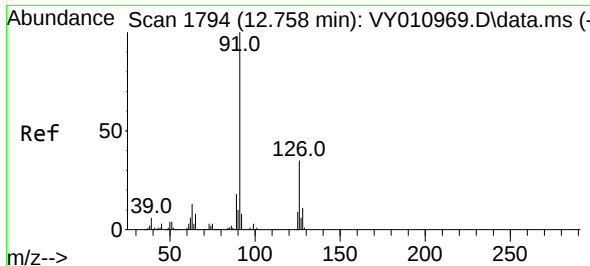
Delta R.T. -0.006 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Tgt Ion:	91	Resp:	328502
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.3	33.9





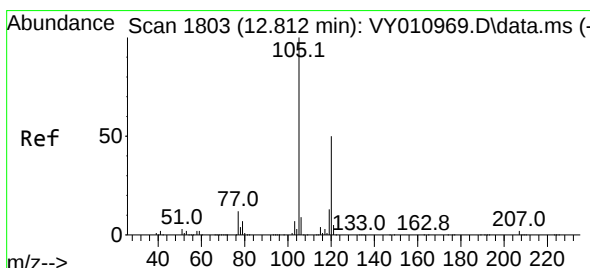
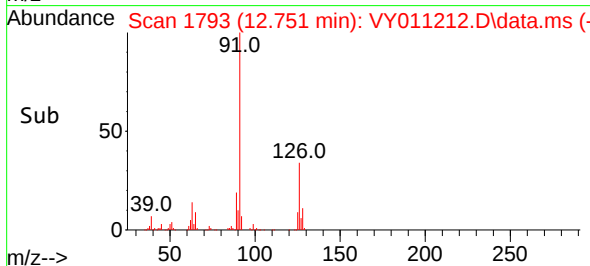
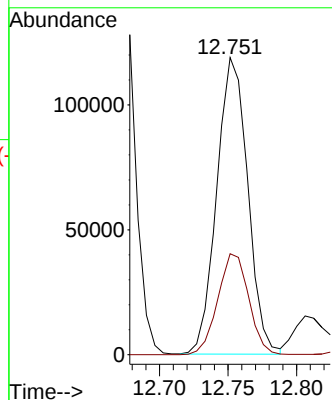
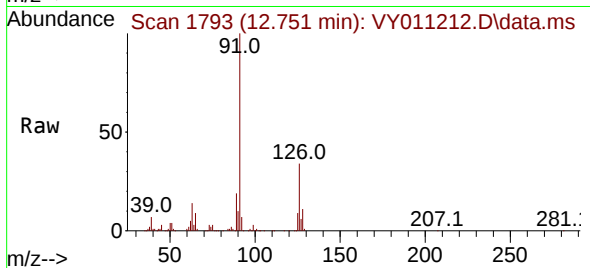
#79
2-Chlorotoluene
Concen: 21.099 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.007 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 187062
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.6

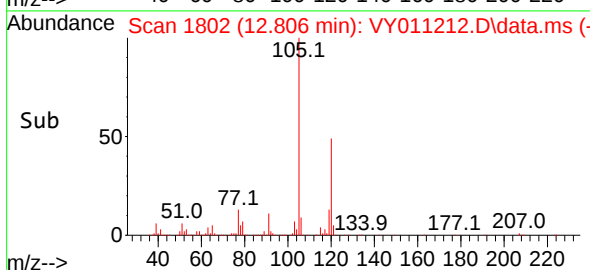
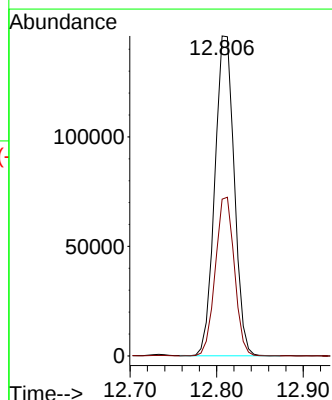
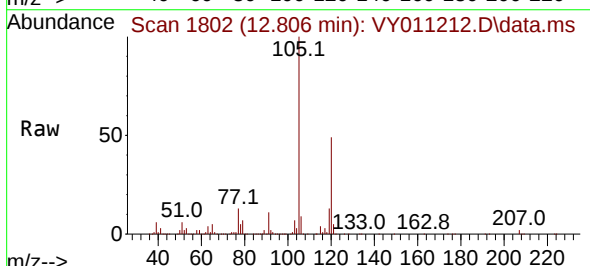
Manual Integrations
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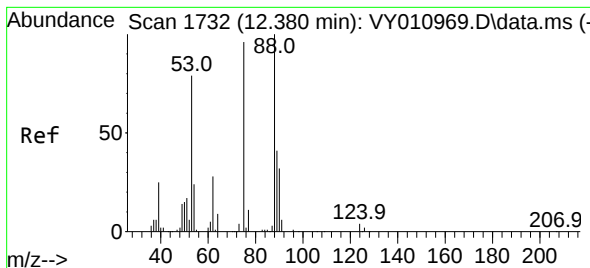
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.042 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion:105 Resp: 227166
Ion Ratio Lower Upper
105 100
120 48.9 24.4 73.4





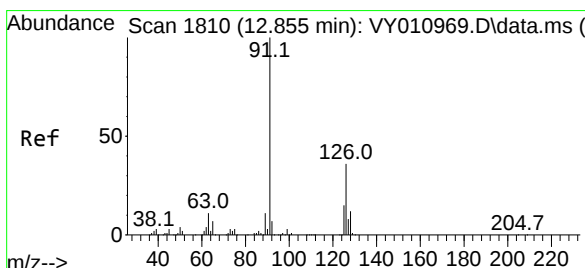
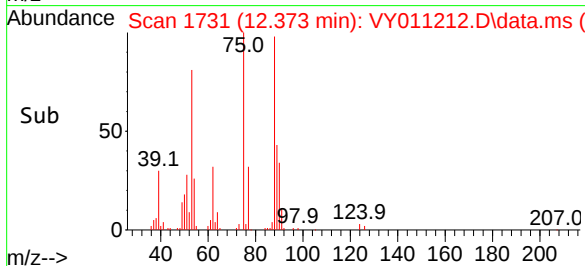
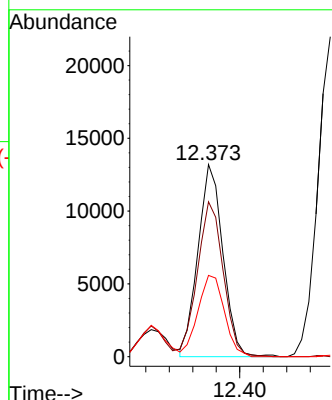
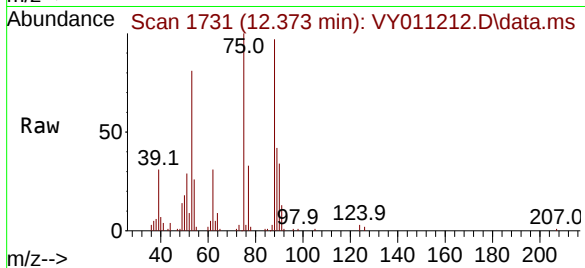
#81
trans-1,4-Dichloro-2-butene
Concen: 20.774 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.007 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 19530
Ion Ratio Lower Upper
75 100
53 83.8 85.3 127.9
89 44.7 37.0 55.4

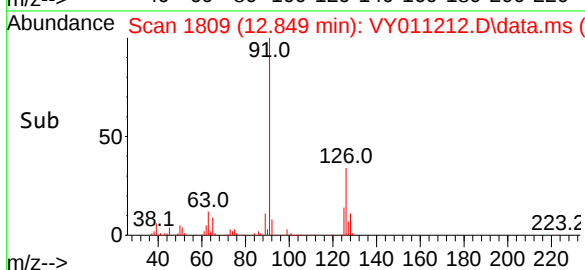
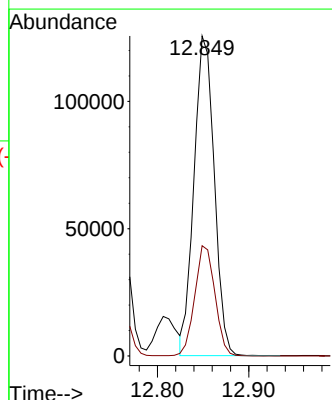
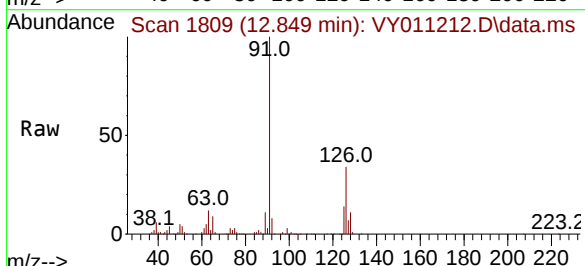
Manual Integrations
APPROVED

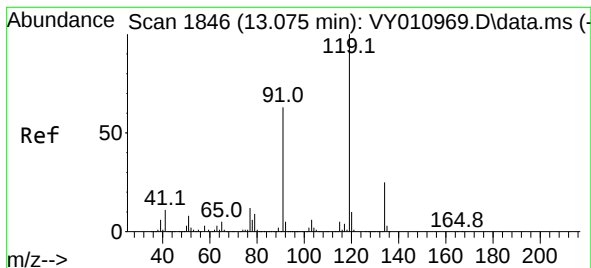
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#82
4-Chlorotoluene
Concen: 20.936 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion: 91 Resp: 193259
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0





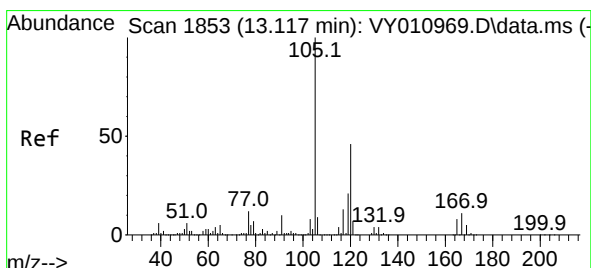
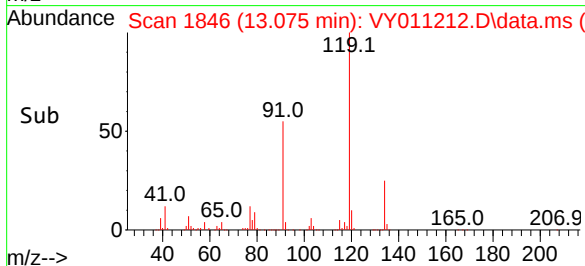
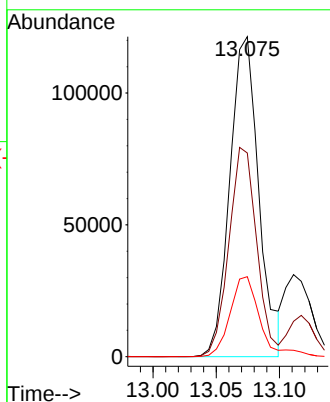
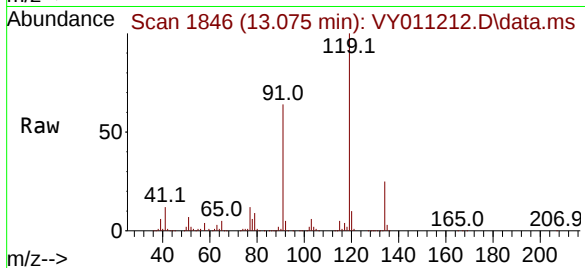
#83
tert-Butylbenzene
Concen: 20.751 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 193728
Ion Ratio Lower Upper
119 100
91 63.0 34.8 104.4
134 25.8 13.3 39.9

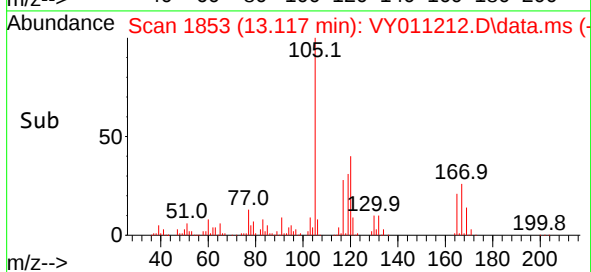
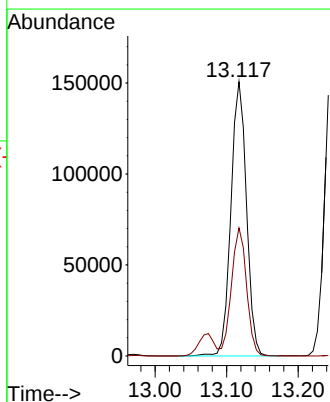
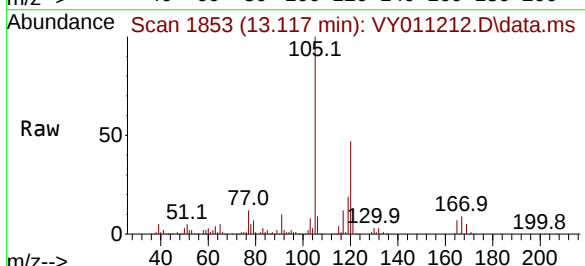
Manual Integrations
APPROVED

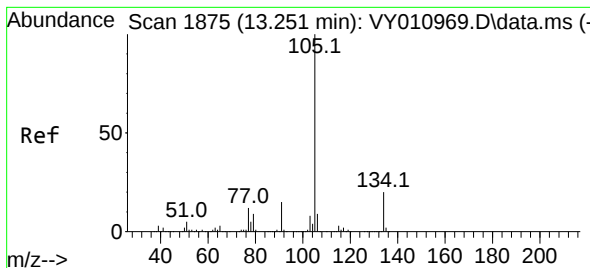
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.329 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion:105 Resp: 227063
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.814 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 29198

Ion Ratio Lower Upper

105 100

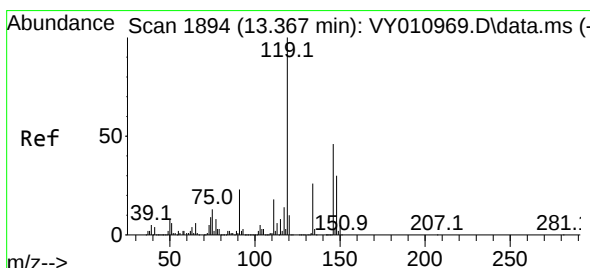
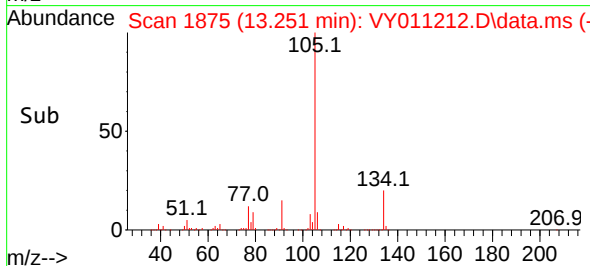
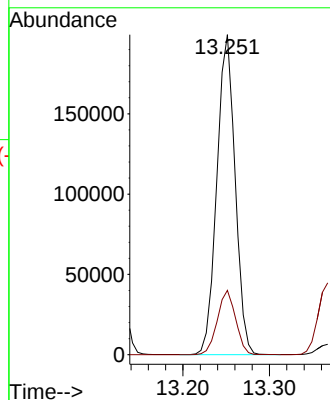
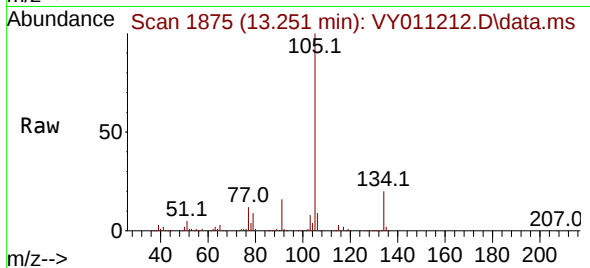
134 20.1 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#86

p-Isopropyltoluene

Concen: 20.768 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

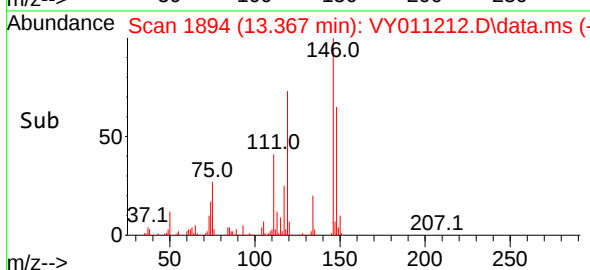
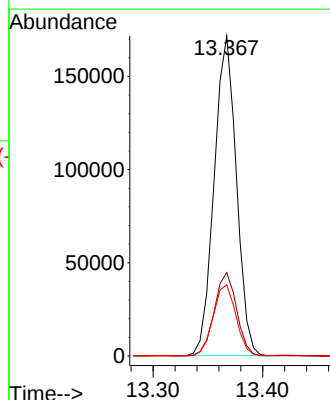
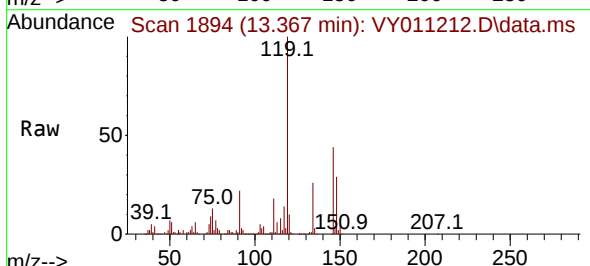
Tgt Ion:119 Resp: 241690

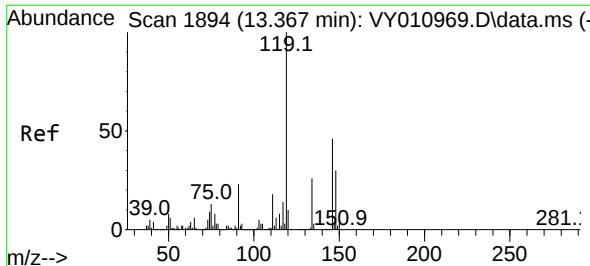
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 22.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.755 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 12528

Ion Ratio Lower Upper

146 100

111 40.7 19.5 58.5

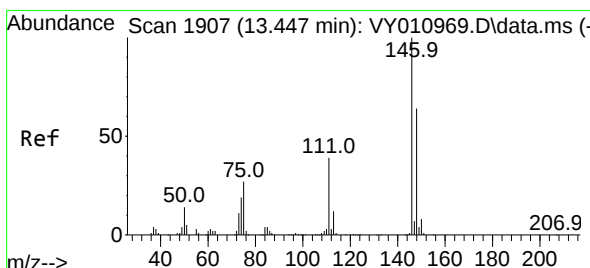
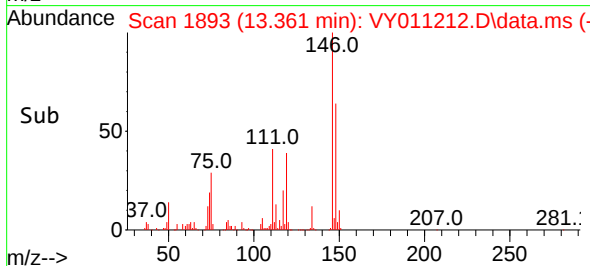
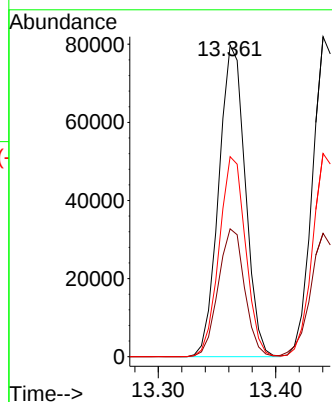
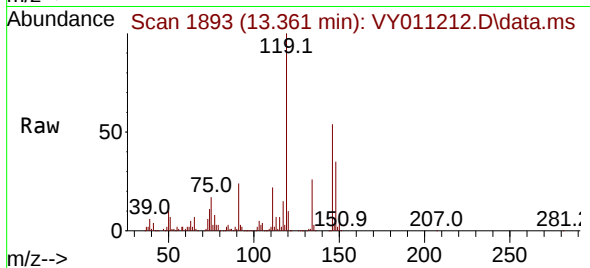
148 64.0 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#88

1,4-Dichlorobenzene

Concen: 20.980 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.007 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

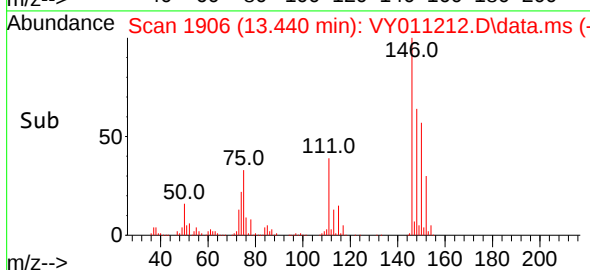
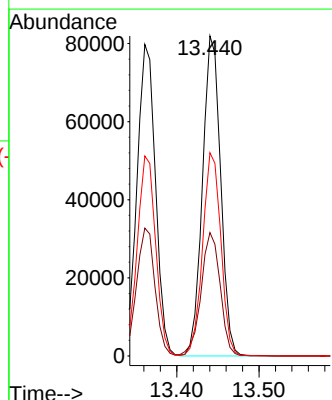
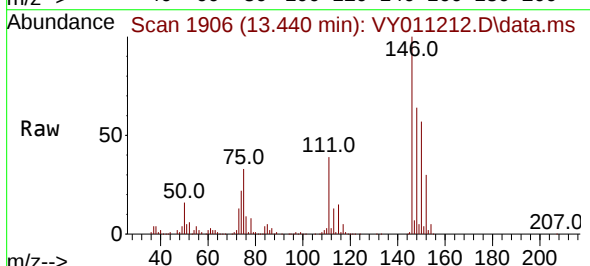
Tgt Ion:146 Resp: 125916

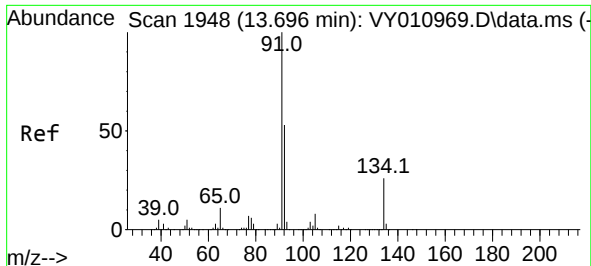
Ion Ratio Lower Upper

146 100

111 40.4 19.3 57.8

148 63.9 32.6 97.8





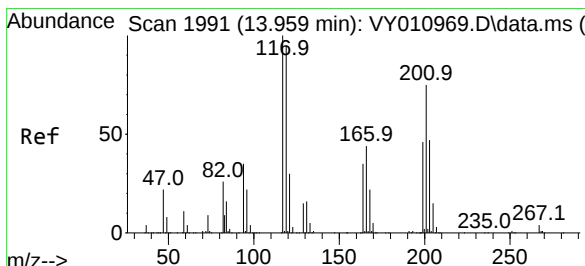
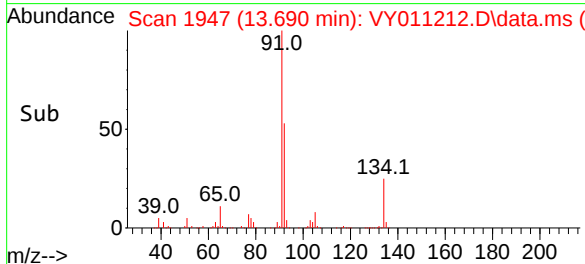
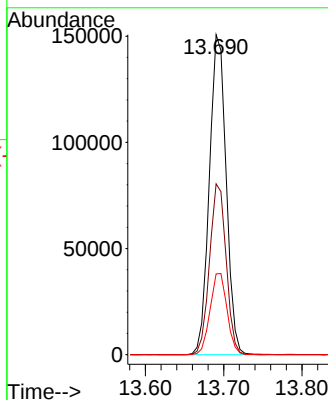
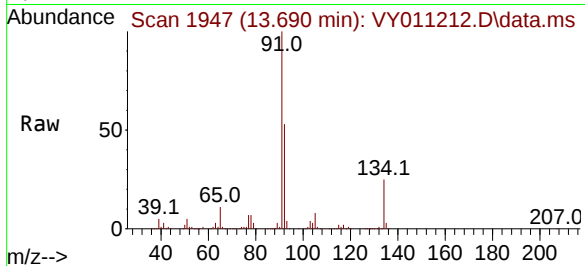
#89
n-Butylbenzene
Concen: 20.642 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 22448
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 25.6 13.0 38.9

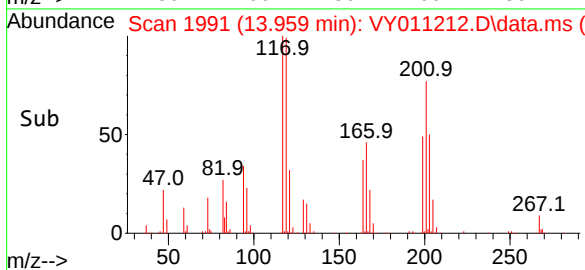
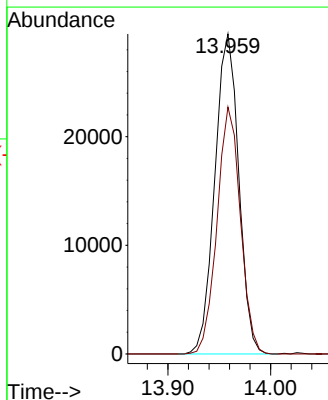
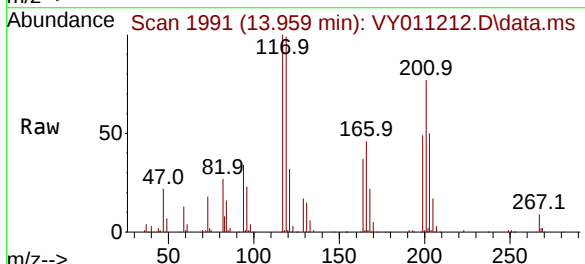
Manual Integrations
APPROVED

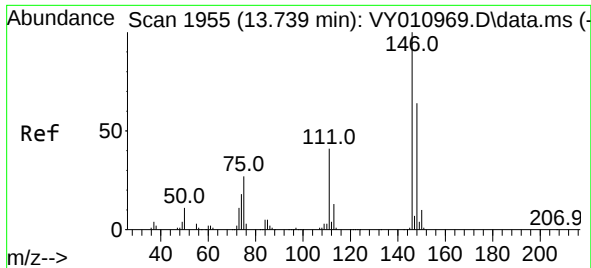
Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#90
Hexachloroethane
Concen: 20.694 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion:117 Resp: 47529
Ion Ratio Lower Upper
117 100
201 75.3 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 20.671 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 11163

Ion Ratio Lower Upper

146 100

111 42.1 20.3 60.9

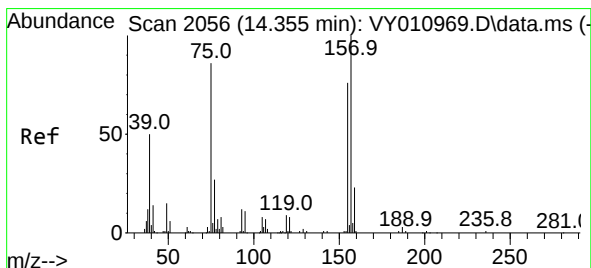
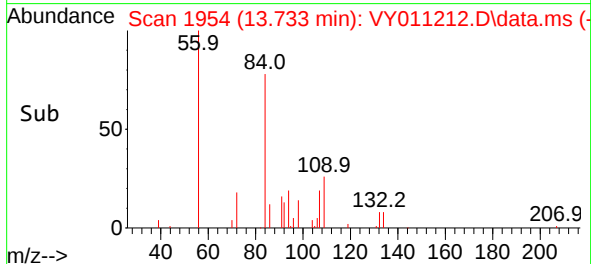
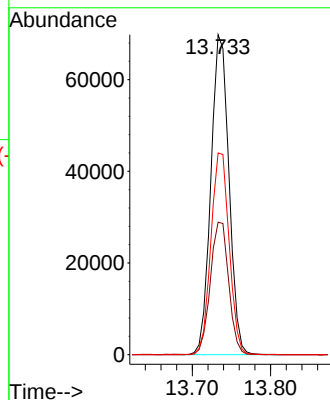
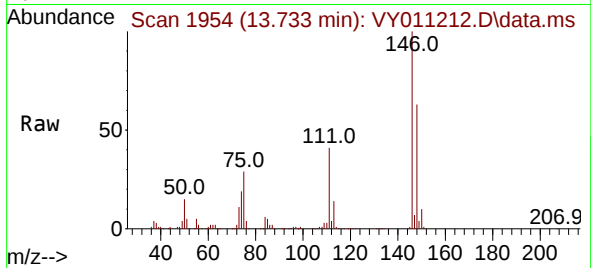
148 63.9 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.197 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

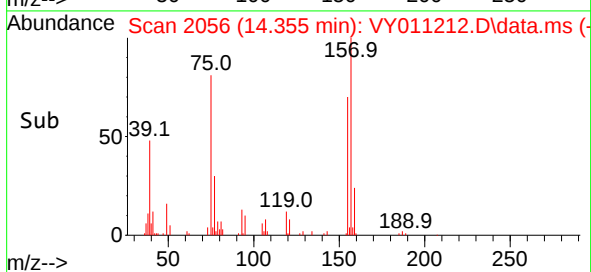
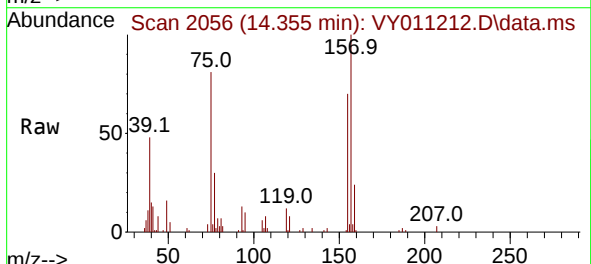
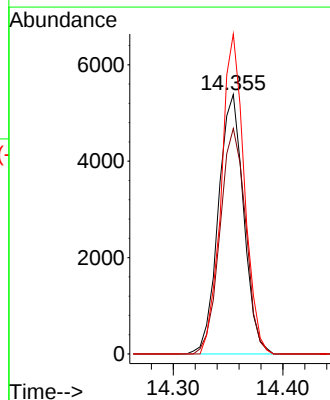
Tgt Ion: 75 Resp: 8619

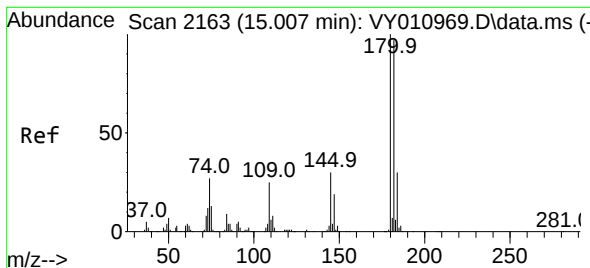
Ion Ratio Lower Upper

75 100

155 87.9 38.0 113.9

157 112.2 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 19.944 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion:180 Resp: 6437

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

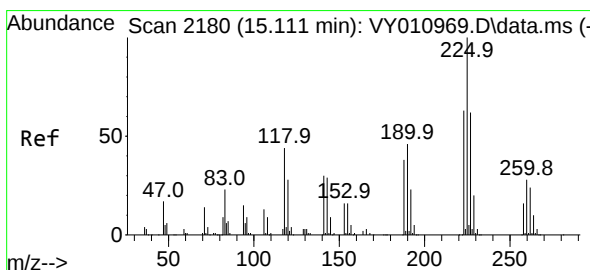
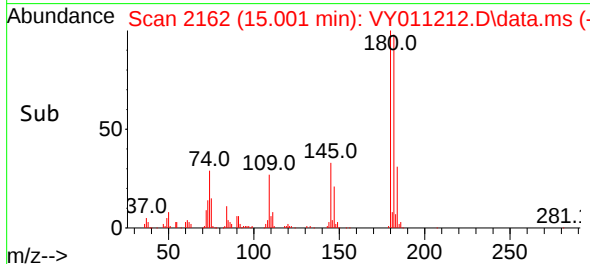
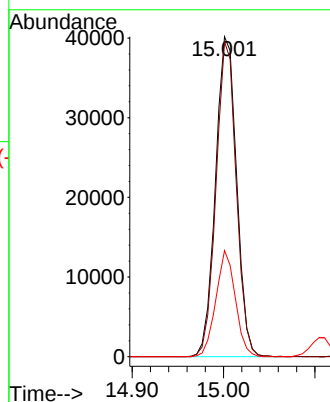
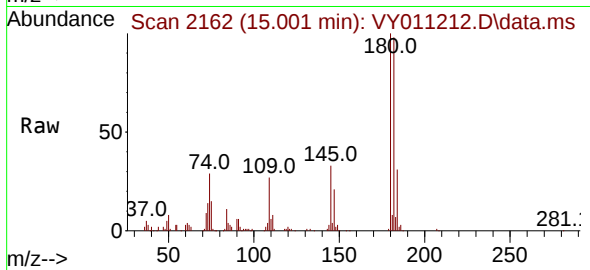
145 30.6 14.6 43.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/02/2022

Supervised By :Mahesh Dadoda 11/02/2022



#94

Hexachlorobutadiene

Concen: 20.444 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY011212.D

Acq: 01 Nov 2022 10:26

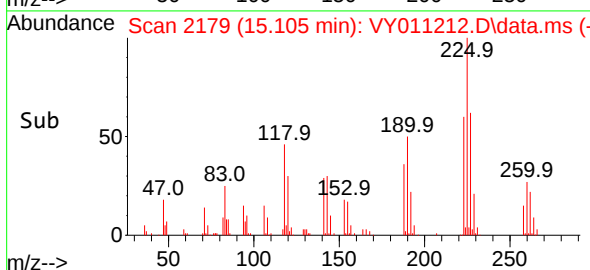
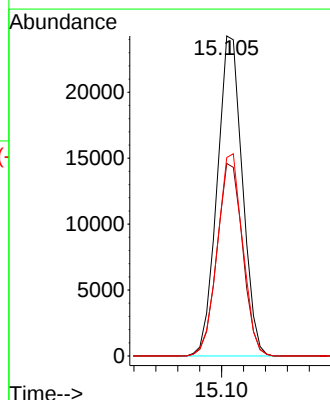
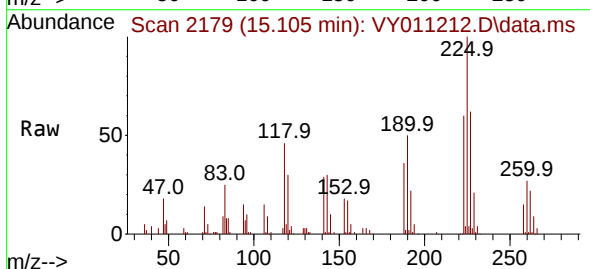
Tgt Ion:225 Resp: 38841

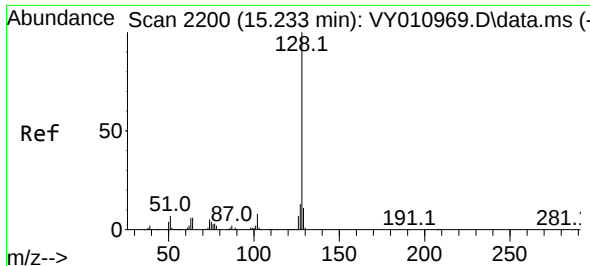
Ion Ratio Lower Upper

225 100

223 61.1 30.8 92.3

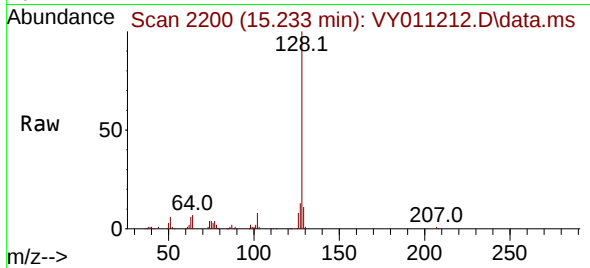
227 63.2 31.6 94.7





#95
Naphthalene
Concen: 18.858 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

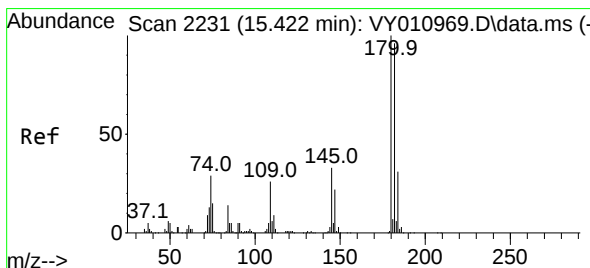
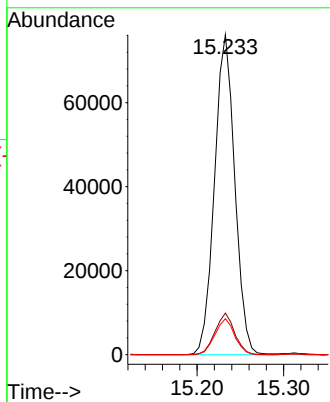
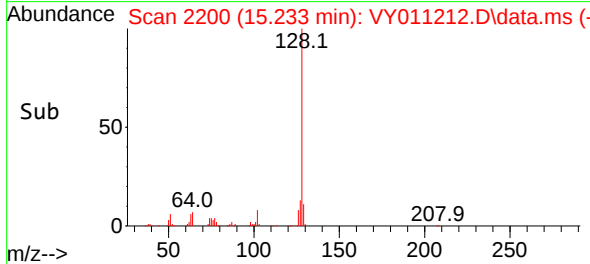
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 123958
Ion Ratio Lower Upper
128 100
127 12.5 11.0 16.4
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/02/2022
Supervised By :Mahesh Dadoda 11/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.694 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY011212.D
Acq: 01 Nov 2022 10:26

Tgt Ion:180 Resp: 55455
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 32.8 15.3 45.9

