

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014610.D
 Acq On : 10 Jul 2023 12:09
 Operator : SY/MD
 Sample : VY0710SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Quant Time: Jul 11 03:14:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/11/2023
 Supervised By : Mahesh Dadoda 07/11/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	332347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	482838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	444536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	243369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	164235	49.676	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.360%		
35) Dibromofluoromethane	7.716	113	156971	52.793	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.580%		
50) Toluene-d8	10.179	98	610345	51.927	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.860%		
62) 4-Bromofluorobenzene	12.477	95	209629	51.361	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	63314	24.207	ug/l	93
3) Chloromethane	2.113	50	87034	22.612	ug/l	96
4) Vinyl Chloride	2.247	62	101200	22.810	ug/l	96
5) Bromomethane	2.631	94	75615	21.980	ug/l	95
6) Chloroethane	2.784	64	62671	21.938	ug/l	95
7) Trichlorofluoromethane	3.119	101	118058	21.910	ug/l	99
8) Diethyl Ether	3.528	74	41274	20.230	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	69892	21.721	ug/l	98
10) Methyl Iodide	4.089	142	74486	20.285	ug/l	93
11) Tert butyl alcohol	4.954	59	43980	62.278	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	64362	20.647	ug/l	90
13) Acrolein	3.735	56	39679	90.171	ug/l	100
14) Allyl chloride	4.479	41	90113	19.179	ug/l #	88
15) Acrylonitrile	5.168	53	102947	87.896	ug/l	98
16) Acetone	3.948	43	95653	92.644	ug/l #	85
17) Carbon Disulfide	4.192	76	198449	20.890	ug/l	99
18) Methyl Acetate	4.479	43	85833	18.262	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	162514	18.140	ug/l	99
20) Methylene Chloride	4.716	84	98710	23.762	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	66675	18.896	ug/l	94
22) Diisopropyl ether	6.119	45	180513	18.645	ug/l	92
23) Vinyl Acetate	6.058	43	511750	91.363	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	116051	19.094	ug/l	99
25) 2-Butanone	6.984	43	132405	86.609	ug/l	91
26) 2,2-Dichloropropane	6.984	77	99160	19.141	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	75245	18.799	ug/l	89
28) Bromochloromethane	7.332	49	50292	19.706	ug/l #	81
29) Tetrahydrofuran	7.350	42	86819	88.044	ug/l #	86
30) Chloroform	7.509	83	121739	19.202	ug/l	93
31) Cyclohexane	7.789	56	99814	19.243	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	106221	19.601	ug/l	98
36) 1,1-Dichloropropene	7.917	75	92645	20.346	ug/l	98
37) Ethyl Acetate	7.076	43	56974	18.245	ug/l #	93
38) Carbon Tetrachloride	7.905	117	98965	20.820	ug/l	99
39) Methylcyclohexane	9.185	83	108607	19.955	ug/l	94
40) Benzene	8.161	78	264383	19.181	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	31225m	20.468	ug/l	
42) 1,2-Dichloroethane	8.234	62	79623	19.654	ug/l	93
43) Isopropyl Acetate	8.277	43	98306	18.577	ug/l #	91
44) Trichloroethene	8.941	130	78228	20.358	ug/l	95
45) 1,2-Dichloropropane	9.216	63	68706	19.431	ug/l	98
46) Dibromomethane	9.307	93	42387	19.691	ug/l	93
47) Bromodichloromethane	9.496	83	93379	19.688	ug/l	98
48) Methyl methacrylate	9.295	41	46262	19.224	ug/l #	82
49) 1,4-Dioxane	9.301	88	13248	344.652	ug/l #	60
51) 4-Methyl-2-Pentanone	10.069	43	292140	93.247	ug/l	90
52) Toluene	10.246	92	169924	19.591	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	103278	20.363	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	109681	19.382	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	63470	20.263	ug/l	96
56) Ethyl methacrylate	10.508	69	82678	19.404	ug/l #	81
57) 1,3-Dichloropropane	10.789	76	101537	19.895	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	202866	98.281	ug/l	96
59) 2-Hexanone	10.831	43	226287	99.988	ug/l	89
60) Dibromochloromethane	10.984	129	73019	19.895	ug/l	99
61) 1,2-Dibromoethane	11.087	107	60707	19.852	ug/l	100
64) Tetrachloroethene	10.721	164	79489	20.003	ug/l	96
65) Chlorobenzene	11.514	112	186109	19.645	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	72247	20.065	ug/l	97
67) Ethyl Benzene	11.593	91	311345	19.272	ug/l	98
68) m/p-Xylenes	11.703	106	250981	39.166	ug/l	95
69) o-Xylene	12.026	106	117373	19.311	ug/l	94
70) Styrene	12.044	104	202805	19.394	ug/l	97
71) Bromoform	12.209	173	56336	20.595	ug/l #	98
73) Isopropylbenzene	12.331	105	306978	19.260	ug/l	99
74) N-amyl acetate	12.142	43	89685	18.644	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	80245	19.619	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	57698m	20.203	ug/l	
77) Bromobenzene	12.605	156	84542	19.420	ug/l	95
78) n-propylbenzene	12.672	91	386307	19.869	ug/l	99
79) 2-Chlorotoluene	12.758	91	217566	19.444	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	263047	19.495	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	26825	18.283	ug/l	89
82) 4-Chlorotoluene	12.855	91	228456	19.489	ug/l	96
83) tert-Butylbenzene	13.075	119	228710	19.286	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	262327	19.483	ug/l	97
85) sec-Butylbenzene	13.252	105	349454	19.970	ug/l	100
86) p-Isopropyltoluene	13.367	119	292286	19.848	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	165662	19.463	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	166536	19.523	ug/l	99
89) n-Butylbenzene	13.697	91	274458	20.167	ug/l	98
90) Hexachloroethane	13.959	117	58812	20.161	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	151656	19.670	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14511	19.378	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	99568	19.994	ug/l	99
94) Hexachlorobutadiene	15.111	225	65683	21.460	ug/l	99
95) Naphthalene	15.239	128	193853	18.297	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	89827	19.797	ug/l	97

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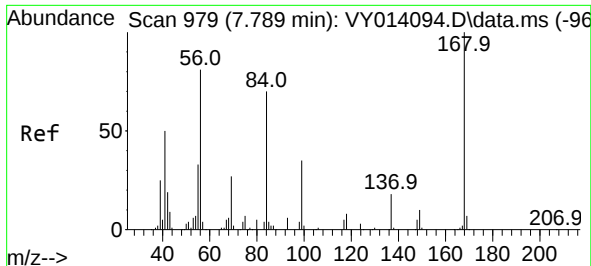
Manual Integrations
APPROVED

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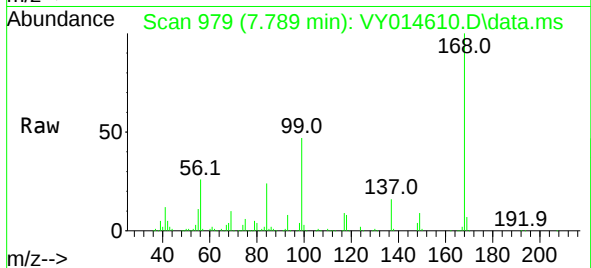
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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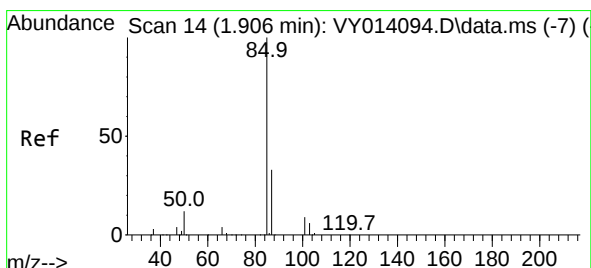
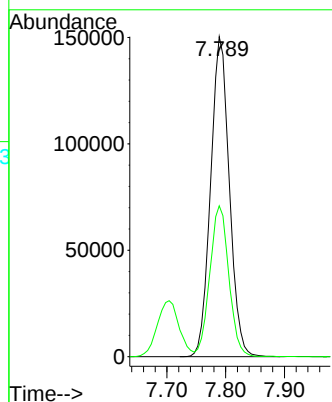
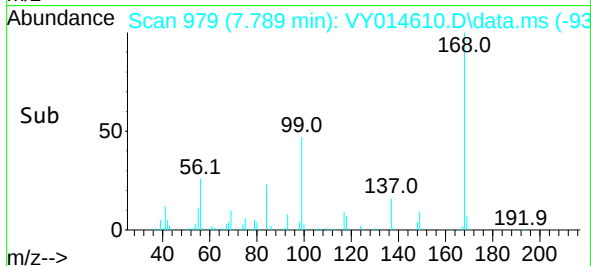
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion:168 Resp: 33234
Ion Ratio Lower Upper
168 100
99 47.1 43.4 65.0

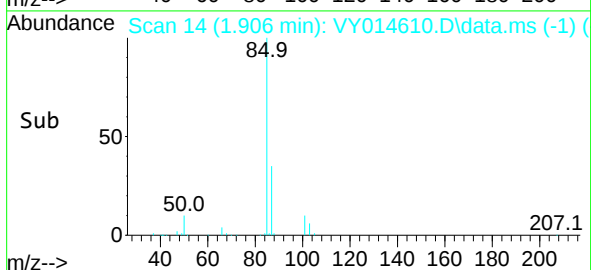
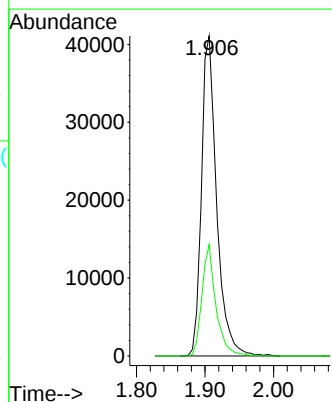
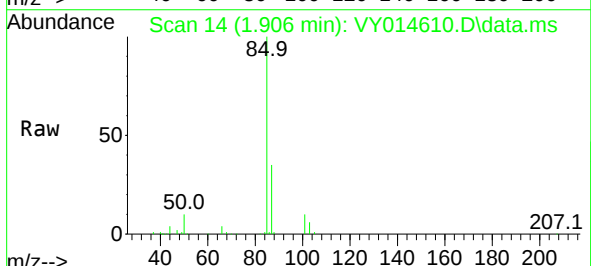
Manual Integrations
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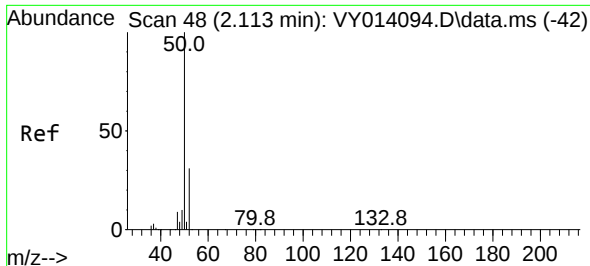
Reviewed By :John Carlone 07/11/2023
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#2
Dichlorodifluoromethane
Concen: 24.207 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

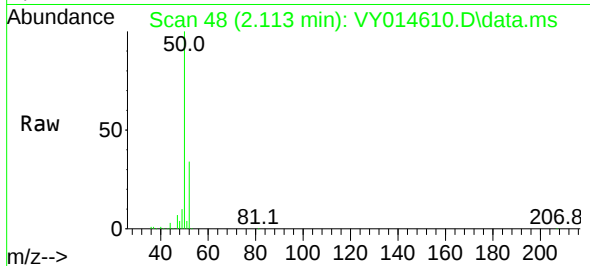
Tgt Ion: 85 Resp: 63314
Ion Ratio Lower Upper
85 100
87 34.8 15.6 46.8





#3
Chloromethane
Concen: 22.612 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

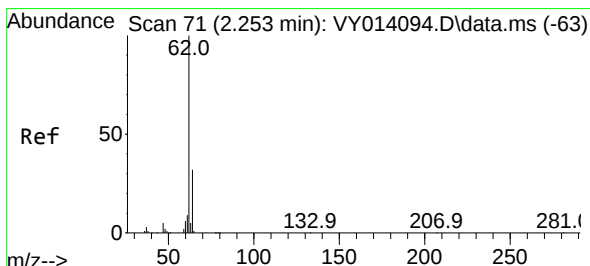
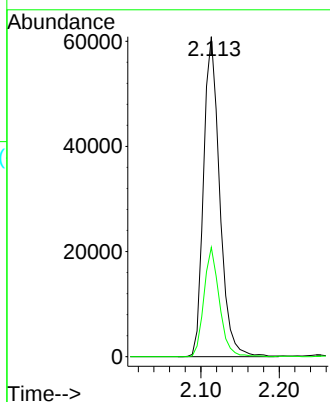
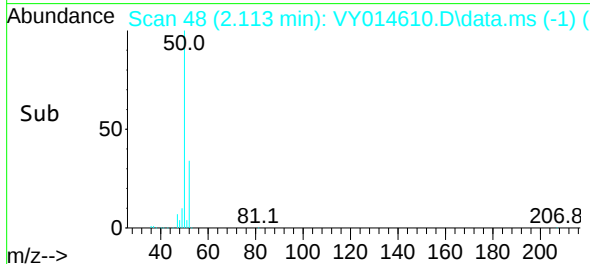
Instrument :
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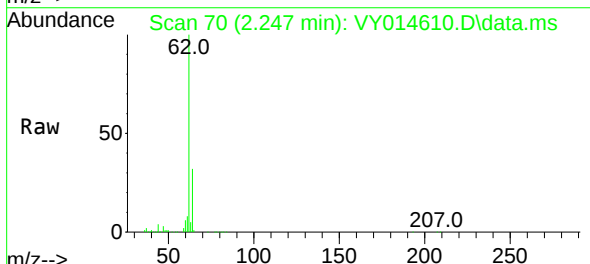
Tgt Ion: 50 Resp: 87034
Ion Ratio Lower Upper
50 100
52 34.2 25.4 38.2

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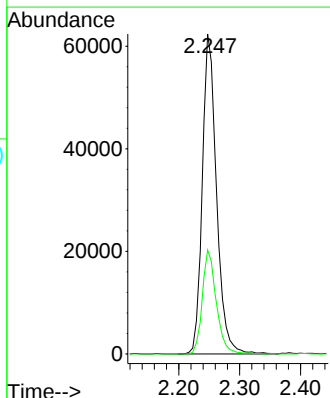
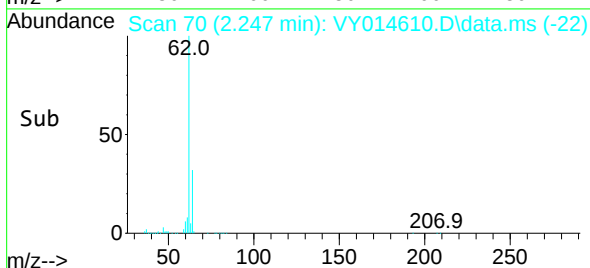
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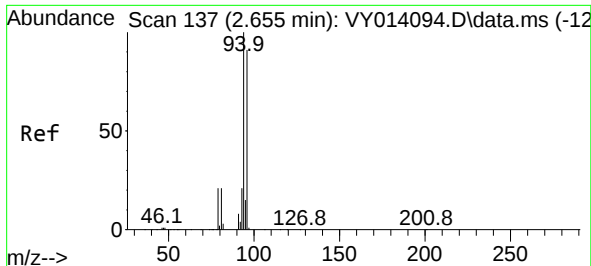


#4
Vinyl Chloride
Concen: 22.810 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09



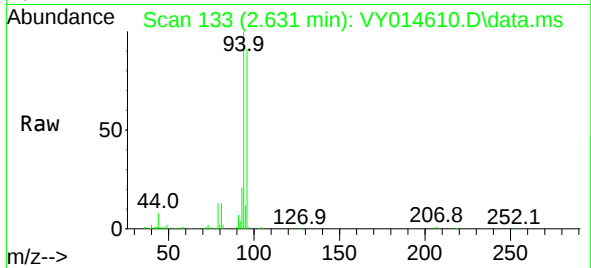
Tgt Ion: 62 Resp: 101200
Ion Ratio Lower Upper
62 100
64 32.5 24.3 36.5





#5
Bromomethane
Concen: 21.980 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

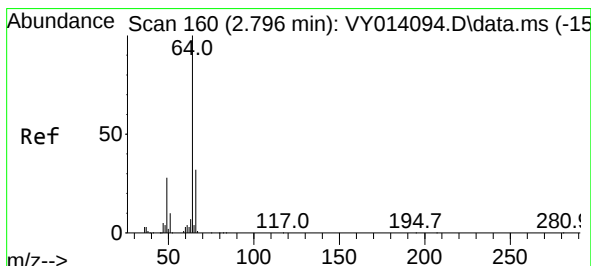
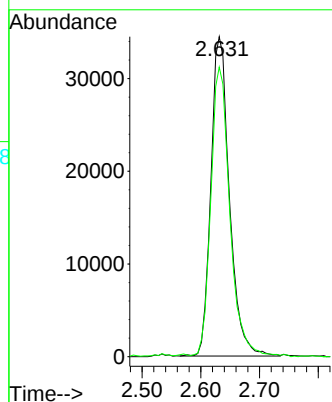
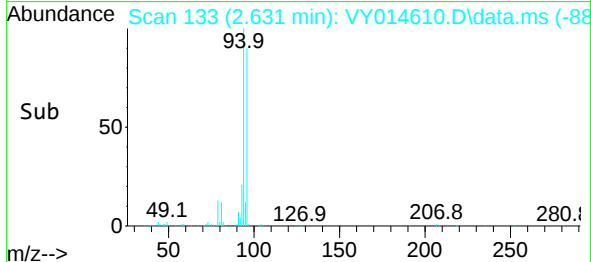
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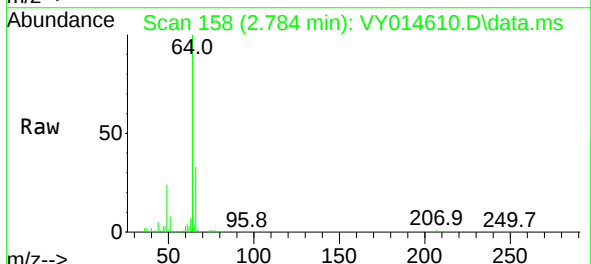
Tgt Ion: 94 Resp: 7561
Ion Ratio Lower Upper
94 100
96 90.3 75.8 113.6

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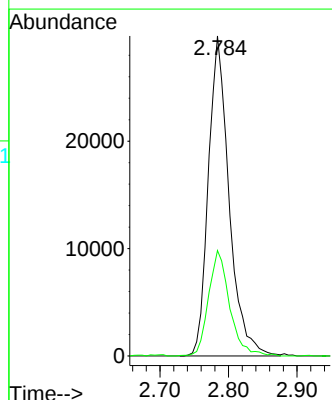
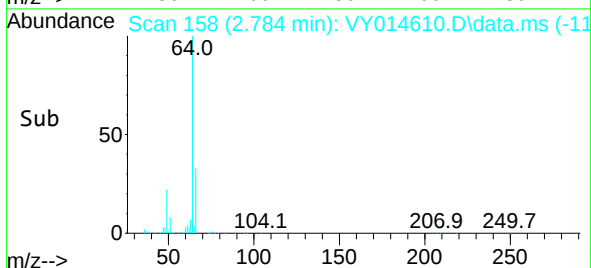
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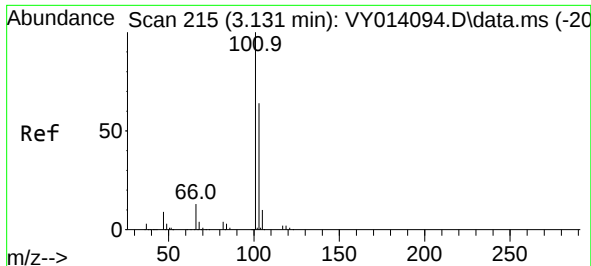


#6
Chloroethane
Concen: 21.938 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY014610.D
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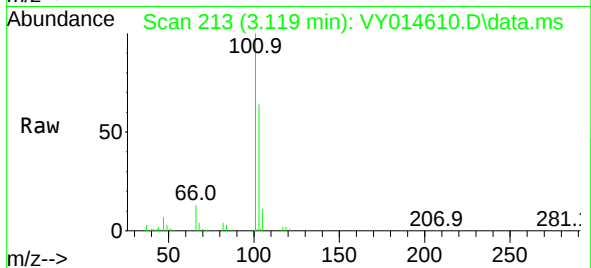
Tgt Ion: 64 Resp: 62671
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6





#7
Trichlorofluoromethane
Concen: 21.910 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

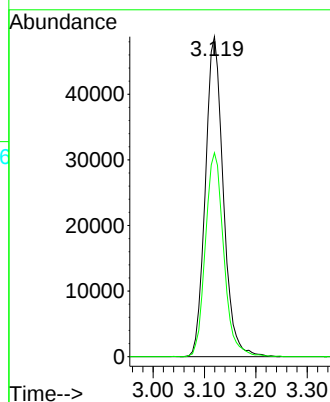
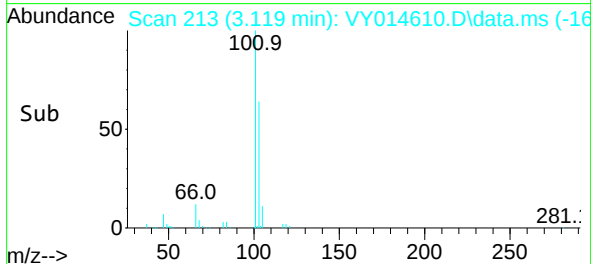
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MSVOA_Y
ClientSampleId :
VY0710SBS01



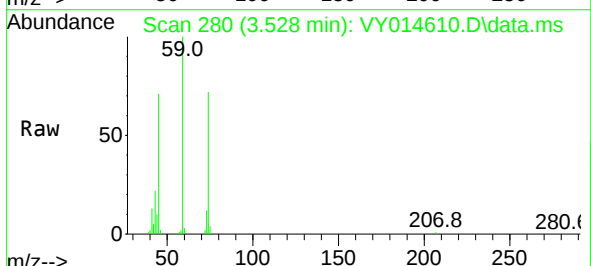
Tgt Ion:101 Resp: 118058
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.0

Manual Integrations
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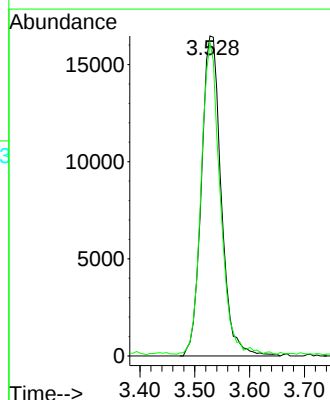
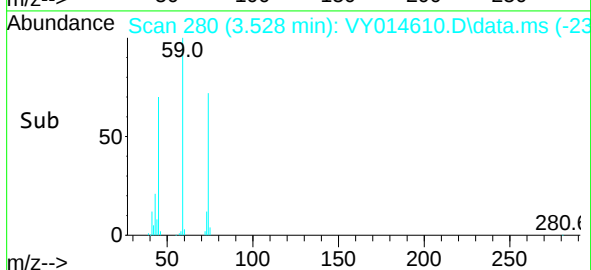
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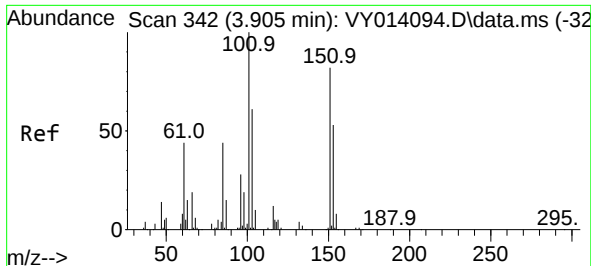


#8
Diethyl Ether
Concen: 20.230 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.005 min
Lab File: VY014610.D
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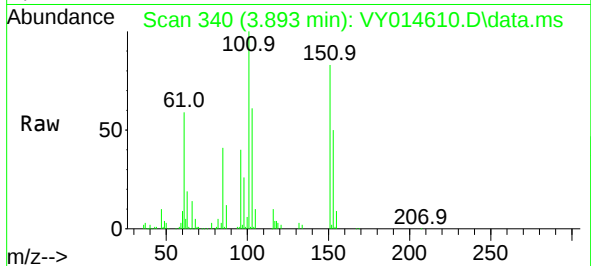
Tgt Ion: 74 Resp: 41274
Ion Ratio Lower Upper
74 100
45 92.2 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.721 ug/l
RT: 3.893 min Scan# 342
Delta R.T. -0.012 min
Lab File: VY014610.D
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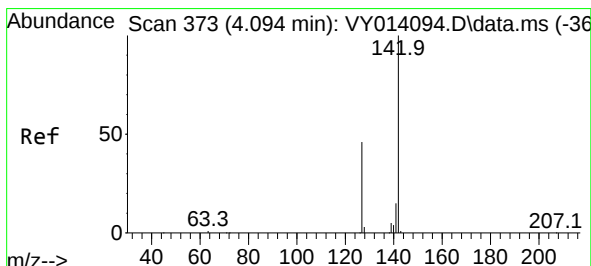
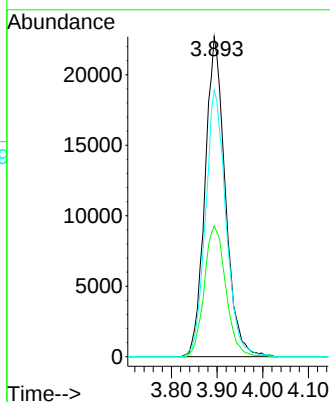
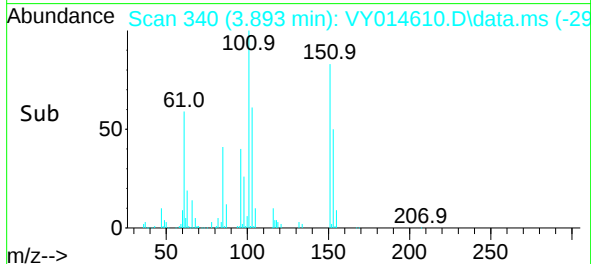
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



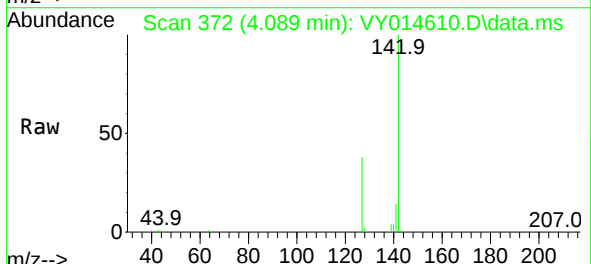
Tgt Ion:101 Resp: 69892
Ion Ratio Lower Upper
101 100
85 43.2 36.6 55.0
151 84.2 67.0 100.6

Manual Integrations
APPROVED

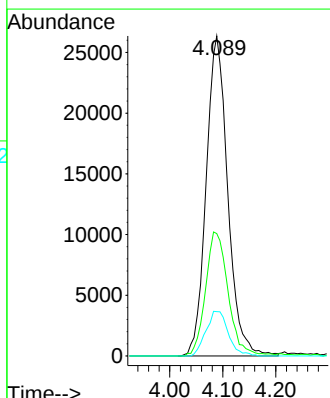
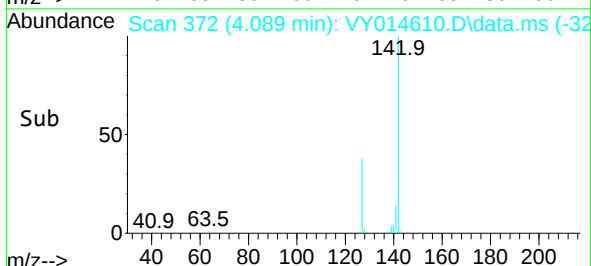
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

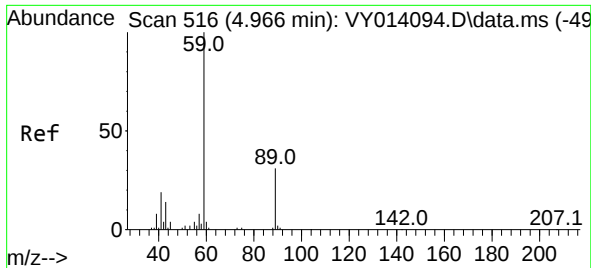


#10
Methyl Iodide
Concen: 20.285 ug/l
RT: 4.089 min Scan# 372
Delta R.T. -0.005 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09



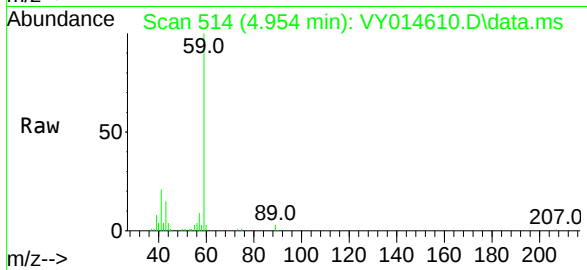
Tgt Ion:142 Resp: 74486
Ion Ratio Lower Upper
142 100
127 40.7 37.6 56.4
141 14.4 11.8 17.8





#11
Tert butyl alcohol
Concen: 62.278 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

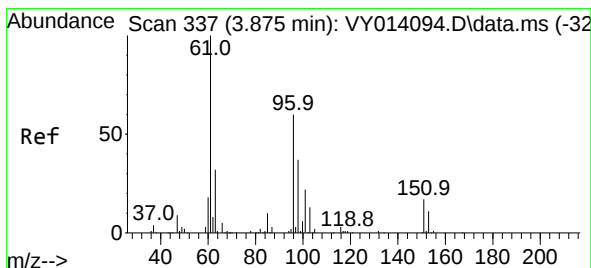
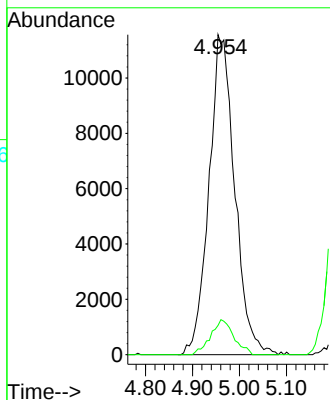
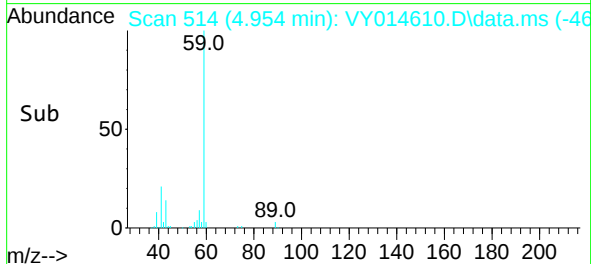
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



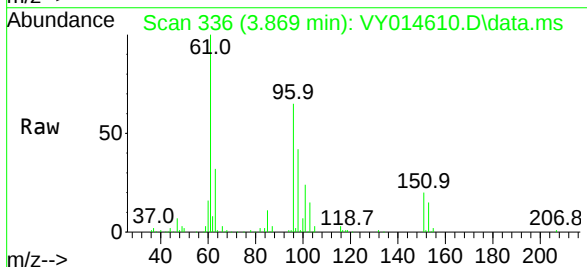
Tgt Ion: 59 Resp: 43980
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.4

Manual Integrations
APPROVED

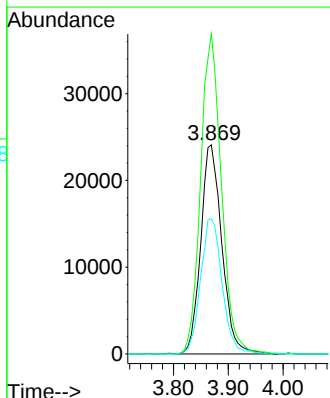
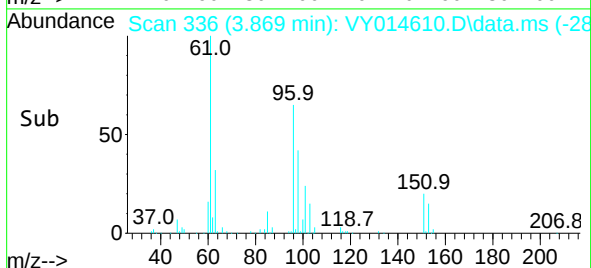
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

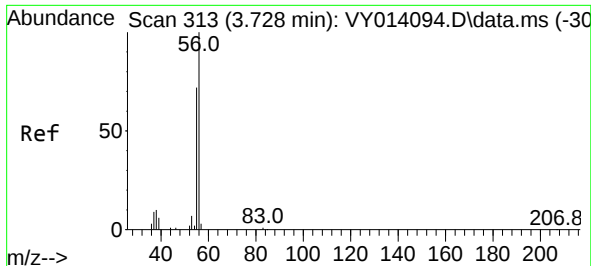


#12
1,1-Dichloroethene
Concen: 20.647 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09



Tgt Ion: 96 Resp: 64362
Ion Ratio Lower Upper
96 100
61 153.1 136.4 204.6
98 64.7 49.4 74.2





#13

Acrolein

Concen: 90.171 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.007 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tgt Ion: 56 Resp: 39679

Ion Ratio Lower Upper

56 100

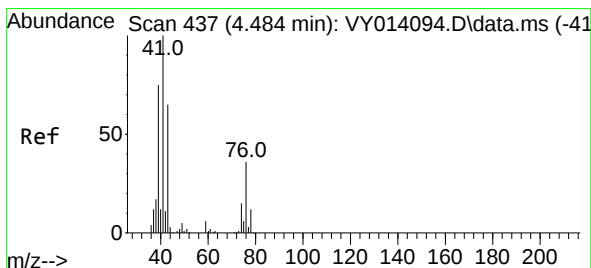
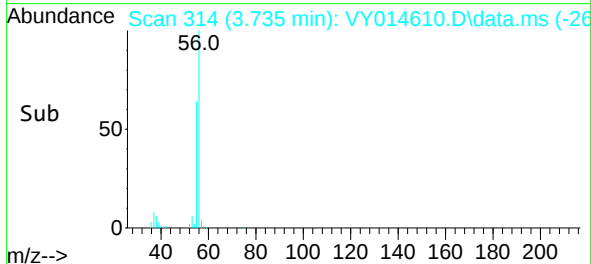
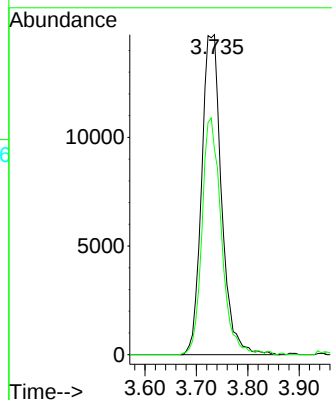
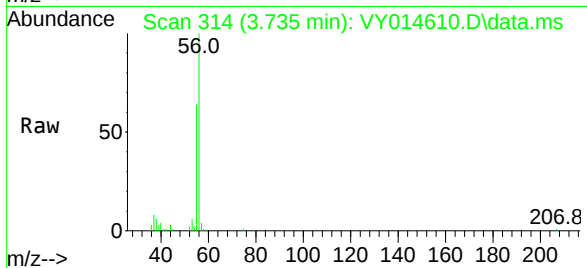
55 71.2 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#14

Allyl chloride

Concen: 19.179 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.005 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

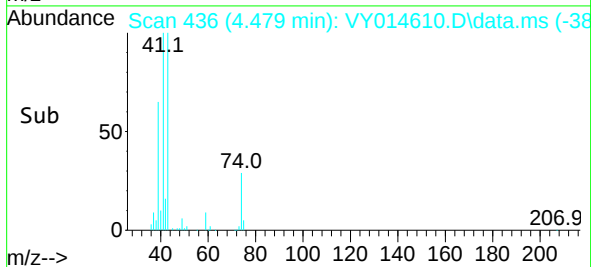
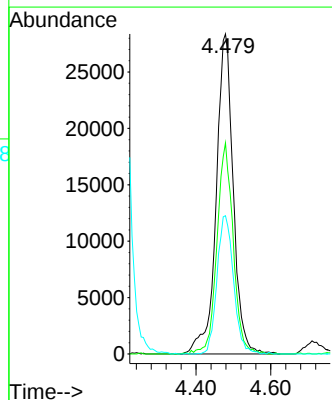
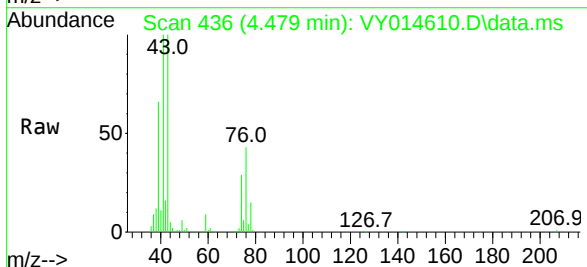
Tgt Ion: 41 Resp: 90113

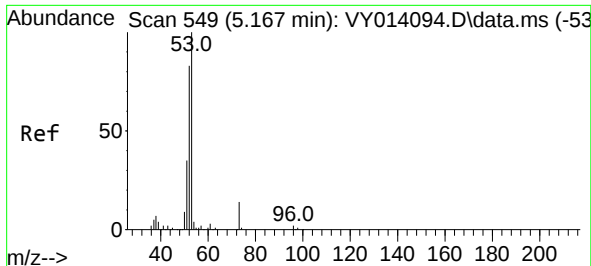
Ion Ratio Lower Upper

41 100

39 62.6 58.0 87.0

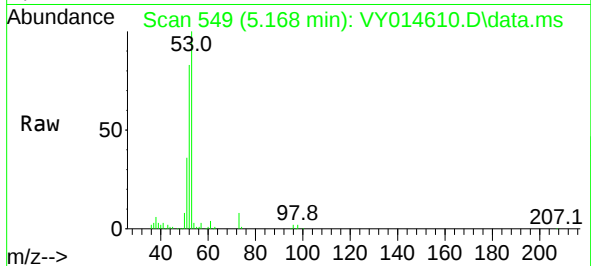
76 41.8 27.4 41.2#





#15
Acrylonitrile
Concen: 87.896 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.001 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

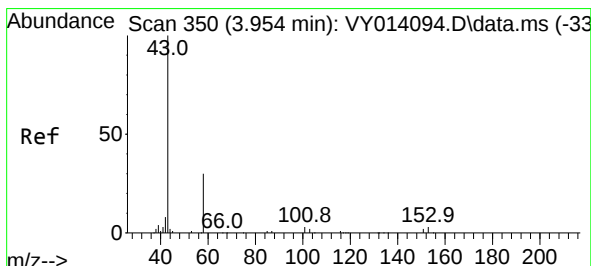
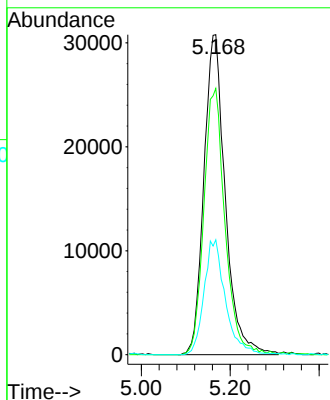
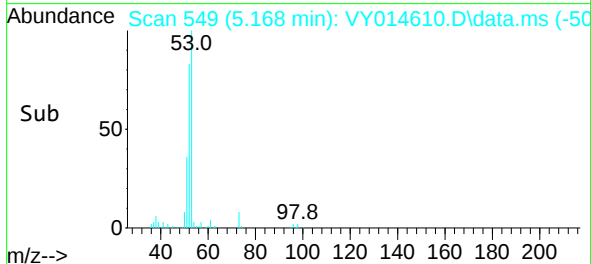
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion: 53 Resp: 10294
Ion Ratio Lower Upper
53 100
52 82.1 66.9 100.3
51 36.1 29.8 44.6

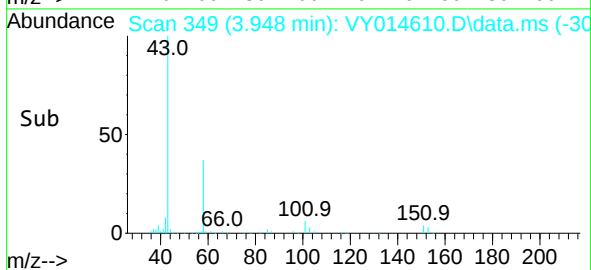
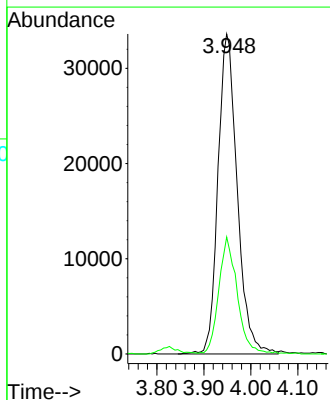
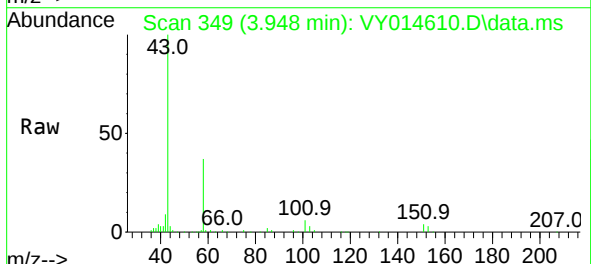
Manual Integrations
APPROVED

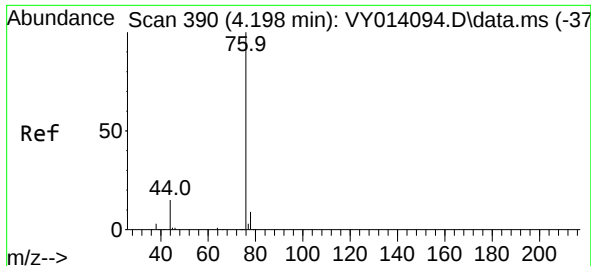
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#16
Acetone
Concen: 92.644 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

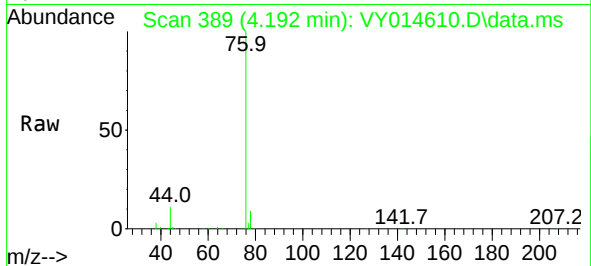
Tgt Ion: 43 Resp: 95653
Ion Ratio Lower Upper
43 100
58 36.3 22.7 34.1#





#17
Carbon Disulfide
Concen: 20.890 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

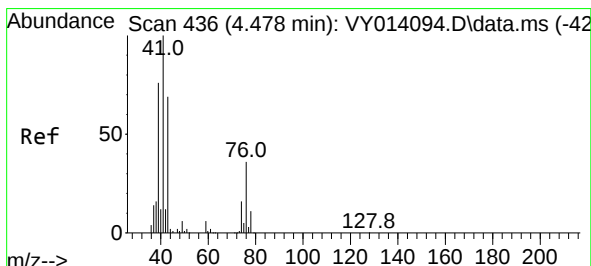
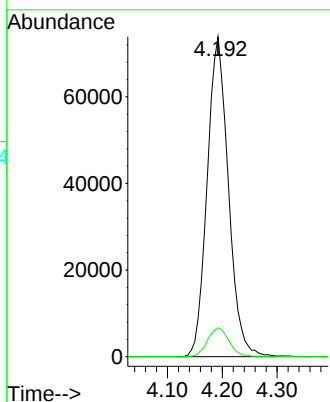
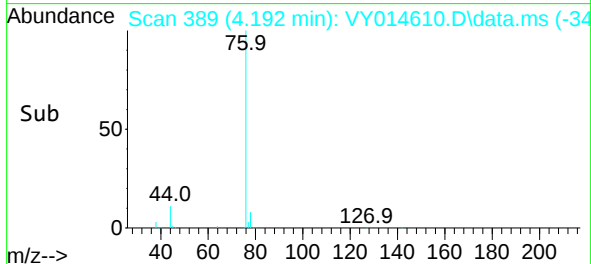
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



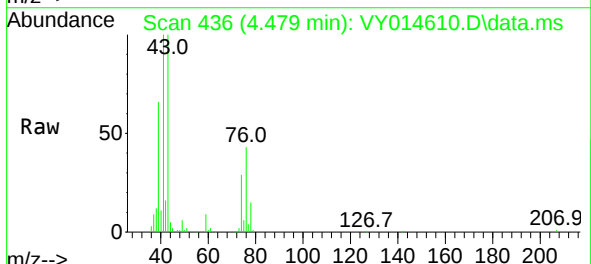
Tgt Ion: 76 Resp: 198449
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

Manual Integrations
APPROVED

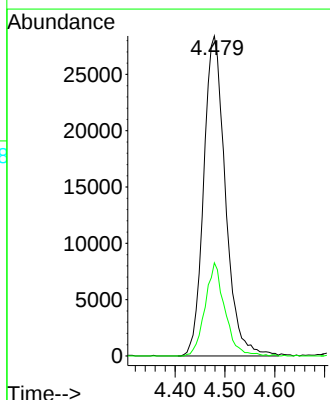
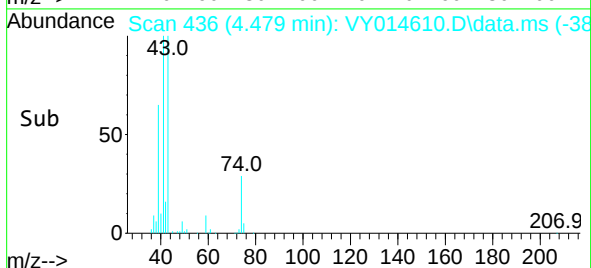
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#18
Methyl Acetate
Concen: 18.262 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09



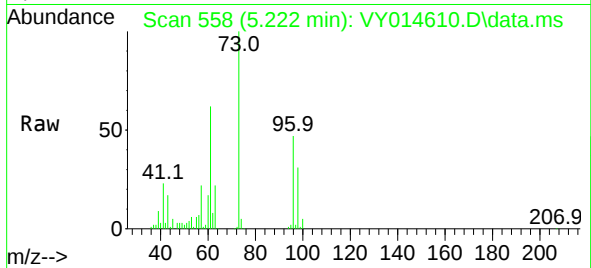
Tgt Ion: 43 Resp: 85833
Ion Ratio Lower Upper
43 100
74 26.6 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 18.140 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

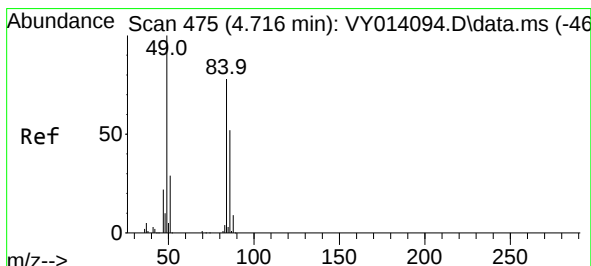
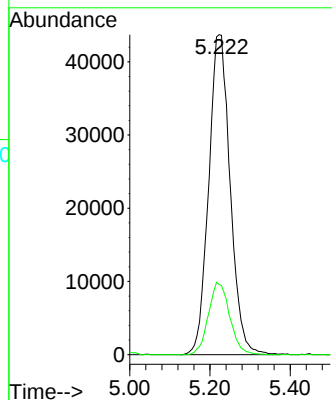
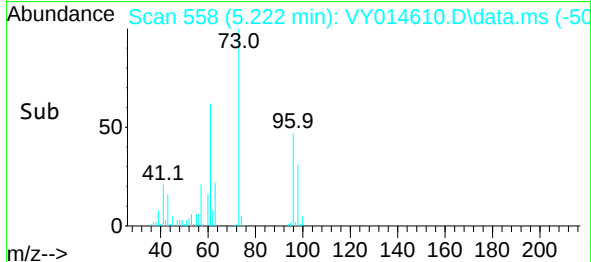
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion: 73 Resp: 162514
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

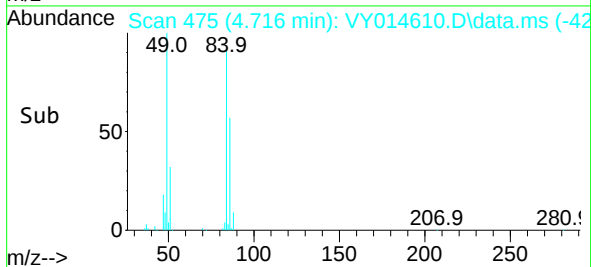
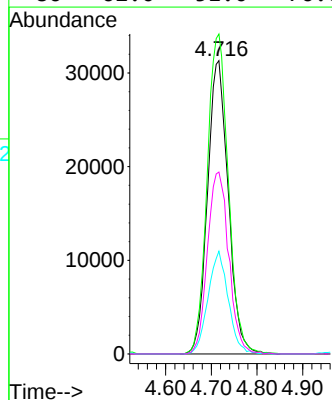
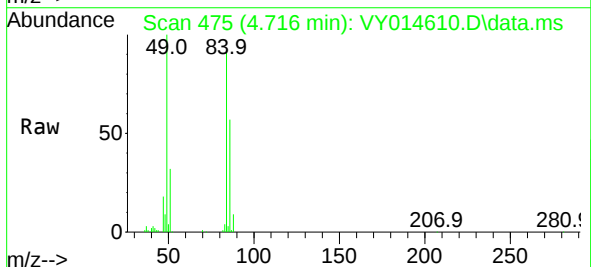
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#20
Methylene Chloride
Concen: 23.762 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

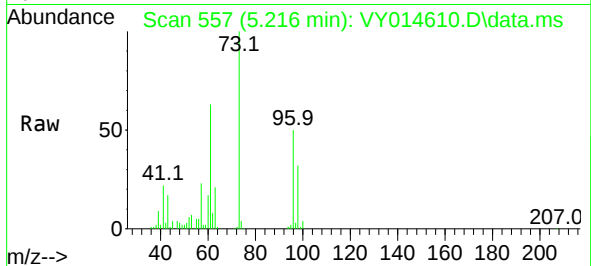
Tgt Ion: 84 Resp: 98710
Ion Ratio Lower Upper
84 100
49 109.1 106.9 160.3
51 35.0 33.2 49.8
86 62.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.896 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

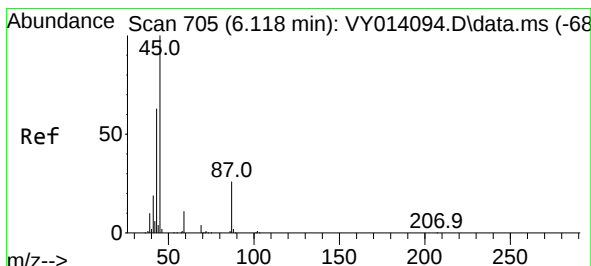
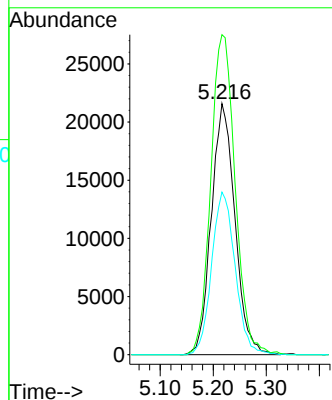
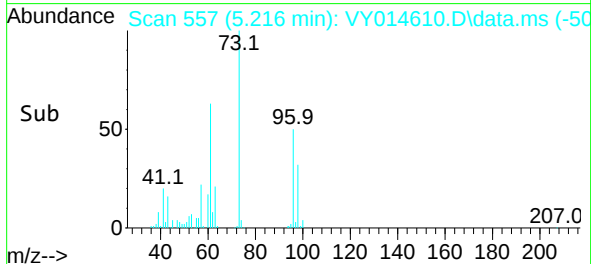
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion: 96 Resp: 6667
Ion Ratio Lower Upper
96 100
61 127.5 110.2 165.4
98 64.7 51.8 77.6

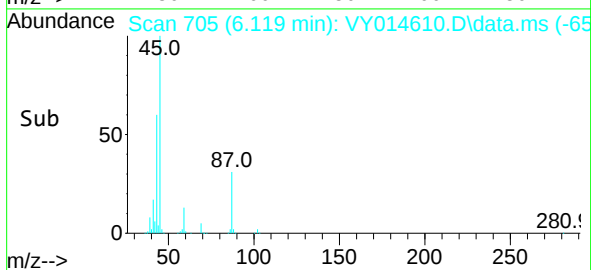
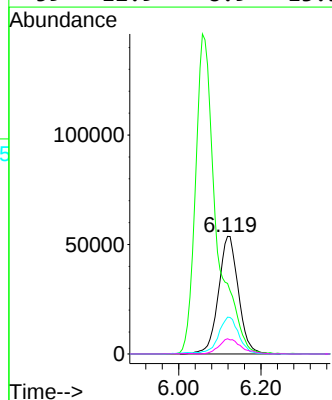
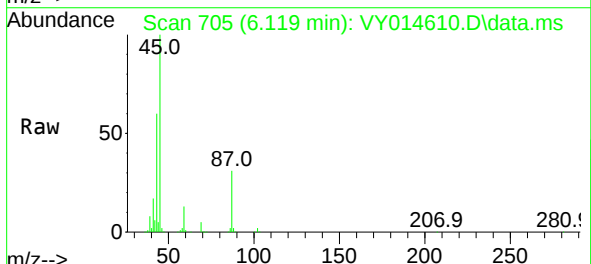
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#22
Diisopropyl ether
Concen: 18.645 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

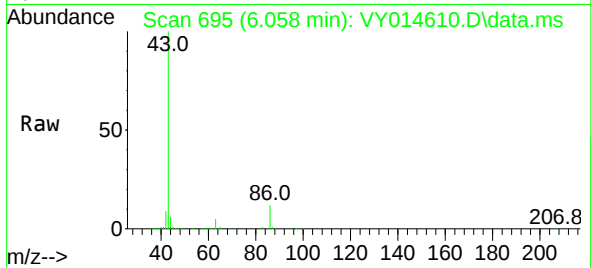
Tgt Ion: 45 Resp: 180513
Ion Ratio Lower Upper
45 100
43 59.6 52.2 78.4
87 31.4 21.0 31.6
59 12.9 8.9 13.3





#23
 Vinyl Acetate
 Concen: 91.363 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.005 min
 Lab File: VY014610.D
 Acq: 10 Jul 2023 12:09

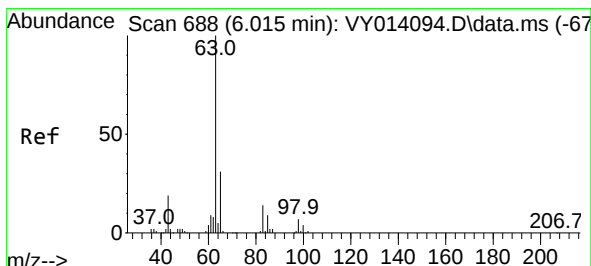
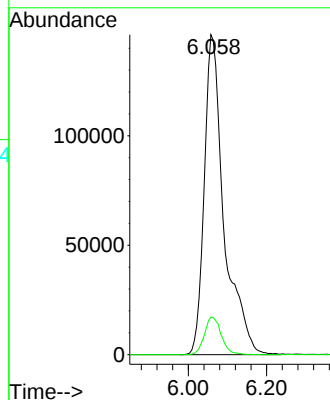
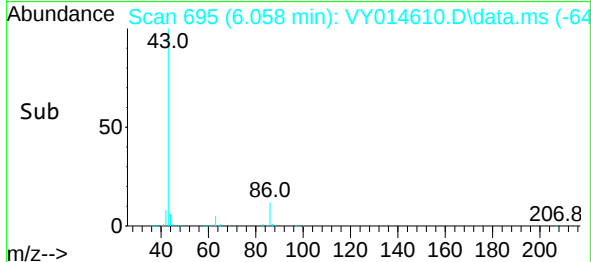
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01



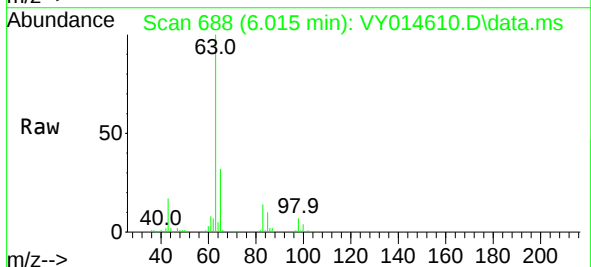
Tgt Ion: 43 Resp: 511750
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3

Manual Integrations
 APPROVED

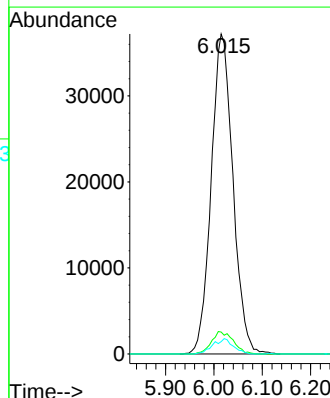
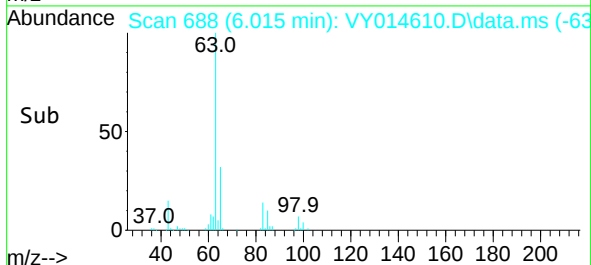
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#24
 1,1-Dichloroethane
 Concen: 19.094 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY014610.D
 Acq: 10 Jul 2023 12:09



Tgt Ion: 63 Resp: 116051
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 3.9 1.8 5.5





#25

2-Butanone

Concen: 86.609 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tgt Ion: 43 Resp: 13240

Ion Ratio Lower Upper

43 100

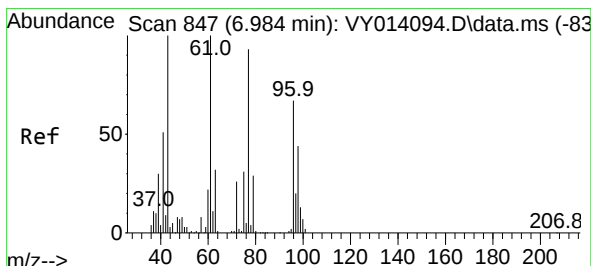
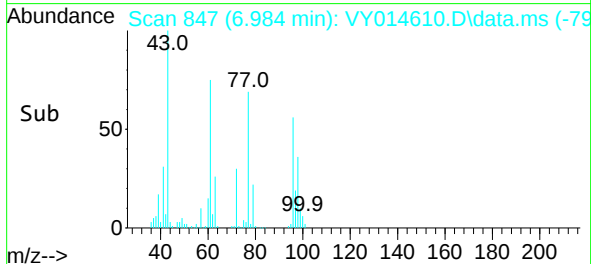
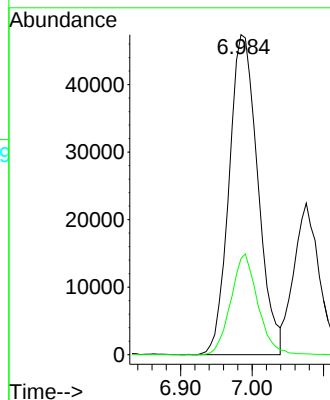
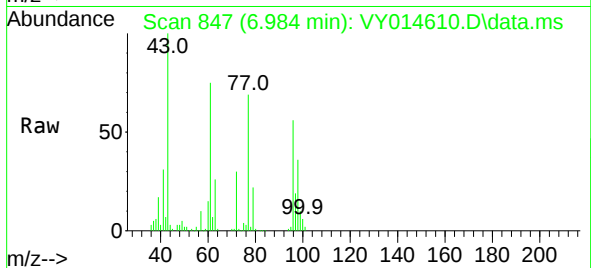
72 30.0 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#26

2,2-Dichloropropane

Concen: 19.141 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY014610.D

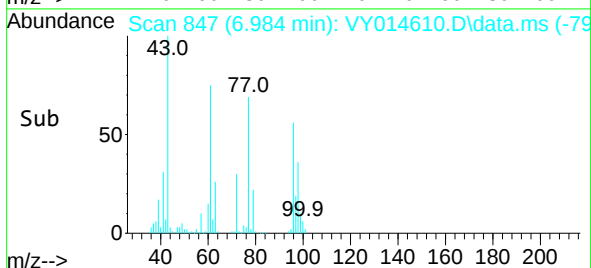
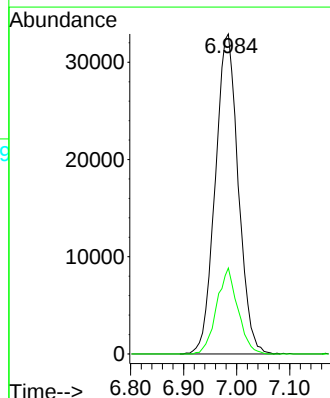
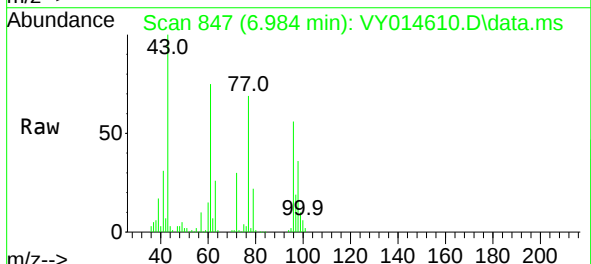
Acq: 10 Jul 2023 12:09

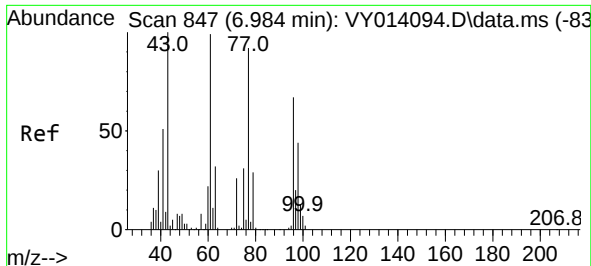
Tgt Ion: 77 Resp: 99160

Ion Ratio Lower Upper

77 100

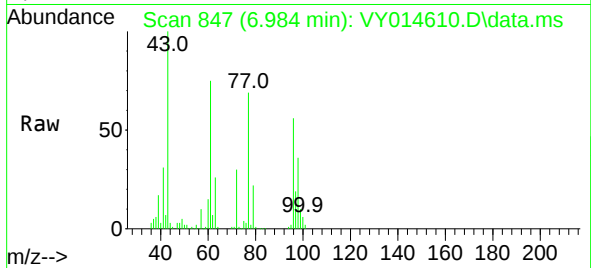
97 24.7 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 18.799 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY014610.D
 Acq: 10 Jul 2023 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

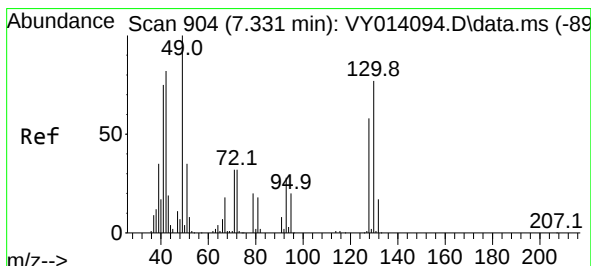
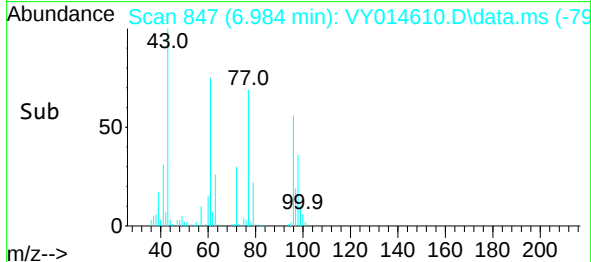
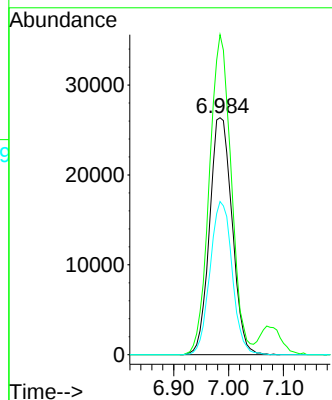


Tgt Ion: 96 Resp: 7524

Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	301.4
98	63.5	0.0	130.4

Manual Integrations
 APPROVED

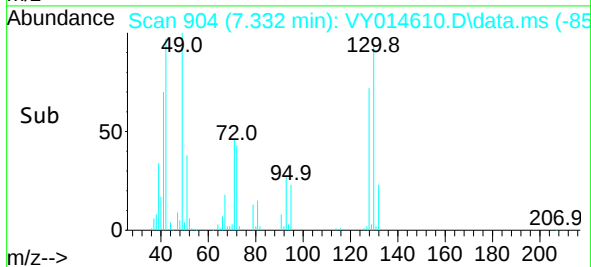
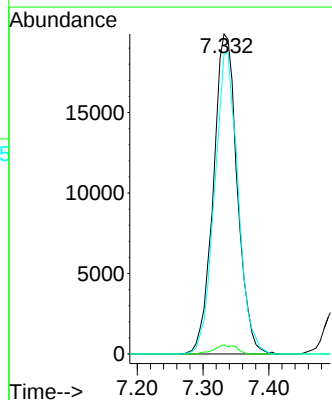
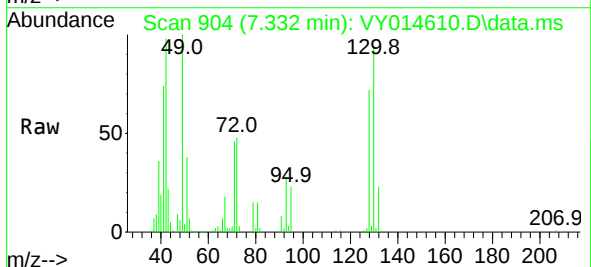
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

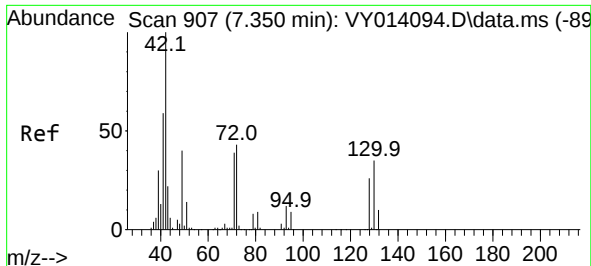


#28
 Bromochloromethane
 Concen: 19.706 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY014610.D
 Acq: 10 Jul 2023 12:09

Tgt Ion: 49 Resp: 50292

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	92.7	60.7	91.1





#29

Tetrahydrofuran

Concen: 88.044 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

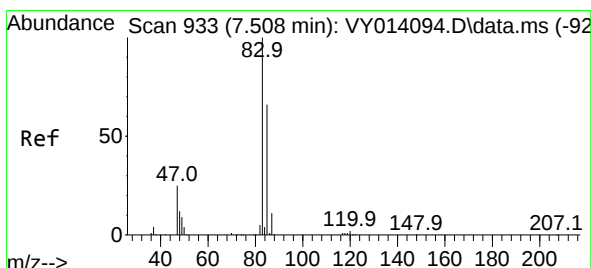
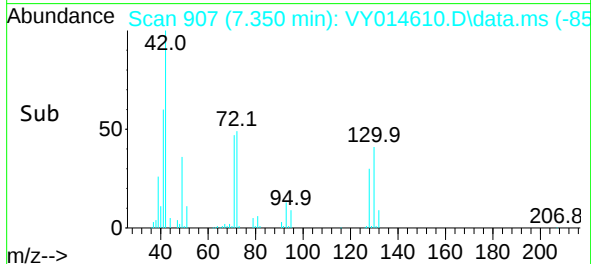
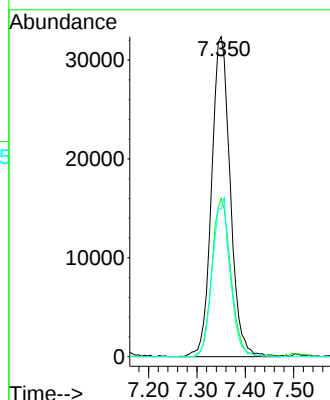
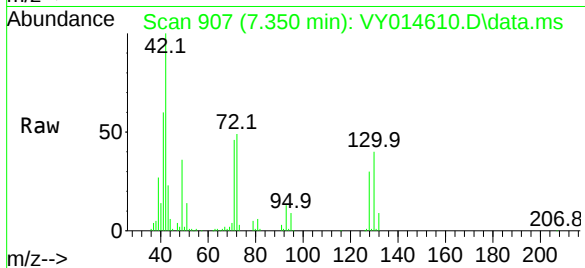
Tgt Ion:	42	Resp:	86819
Ion Ratio	Lower	Upper	
42	100		
72	49.9	32.8	49.2
71	47.2	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#30

Chloroform

Concen: 19.202 ug/l

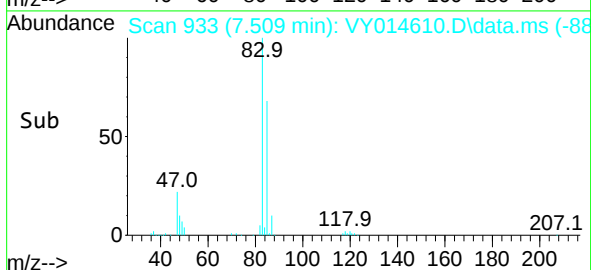
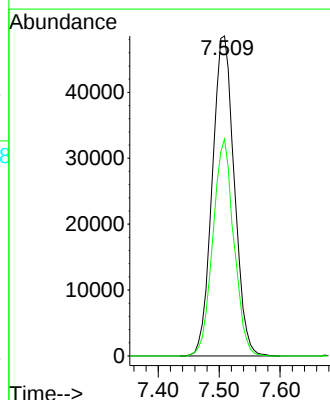
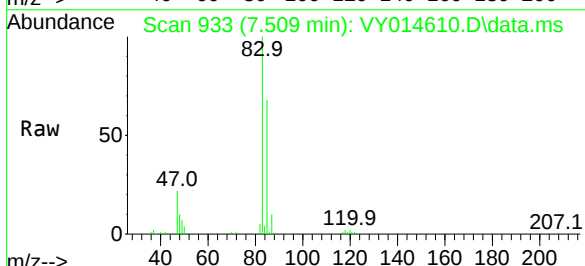
RT: 7.509 min Scan# 933

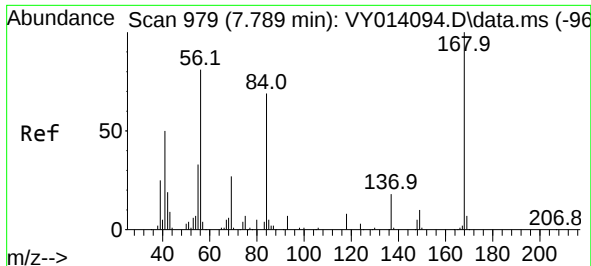
Delta R.T. 0.001 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

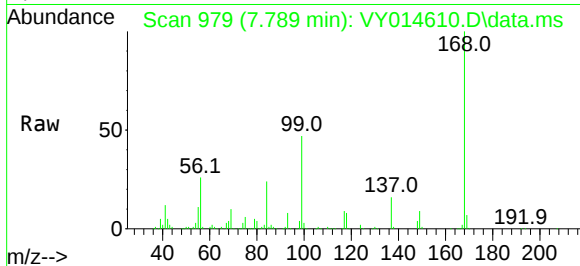
Tgt Ion:	83	Resp:	121739
Ion Ratio	Lower	Upper	
83	100		
85	67.8	49.7	74.5





#31
Cyclohexane
Concen: 19.243 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

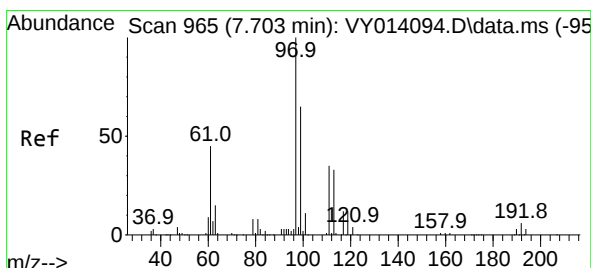
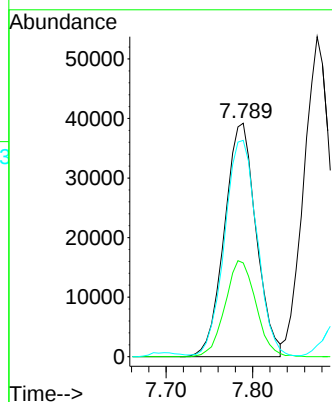
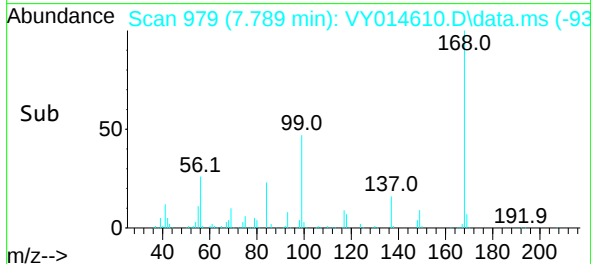
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



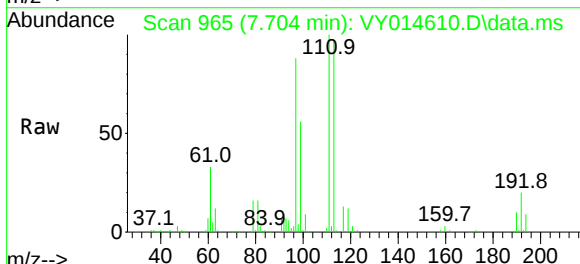
Tgt Ion: 56 Resp: 99814
Ion Ratio Lower Upper
56 100
69 40.1 27.8 41.6
84 91.6 66.4 99.6

Manual Integrations
APPROVED

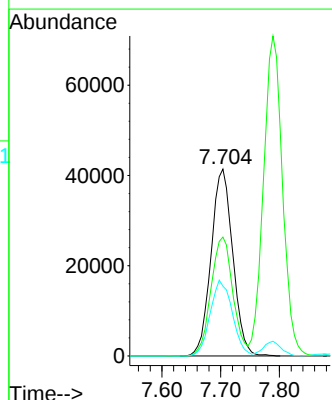
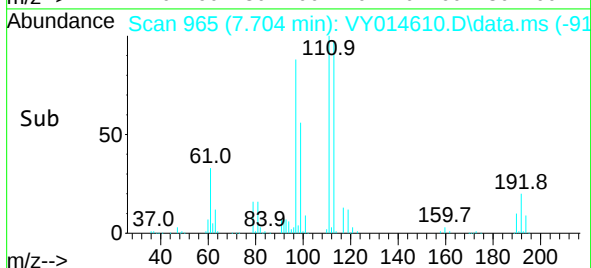
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

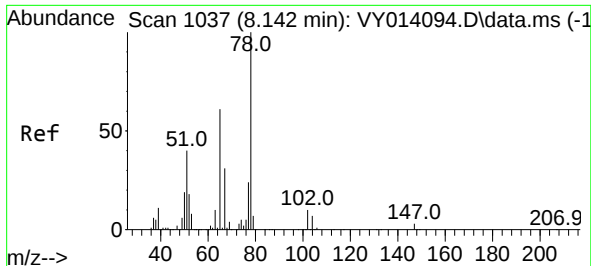


#32
1,1,1-Trichloroethane
Concen: 19.601 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09



Tgt Ion: 97 Resp: 106221
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 41.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.676 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tgt Ion: 65 Resp: 164238

Ion Ratio Lower Upper

65 100

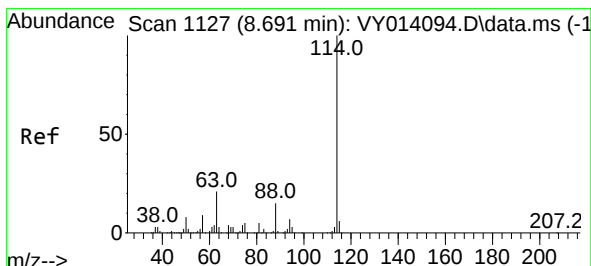
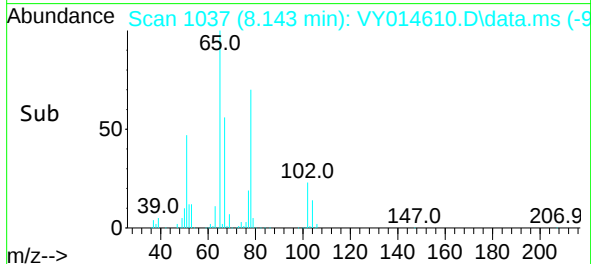
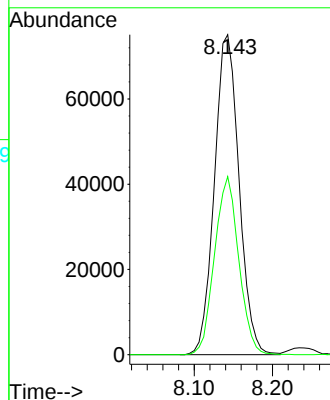
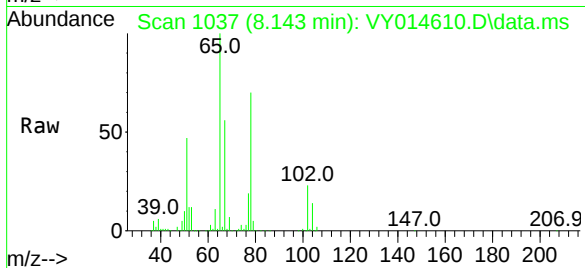
67 54.6 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

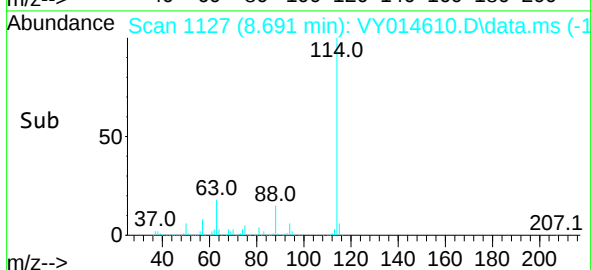
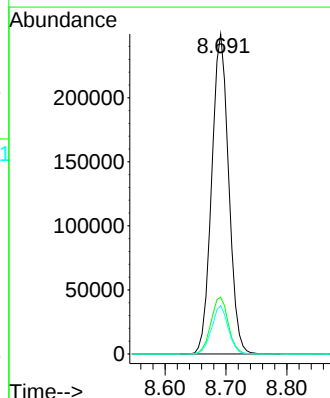
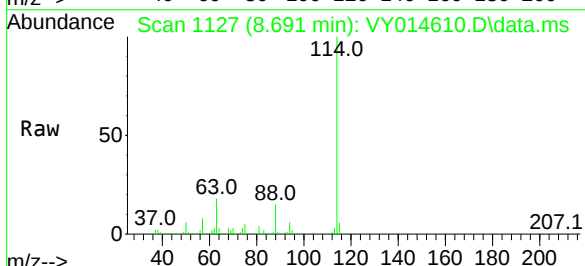
Tgt Ion:114 Resp: 482838

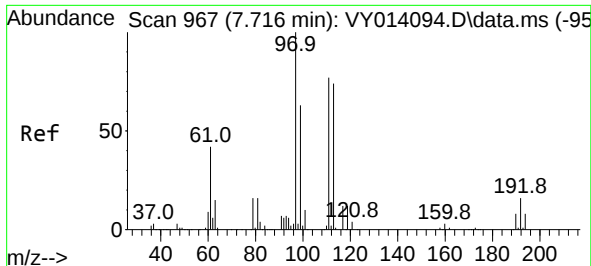
Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.4

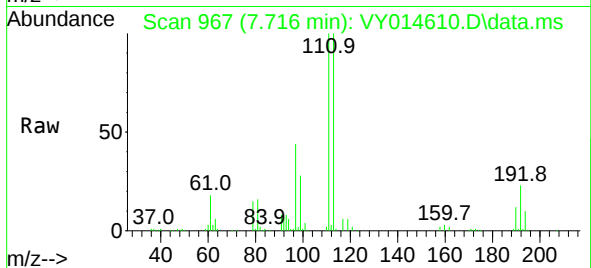
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.793 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

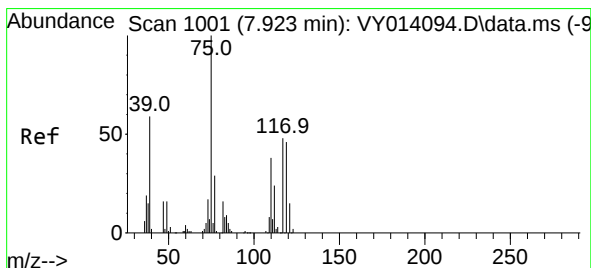
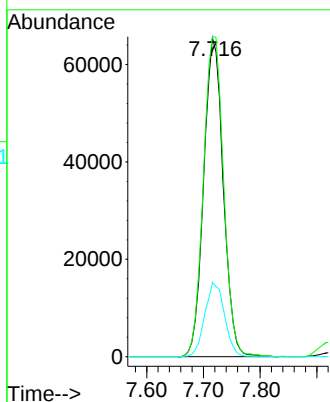
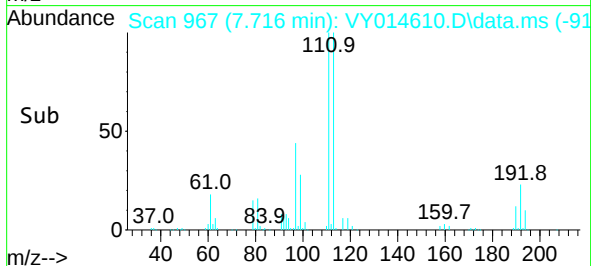
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion: 113 Resp: 15697
Ion Ratio Lower Upper
113 100
111 104.1 81.3 121.9
192 23.5 16.9 25.3

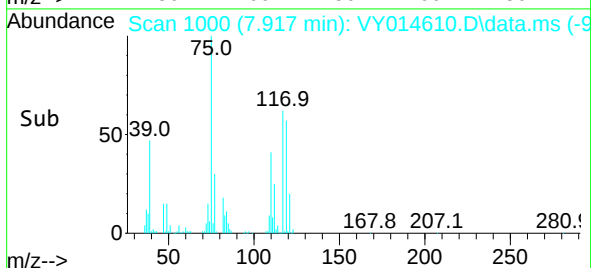
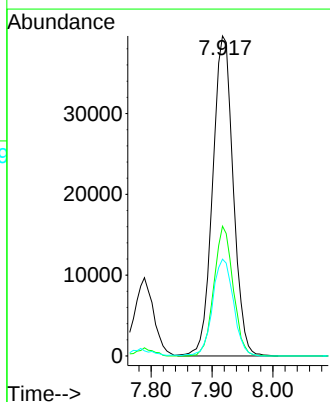
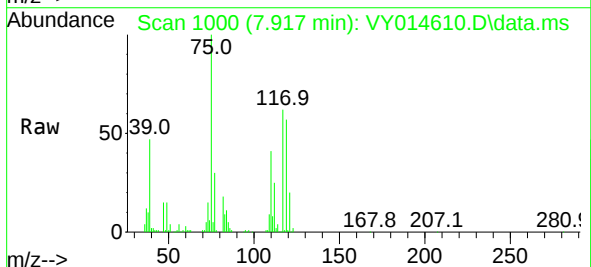
Manual Integrations
APPROVED

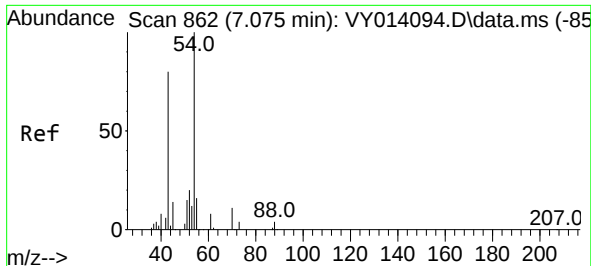
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#36
1,1-Dichloropropene
Concen: 20.346 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

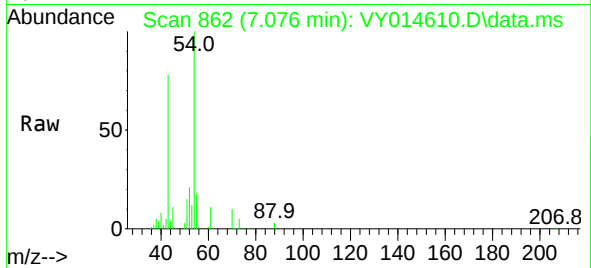
Tgt Ion: 75 Resp: 92645
Ion Ratio Lower Upper
75 100
110 37.9 17.8 53.5
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 18.245 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.001 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

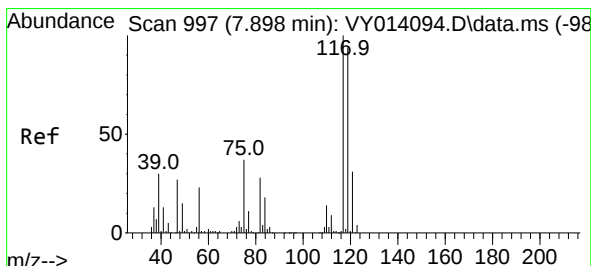
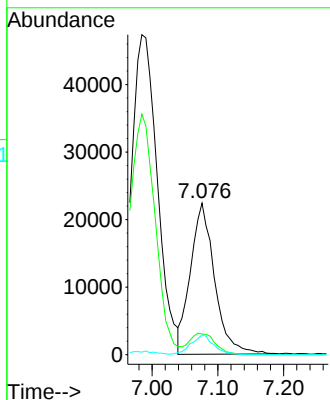
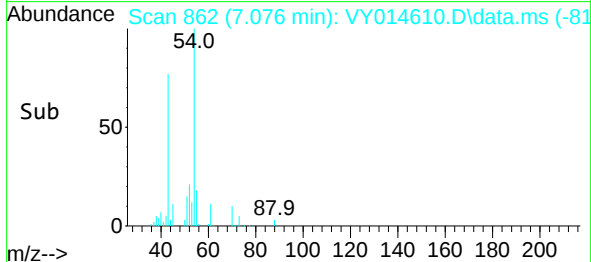
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion: 43 Resp: 56974
Ion Ratio Lower Upper
43 100
61 15.1 10.1 15.1
70 12.1 7.1 10.7

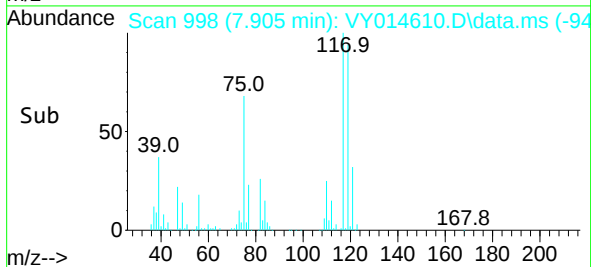
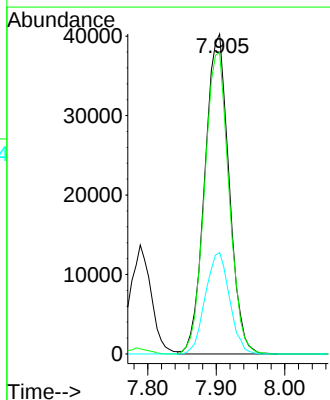
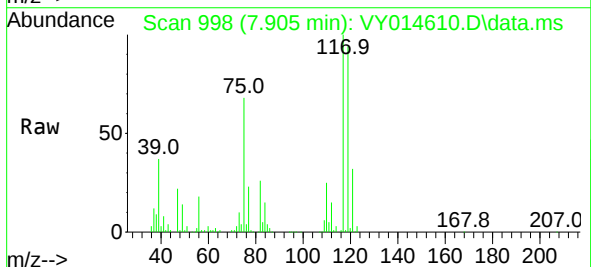
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#38
Carbon Tetrachloride
Concen: 20.820 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.007 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

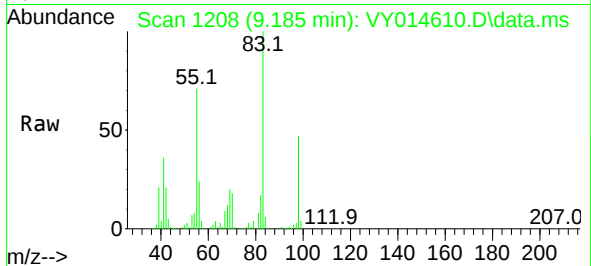
Tgt Ion:117 Resp: 98965
Ion Ratio Lower Upper
117 100
119 94.2 76.4 114.6
121 31.7 25.8 38.6





#39
Methylcyclohexane
Concen: 19.955 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

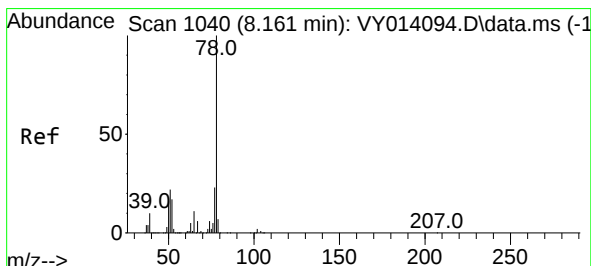
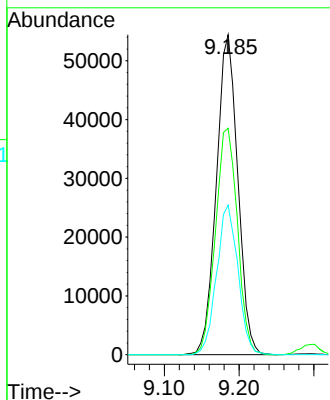
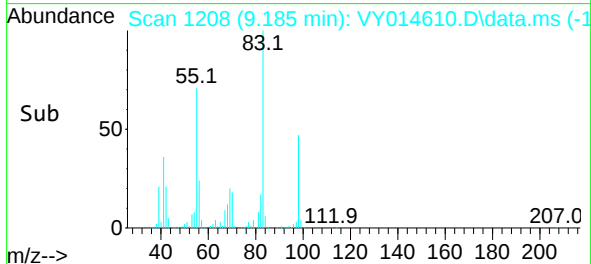
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion: 83 Resp: 10860
Ion Ratio Lower Upper
83 100
55 70.8 63.0 94.4
98 46.7 37.4 56.2

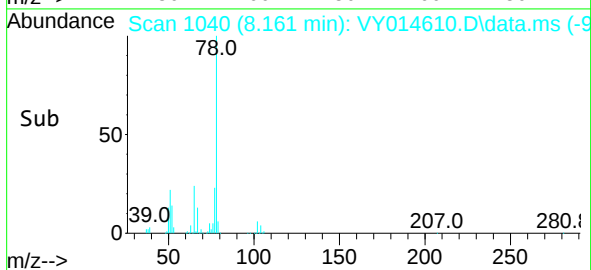
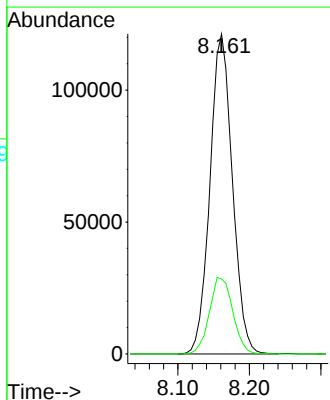
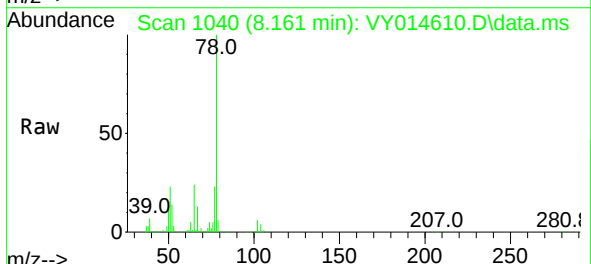
Manual Integrations
APPROVED

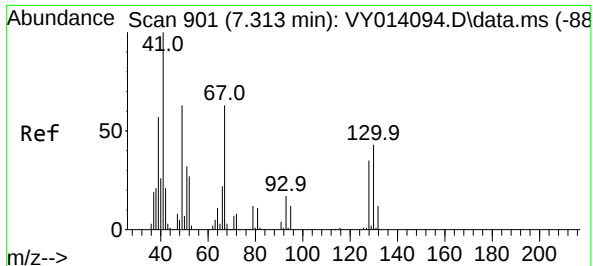
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#40
Benzene
Concen: 19.181 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

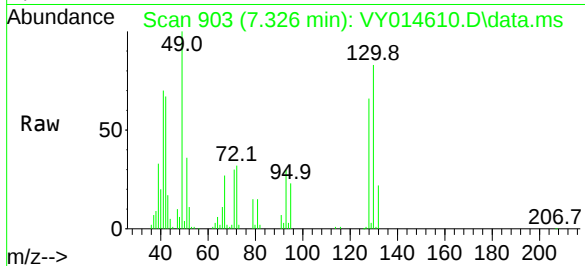
Tgt Ion: 78 Resp: 264383
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 20.468 ug/l m
RT: 7.326 min Scan# 901
Delta R.T. 0.013 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

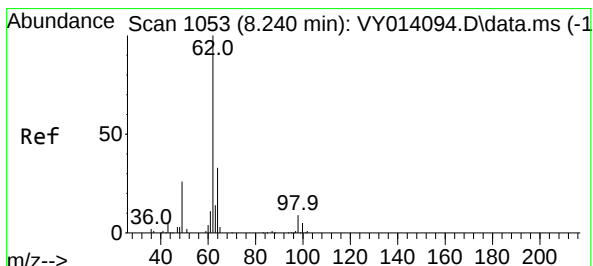
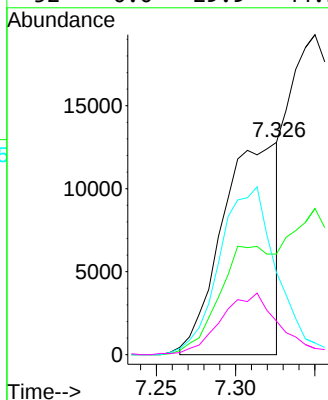
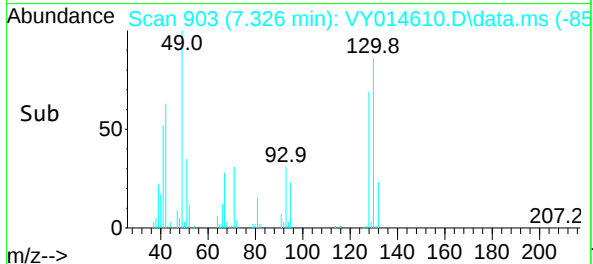
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion: 41 Resp: 31225
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

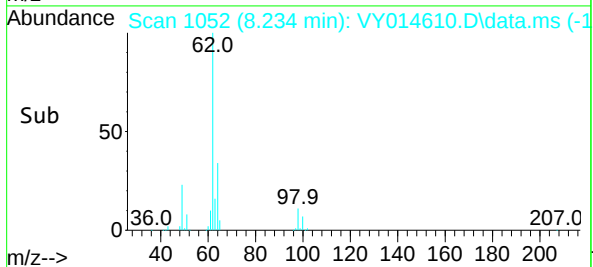
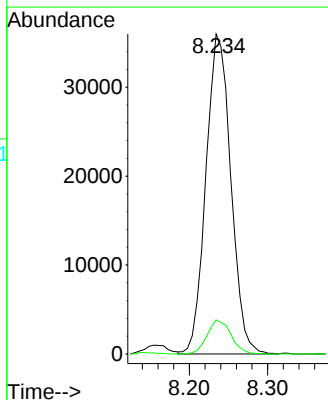
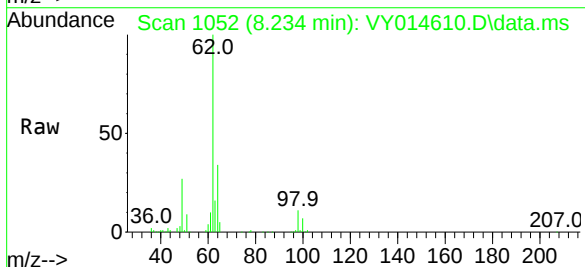
Manual Integrations
APPROVED

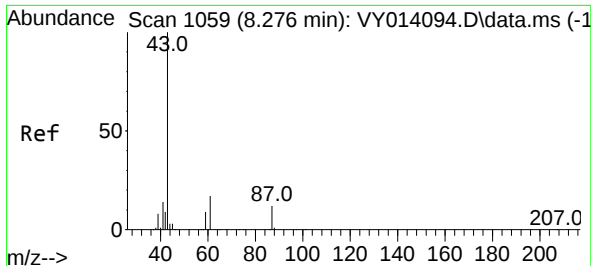
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#42
1,2-Dichloroethane
Concen: 19.654 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

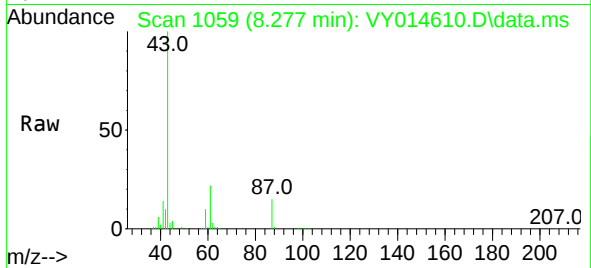
Tgt Ion: 62 Resp: 79623
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8





#43
Isopropyl Acetate
Concen: 18.577 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

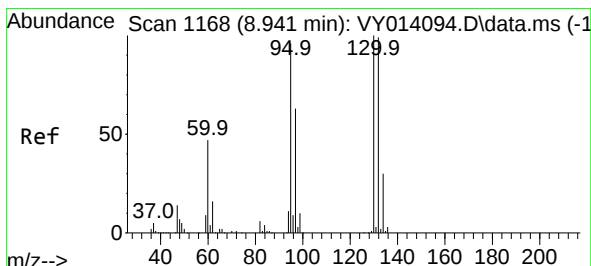
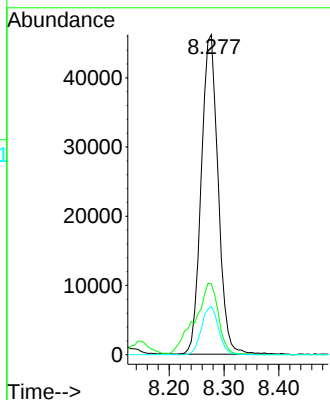
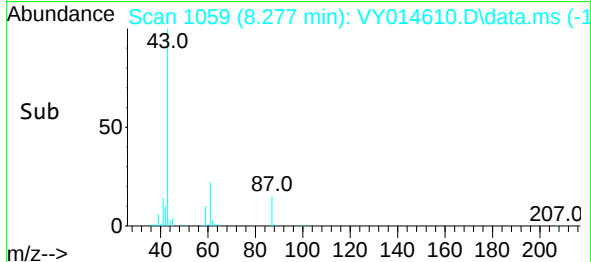
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion: 43 Resp: 98300
Ion Ratio Lower Upper
43 100
61 31.7 21.1 31.7
87 15.3 9.8 14.8

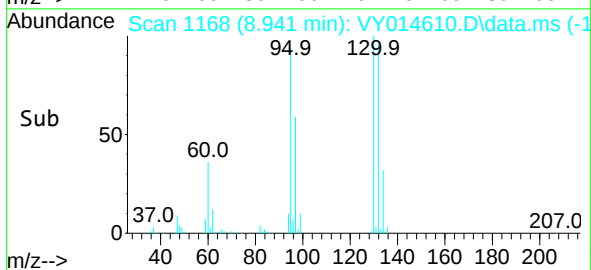
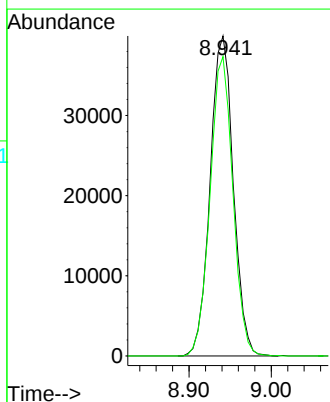
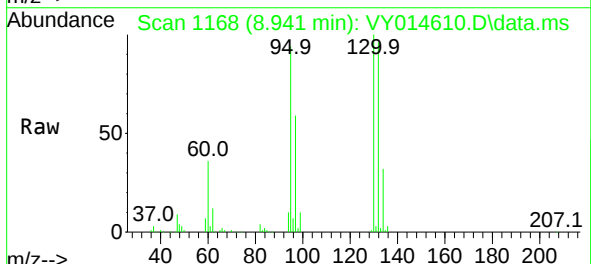
Manual Integrations
APPROVED

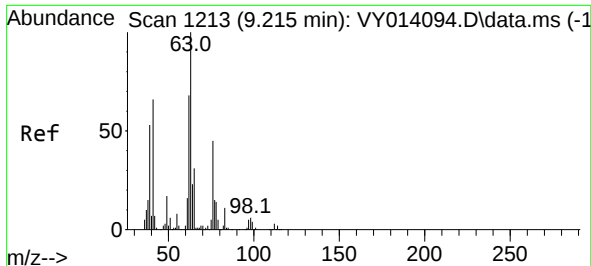
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#44
Trichloroethene
Concen: 20.358 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

Tgt Ion:130 Resp: 78228
Ion Ratio Lower Upper
130 100
95 93.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.431 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tgt Ion: 63 Resp: 68700

Ion Ratio Lower Upper

63 100

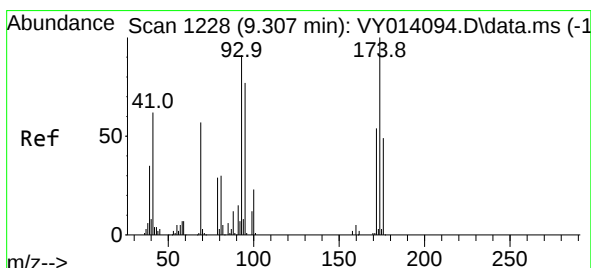
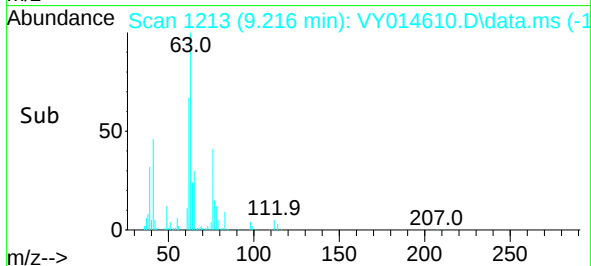
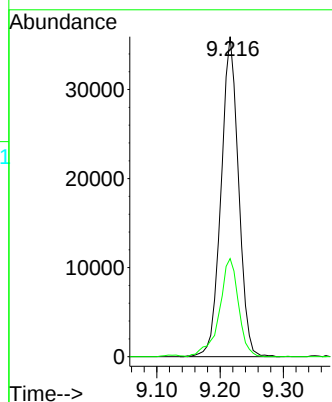
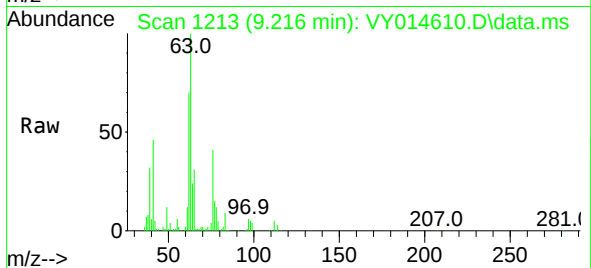
65 30.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#46

Dibromomethane

Concen: 19.691 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

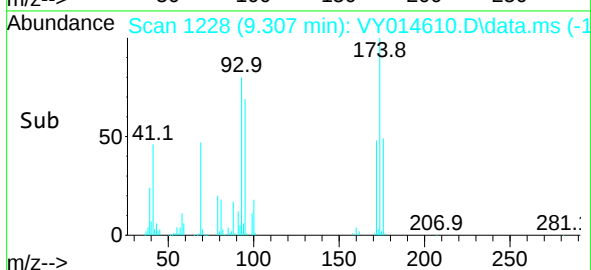
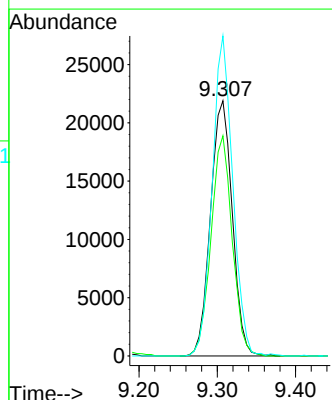
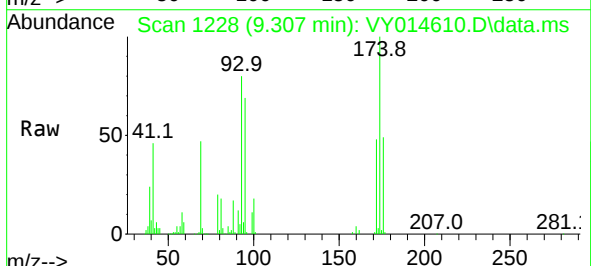
Tgt Ion: 93 Resp: 42387

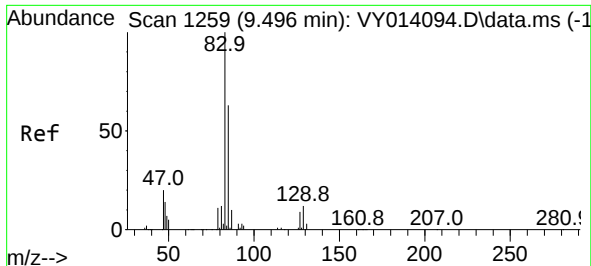
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

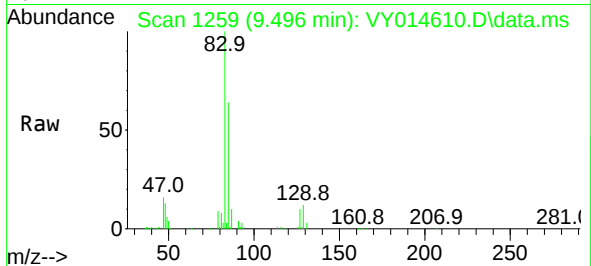
174 118.2 84.8 127.2





#47
Bromodichloromethane
Concen: 19.688 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

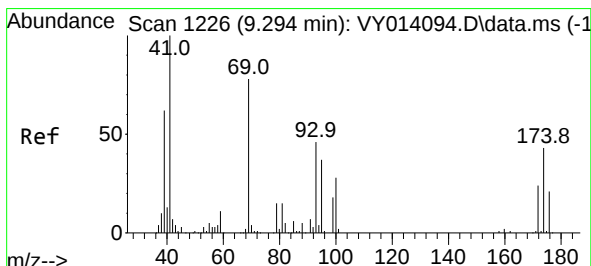
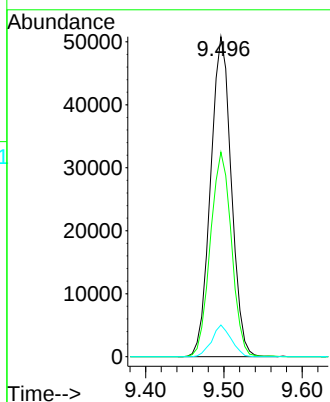
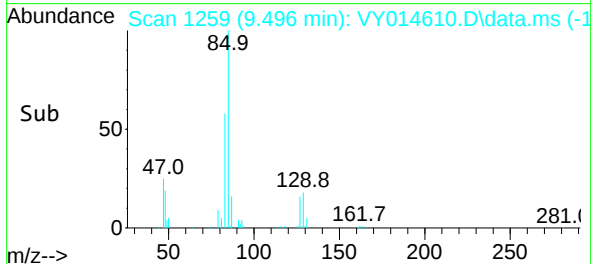
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



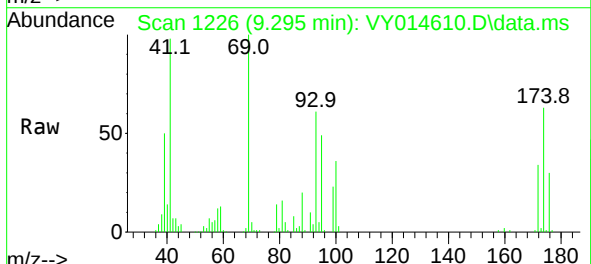
Tgt Ion: 83 Resp: 93379
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 9.9 7.1 10.7

Manual Integrations
APPROVED

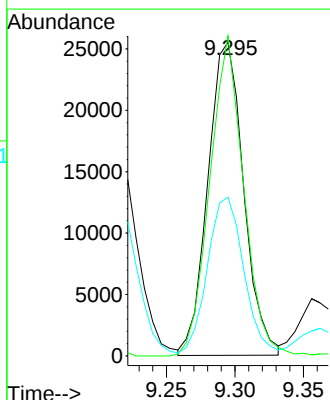
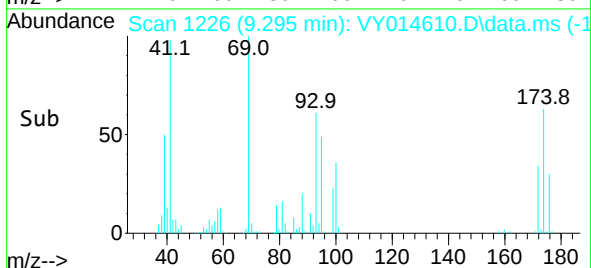
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

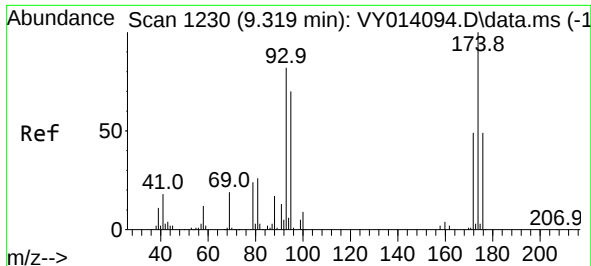


#48
Methyl methacrylate
Concen: 19.224 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09



Tgt Ion: 41 Resp: 46262
Ion Ratio Lower Upper
41 100
69 96.9 64.5 96.7#
39 50.1 50.8 76.2#





#49

1,4-Dioxane

Concen: 344.652 ug/l

RT: 9.301 min Scan# 1230

Delta R.T. -0.018 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

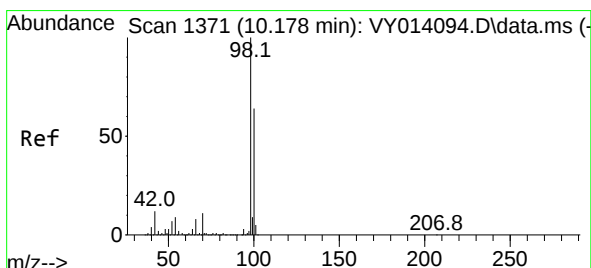
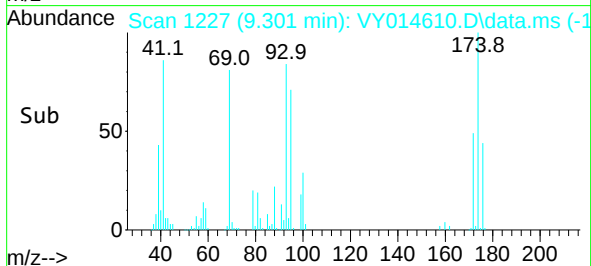
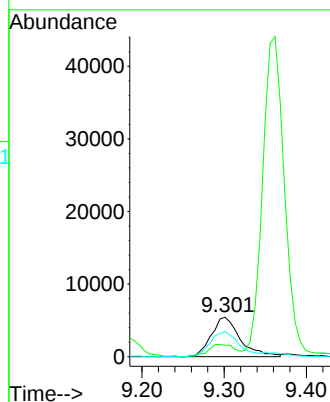
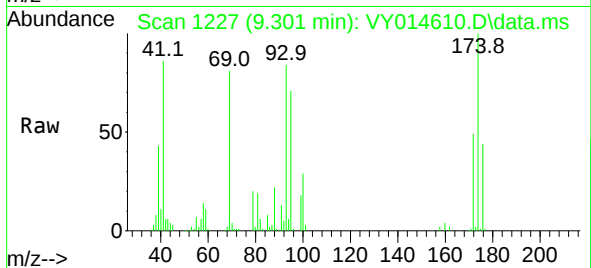
Tgt Ion: 88 Resp: 13248
 Ion Ratio Lower Upper
 88 100
 43 28.7 0.0 0.0
 58 63.1 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#50

Toluene-d8

Concen: 51.927 ug/l

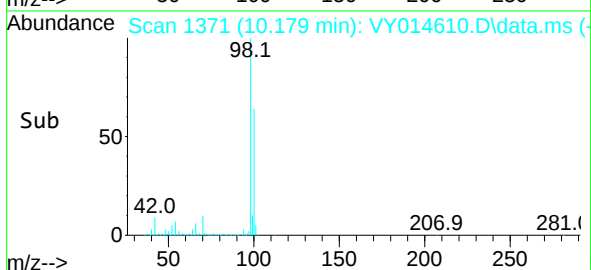
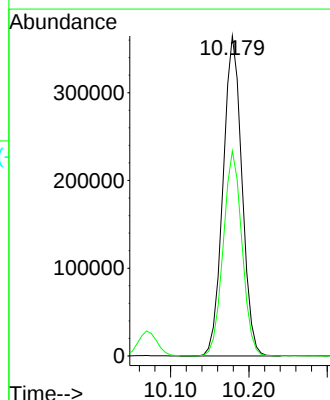
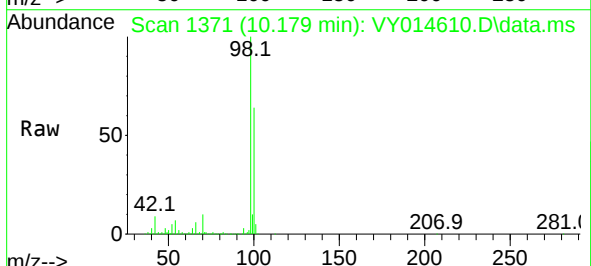
RT: 10.179 min Scan# 1371

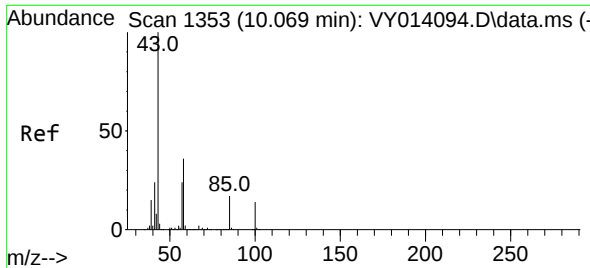
Delta R.T. 0.001 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

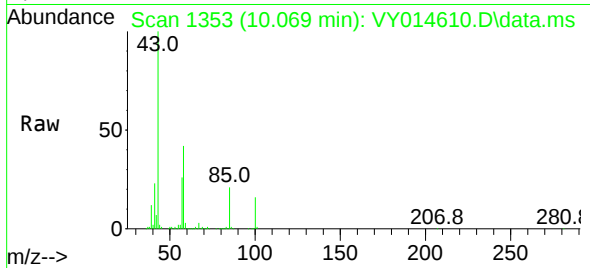
Tgt Ion: 98 Resp: 610345
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 93.247 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

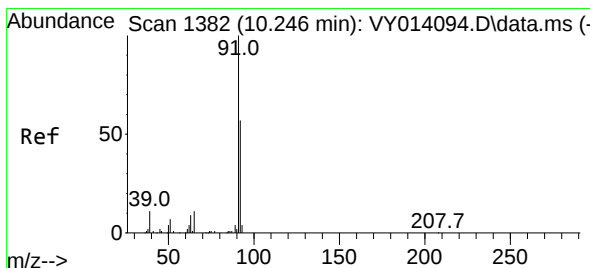
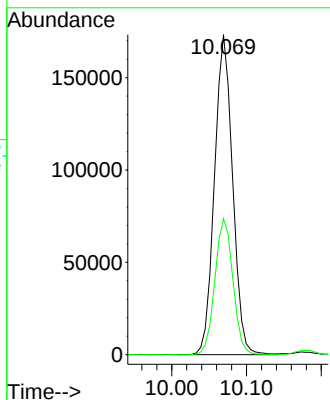
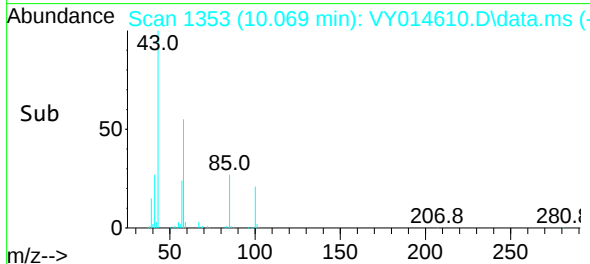
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



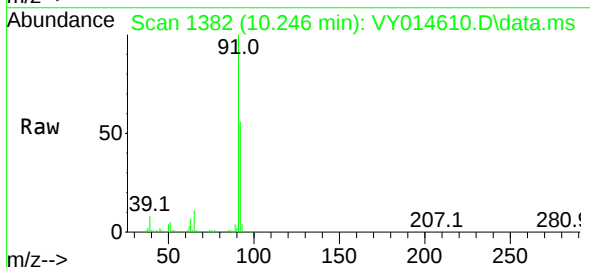
Tgt Ion: 43 Resp: 292140
Ion Ratio Lower Upper
43 100
58 42.2 29.0 43.6

Manual Integrations
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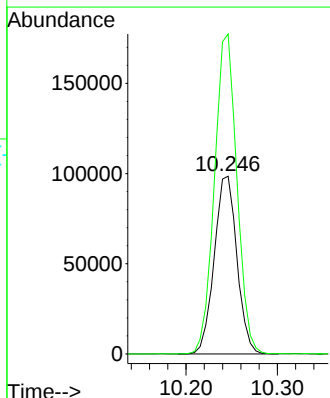
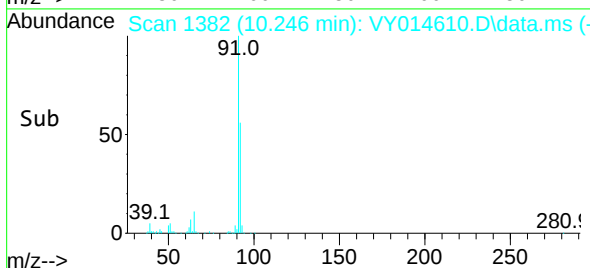
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

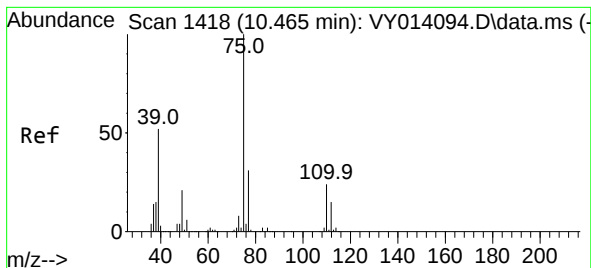


#52
Toluene
Concen: 19.591 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09



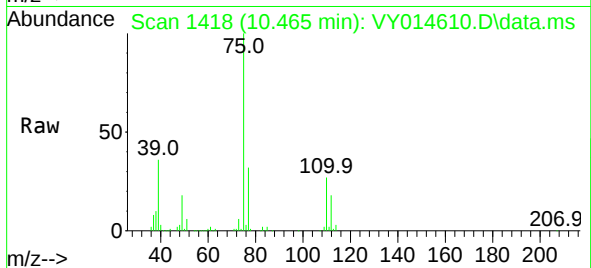
Tgt Ion: 92 Resp: 169924
Ion Ratio Lower Upper
92 100
91 178.4 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 20.363 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

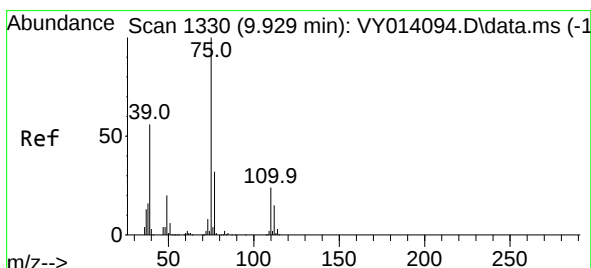
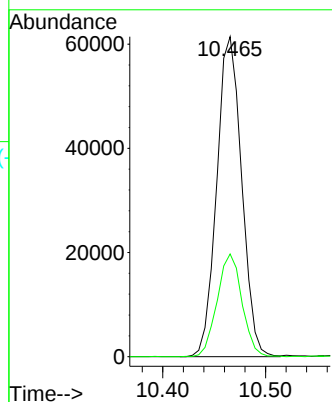
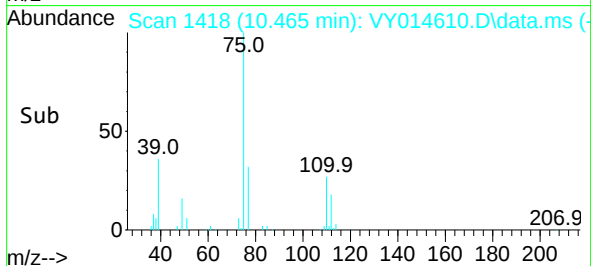
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion: 75 Resp: 103278
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4

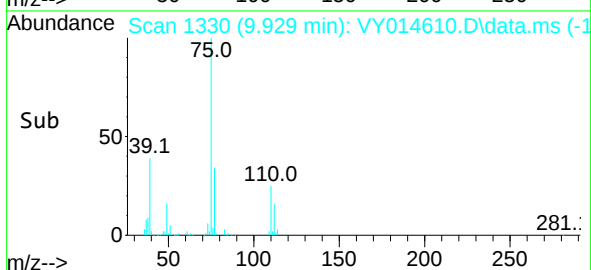
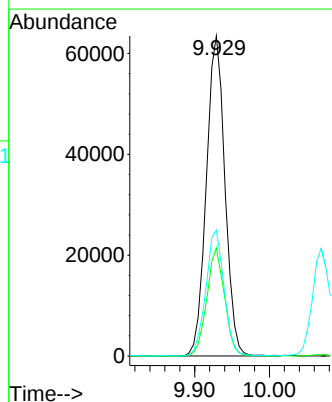
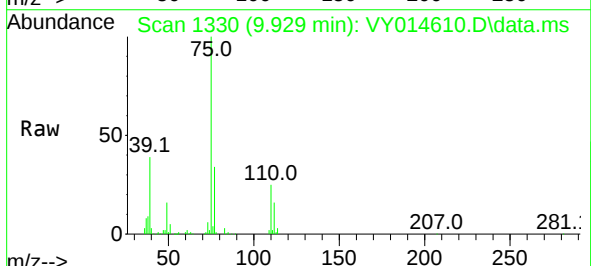
Manual Integrations
APPROVED

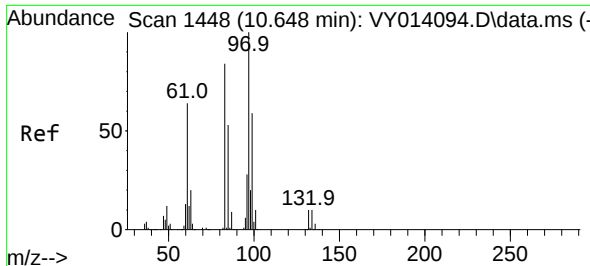
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#54
cis-1,3-Dichloropropene
Concen: 19.382 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

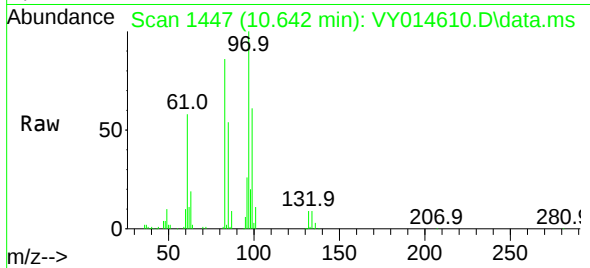
Tgt Ion: 75 Resp: 109681
Ion Ratio Lower Upper
75 100
77 33.7 24.2 36.4
39 39.3 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 20.263 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

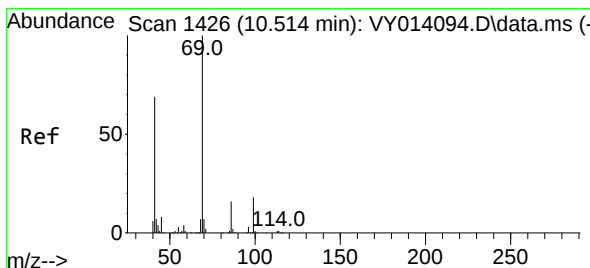
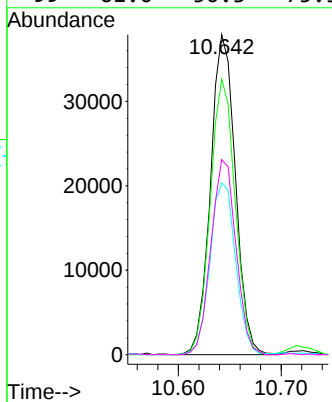
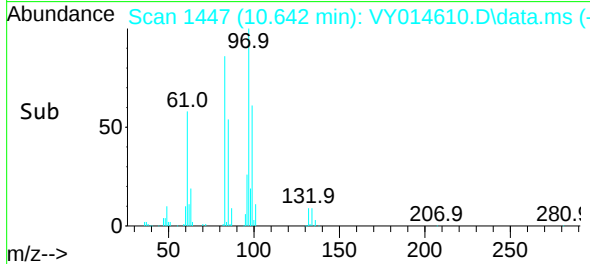
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



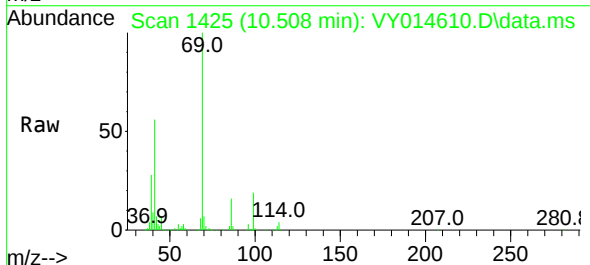
Tgt Ion: 97 Resp: 63470
Ion Ratio Lower Upper
97 100
83 85.9 72.0 108.0
85 53.7 45.4 68.0
99 61.0 50.3 75.5

Manual Integrations
APPROVED

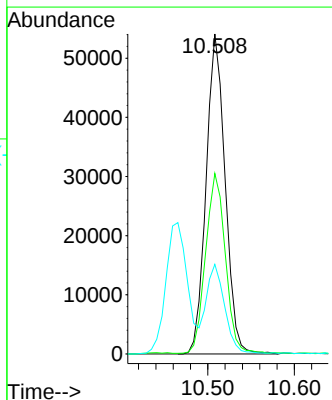
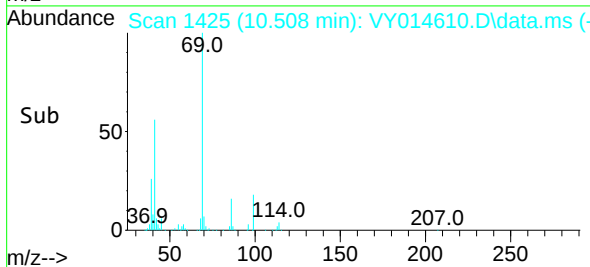
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

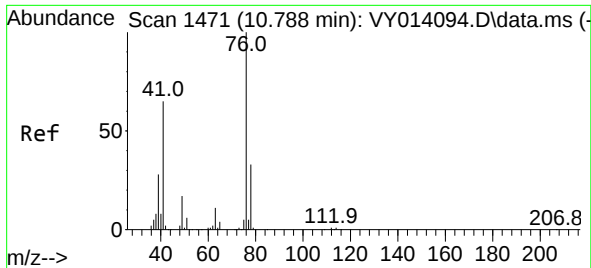


#56
Ethyl methacrylate
Concen: 19.404 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09



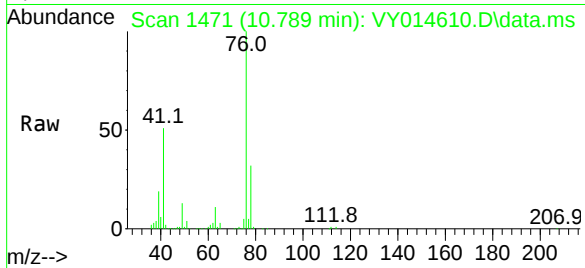
Tgt Ion: 69 Resp: 82678
Ion Ratio Lower Upper
69 100
41 58.6 57.6 86.4
39 26.8 34.1 51.1#





#57
1,3-Dichloropropane
Concen: 19.895 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

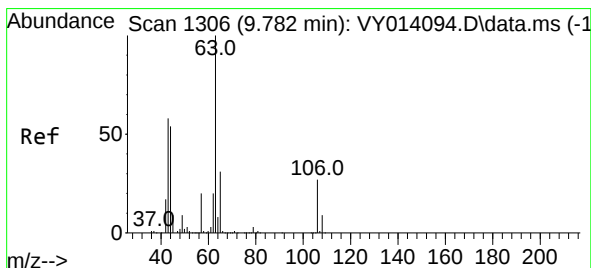
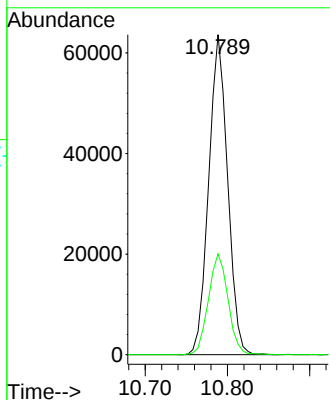
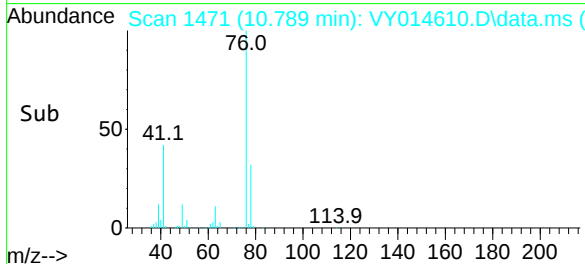
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion: 76 Resp: 10153
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9

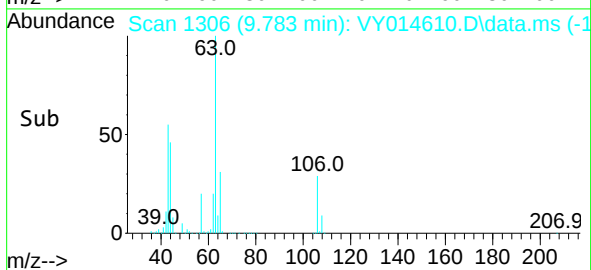
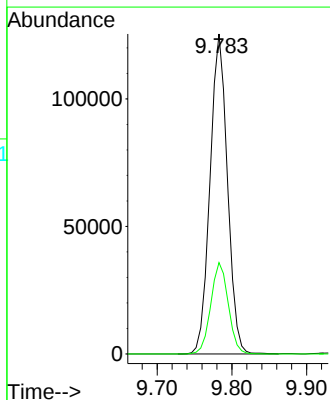
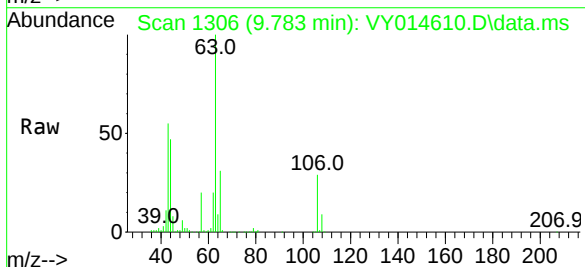
Manual Integrations
APPROVED

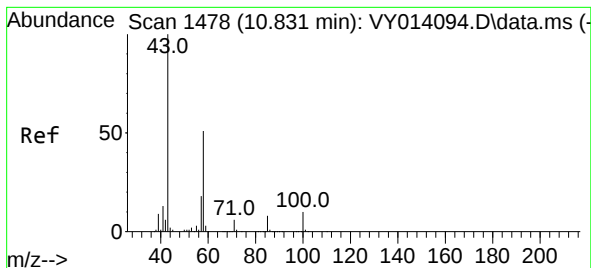
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#58
2-Chloroethyl Vinyl ether
Concen: 98.281 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

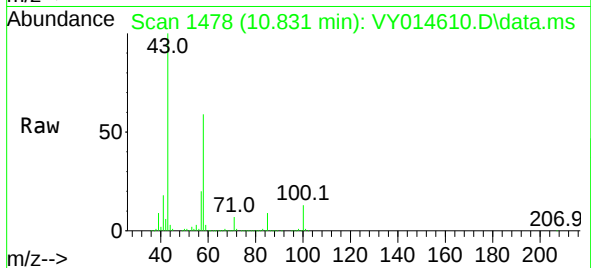
Tgt Ion: 63 Resp: 202866
Ion Ratio Lower Upper
63 100
106 28.7 21.2 31.8





#59
2-Hexanone
Concen: 99.988 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

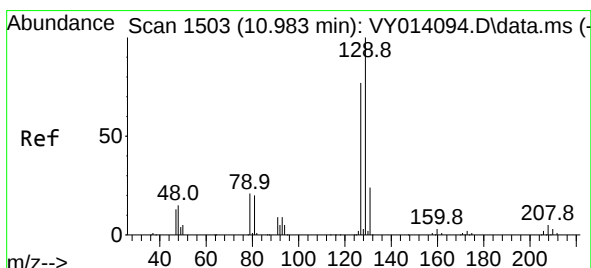
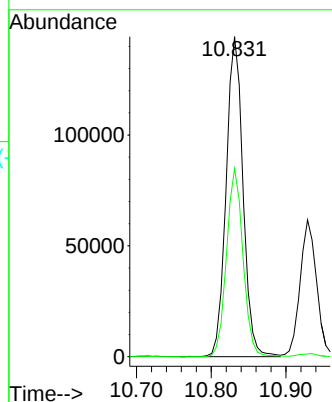
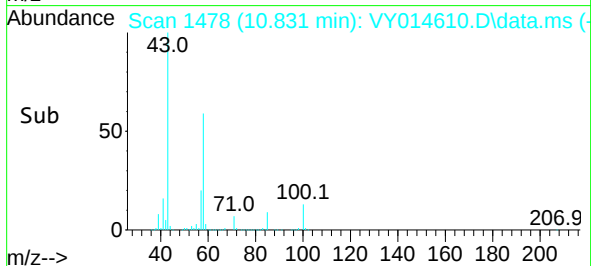
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion: 43 Resp: 22628
Ion Ratio Lower Upper
43 100
58 57.6 25.1 75.3

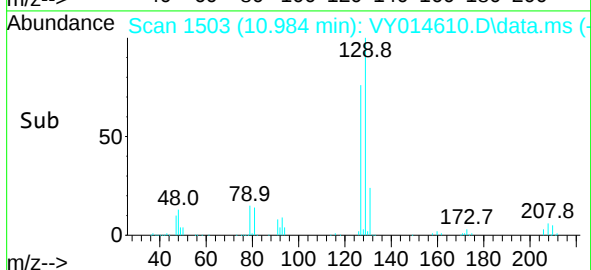
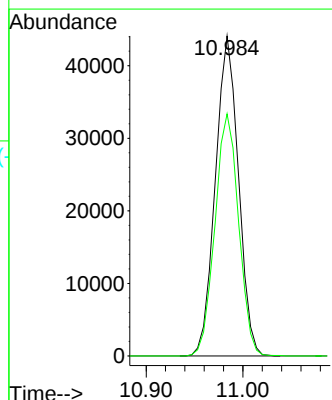
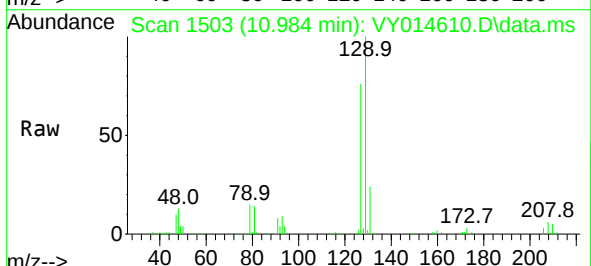
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
Dibromochloromethane
Concen: 19.895 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

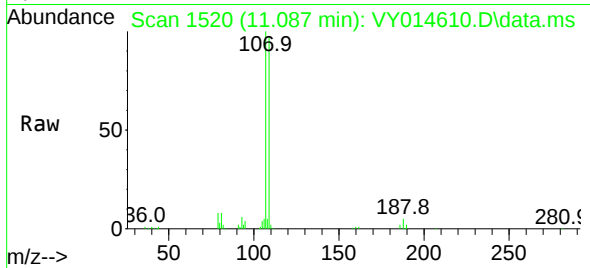
Tgt Ion:129 Resp: 73019
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 19.852 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

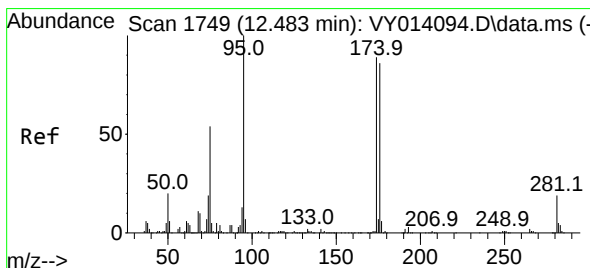
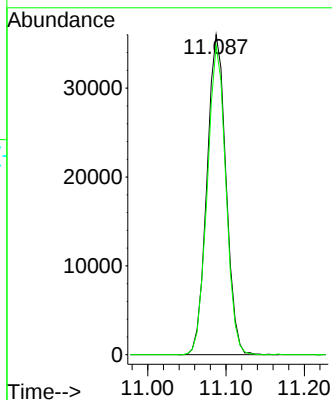
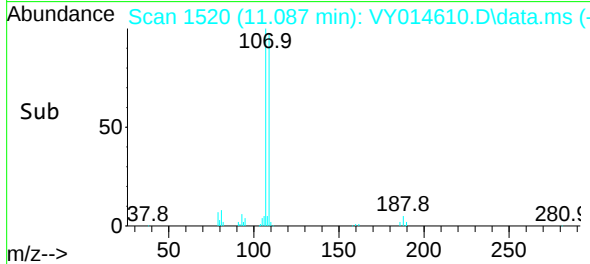
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



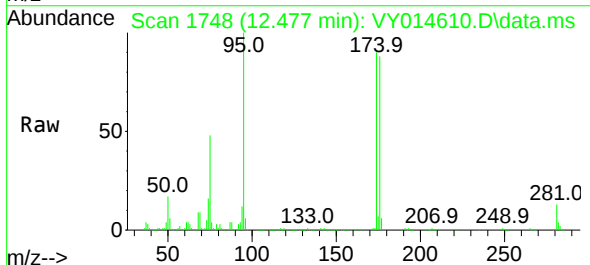
Tgt Ion:107 Resp: 6070
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4

Manual Integrations
APPROVED

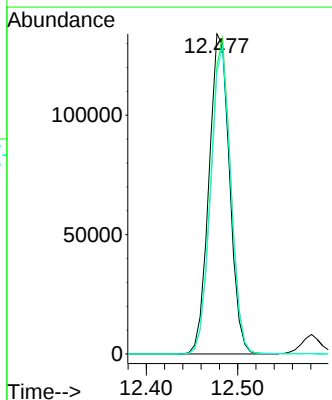
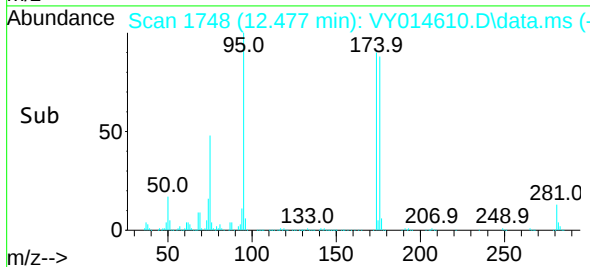
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#62
4-Bromofluorobenzene
Concen: 51.361 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09



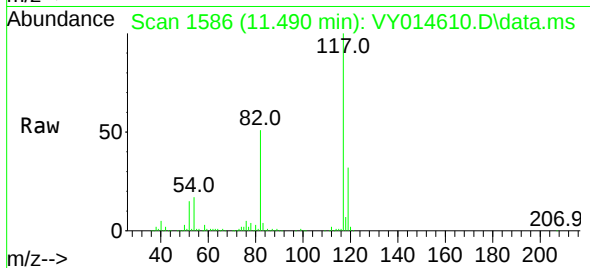
Tgt Ion: 95 Resp: 209629
Ion Ratio Lower Upper
95 100
174 95.9 0.0 178.2
176 93.6 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

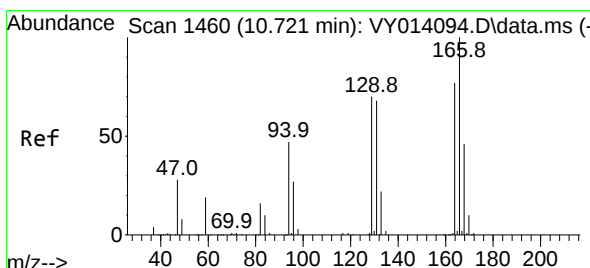
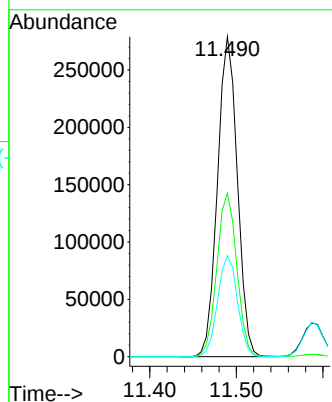
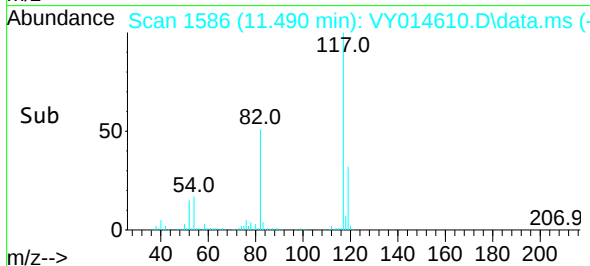
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion:117 Resp: 444530
Ion Ratio Lower Upper
117 100
82 51.2 43.4 65.0
119 31.6 26.3 39.5

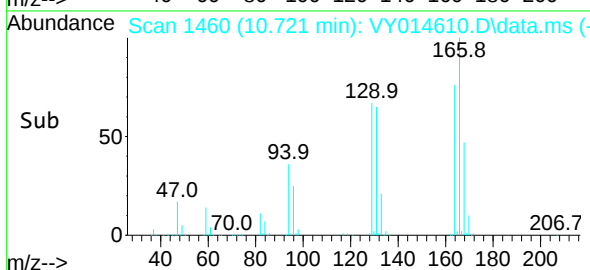
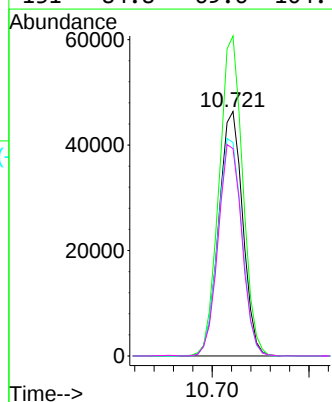
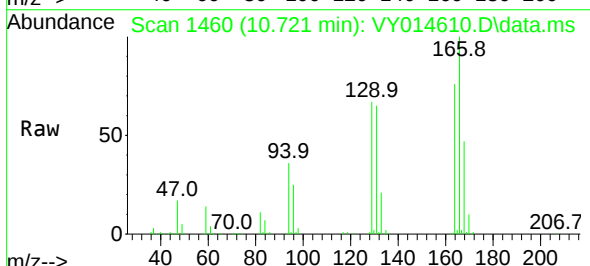
Manual Integrations
APPROVED

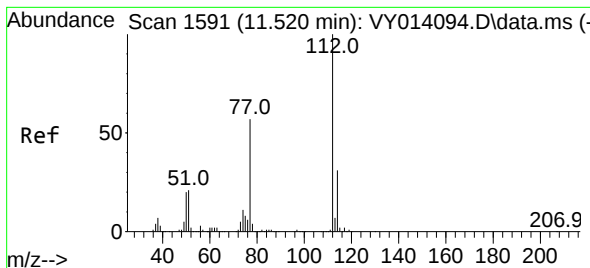
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#64
Tetrachloroethene
Concen: 20.003 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

Tgt Ion:164 Resp: 79489
Ion Ratio Lower Upper
164 100
166 130.9 103.0 154.6
129 87.3 77.2 115.8
131 84.8 69.6 104.4





#65

Chlorobenzene

Concen: 19.645 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tgt Ion:112 Resp: 186109

Ion Ratio Lower Upper

112 100

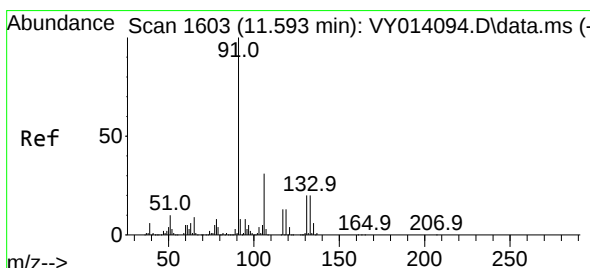
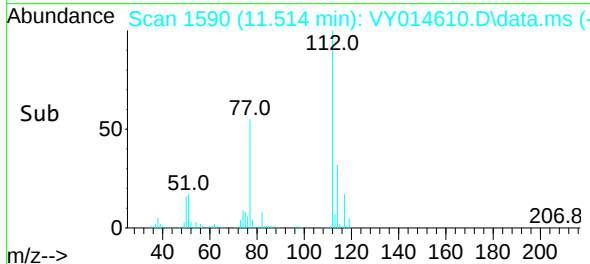
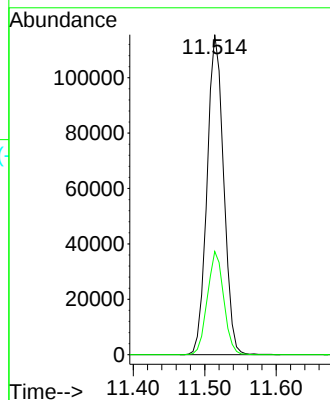
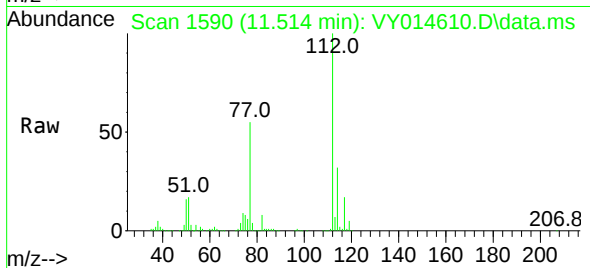
114 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 20.065 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

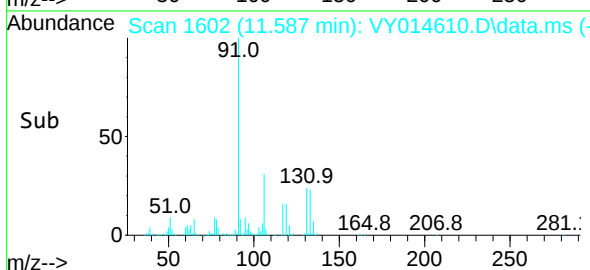
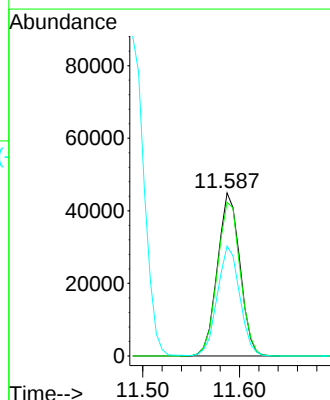
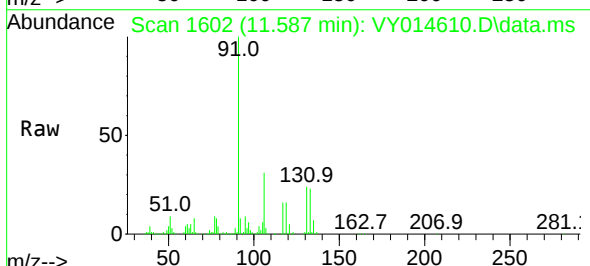
Tgt Ion:131 Resp: 72247

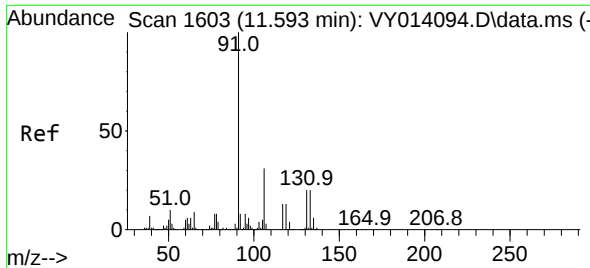
Ion Ratio Lower Upper

131 100

133 96.6 47.5 142.6

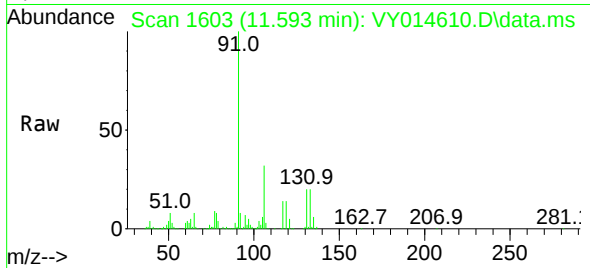
119 67.2 31.6 94.7





#67
Ethyl Benzene
Concen: 19.272 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

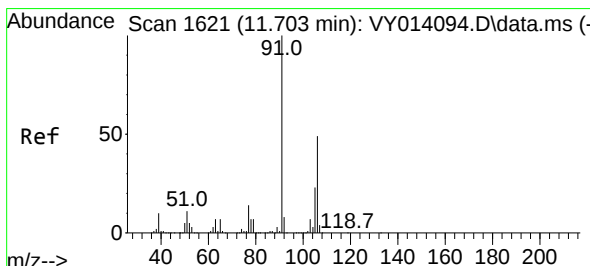
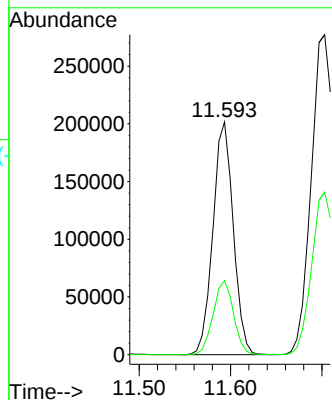
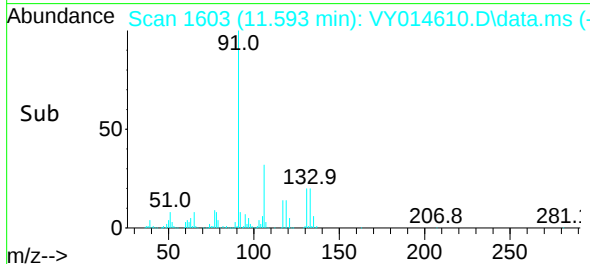
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



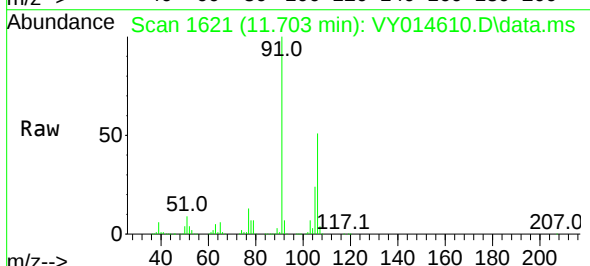
Tgt Ion: 91 Resp: 311349
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

Manual Integrations
APPROVED

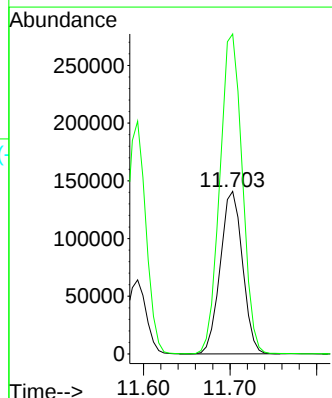
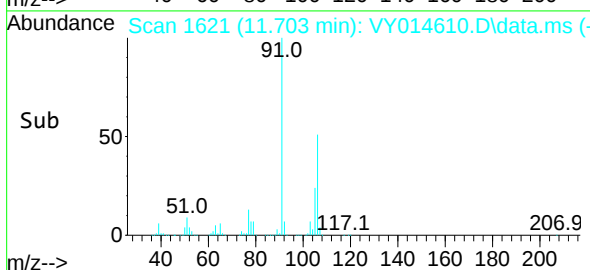
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

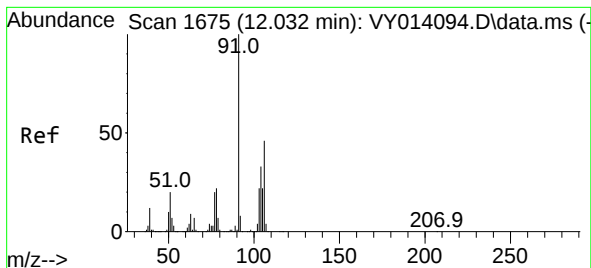


#68
m/p-Xylenes
Concen: 39.166 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09



Tgt Ion:106 Resp: 250981
Ion Ratio Lower Upper
106 100
91 199.1 166.1 249.1





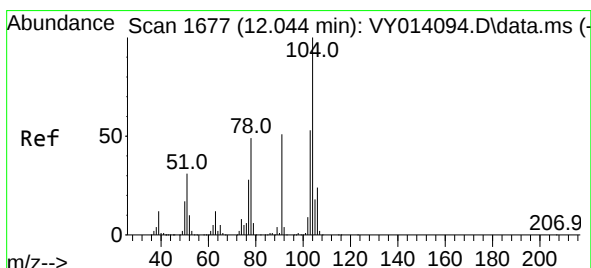
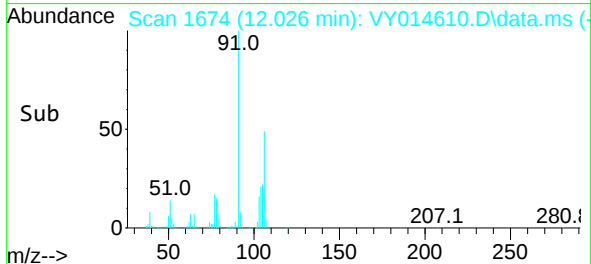
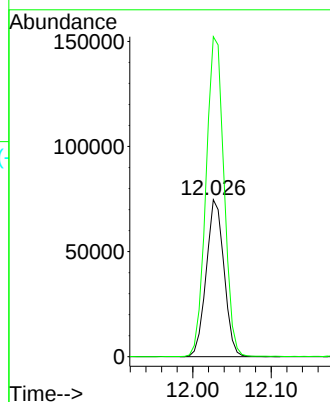
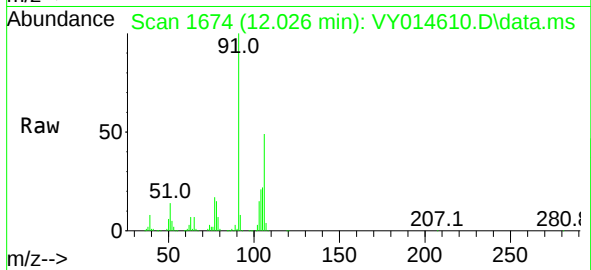
#69
o-Xylene
Concen: 19.311 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01

Tgt Ion:106 Resp: 11737
Ion Ratio Lower Upper
106 100
91 206.5 108.1 324.3

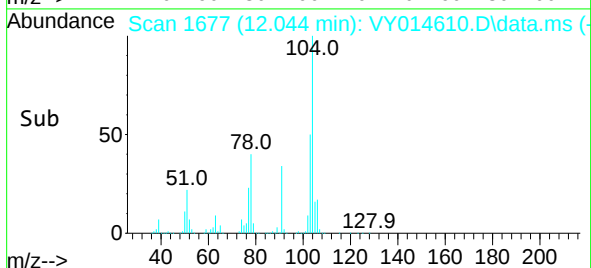
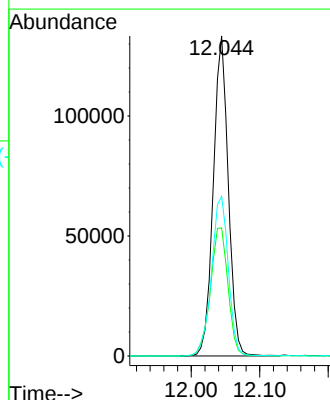
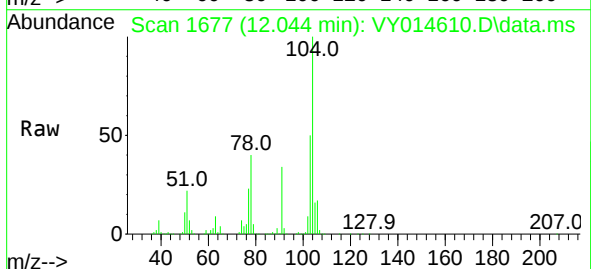
Manual Integrations
APPROVED

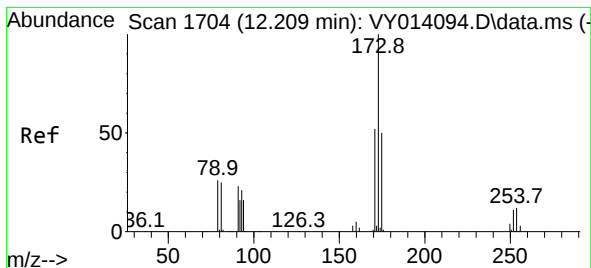
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#70
Styrene
Concen: 19.394 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

Tgt Ion:104 Resp: 202805
Ion Ratio Lower Upper
104 100
78 47.1 41.5 62.3
103 56.0 44.6 67.0





#71

Bromoform

Concen: 20.595 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

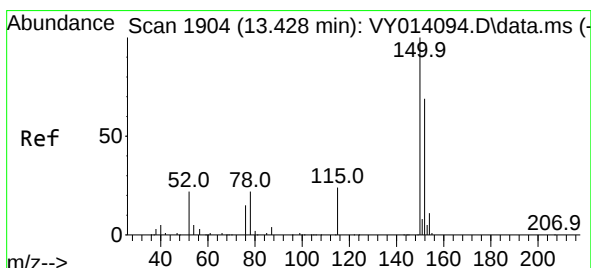
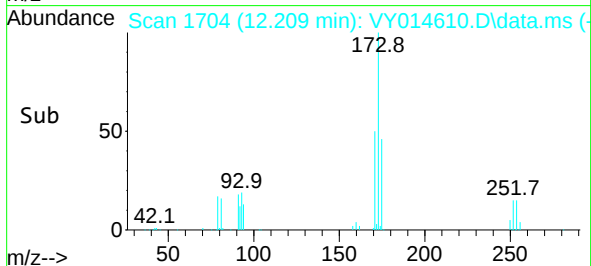
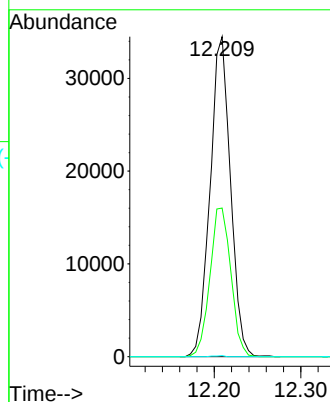
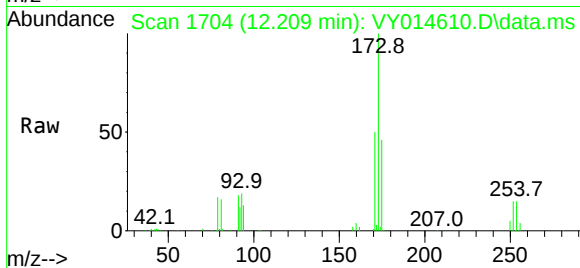
Tgt Ion:	173	Resp:	56330
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.6	73.8
254	0.2	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

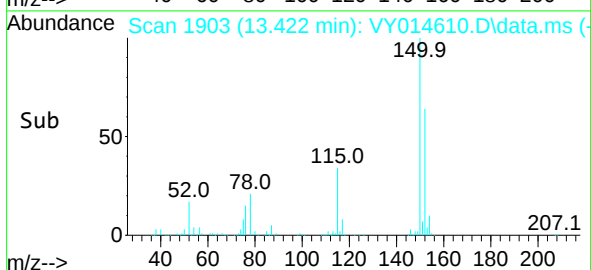
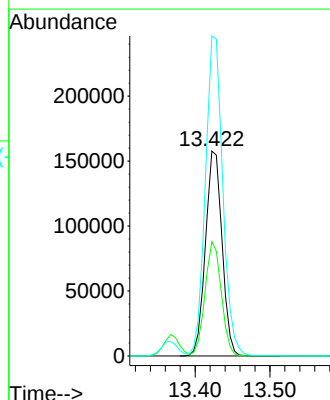
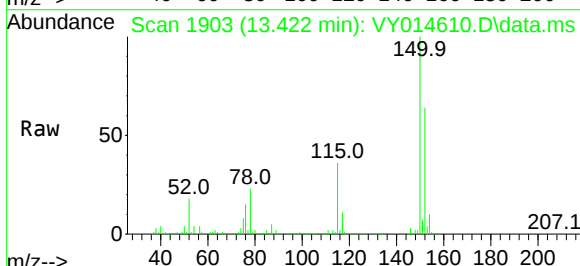
RT: 13.422 min Scan# 1903

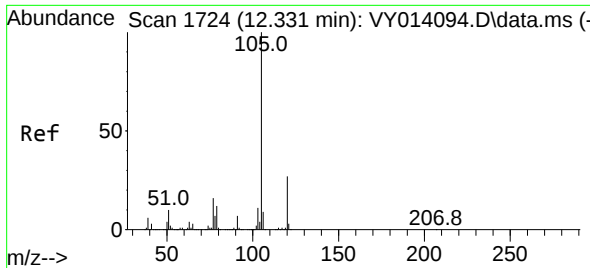
Delta R.T. -0.006 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

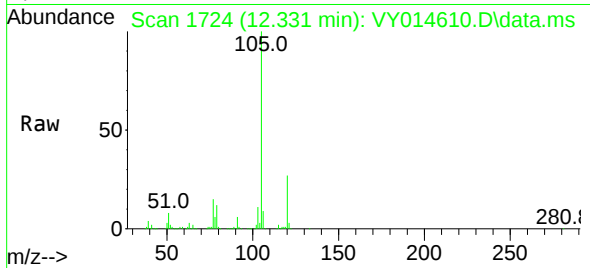
Tgt Ion:	152	Resp:	243369
Ion Ratio	Lower	Upper	
152	100		
115	54.5	28.8	86.5
150	163.7	0.0	348.8





#73
Isopropylbenzene
Concen: 19.260 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

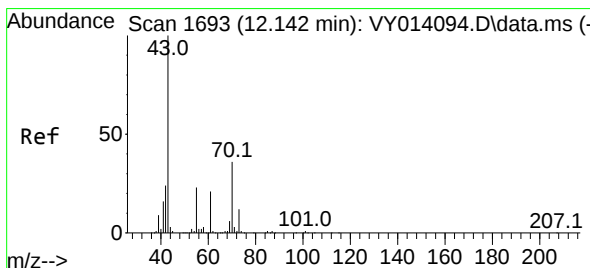
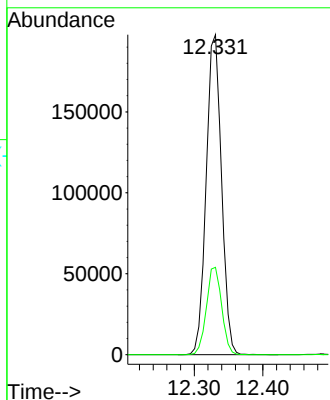
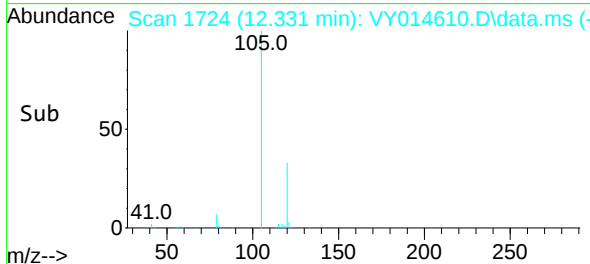
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



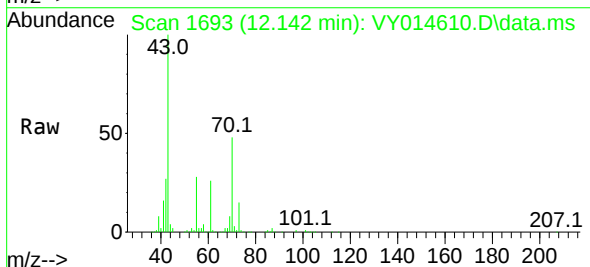
Tgt Ion:105 Resp: 306978
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9

Manual Integrations
APPROVED

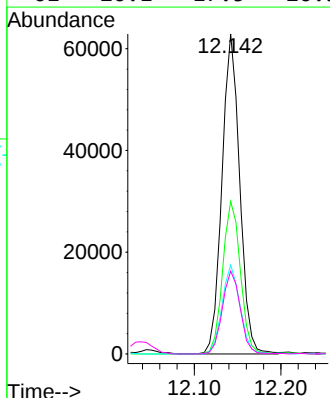
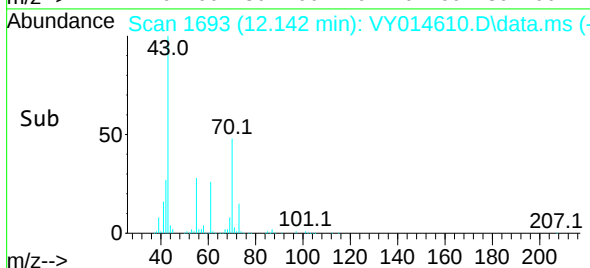
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

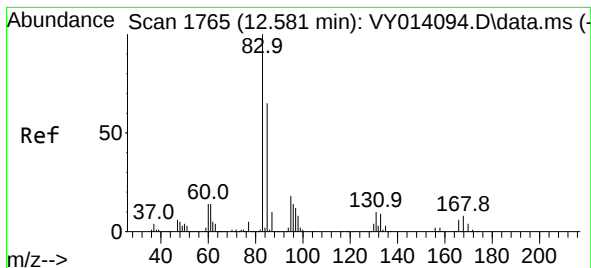


#74
N-ethyl acetate
Concen: 18.644 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09



Tgt Ion: 43 Resp: 89685
Ion Ratio Lower Upper
43 100
70 47.6 29.7 44.5#
55 28.0 18.3 27.5#
61 26.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.619 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

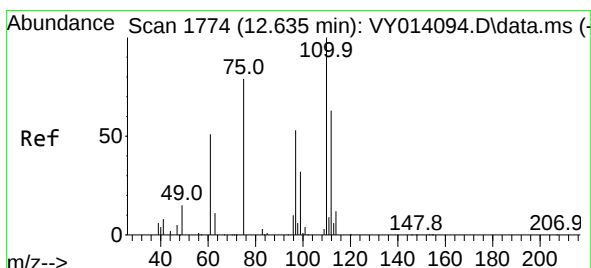
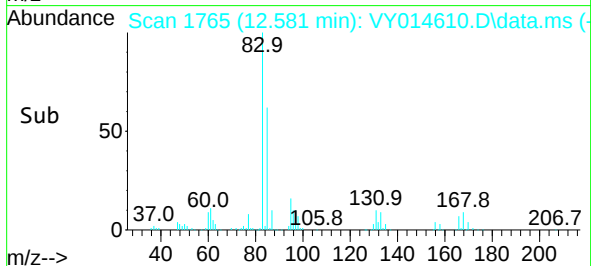
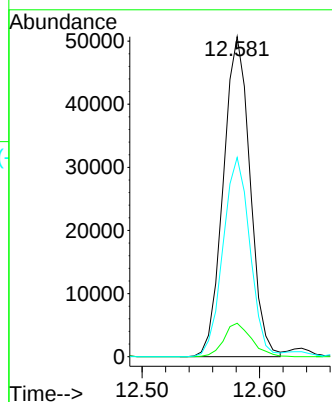
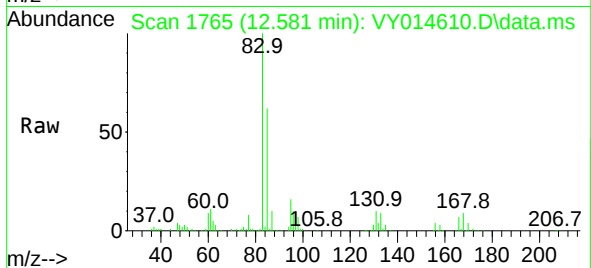
Tgt Ion:	83	Resp:	8024
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.4	16.2
85	62.7	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#76

1,2,3-Trichloropropane

Concen: 20.203 ug/l m

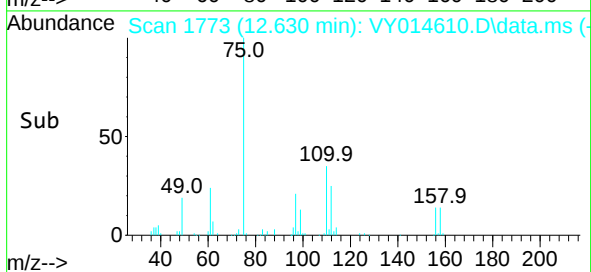
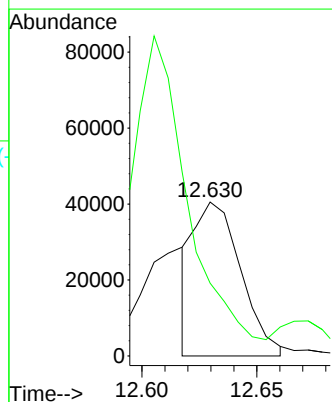
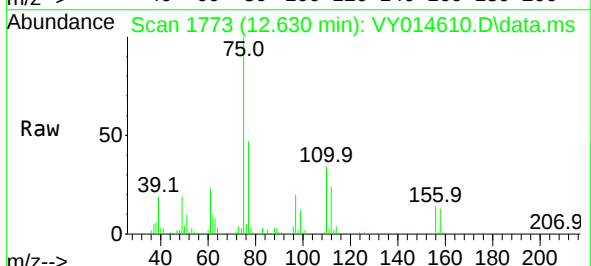
RT: 12.630 min Scan# 1773

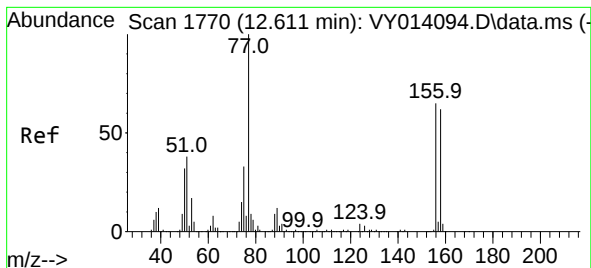
Delta R.T. -0.005 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

Tgt Ion:	75	Resp:	57698
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.420 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

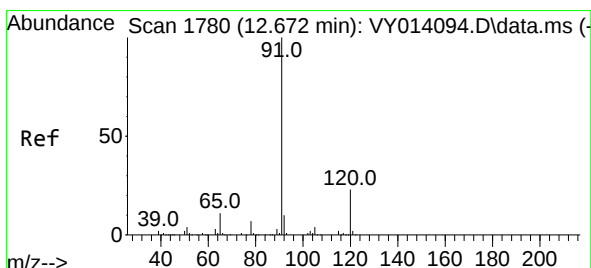
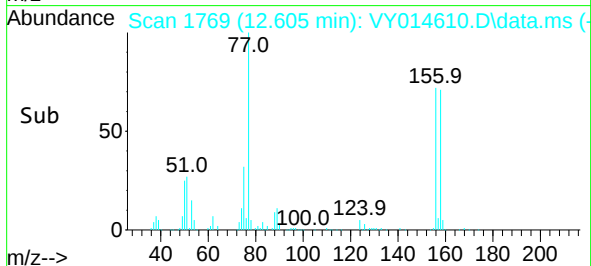
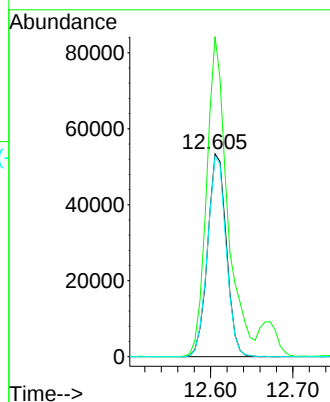
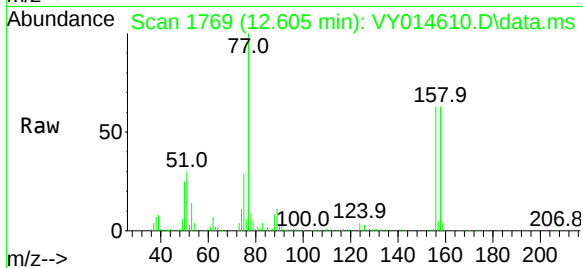
Tgt Ion:	156	Resp:	8454
Ion Ratio	Lower	Upper	
156	100		
77	175.8	92.8	278.6
158	98.3	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#78

n-propylbenzene

Concen: 19.869 ug/l

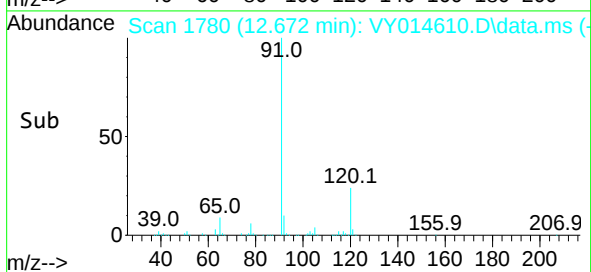
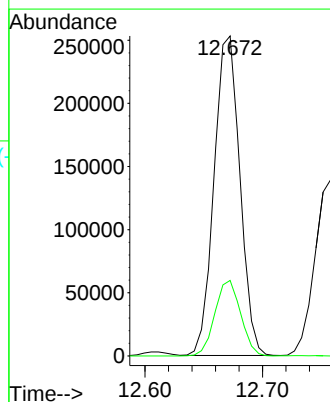
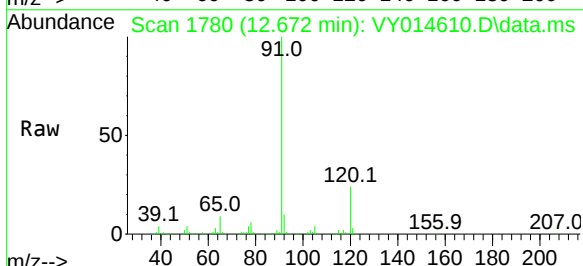
RT: 12.672 min Scan# 1780

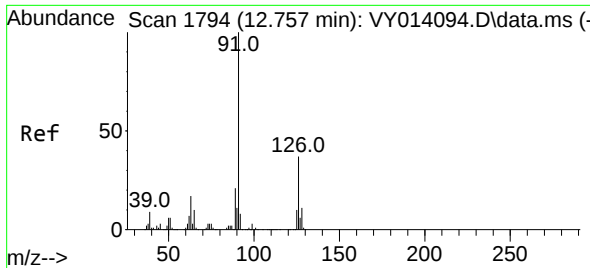
Delta R.T. 0.000 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

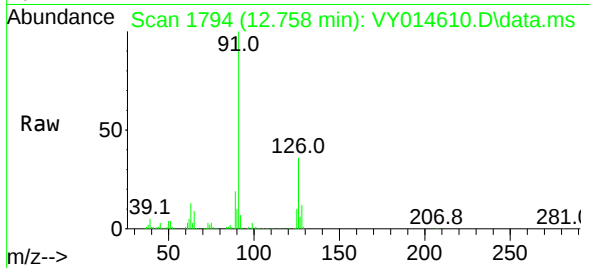
Tgt Ion:	91	Resp:	386307
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.4





#79
2-Chlorotoluene
Concen: 19.444 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

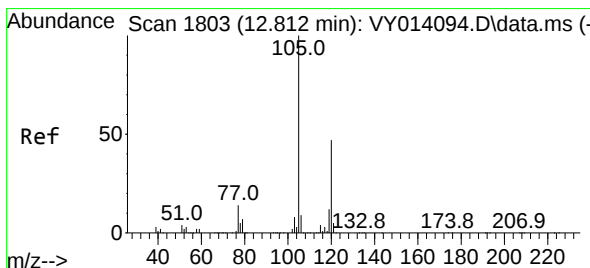
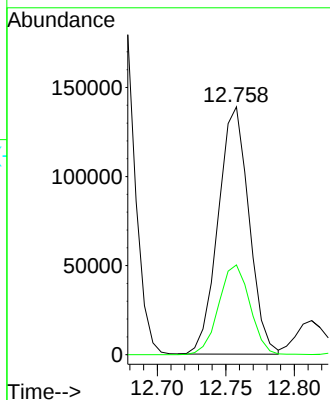
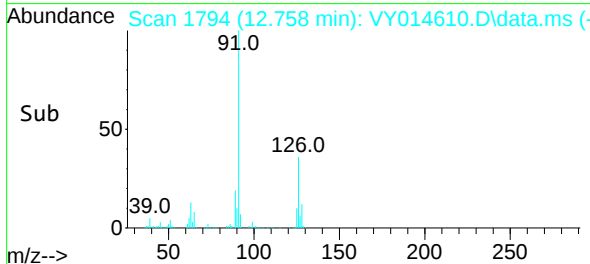
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



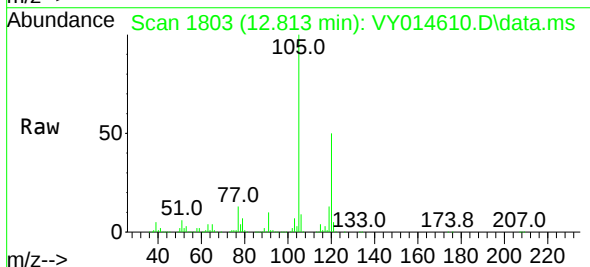
Tgt Ion: 91 Resp: 217560
Ion Ratio Lower Upper
91 100
126 36.8 17.3 51.7

Manual Integrations
APPROVED

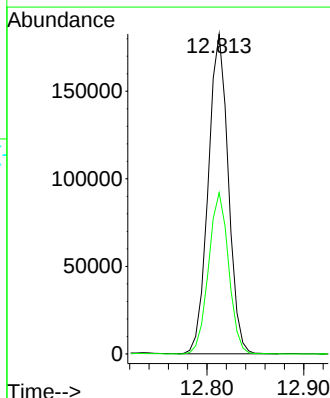
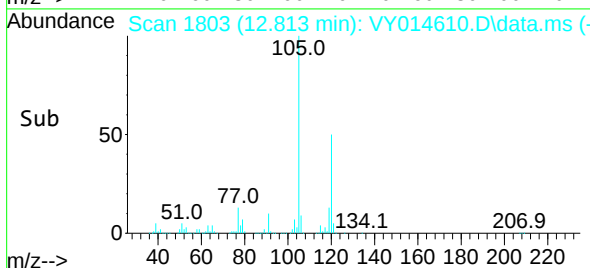
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

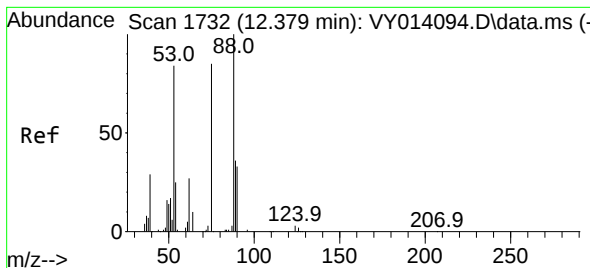


#80
1,3,5-Trimethylbenzene
Concen: 19.495 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09



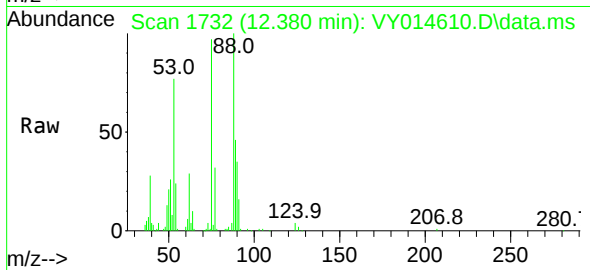
Tgt Ion:105 Resp: 263047
Ion Ratio Lower Upper
105 100
120 50.5 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.283 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

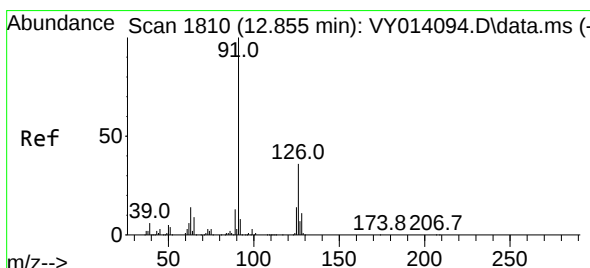
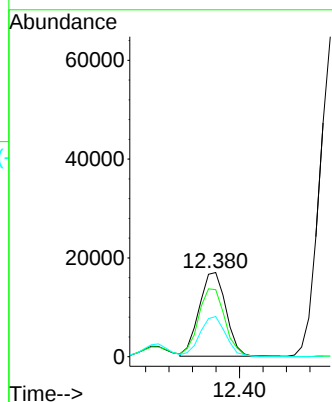
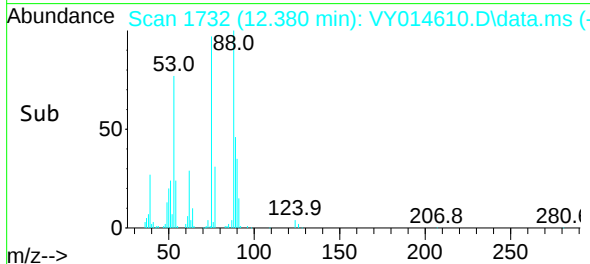
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



Tgt Ion: 75 Resp: 26825
Ion Ratio Lower Upper
75 100
53 80.9 77.8 116.8
89 46.3 37.4 56.0

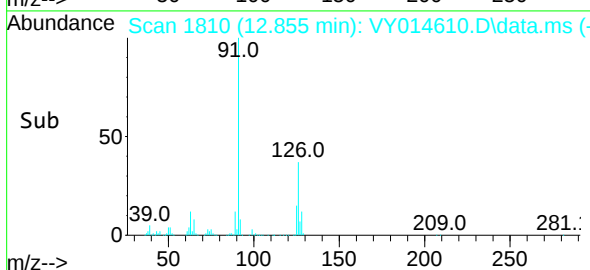
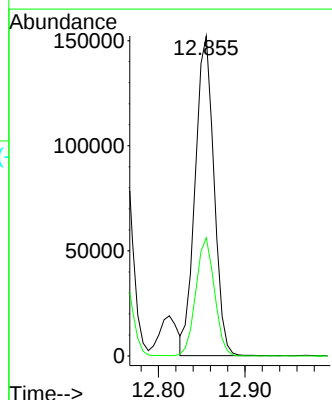
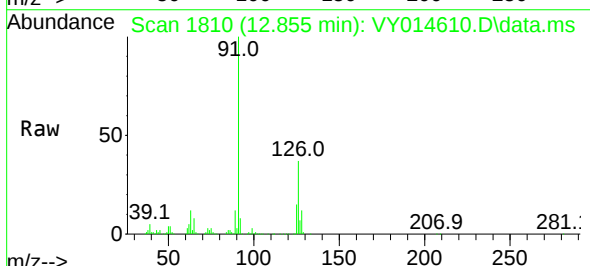
Manual Integrations
APPROVED

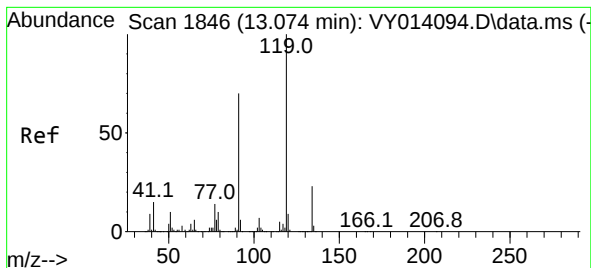
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#82
4-Chlorotoluene
Concen: 19.489 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

Tgt Ion: 91 Resp: 228456
Ion Ratio Lower Upper
91 100
126 36.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.286 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

Tgt Ion:119 Resp: 228710

Ion Ratio Lower Upper

119 100

91 63.2 32.9 98.6

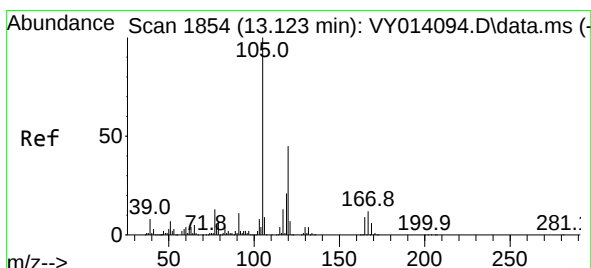
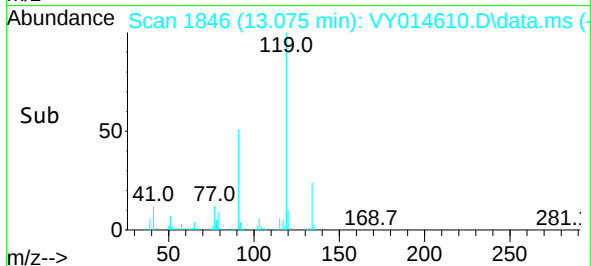
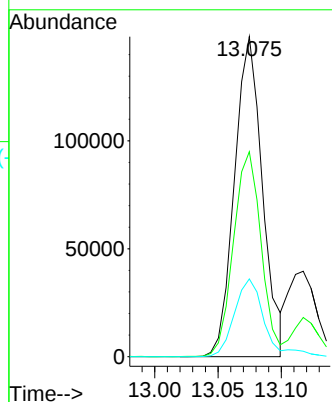
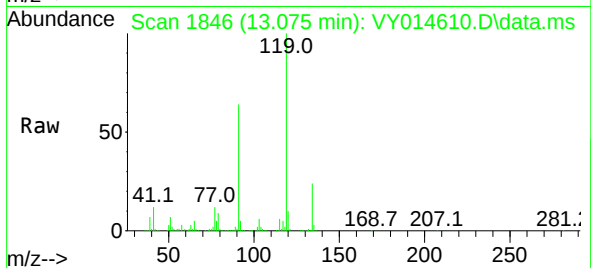
134 26.0 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.483 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014610.D

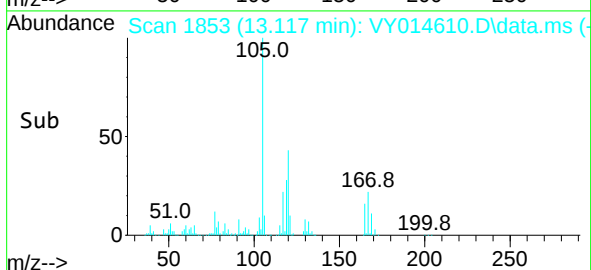
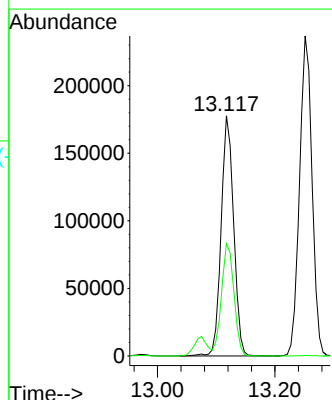
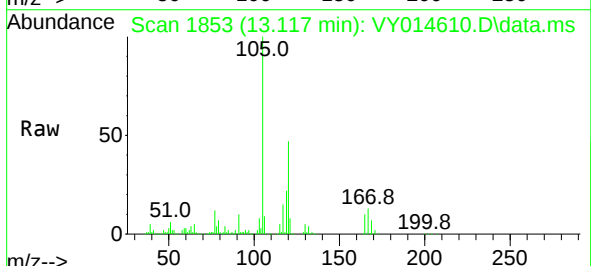
Acq: 10 Jul 2023 12:09

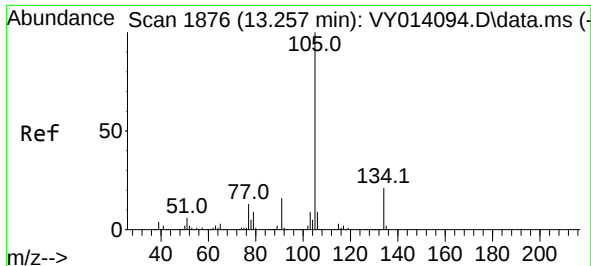
Tgt Ion:105 Resp: 262327

Ion Ratio Lower Upper

105 100

120 46.4 22.2 66.6





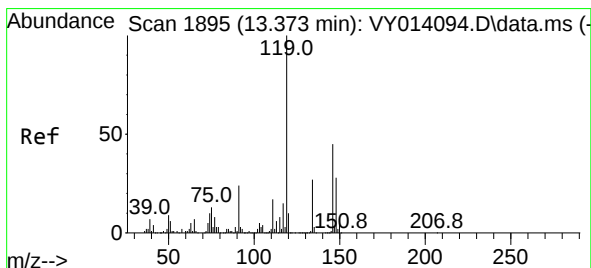
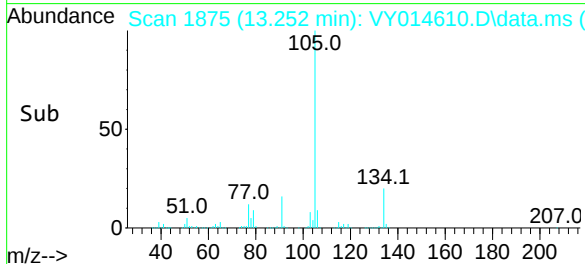
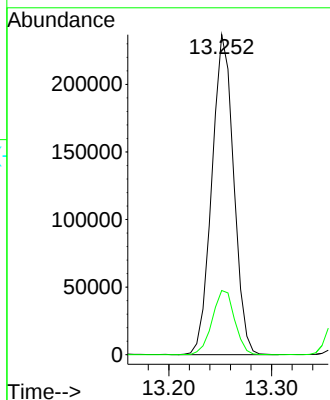
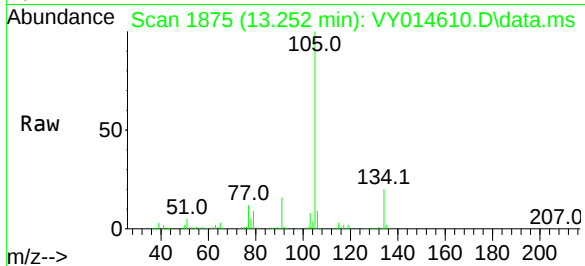
#85
 sec-Butylbenzene
 Concen: 19.970 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. -0.005 min
 Lab File: VY014610.D
 Acq: 10 Jul 2023 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0710SBS01

Tgt Ion:105 Resp: 349454
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

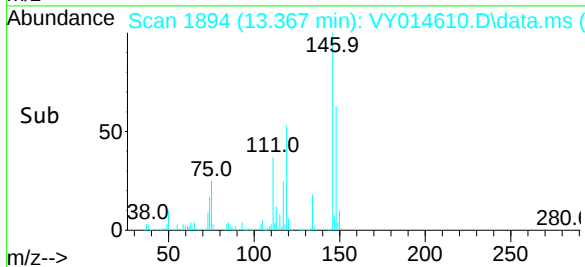
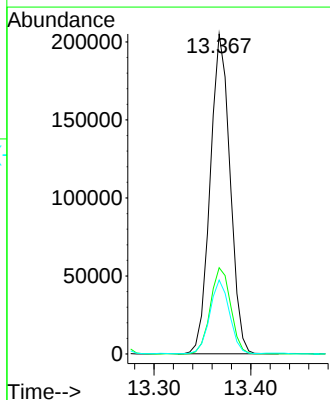
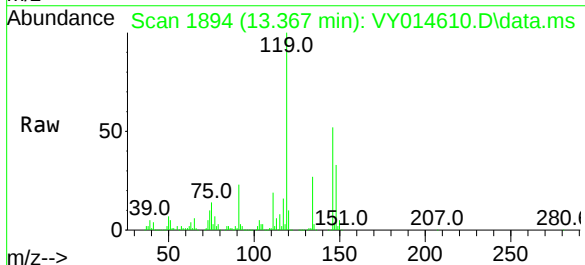
Manual Integrations
 APPROVED

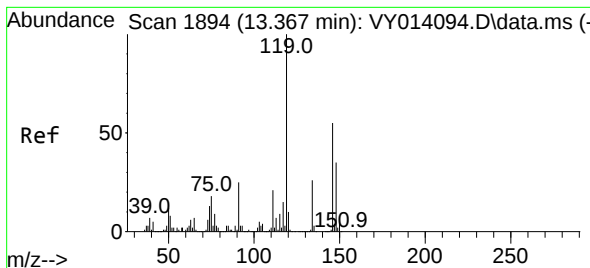
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#86
 p-Isopropyltoluene
 Concen: 19.848 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014610.D
 Acq: 10 Jul 2023 12:09

Tgt Ion:119 Resp: 292286
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.3 39.8
 91 22.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.463 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014610.D

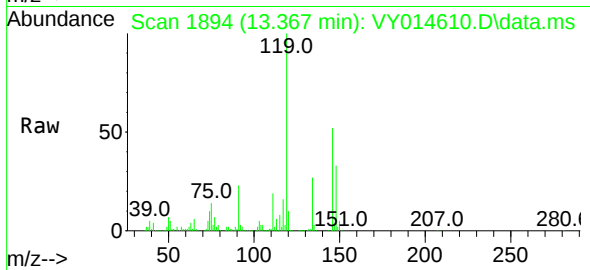
Acq: 10 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01



Tgt Ion:146 Resp: 165662

Ion Ratio Lower Upper

146 100

111 37.1 19.4 58.2

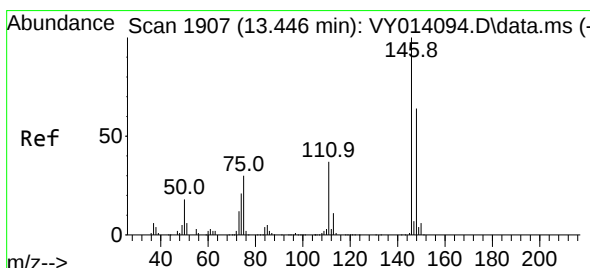
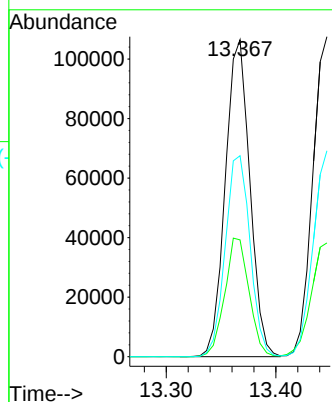
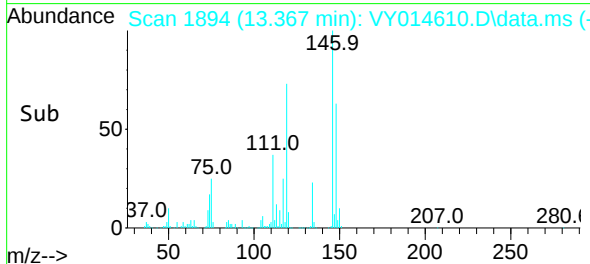
148 64.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#88

1,4-Dichlorobenzene

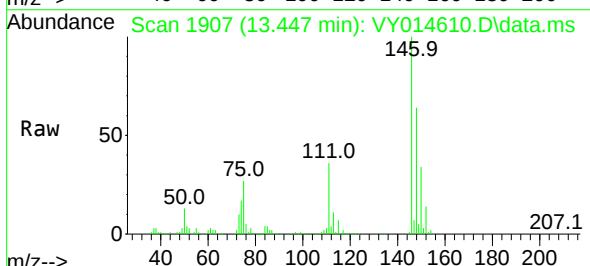
Concen: 19.523 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09



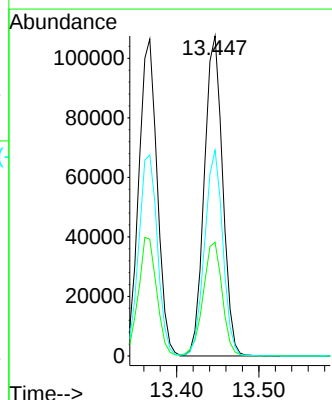
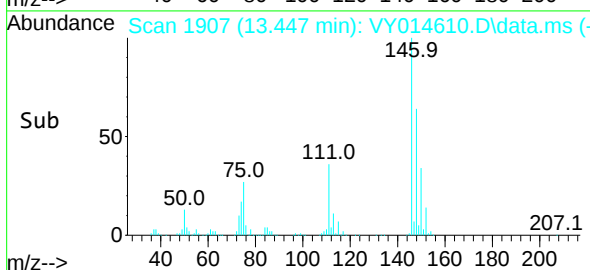
Tgt Ion:146 Resp: 166536

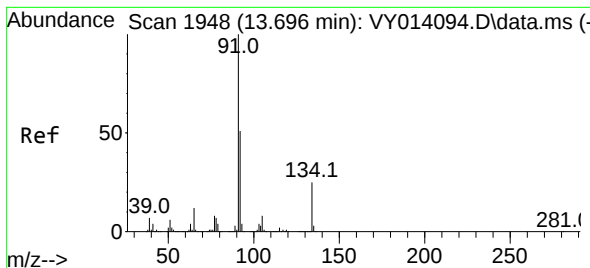
Ion Ratio Lower Upper

146 100

111 37.0 18.9 56.7

148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 20.167 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01

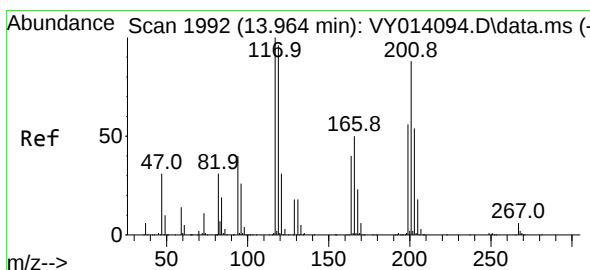
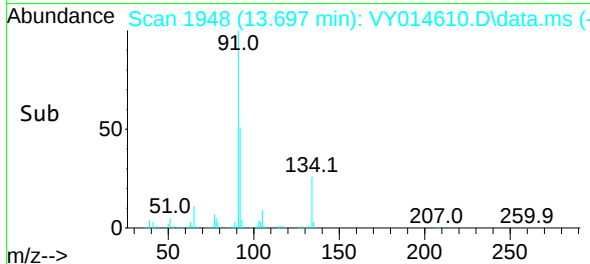
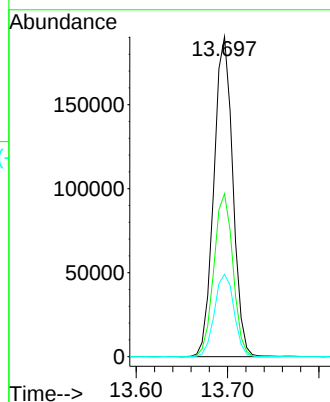
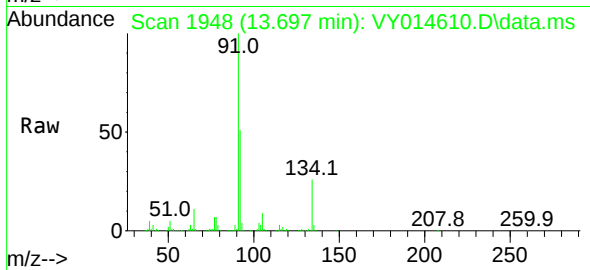
Tgt Ion: 91 Resp: 274458
 Ion Ratio Lower Upper
 91 100
 92 51.3 25.4 76.0
 134 26.6 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#90

Hexachloroethane

Concen: 20.161 ug/l

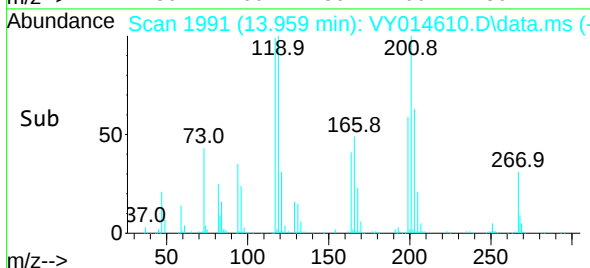
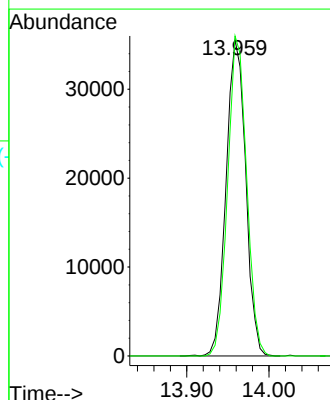
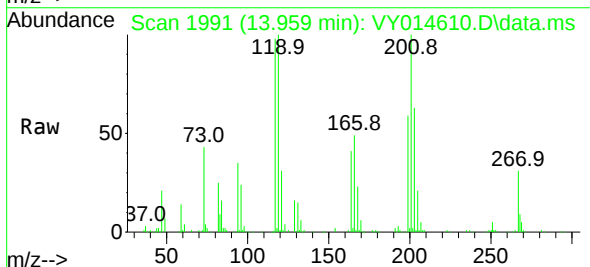
RT: 13.959 min Scan# 1991

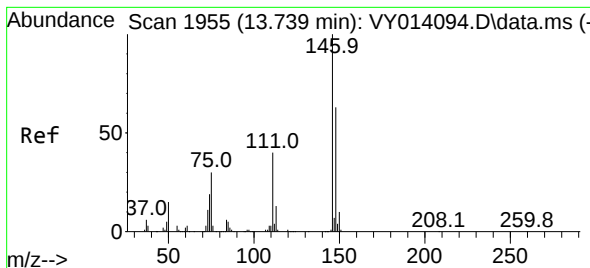
Delta R.T. -0.005 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

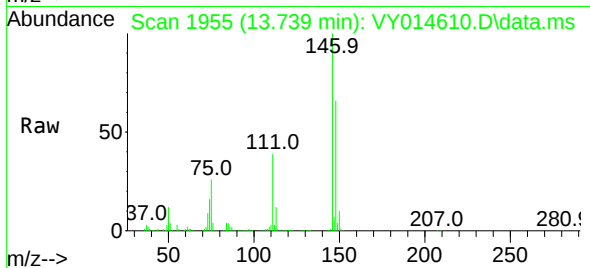
Tgt Ion:117 Resp: 58812
 Ion Ratio Lower Upper
 117 100
 201 97.8 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 19.670 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

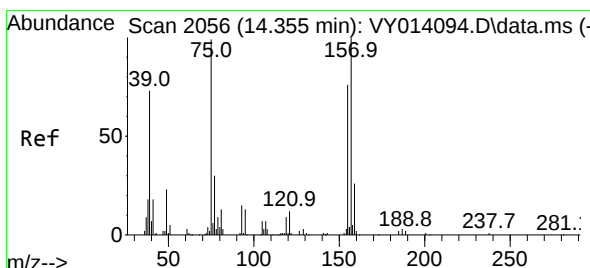
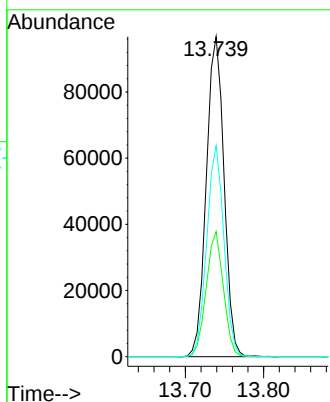
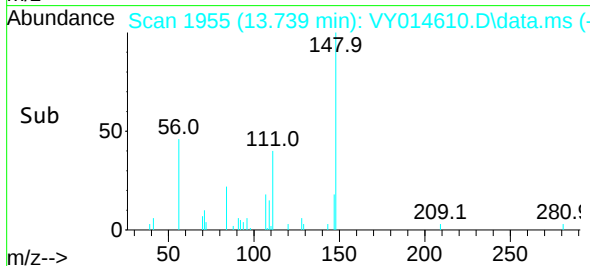
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



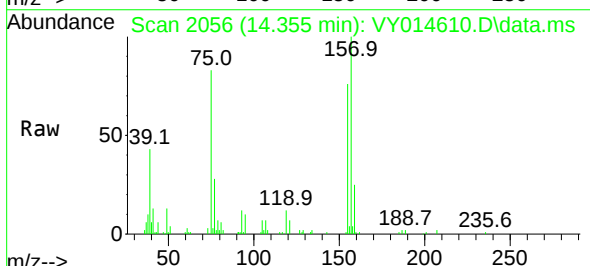
Tgt Ion:146 Resp: 151650
Ion Ratio Lower Upper
146 100
111 38.0 19.7 59.0
148 64.2 32.0 96.2

Manual Integrations
APPROVED

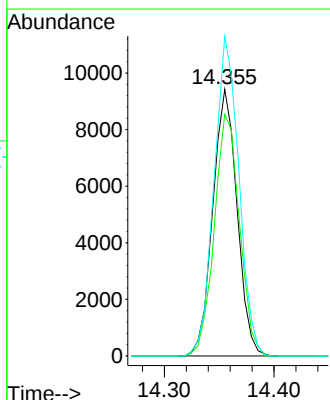
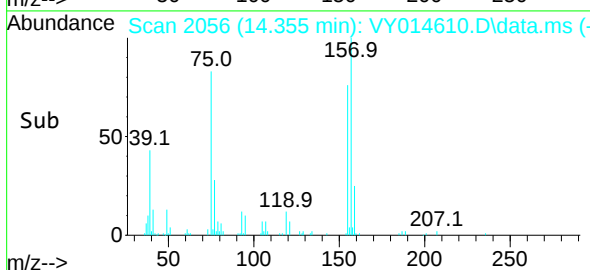
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.378 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09



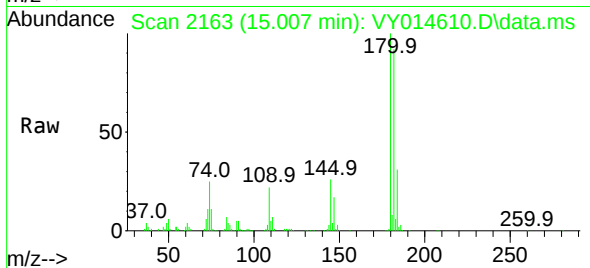
Tgt Ion: 75 Resp: 14511
Ion Ratio Lower Upper
75 100
155 93.7 41.5 124.6
157 122.1 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 19.994 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09

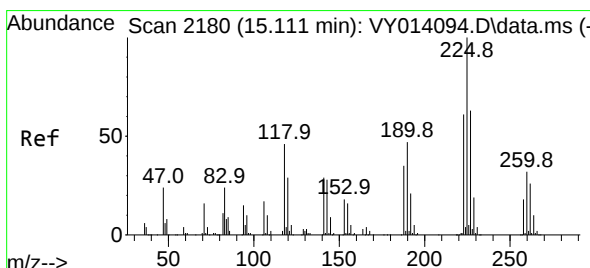
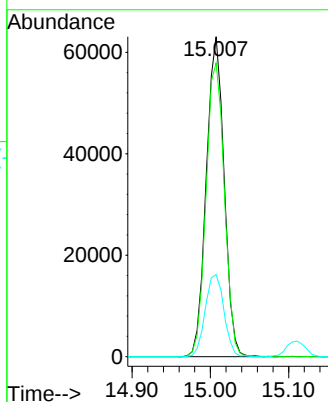
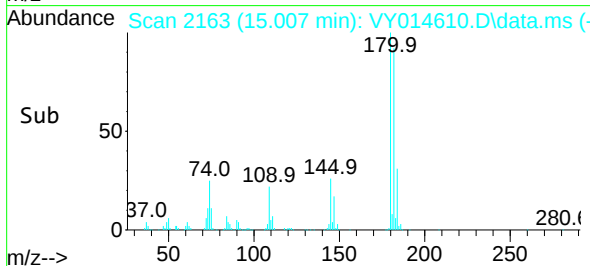
Instrument :
MSVOA_Y
ClientSampleId :
VY0710SBS01



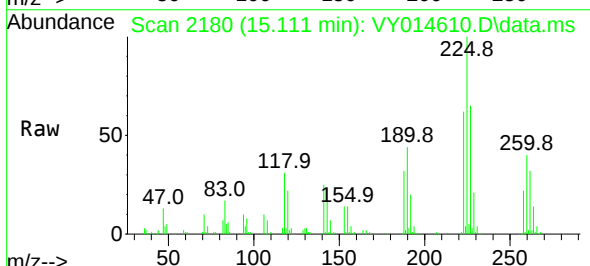
Tgt Ion:180 Resp: 99568
Ion Ratio Lower Upper
180 100
182 94.2 47.0 141.2
145 27.0 14.5 43.5

Manual Integrations
APPROVED

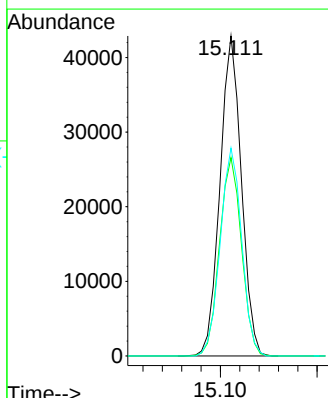
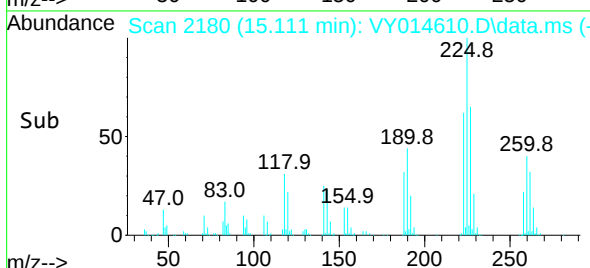
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

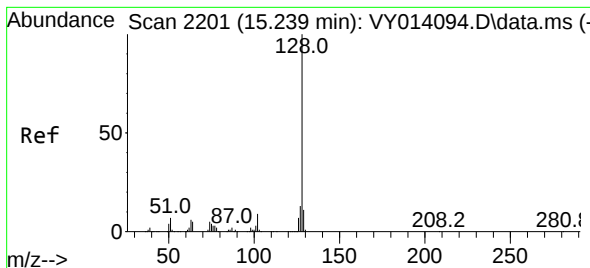


#94
Hexachlorobutadiene
Concen: 21.460 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014610.D
Acq: 10 Jul 2023 12:09



Tgt Ion:225 Resp: 65683
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.9
227 65.3 33.0 98.9





#95

Naphthalene

Concen: 18.297 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY014610.D

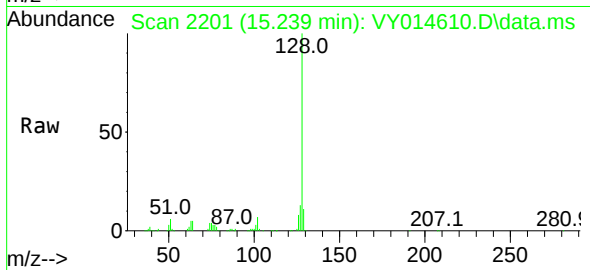
Acq: 10 Jul 2023 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0710SBS01



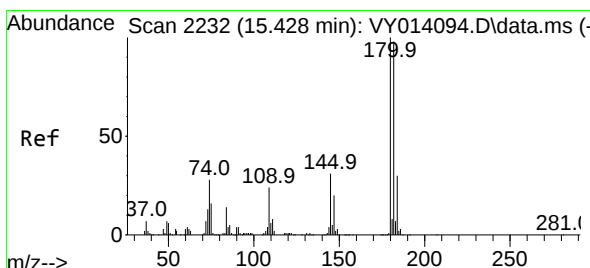
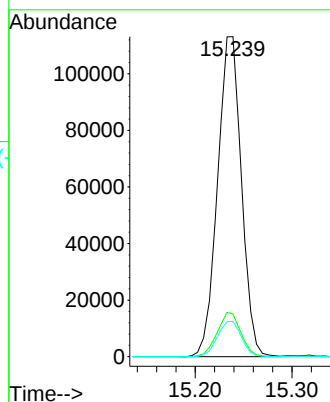
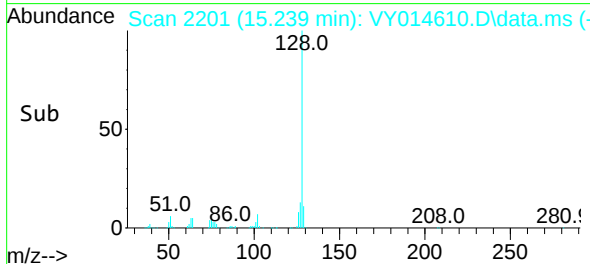
Tgt Ion:	128	Resp:	19385
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.8	16.2
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.797 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY014610.D

Acq: 10 Jul 2023 12:09

Tgt Ion:	180	Resp:	89827
Ion Ratio	Lower	Upper	
180	100		
182	97.0	47.3	141.8
145	29.5	15.4	46.2

