

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014631.D
 Acq On : 13 Jul 2023 16:48
 Operator : SY/MD
 Sample : VY0713SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Quant Time: Jul 14 04:26:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/14/2023
 Supervised By : Mahesh Dadoda 07/14/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	304391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	507403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	450163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	222283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	169914	48.986	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.980%		
35) Dibromofluoromethane	7.710	113	153714	47.589	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.180%		
50) Toluene-d8	10.173	98	559177	46.957	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.920%		
62) 4-Bromofluorobenzene	12.477	95	215725	47.245	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	64199	25.888	ug/l	97
3) Chloromethane	2.107	50	67525	24.223	ug/l	98
4) Vinyl Chloride	2.241	62	74692	23.974	ug/l	98
5) Bromomethane	2.613	94	44628	21.676	ug/l	95
6) Chloroethane	2.772	64	44318	22.773	ug/l	96
7) Trichlorofluoromethane	3.107	101	121817	23.281	ug/l	99
8) Diethyl Ether	3.515	74	45557	23.400	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.881	101	72817	22.705	ug/l	95
10) Methyl Iodide	4.076	142	68309	21.509	ug/l	96
11) Tert butyl alcohol	4.942	59	144710	196.377	ug/l #	93
12) 1,1-Dichloroethene	3.851	96	67777	22.611	ug/l	94
13) Acrolein	3.717	56	39372	108.600	ug/l	100
14) Allyl chloride	4.460	41	119312	22.418	ug/l	95
15) Acrylonitrile	5.149	53	135934	126.619	ug/l	99
16) Acetone	3.942	43	120616	109.733	ug/l	92
17) Carbon Disulfide	4.174	76	196955	22.951	ug/l	98
18) Methyl Acetate	4.466	43	110457	26.186	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	228718	23.490	ug/l	99
20) Methylene Chloride	4.704	84	94338	24.244	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	77363	22.743	ug/l	99
22) Diisopropyl ether	6.112	45	241204	22.291	ug/l	91
23) Vinyl Acetate	6.045	43	750791	115.947	ug/l #	95
24) 1,1-Dichloroethane	6.003	63	137486	22.206	ug/l	96
25) 2-Butanone	6.978	43	201322	125.194	ug/l	96
26) 2,2-Dichloropropane	6.972	77	127845	21.666	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	89899	22.705	ug/l	96
28) Bromochloromethane	7.320	49	61302	22.990	ug/l	95
29) Tetrahydrofuran	7.338	42	131961	133.269	ug/l	93
30) Chloroform	7.496	83	142081	22.254	ug/l	96
31) Cyclohexane	7.777	56	127760	22.188	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	128584	22.377	ug/l	99
36) 1,1-Dichloropropene	7.905	75	108667	22.497	ug/l	99
37) Ethyl Acetate	7.070	43	85599	25.739	ug/l #	95
38) Carbon Tetrachloride	7.893	117	113908	22.308	ug/l	99
39) Methylcyclohexane	9.179	83	141329	22.458	ug/l	95
40) Benzene	8.155	78	308627	22.466	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	44179m	25.827	ug/l	
42) 1,2-Dichloroethane	8.228	62	100923	23.199	ug/l	94
43) Isopropyl Acetate	8.264	43	153298	24.198	ug/l	96
44) Trichloroethene	8.935	130	86957	22.623	ug/l	99
45) 1,2-Dichloropropane	9.209	63	80242	22.369	ug/l	98
46) Dibromomethane	9.301	93	50825	23.355	ug/l	95
47) Bromodichloromethane	9.490	83	115212	22.462	ug/l	100
48) Methyl methacrylate	9.289	41	71170	24.966	ug/l	93
49) 1,4-Dioxane	9.295	88	19322	544.511	ug/l #	41
51) 4-Methyl-2-Pentanone	10.063	43	426185	128.128	ug/l	94
52) Toluene	10.240	92	196583	22.362	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	125620	22.391	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	136583	22.386	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	70643	23.304	ug/l	97
56) Ethyl methacrylate	10.502	69	110341	23.840	ug/l	91
57) 1,3-Dichloropropane	10.782	76	119451	22.846	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	250368	116.095	ug/l	95
59) 2-Hexanone	10.825	43	309903	127.760	ug/l	91
60) Dibromochloromethane	10.977	129	85540	23.015	ug/l	100
61) 1,2-Dibromoethane	11.087	107	71570	23.666	ug/l	99
64) Tetrachloroethene	10.715	164	85208	23.535	ug/l	98
65) Chlorobenzene	11.514	112	212413	22.143	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	81008	22.397	ug/l	98
67) Ethyl Benzene	11.587	91	383623	22.149	ug/l	100
68) m/p-Xylenes	11.697	106	293381	44.375	ug/l	97
69) o-Xylene	12.026	106	143018	22.209	ug/l	99
70) Styrene	12.038	104	243588	22.443	ug/l	98
71) Bromoform	12.203	173	57800	23.576	ug/l #	100
73) Isopropylbenzene	12.325	105	377508	21.690	ug/l	99
74) N-amyl acetate	12.136	43	138526	23.764	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	92867	23.398	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	76488m	27.245	ug/l	
77) Bromobenzene	12.605	156	88034	22.158	ug/l	92
78) n-propylbenzene	12.666	91	453793	21.637	ug/l	99
79) 2-Chlorotoluene	12.751	91	259256	21.461	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	317095	21.815	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	33369	23.014	ug/l	94
82) 4-Chlorotoluene	12.849	91	267450	21.497	ug/l	100
83) tert-Butylbenzene	13.068	119	269459	20.898	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	313764	21.995	ug/l	100
85) sec-Butylbenzene	13.251	105	414542	21.916	ug/l	100
86) p-Isopropyltoluene	13.367	119	341926	22.141	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	173353	22.419	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	172821	22.304	ug/l	98
89) n-Butylbenzene	13.690	91	329462	21.928	ug/l	97
90) Hexachloroethane	13.959	117	68194	21.498	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	157874	22.285	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18640	24.557	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	100294	22.302	ug/l	99
94) Hexachlorobutadiene	15.105	225	53513	21.654	ug/l	98
95) Naphthalene	15.233	128	249052	23.771	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	90783	22.714	ug/l	98

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ALS Vial : 14 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY0713SBSD01

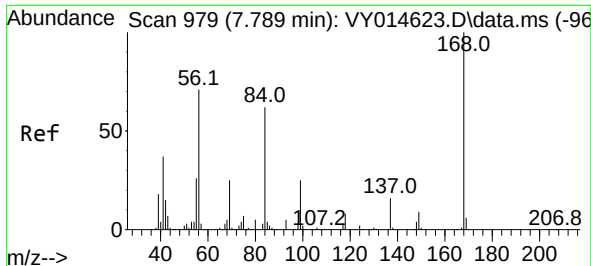
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/14/2023

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Response via : Initial Calibration

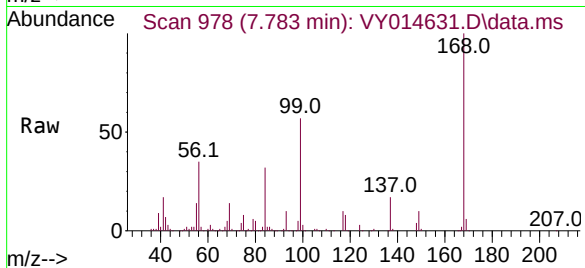
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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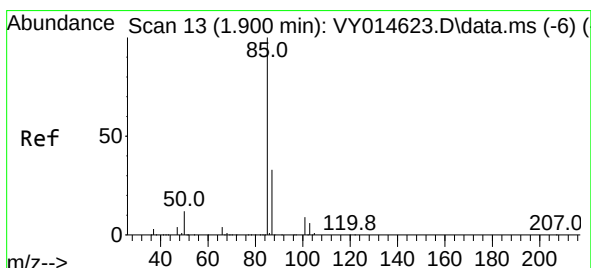
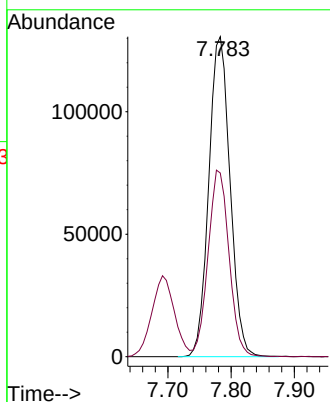
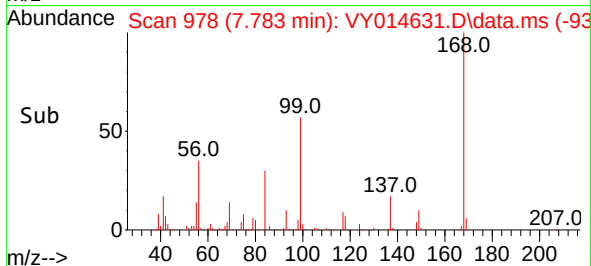
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion:168 Resp: 30439
Ion Ratio Lower Upper
168 100
99 57.3 43.4 65.0

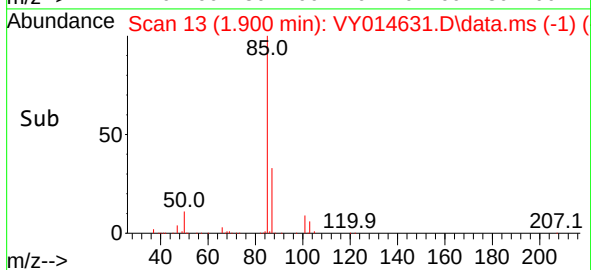
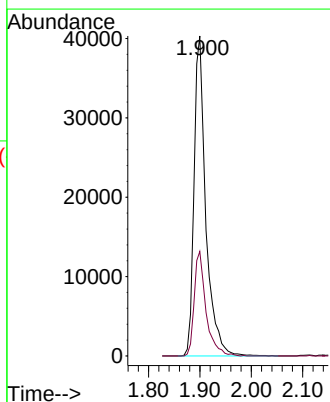
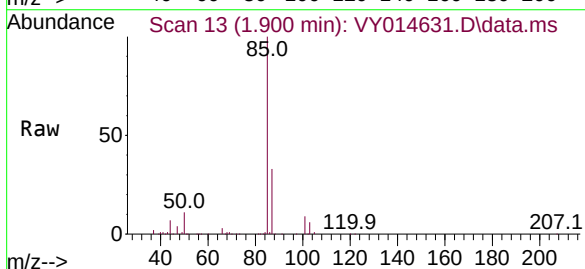
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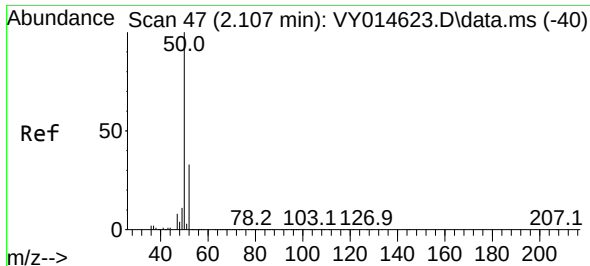
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#2
Dichlorodifluoromethane
Concen: 25.888 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

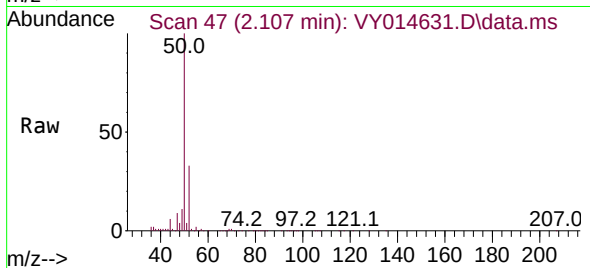
Tgt Ion: 85 Resp: 64199
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





#3
Chloromethane
Concen: 24.223 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

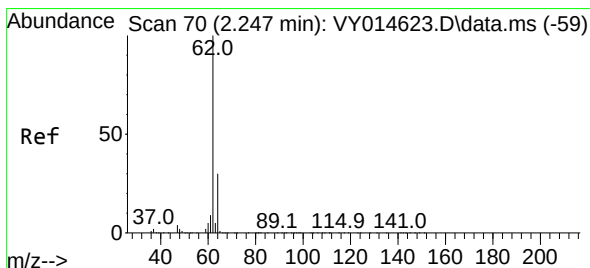
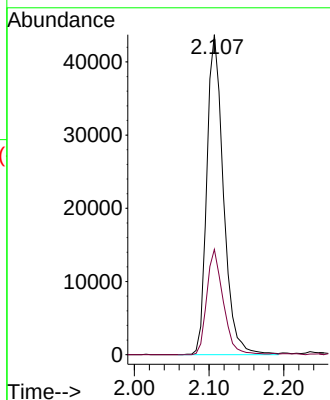
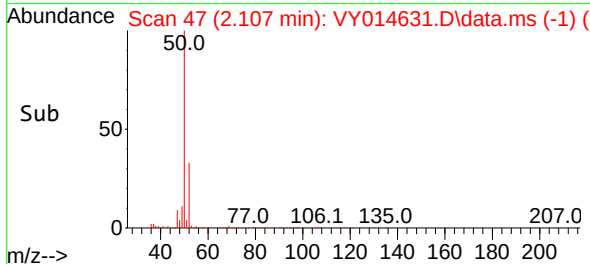
Instrument :
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Tgt Ion: 50 Resp: 6752
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2

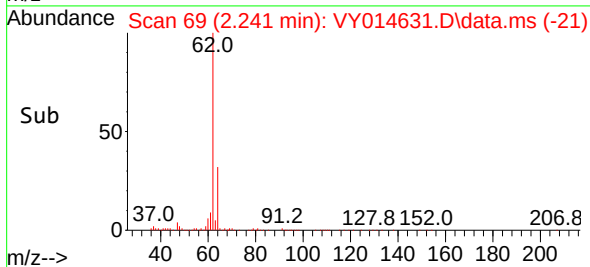
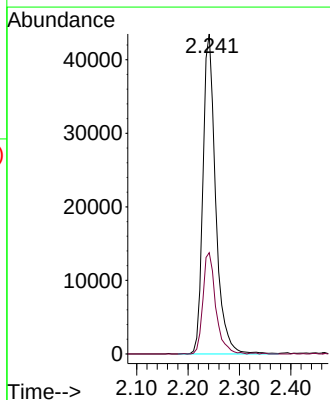
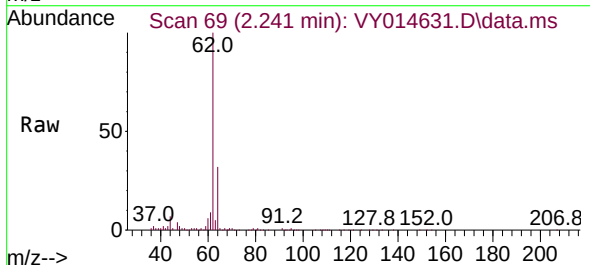
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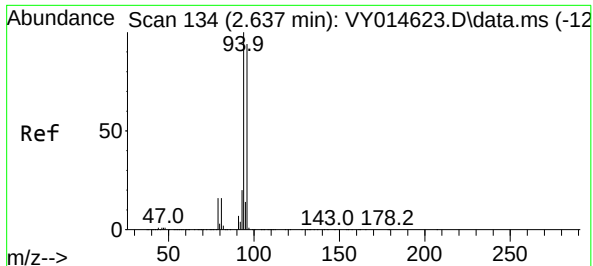
Reviewed By :John Carlone 07/14/2023
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#4
Vinyl Chloride
Concen: 23.974 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

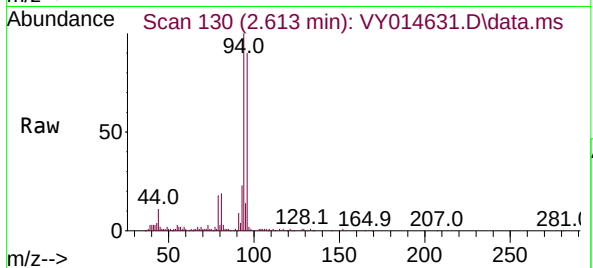
Tgt Ion: 62 Resp: 74692
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5





#5
Bromomethane
Concen: 21.676 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

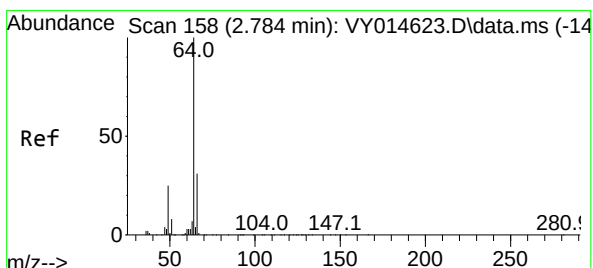
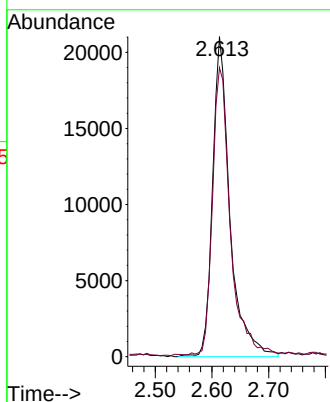
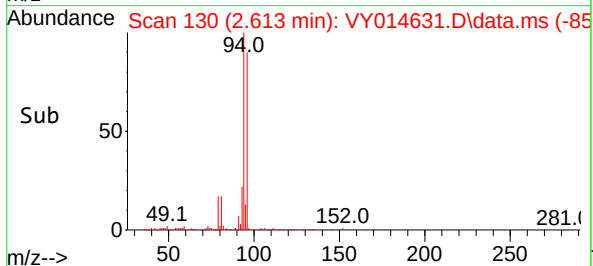
Instrument :
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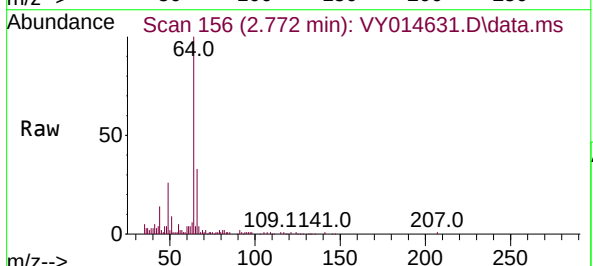
Tgt Ion: 94 Resp: 44628
Ion Ratio Lower Upper
94 100
96 89.6 75.8 113.6

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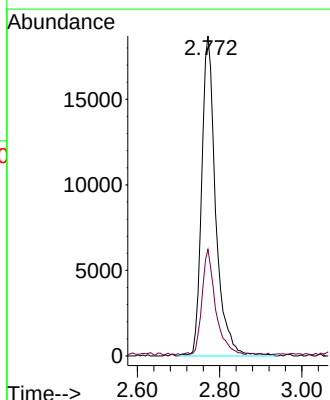
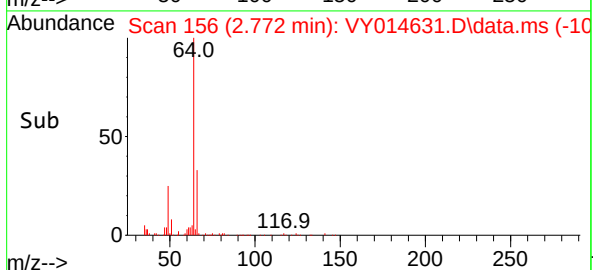
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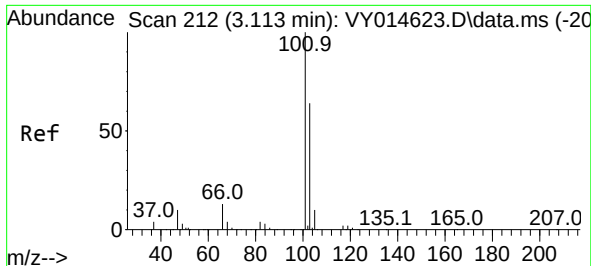


#6
Chloroethane
Concen: 22.773 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48



Tgt Ion: 64 Resp: 44318
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6





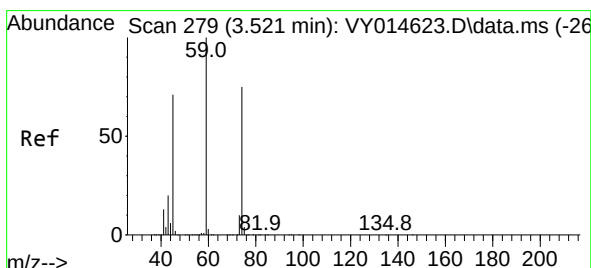
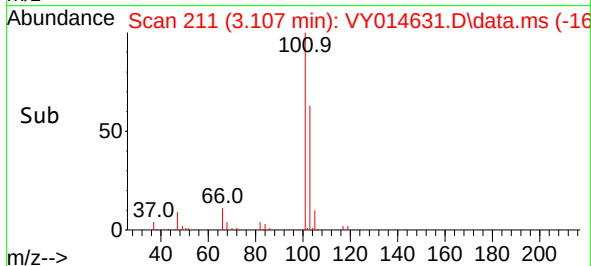
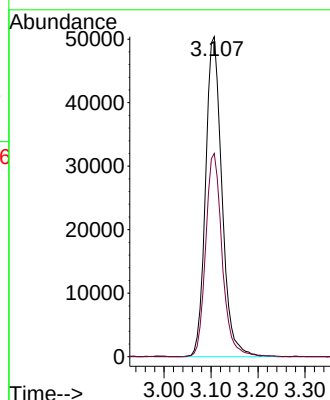
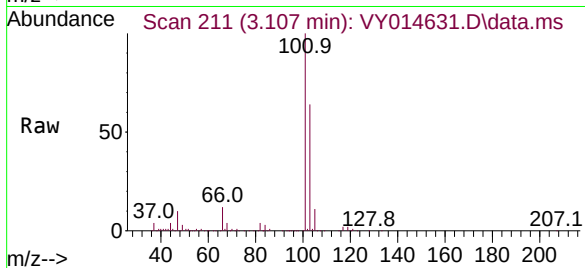
#7
Trichlorofluoromethane
Concen: 23.281 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tgt Ion:101 Resp: 12181
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0

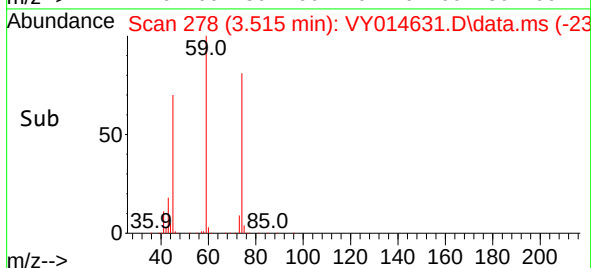
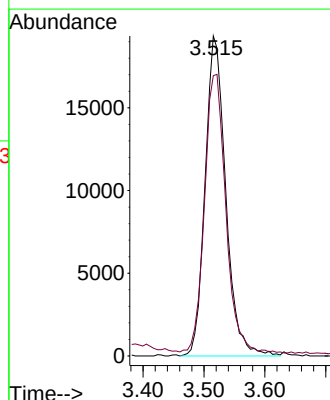
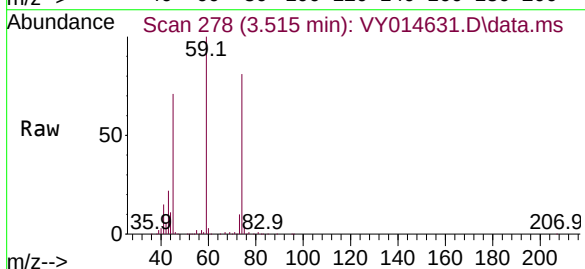
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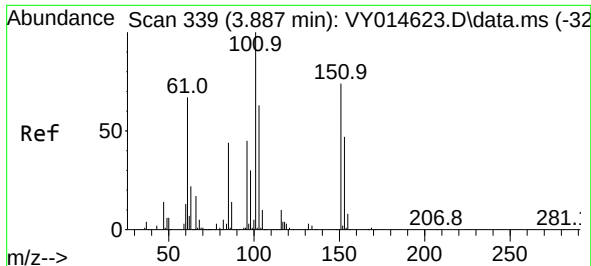
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#8
Diethyl Ether
Concen: 23.400 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 74 Resp: 45557
Ion Ratio Lower Upper
74 100
45 90.0 51.5 154.5





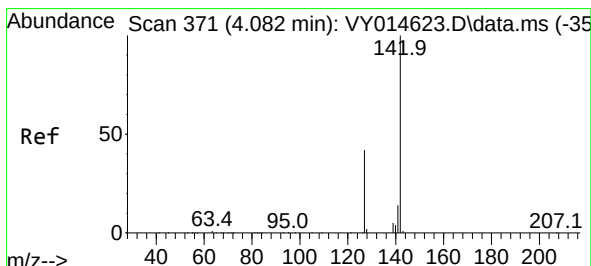
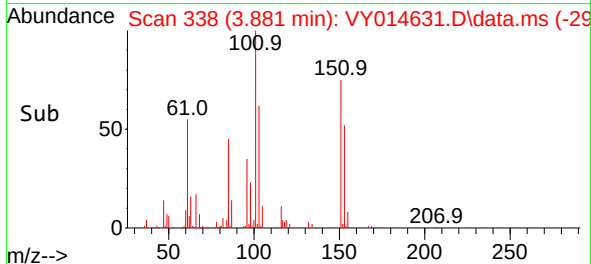
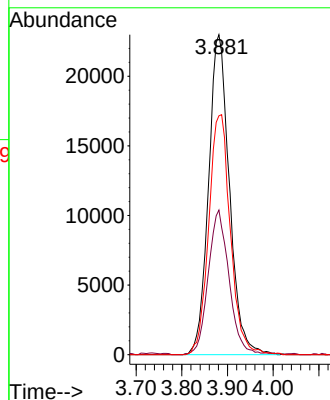
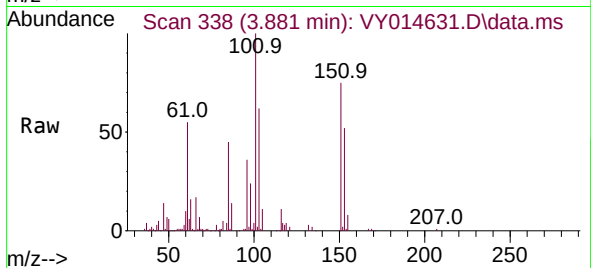
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.705 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tgt Ion:101 Resp: 7281
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 78.0 67.0 100.6

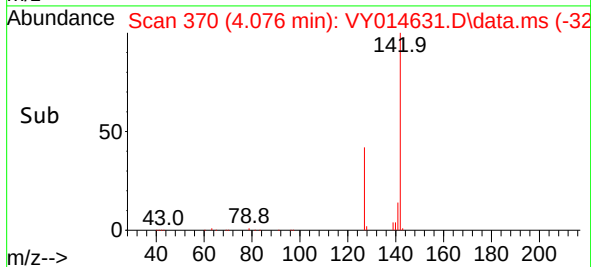
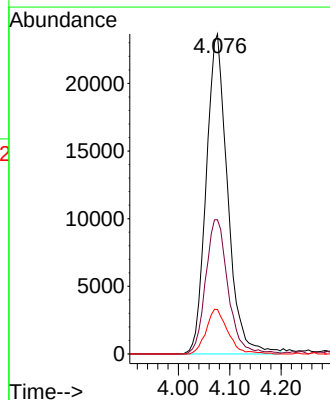
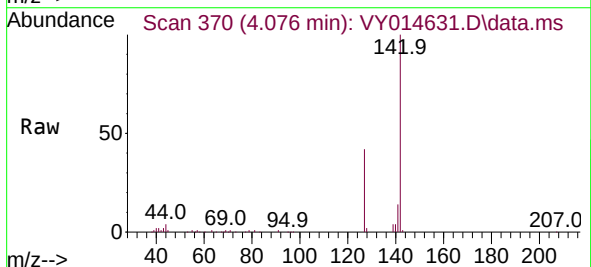
Manual Integrations
APPROVED

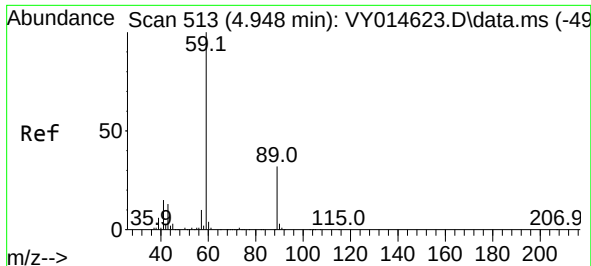
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#10
Methyl Iodide
Concen: 21.509 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

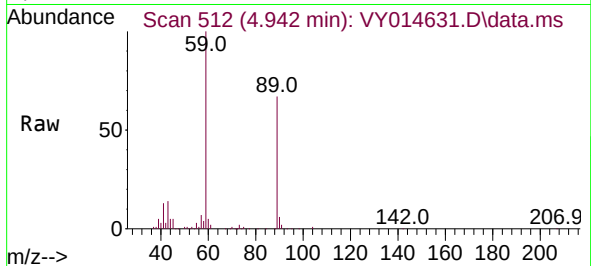
Tgt Ion:142 Resp: 68309
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 14.2 11.8 17.8





#11
Tert butyl alcohol
Concen: 196.377 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

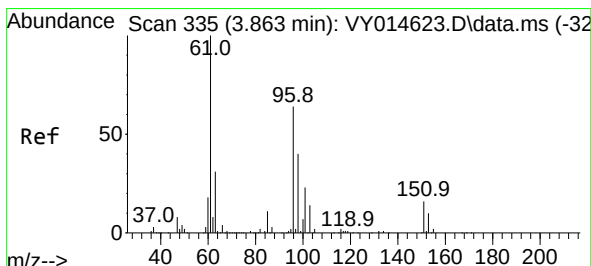
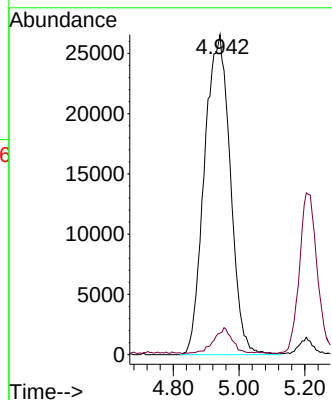
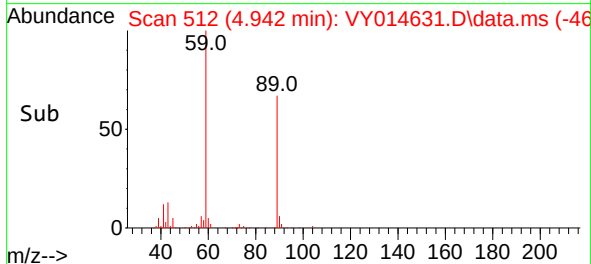
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01



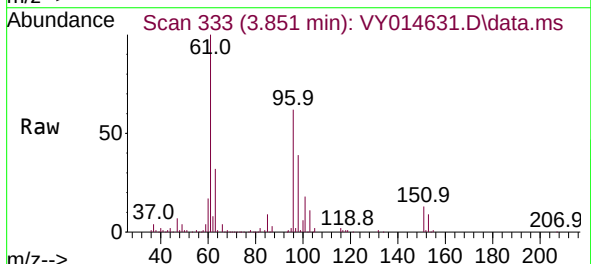
Tgt Ion: 59 Resp: 144710
Ion Ratio Lower Upper
59 100
57 6.0 3.0 4.4

Manual Integrations
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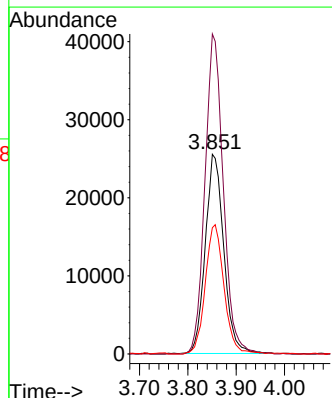
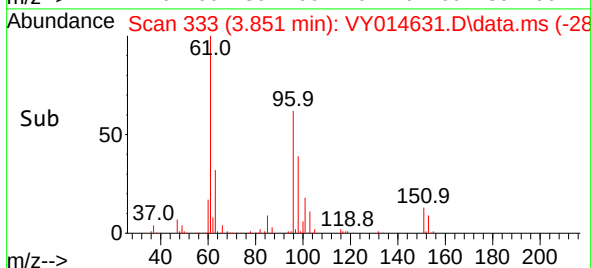
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

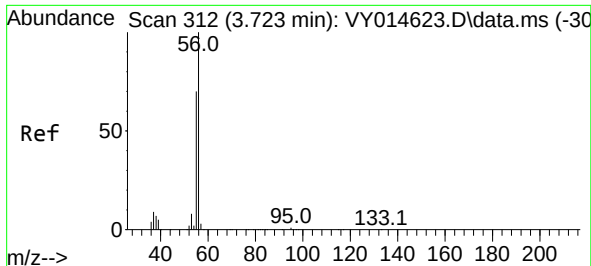


#12
1,1-Dichloroethene
Concen: 22.611 ug/l
RT: 3.851 min Scan# 333
Delta R.T. -0.012 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48



Tgt Ion: 96 Resp: 67777
Ion Ratio Lower Upper
96 100
61 160.7 136.4 204.6
98 63.3 49.4 74.2





#13

Acrolein

Concen: 108.600 ug/l

RT: 3.717 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tgt Ion: 56 Resp: 39372

Ion Ratio Lower Upper

56 100

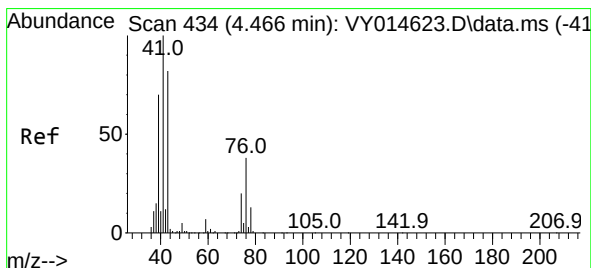
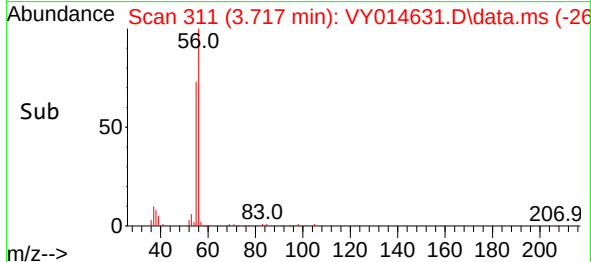
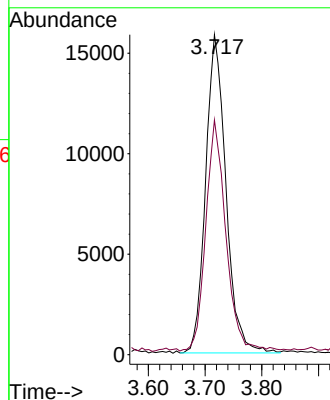
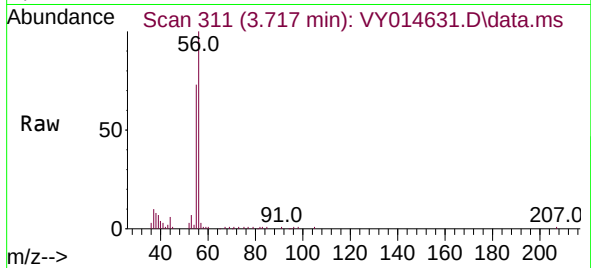
55 71.4 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#14

Allyl chloride

Concen: 22.418 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

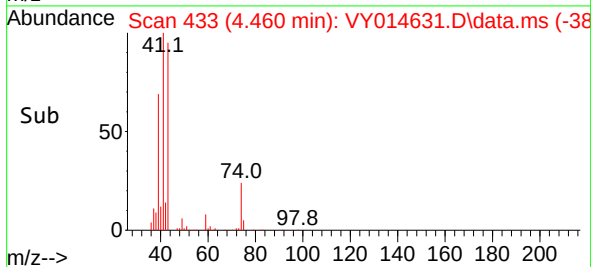
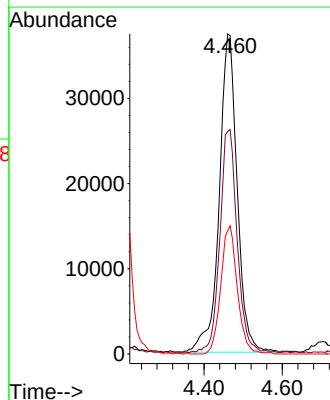
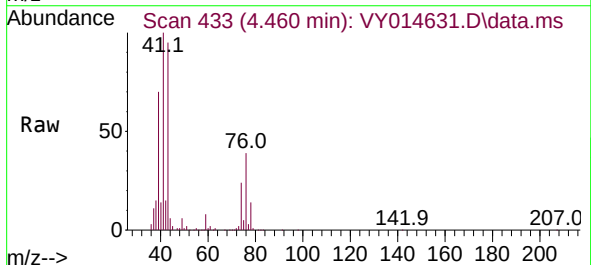
Tgt Ion: 41 Resp: 119312

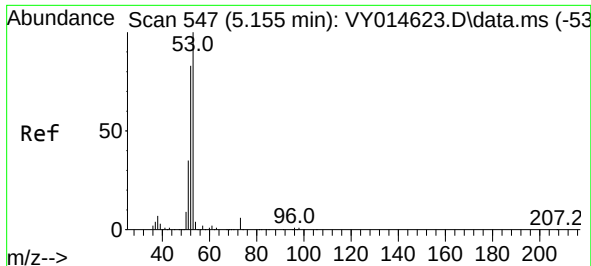
Ion Ratio Lower Upper

41 100

39 68.3 58.0 87.0

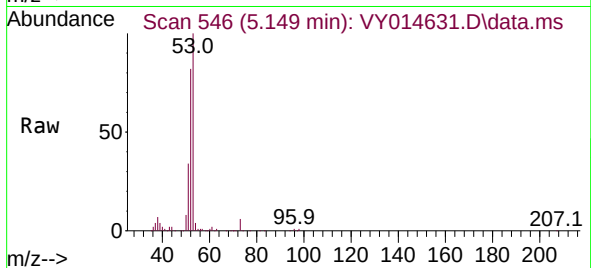
76 37.1 27.4 41.2





#15
Acrylonitrile
Concen: 126.619 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

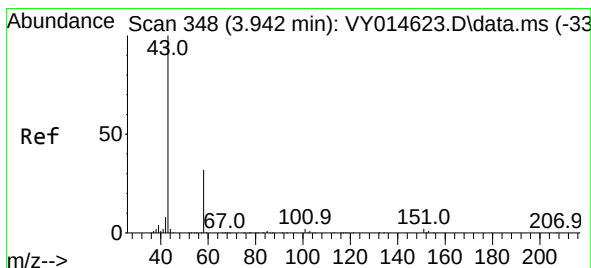
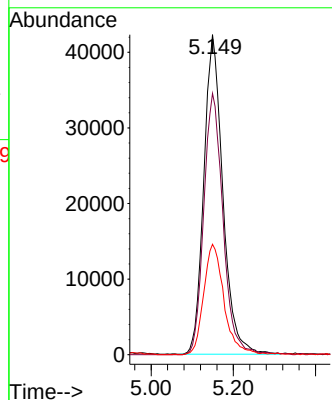
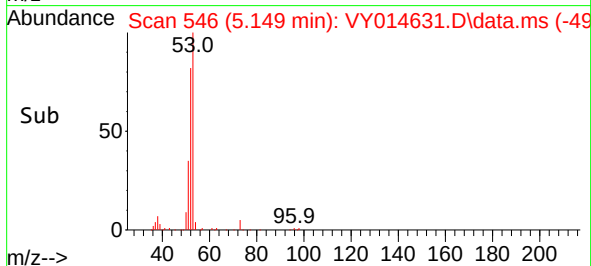
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 53 Resp: 135934
Ion Ratio Lower Upper
53 100
52 82.7 66.9 100.3
51 36.8 29.8 44.6

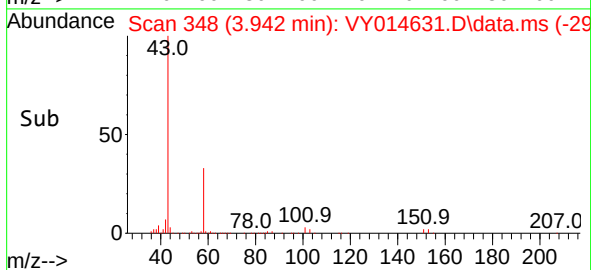
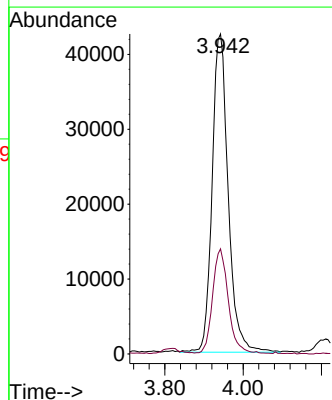
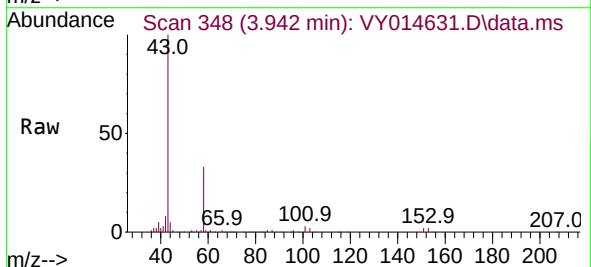
Manual Integrations
APPROVED

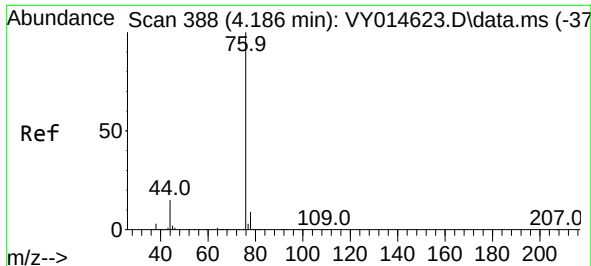
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#16
Acetone
Concen: 109.733 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

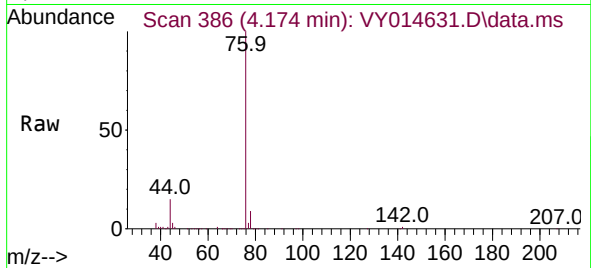
Tgt Ion: 43 Resp: 120616
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1





#17
Carbon Disulfide
Concen: 22.951 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.012 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

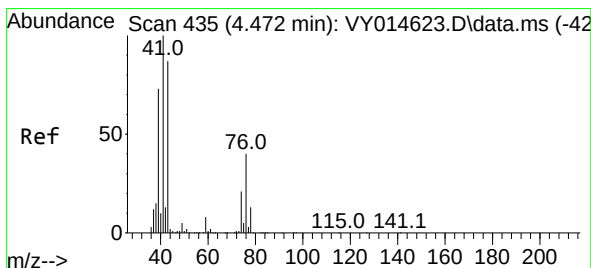
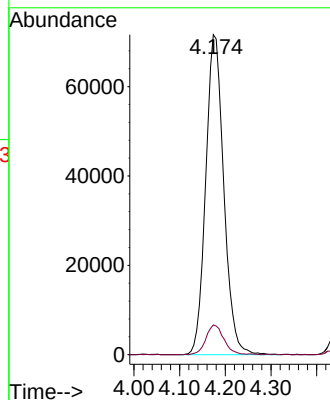
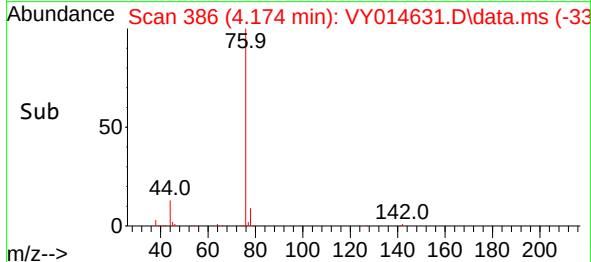
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 76 Resp: 19695
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

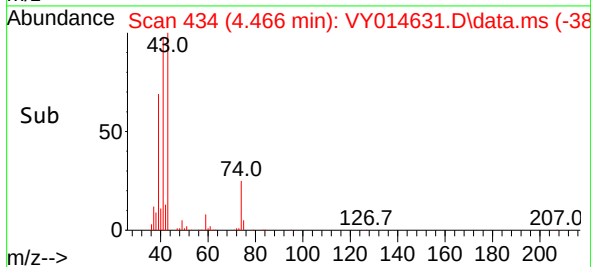
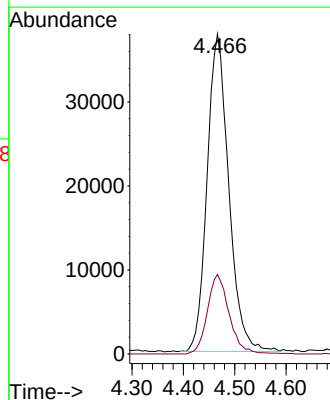
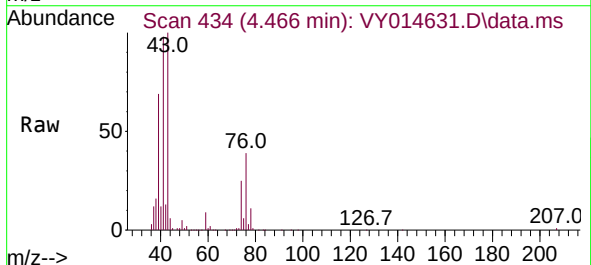
Manual Integrations
APPROVED

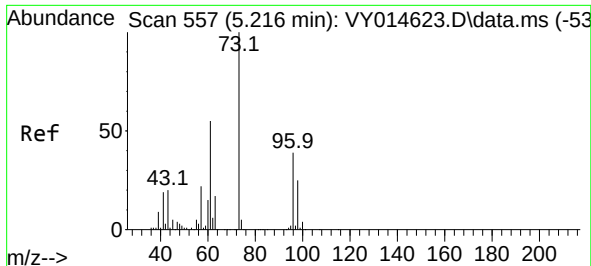
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#18
Methyl Acetate
Concen: 26.186 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

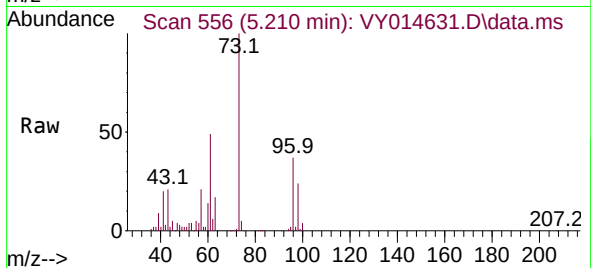
Tgt Ion: 43 Resp: 110457
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 23.490 ug/l
RT: 5.210 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

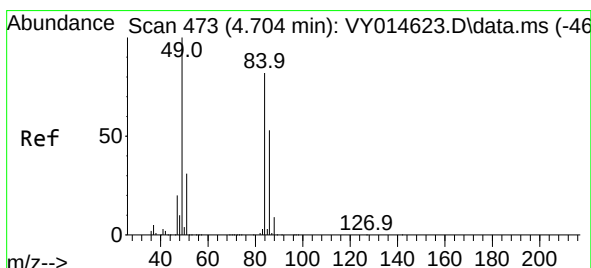
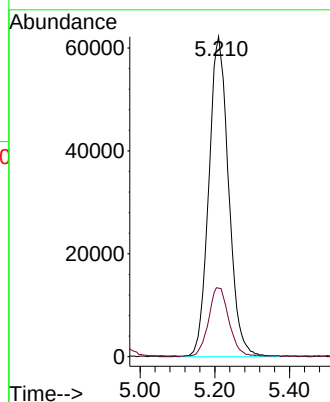
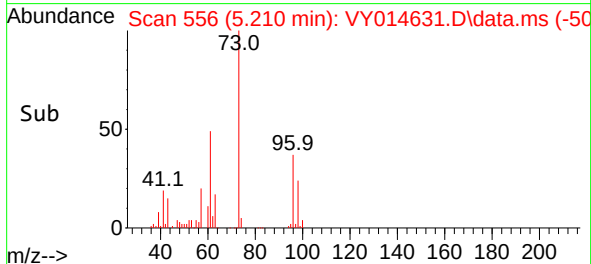
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01



Tgt Ion: 73 Resp: 228718
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

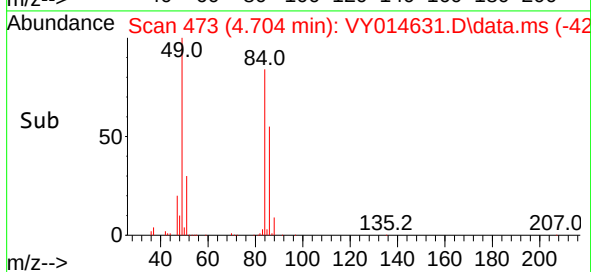
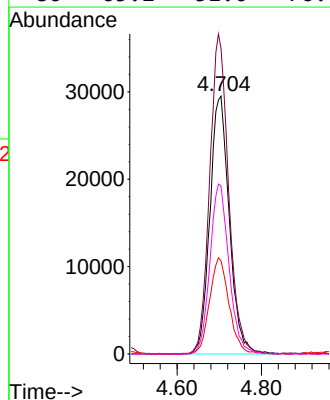
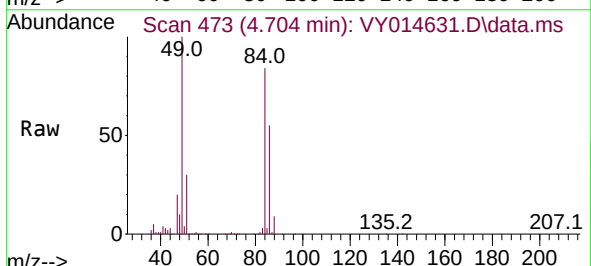
Manual Integrations
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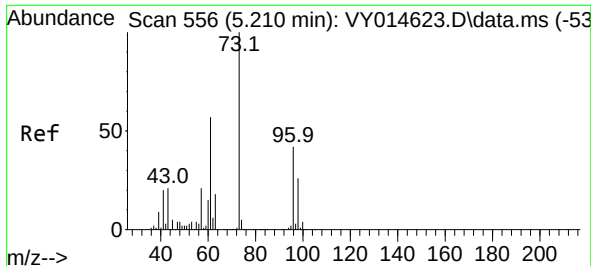
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#20
Methylene Chloride
Concen: 24.244 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

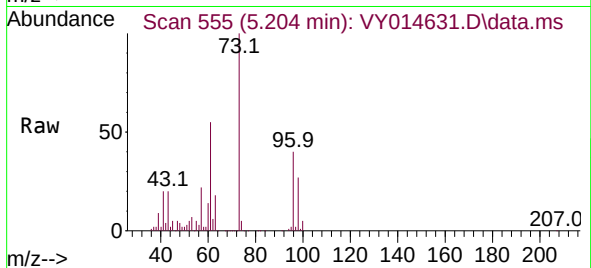
Tgt Ion: 84 Resp: 94338
Ion Ratio Lower Upper
84 100
49 118.5 106.9 160.3
51 36.1 33.2 49.8
86 65.2 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 22.743 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

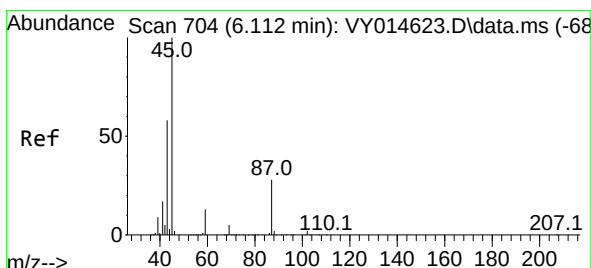
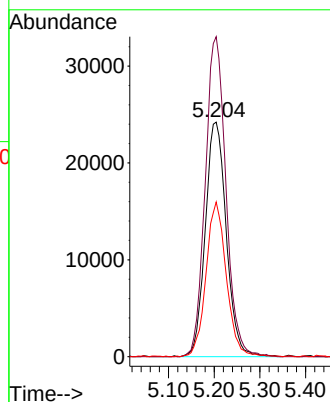
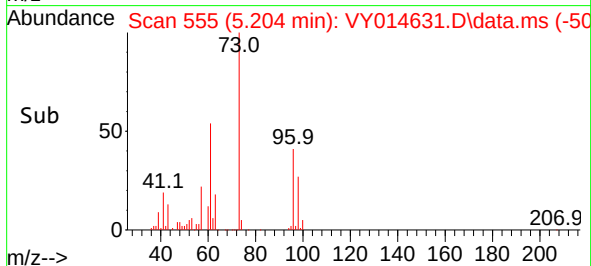
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



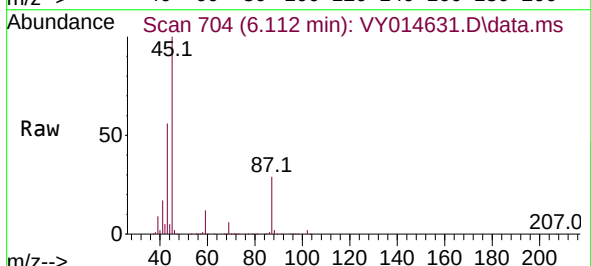
Tgt Ion: 96 Resp: 7736
Ion Ratio Lower Upper
96 100
61 136.5 110.2 165.4
98 66.0 51.8 77.6

Manual Integrations
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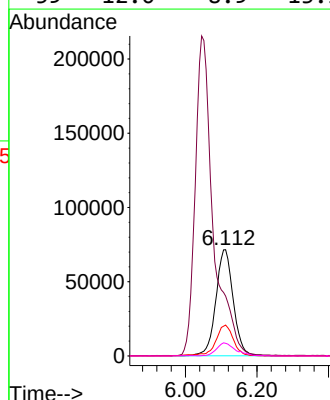
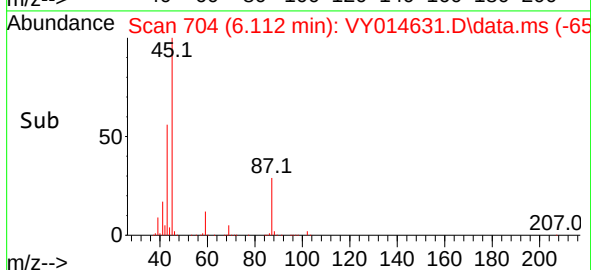
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

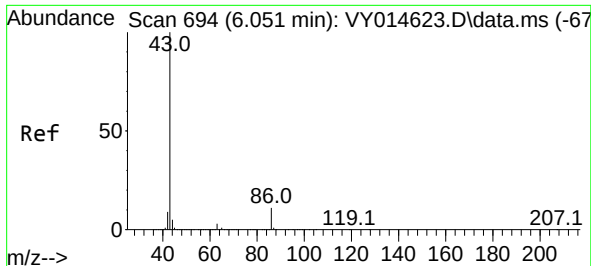


#22
Diisopropyl ether
Concen: 22.291 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48



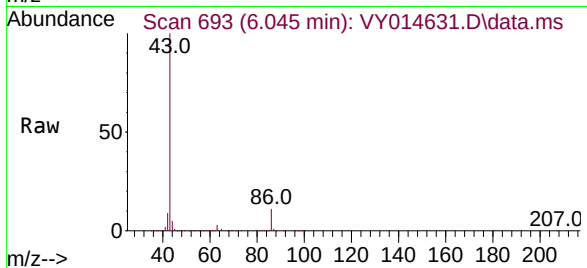
Tgt Ion: 45 Resp: 241204
Ion Ratio Lower Upper
45 100
43 55.9 52.2 78.4
87 29.1 21.0 31.6
59 12.0 8.9 13.3





#23
 Vinyl Acetate
 Concen: 115.947 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48

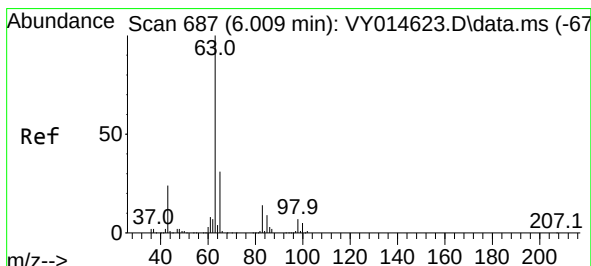
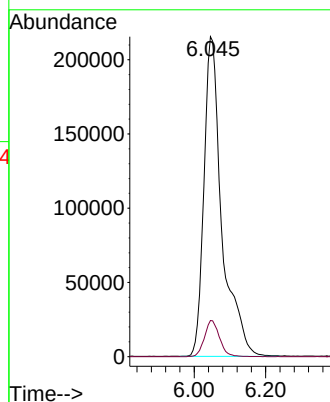
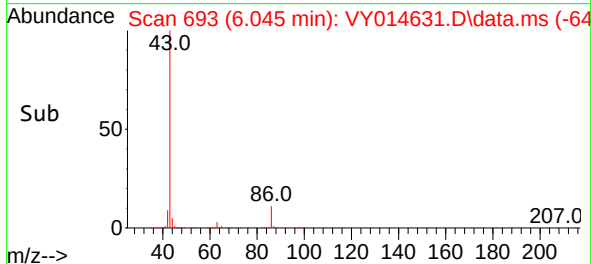
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01



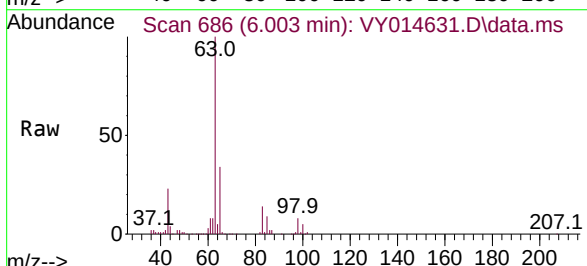
Tgt Ion: 43 Resp: 75079
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3

Manual Integrations
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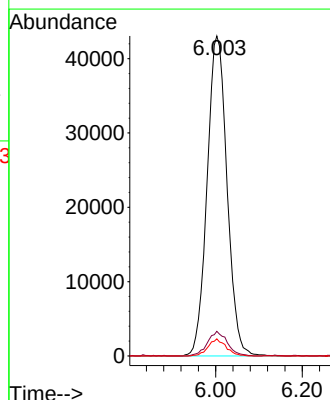
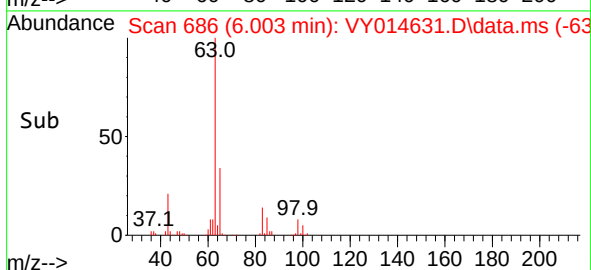
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023

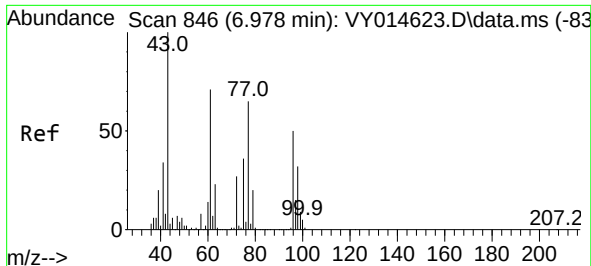


#24
 1,1-Dichloroethane
 Concen: 22.206 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48



Tgt Ion: 63 Resp: 137486
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 5.4 1.8 5.5





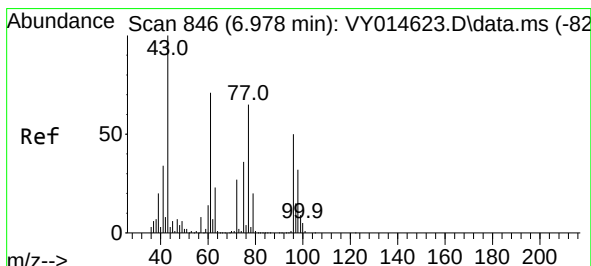
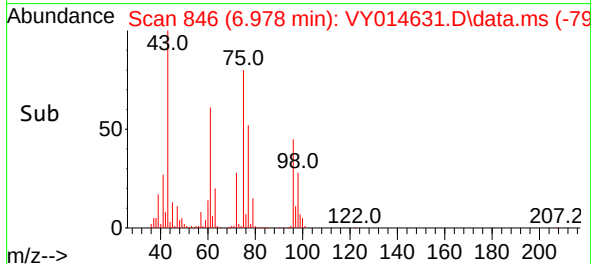
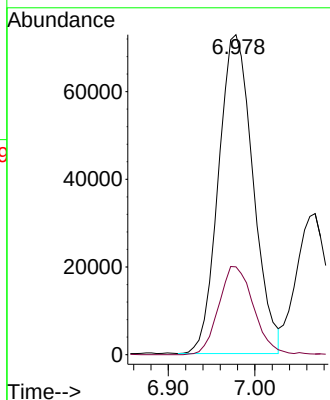
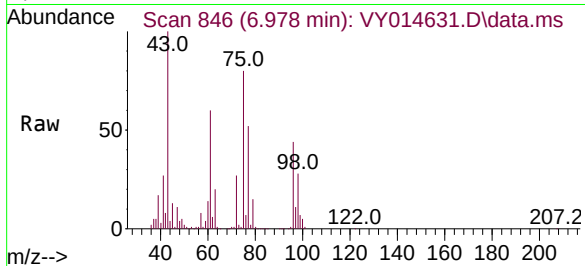
#25
2-Butanone
Concen: 125.194 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tgt Ion: 43 Resp: 20132
Ion Ratio Lower Upper
43 100
72 27.6 20.5 30.7

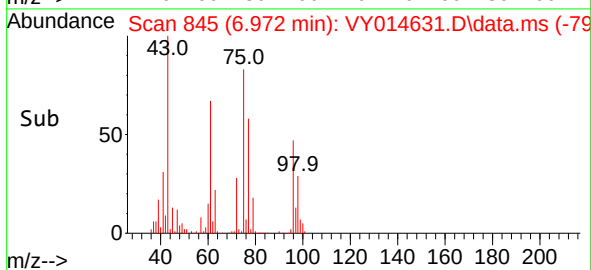
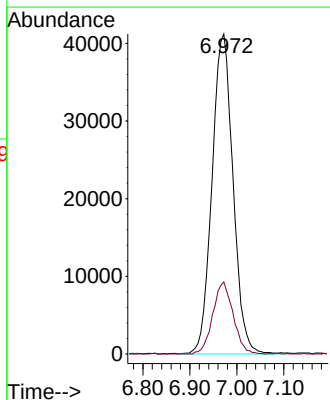
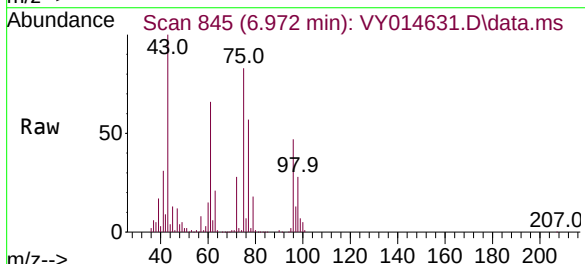
Manual Integrations
APPROVED

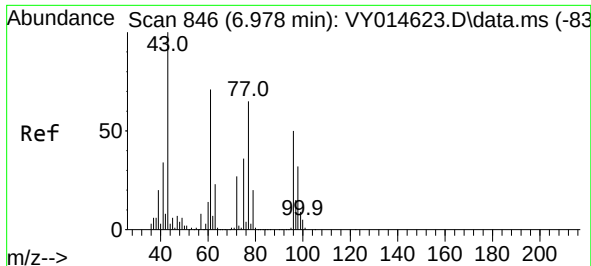
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#26
2,2-Dichloropropane
Concen: 21.666 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 77 Resp: 127845
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 22.705 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBSD01

Tgt Ion: 96 Resp: 8989

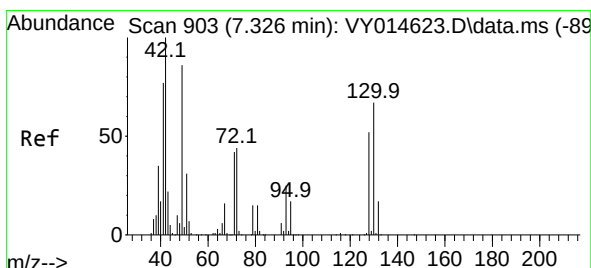
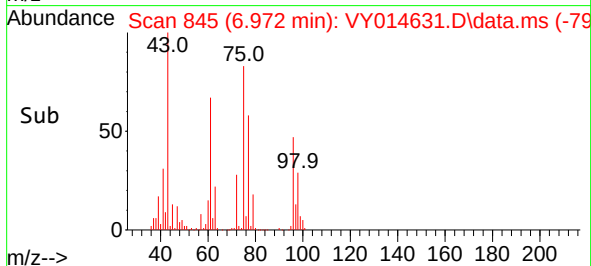
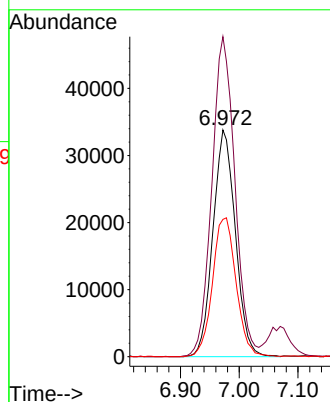
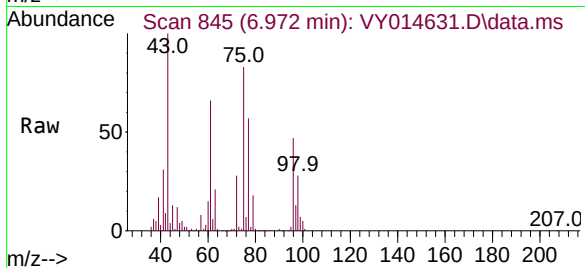
Ion	Ratio	Lower	Upper
96	100		
61	144.6	0.0	301.4
98	64.3	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#28

Bromochloromethane

Concen: 22.990 ug/l

RT: 7.320 min Scan# 902

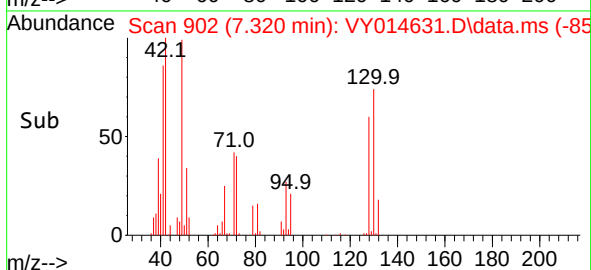
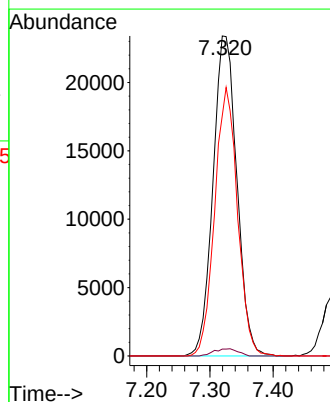
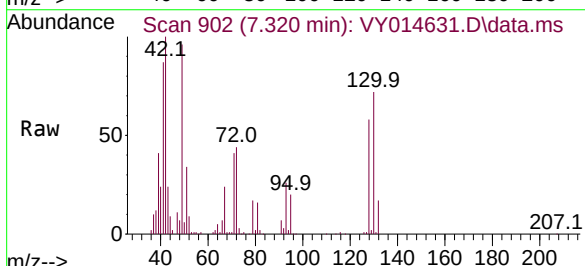
Delta R.T. -0.006 min

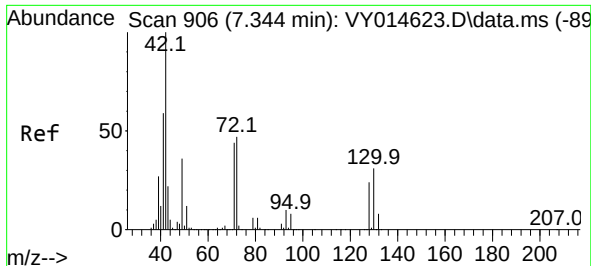
Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Tgt Ion: 49 Resp: 61302

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	80.1	60.7	91.1





#29

Tetrahydrofuran

Concen: 133.269 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBSD01

Tgt Ion: 42 Resp: 13196

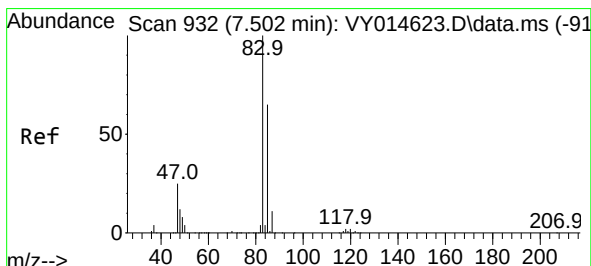
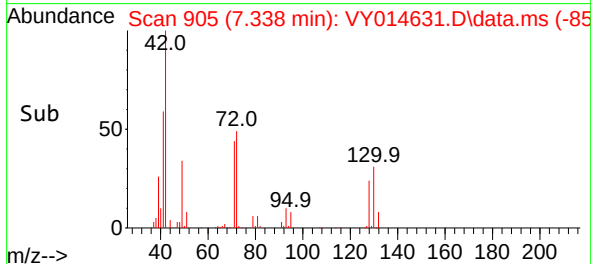
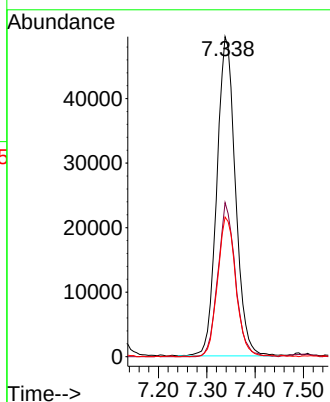
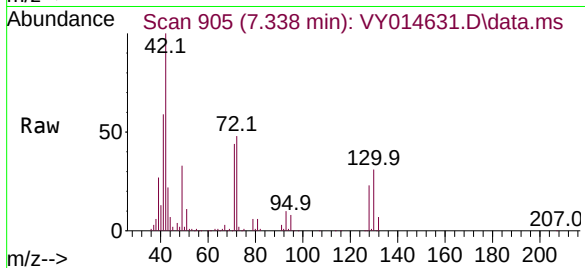
Ion	Ratio	Lower	Upper
42	100		
72	45.6	32.8	49.2
71	43.2	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#30

Chloroform

Concen: 22.254 ug/l

RT: 7.496 min Scan# 931

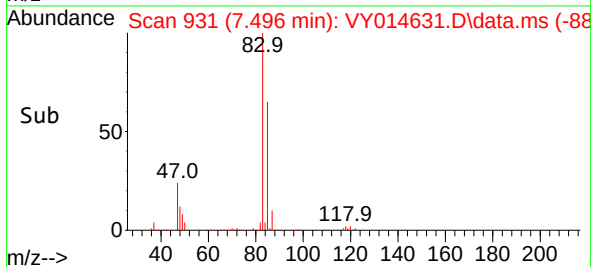
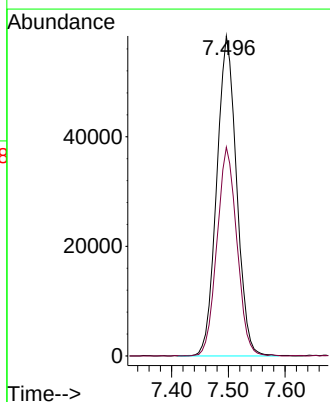
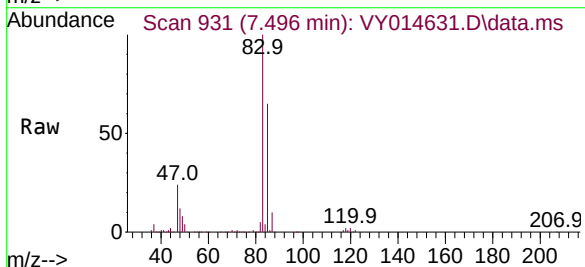
Delta R.T. -0.006 min

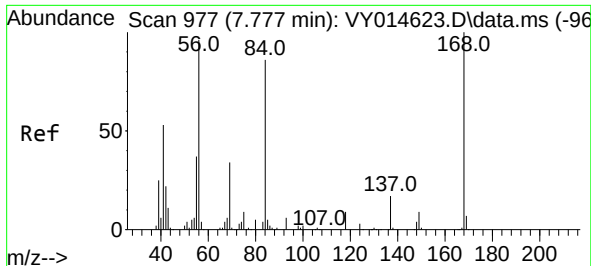
Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Tgt Ion: 83 Resp: 142081

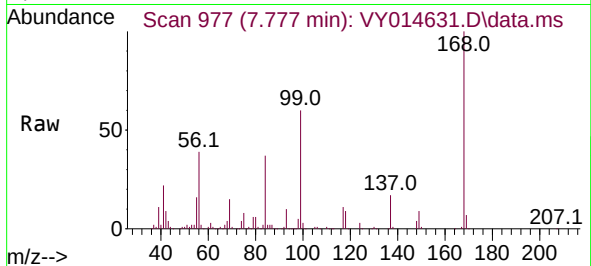
Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.7	74.5





#31
Cyclohexane
Concen: 22.188 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

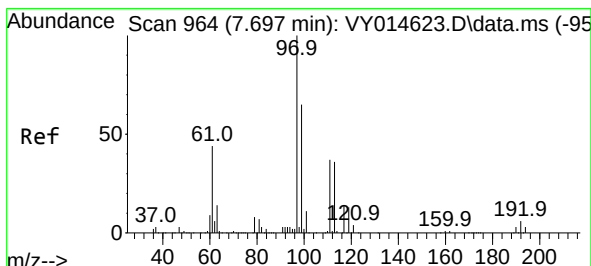
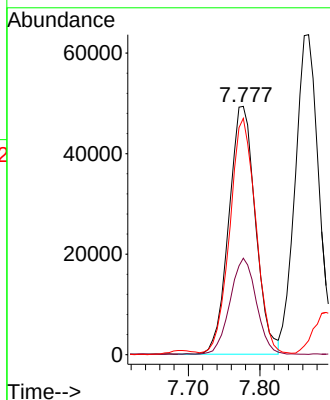
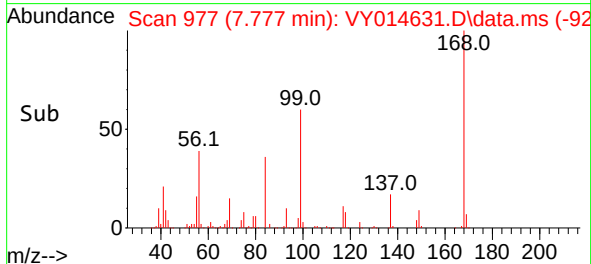
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



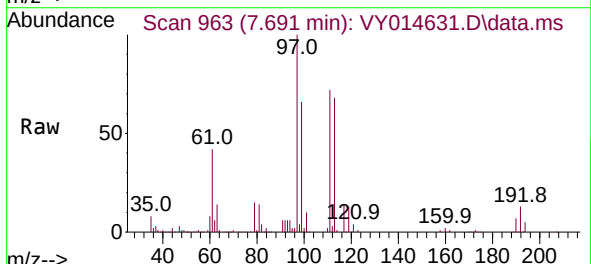
Tgt Ion: 56 Resp: 127760
Ion Ratio Lower Upper
56 100
69 38.7 27.8 41.6
84 93.7 66.4 99.6

Manual Integrations
APPROVED

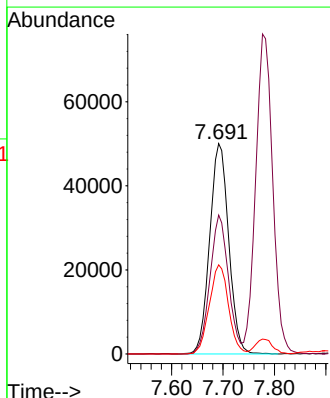
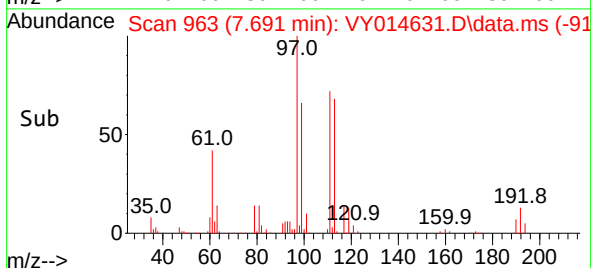
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

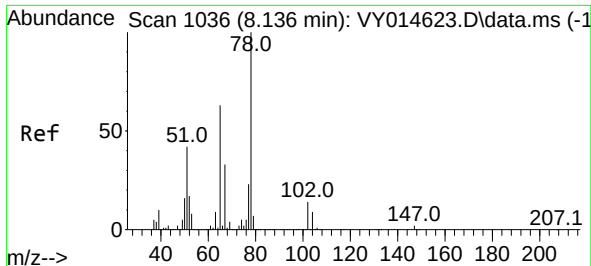


#32
1,1,1-Trichloroethane
Concen: 22.377 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48



Tgt Ion: 97 Resp: 128584
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 42.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.986 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tgt Ion: 65 Resp: 169914

Ion Ratio Lower Upper

65 100

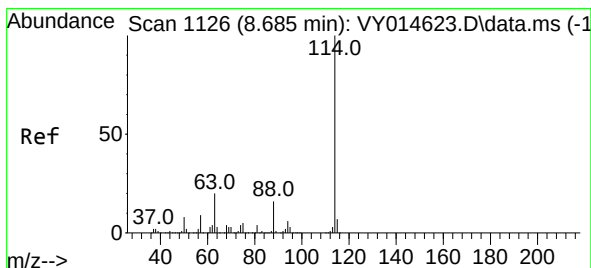
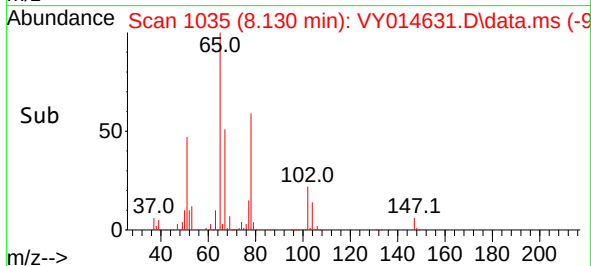
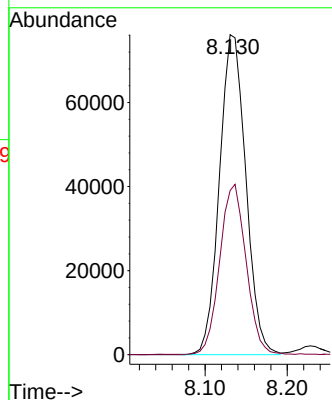
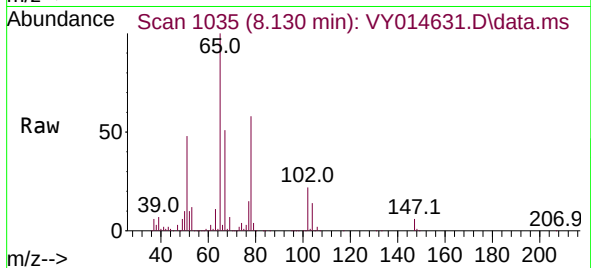
67 53.0 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

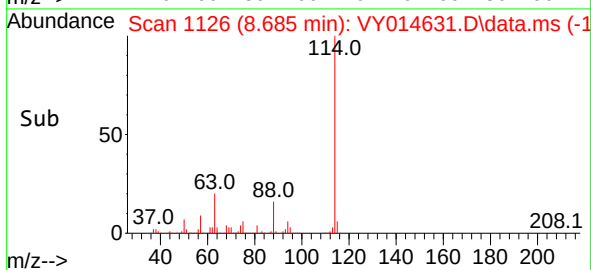
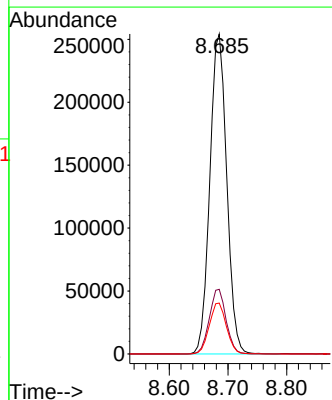
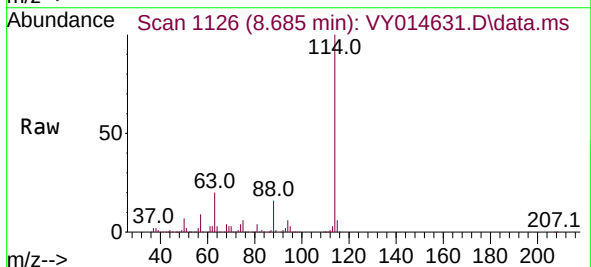
Tgt Ion:114 Resp: 507403

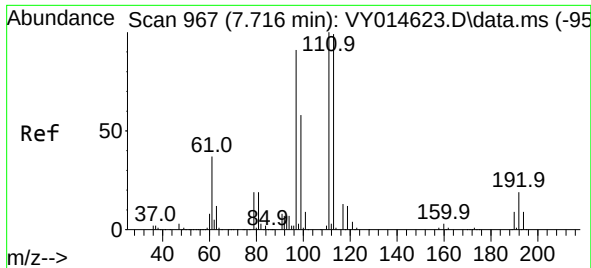
Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

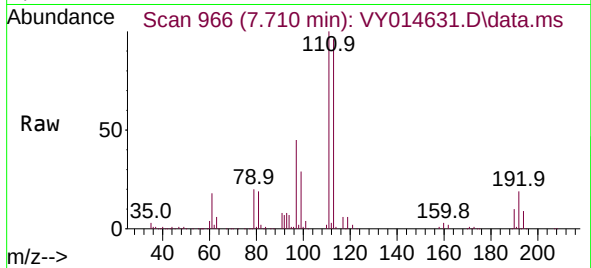
88 15.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.589 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

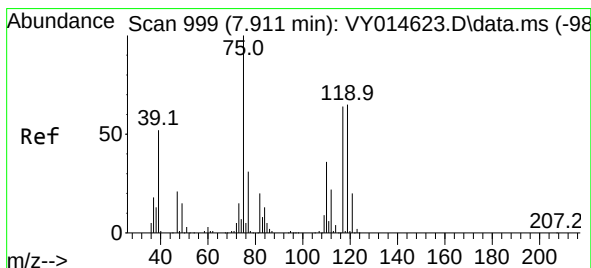
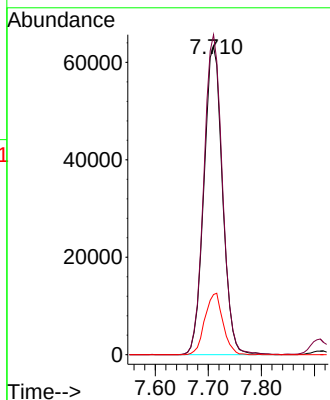
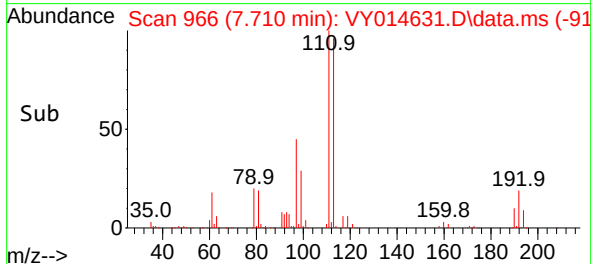
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 113 Resp: 153714
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 19.5 16.9 25.3

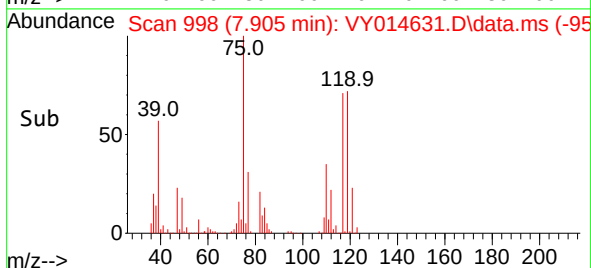
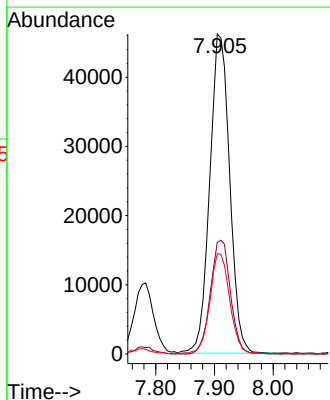
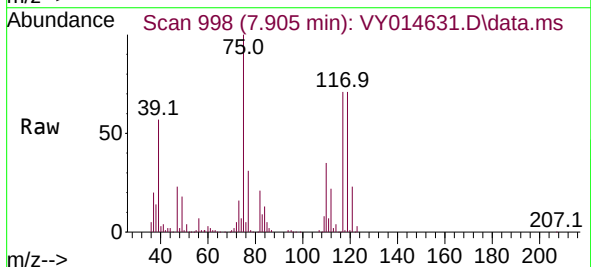
Manual Integrations
APPROVED

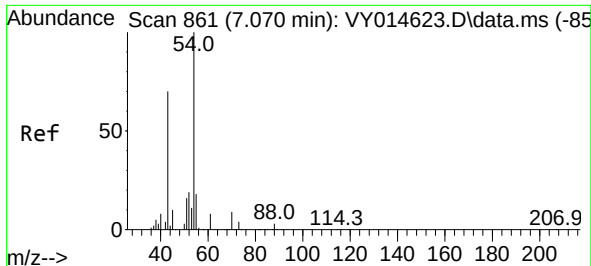
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#36
1,1-Dichloropropene
Concen: 22.497 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

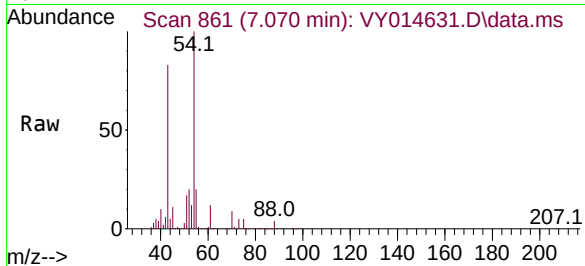
Tgt Ion: 75 Resp: 108667
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 25.739 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

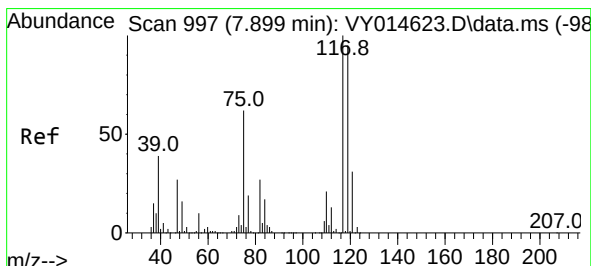
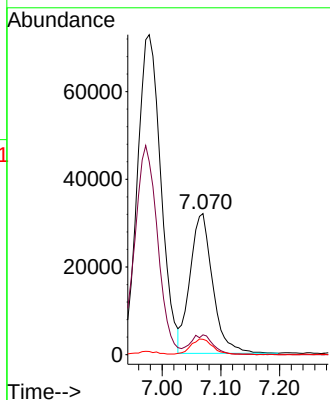
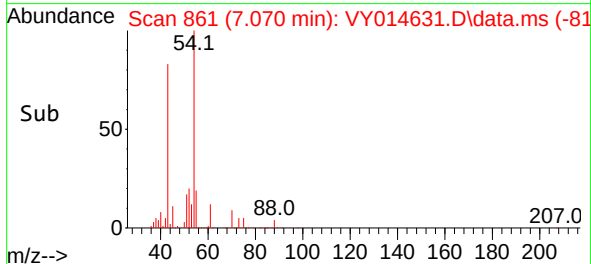
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01



Tgt Ion: 43 Resp: 85599
Ion Ratio Lower Upper
43 100
61 14.3 10.1 15.1
70 11.3 7.1 10.7

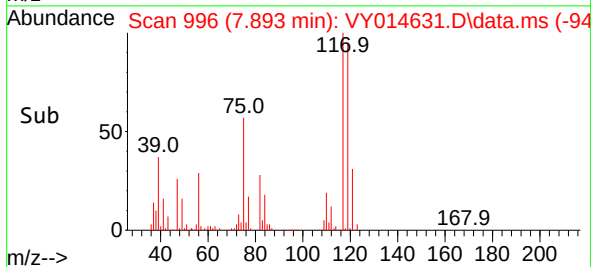
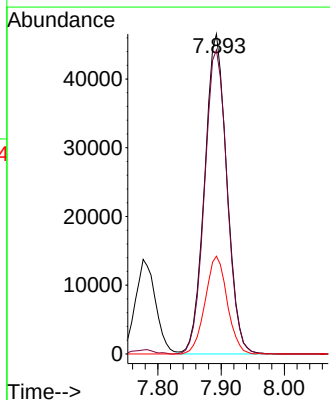
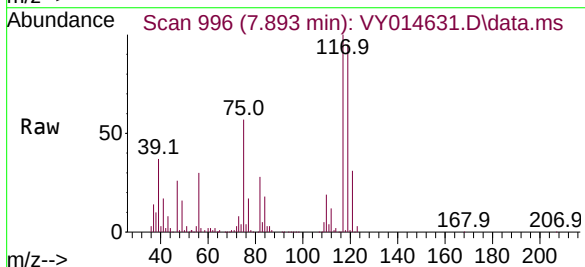
Manual Integrations
APPROVED

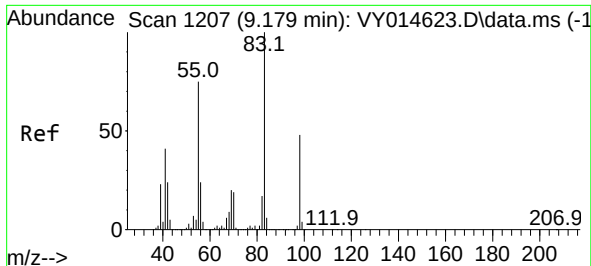
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#38
Carbon Tetrachloride
Concen: 22.308 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion:117 Resp: 113908
Ion Ratio Lower Upper
117 100
119 95.0 76.4 114.6
121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 22.458 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014631.D

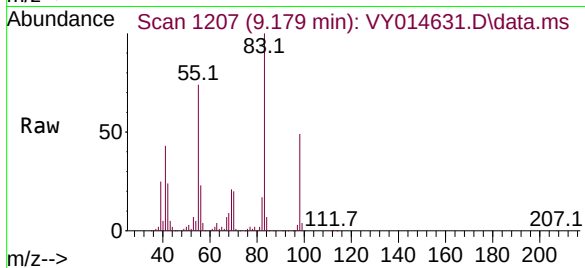
Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01



Tgt Ion: 83 Resp: 141329

Ion Ratio Lower Upper

83 100

55 73.4 63.0 94.4

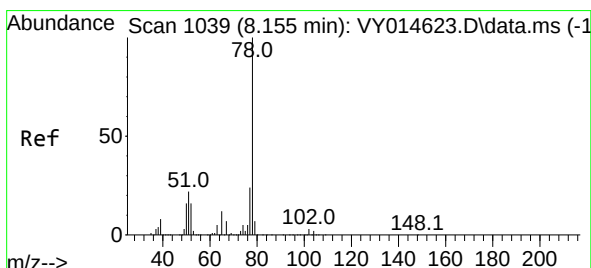
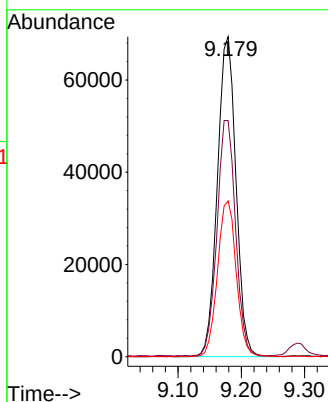
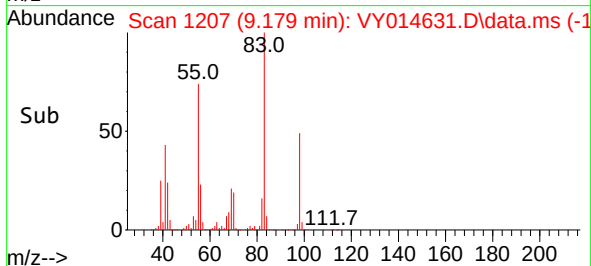
98 48.7 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#40

Benzene

Concen: 22.466 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014631.D

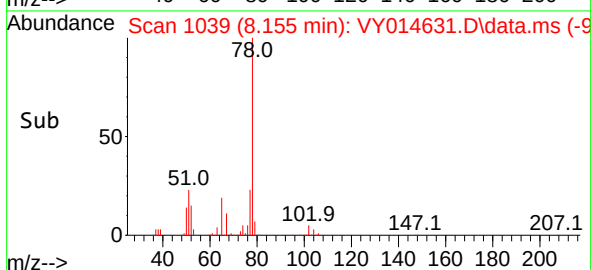
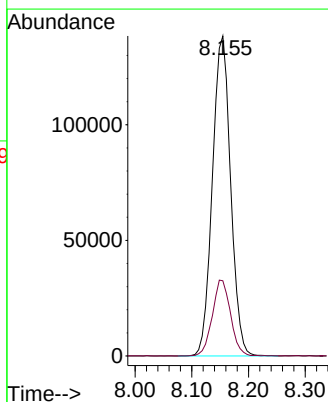
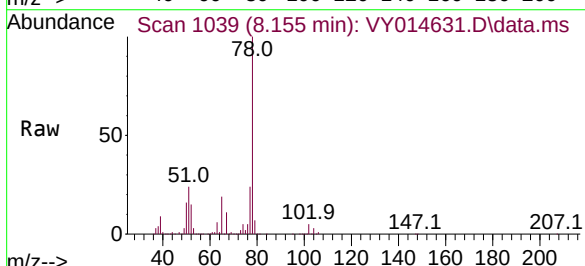
Acq: 13 Jul 2023 16:48

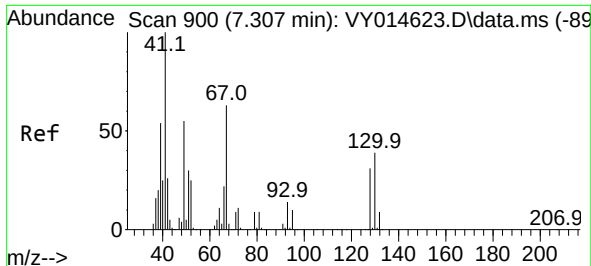
Tgt Ion: 78 Resp: 308627

Ion Ratio Lower Upper

78 100

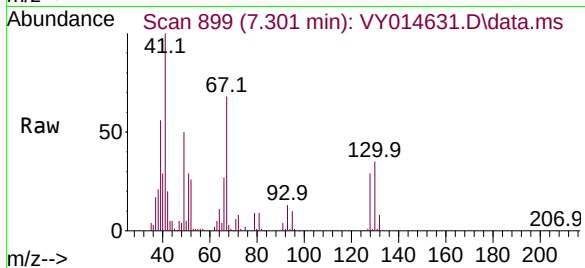
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 25.827 ug/l m
RT: 7.301 min Scan# 89
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

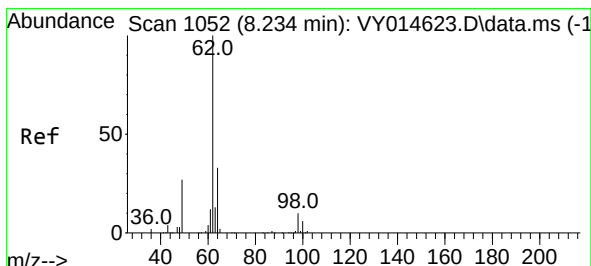
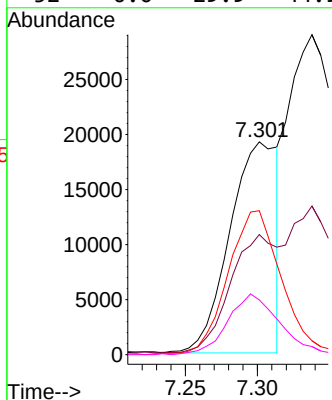
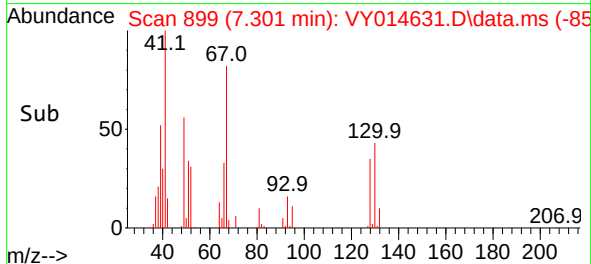
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01



Tgt Ion: 41 Resp: 44179
Ion Ratio Lower Upper
41 100
39 66.5 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9#

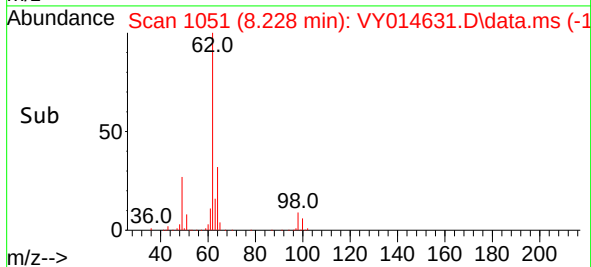
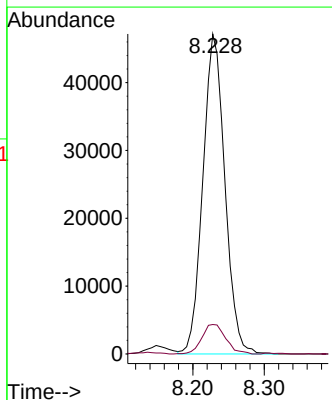
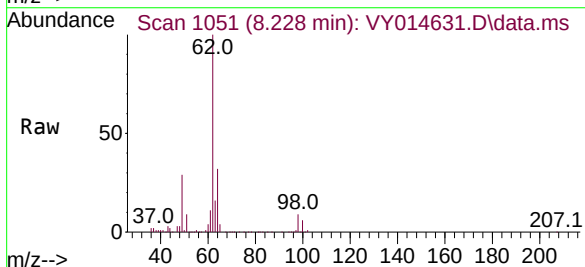
Manual Integrations
APPROVED

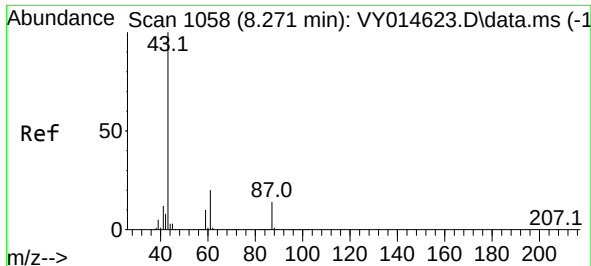
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#42
1,2-Dichloroethane
Concen: 23.199 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

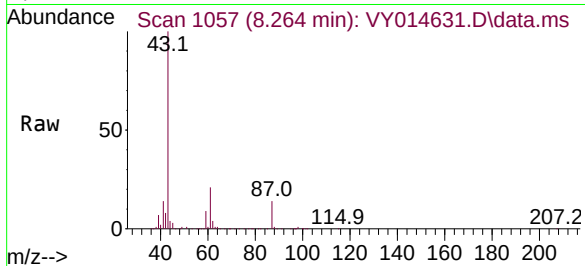
Tgt Ion: 62 Resp: 100923
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 24.198 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

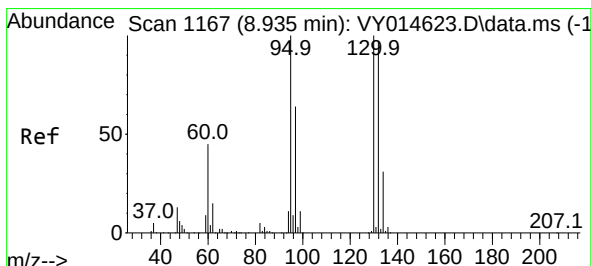
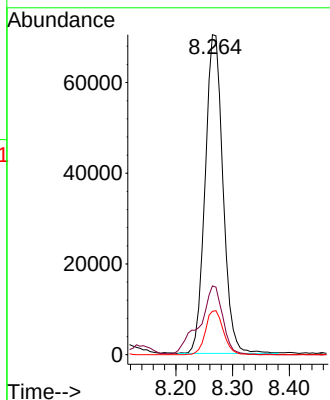
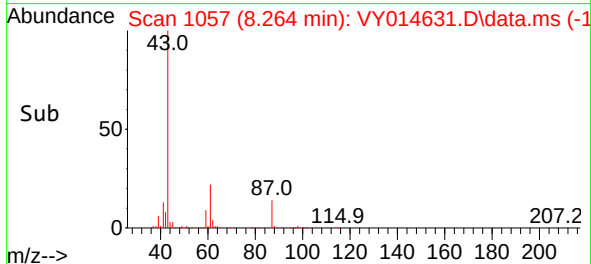
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01



Tgt Ion: 43 Resp: 153298
Ion Ratio Lower Upper
43 100
61 28.1 21.1 31.7
87 13.9 9.8 14.8

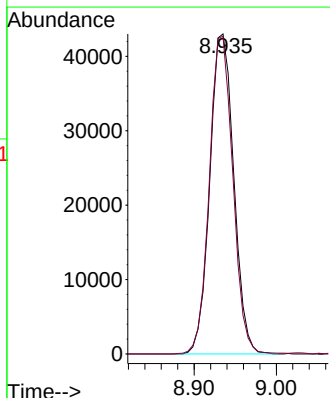
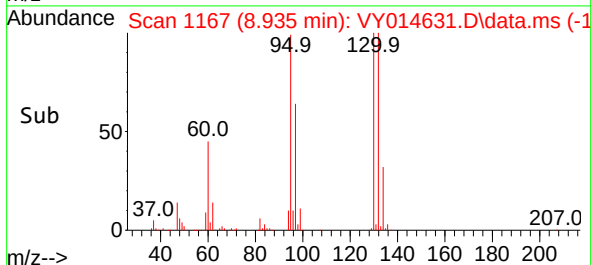
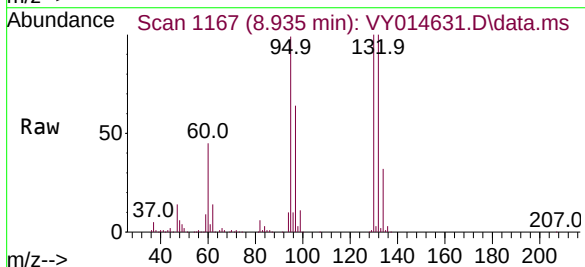
Manual Integrations
APPROVED

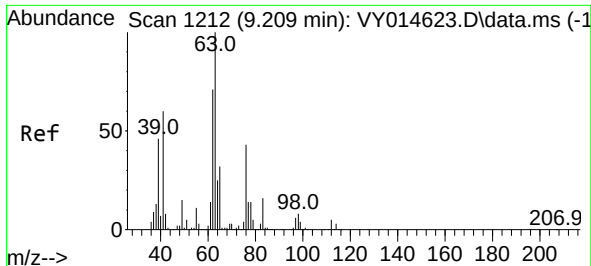
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#44
Trichloroethene
Concen: 22.623 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion:130 Resp: 86957
Ion Ratio Lower Upper
130 100
95 99.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 22.369 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tgt Ion: 63 Resp: 8024

Ion Ratio Lower Upper

63 100

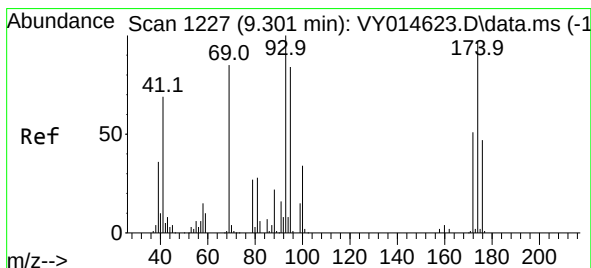
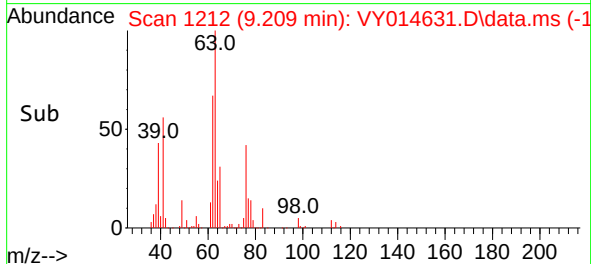
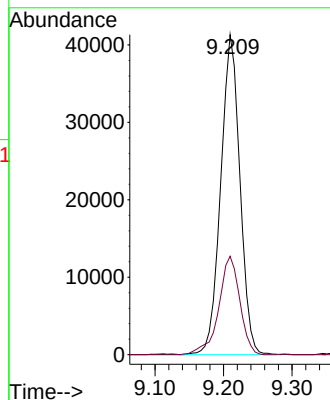
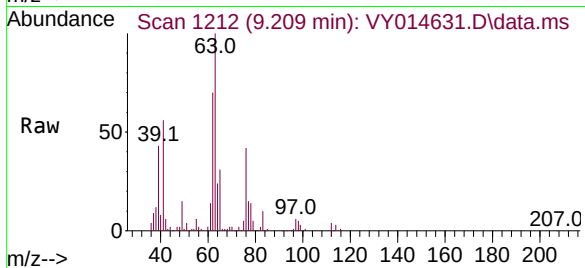
65 30.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#46

Dibromomethane

Concen: 23.355 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

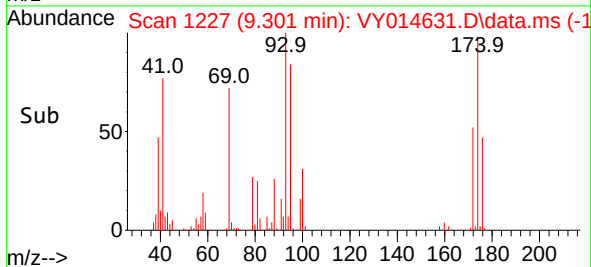
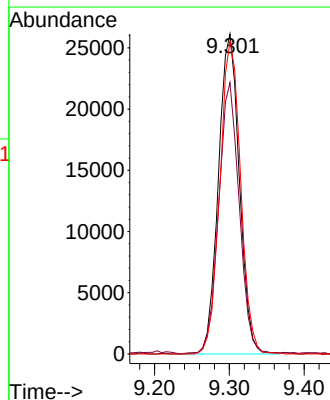
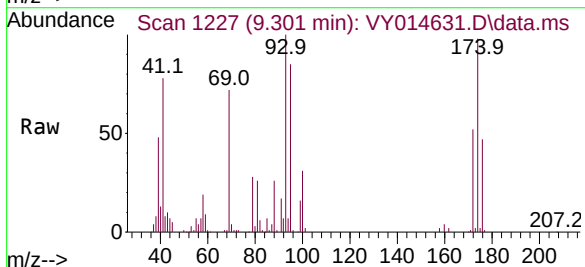
Tgt Ion: 93 Resp: 50825

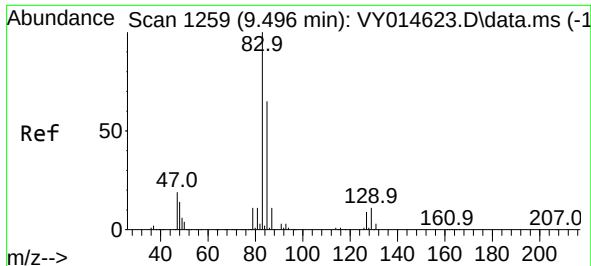
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

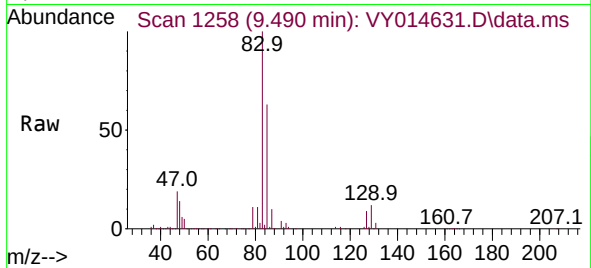
174 97.1 84.8 127.2





#47
Bromodichloromethane
Concen: 22.462 ug/l
RT: 9.490 min Scan# 11521
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

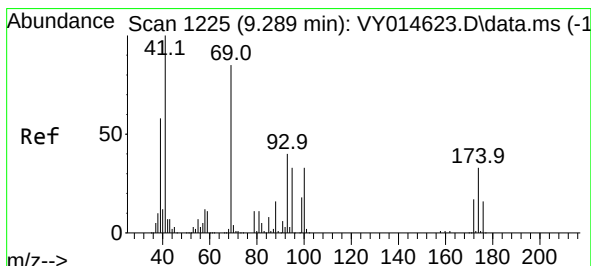
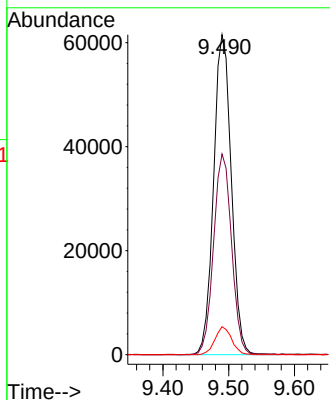
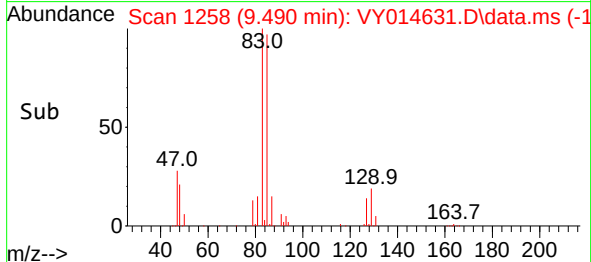
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01



Tgt Ion: 83 Resp: 11521
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 8.7 7.1 10.7

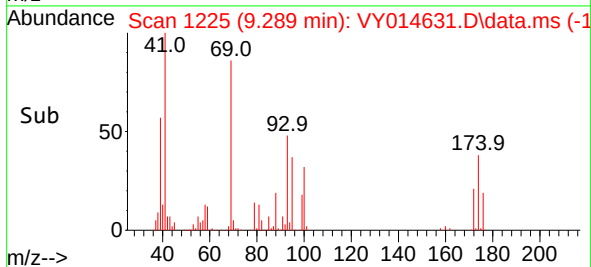
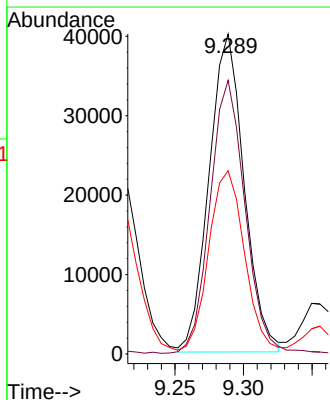
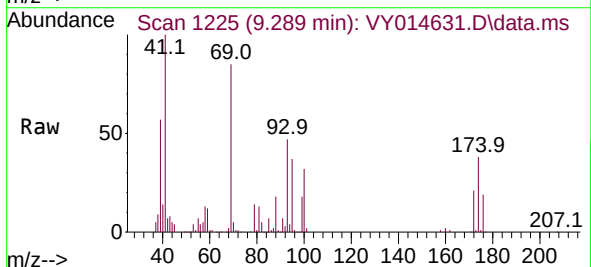
Manual Integrations
APPROVED

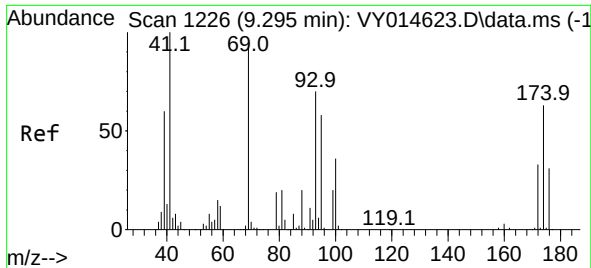
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#48
Methyl methacrylate
Concen: 24.966 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 41 Resp: 71170
Ion Ratio Lower Upper
41 100
69 85.9 64.5 96.7
39 57.1 50.8 76.2





#49

1,4-Dioxane

Concen: 544.511 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tgt Ion: 88 Resp: 1932

Ion Ratio Lower Upper

88 100

43 31.4 0.0 0.0

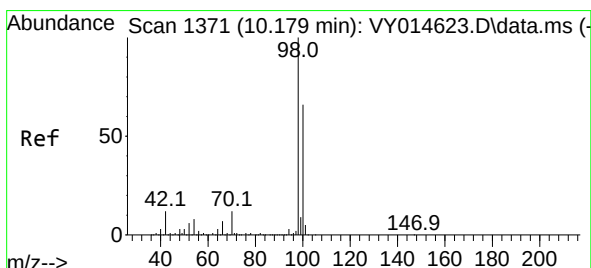
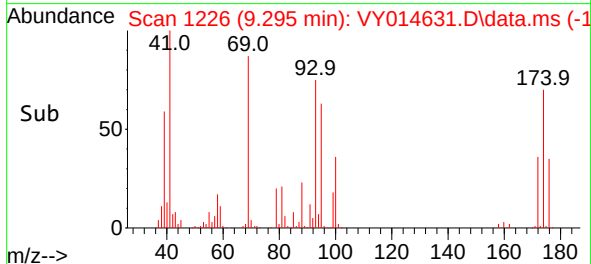
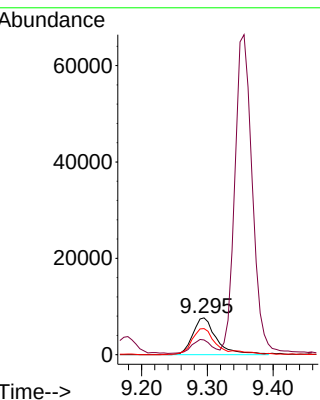
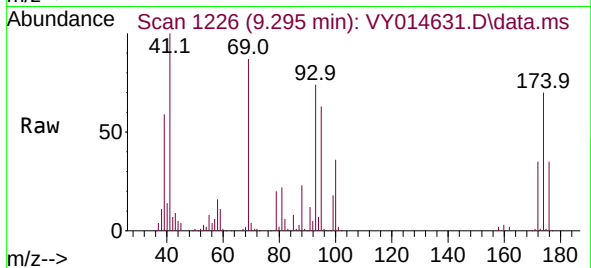
58 74.6 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#50

Toluene-d8

Concen: 46.957 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY014631.D

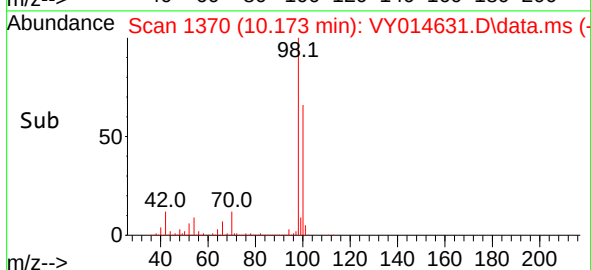
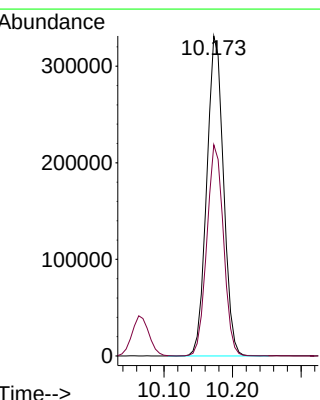
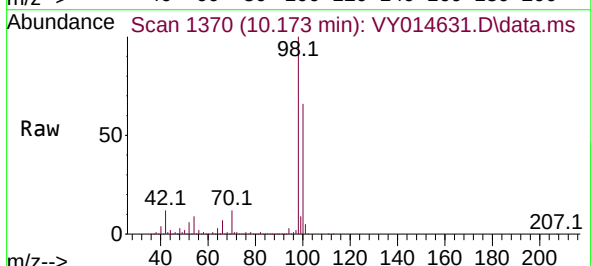
Acq: 13 Jul 2023 16:48

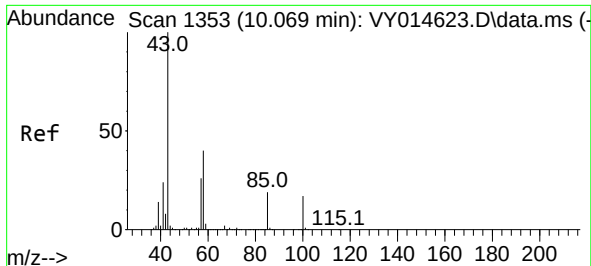
Tgt Ion: 98 Resp: 559177

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1





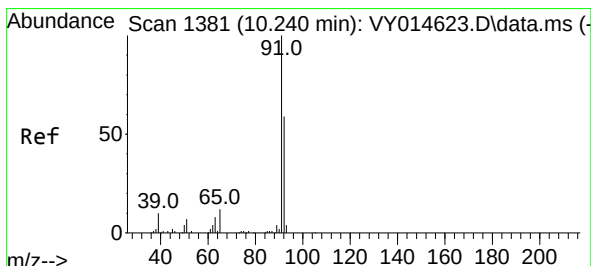
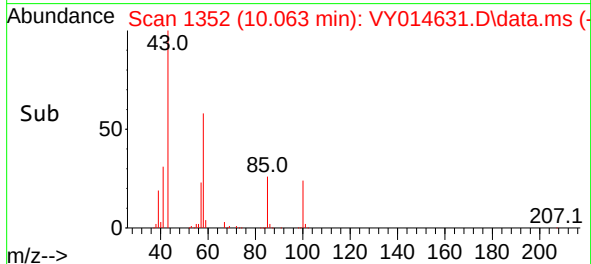
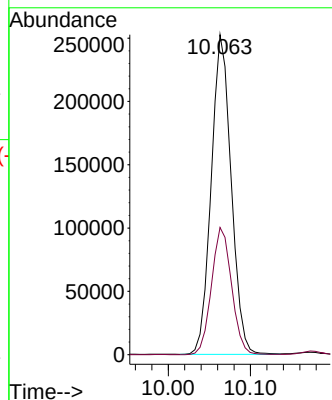
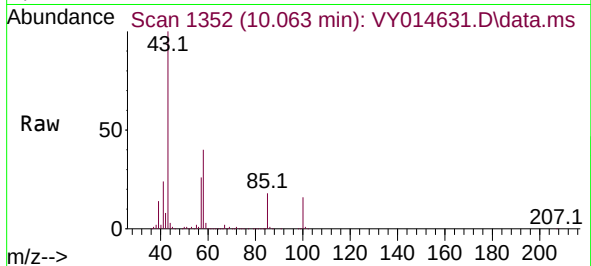
#51
4-Methyl-2-Pentanone
Concen: 128.128 ug/l
RT: 10.063 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tgt Ion: 43 Resp: 42618
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6

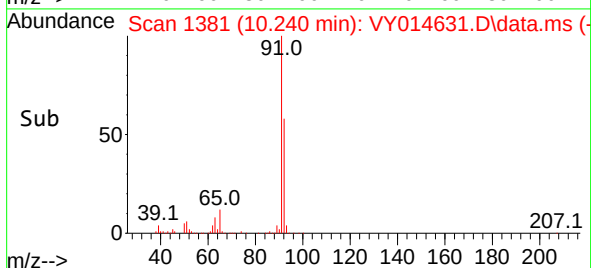
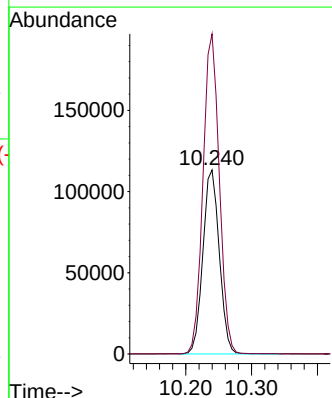
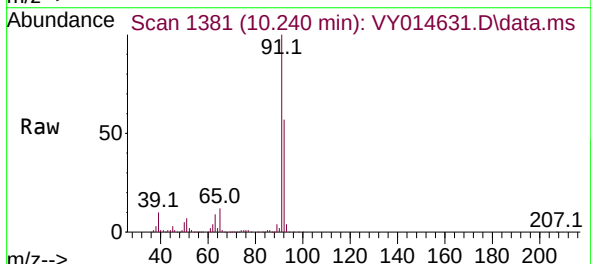
Manual Integrations
APPROVED

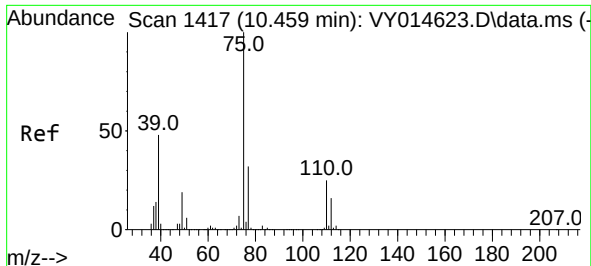
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#52
Toluene
Concen: 22.362 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 92 Resp: 196583
Ion Ratio Lower Upper
92 100
91 172.8 143.8 215.6





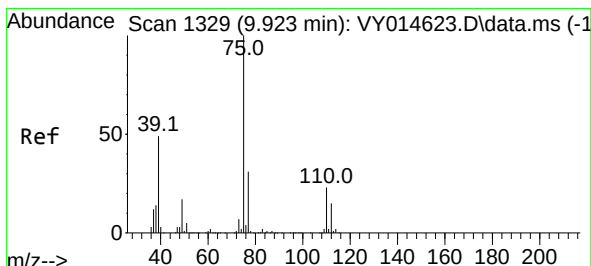
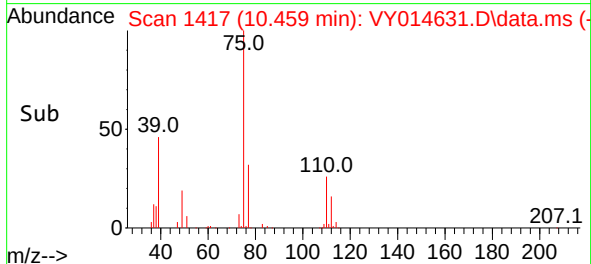
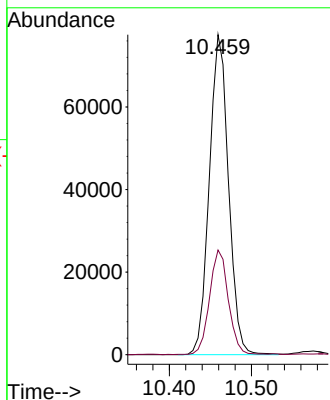
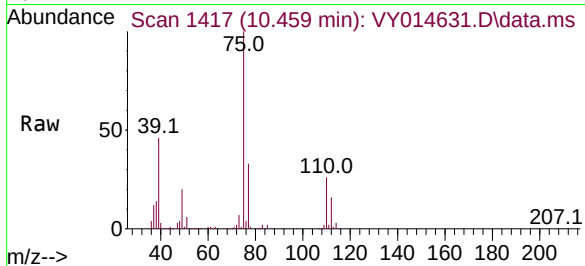
#53
t-1,3-Dichloropropene
Concen: 22.391 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tgt Ion: 75 Resp: 125620
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.4

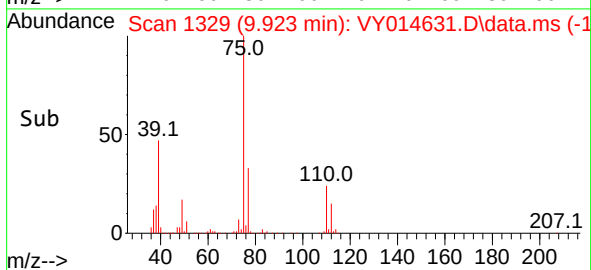
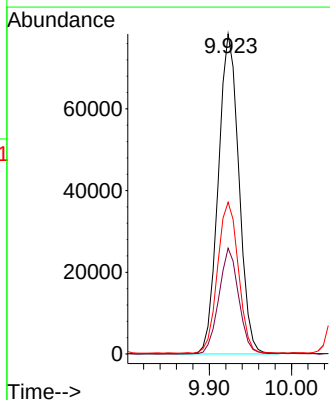
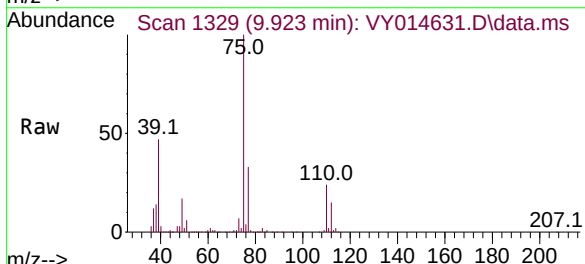
Manual Integrations
APPROVED

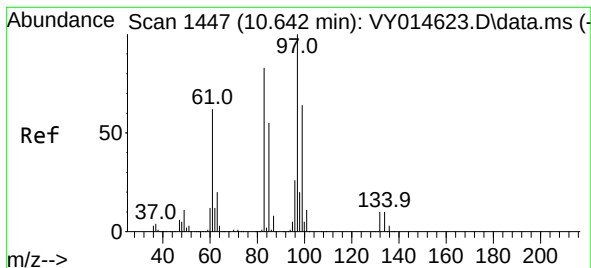
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#54
cis-1,3-Dichloropropene
Concen: 22.386 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

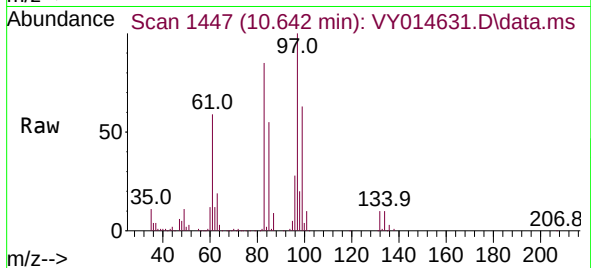
Tgt Ion: 75 Resp: 136583
Ion Ratio Lower Upper
75 100
77 33.0 24.2 36.4
39 47.1 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 23.304 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

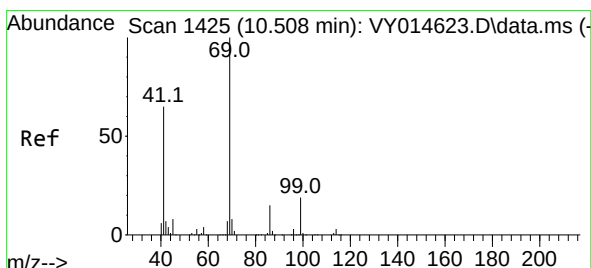
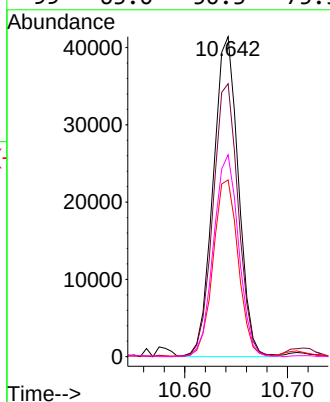
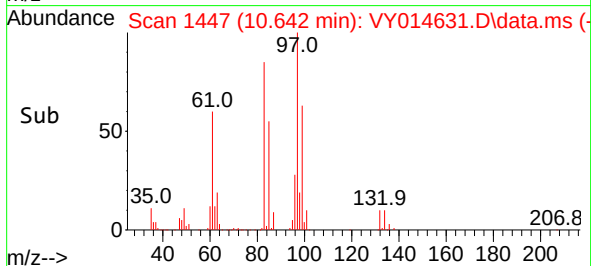
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



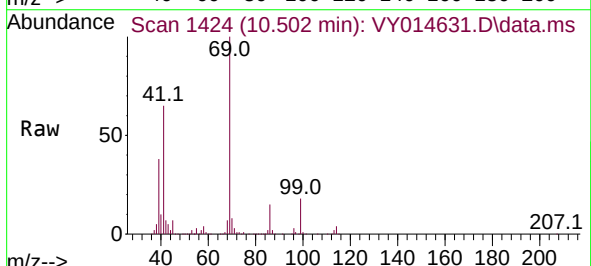
Tgt Ion: 97 Resp: 7064
Ion Ratio Lower Upper
97 100
83 85.1 72.0 108.0
85 55.0 45.4 68.0
99 63.0 50.3 75.5

Manual Integrations
APPROVED

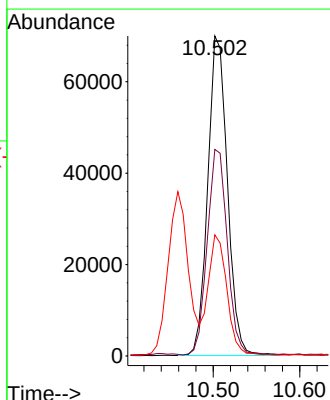
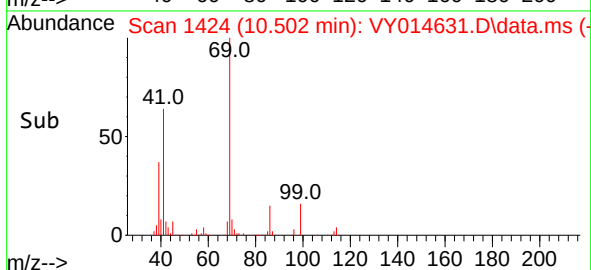
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

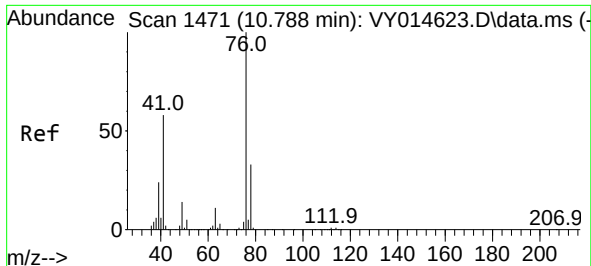


#56
Ethyl methacrylate
Concen: 23.840 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48



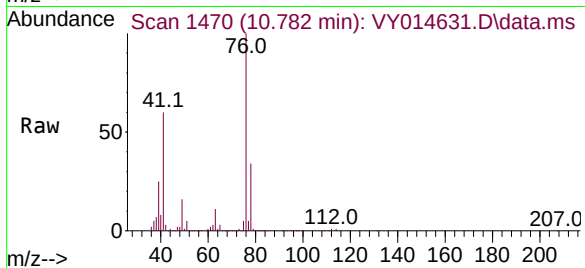
Tgt Ion: 69 Resp: 110341
Ion Ratio Lower Upper
69 100
41 65.6 57.6 86.4
39 35.9 34.1 51.1





#57
1,3-Dichloropropane
Concen: 22.846 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

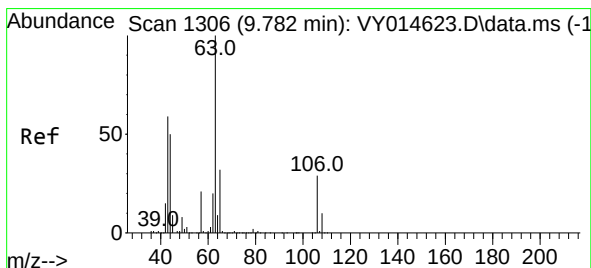
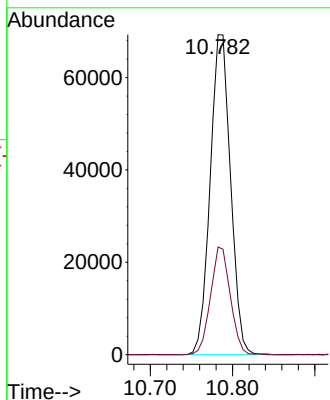
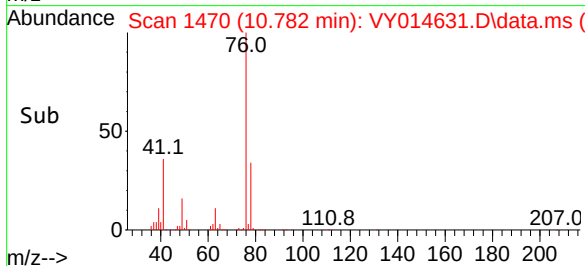
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 76 Resp: 11945
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9

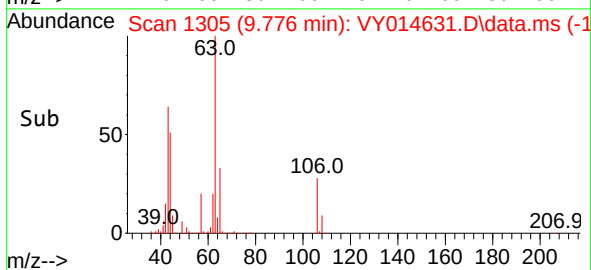
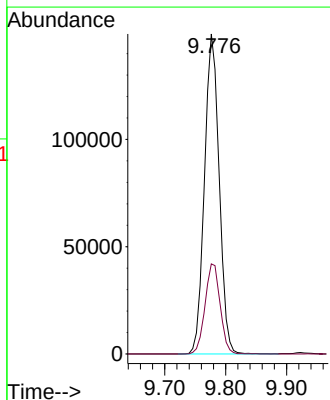
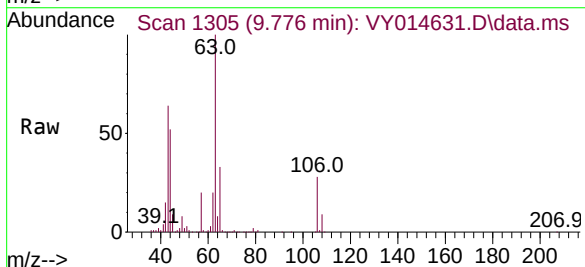
Manual Integrations
APPROVED

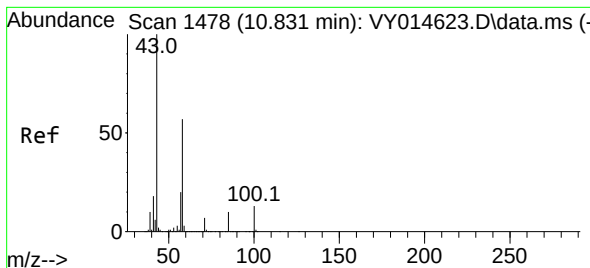
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#58
2-Chloroethyl Vinyl ether
Concen: 116.095 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

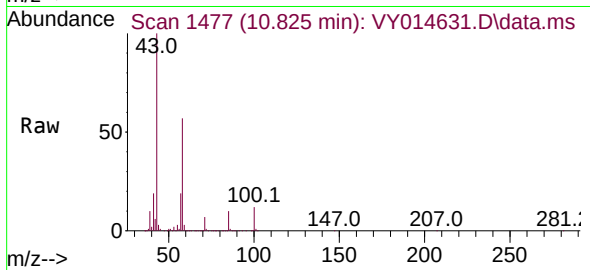
Tgt Ion: 63 Resp: 250368
Ion Ratio Lower Upper
63 100
106 28.9 21.2 31.8





#59
2-Hexanone
Concen: 127.760 ug/l
RT: 10.825 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

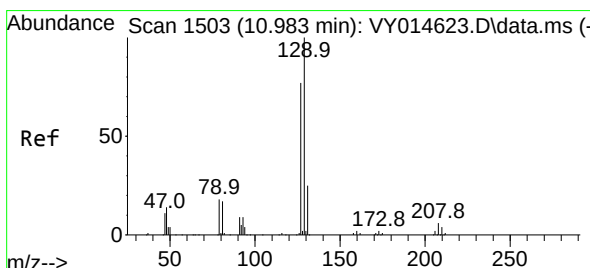
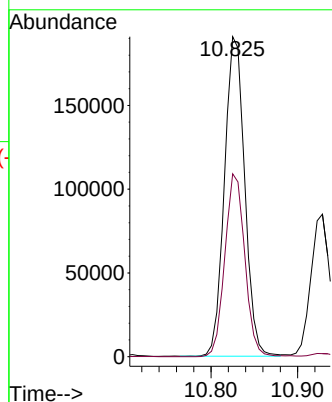
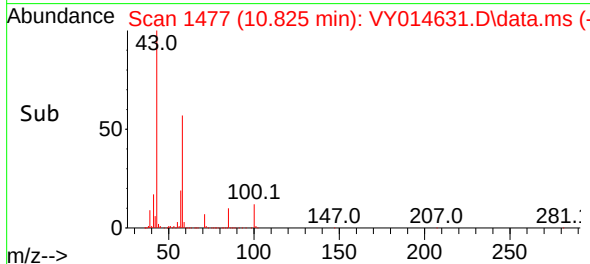
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01



Tgt Ion: 43 Resp: 30990
Ion Ratio Lower Upper
43 100
58 56.6 25.1 75.3

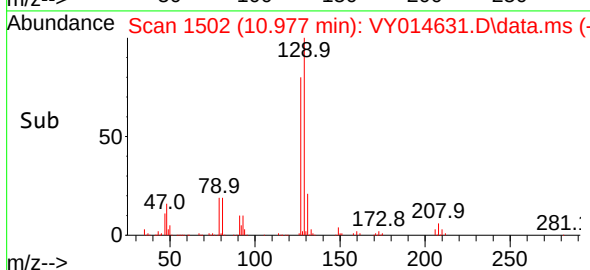
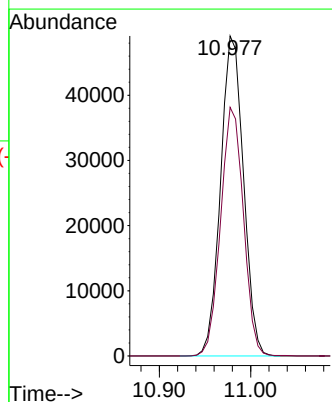
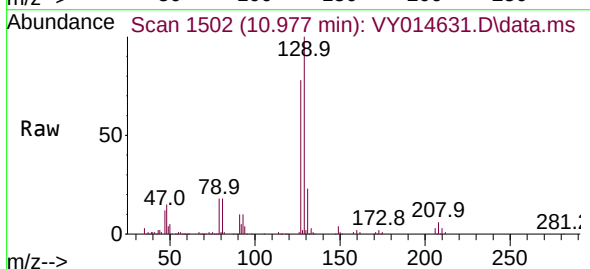
Manual Integrations
APPROVED

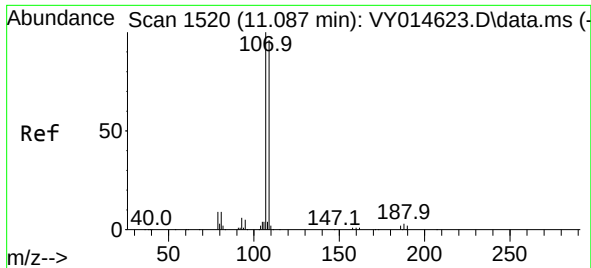
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#60
Dibromochloromethane
Concen: 23.015 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

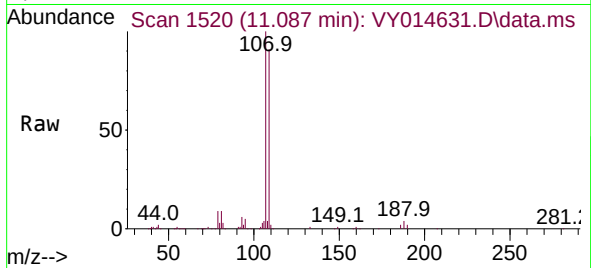
Tgt Ion:129 Resp: 85540
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 23.666 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

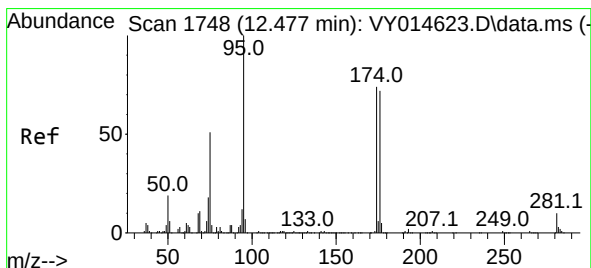
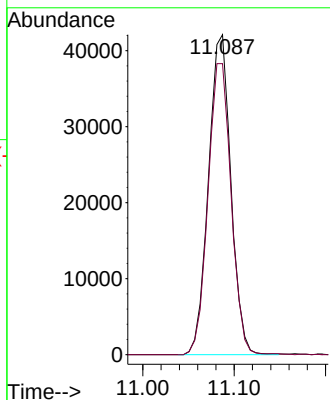
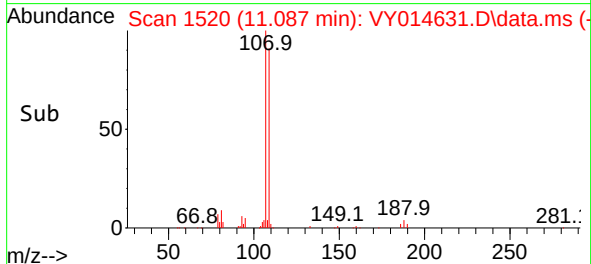
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01



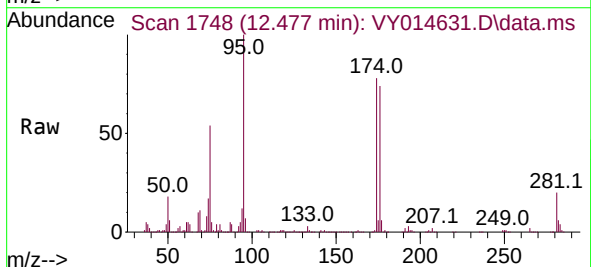
Tgt Ion:107 Resp: 71570
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4

Manual Integrations
APPROVED

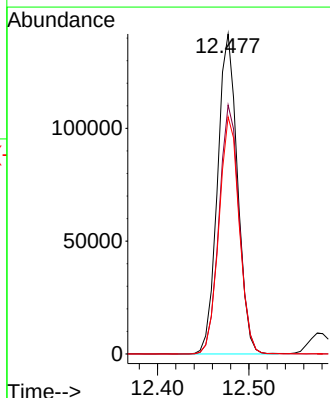
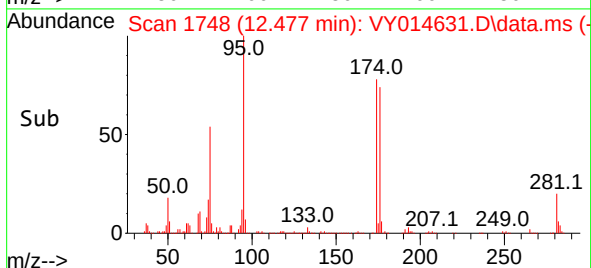
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

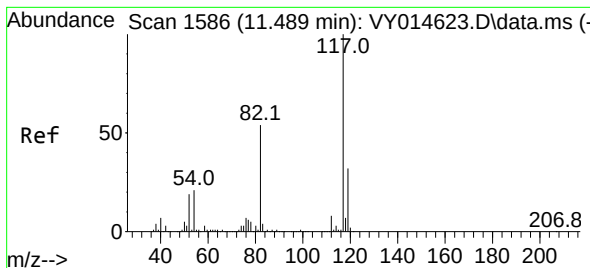


#62
4-Bromofluorobenzene
Concen: 47.245 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48



Tgt Ion: 95 Resp: 215725
Ion Ratio Lower Upper
95 100
174 78.4 0.0 178.2
176 75.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

Tgt Ion:117 Resp: 45016

Ion Ratio Lower Upper

117 100

82 55.7 43.4 65.0

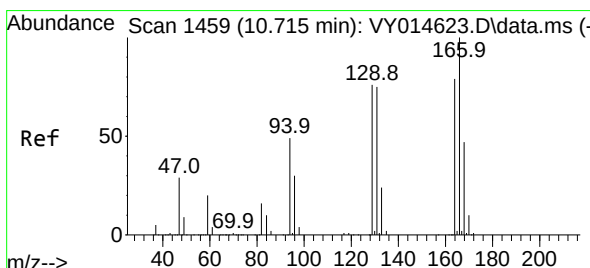
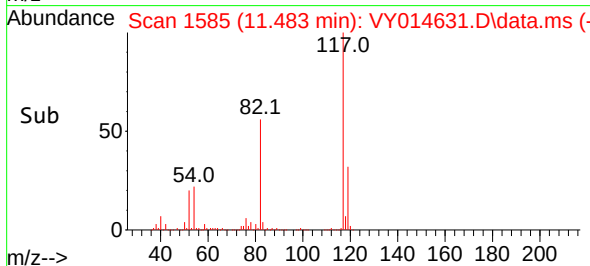
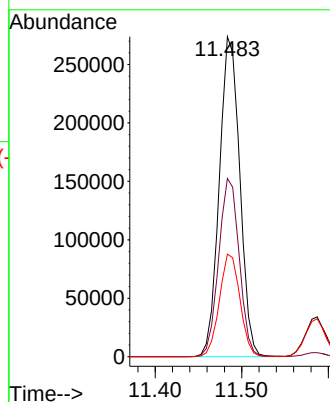
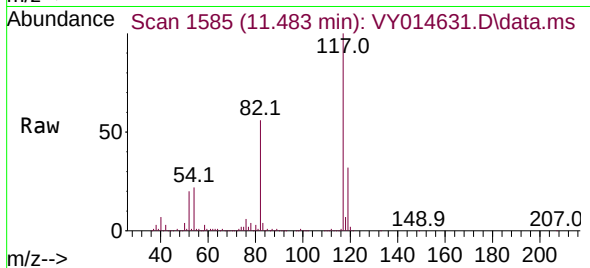
119 32.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#64

Tetrachloroethene

Concen: 23.535 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Tgt Ion:164 Resp: 85208

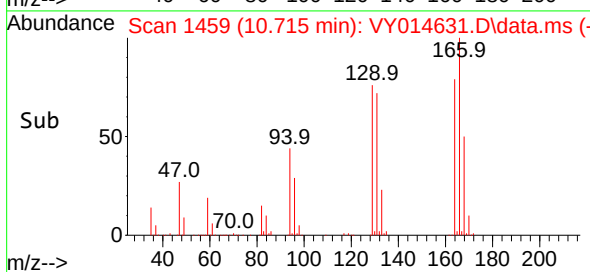
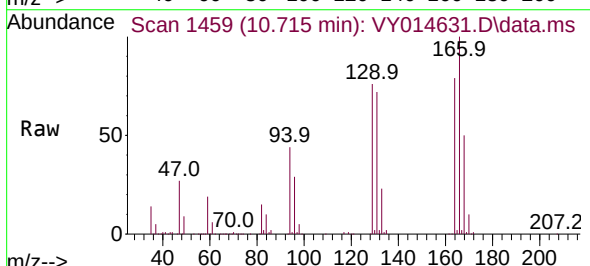
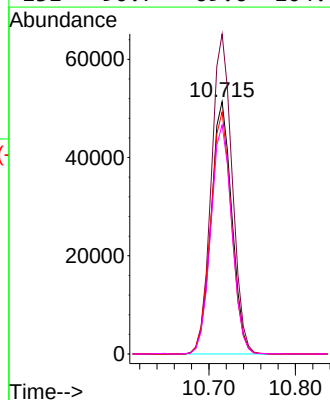
Ion Ratio Lower Upper

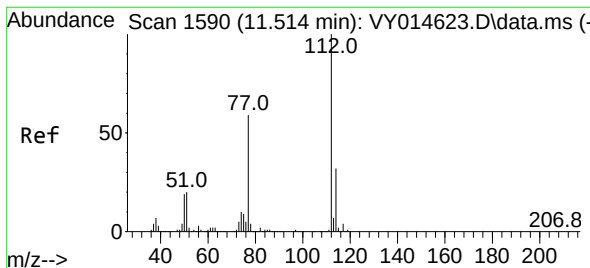
164 100

166 126.8 103.0 154.6

129 95.9 77.2 115.8

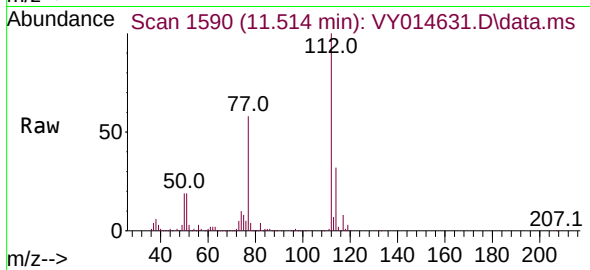
131 90.7 69.6 104.4





#65
Chlorobenzene
Concen: 22.143 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

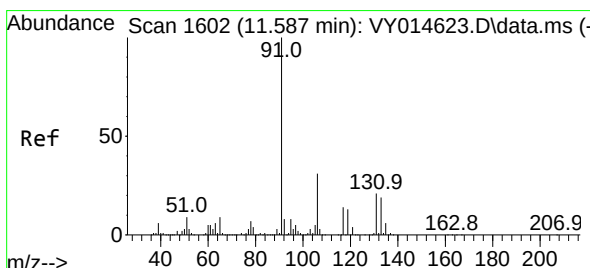
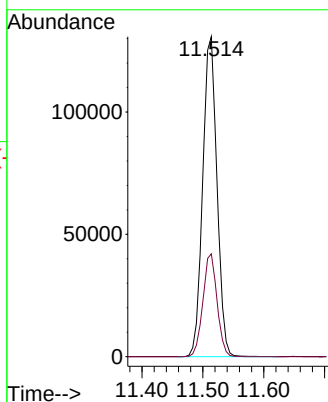
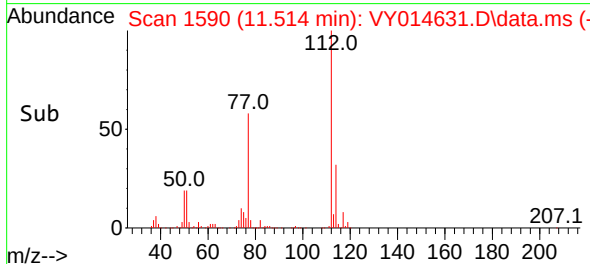
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



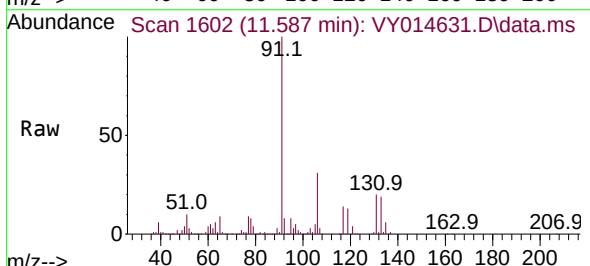
Tgt Ion:112 Resp: 21241
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

Manual Integrations
APPROVED

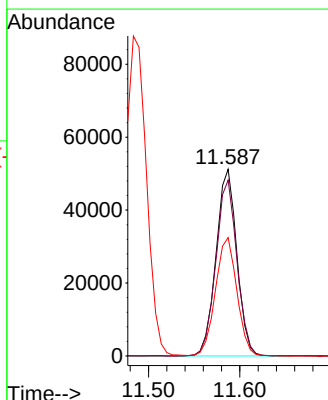
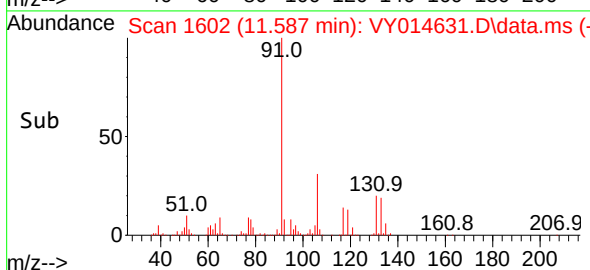
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

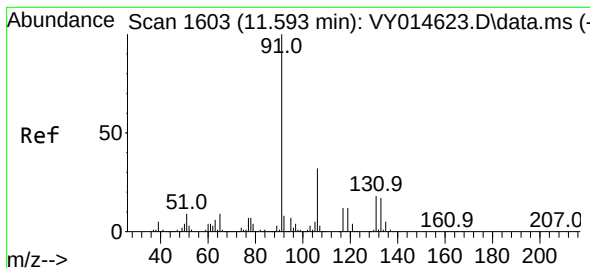


#66
1,1,1,2-Tetrachloroethane
Concen: 22.397 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48



Tgt Ion:131 Resp: 81008
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 65.6 31.6 94.7





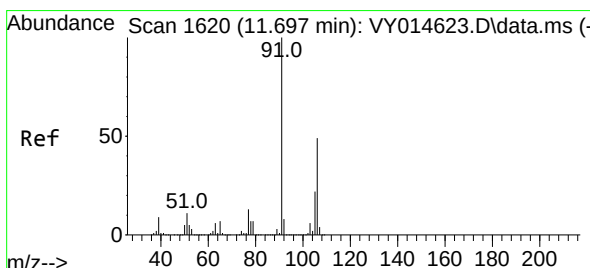
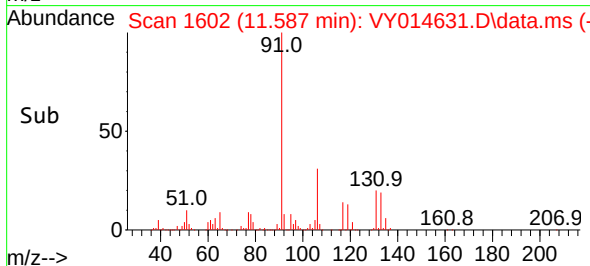
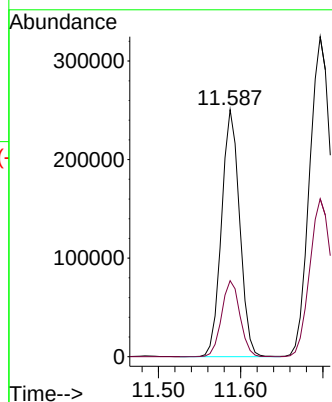
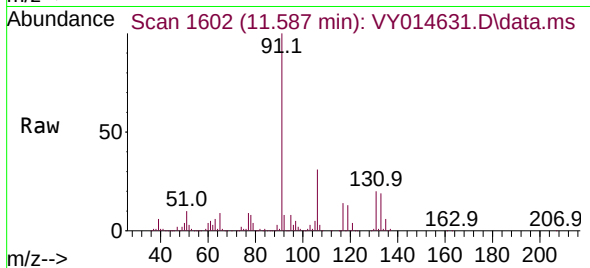
#67
Ethyl Benzene
Concen: 22.149 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tgt Ion: 91 Resp: 38362
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8

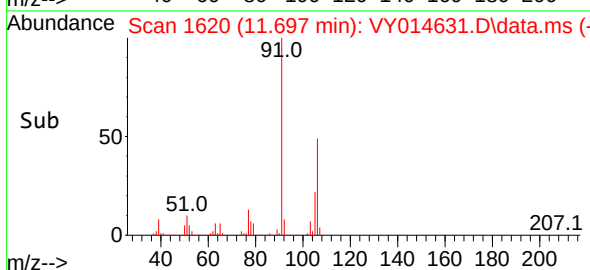
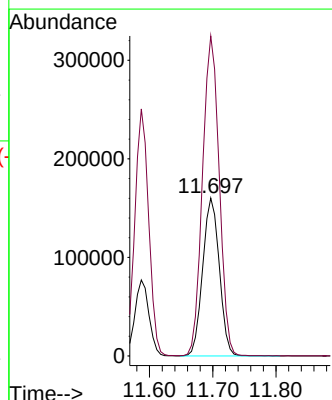
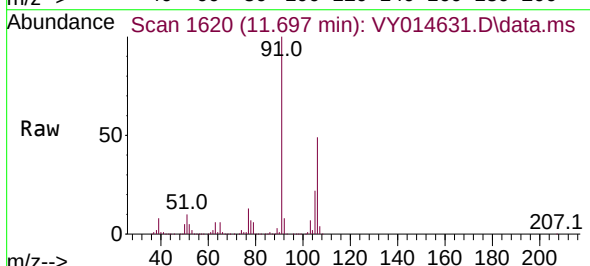
Manual Integrations
APPROVED

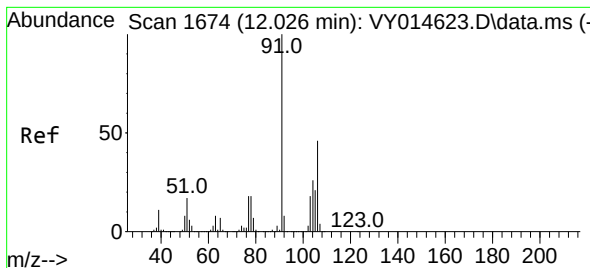
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#68
m/p-Xylenes
Concen: 44.375 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion:106 Resp: 293381
Ion Ratio Lower Upper
106 100
91 203.7 166.1 249.1





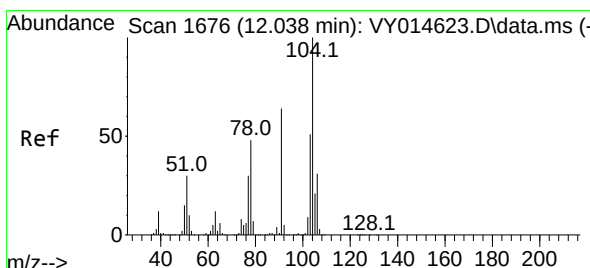
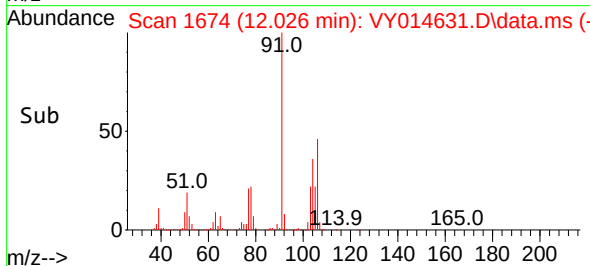
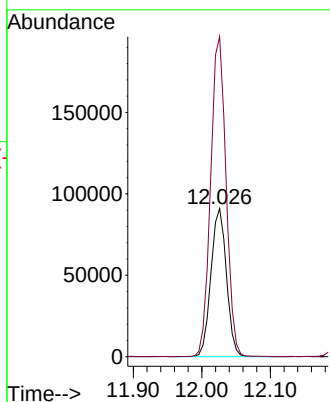
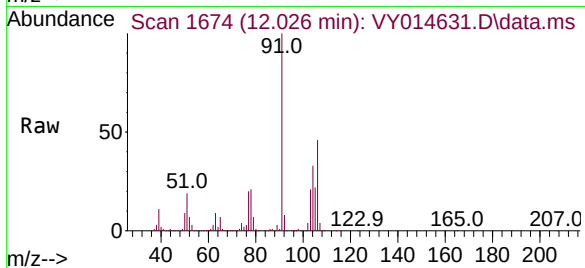
#69
o-Xylene
Concen: 22.209 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01

Tgt Ion:106 Resp: 143018
Ion Ratio Lower Upper
106 100
91 214.8 108.1 324.3

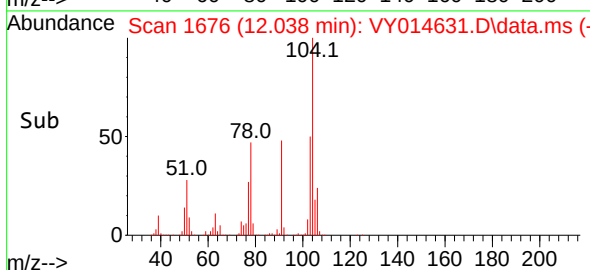
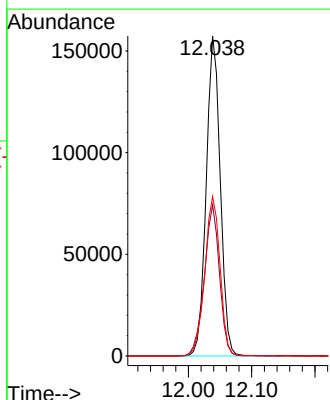
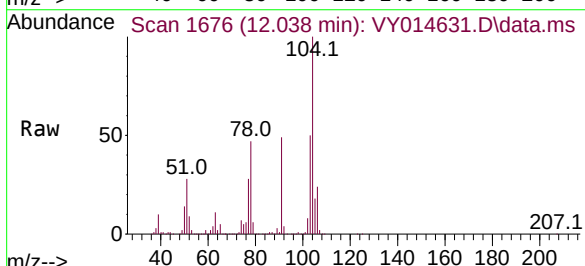
Manual Integrations
APPROVED

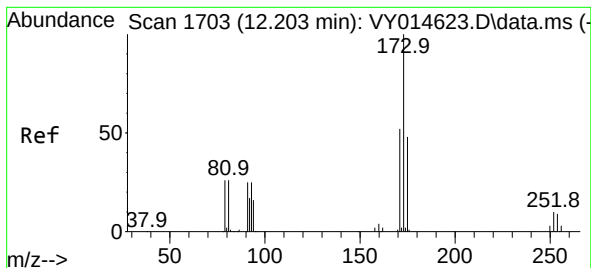
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#70
Styrene
Concen: 22.443 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion:104 Resp: 243588
Ion Ratio Lower Upper
104 100
78 50.9 41.5 62.3
103 54.1 44.6 67.0





#71

Bromoform

Concen: 23.576 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBSD01

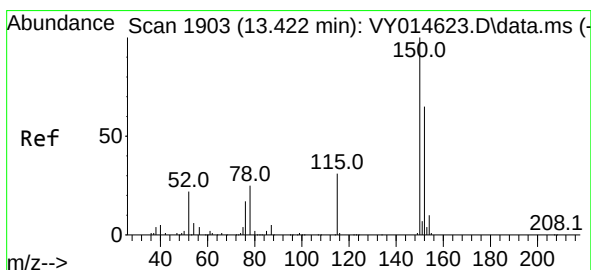
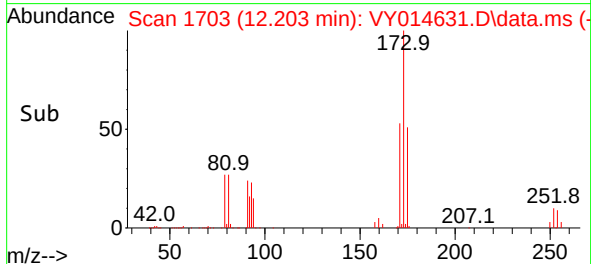
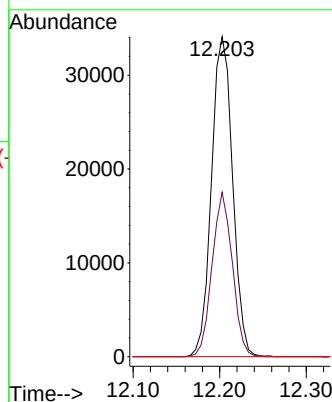
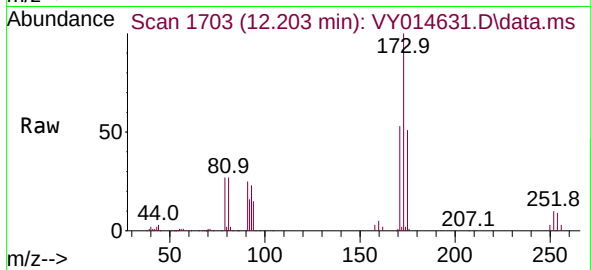
Tgt Ion:173	Resp:	57800
Ion Ratio	Lower	Upper
173	100	
175	49.2	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

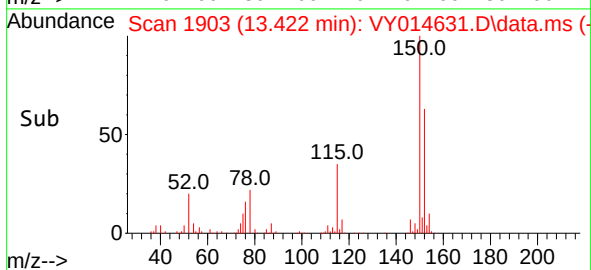
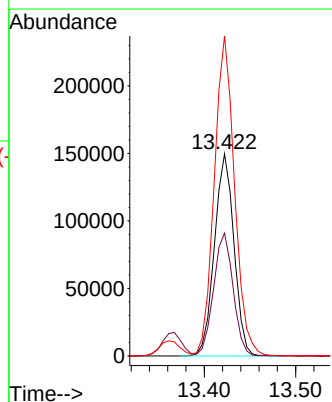
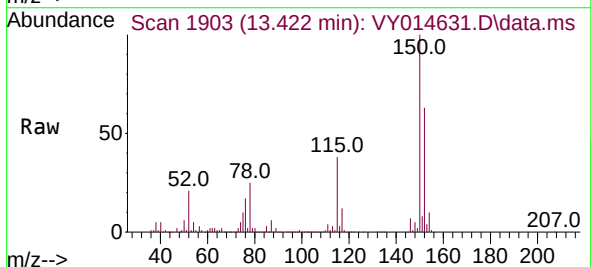
RT: 13.422 min Scan# 1903

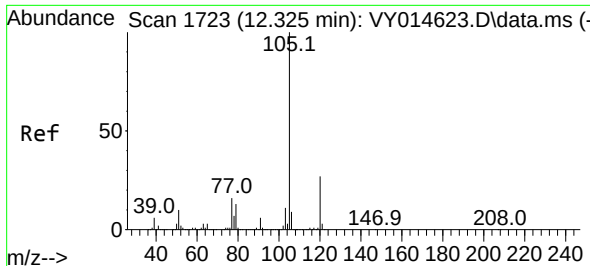
Delta R.T. 0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

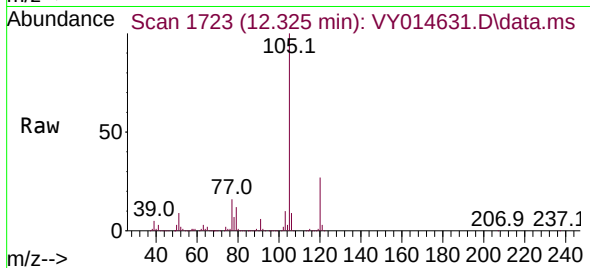
Tgt Ion:152	Resp:	222283
Ion Ratio	Lower	Upper
152	100	
115	60.8	28.8 86.5
150	164.3	0.0 348.8





#73
Isopropylbenzene
Concen: 21.690 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

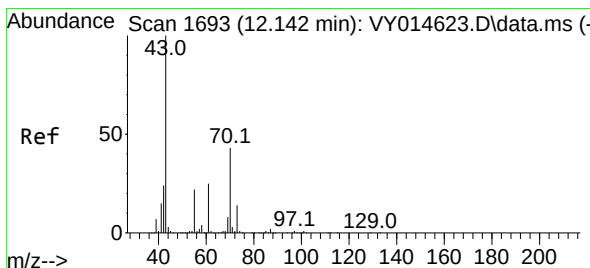
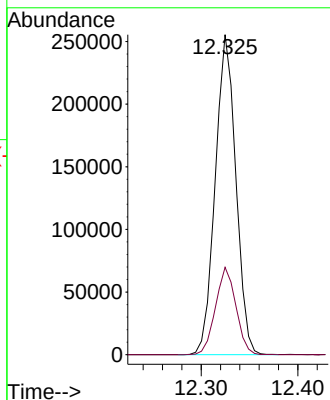
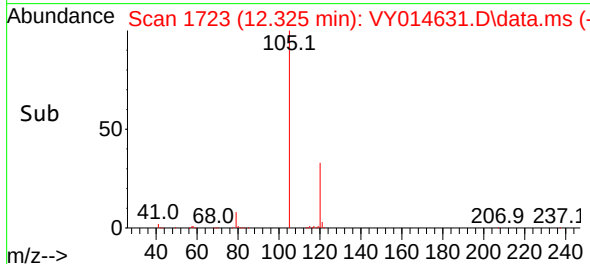
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01



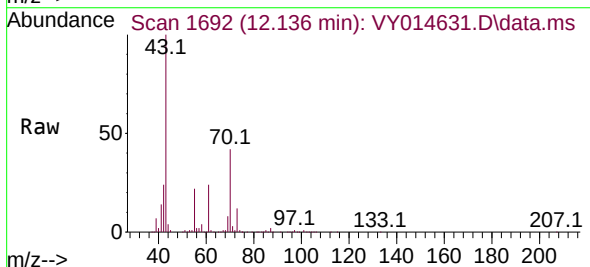
Tgt Ion:105 Resp: 377508
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

Manual Integrations
APPROVED

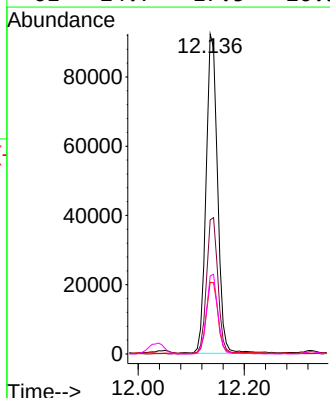
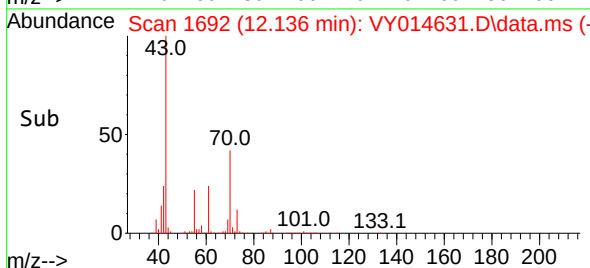
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

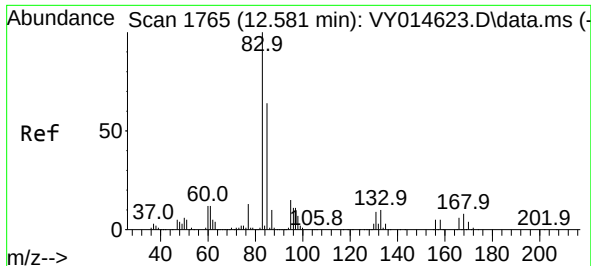


#74
N-ethyl acetate
Concen: 23.764 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48



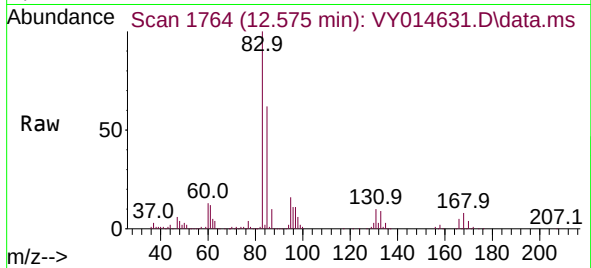
Tgt Ion: 43 Resp: 138526
Ion Ratio Lower Upper
43 100
70 42.7 29.7 44.5
55 22.3 18.3 27.5
61 24.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 23.398 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

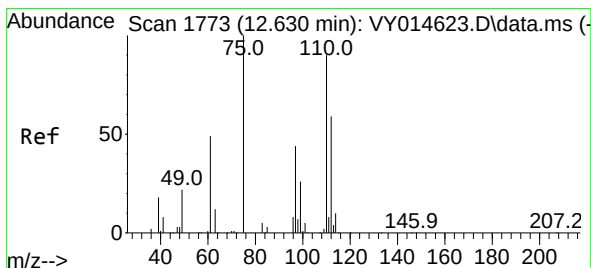
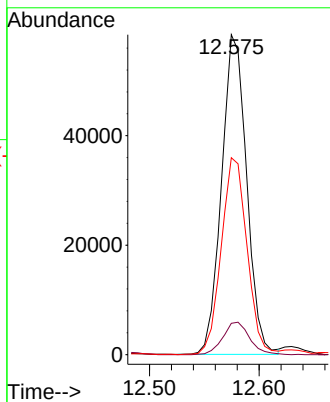
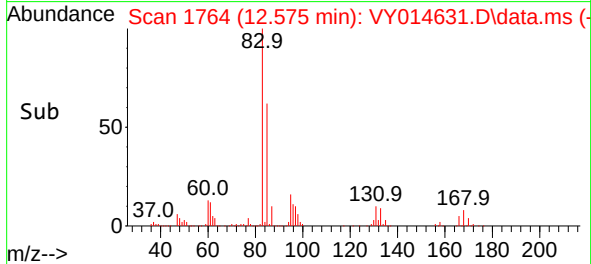
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 83 Resp: 9286
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 63.3 31.8 95.4

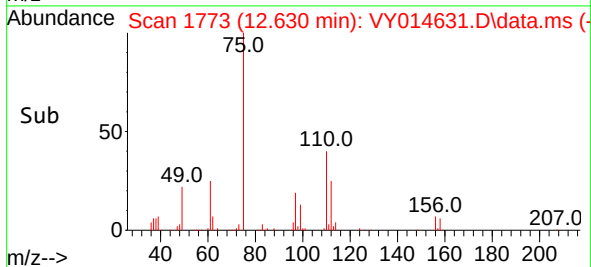
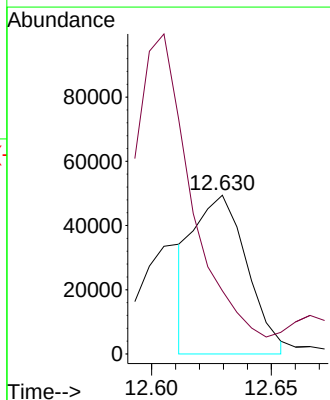
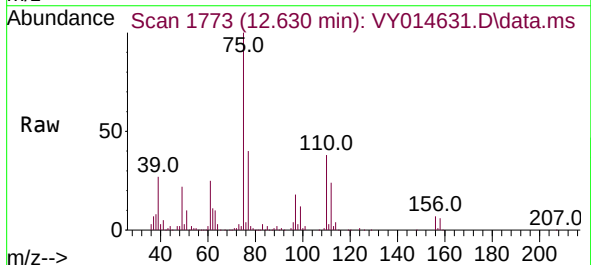
Manual Integrations
APPROVED

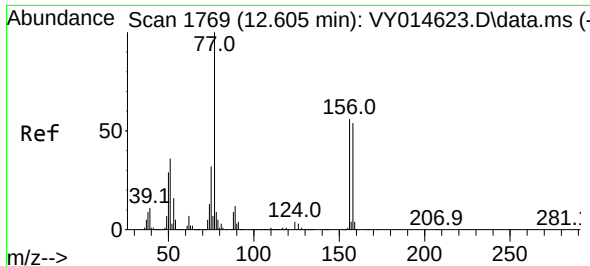
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#76
1,2,3-Trichloropropane
Concen: 27.245 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

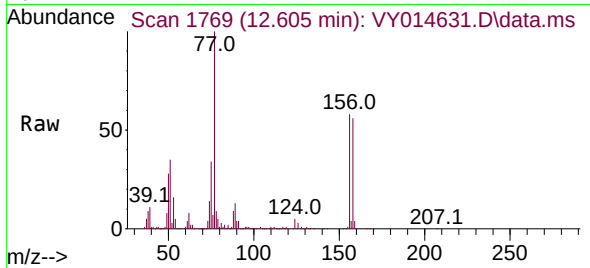
Tgt Ion: 75 Resp: 76488
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 22.158 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

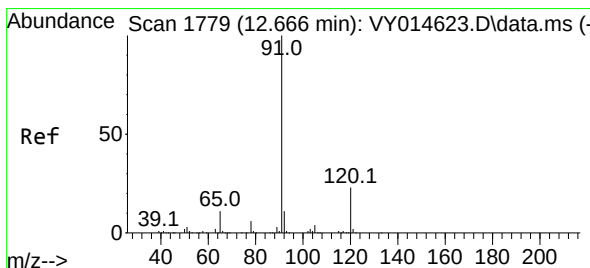
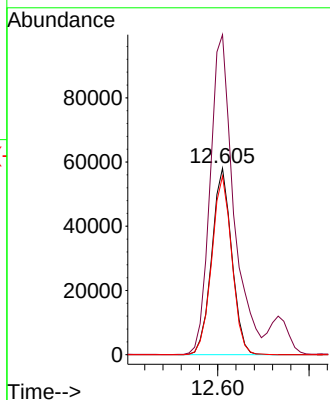
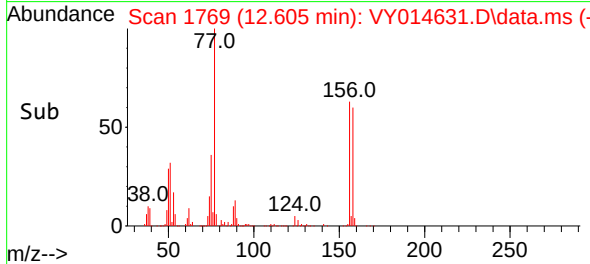
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01



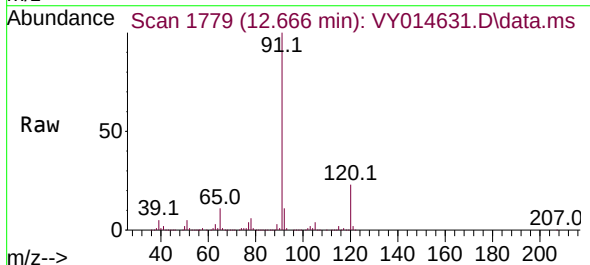
Tgt Ion:156 Resp: 88034
Ion Ratio Lower Upper
156 100
77 201.9 92.8 278.6
158 96.2 48.4 145.3

Manual Integrations
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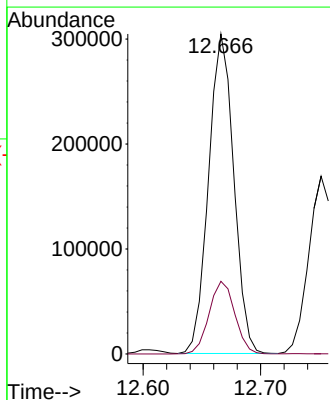
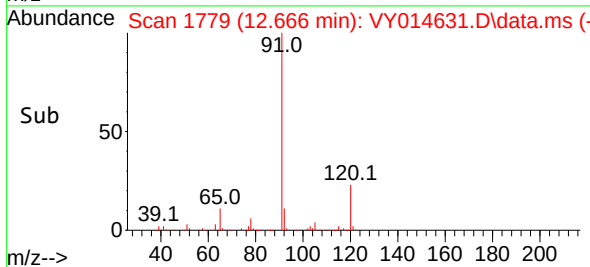
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

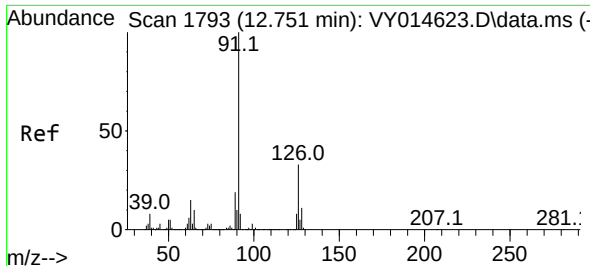


#78
n-propylbenzene
Concen: 21.637 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48



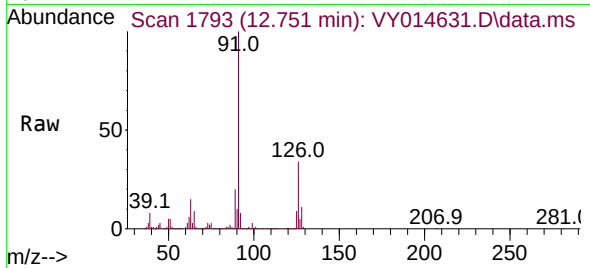
Tgt Ion: 91 Resp: 453793
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 21.461 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

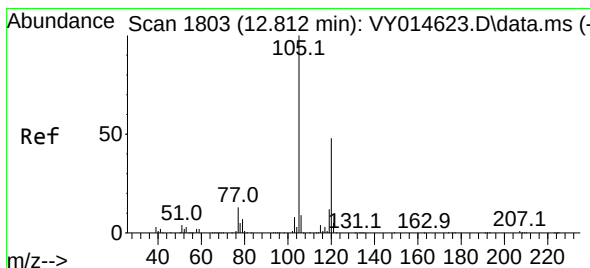
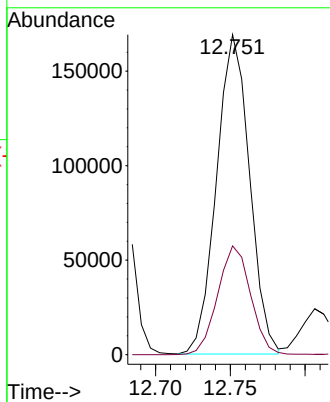
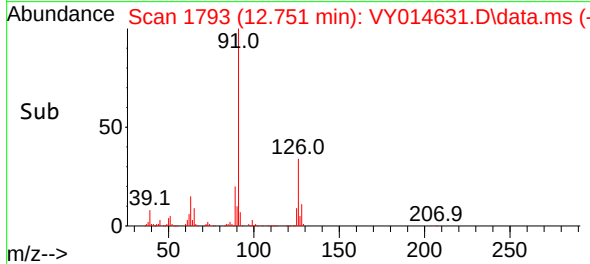
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



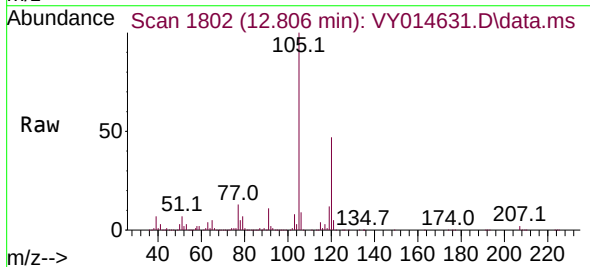
Tgt Ion: 91 Resp: 259250
Ion Ratio Lower Upper
91 100
126 34.0 17.3 51.7

Manual Integrations
APPROVED

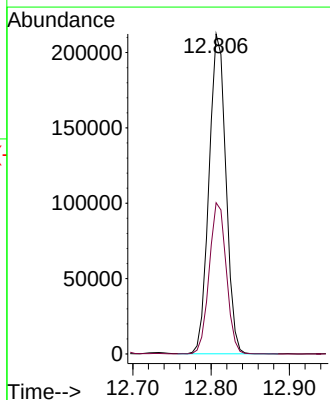
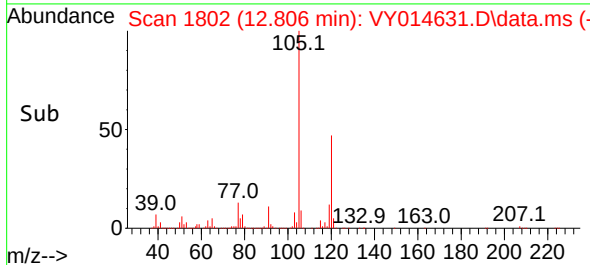
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023

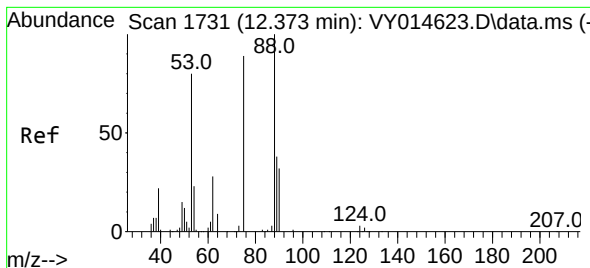


#80
1,3,5-Trimethylbenzene
Concen: 21.815 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48



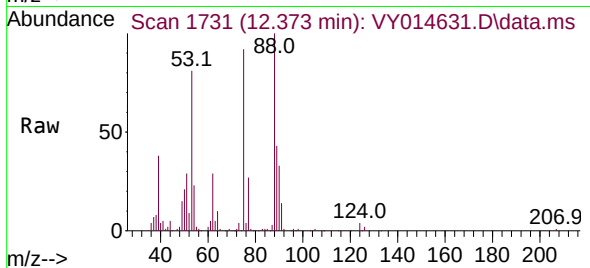
Tgt Ion:105 Resp: 317095
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 23.014 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

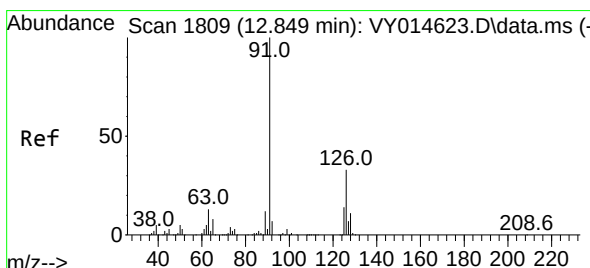
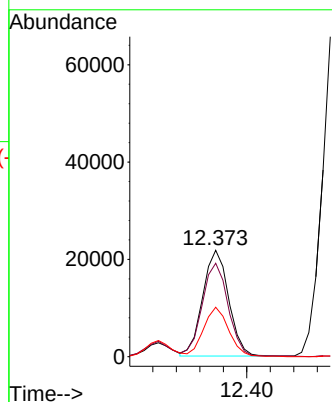
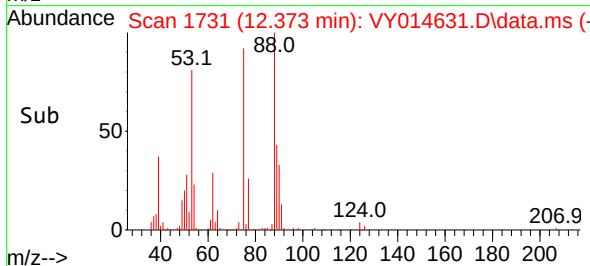
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion: 75 Resp: 33369
Ion Ratio Lower Upper
75 100
53 89.7 77.8 116.8
89 45.5 37.4 56.0

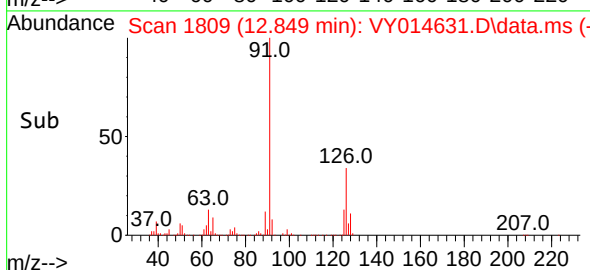
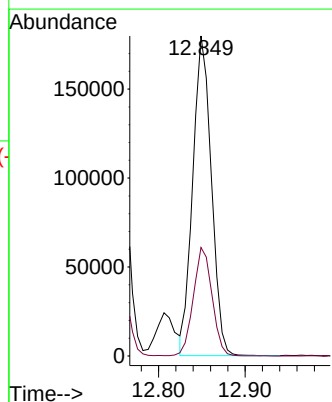
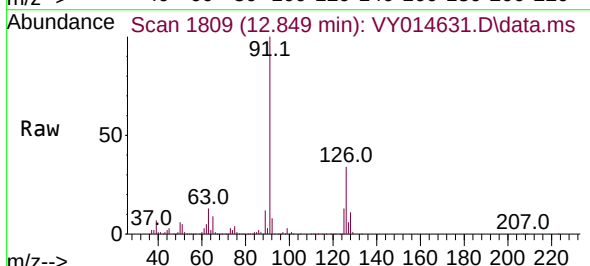
Manual Integrations
APPROVED

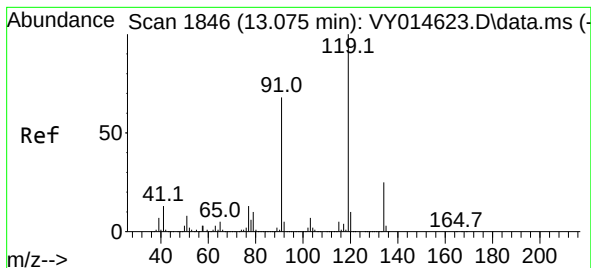
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#82
4-Chlorotoluene
Concen: 21.497 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 91 Resp: 267450
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





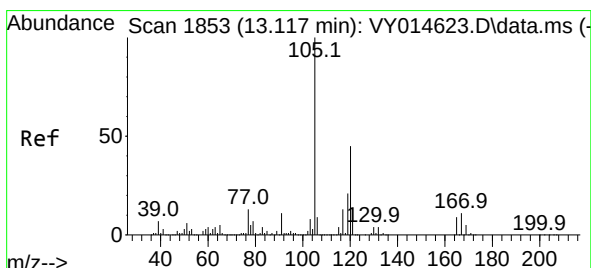
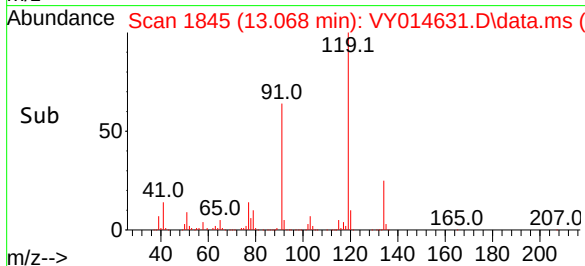
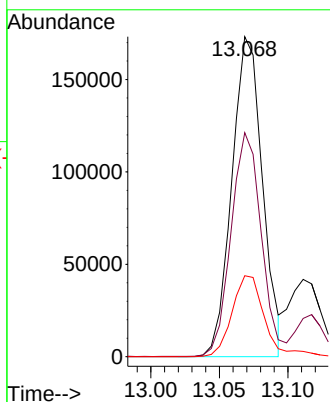
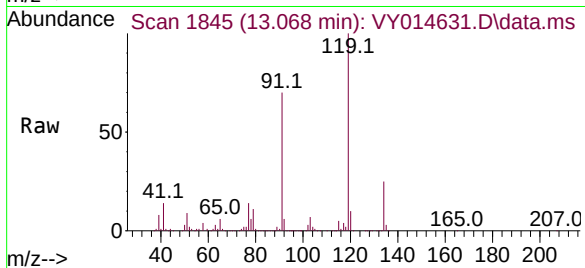
#83
tert-Butylbenzene
Concen: 20.898 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.007 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

Tgt Ion:119 Resp: 269459
Ion Ratio Lower Upper
119 100
91 69.2 32.9 98.6
134 27.0 13.0 38.9

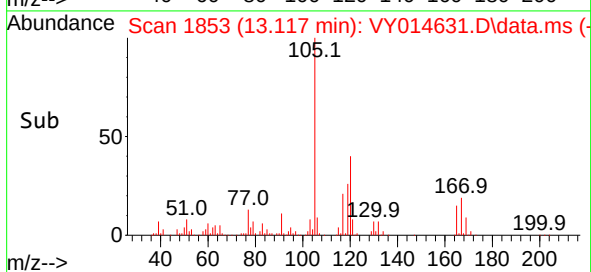
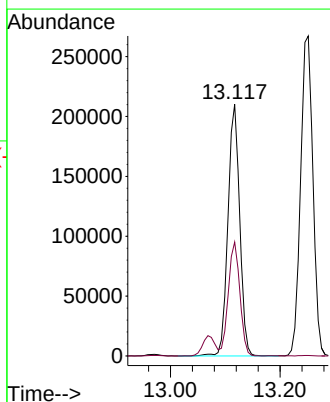
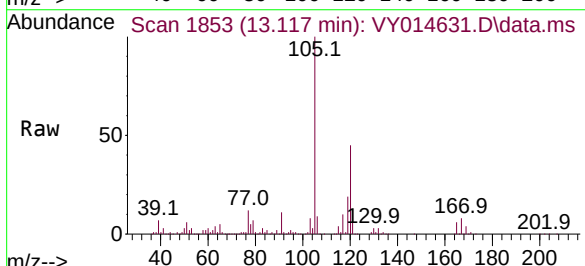
Manual Integrations
APPROVED

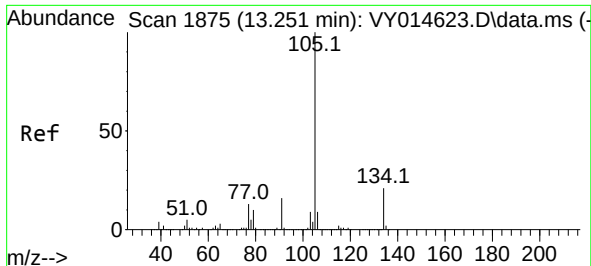
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.995 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion:105 Resp: 313764
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6





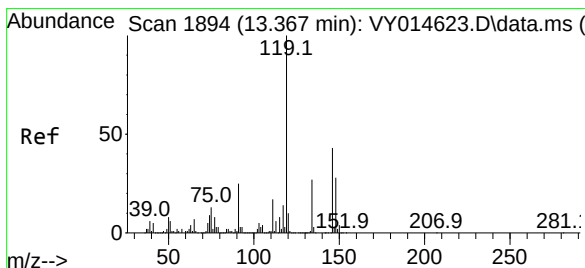
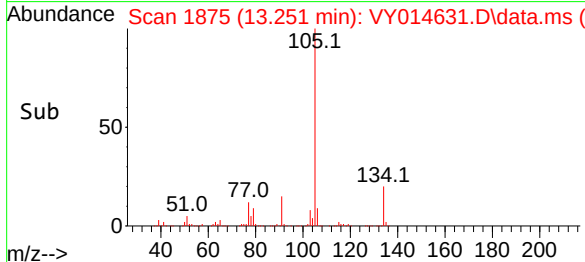
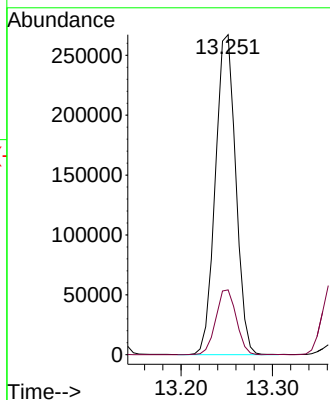
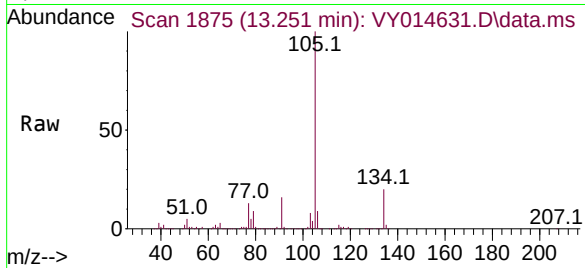
#85
 sec-Butylbenzene
 Concen: 21.916 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tgt Ion:105 Resp: 41454
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

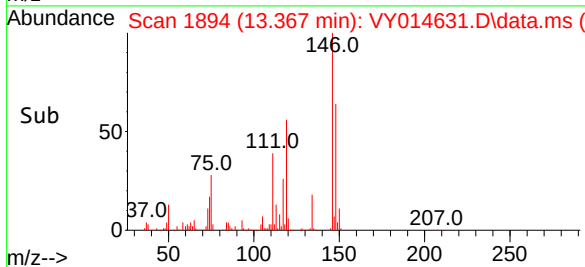
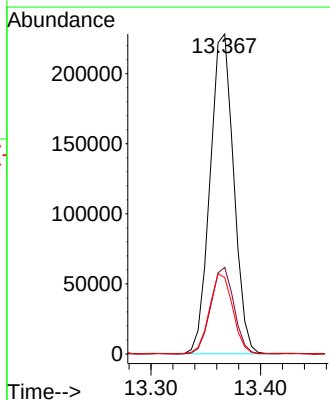
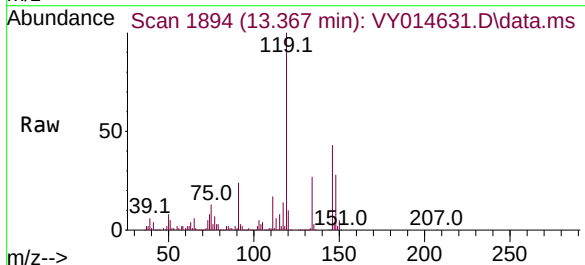
Manual Integrations
 APPROVED

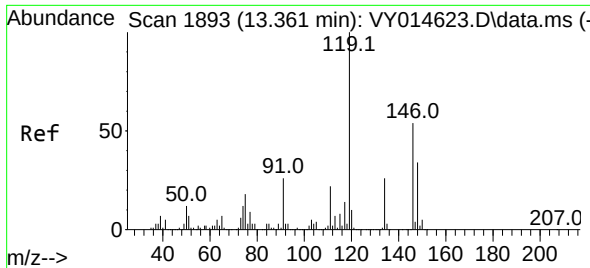
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#86
 p-Isopropyltoluene
 Concen: 22.141 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48

Tgt Ion:119 Resp: 341926
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 24.6 12.4 37.4





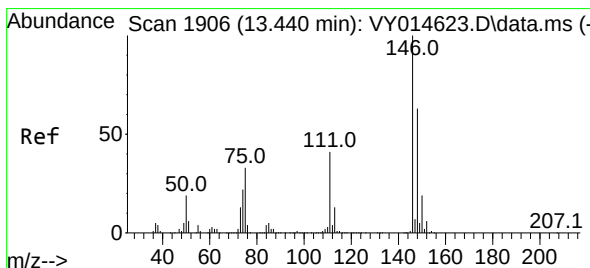
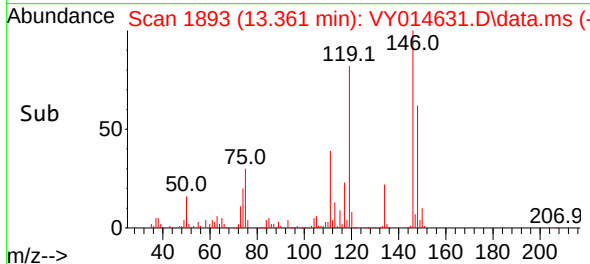
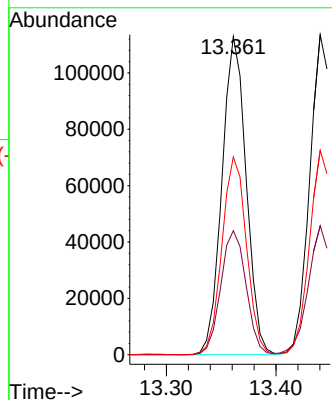
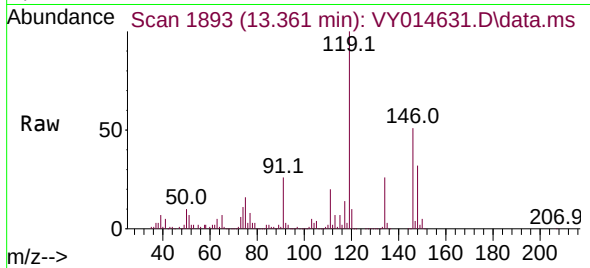
#87
 1,3-Dichlorobenzene
 Concen: 22.419 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBS01

Tgt Ion:146 Resp: 17335
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.4 58.2
 148 62.9 31.9 95.5

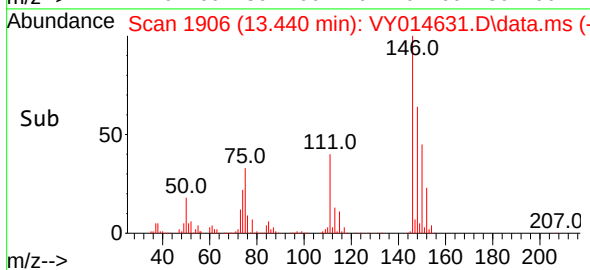
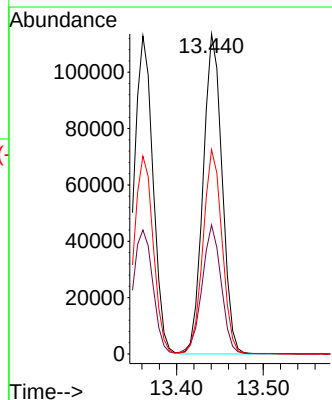
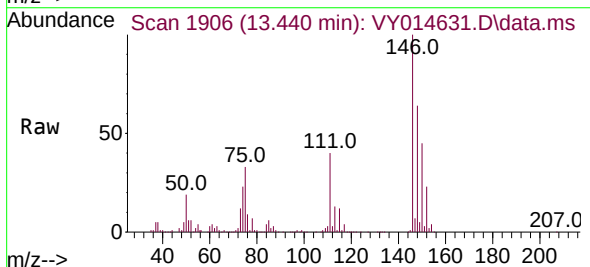
Manual Integrations
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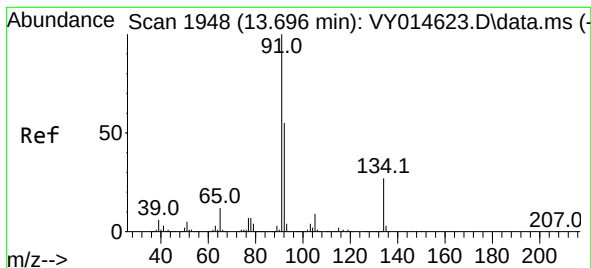
Reviewed By :John Carlone 07/14/2023
 Supervised By :Mahesh Dadoda 07/14/2023



#88
 1,4-Dichlorobenzene
 Concen: 22.304 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY014631.D
 Acq: 13 Jul 2023 16:48

Tgt Ion:146 Resp: 172821
 Ion Ratio Lower Upper
 146 100
 111 40.5 18.9 56.7
 148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 21.928 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01

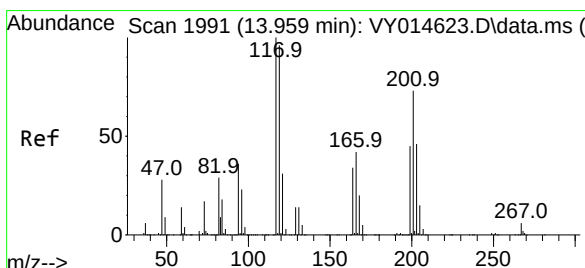
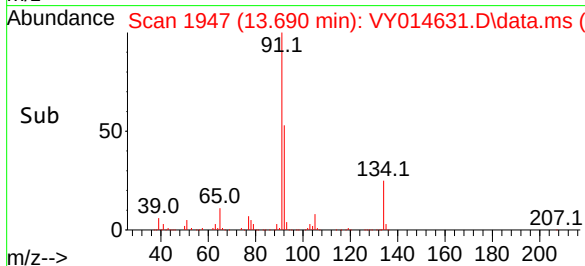
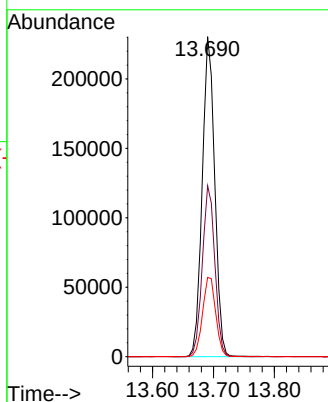
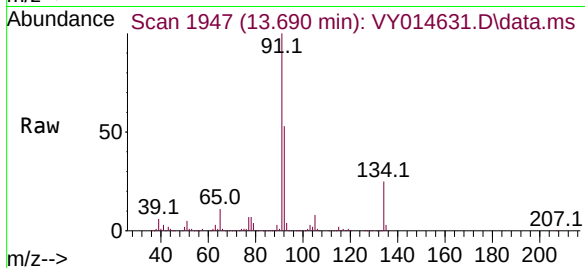
Tgt Ion: 91 Resp: 329462
 Ion Ratio Lower Upper
 91 100
 92 53.5 25.4 76.0
 134 26.0 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#90

Hexachloroethane

Concen: 21.498 ug/l

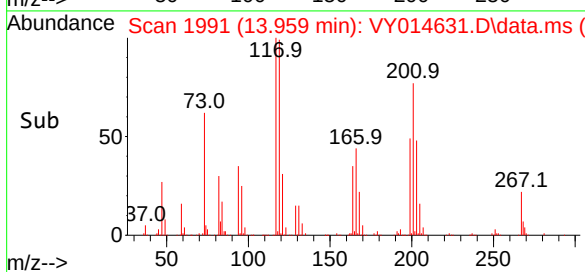
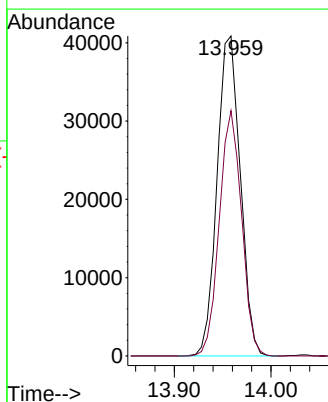
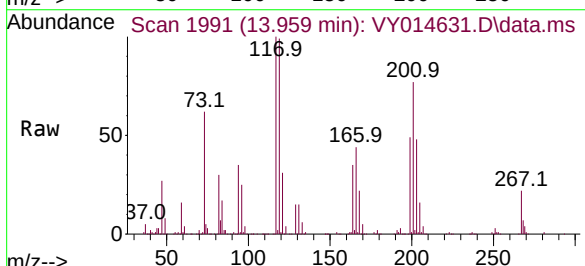
RT: 13.959 min Scan# 1991

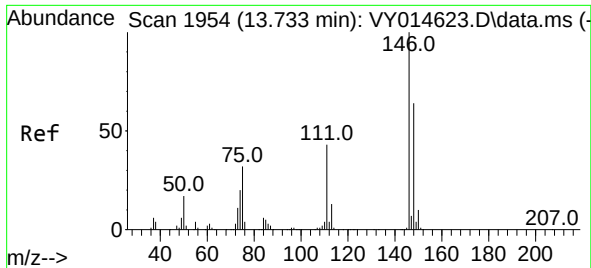
Delta R.T. -0.000 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

Tgt Ion:117 Resp: 68194
 Ion Ratio Lower Upper
 117 100
 201 73.4 41.6 124.8





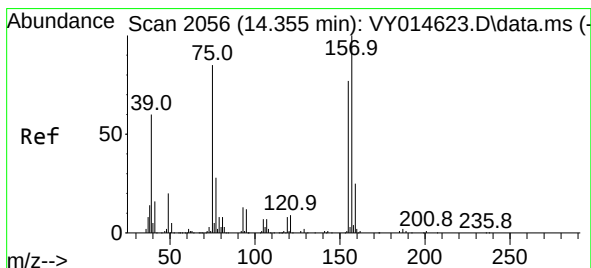
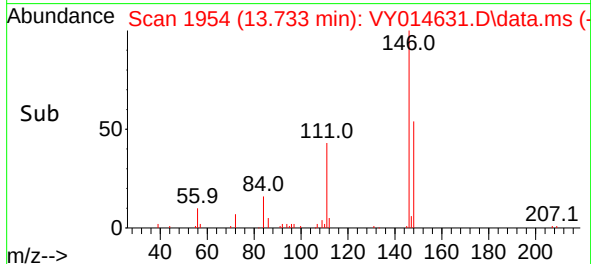
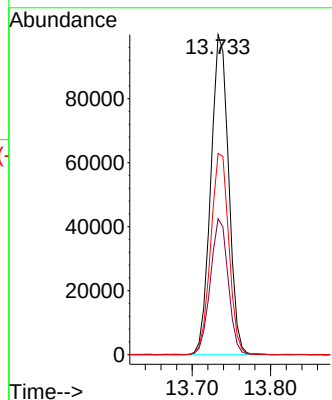
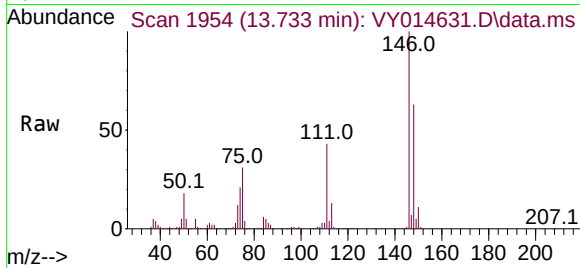
#91
1,2-Dichlorobenzene
Concen: 22.285 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBSD01

Tgt Ion:146 Resp: 157874
Ion Ratio Lower Upper
146 100
111 42.5 19.7 59.0
148 64.1 32.0 96.2

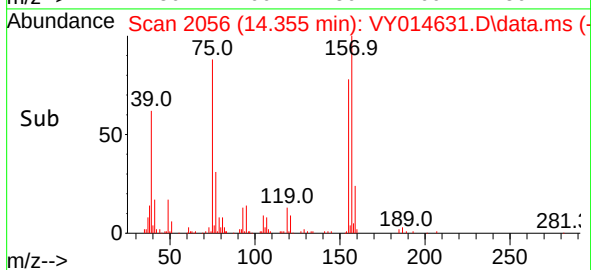
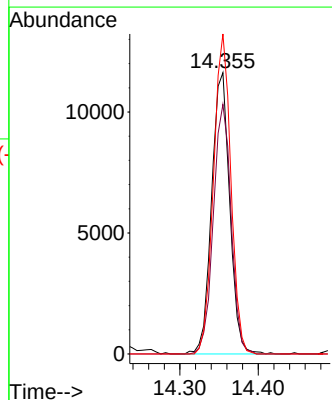
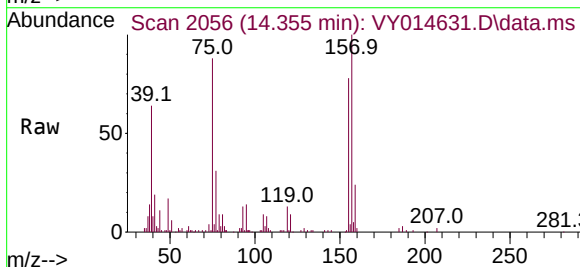
Manual Integrations
APPROVED

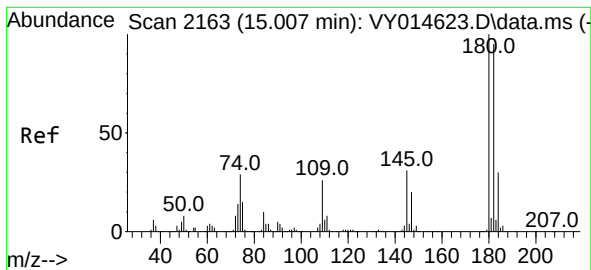
Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.557 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion: 75 Resp: 18640
Ion Ratio Lower Upper
75 100
155 87.3 41.5 124.6
157 109.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.302 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014631.D

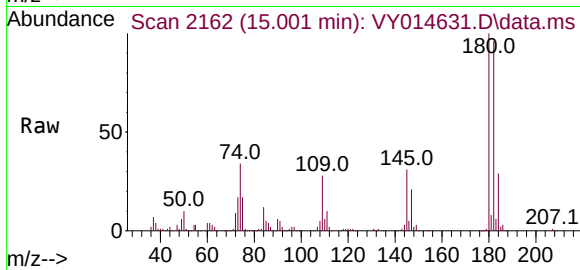
Acq: 13 Jul 2023 16:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBS01



Tgt Ion:180 Resp: 100294

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.2

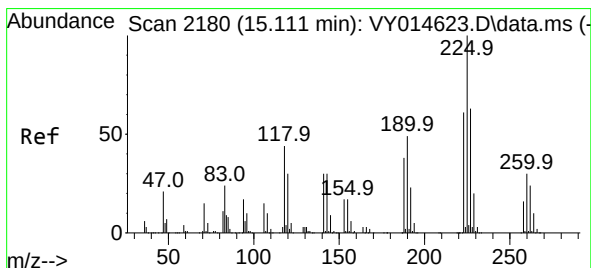
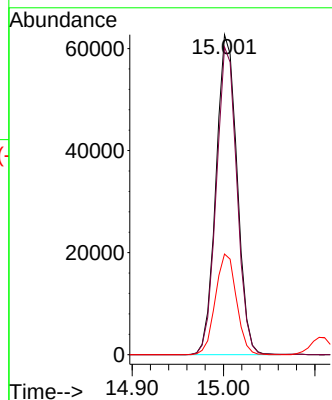
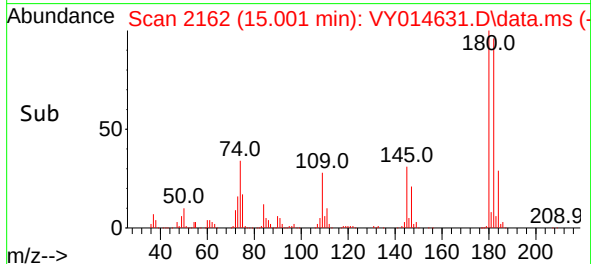
145 31.4 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Mahesh Dadoda 07/14/2023



#94

Hexachlorobutadiene

Concen: 21.654 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014631.D

Acq: 13 Jul 2023 16:48

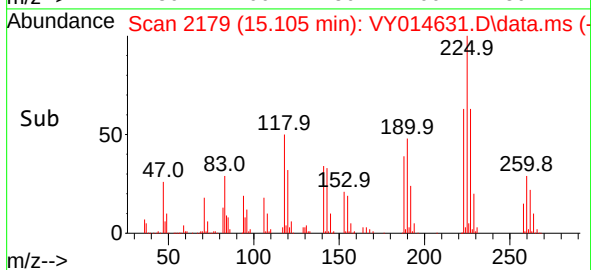
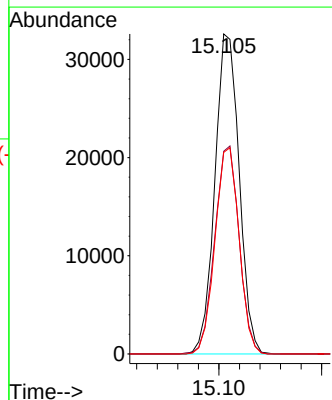
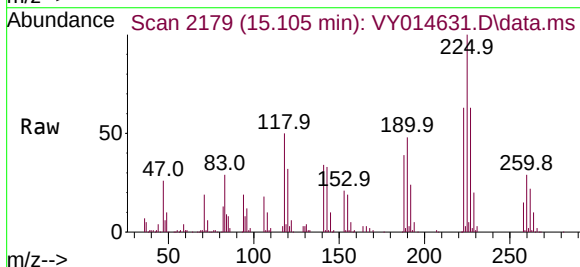
Tgt Ion:225 Resp: 53513

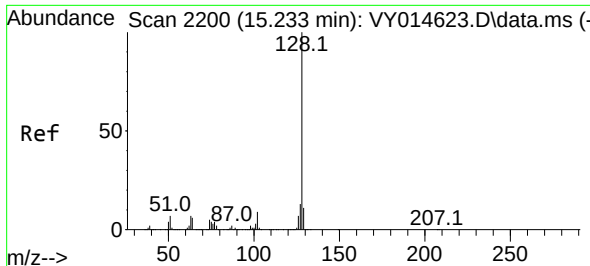
Ion Ratio Lower Upper

225 100

223 65.1 31.9 95.9

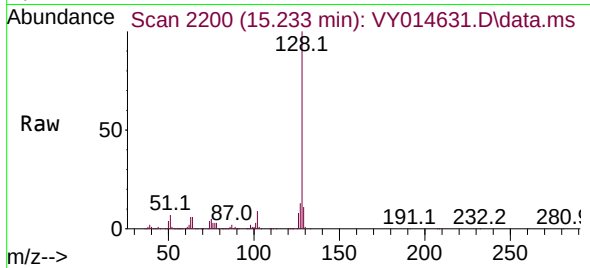
227 63.8 33.0 98.9





#95
Naphthalene
Concen: 23.771 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

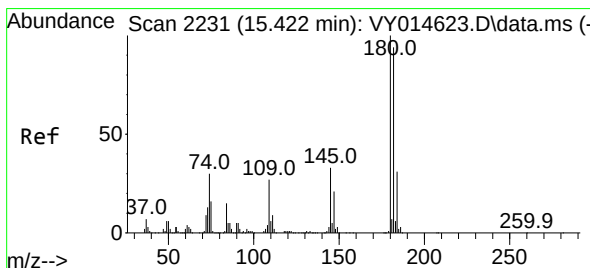
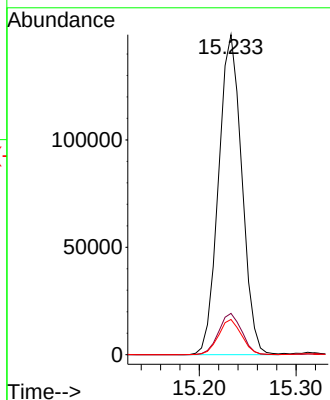
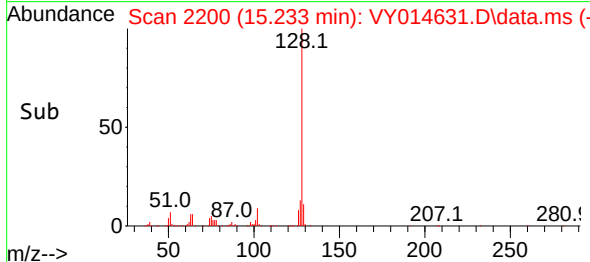
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBS01



Tgt Ion:128 Resp: 249052
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2023
Supervised By :Mahesh Dadoda 07/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 22.714 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY014631.D
Acq: 13 Jul 2023 16:48

Tgt Ion:180 Resp: 90783
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.8
145 34.0 15.4 46.2

