

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
 Data File : VY013764.D
 Acq On : 16 May 2023 17:09
 Operator : KP/MD
 Sample : VY0516SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS03

Quant Time: May 17 07:51:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	176986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112082	57.770	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.540%			
35) Dibromofluoromethane	7.716	113	105279	60.192	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.380%			
50) Toluene-d8	10.179	98	341910	54.951	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.900%			
62) 4-Bromofluorobenzene	12.477	95	133103	63.454	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 126.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	36150	21.485	ug/l	96
3) Chloromethane	2.107	50	55090	24.426	ug/l	98
4) Vinyl Chloride	2.247	62	55061	24.519	ug/l	97
5) Bromomethane	2.649	94	52652	29.422	ug/l	100
6) Chloroethane	2.790	64	42194	27.198	ug/l	100
7) Trichlorofluoromethane	3.119	101	79430	23.348	ug/l	100
8) Diethyl Ether	3.527	74	27064	23.362	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	47868	25.085	ug/l	94
10) Methyl Iodide	4.082	142	42870	17.887	ug/l	99
11) Tert butyl alcohol	4.972	59	26024m	119.428	ug/l	
12) 1,1-Dichloroethene	3.869	96	41844	22.749	ug/l	93
13) Acrolein	3.729	56	16226	90.052	ug/l	94
14) Allyl chloride	4.472	41	82297	24.113	ug/l	97
15) Acrylonitrile	5.161	53	80371	123.878	ug/l	99
16) Acetone	3.954	43	86899	113.734	ug/l #	87
17) Carbon Disulfide	4.186	76	119496	20.000	ug/l	99
18) Methyl Acetate	4.478	43	62787	24.881	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	128734	24.242	ug/l	99
20) Methylene Chloride	4.710	84	68977	24.729	ug/l #	81
21) trans-1,2-Dichloroethene	5.210	96	47814	23.775	ug/l	96
22) Diisopropyl ether	6.112	45	178591	26.771	ug/l #	92
23) Vinyl Acetate	6.051	43	520941	137.923	ug/l	95
24) 1,1-Dichloroethane	6.009	63	96286	25.898	ug/l	97
25) 2-Butanone	6.984	43	116875	120.616	ug/l	93
26) 2,2-Dichloropropane	6.978	77	80677	25.182	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	55508	24.980	ug/l	95
28) Bromochloromethane	7.332	49	37370	28.324	ug/l #	77
29) Tetrahydrofuran	7.344	42	73460	121.789	ug/l	89
30) Chloroform	7.502	83	95837	25.926	ug/l	99
31) Cyclohexane	7.777	56	79700	22.944	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	81952	24.844	ug/l	97
36) 1,1-Dichloropropene	7.917	75	69702	24.012	ug/l	97
37) Ethyl Acetate	7.069	43	52515	24.040	ug/l	97
38) Carbon Tetrachloride	7.892	117	72408	23.799	ug/l	98
39) Methylcyclohexane	9.179	83	78086	22.818	ug/l	96
40) Benzene	8.155	78	203667	24.908	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	30825m	30.282	ug/l	
42) 1,2-Dichloroethane	8.234	62	66858	25.010	ug/l	99
43) Isopropyl Acetate	8.264	43	91078	24.702	ug/l	97
44) Trichloroethene	8.935	130	52226	24.012	ug/l	88
45) 1,2-Dichloropropane	9.209	63	56995	26.659	ug/l	99
46) Dibromomethane	9.301	93	32422	25.345	ug/l	91
47) Bromodichloromethane	9.490	83	75659	26.432	ug/l	94
48) Methyl methacrylate	9.289	41	41164	24.309	ug/l	94
49) 1,4-Dioxane	9.307	88	8221	449.977	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	257989	125.565	ug/l	95
52) Toluene	10.240	92	124587	25.320	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	75047	24.773	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	85676	25.134	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	42522	25.101	ug/l	98
56) Ethyl methacrylate	10.508	69	59301	25.232	ug/l	90
57) 1,3-Dichloropropane	10.788	76	73322	25.556	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	116656	132.368	ug/l	91
59) 2-Hexanone	10.831	43	185910	124.475	ug/l	95
60) Dibromochloromethane	10.977	129	52243	25.398	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41888	25.150	ug/l	96
64) Tetrachloroethene	10.715	164	44856	23.754	ug/l	97
65) Chlorobenzene	11.514	112	132719	24.533	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	50773	25.095	ug/l	98
67) Ethyl Benzene	11.587	91	235273	24.767	ug/l	98
68) m/p-Xylenes	11.697	106	179176	49.615	ug/l	96
69) o-Xylene	12.026	106	85202	24.947	ug/l	96
70) Styrene	12.038	104	143620	25.150	ug/l	99
71) Bromoform	12.203	173	35728	25.211	ug/l #	99
73) Isopropylbenzene	12.325	105	225271	22.429	ug/l	99
74) N-amyl acetate	12.142	43	80724	22.585	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	56306	22.935	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	37886m	21.155	ug/l	
77) Bromobenzene	12.605	156	53836	22.121	ug/l	85
78) n-propylbenzene	12.666	91	286666	23.172	ug/l	96
79) 2-Chlorotoluene	12.751	91	159282	23.056	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	189910	23.166	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	18117	20.694	ug/l	92
82) 4-Chlorotoluene	12.849	91	166865	23.174	ug/l	99
83) tert-Butylbenzene	13.074	119	162194	22.837	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	186459	23.395	ug/l	98
85) sec-Butylbenzene	13.251	105	247757	23.243	ug/l	99
86) p-Isopropyltoluene	13.367	119	203263	23.713	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	108924	23.492	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	110750	23.646	ug/l	100
89) n-Butylbenzene	13.696	91	200486	23.964	ug/l	96
90) Hexachloroethane	13.958	117	42204	23.394	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	99727	23.819	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9206	21.232	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	59102	23.676	ug/l	98
94) Hexachlorobutadiene	15.111	225	36163	24.892	ug/l	99
95) Naphthalene	15.233	128	123300	22.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	53333	23.971	ug/l	99

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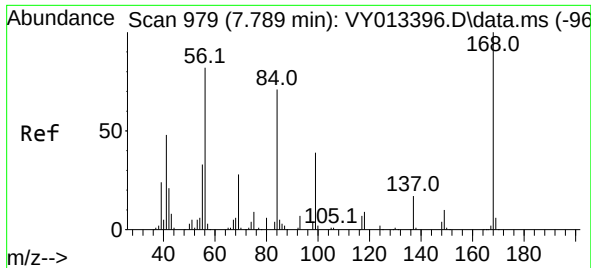
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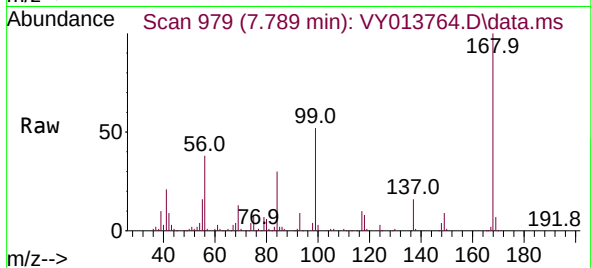
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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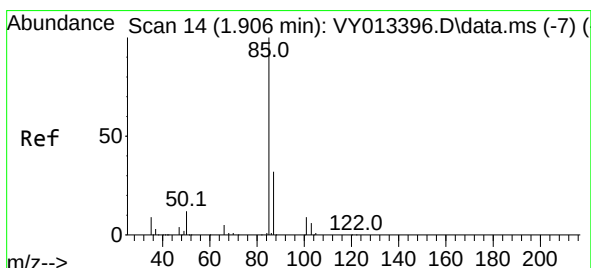
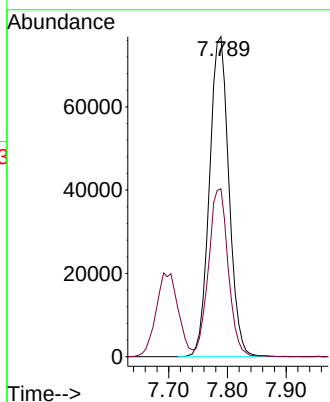
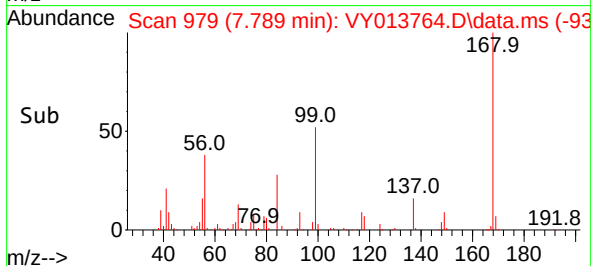
Instrument :
MSVOA_Y
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VY0516SBS03



Tgt Ion:168 Resp: 176980
Ion Ratio Lower Upper
168 100
99 52.4 41.8 62.6

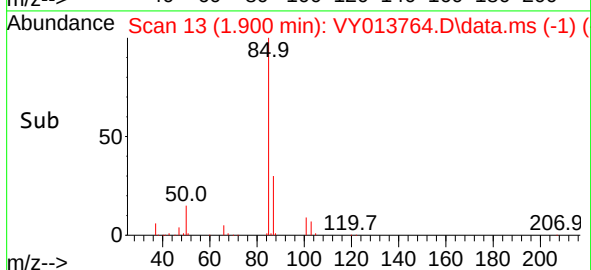
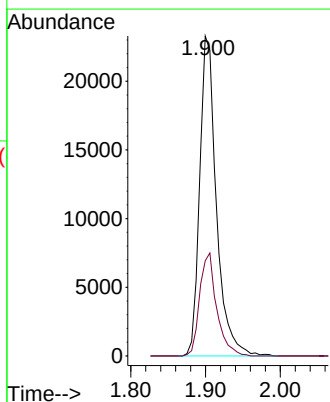
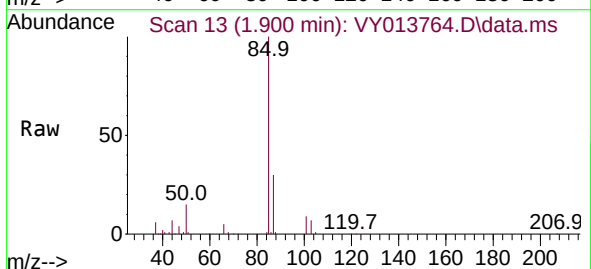
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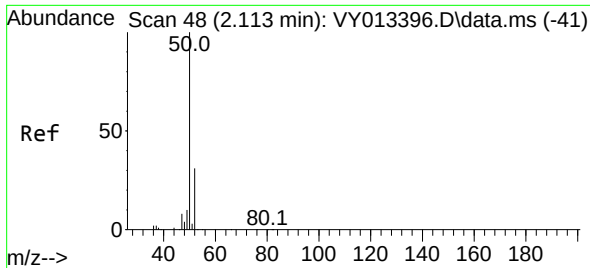
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#2
Dichlorodifluoromethane
Concen: 21.485 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

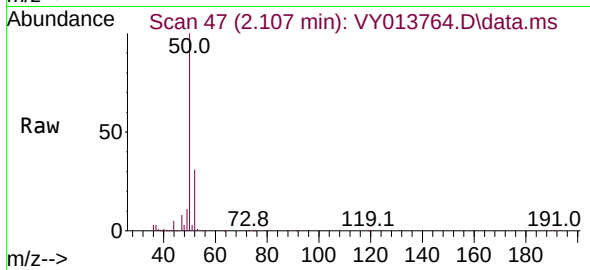
Tgt Ion: 85 Resp: 36150
Ion Ratio Lower Upper
85 100
87 29.8 16.1 48.2





#3
Chloromethane
Concen: 24.426 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

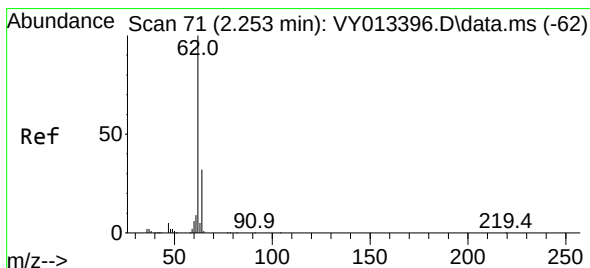
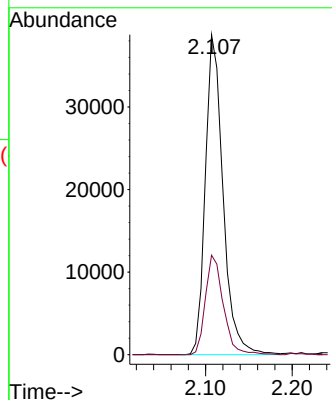
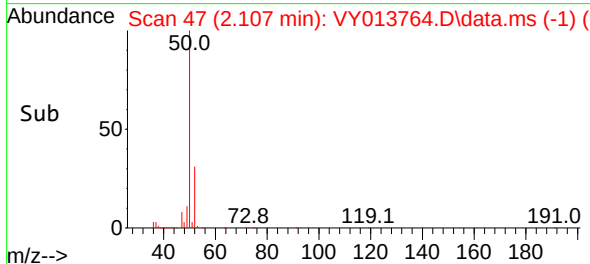
Instrument :
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Tgt Ion: 50 Resp: 55090
Ion Ratio Lower Upper
50 100
52 31.1 25.9 38.9

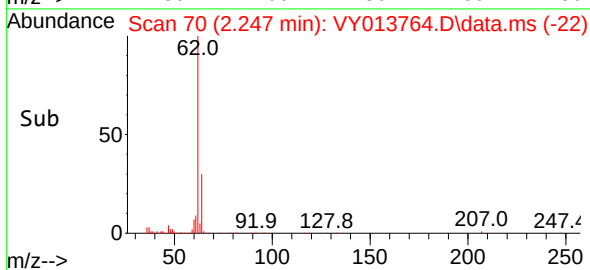
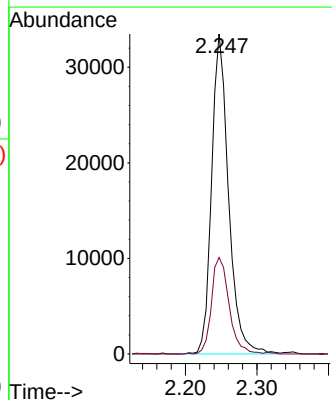
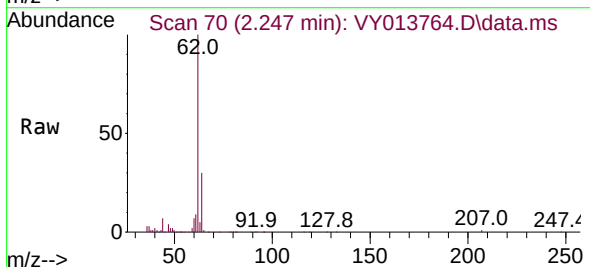
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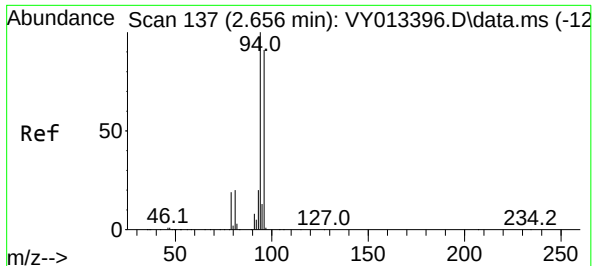
Reviewed By :Krupa Patel 05/17/2023
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#4
Vinyl Chloride
Concen: 24.519 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013764.D
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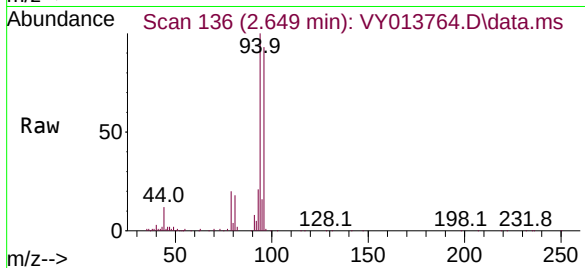
Tgt Ion: 62 Resp: 55061
Ion Ratio Lower Upper
62 100
64 30.1 25.4 38.0





#5
Bromomethane
Concen: 29.422 ug/l
RT: 2.649 min Scan# 111
Delta R.T. -0.007 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

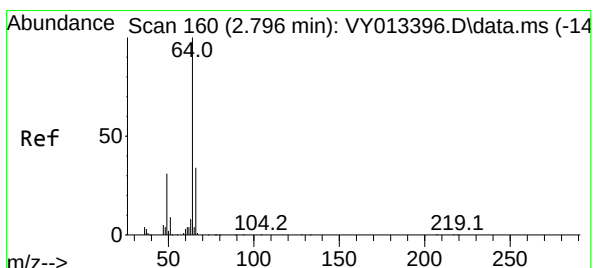
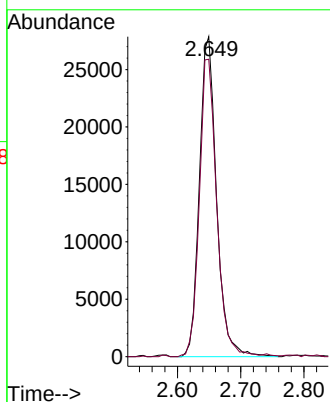
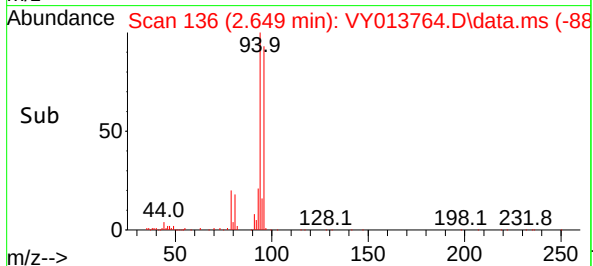
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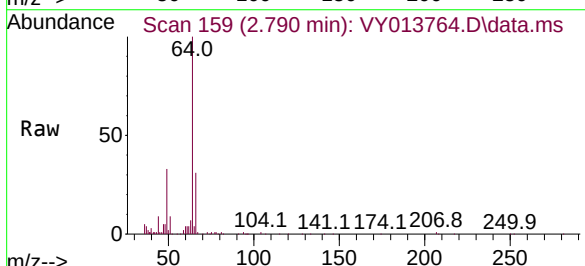
Tgt Ion: 94 Resp: 52652
Ion Ratio Lower Upper
94 100
96 93.0 74.2 111.2

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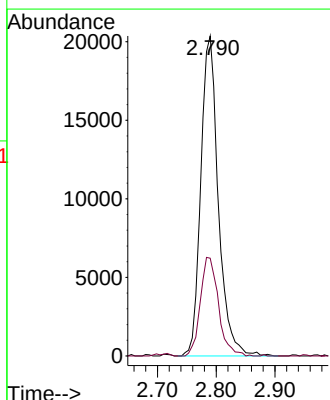
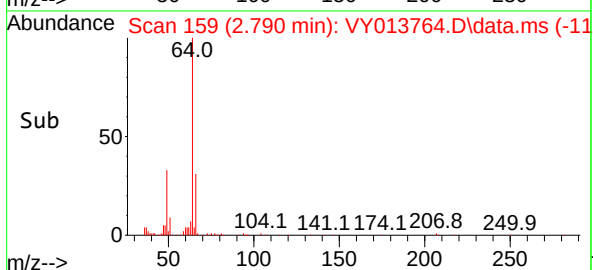
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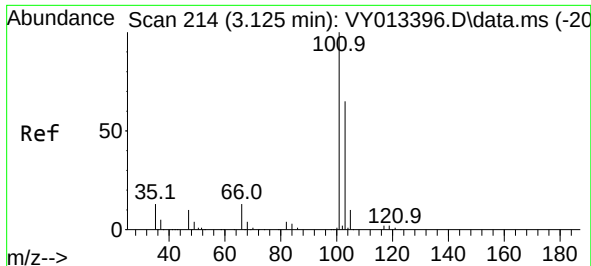


#6
Chloroethane
Concen: 27.198 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09



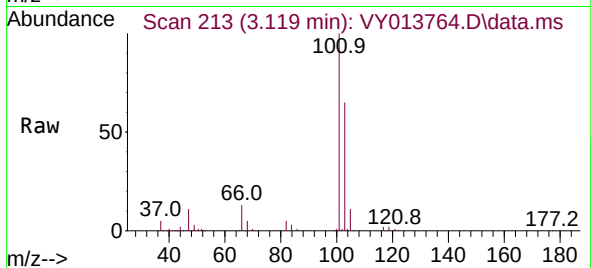
Tgt Ion: 64 Resp: 42194
Ion Ratio Lower Upper
64 100
66 30.6 24.6 37.0





#7
Trichlorofluoromethane
Concen: 23.348 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013764.D
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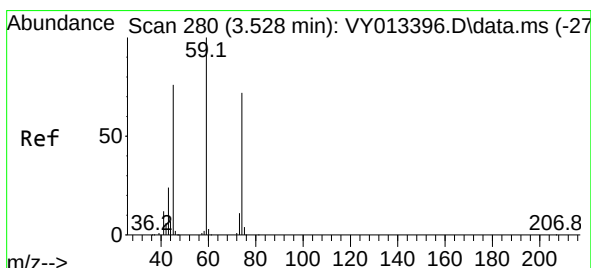
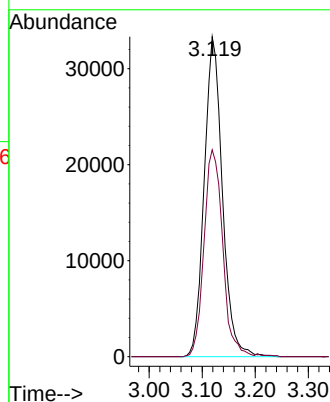
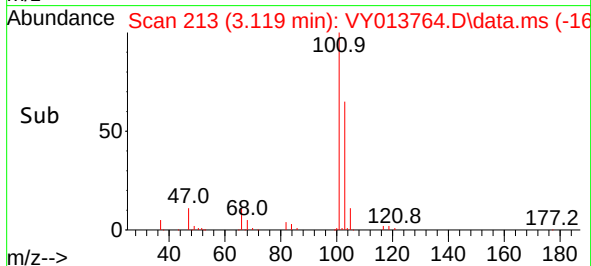
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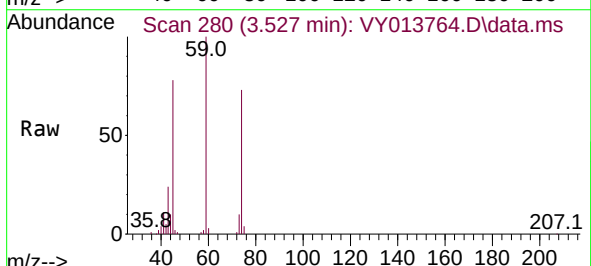
Tgt Ion:101 Resp: 79430
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

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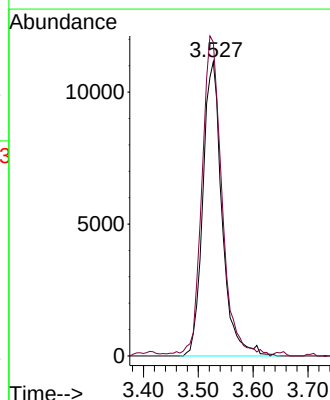
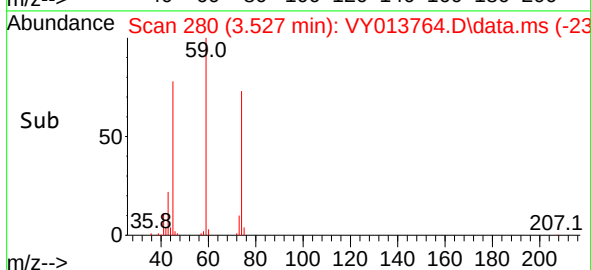
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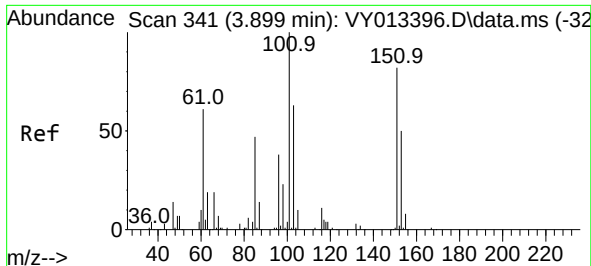


#8
Diethyl Ether
Concen: 23.362 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 27064
Ion Ratio Lower Upper
74 100
45 114.1 48.2 144.6





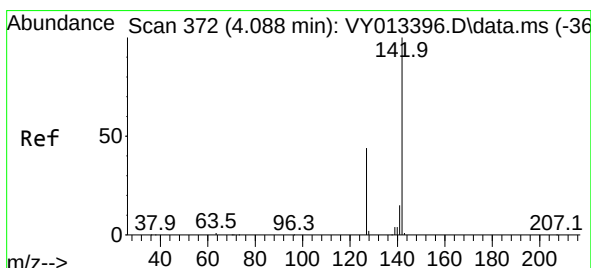
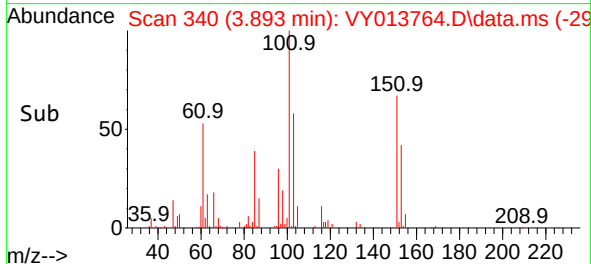
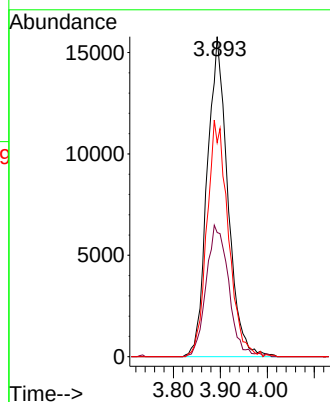
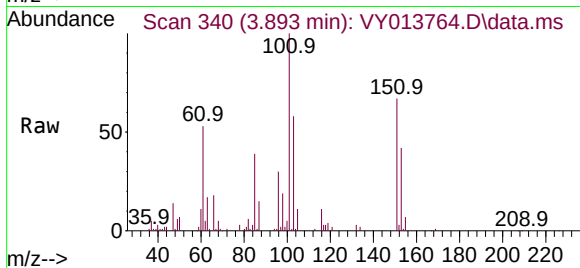
#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.085 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion:101 Resp: 4786
Ion Ratio Lower Upper
101 100
85 44.9 35.6 53.4
151 76.9 68.0 102.0

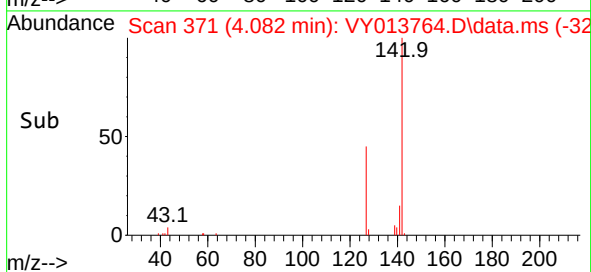
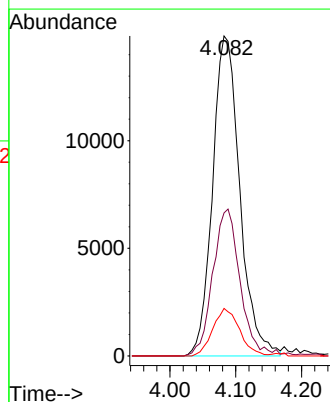
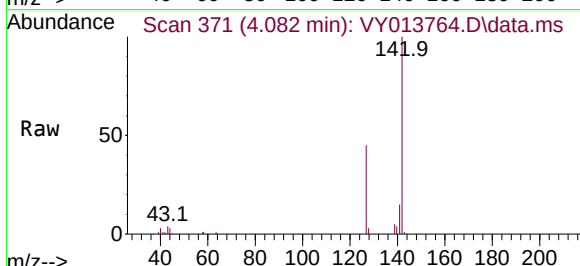
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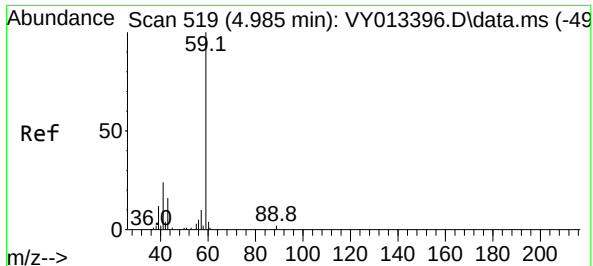
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#10
Methyl Iodide
Concen: 17.887 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion:142 Resp: 42870
Ion Ratio Lower Upper
142 100
127 46.2 36.1 54.1
141 14.6 11.6 17.4





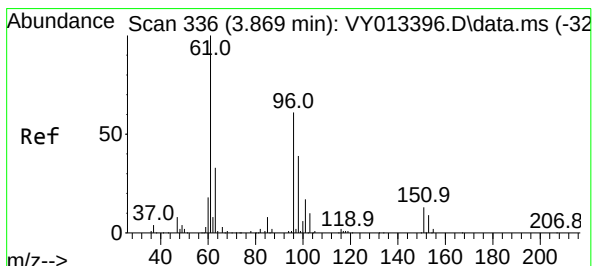
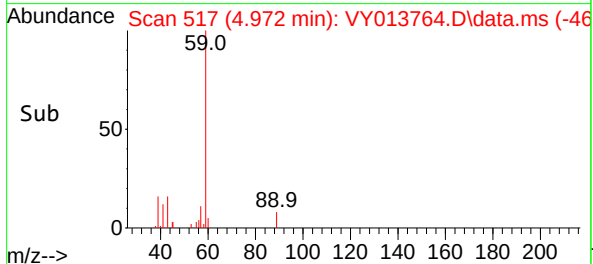
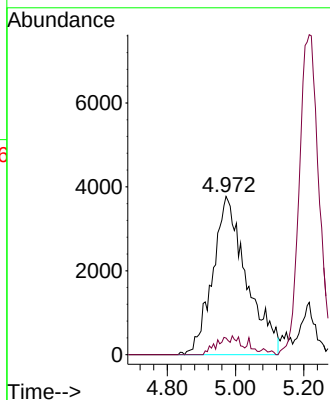
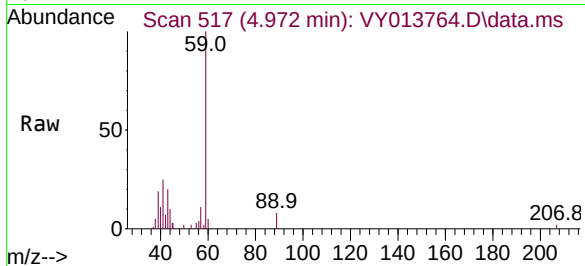
#11
Tert butyl alcohol
Concen: 119.428 ug/l m
RT: 4.972 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion: 59 Resp: 26024
Ion Ratio Lower Upper
59 100
57 4.6 3.0 4.4

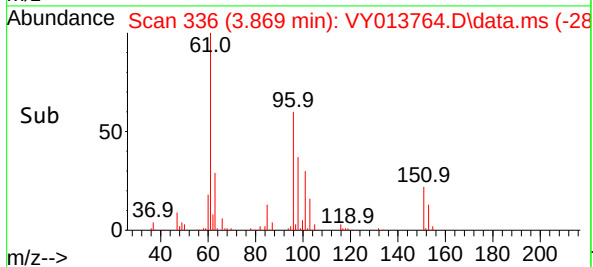
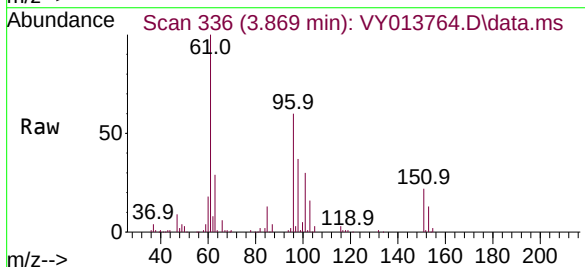
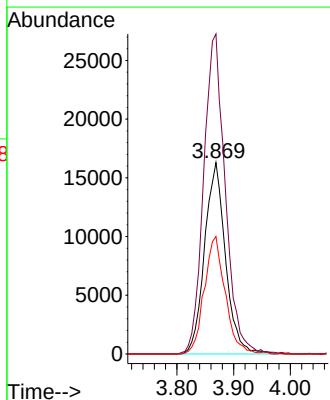
Manual Integrations
APPROVED

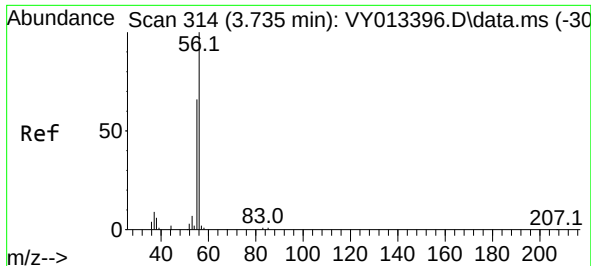
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#12
1,1-Dichloroethene
Concen: 22.749 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion: 96 Resp: 41844
Ion Ratio Lower Upper
96 100
61 167.3 123.9 185.9
98 61.4 48.9 73.3





#13

Acrolein

Concen: 90.052 ug/l

RT: 3.729 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03

Tgt Ion: 56 Resp: 16220

Ion Ratio Lower Upper

56 100

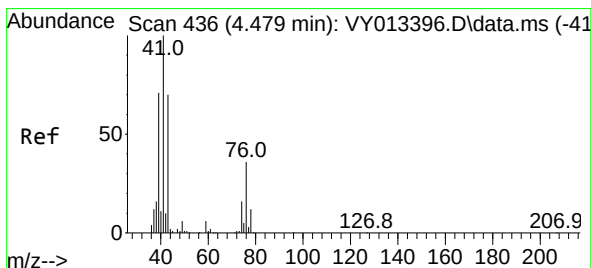
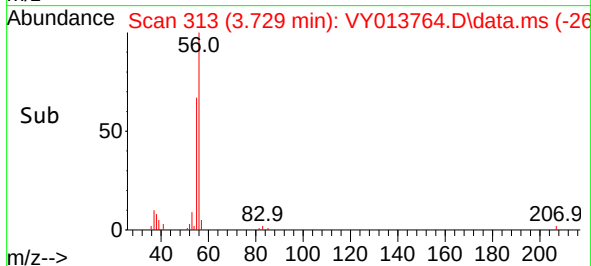
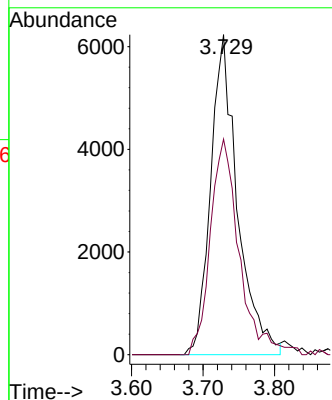
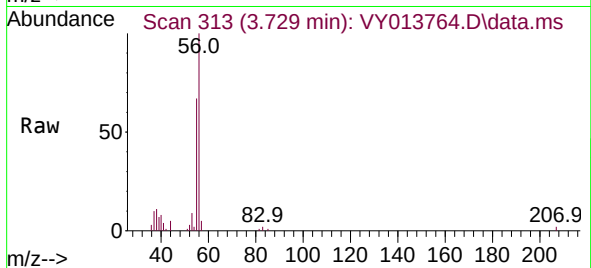
55 72.7 54.1 81.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#14

Allyl chloride

Concen: 24.113 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

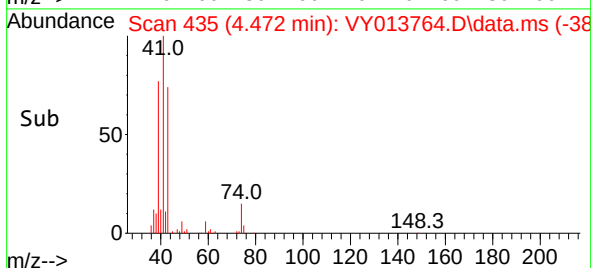
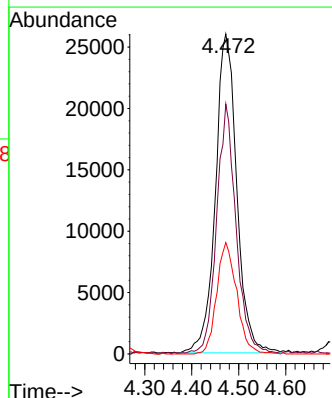
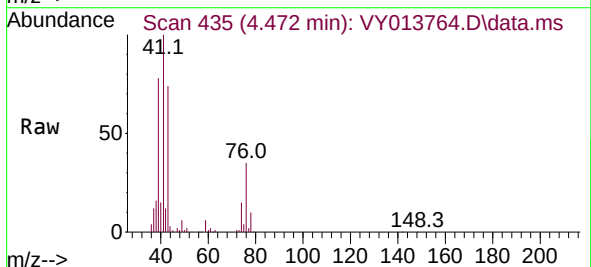
Tgt Ion: 41 Resp: 82297

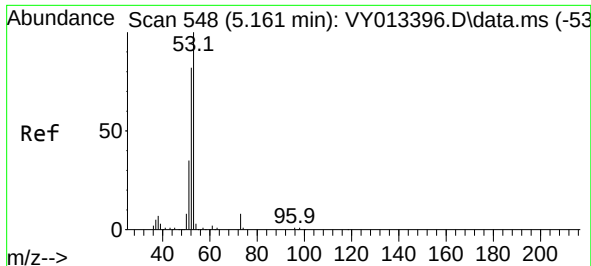
Ion Ratio Lower Upper

41 100

39 70.3 56.6 85.0

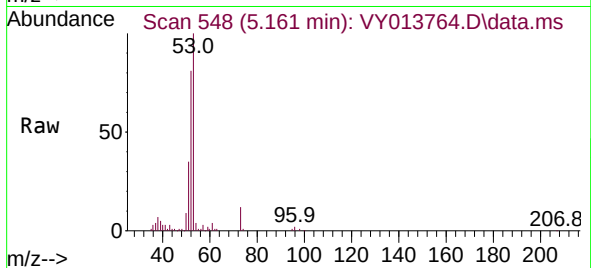
76 32.7 30.5 45.7





#15
Acrylonitrile
Concen: 123.878 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

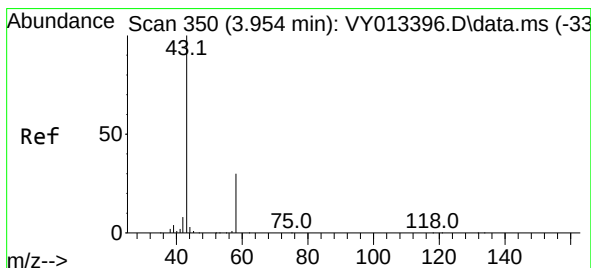
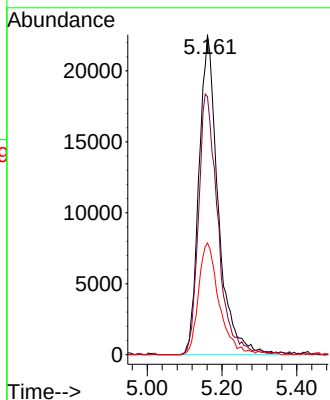
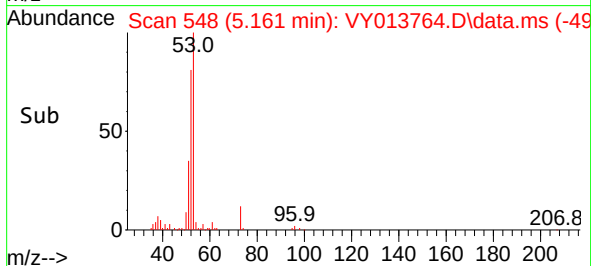
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03



Tgt Ion: 53 Resp: 8037
Ion Ratio Lower Upper
53 100
52 82.7 65.4 98.0
51 37.3 29.3 43.9

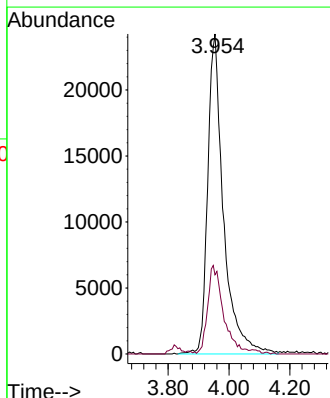
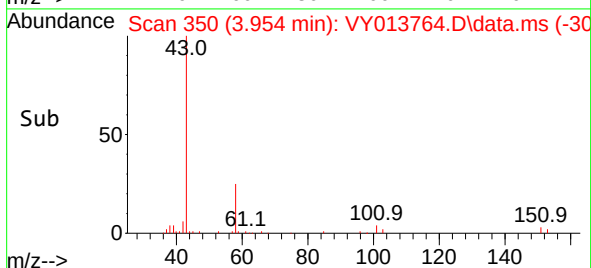
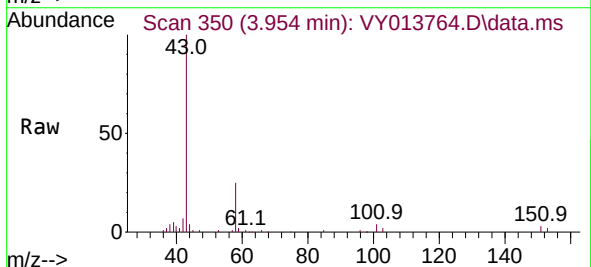
Manual Integrations
APPROVED

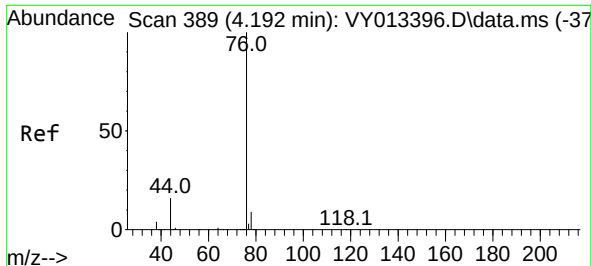
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#16
Acetone
Concen: 113.734 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion: 43 Resp: 86899
Ion Ratio Lower Upper
43 100
58 24.8 25.4 38.0#





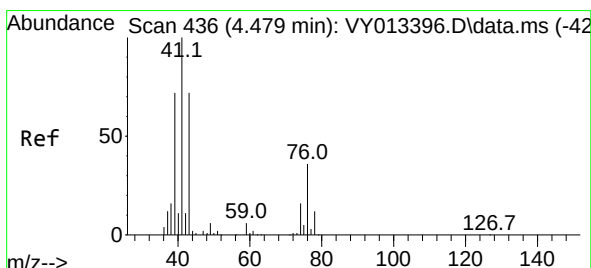
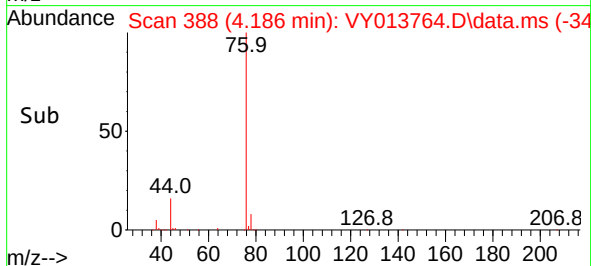
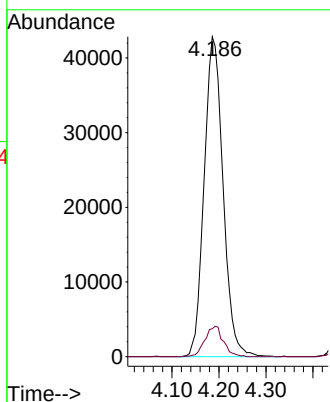
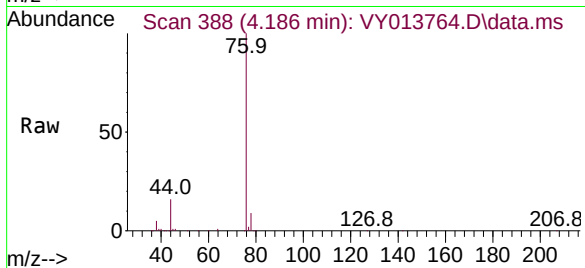
#17
Carbon Disulfide
Concen: 20.000 ug/l
RT: 4.186 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion: 76 Resp: 119490
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

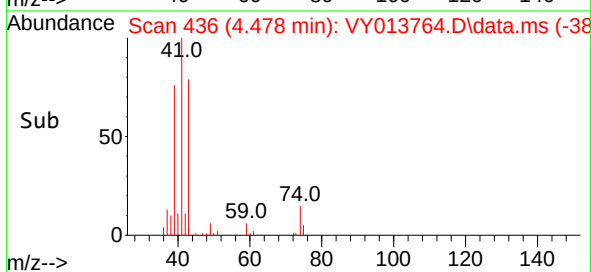
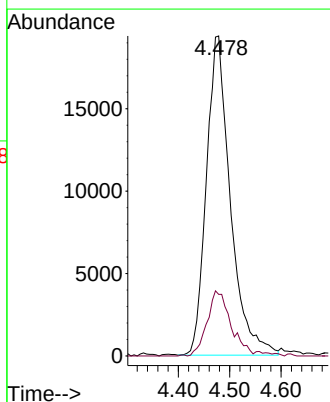
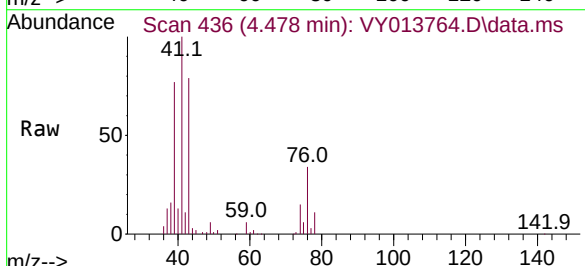
Manual Integrations
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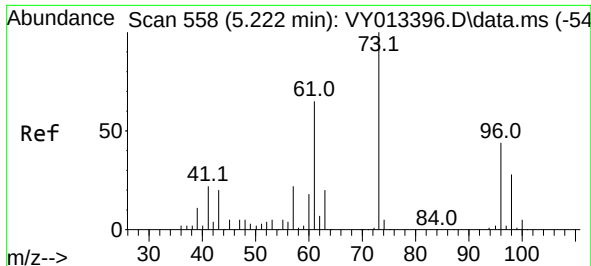
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#18
Methyl Acetate
Concen: 24.881 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion: 43 Resp: 62787
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 24.242 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03

Tgt Ion: 73 Resp: 128734

Ion Ratio Lower Upper

73 100

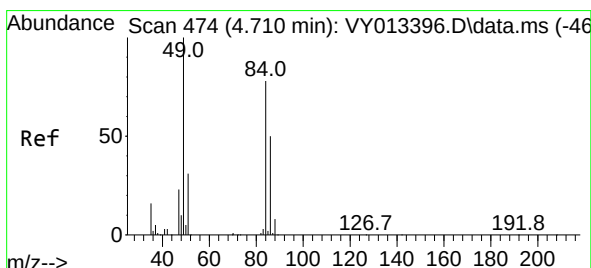
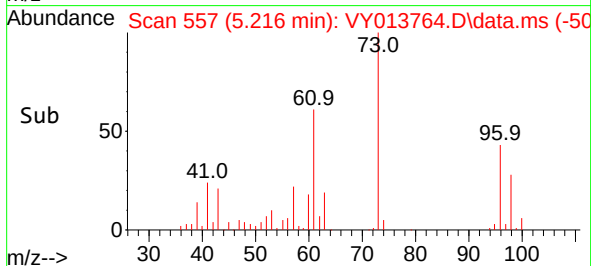
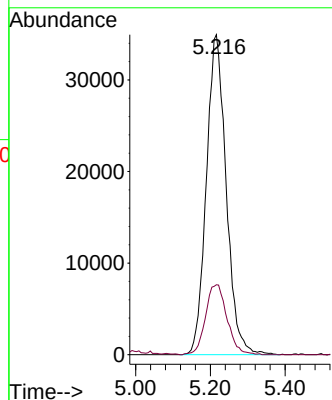
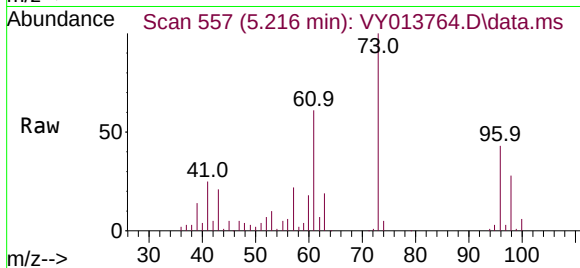
57 21.8 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#20

Methylene Chloride

Concen: 24.729 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Tgt Ion: 84 Resp: 68977

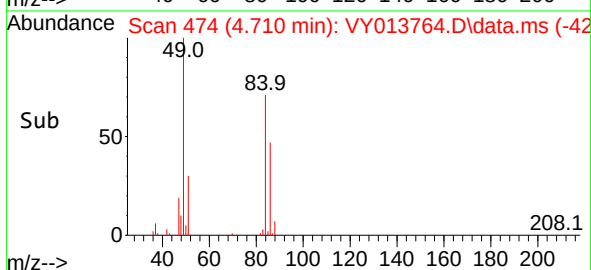
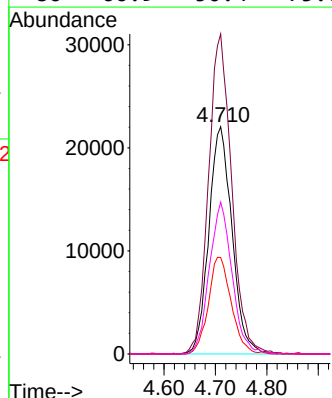
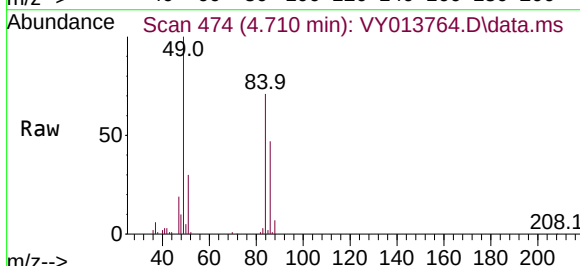
Ion Ratio Lower Upper

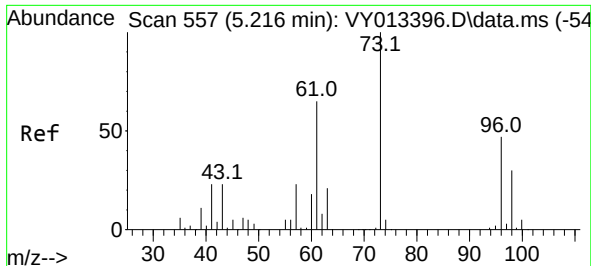
84 100

49 140.8 88.0 132.0#

51 42.5 27.4 41.0#

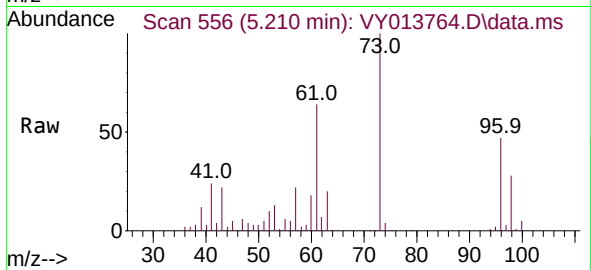
86 66.9 50.4 75.6





#21
trans-1,2-Dichloroethene
Concen: 23.775 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

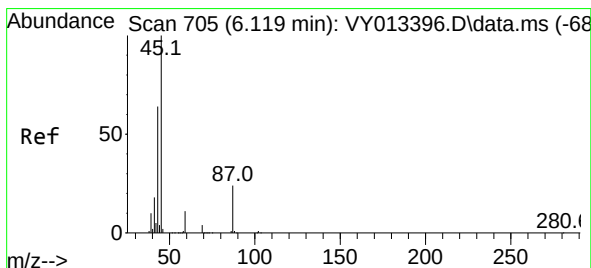
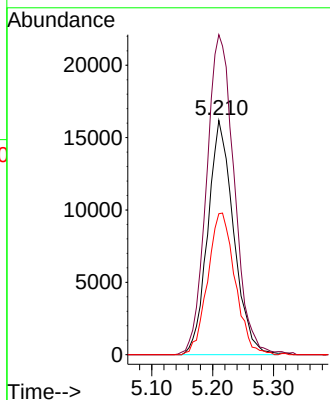
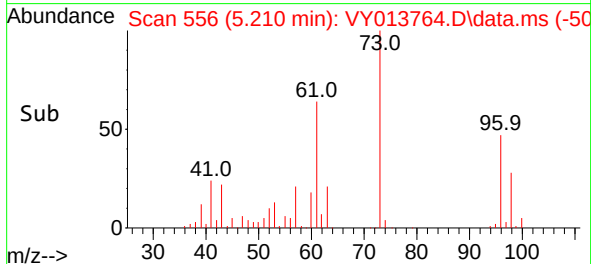
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03



Tgt Ion: 96 Resp: 47814
Ion Ratio Lower Upper
96 100
61 136.3 110.6 165.8
98 60.2 53.1 79.7

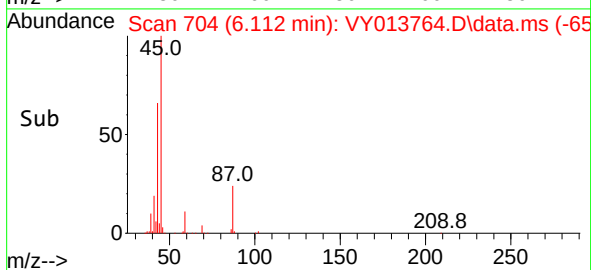
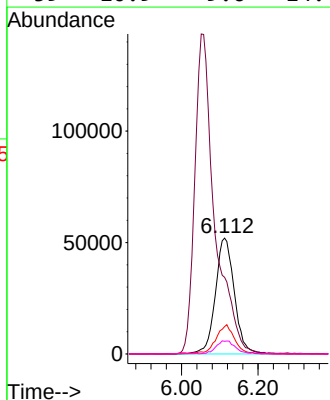
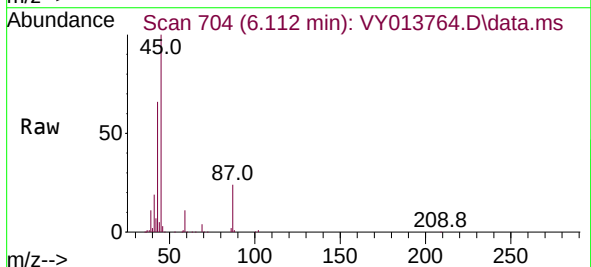
Manual Integrations
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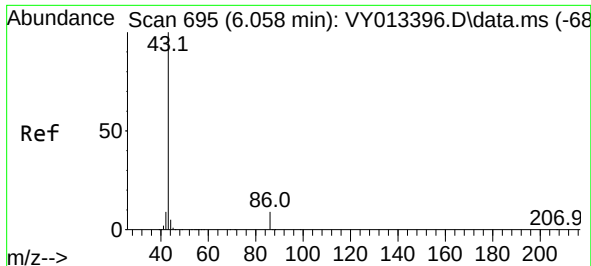
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#22
Diisopropyl ether
Concen: 26.771 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

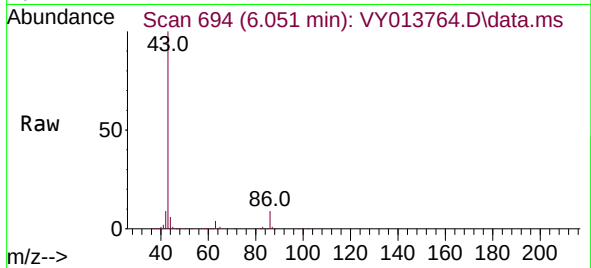
Tgt Ion: 45 Resp: 178591
Ion Ratio Lower Upper
45 100
43 65.7 48.4 72.6
87 23.6 23.8 35.6#
59 10.9 9.6 14.4





#23
 Vinyl Acetate
 Concen: 137.923 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY013764.D
 Acq: 16 May 2023 17:09

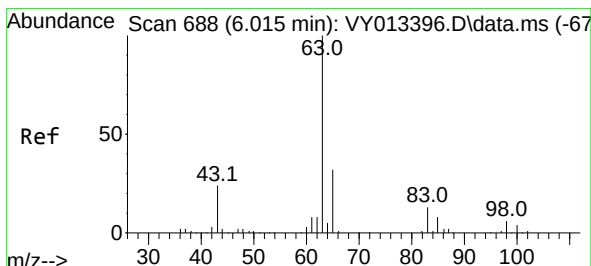
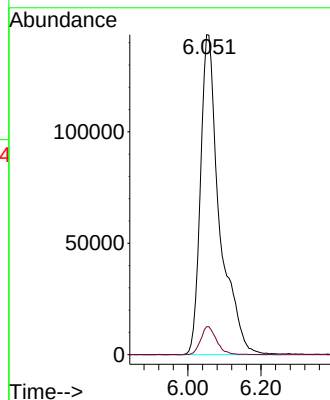
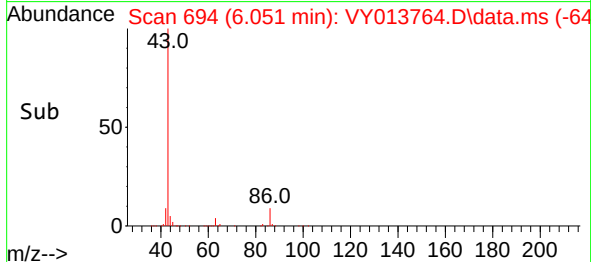
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS03



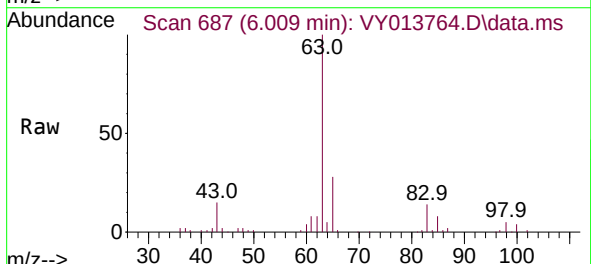
Tgt Ion: 43 Resp: 52094
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

Manual Integrations
 APPROVED

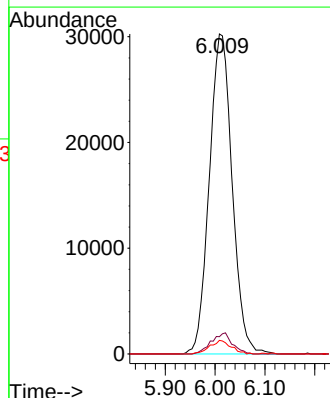
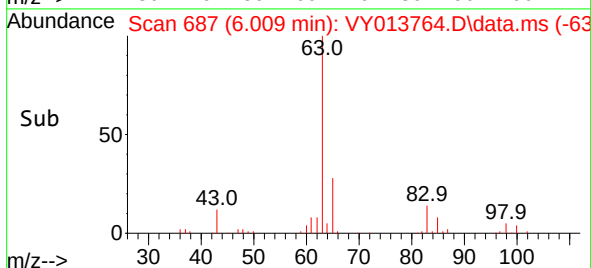
Reviewed By :Krupa Patel 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

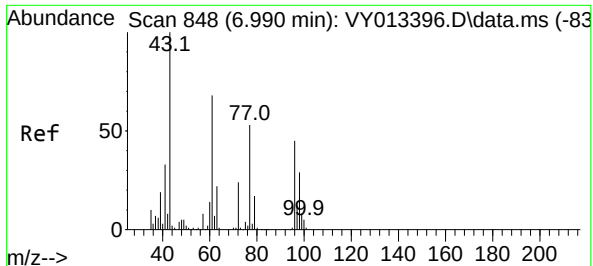


#24
 1,1-Dichloroethane
 Concen: 25.898 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013764.D
 Acq: 16 May 2023 17:09



Tgt Ion: 63 Resp: 96286
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.5 10.6
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 120.616 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03

Tgt Ion: 43 Resp: 11687

Ion Ratio Lower Upper

43 100

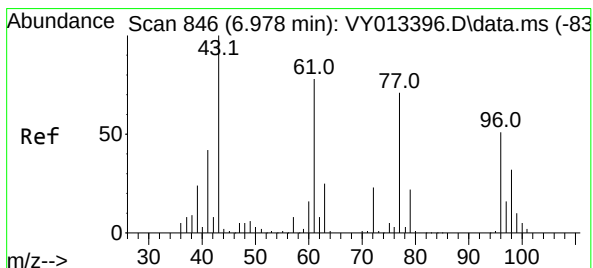
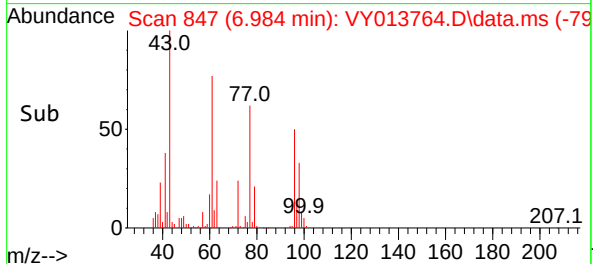
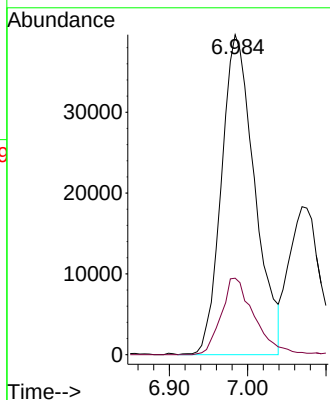
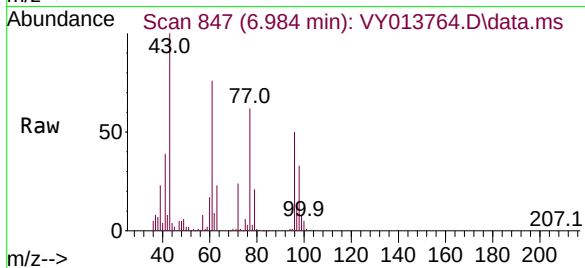
72 23.9 21.9 32.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#26

2,2-Dichloropropane

Concen: 25.182 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY013764.D

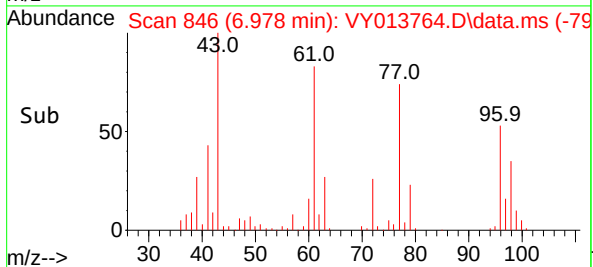
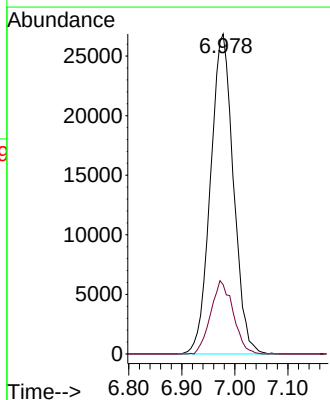
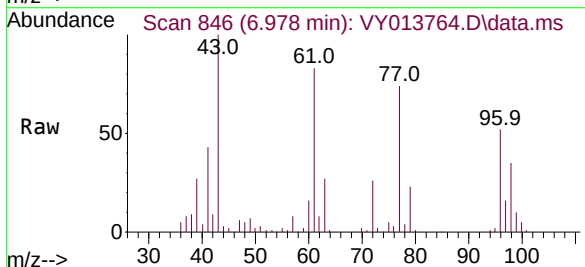
Acq: 16 May 2023 17:09

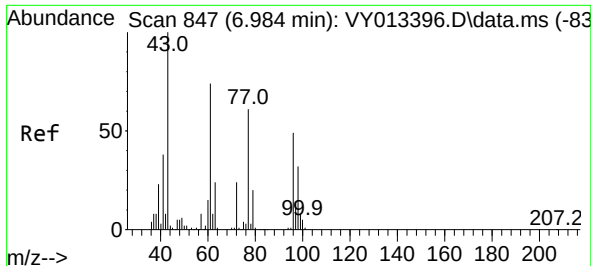
Tgt Ion: 77 Resp: 80677

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 24.980 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03

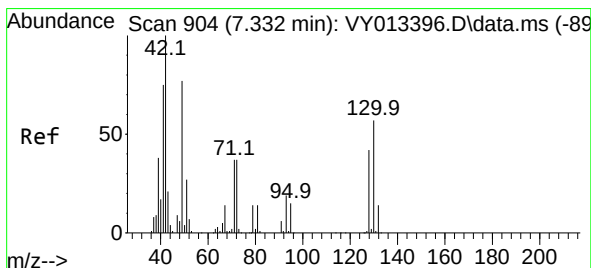
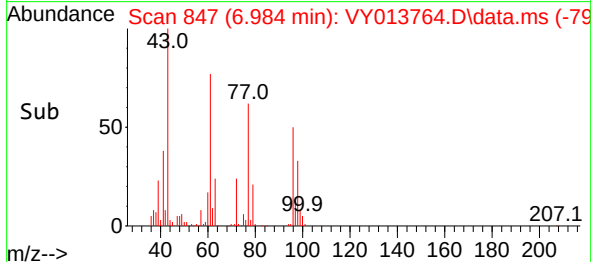
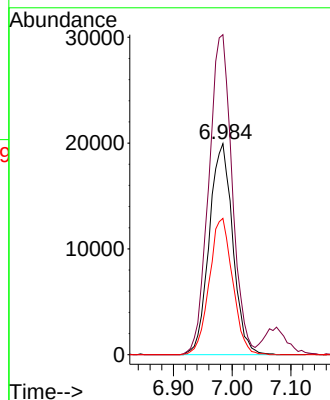
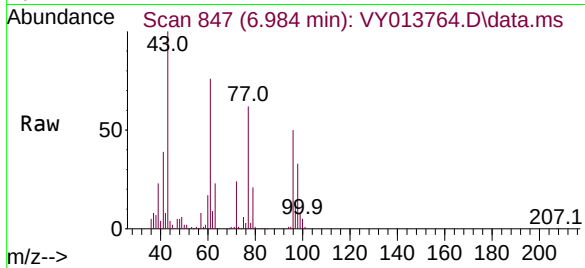
Tgt Ion:	96	Resp:	55508
Ion Ratio	Lower	Upper	
96	100		
61	150.7	0.0	285.0
98	64.1	0.0	130.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#28

Bromochloromethane

Concen: 28.324 ug/l

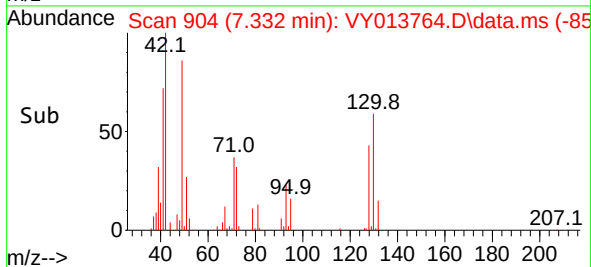
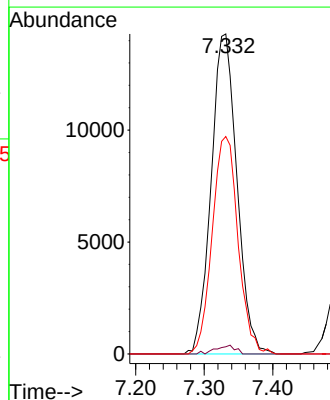
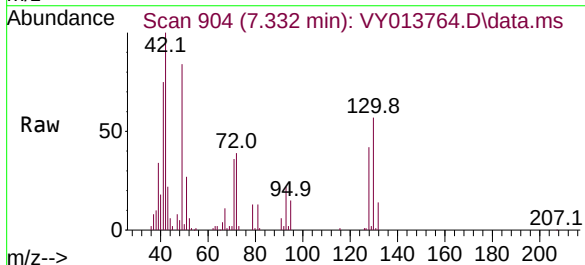
RT: 7.332 min Scan# 904

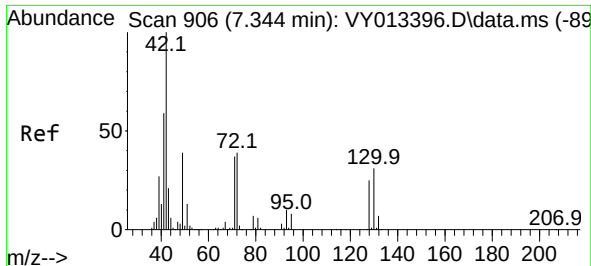
Delta R.T. -0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Tgt Ion:	49	Resp:	37370
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	5.2
130	68.0	72.1	108.1





#29

Tetrahydrofuran

Concen: 121.789 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013764.D

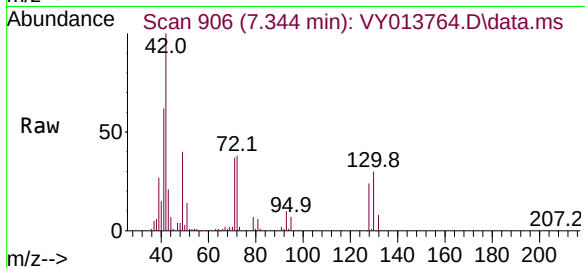
Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03



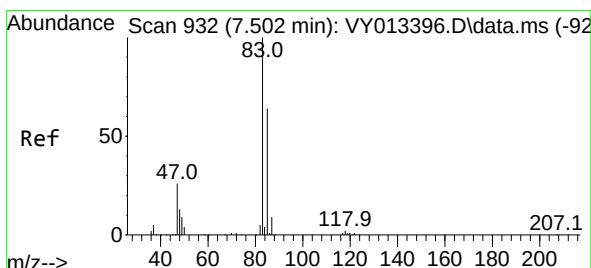
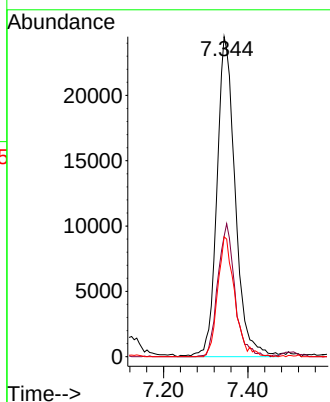
Tgt Ion:	42	Ratio	100	Lower	Upper
42	100				
72	38.7		35.9	53.9	
71	34.7		34.3	51.5	

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#30

Chloroform

Concen: 25.926 ug/l

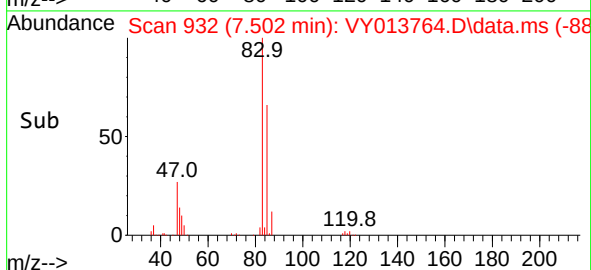
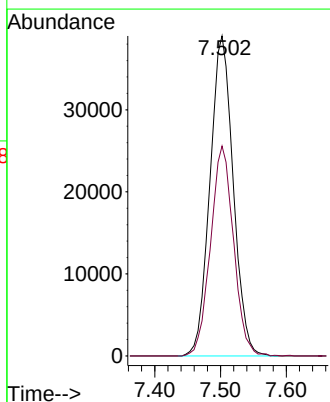
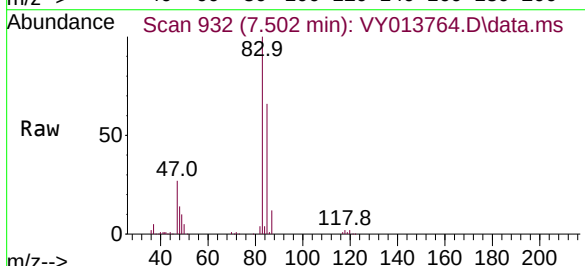
RT: 7.502 min Scan# 932

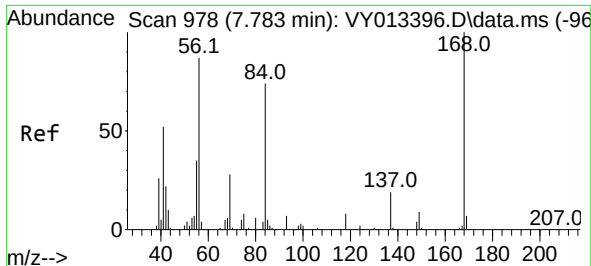
Delta R.T. 0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

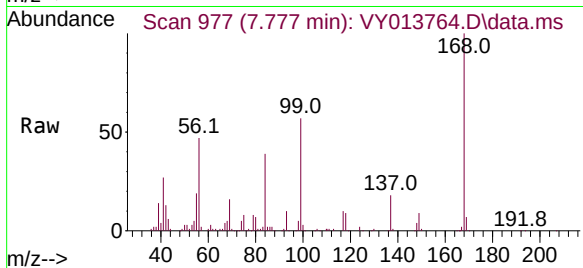
Tgt Ion:	83	Ratio	100	Lower	Upper
83	100				
85	65.6		52.0	78.0	





#31
Cyclohexane
Concen: 22.944 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

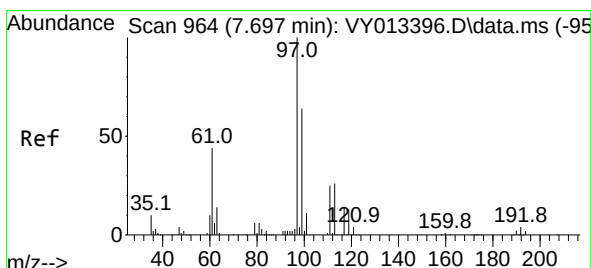
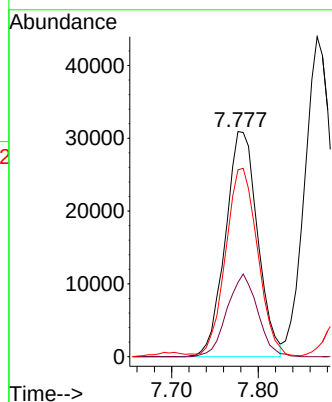
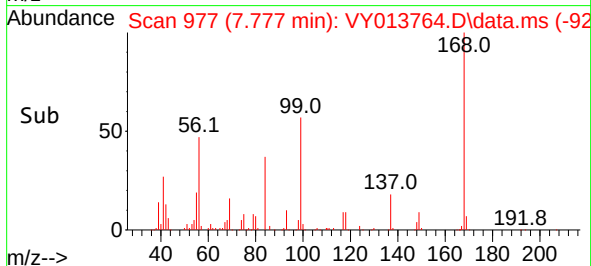
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03



Tgt Ion: 56 Resp: 79700
Ion Ratio Lower Upper
56 100
69 33.0 29.2 43.8
84 81.6 73.0 109.6

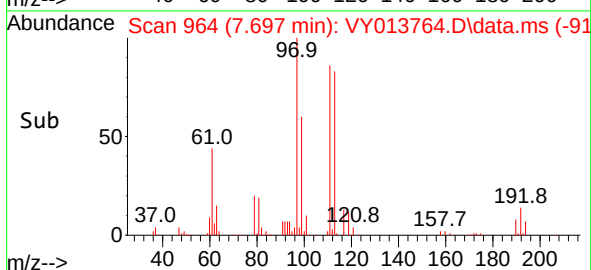
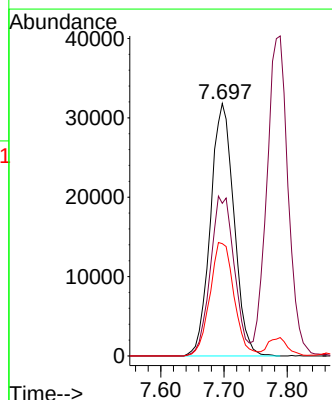
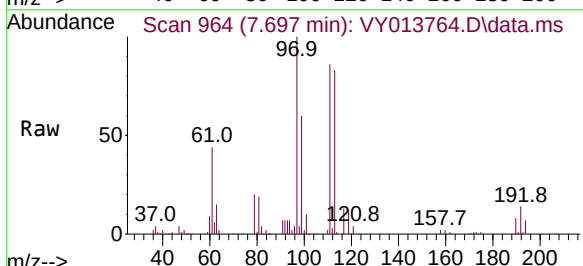
Manual Integrations
APPROVED

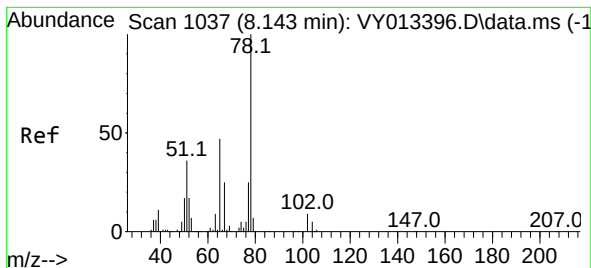
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#32
1,1,1-Trichloroethane
Concen: 24.844 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion: 97 Resp: 81952
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 46.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.770 ug/l

RT: 8.136 min Scan# 11208

Delta R.T. 0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03

Tgt Ion: 65 Resp: 11208

Ion Ratio Lower Upper

65 100

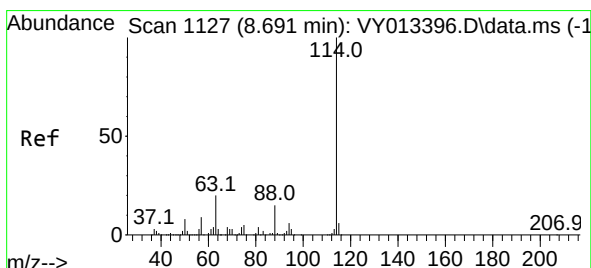
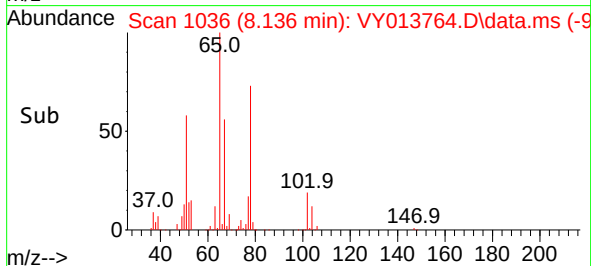
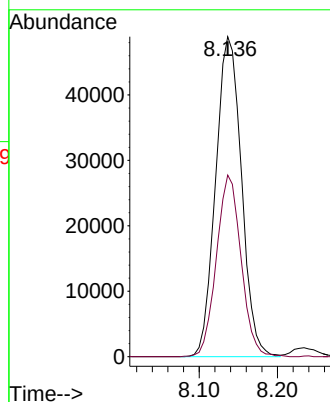
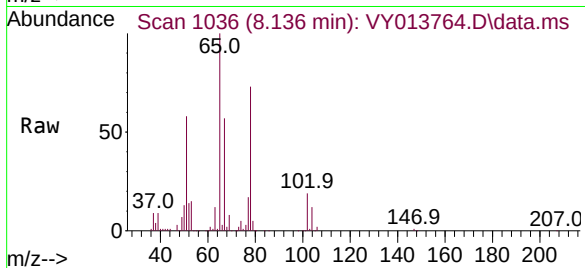
67 54.1 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

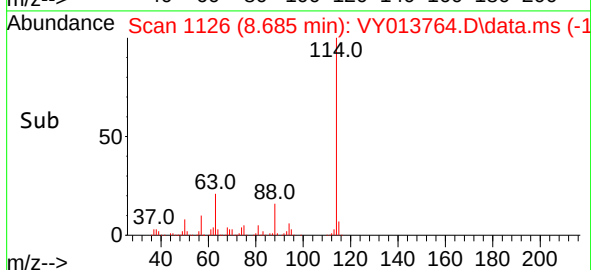
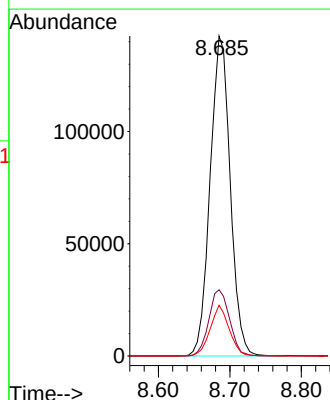
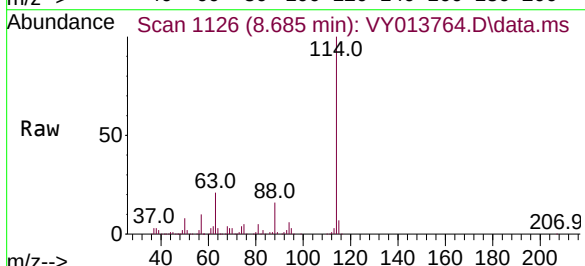
Tgt Ion:114 Resp: 278088

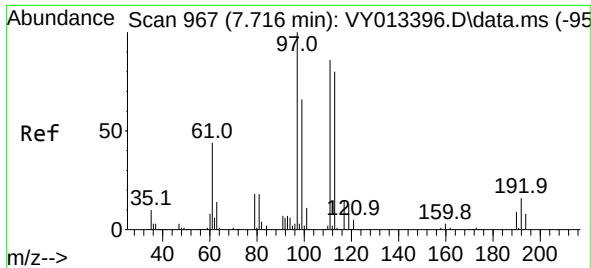
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.6

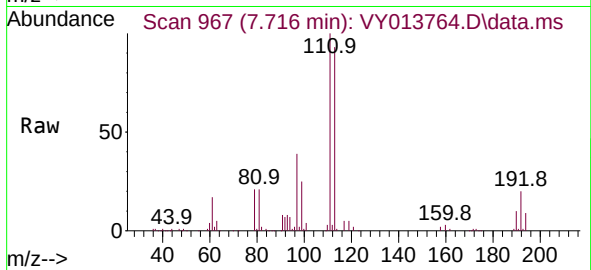
88 15.9 0.0 28.8





#35
Dibromofluoromethane
Concen: 60.192 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

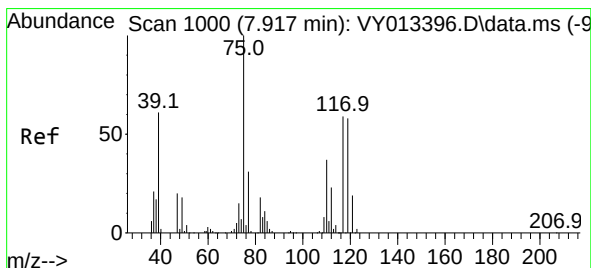
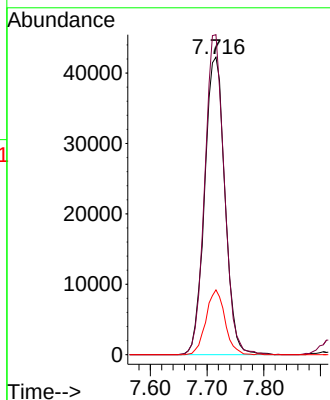
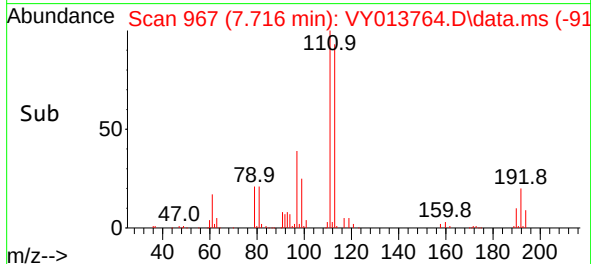
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03



Tgt Ion: 113 Resp: 105279
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.3 16.7 25.1

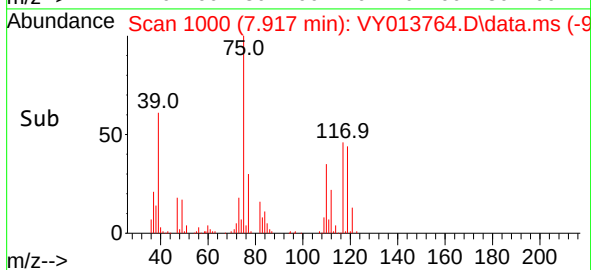
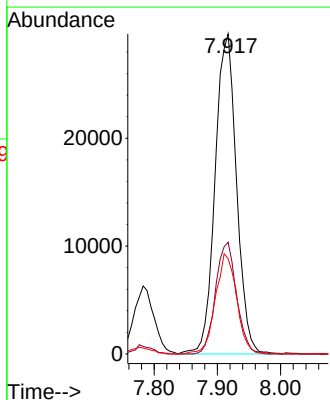
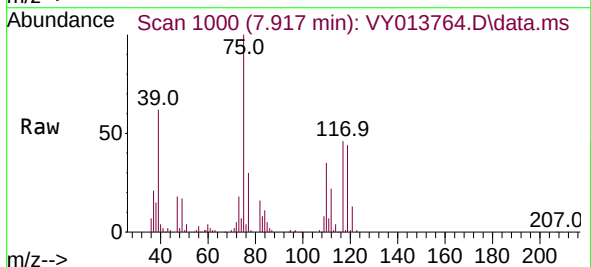
Manual Integrations
APPROVED

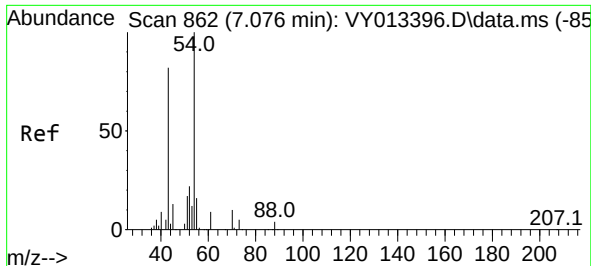
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#36
1,1-Dichloropropene
Concen: 24.012 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion: 75 Resp: 69702
Ion Ratio Lower Upper
75 100
110 34.1 18.7 56.1
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 24.040 ug/l

RT: 7.069 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03

Tgt Ion: 43 Resp: 5251

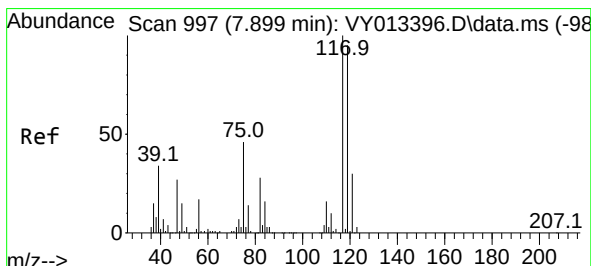
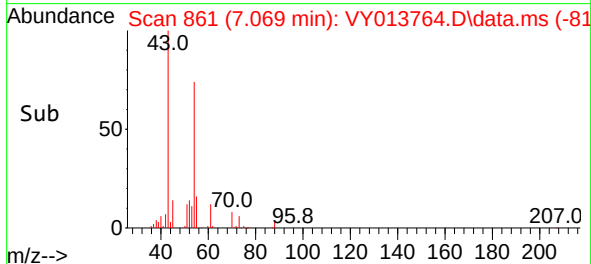
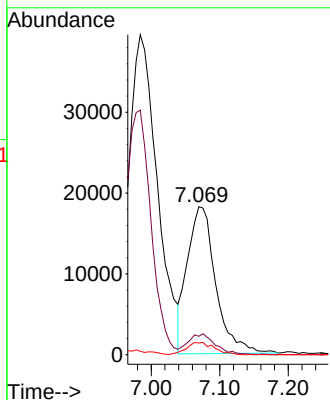
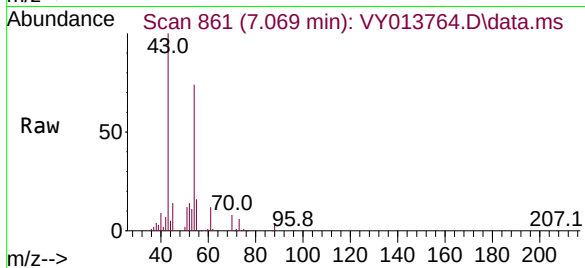
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.4	17.0
70	8.1	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#38

Carbon Tetrachloride

Concen: 23.799 ug/l

RT: 7.892 min Scan# 996

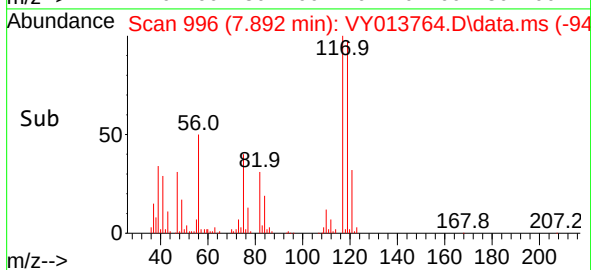
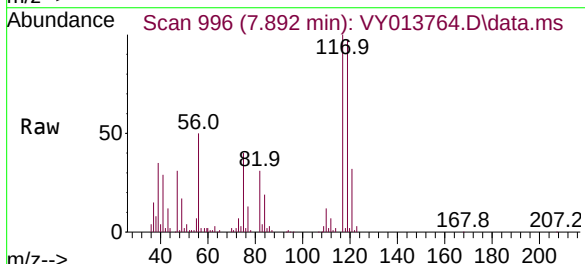
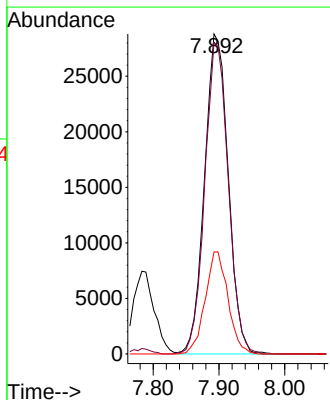
Delta R.T. -0.007 min

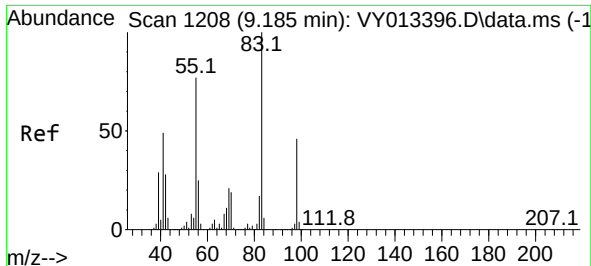
Lab File: VY013764.D

Acq: 16 May 2023 17:09

Tgt Ion:117 Resp: 72408

Ion	Ratio	Lower	Upper
117	100		
119	97.4	79.0	118.6
121	31.9	26.6	40.0





#39

Methylcyclohexane

Concen: 22.818 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03

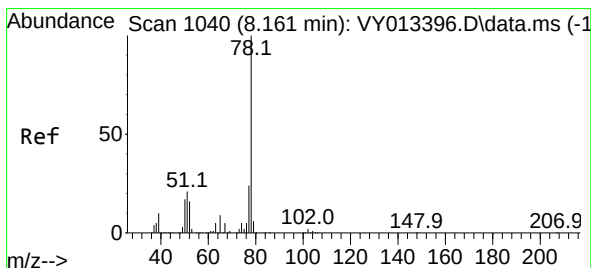
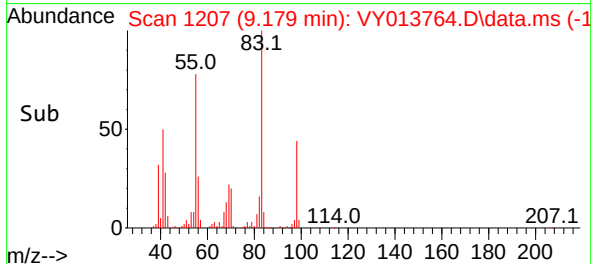
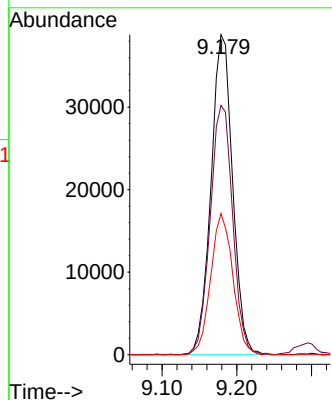
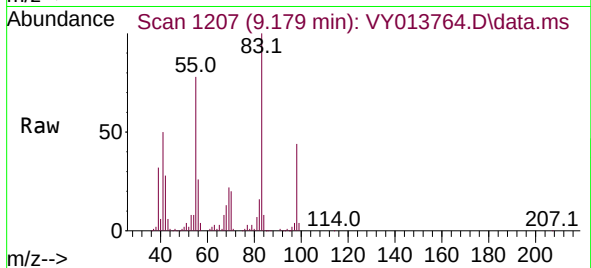
Tgt Ion:	83	Resp:	7808
Ion Ratio	Lower	Upper	
83	100		
55	77.9	59.0	88.4
98	44.1	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#40

Benzene

Concen: 24.908 ug/l

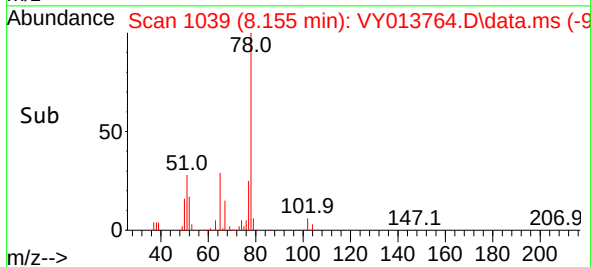
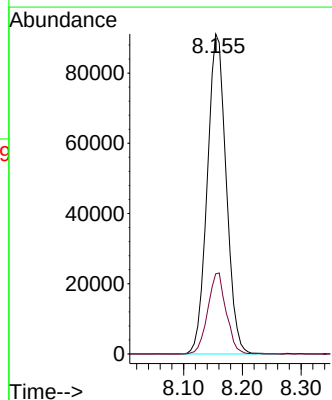
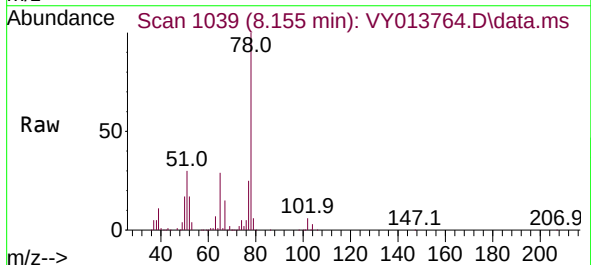
RT: 8.155 min Scan# 1039

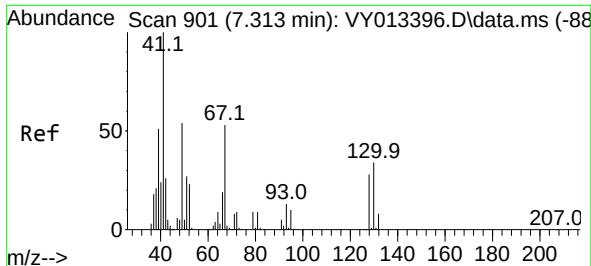
Delta R.T. -0.006 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

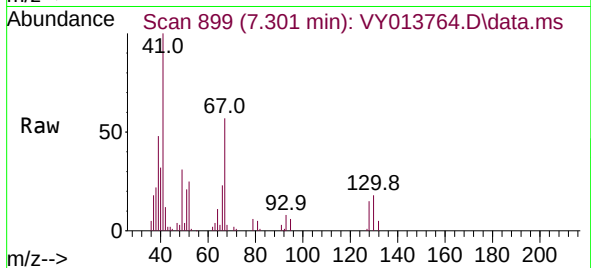
Tgt Ion:	78	Resp:	203667
Ion Ratio	Lower	Upper	
78	100		
77	25.1	19.2	28.8





#41
Methacrylonitrile
Concen: 30.282 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

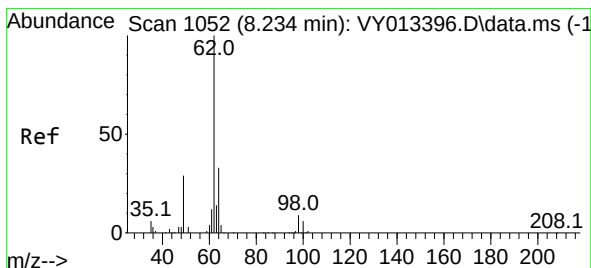
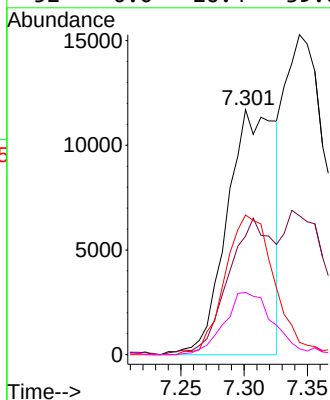
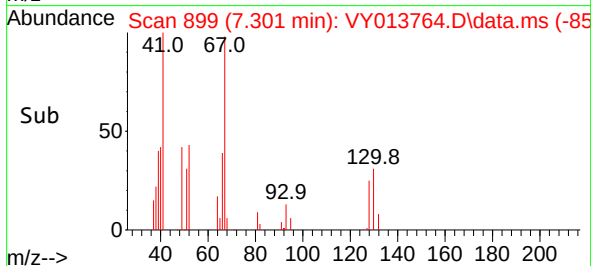
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03



Tgt Ion: 41 Resp: 30825
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4
67 0.0 62.9 94.3
52 0.0 26.4 39.6

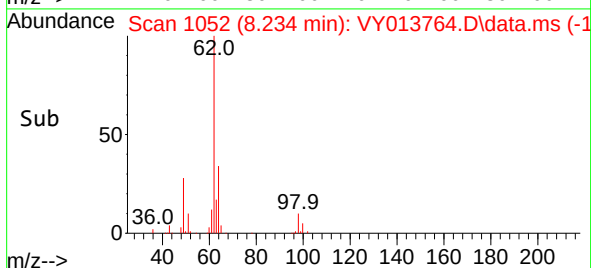
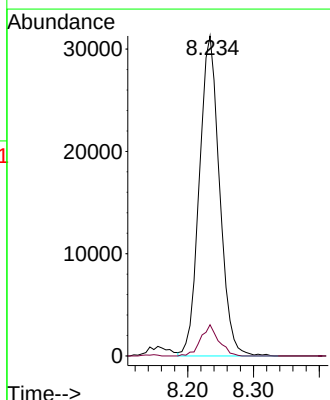
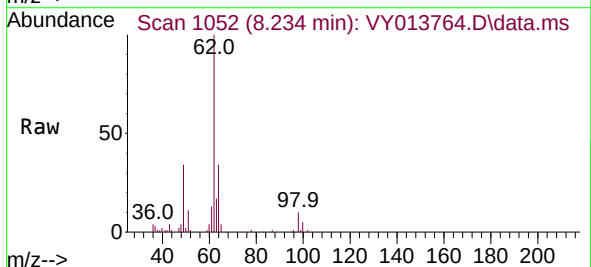
Manual Integrations
APPROVED

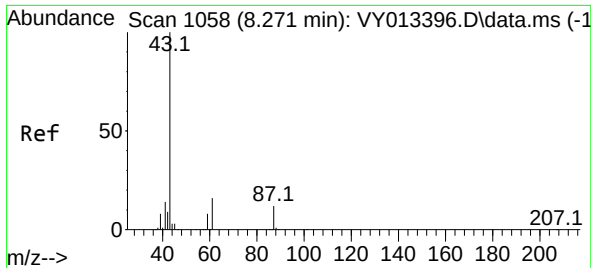
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#42
1,2-Dichloroethane
Concen: 25.010 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion: 62 Resp: 66858
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.8





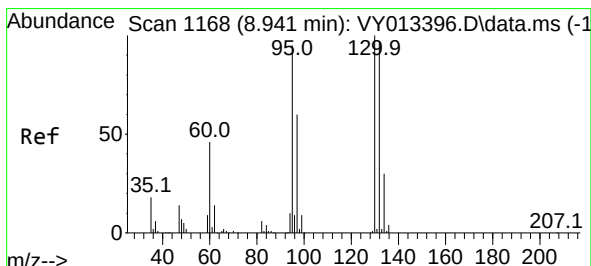
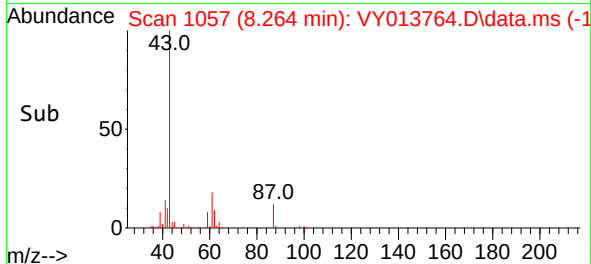
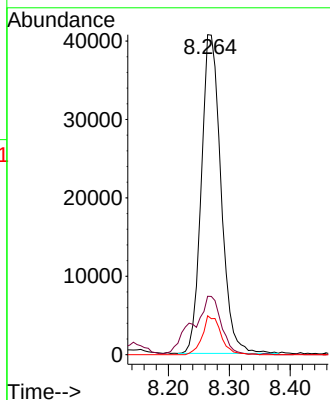
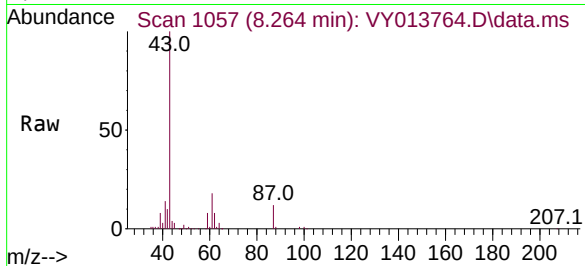
#43
Isopropyl Acetate
Concen: 24.702 ug/l
RT: 8.264 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion: 43 Resp: 91078
Ion Ratio Lower Upper
43 100
61 26.6 22.2 33.4
87 11.6 11.0 16.6

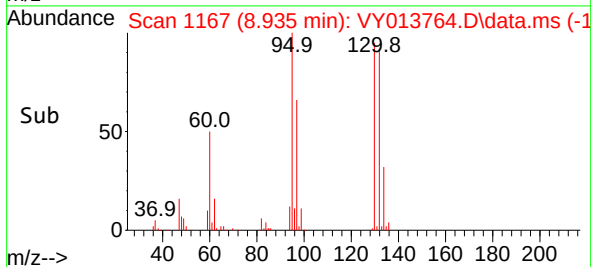
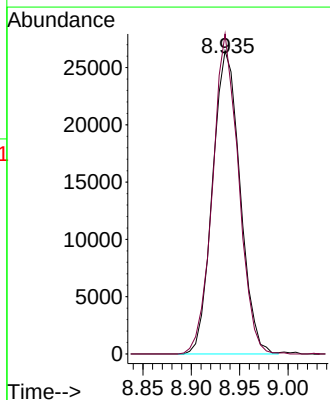
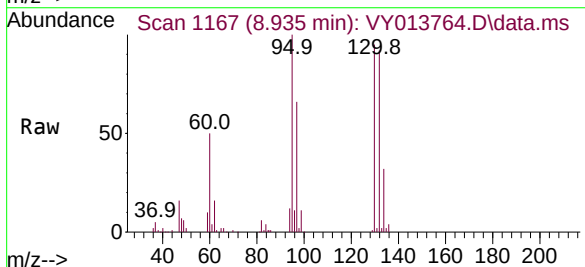
Manual Integrations
APPROVED

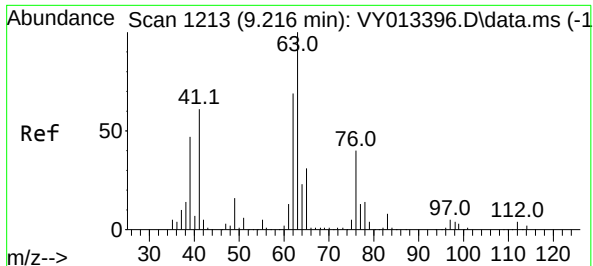
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#44
Trichloroethene
Concen: 24.012 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion:130 Resp: 52226
Ion Ratio Lower Upper
130 100
95 105.5 0.0 188.8





#45

1,2-Dichloropropane

Concen: 26.659 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03

Tgt Ion: 63 Resp: 5699

Ion Ratio Lower Upper

63 100

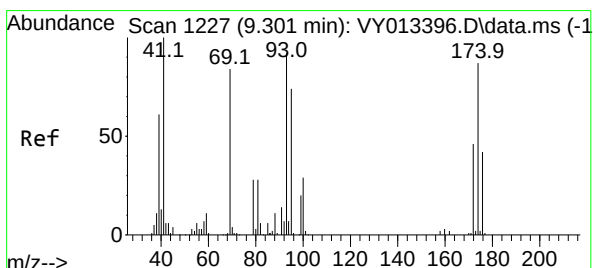
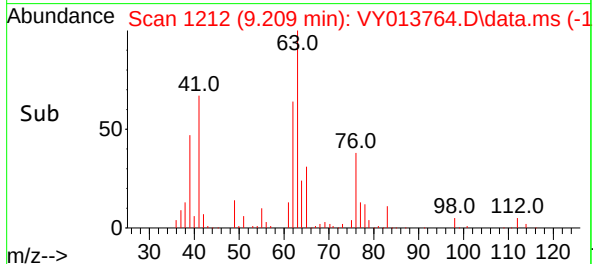
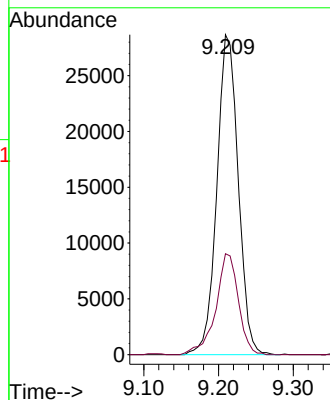
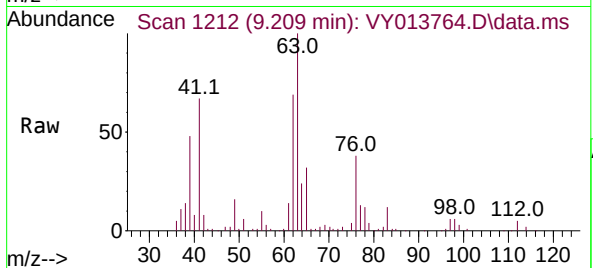
65 31.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#46

Dibromomethane

Concen: 25.345 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

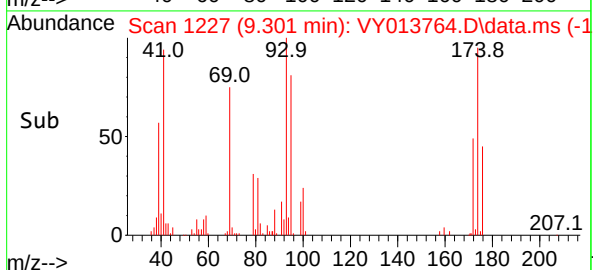
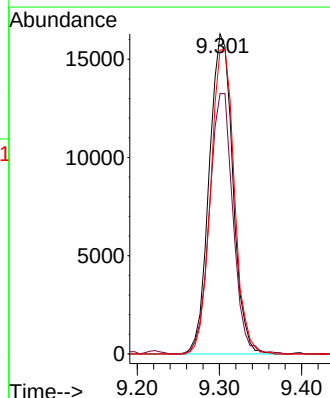
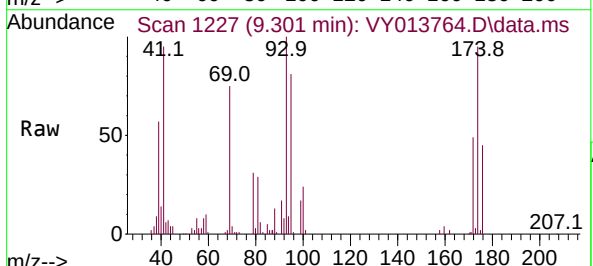
Tgt Ion: 93 Resp: 32422

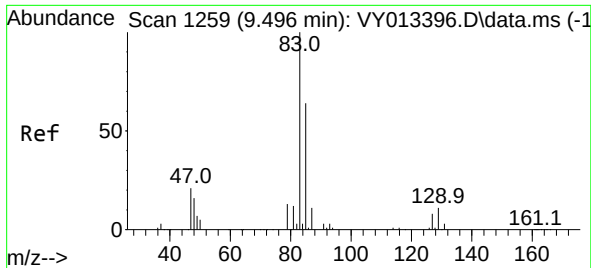
Ion Ratio Lower Upper

93 100

95 81.2 67.1 100.7

174 95.1 87.0 130.4





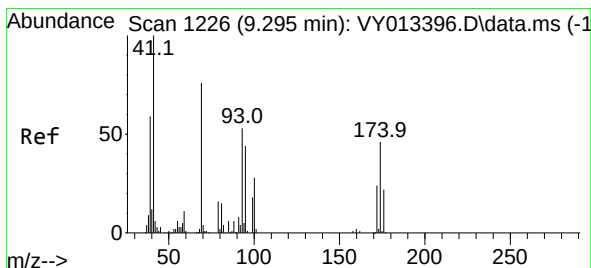
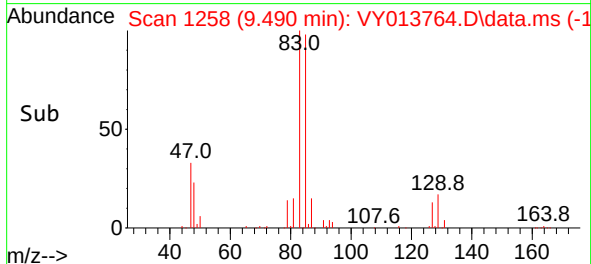
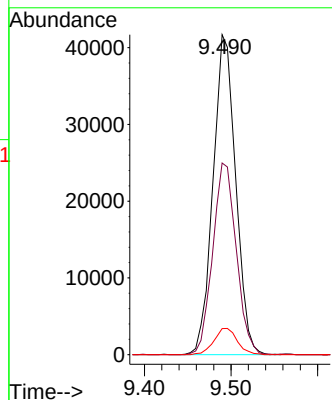
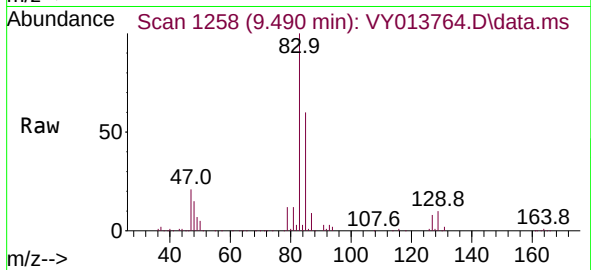
#47
Bromodichloromethane
Concen: 26.432 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion: 83 Resp: 75659
Ion Ratio Lower Upper
83 100
85 59.9 51.4 77.2
127 8.2 8.1 12.1

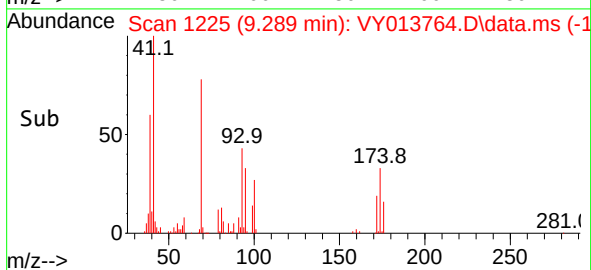
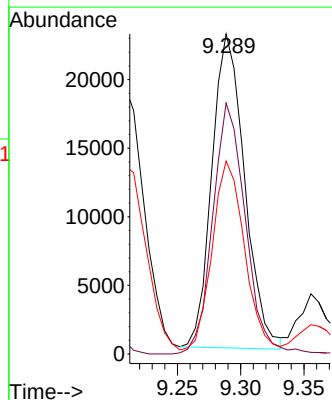
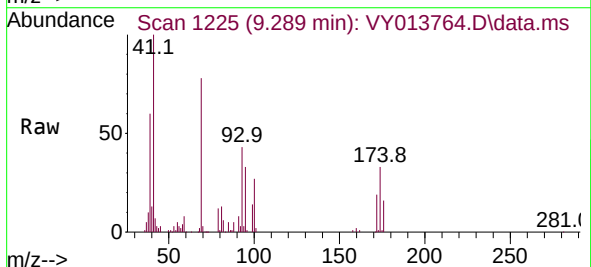
Manual Integrations
APPROVED

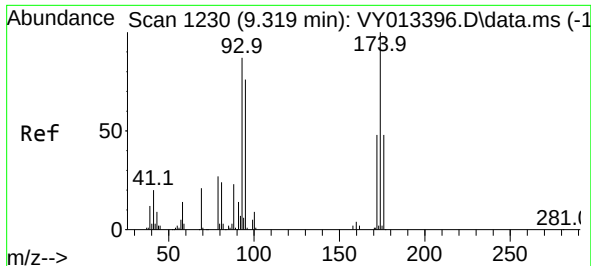
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#48
Methyl methacrylate
Concen: 24.309 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion: 41 Resp: 41164
Ion Ratio Lower Upper
41 100
69 79.7 70.2 105.4
39 61.6 47.9 71.9





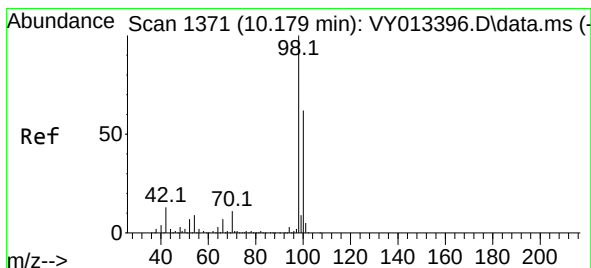
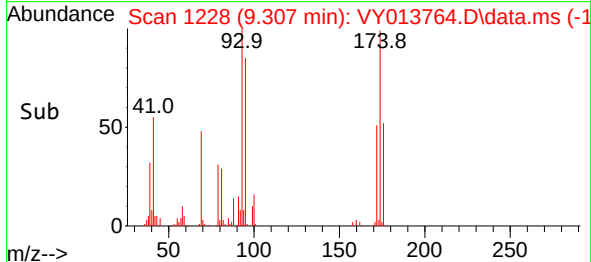
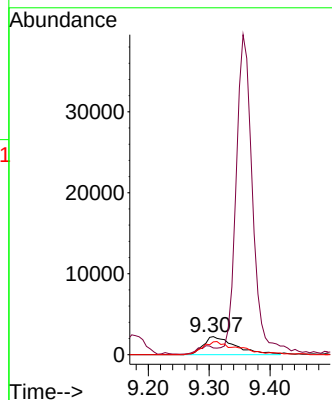
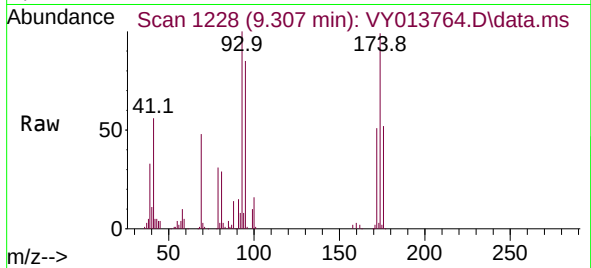
#49
1,4-Dioxane
Concen: 449.977 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion: 88 Resp: 822
Ion Ratio Lower Upper
88 100
43 0.0 16.8 25.2
58 78.1 54.3 81.5

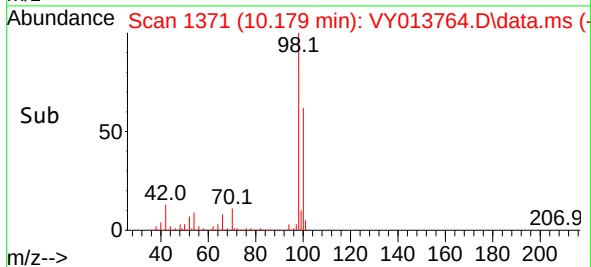
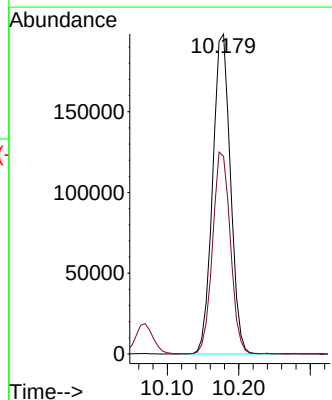
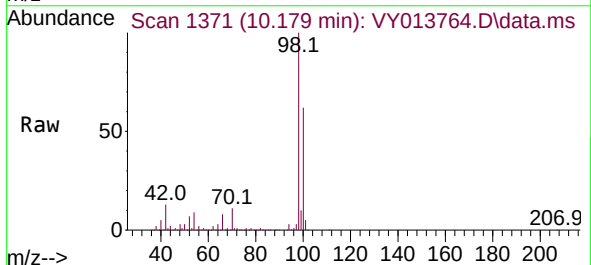
Manual Integrations
APPROVED

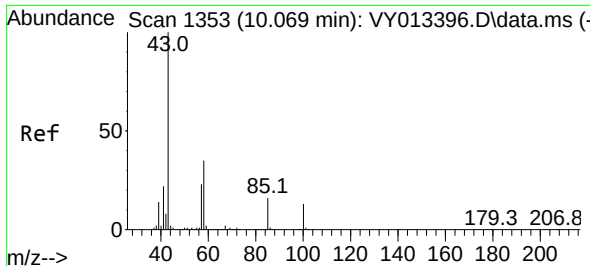
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#50
Toluene-d8
Concen: 54.951 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

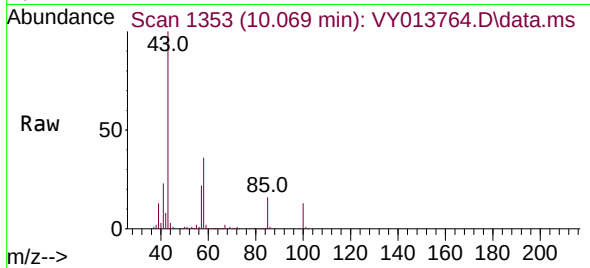
Tgt Ion: 98 Resp: 341910
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7





#51
4-Methyl-2-Pentanone
Concen: 125.565 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

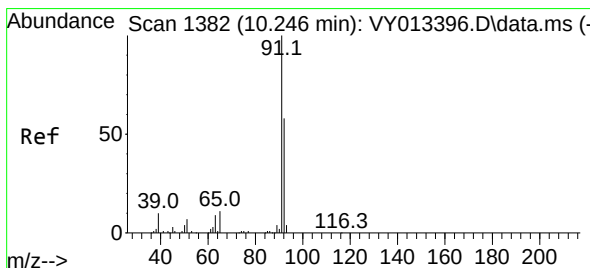
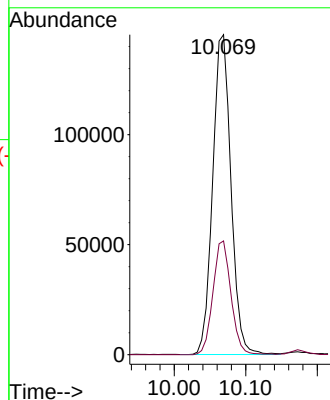
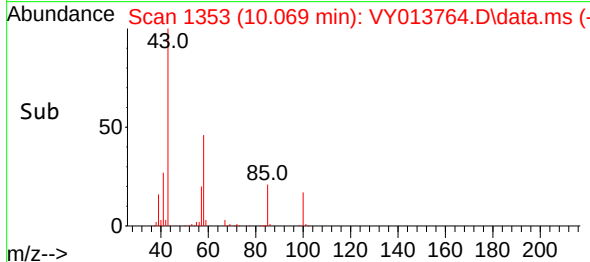
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03



Tgt Ion: 43 Resp: 257989
Ion Ratio Lower Upper
43 100
58 35.1 30.6 46.0

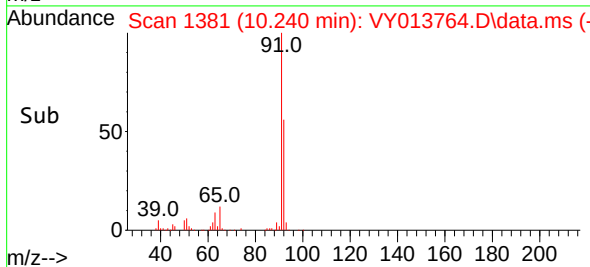
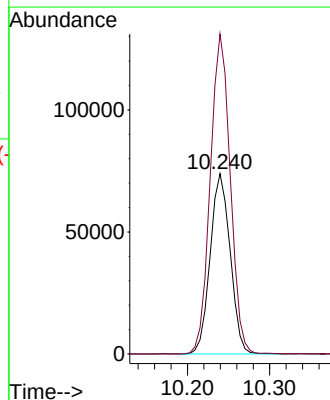
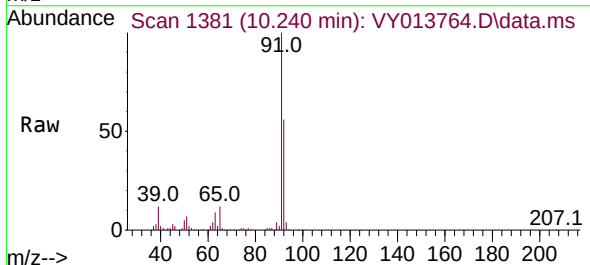
Manual Integrations
APPROVED

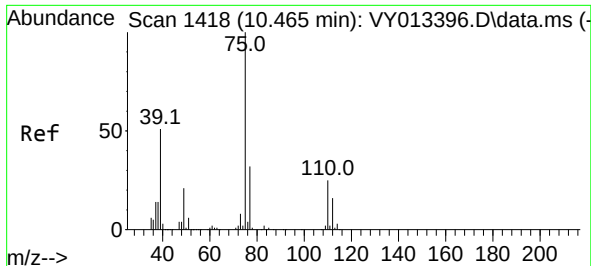
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#52
Toluene
Concen: 25.320 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion: 92 Resp: 124587
Ion Ratio Lower Upper
92 100
91 177.6 140.2 210.4





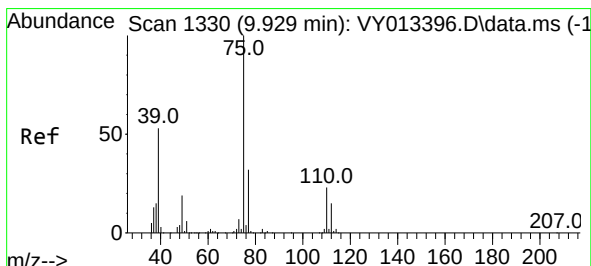
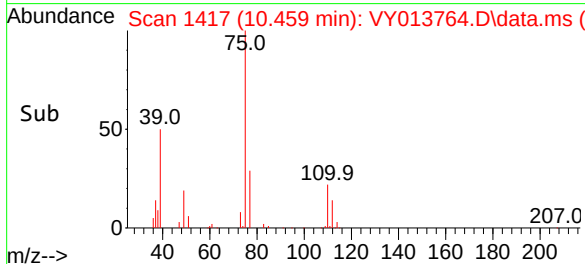
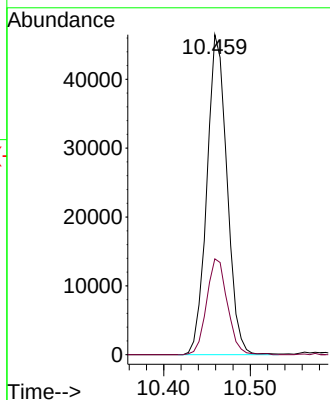
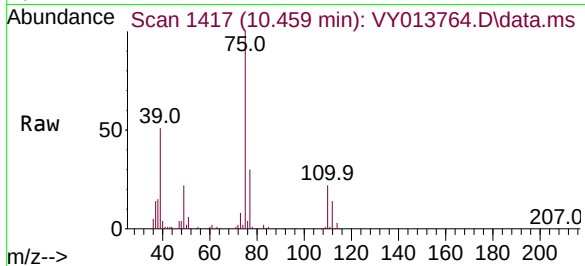
#53
t-1,3-Dichloropropene
Concen: 24.773 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion: 75 Resp: 7504
Ion Ratio Lower Upper
75 100
77 29.9 25.8 38.8

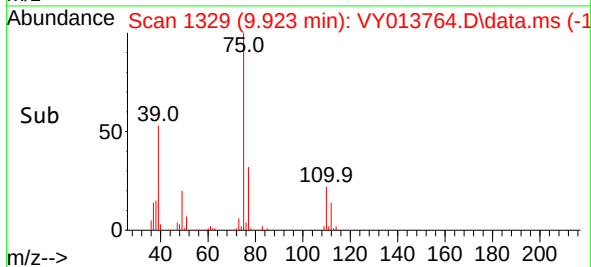
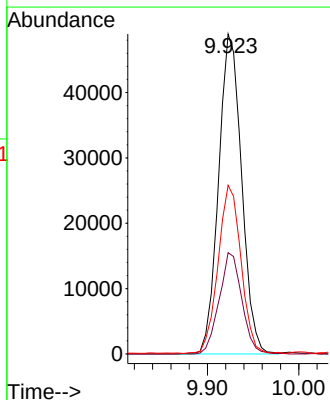
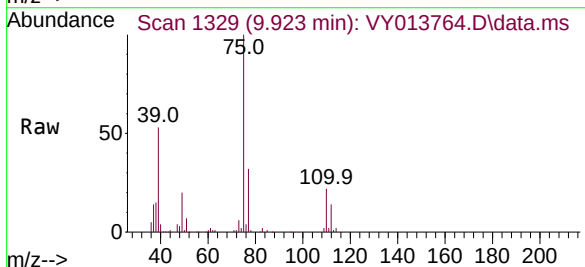
Manual Integrations
APPROVED

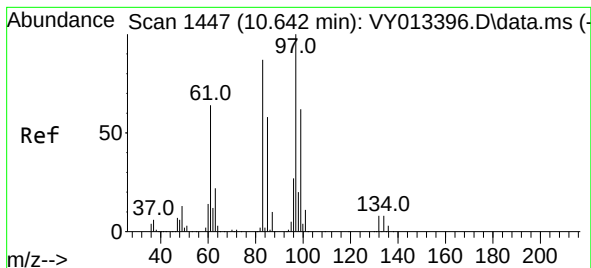
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#54
cis-1,3-Dichloropropene
Concen: 25.134 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

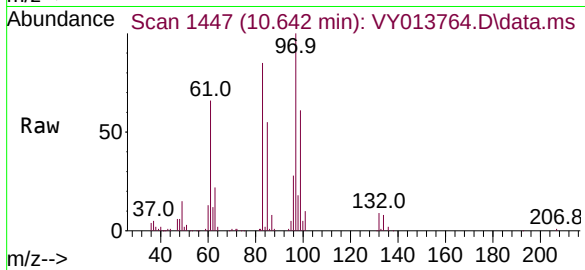
Tgt Ion: 75 Resp: 85676
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 52.4 38.1 57.1





#55
1,1,2-Trichloroethane
Concen: 25.101 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

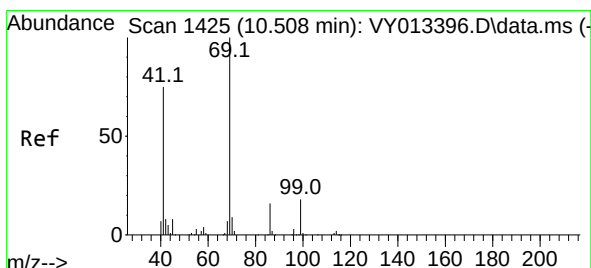
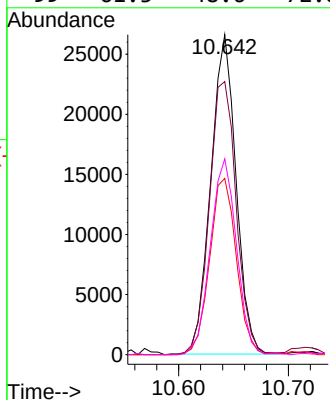
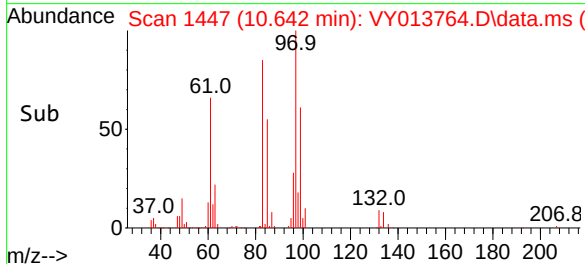
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03



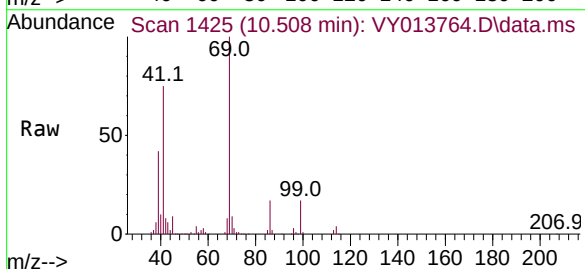
Tgt Ion:	97	Resp:	4252
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.4	99.6
85	55.2	45.6	68.4
99	61.3	48.6	72.8

Manual Integrations
APPROVED

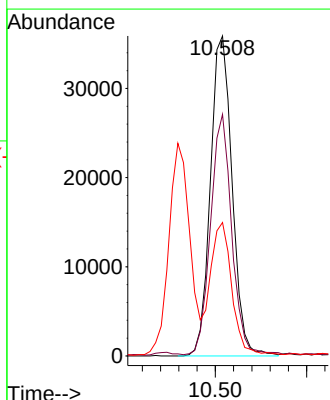
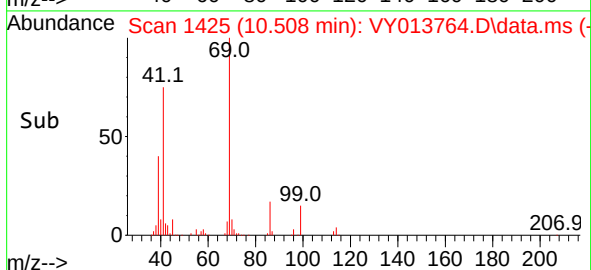
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

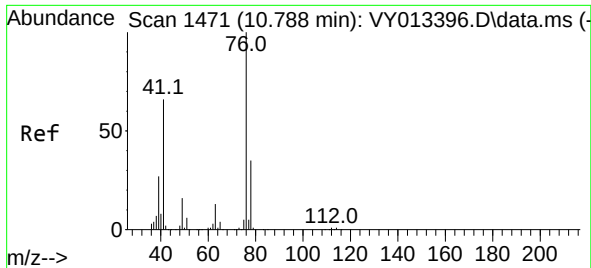


#56
Ethyl methacrylate
Concen: 25.232 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09



Tgt Ion:	69	Resp:	59301
Ion	Ratio	Lower	Upper
69	100		
41	72.9	51.4	77.0
39	40.8	29.0	43.6





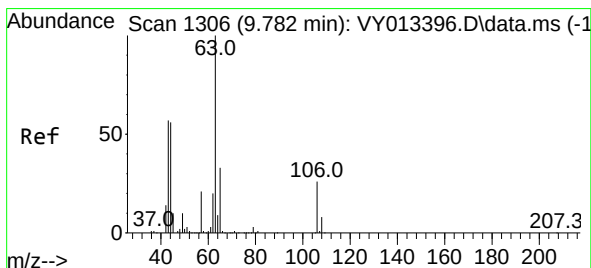
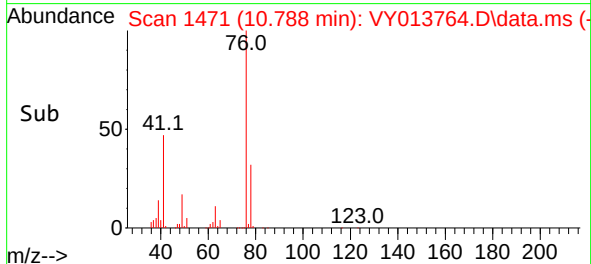
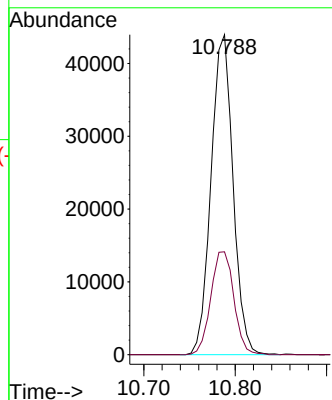
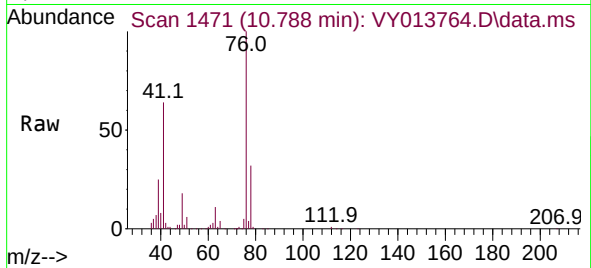
#57
1,3-Dichloropropane
Concen: 25.556 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion: 76 Resp: 7332
Ion Ratio Lower Upper
76 100
78 33.8 26.5 39.7

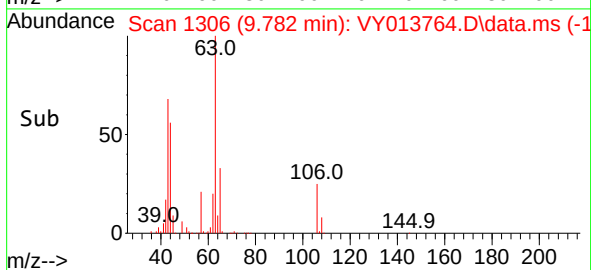
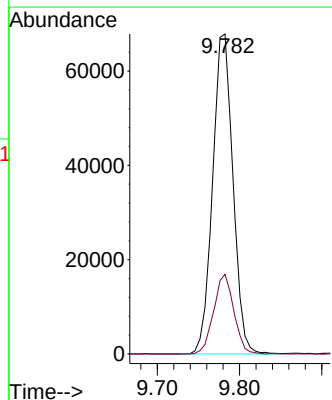
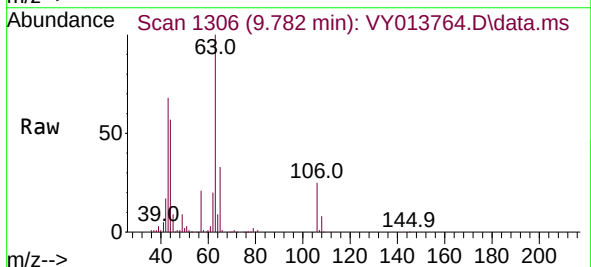
Manual Integrations
APPROVED

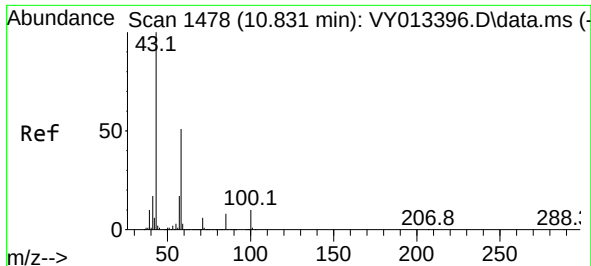
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#58
2-Chloroethyl Vinyl ether
Concen: 132.368 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

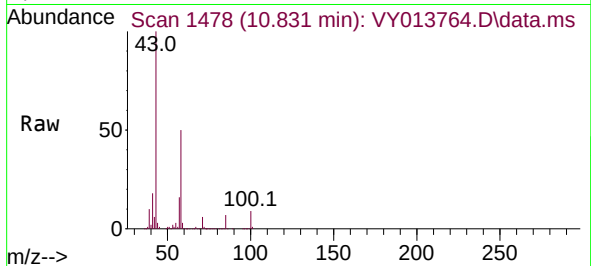
Tgt Ion: 63 Resp: 116656
Ion Ratio Lower Upper
63 100
106 24.7 23.5 35.3





#59
2-Hexanone
Concen: 124.475 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

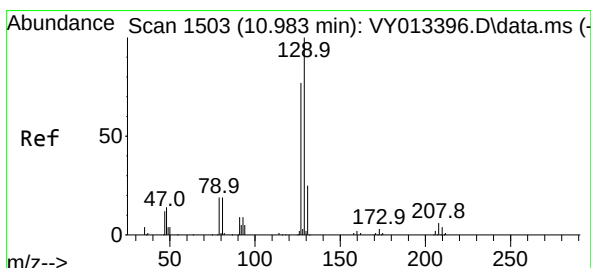
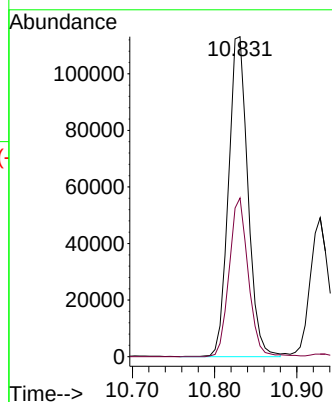
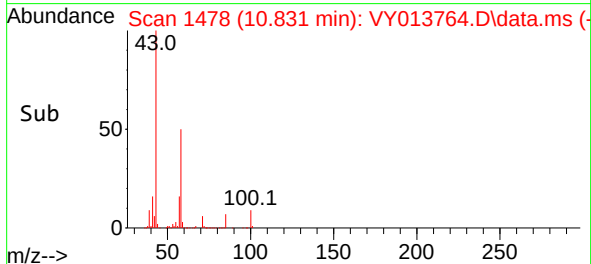
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03



Tgt Ion: 43 Resp: 185910
Ion Ratio Lower Upper
43 100
58 48.9 26.3 78.8

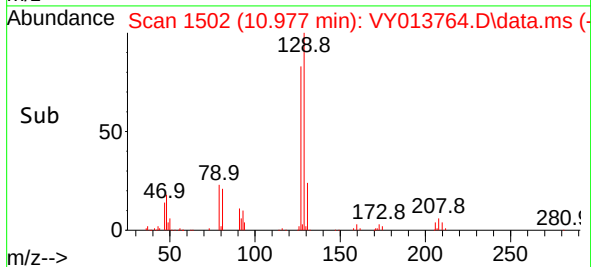
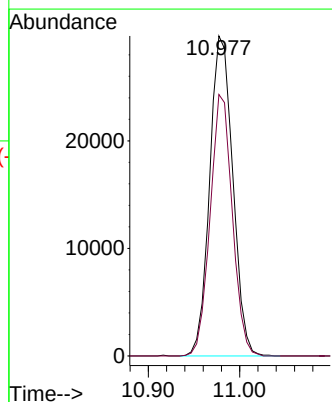
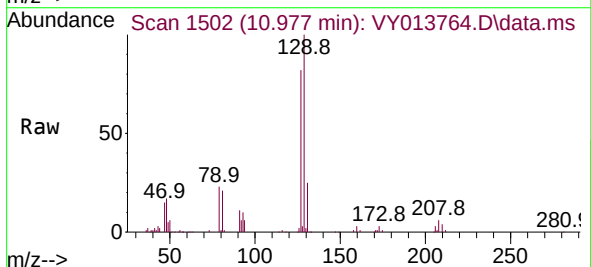
Manual Integrations
APPROVED

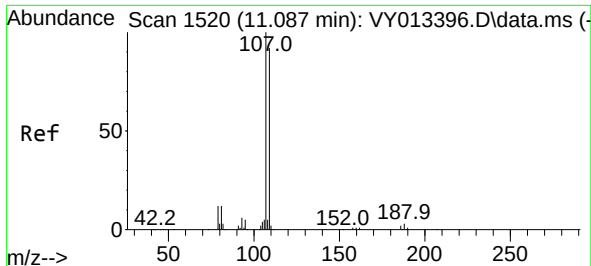
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#60
Dibromochloromethane
Concen: 25.398 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion:129 Resp: 52243
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1





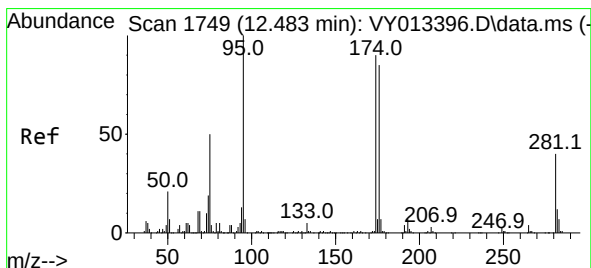
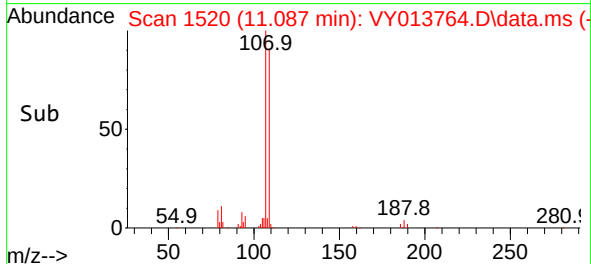
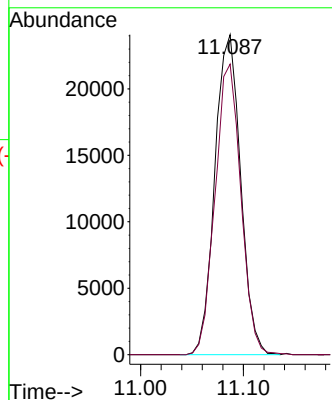
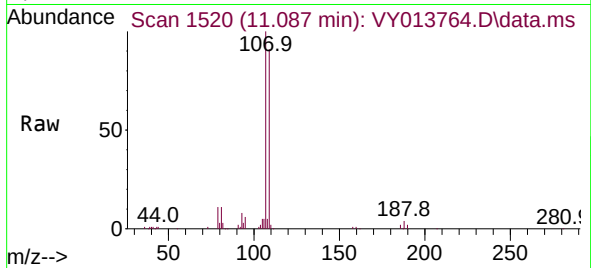
#61
1,2-Dibromoethane
Concen: 25.150 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion:107 Resp: 4188
Ion Ratio Lower Upper
107 100
109 91.0 75.6 113.4

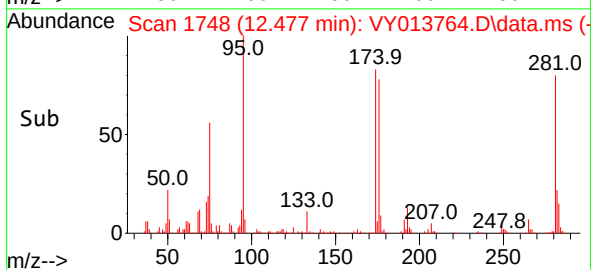
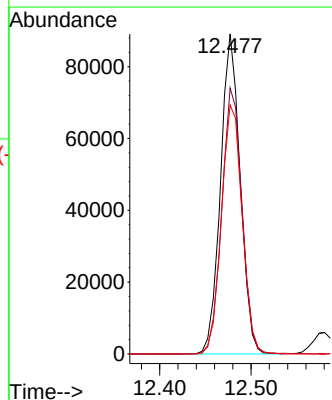
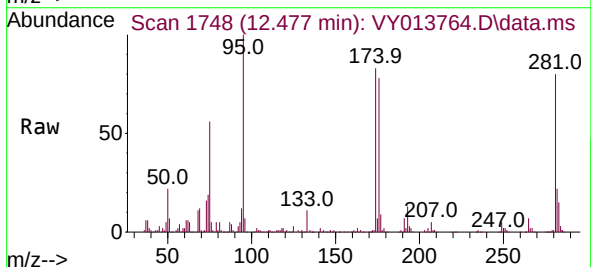
Manual Integrations
APPROVED

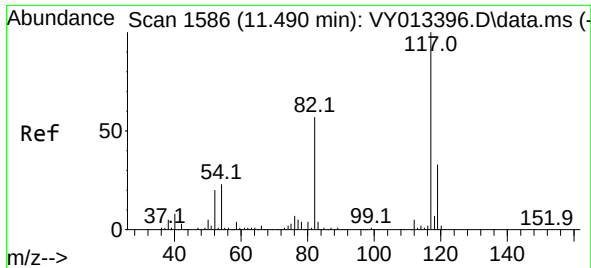
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#62
4-Bromofluorobenzene
Concen: 63.454 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

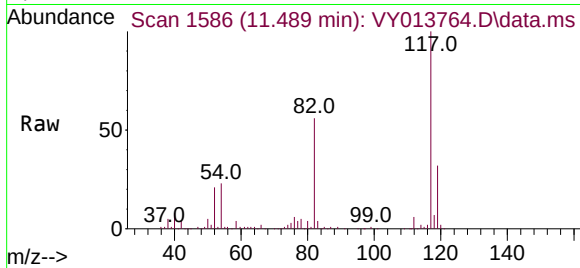
Tgt Ion: 95 Resp: 133103
Ion Ratio Lower Upper
95 100
174 85.6 0.0 182.0
176 82.2 0.0 175.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11489
Delta R.T. 0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

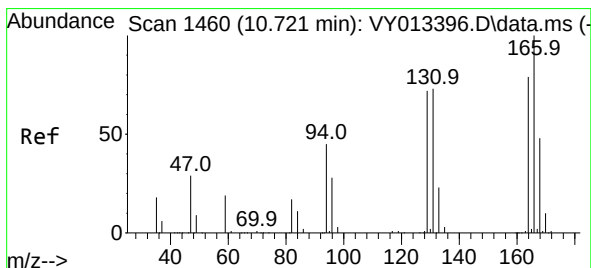
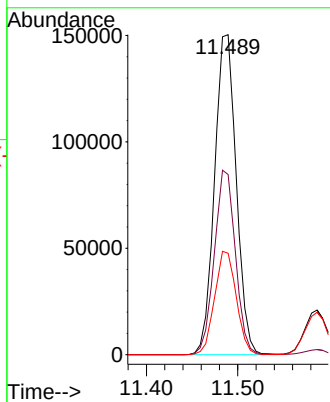
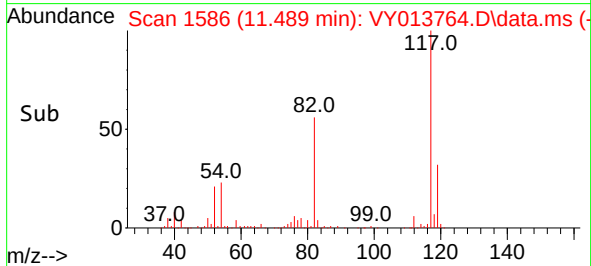
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03



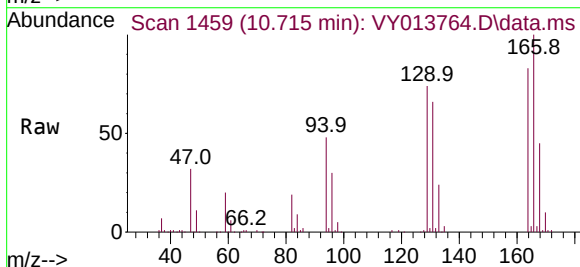
Tgt Ion:117 Resp: 248340
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.6
119 31.7 25.5 38.3

Manual Integrations
APPROVED

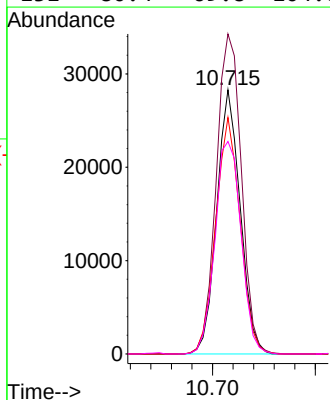
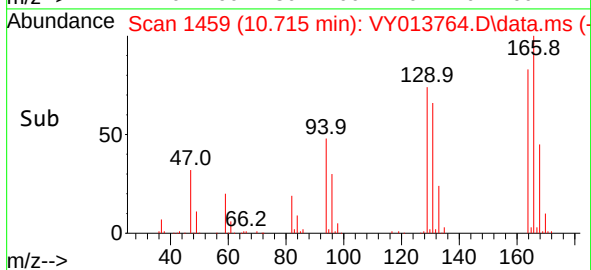
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

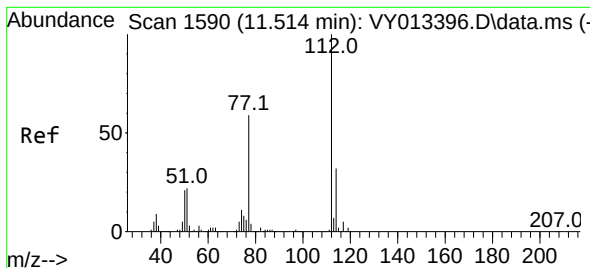


#64
Tetrachloroethene
Concen: 23.754 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09



Tgt Ion:164 Resp: 44856
Ion Ratio Lower Upper
164 100
166 121.1 97.5 146.3
129 89.5 72.6 109.0
131 80.4 69.8 104.6





#65

Chlorobenzene

Concen: 24.533 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03

Tgt Ion:112 Resp: 132719

Ion Ratio Lower Upper

112 100

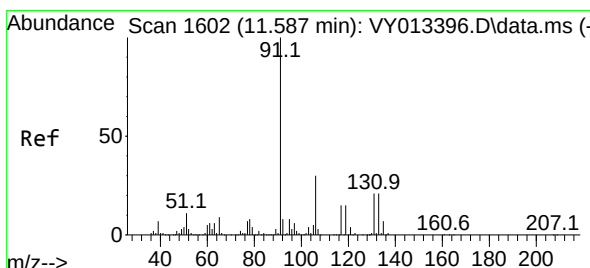
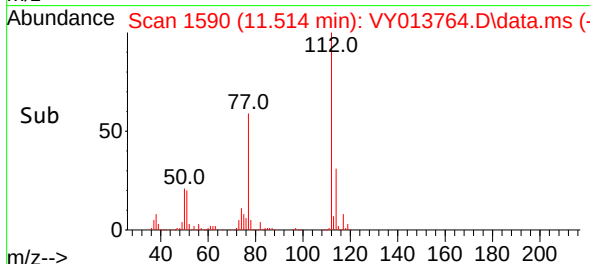
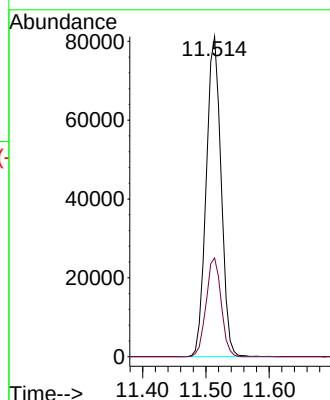
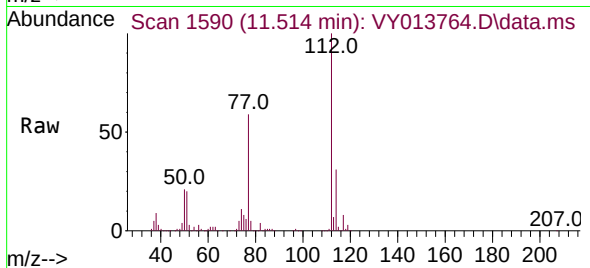
114 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 25.095 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

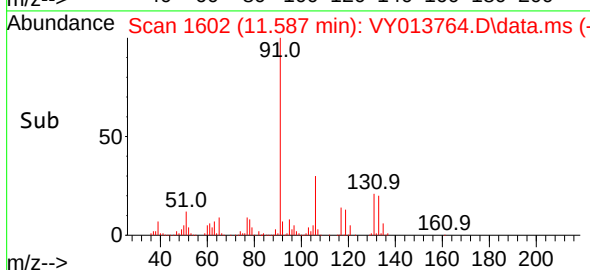
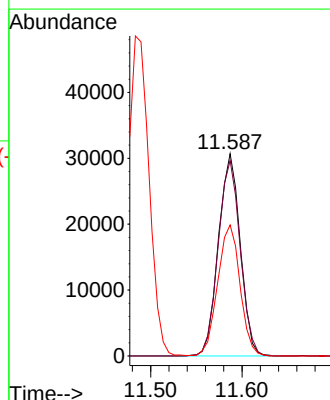
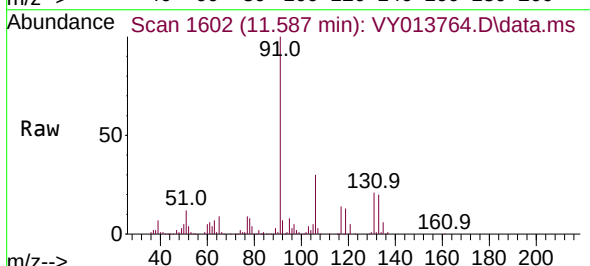
Tgt Ion:131 Resp: 50773

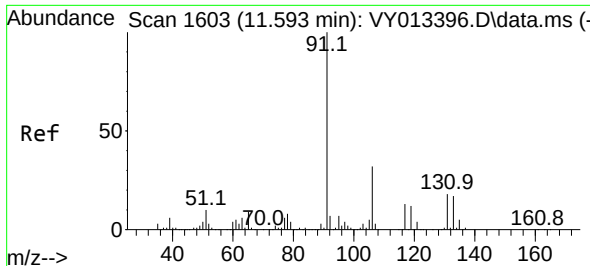
Ion Ratio Lower Upper

131 100

133 98.0 47.7 143.1

119 66.4 32.6 98.0





#67

Ethyl Benzene

Concen: 24.767 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03

Tgt Ion: 91 Resp: 23527

Ion Ratio Lower Upper

91 100

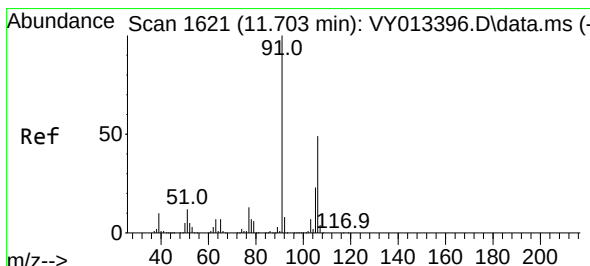
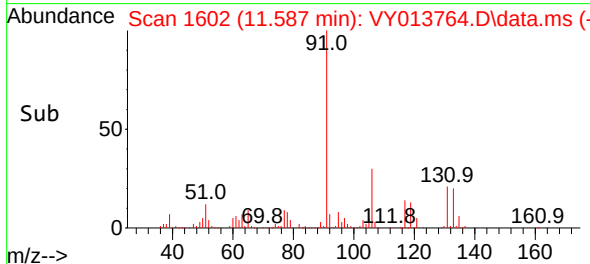
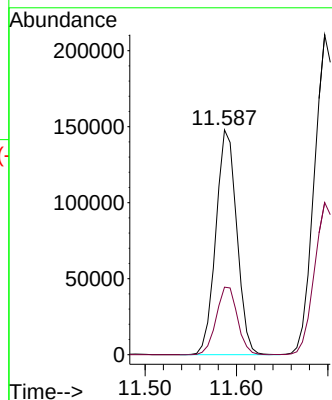
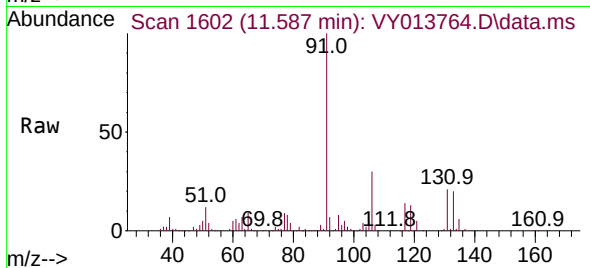
106 30.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#68

m/p-Xylenes

Concen: 49.615 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013764.D

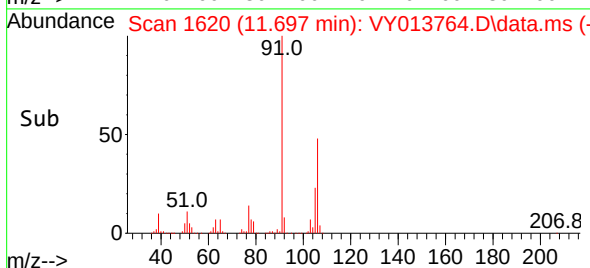
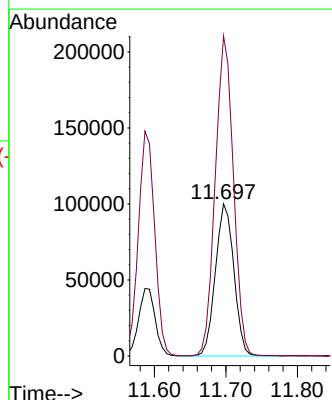
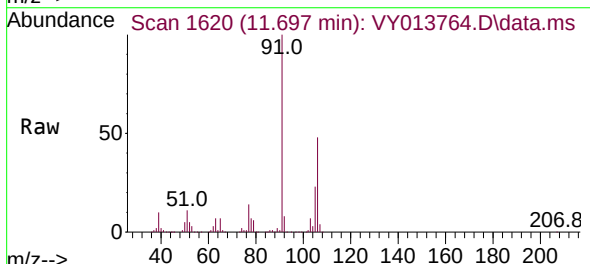
Acq: 16 May 2023 17:09

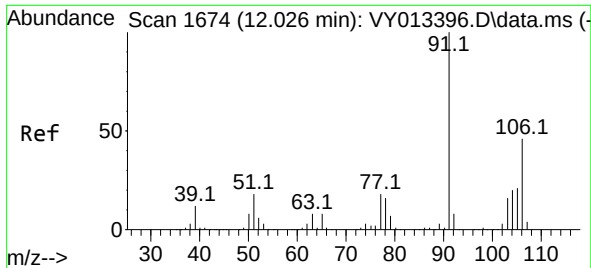
Tgt Ion:106 Resp: 179176

Ion Ratio Lower Upper

106 100

91 207.1 160.9 241.3





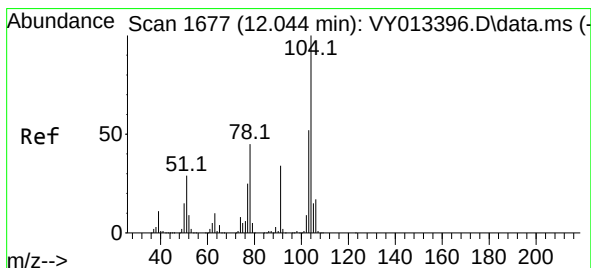
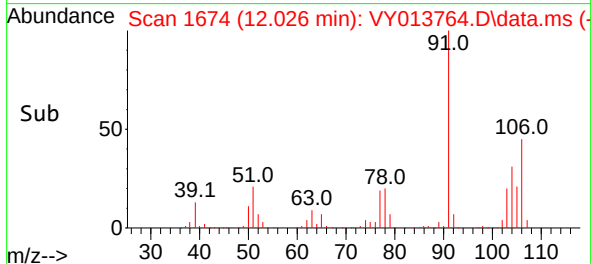
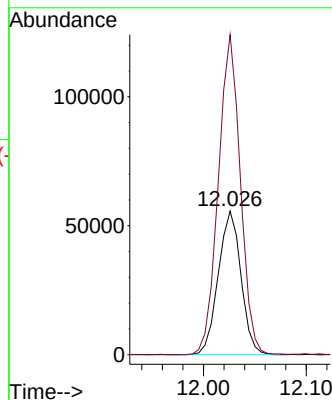
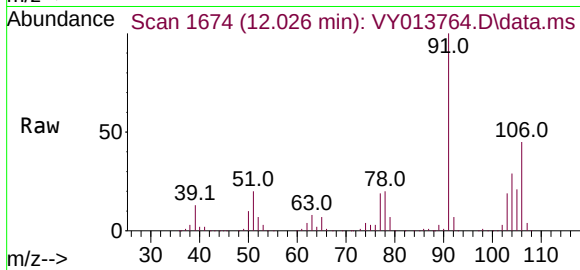
#69
o-Xylene
Concen: 24.947 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion:106 Resp: 8520
Ion Ratio Lower Upper
106 100
91 216.8 105.5 316.4

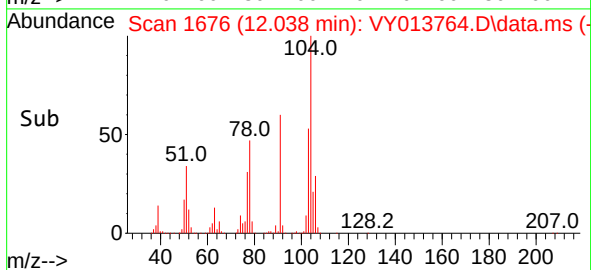
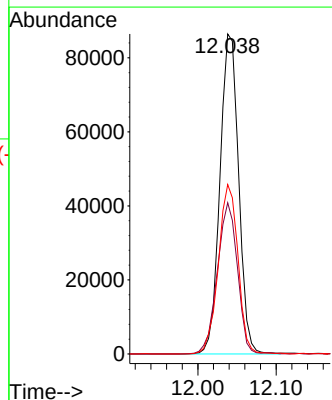
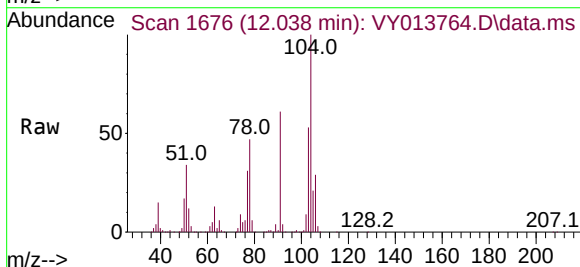
Manual Integrations
APPROVED

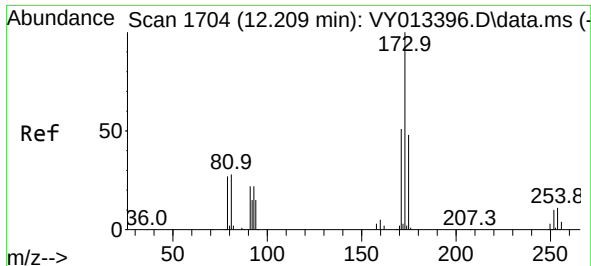
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#70
Styrene
Concen: 25.150 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

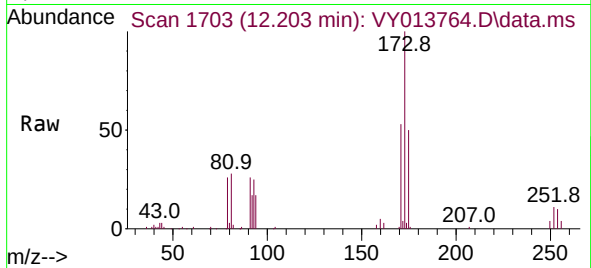
Tgt Ion:104 Resp: 143620
Ion Ratio Lower Upper
104 100
78 50.9 40.3 60.5
103 55.6 45.0 67.4





#71
Bromoform
Concen: 25.211 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

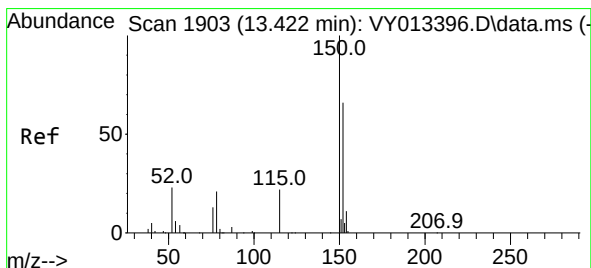
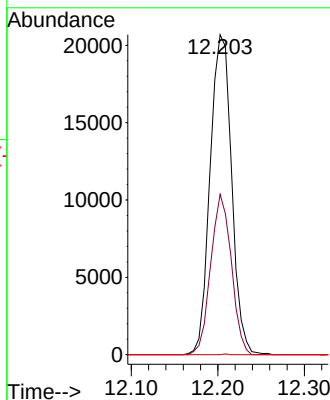
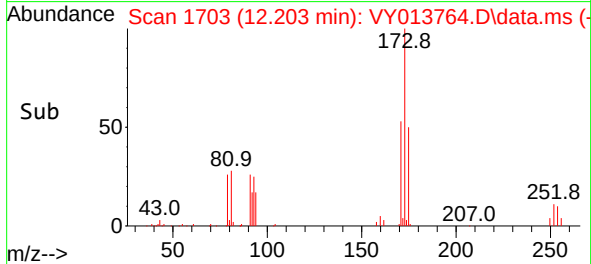
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03



Tgt Ion:173 Resp: 35728
Ion Ratio Lower Upper
173 100
175 47.9 24.3 72.8
254 0.1 0.2 0.2

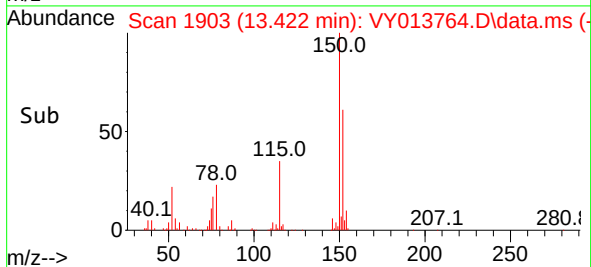
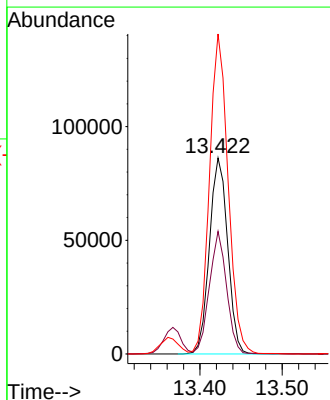
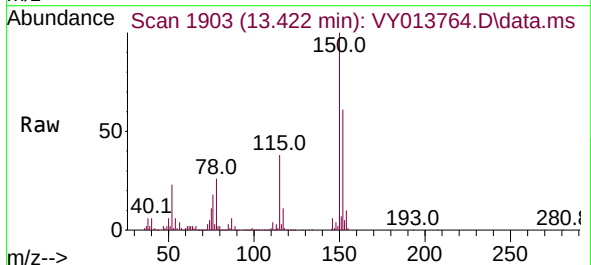
Manual Integrations
APPROVED

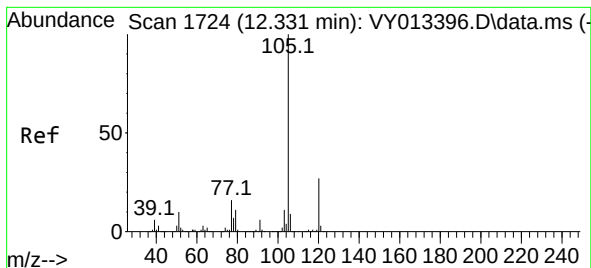
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion:152 Resp: 132792
Ion Ratio Lower Upper
152 100
115 58.9 28.1 84.2
150 167.3 0.0 352.0





#73

Isopropylbenzene

Concen: 22.429 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03

Tgt Ion:105 Resp: 22527

Ion Ratio Lower Upper

105 100

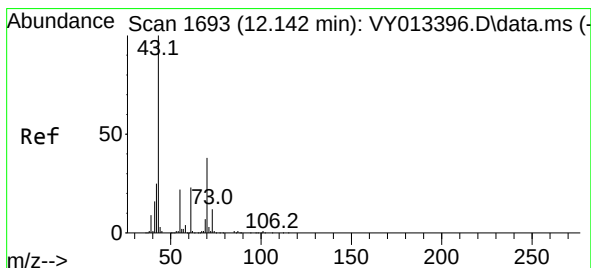
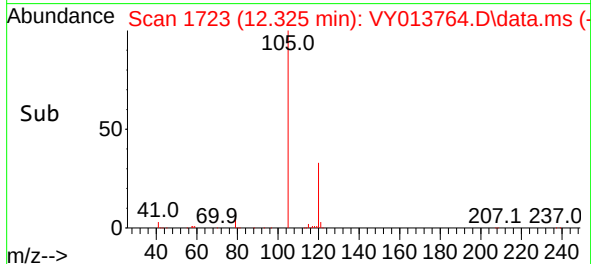
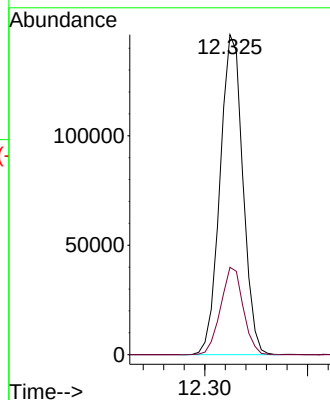
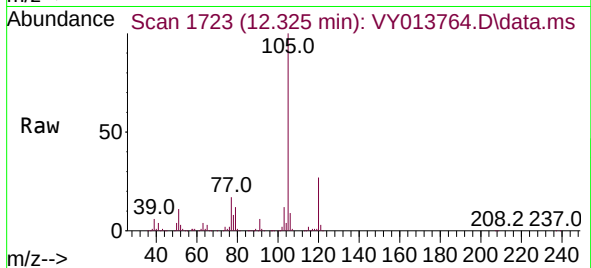
120 27.0 13.7 41.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#74

N-ethyl acetate

Concen: 22.585 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Tgt Ion: 43 Resp: 80724

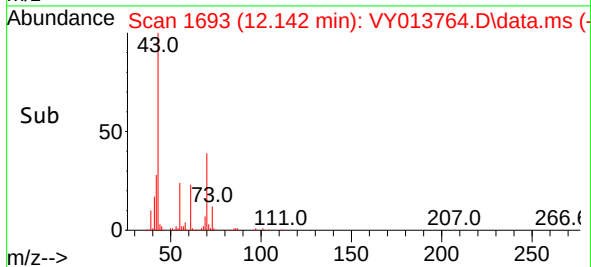
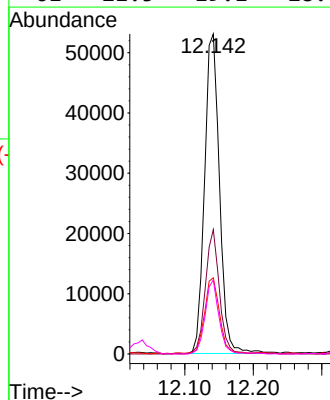
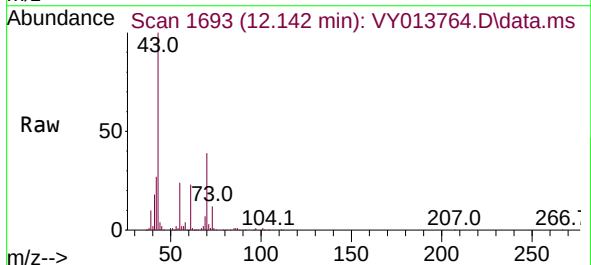
Ion Ratio Lower Upper

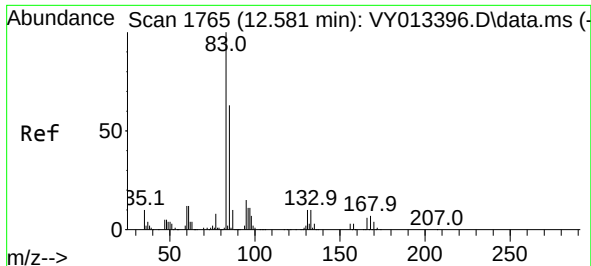
43 100

70 36.5 33.0 49.4

55 23.4 19.8 29.6

61 21.5 19.1 28.7





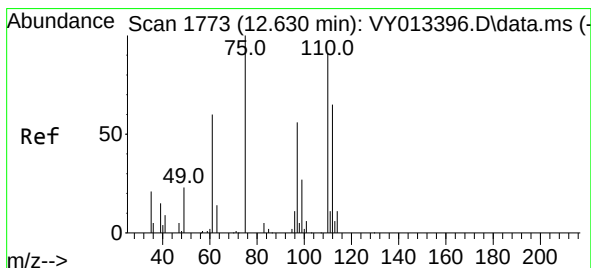
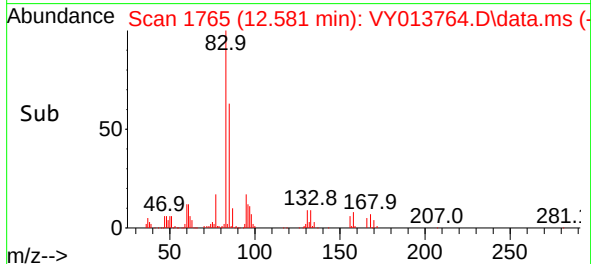
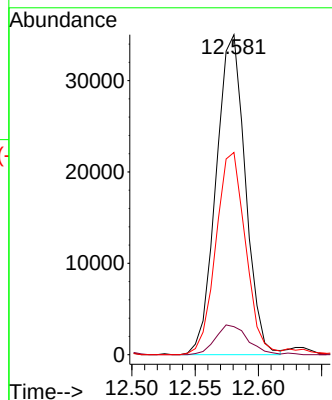
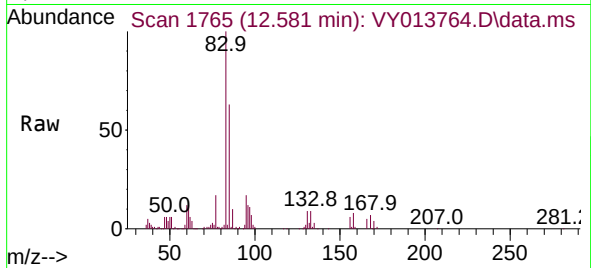
#75
1,1,2,2-Tetrachloroethane
Concen: 22.935 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion: 83 Resp: 56300
Ion Ratio Lower Upper
83 100
131 10.4 5.7 17.0
85 64.2 31.8 95.4

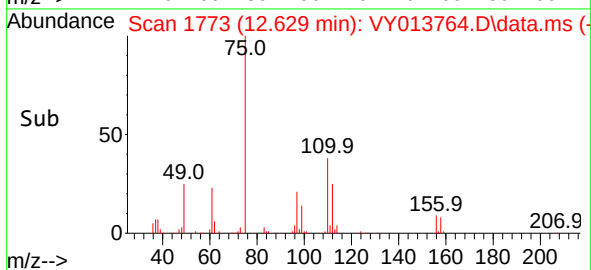
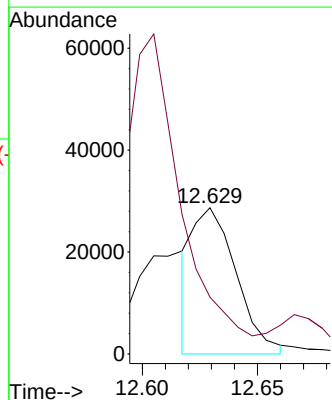
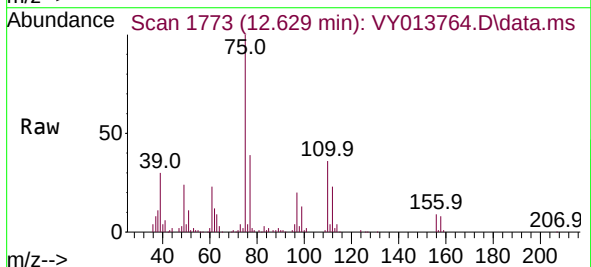
Manual Integrations
APPROVED

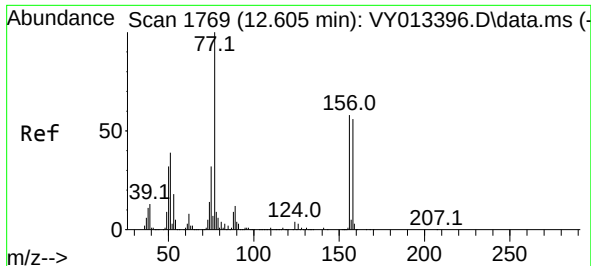
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#76
1,2,3-Trichloropropane
Concen: 21.155 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion: 75 Resp: 37886
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





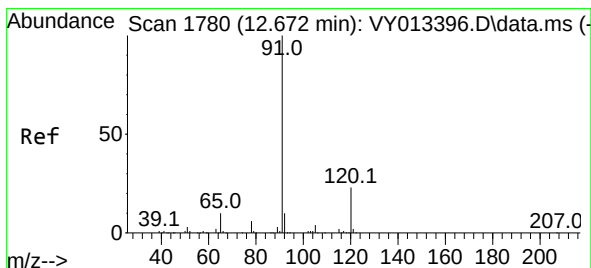
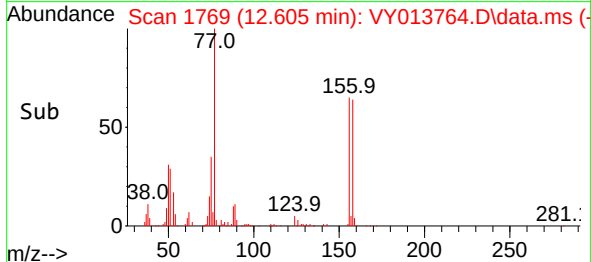
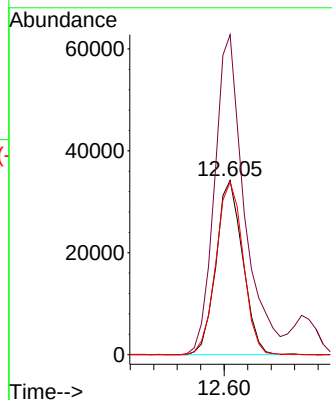
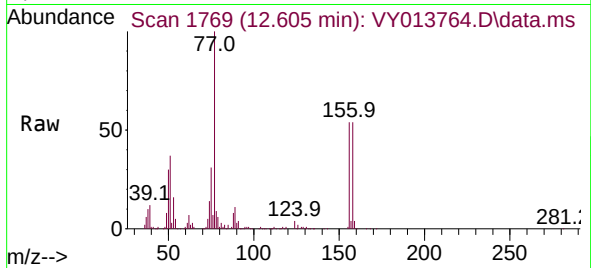
#77
Bromobenzene
Concen: 22.121 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion:156 Resp: 53830
Ion Ratio Lower Upper
156 100
77 204.6 87.6 262.9
158 101.1 48.5 145.5

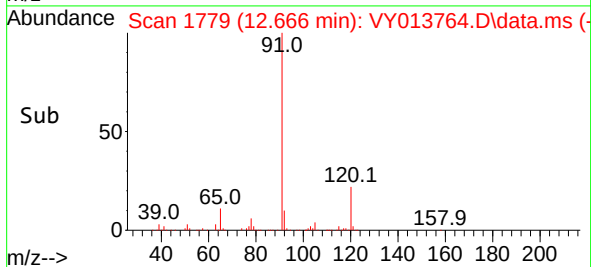
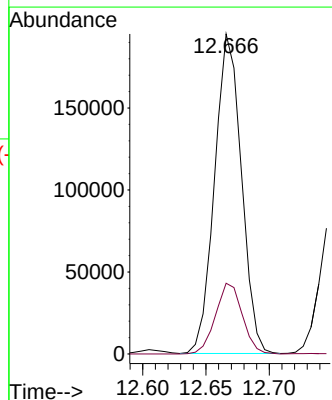
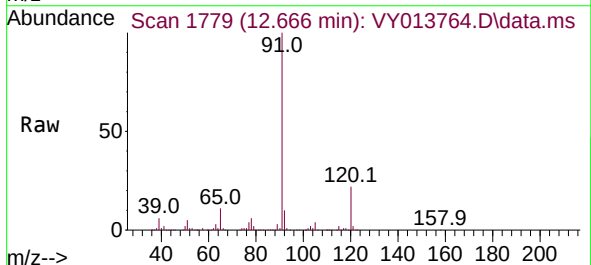
Manual Integrations
APPROVED

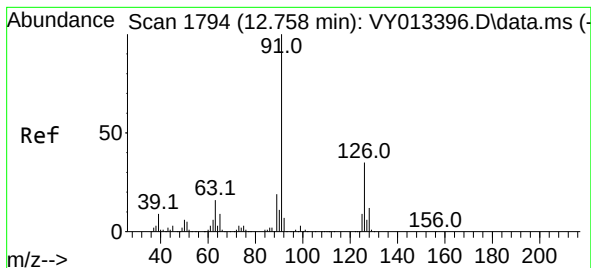
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#78
n-propylbenzene
Concen: 23.172 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion: 91 Resp: 286666
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





#79

2-Chlorotoluene

Concen: 23.056 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03

Tgt Ion: 91 Resp: 15928

Ion Ratio Lower Upper

91 100

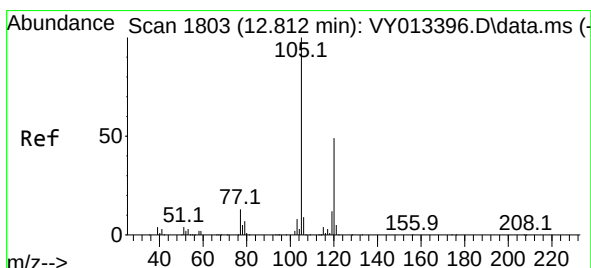
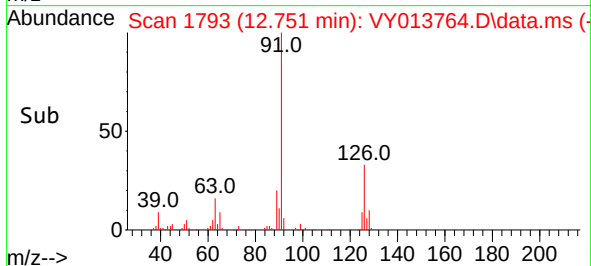
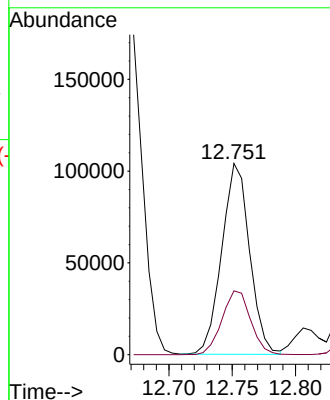
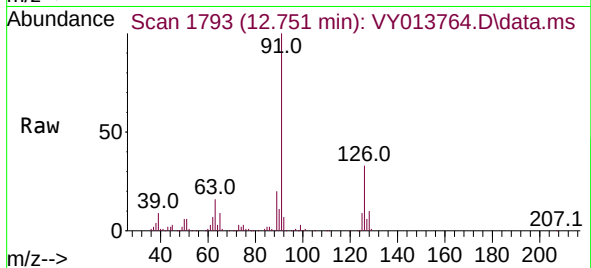
126 34.4 17.8 53.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#80

1,3,5-Trimethylbenzene

Concen: 23.166 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY013764.D

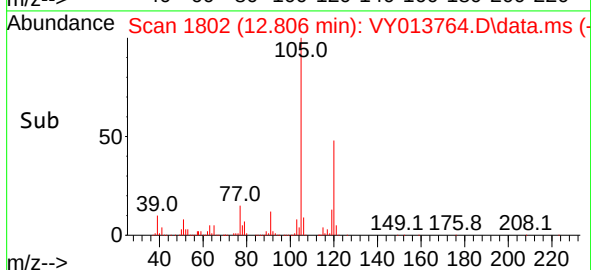
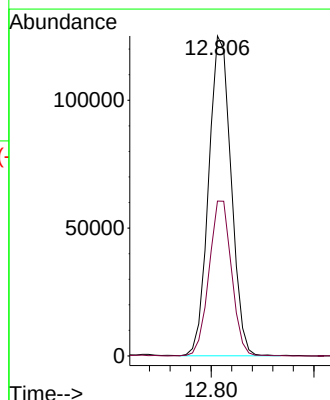
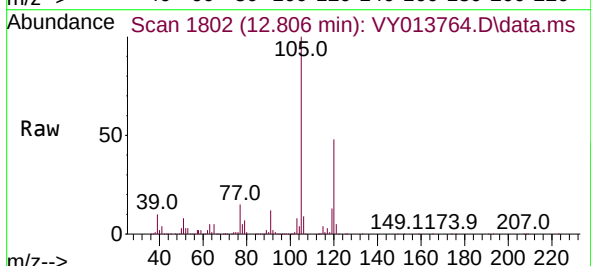
Acq: 16 May 2023 17:09

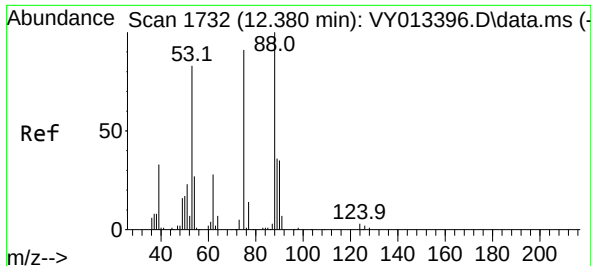
Tgt Ion:105 Resp: 189910

Ion Ratio Lower Upper

105 100

120 48.7 24.7 74.1





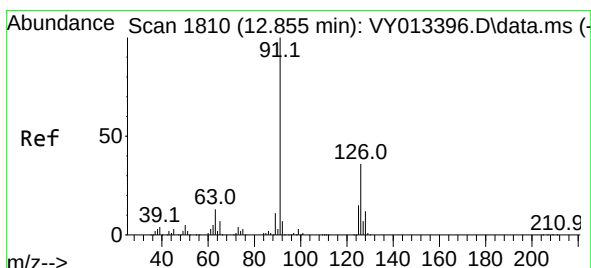
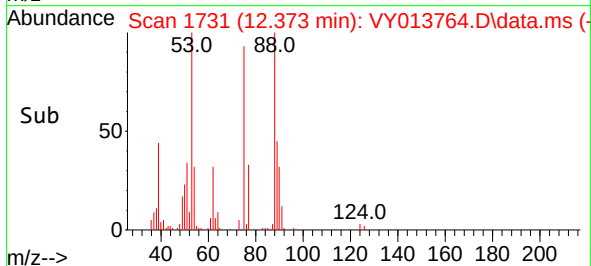
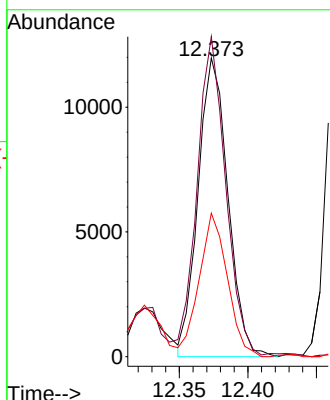
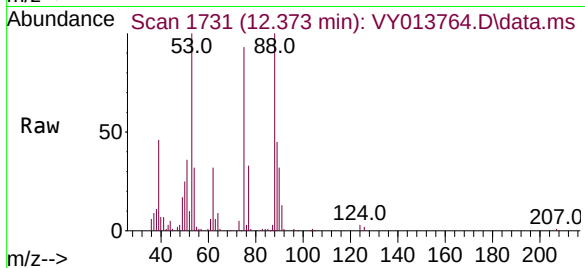
#81
trans-1,4-Dichloro-2-butene
Concen: 20.694 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion: 75 Resp: 1811
Ion Ratio Lower Upper
75 100
53 102.0 73.2 109.8
89 45.4 38.0 57.0

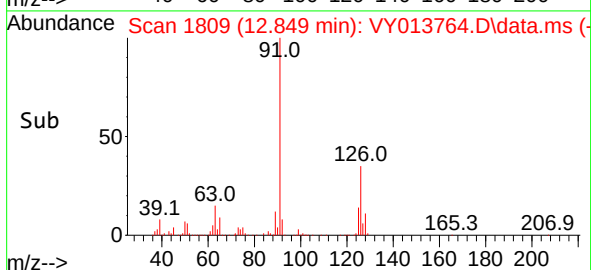
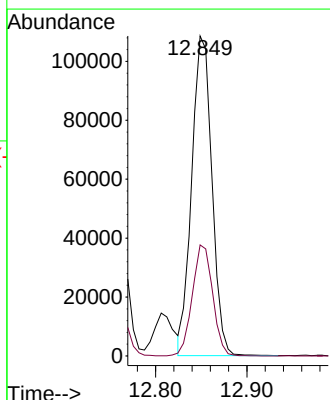
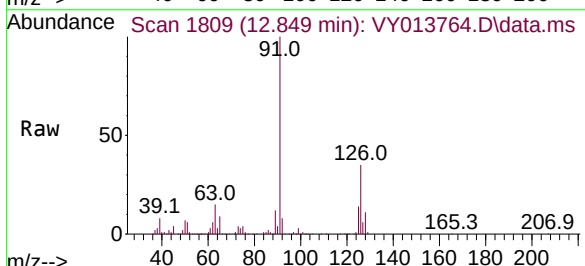
Manual Integrations
APPROVED

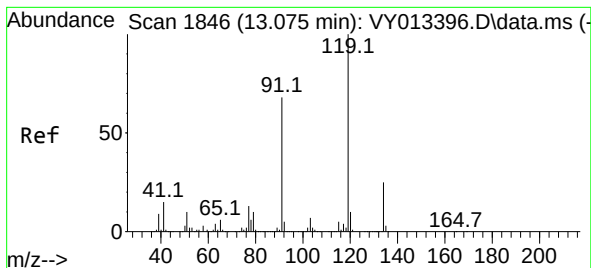
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#82
4-Chlorotoluene
Concen: 23.174 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion: 91 Resp: 166865
Ion Ratio Lower Upper
91 100
126 35.1 17.9 53.8





#83

tert-Butylbenzene

Concen: 22.837 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03

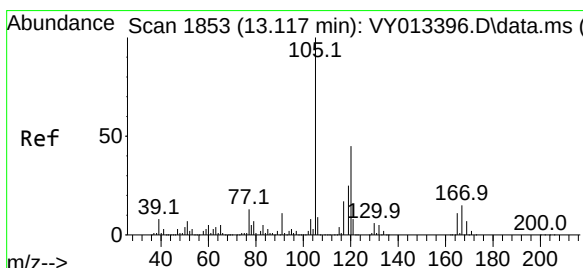
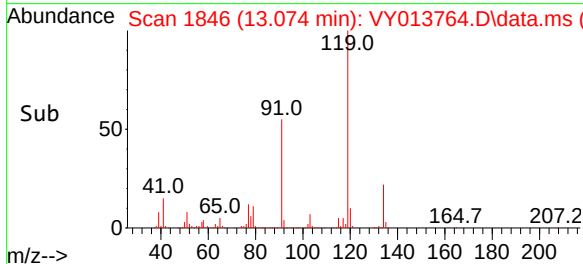
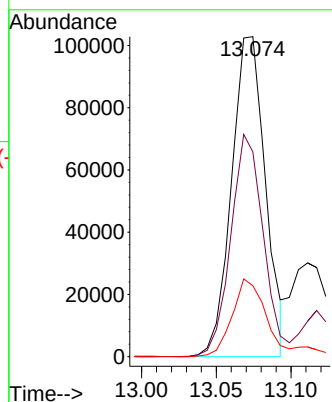
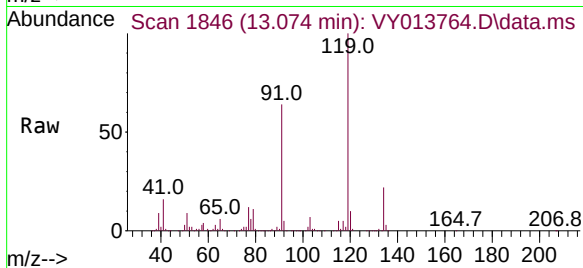
Tgt Ion:	119	Resp:	162194
Ion	Ratio	Lower	Upper
119	100		
91	66.6	32.2	96.6
134	26.1	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#84

1,2,4-Trimethylbenzene

Concen: 23.395 ug/l

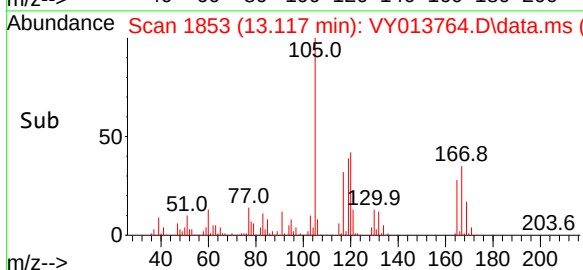
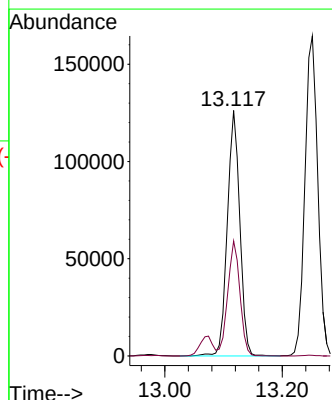
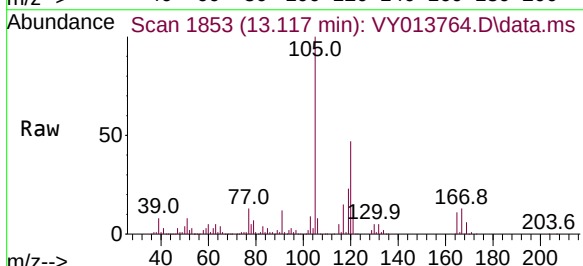
RT: 13.117 min Scan# 1853

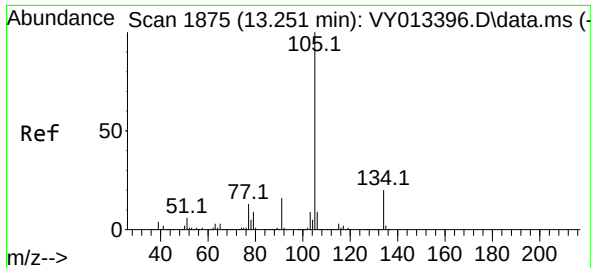
Delta R.T. 0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Tgt Ion:	105	Resp:	186459
Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.3	66.9





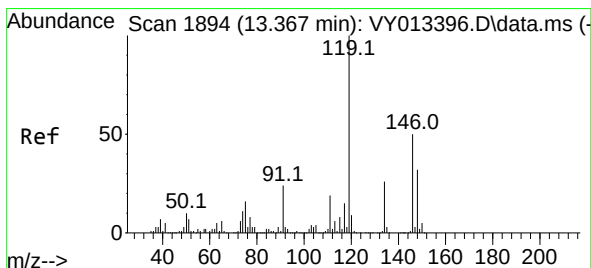
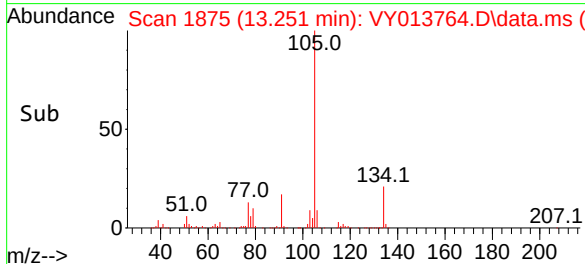
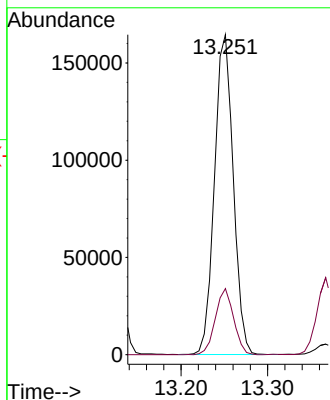
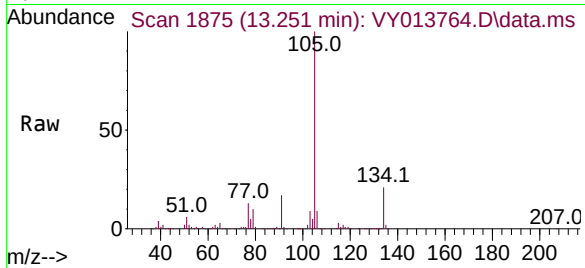
#85
 sec-Butylbenzene
 Concen: 23.243 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013764.D
 Acq: 16 May 2023 17:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS03

Tgt Ion:105 Resp: 24775
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.9

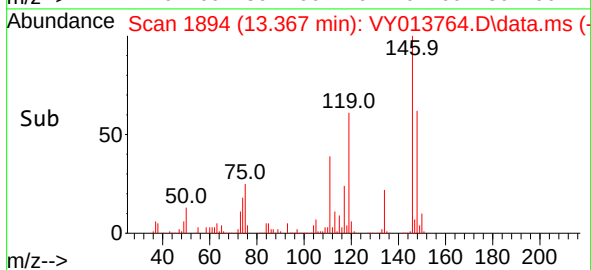
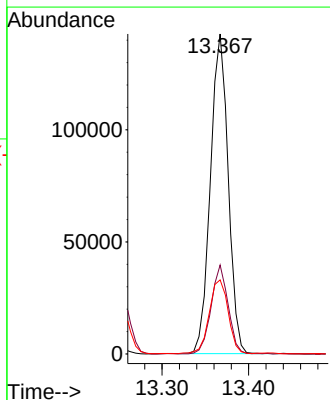
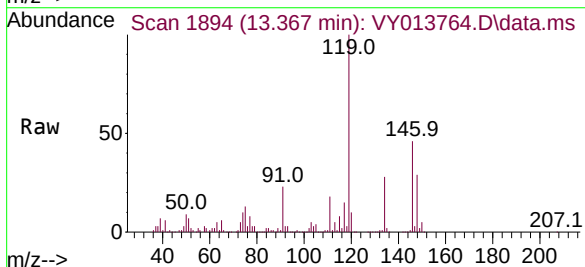
Manual Integrations
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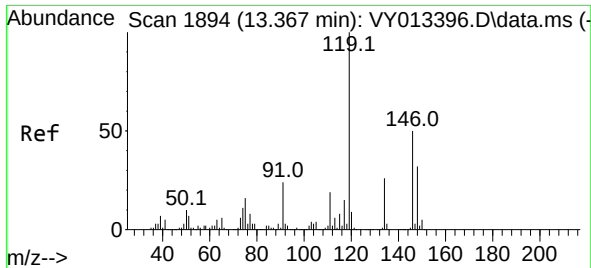
Reviewed By :Krupa Patel 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#86
 p-Isopropyltoluene
 Concen: 23.713 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013764.D
 Acq: 16 May 2023 17:09

Tgt Ion:119 Resp: 203263
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 24.6 12.1 36.3





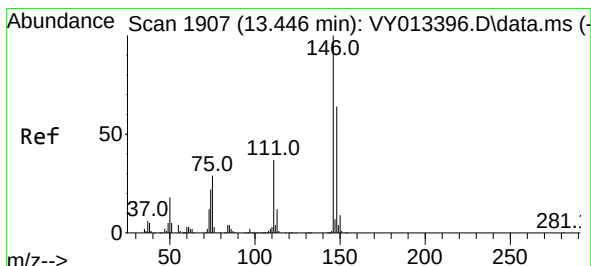
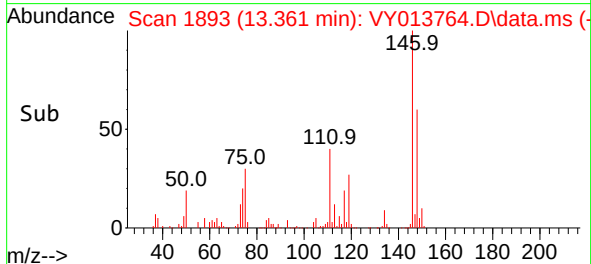
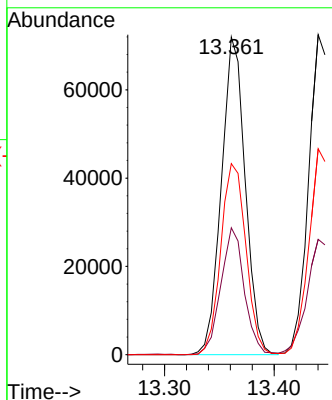
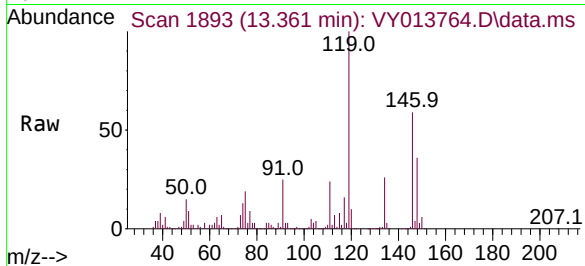
#87
1,3-Dichlorobenzene
Concen: 23.492 ug/l
RT: 13.361 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion:146 Resp: 108924
Ion Ratio Lower Upper
146 100
111 39.4 19.3 57.9
148 63.3 31.9 95.7

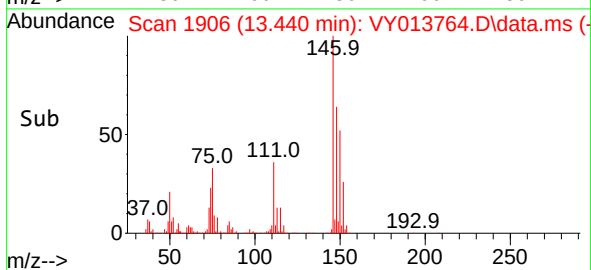
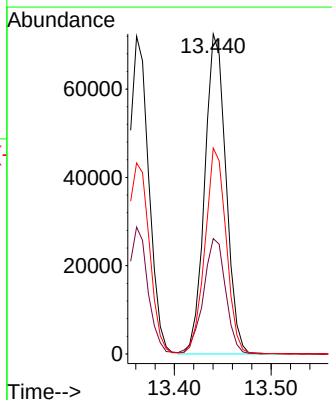
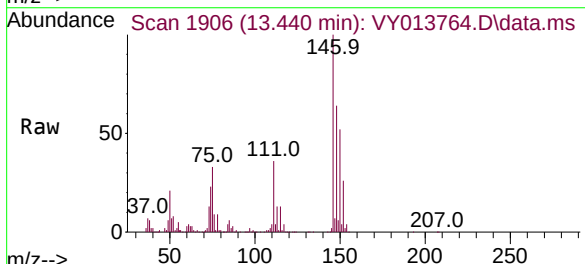
Manual Integrations
APPROVED

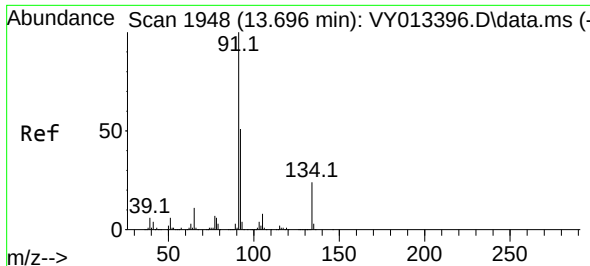
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#88
1,4-Dichlorobenzene
Concen: 23.646 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

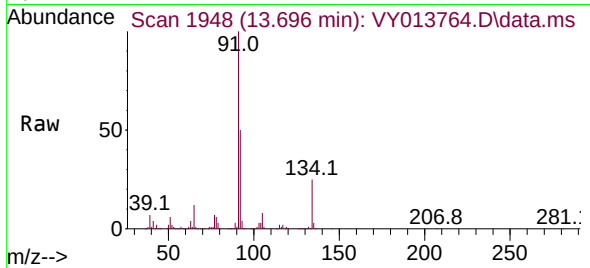
Tgt Ion:146 Resp: 110750
Ion Ratio Lower Upper
146 100
111 37.7 18.9 56.5
148 64.1 31.9 95.5





#89
n-Butylbenzene
Concen: 23.964 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

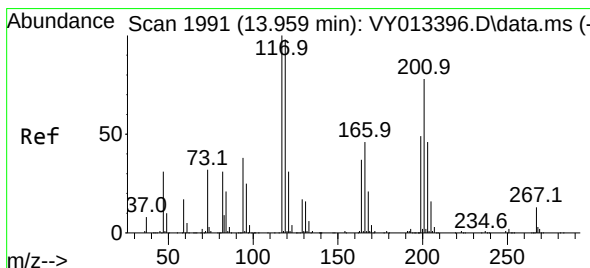
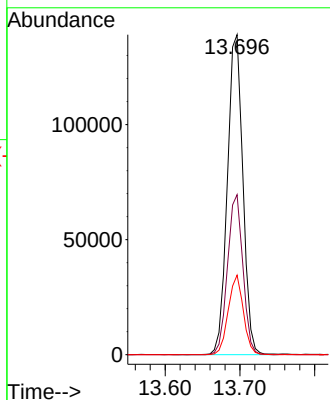
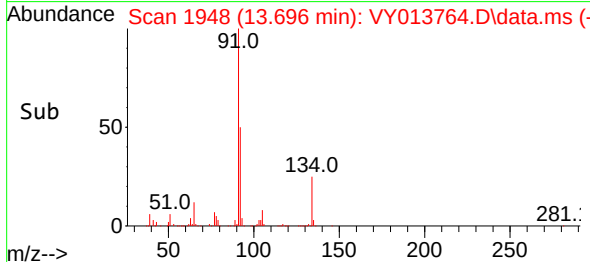
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03



Tgt Ion: 91 Resp: 200480
Ion Ratio Lower Upper
91 100
92 49.6 25.8 77.3
134 24.2 13.5 40.4

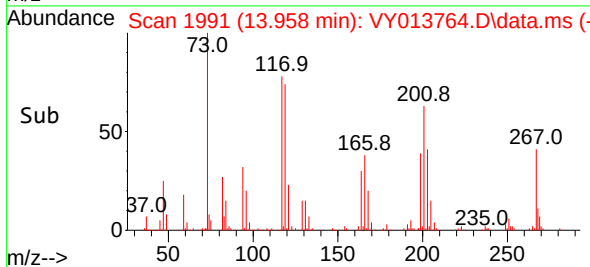
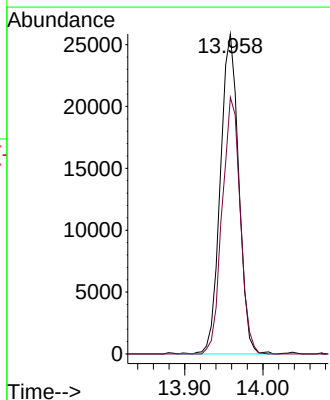
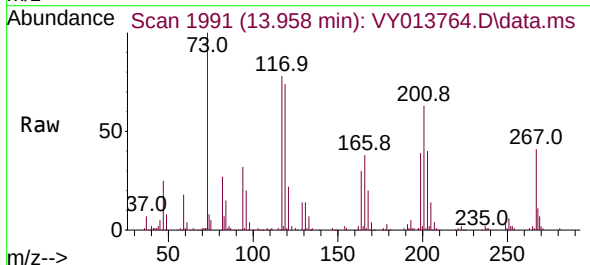
Manual Integrations
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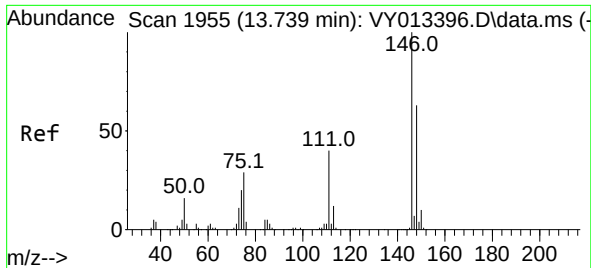
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#90
Hexachloroethane
Concen: 23.394 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion:117 Resp: 42204
Ion Ratio Lower Upper
117 100
201 79.0 41.6 124.8





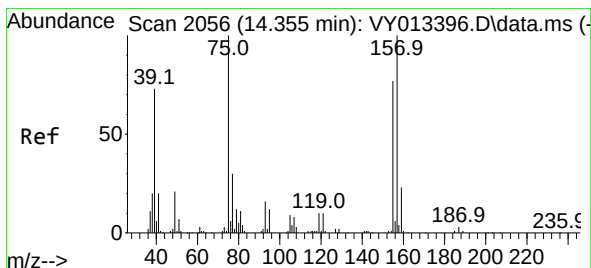
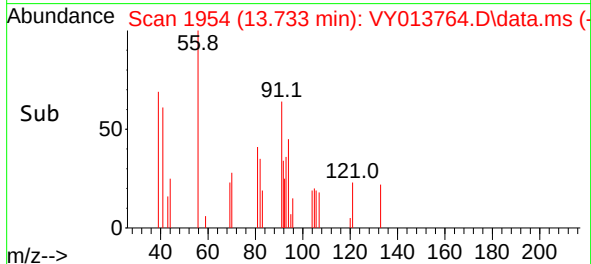
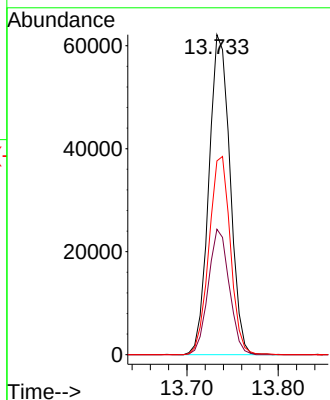
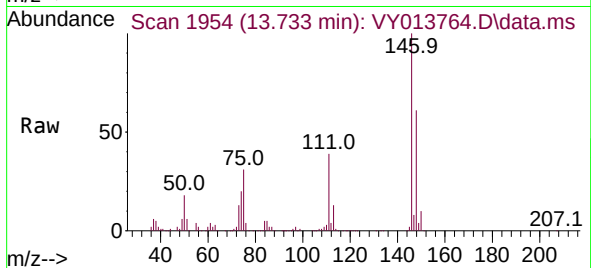
#91
1,2-Dichlorobenzene
Concen: 23.819 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS03

Tgt Ion:146 Resp: 9972
Ion Ratio Lower Upper
146 100
111 38.9 19.8 59.4
148 62.8 31.8 95.4

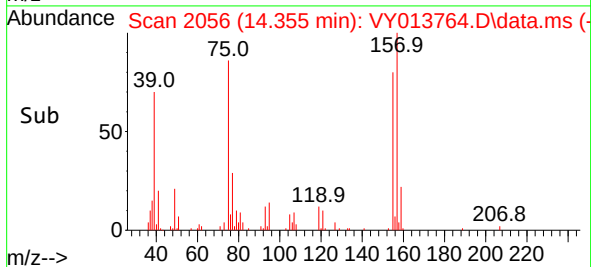
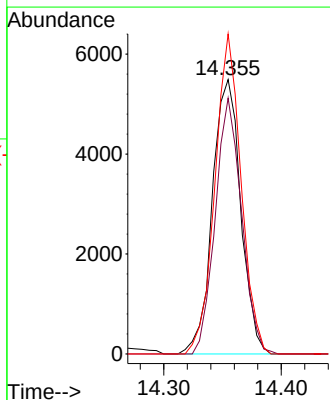
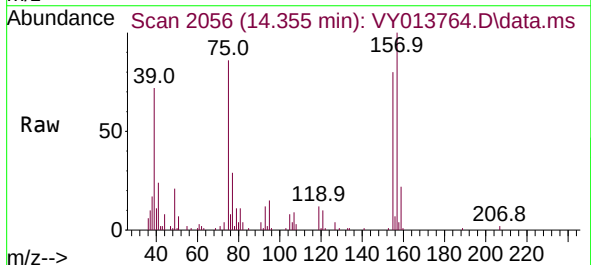
Manual Integrations
APPROVED

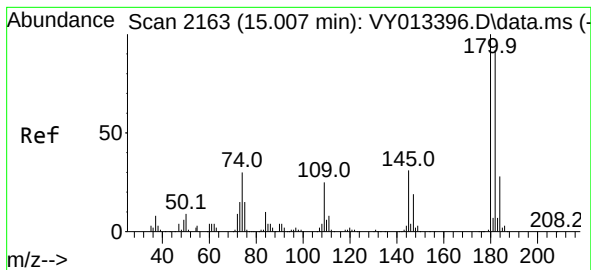
Reviewed By :Krupa Patel 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.232 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013764.D
Acq: 16 May 2023 17:09

Tgt Ion: 75 Resp: 9206
Ion Ratio Lower Upper
75 100
155 86.4 44.6 134.0
157 107.7 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 23.676 ug/l

RT: 15.001 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03

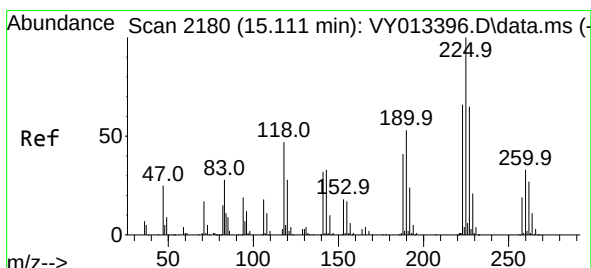
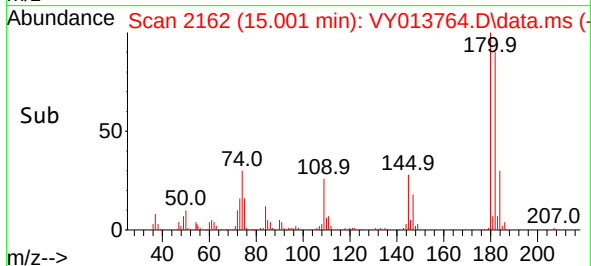
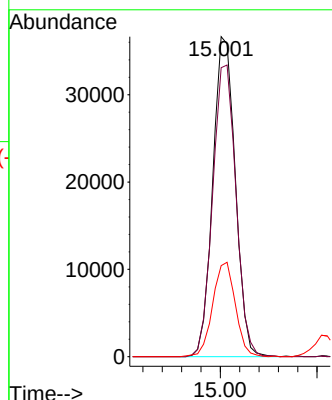
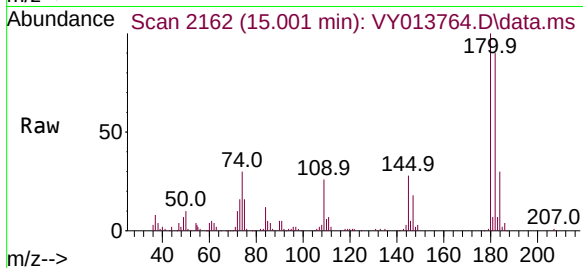
Tgt Ion:	180	Resp:	5910
Ion Ratio	Lower	Upper	
180	100		
182	94.7	48.5	145.5
145	29.8	15.0	45.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#94

Hexachlorobutadiene

Concen: 24.892 ug/l

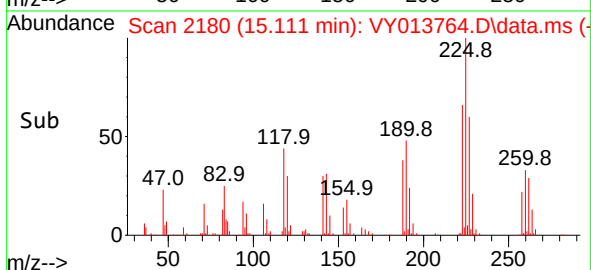
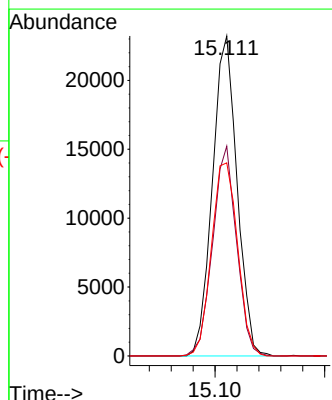
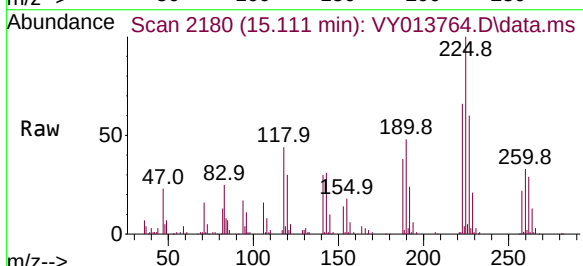
RT: 15.111 min Scan# 2180

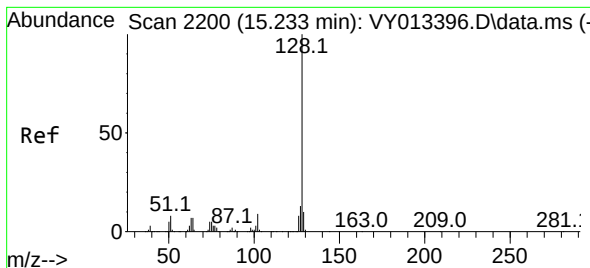
Delta R.T. -0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Tgt Ion:	225	Resp:	36163
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.4	94.2
227	64.4	32.0	96.0





#95

Naphthalene

Concen: 22.765 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013764.D

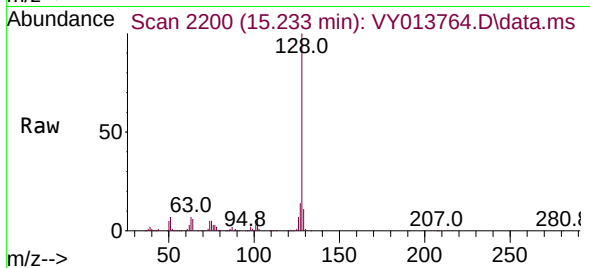
Acq: 16 May 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS03



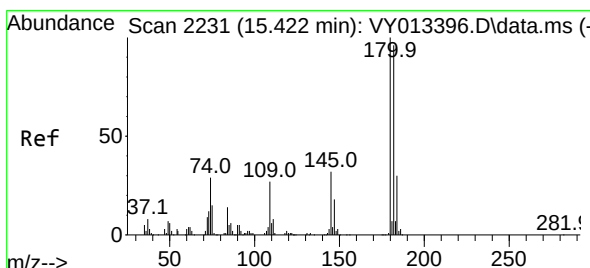
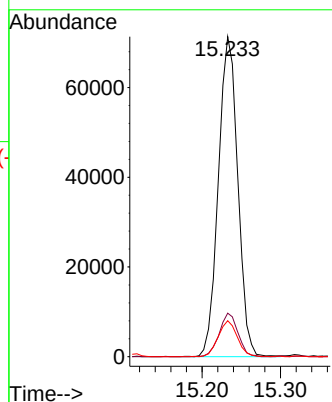
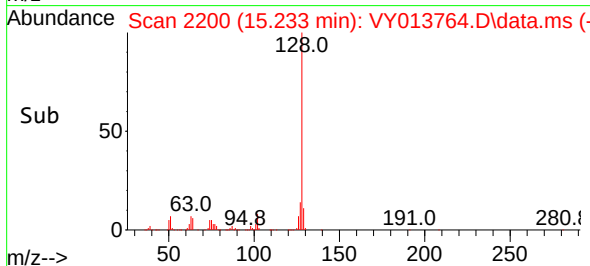
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 23.971 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013764.D

Acq: 16 May 2023 17:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.1	141.3
145	32.0	15.9	47.7

