

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014911.D
 Acq On : 28 Jul 2023 16:07
 Operator : SY/MD
 Sample : VY0728SBS04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS04

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 29 03:07:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	184162	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.679	114	312640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	285478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	125038	59.582	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.160%			
35) Dibromofluoromethane	7.710	113	108899	54.718	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.440%			
50) Toluene-d8	10.173	98	387874	52.863	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.720%			
62) 4-Bromofluorobenzene	12.477	95	144597	51.395	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27862	18.570	ug/l	95
3) Chloromethane	2.101	50	40660	24.108	ug/l	96
4) Vinyl Chloride	2.241	62	44201	23.450	ug/l	94
5) Bromomethane	2.613	94	29790	23.915	ug/l	91
6) Chloroethane	2.765	64	27871	23.671	ug/l	98
7) Trichlorofluoromethane	3.101	101	63548	20.074	ug/l	98
8) Diethyl Ether	3.515	74	23763	20.174	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.875	101	35546	18.319	ug/l	96
10) Methyl Iodide	4.076	142	26601	14.689	ug/l	97
11) Tert butyl alcohol	4.960	59	54547	114.835	ug/l	99
12) 1,1-Dichloroethene	3.850	96	33463	18.452	ug/l	95
13) Acrolein	3.716	56	19554	89.147	ug/l	98
14) Allyl chloride	4.460	41	55639	17.279	ug/l	97
15) Acrylonitrile	5.149	53	75859	116.791	ug/l	99
16) Acetone	3.942	43	78207	117.601	ug/l	95
17) Carbon Disulfide	4.174	76	87274	16.809	ug/l	98
18) Methyl Acetate	4.466	43	62345	24.430	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	120518	20.458	ug/l	98
20) Methylene Chloride	4.698	84	53356	22.364	ug/l	89
21) trans-1,2-Dichloroethene	5.198	96	38772	18.839	ug/l	93
22) Diisopropyl ether	6.106	45	122737	18.748	ug/l	93
23) Vinyl Acetate	6.045	43	377527	96.365	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	70624	18.854	ug/l	95
25) 2-Butanone	6.978	43	118101	121.388	ug/l	95
26) 2,2-Dichloropropane	6.966	77	65398	18.319	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	46445	19.388	ug/l	97
28) Bromochloromethane	7.319	49	36045	22.343	ug/l	94
29) Tetrahydrofuran	7.338	42	72864	121.627	ug/l	92
30) Chloroform	7.496	83	76818	19.887	ug/l	98
31) Cyclohexane	7.771	56	57735	16.573	ug/l #	87
32) 1,1,1-Trichloroethane	7.691	97	64606	18.583	ug/l	99
36) 1,1-Dichloropropene	7.911	75	52137	17.518	ug/l	98
37) Ethyl Acetate	7.063	43	46532	22.708	ug/l #	94
38) Carbon Tetrachloride	7.886	117	56676	18.014	ug/l	99
39) Methylcyclohexane	9.173	83	62681	16.165	ug/l	93
40) Benzene	8.148	78	159341	18.824	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014911.D
 Acq On : 28 Jul 2023 16:07
 Operator : SY/MD
 Sample : VY0728SBS04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS04

Quant Time: Jul 29 03:07:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	24355m	23.107	ug/l	
42) 1,2-Dichloroethane	8.228	62	54871	20.470	ug/l	95
43) Isopropyl Acetate	8.264	43	80477	20.617	ug/l	97
44) Trichloroethene	8.929	130	45328	19.139	ug/l	98
45) 1,2-Dichloropropane	9.209	63	41186	18.634	ug/l	97
46) Dibromomethane	9.295	93	27528	20.530	ug/l	96
47) Bromodichloromethane	9.490	83	59854	18.939	ug/l	95
48) Methyl methacrylate	9.282	41	35362	20.133	ug/l	93
49) 1,4-Dioxane	9.295	88	10786	493.314	ug/l #	64
51) 4-Methyl-2-Pentanone	10.063	43	233546	113.953	ug/l	94
52) Toluene	10.233	92	101201	18.684	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	61617	17.824	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	67411	17.932	ug/l	95
55) 1,1,2-Trichloroethane	10.636	97	38913	20.833	ug/l	94
56) Ethyl methacrylate	10.502	69	56548	19.829	ug/l	91
57) 1,3-Dichloropropane	10.782	76	64304	19.960	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	142251	107.053	ug/l	93
59) 2-Hexanone	10.825	43	173609	116.158	ug/l	92
60) Dibromochloromethane	10.977	129	44540	19.449	ug/l	99
61) 1,2-Dibromoethane	11.081	107	38090	20.442	ug/l	100
64) Tetrachloroethene	10.709	164	46897	20.426	ug/l	97
65) Chlorobenzene	11.508	112	112245	18.451	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.581	131	42221	18.407	ug/l	98
67) Ethyl Benzene	11.587	91	195141	17.766	ug/l	100
68) m/p-Xylenes	11.697	106	150822	35.972	ug/l	95
69) o-Xylene	12.026	106	73718	18.051	ug/l	98
70) Styrene	12.038	104	126696	18.407	ug/l	96
71) Bromoform	12.203	173	29664	19.080	ug/l #	99
73) Isopropylbenzene	12.325	105	191824	16.823	ug/l	100
74) N-amyl acetate	12.136	43	69528	18.206	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.575	83	49368	18.985	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	39427m	21.437	ug/l	
77) Bromobenzene	12.599	156	46917	18.025	ug/l	96
78) n-propylbenzene	12.666	91	228833	16.654	ug/l	100
79) 2-Chlorotoluene	12.751	91	132507	16.743	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	160230	16.826	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	15747	16.577	ug/l	98
82) 4-Chlorotoluene	12.849	91	138501	16.992	ug/l	100
83) tert-Butylbenzene	13.068	119	138390	16.383	ug/l	99
84) 1,2,4-Trimethylbenzene	13.111	105	162203	17.356	ug/l	99
85) sec-Butylbenzene	13.245	105	207046	16.708	ug/l	99
86) p-Isopropyltoluene	13.361	119	174655	17.263	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	93128	18.384	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	94257	18.568	ug/l	97
89) n-Butylbenzene	13.690	91	164025	16.664	ug/l	97
90) Hexachloroethane	13.952	117	32786	15.777	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	86574	18.653	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	10320	20.753	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	55331	18.780	ug/l	98
94) Hexachlorobutadiene	15.105	225	28777	17.774	ug/l	96
95) Naphthalene	15.226	128	138855	20.229	ug/l	98
96) 1,2,3-Trichlorobenzene	15.415	180	50110	19.137	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
Data File : VY014911.D
Acq On : 28 Jul 2023 16:07
Operator : SY/MD
Sample : VY0728SBSD04
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBSD04

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/31/2023
Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 29 03:07:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

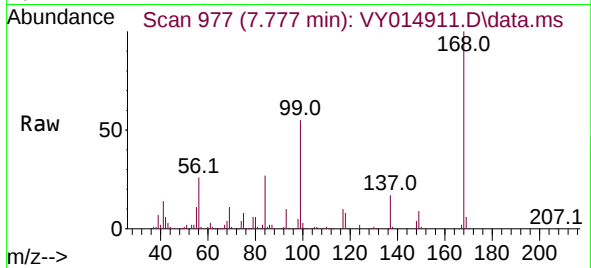
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

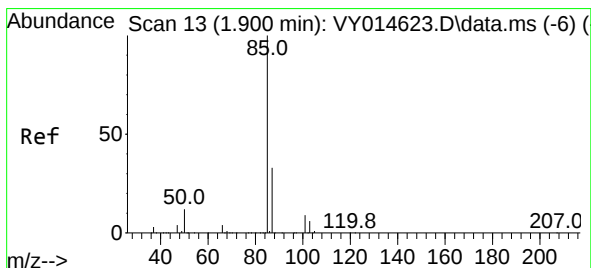
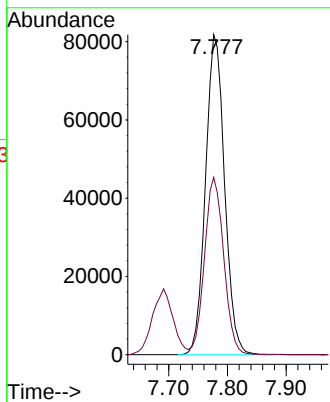
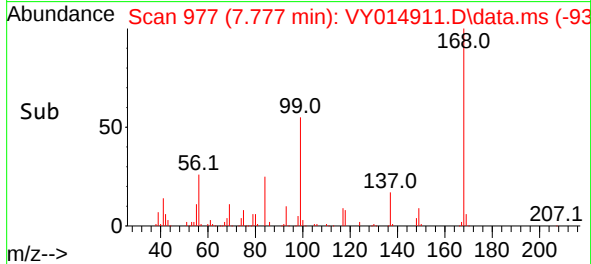
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion:168 Resp: 184162
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0

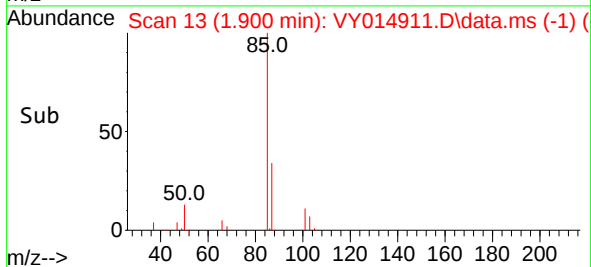
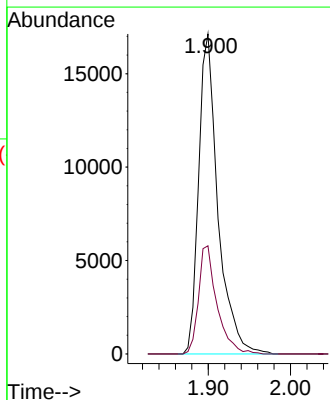
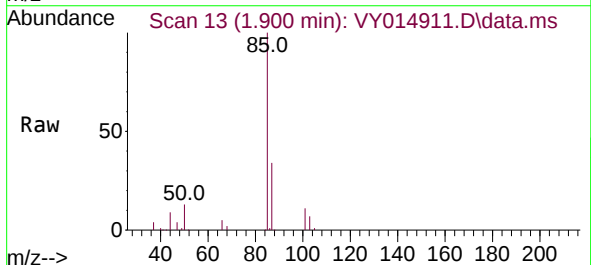
Manual Integrations
APPROVED

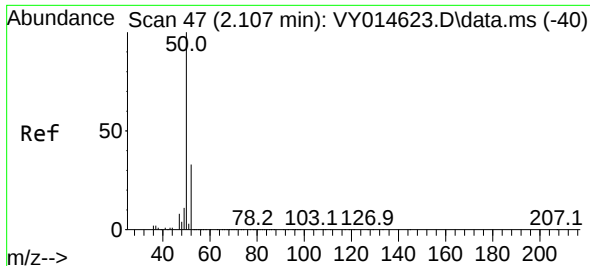
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 18.570 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

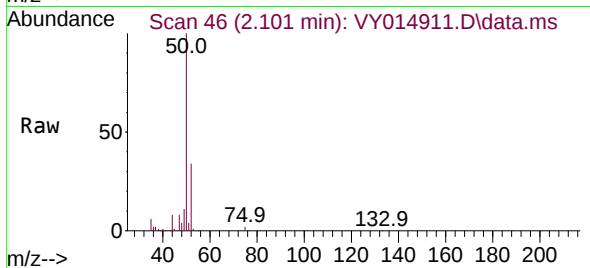
Tgt Ion: 85 Resp: 27862
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.8





#3
Chloromethane
Concen: 24.108 ug/l
RT: 2.101 min Scan# 40
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

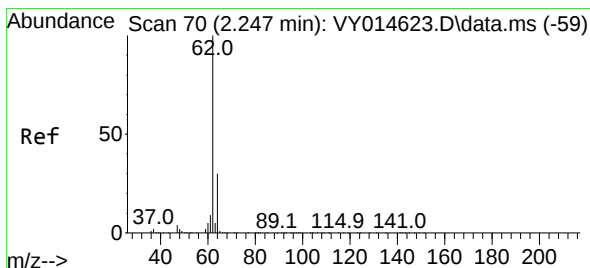
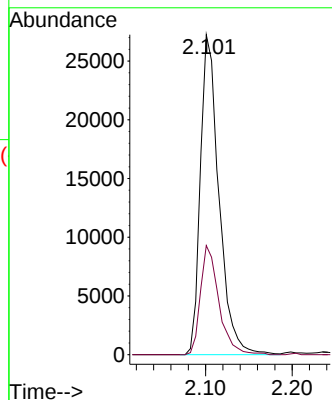
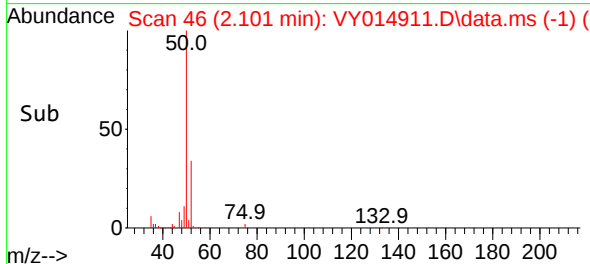
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 50 Resp: 40660
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2

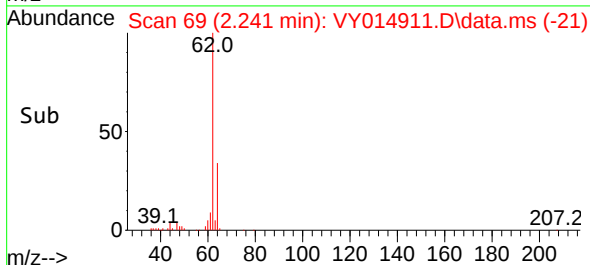
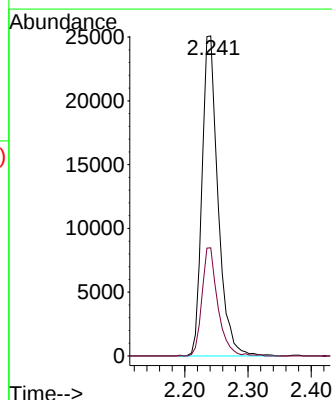
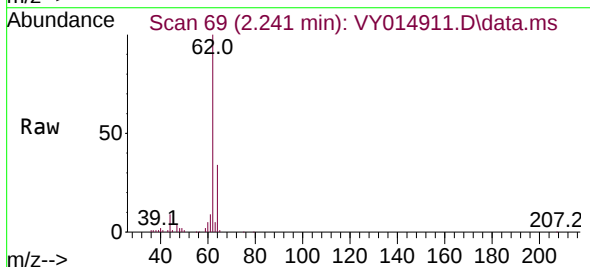
Manual Integrations
APPROVED

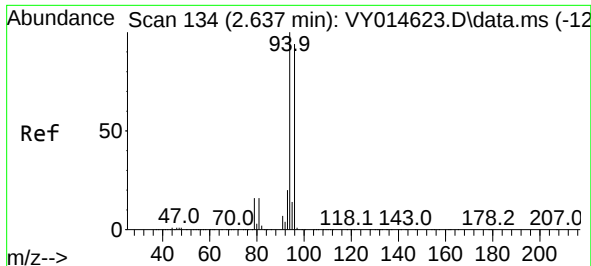
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 23.450 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

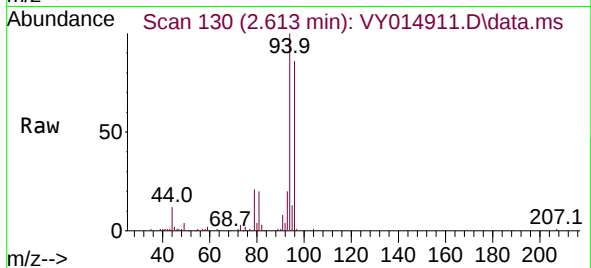
Tgt Ion: 62 Resp: 44201
Ion Ratio Lower Upper
62 100
64 33.8 24.3 36.5





#5
Bromomethane
Concen: 23.915 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

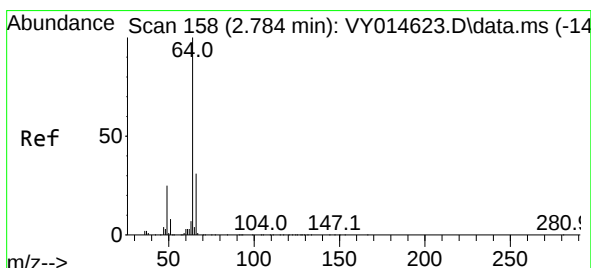
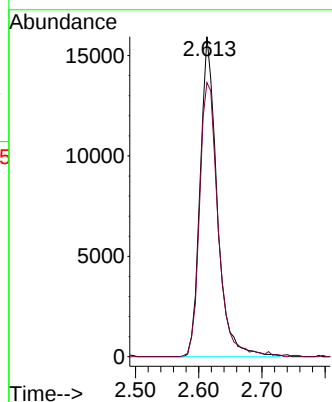
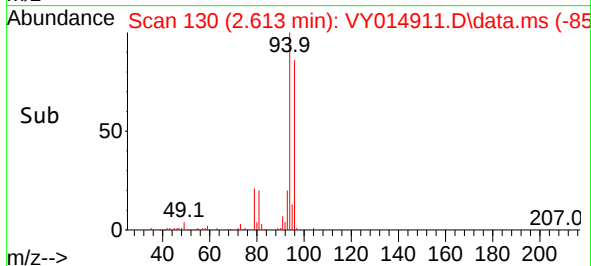
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 94 Resp: 29790
Ion Ratio Lower Upper
94 100
96 85.7 75.8 113.6

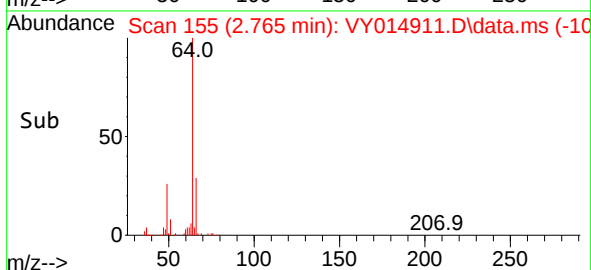
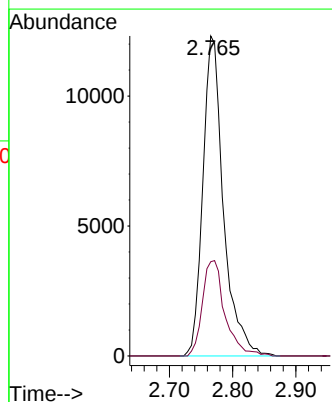
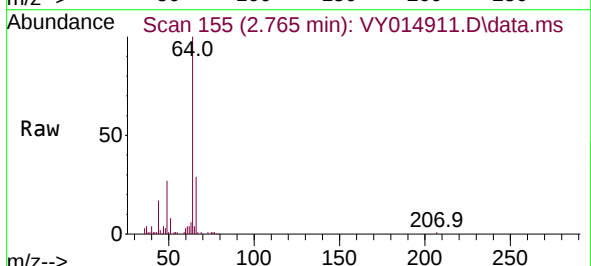
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 23.671 ug/l
RT: 2.765 min Scan# 155
Delta R.T. -0.019 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

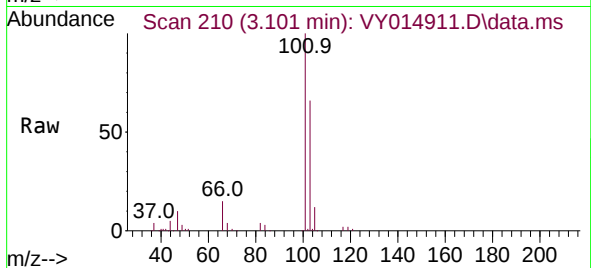
Tgt Ion: 64 Resp: 27871
Ion Ratio Lower Upper
64 100
66 29.5 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 20.074 ug/l
 RT: 3.101 min Scan# 212
 Delta R.T. -0.012 min
 Lab File: VY014911.D
 Acq: 28 Jul 2023 16:07

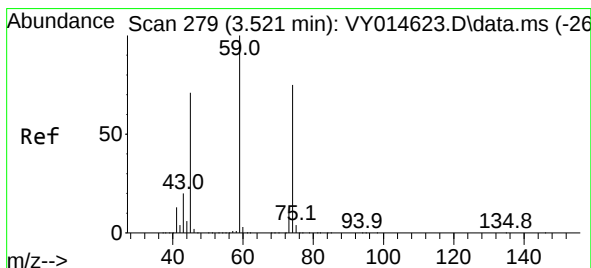
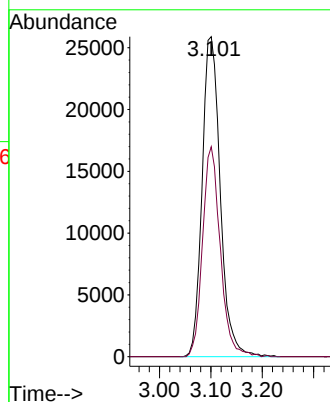
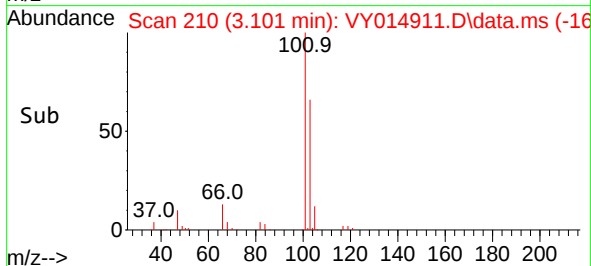
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS04



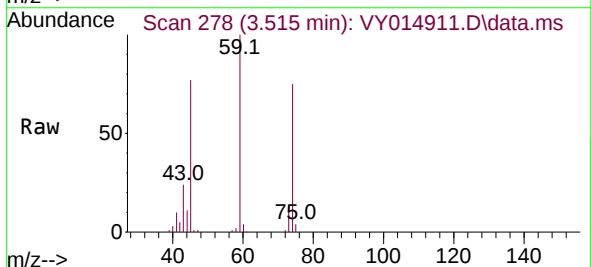
Tgt Ion: 101 Resp: 63548
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.0

Manual Integrations
 APPROVED

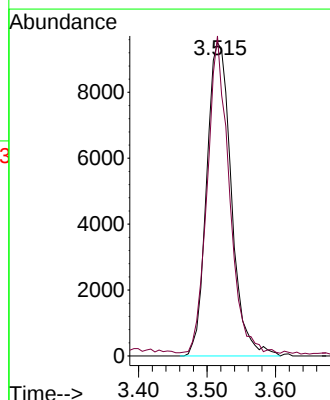
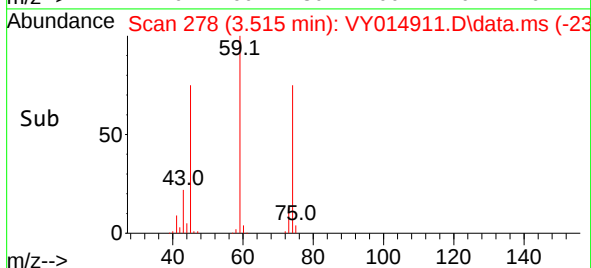
Reviewed By : John Carlone 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

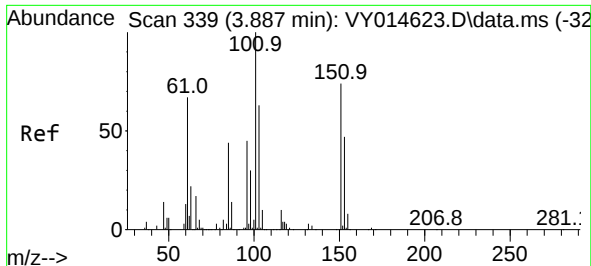


#8
 Diethyl Ether
 Concen: 20.174 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. -0.006 min
 Lab File: VY014911.D
 Acq: 28 Jul 2023 16:07



Tgt Ion: 74 Resp: 23763
 Ion Ratio Lower Upper
 74 100
 45 89.8 51.5 154.5





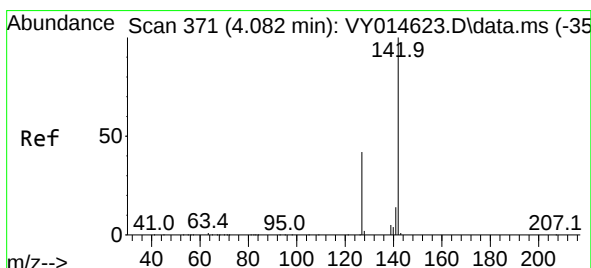
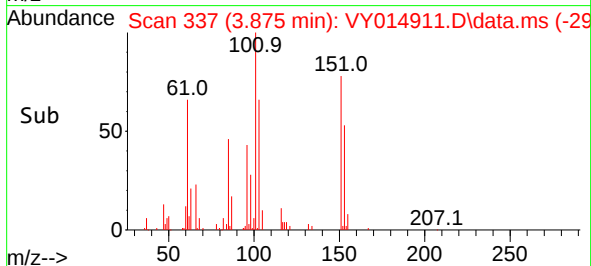
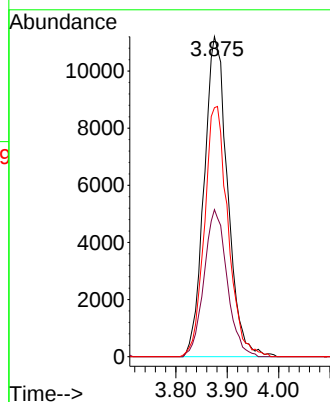
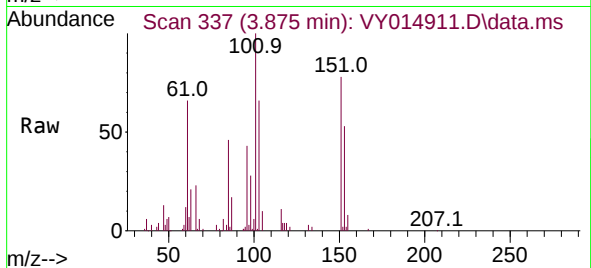
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.319 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion:101 Resp: 35540
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 78.5 67.0 100.6

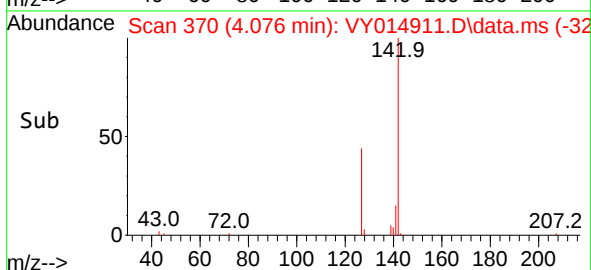
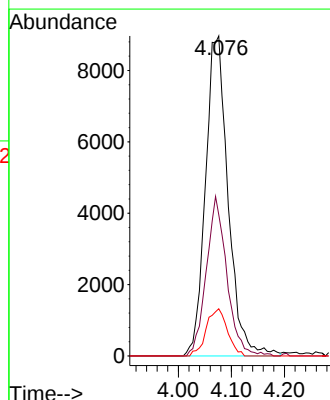
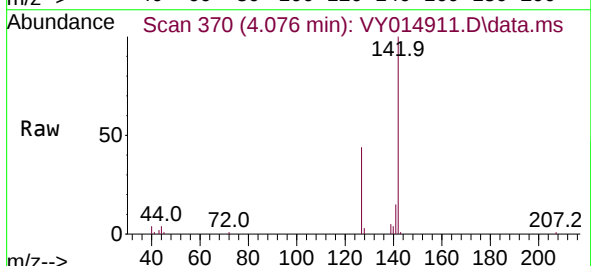
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Methyl Iodide
Concen: 14.689 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion:142 Resp: 26601
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 13.7 11.8 17.8





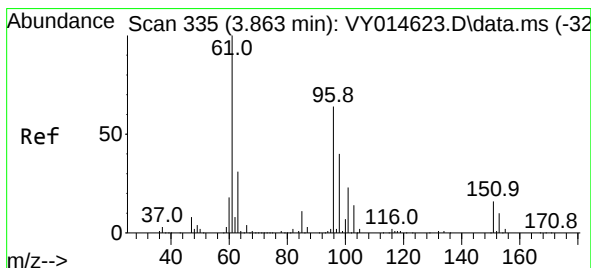
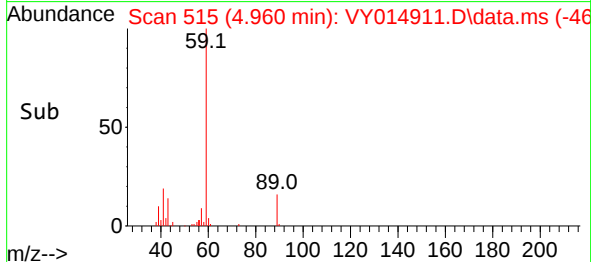
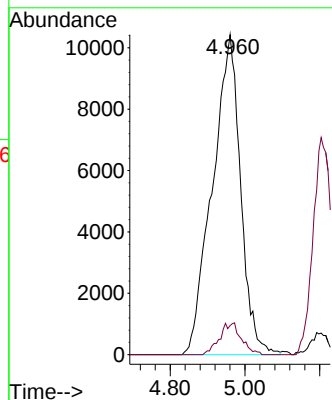
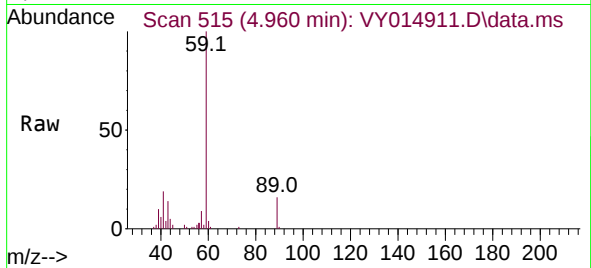
#11
Tert butyl alcohol
Concen: 114.835 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion: 59 Resp: 5454
Ion Ratio Lower Upper
59 100
57 3.4 3.0 4.4

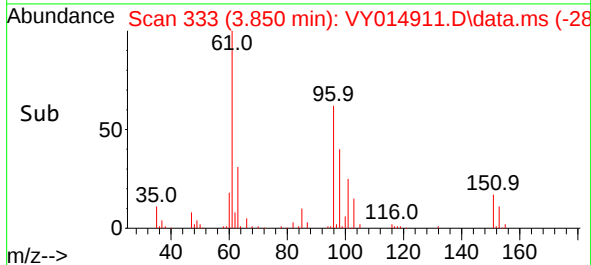
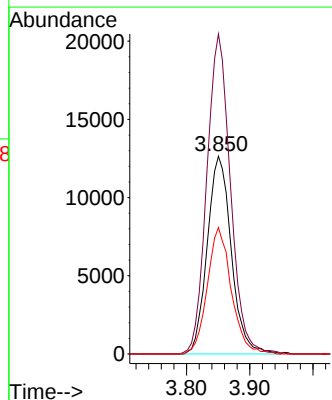
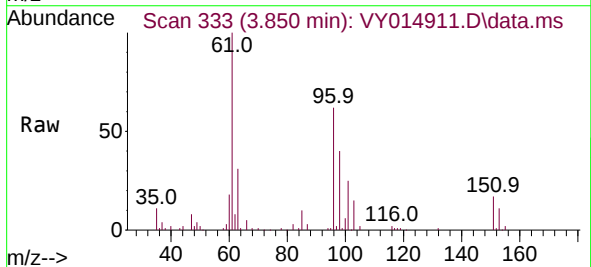
Manual Integrations
APPROVED

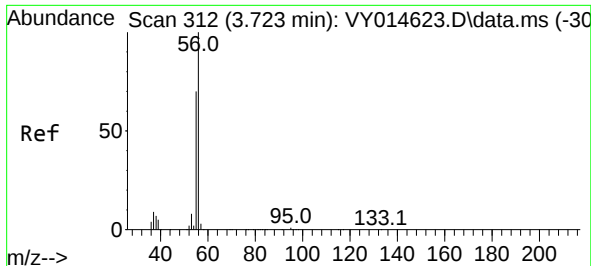
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#12
1,1-Dichloroethene
Concen: 18.452 ug/l
RT: 3.850 min Scan# 333
Delta R.T. -0.013 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 96 Resp: 33463
Ion Ratio Lower Upper
96 100
61 161.8 136.4 204.6
98 63.9 49.4 74.2





#13

Acrolein

Concen: 89.147 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.007 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

Tgt Ion: 56 Resp: 19554

Ion Ratio Lower Upper

56 100

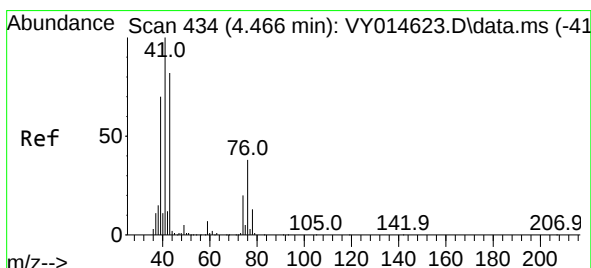
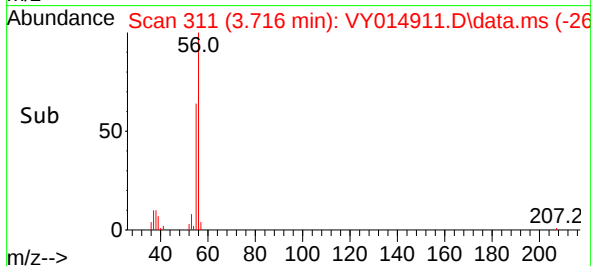
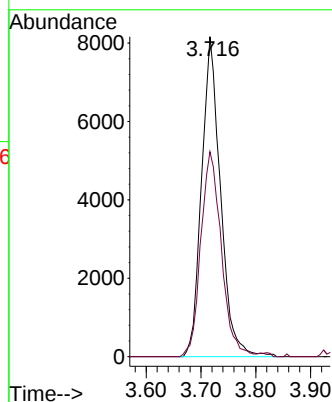
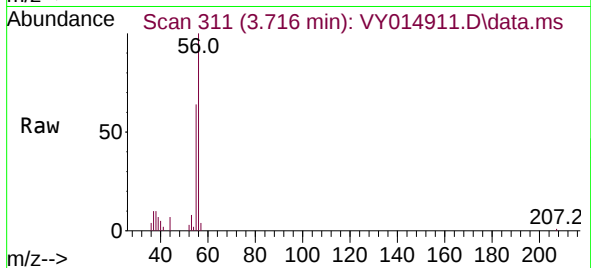
55 69.4 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#14

Allyl chloride

Concen: 17.279 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

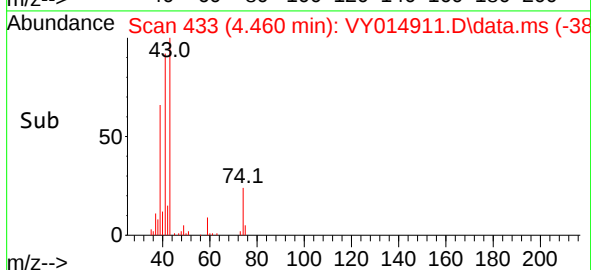
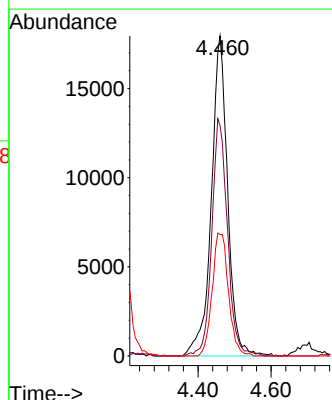
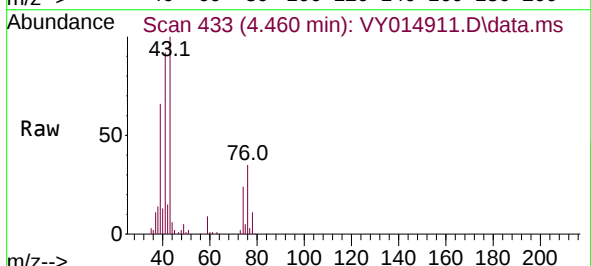
Tgt Ion: 41 Resp: 55639

Ion Ratio Lower Upper

41 100

39 71.0 58.0 87.0

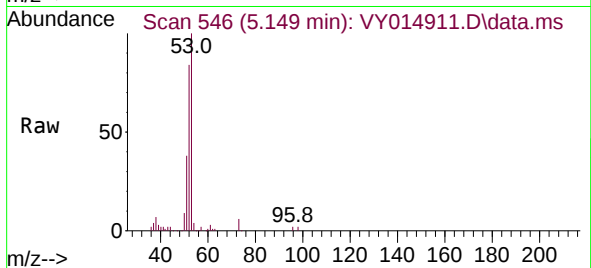
76 38.2 27.4 41.2





#15
Acrylonitrile
Concen: 116.791 ug/l
RT: 5.149 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

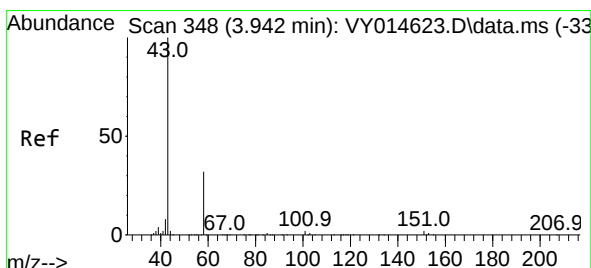
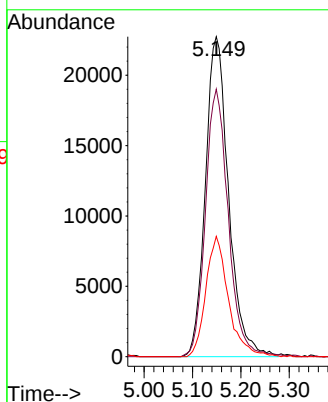
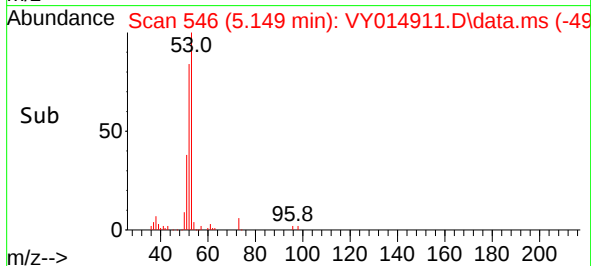
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 53 Resp: 75859
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 36.7 29.8 44.6

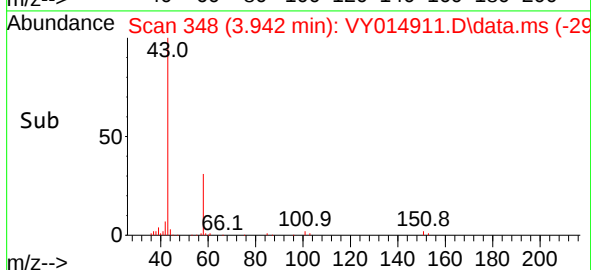
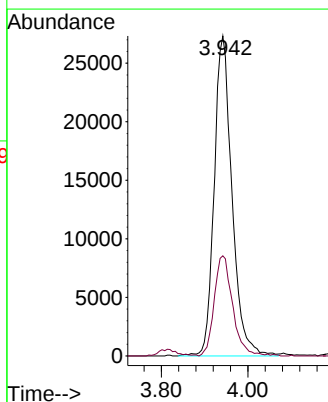
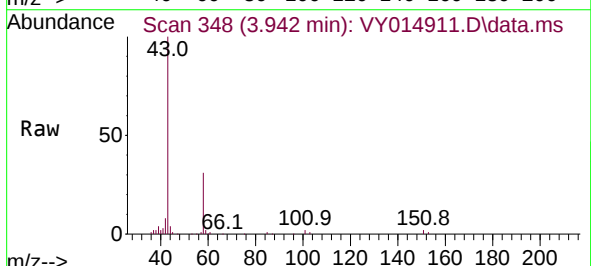
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
Acetone
Concen: 117.601 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

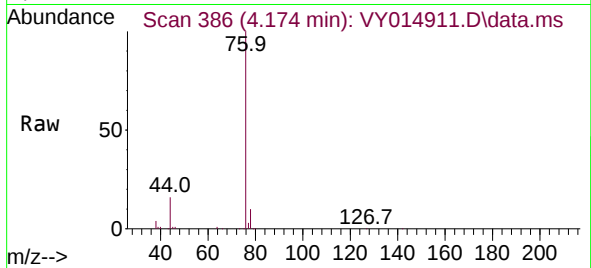
Tgt Ion: 43 Resp: 78207
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1





#17
Carbon Disulfide
Concen: 16.809 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.012 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

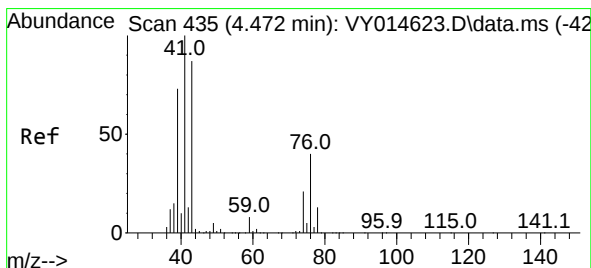
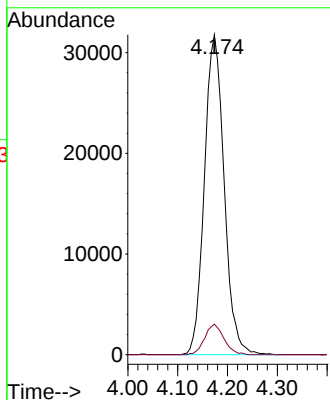
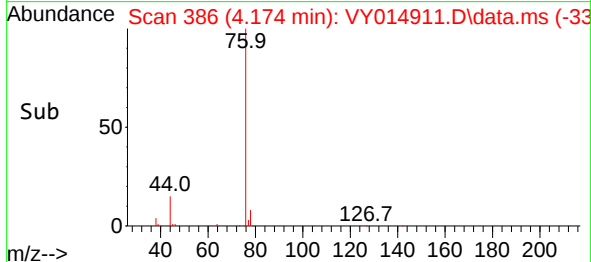
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 76 Resp: 87274
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4

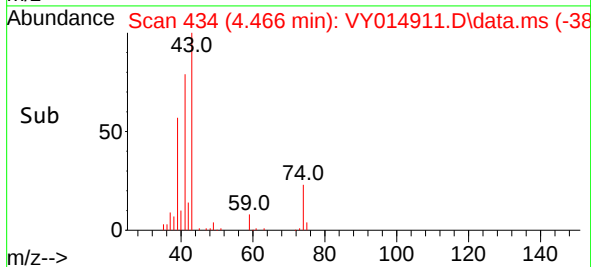
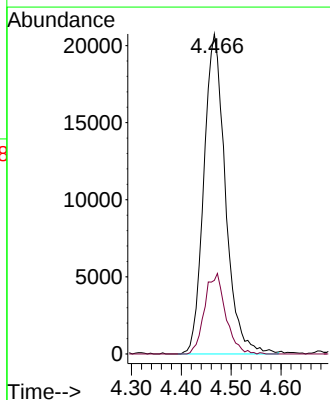
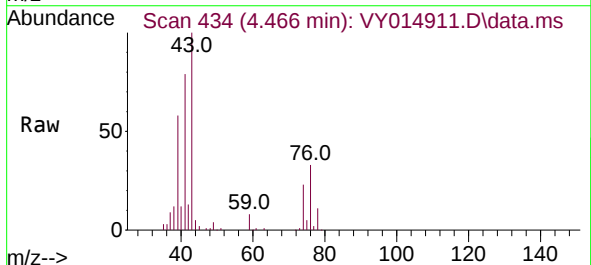
Manual Integrations
APPROVED

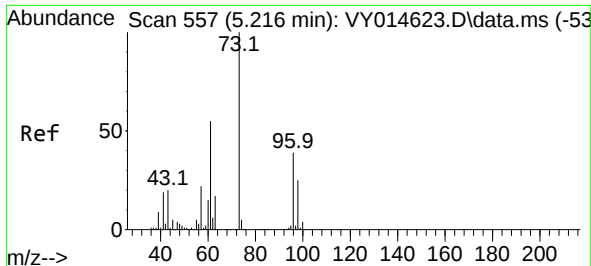
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
Methyl Acetate
Concen: 24.430 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

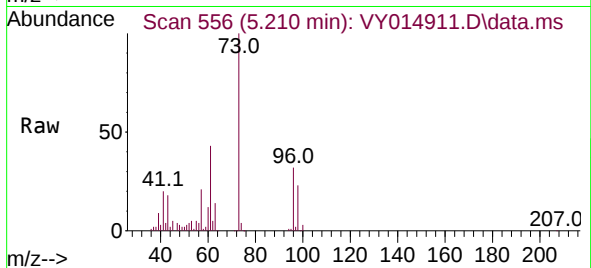
Tgt Ion: 43 Resp: 62345
Ion Ratio Lower Upper
43 100
74 24.5 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 20.458 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

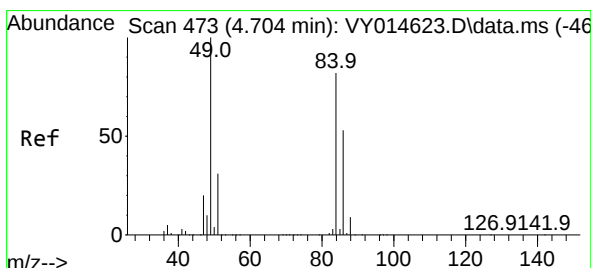
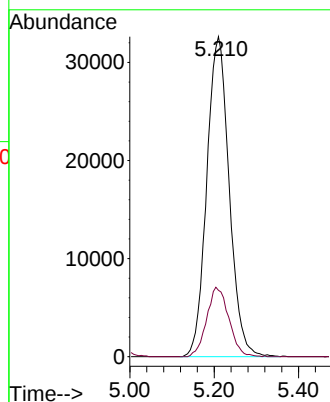
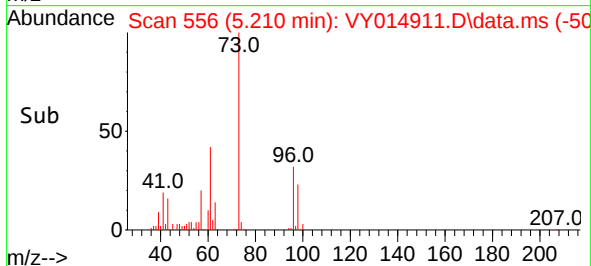
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 73 Resp: 120518
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

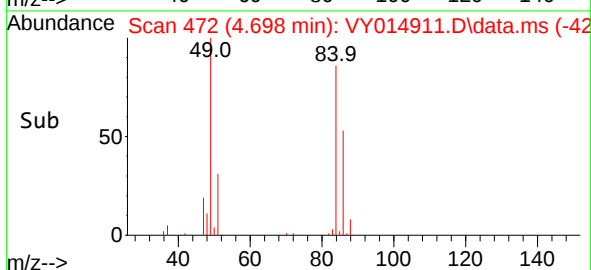
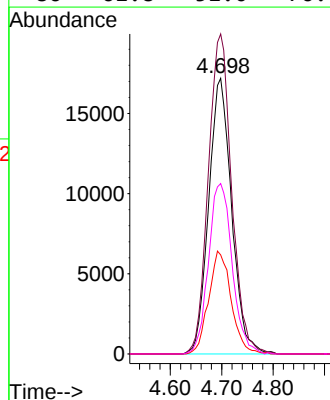
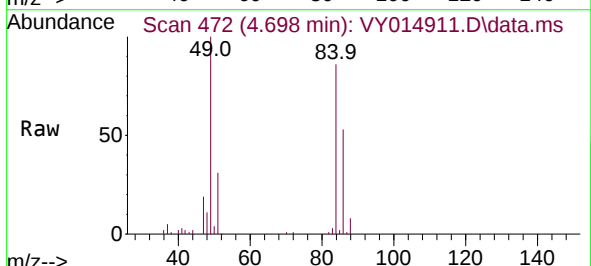
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20
Methylene Chloride
Concen: 22.364 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

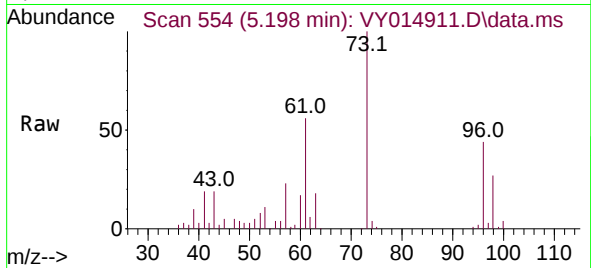
Tgt Ion: 84 Resp: 53356
Ion Ratio Lower Upper
84 100
49 116.0 106.9 160.3
51 35.9 33.2 49.8
86 61.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.839 ug/l
RT: 5.198 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

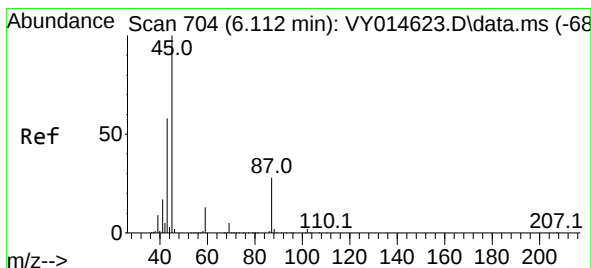
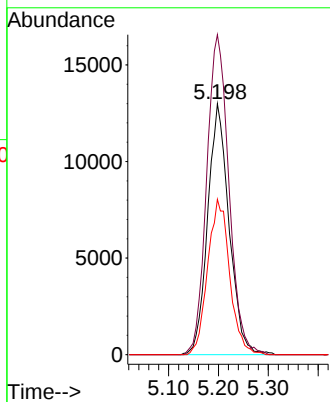
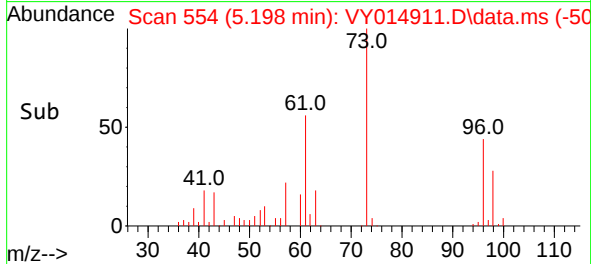
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 96 Resp: 38772
Ion Ratio Lower Upper
96 100
61 127.5 110.2 165.4
98 61.9 51.8 77.6

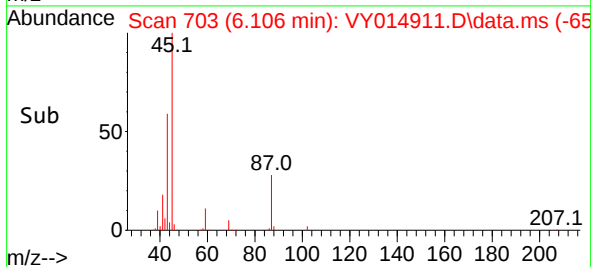
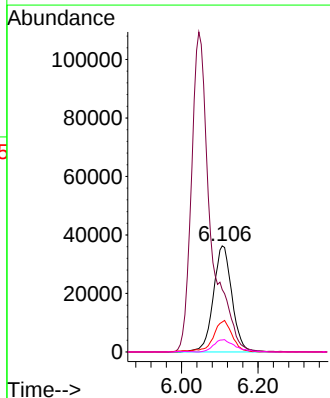
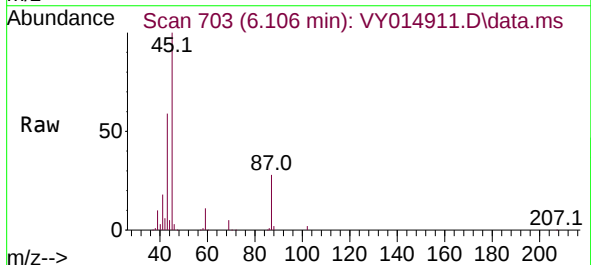
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
Diisopropyl ether
Concen: 18.748 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

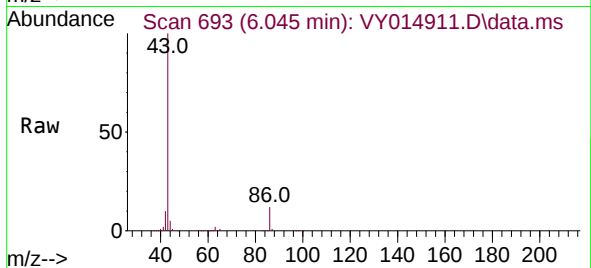
Tgt Ion: 45 Resp: 122737
Ion Ratio Lower Upper
45 100
43 58.4 52.2 78.4
87 28.2 21.0 31.6
59 11.3 8.9 13.3





#23
 Vinyl Acetate
 Concen: 96.365 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY014911.D
 Acq: 28 Jul 2023 16:07

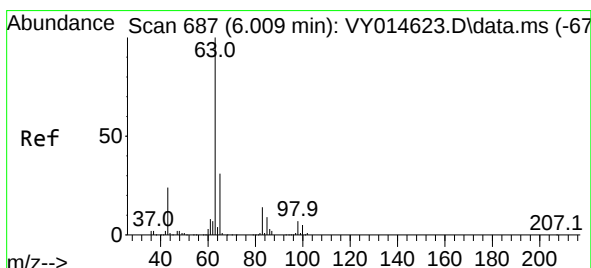
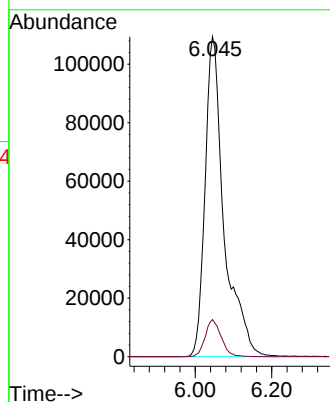
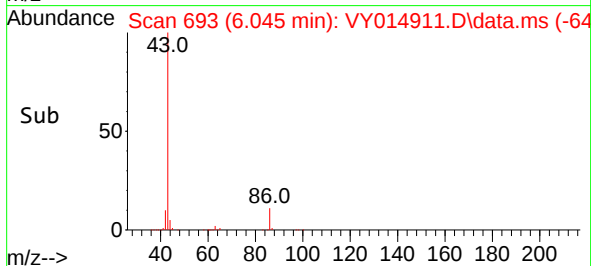
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS04



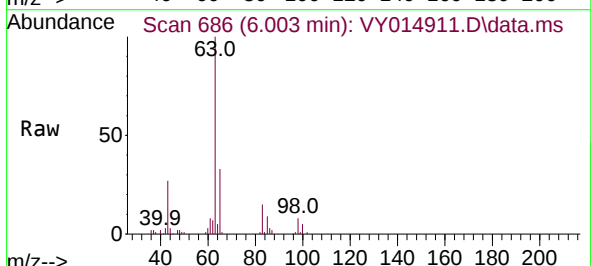
Tgt Ion: 43 Resp: 37752
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3

Manual Integrations
 APPROVED

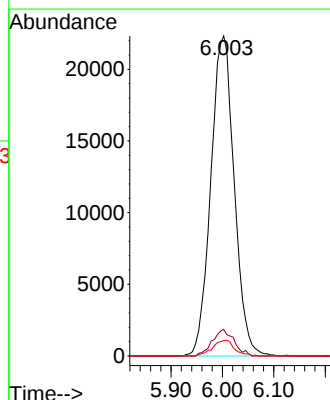
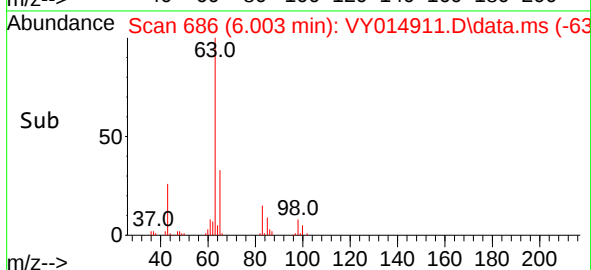
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

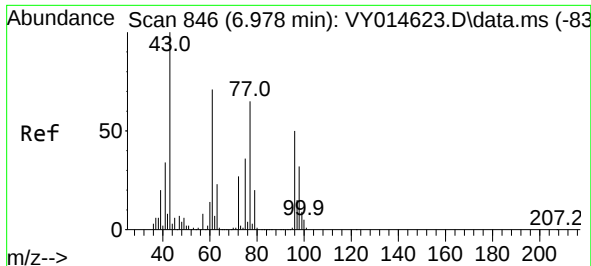


#24
 1,1-Dichloroethane
 Concen: 18.854 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY014911.D
 Acq: 28 Jul 2023 16:07



Tgt Ion: 63 Resp: 70624
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 4.8 1.8 5.5





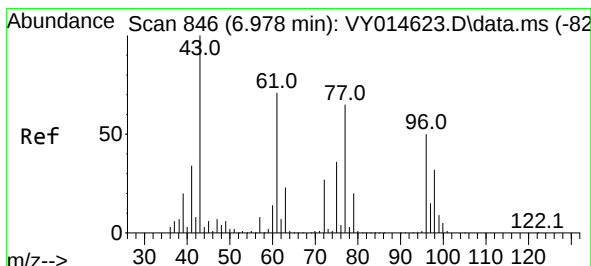
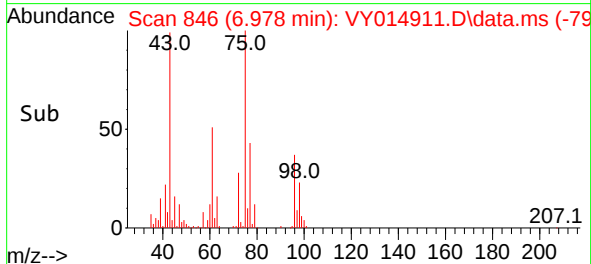
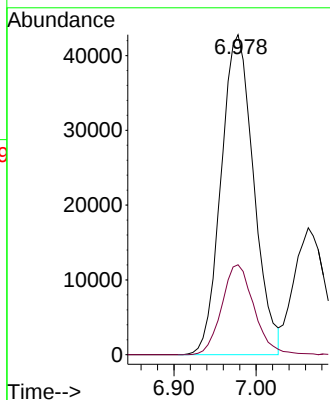
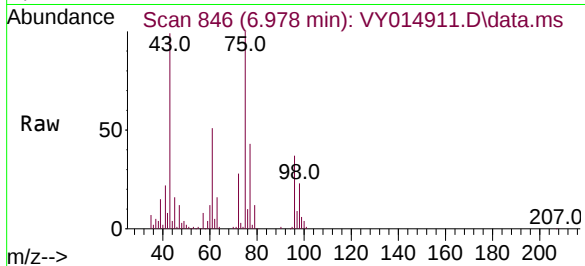
#25
2-Butanone
Concen: 121.388 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion: 43 Resp: 11810
Ion Ratio Lower Upper
43 100
72 28.1 20.5 30.7

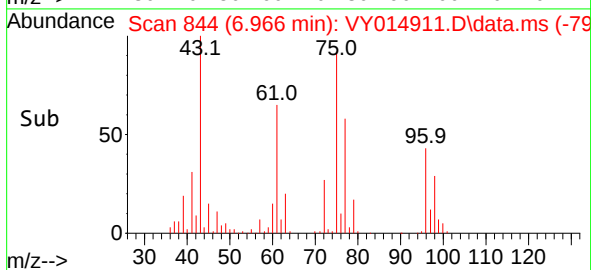
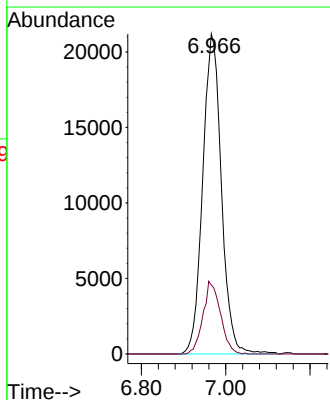
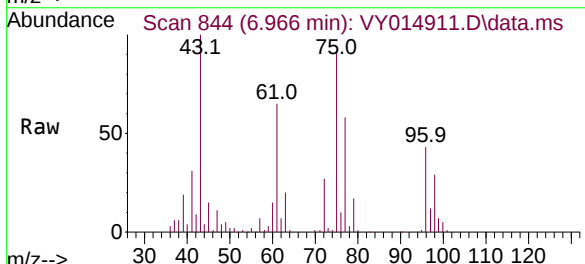
Manual Integrations
APPROVED

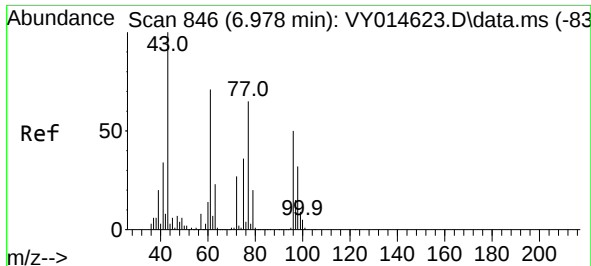
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
2,2-Dichloropropane
Concen: 18.319 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 77 Resp: 65398
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.388 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

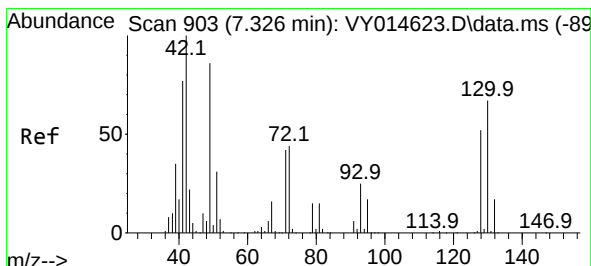
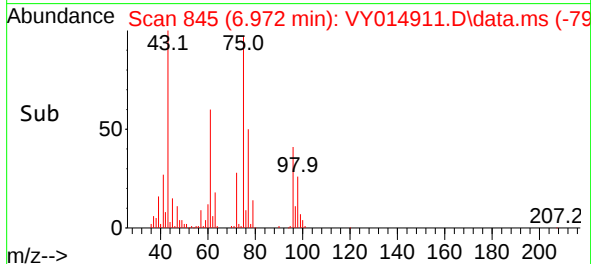
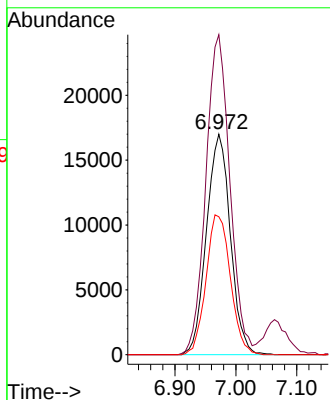
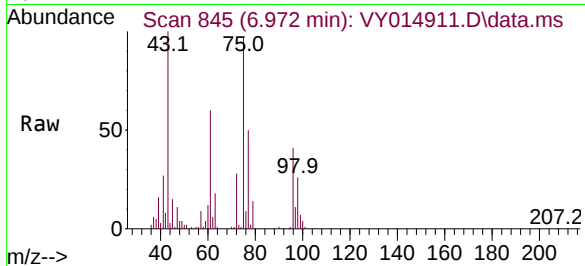
Tgt Ion:	96	Resp:	4644
Ion Ratio	Lower	Upper	
96	100		
61	145.8	0.0	301.4
98	64.6	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

Bromochloromethane

Concen: 22.343 ug/l

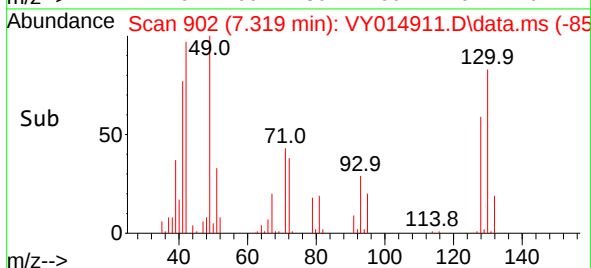
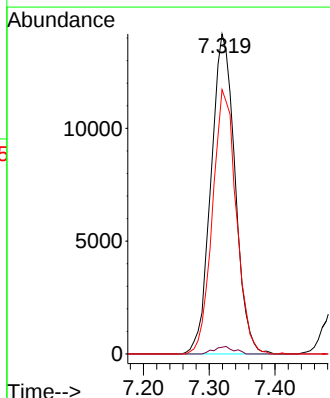
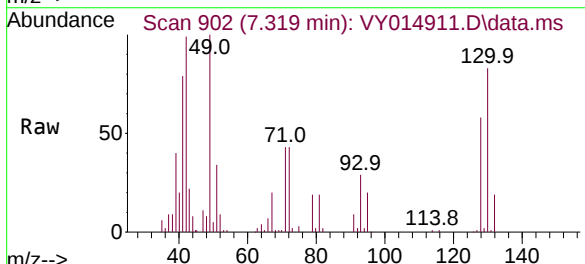
RT: 7.319 min Scan# 902

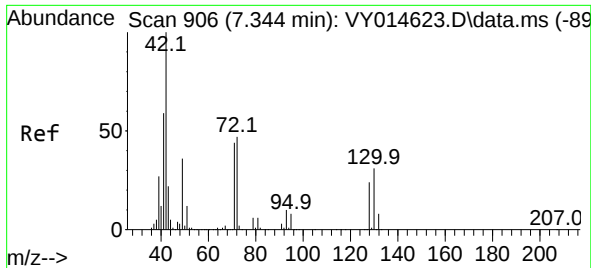
Delta R.T. -0.007 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Tgt Ion:	49	Resp:	36045
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	4.6
130	81.5	60.7	91.1





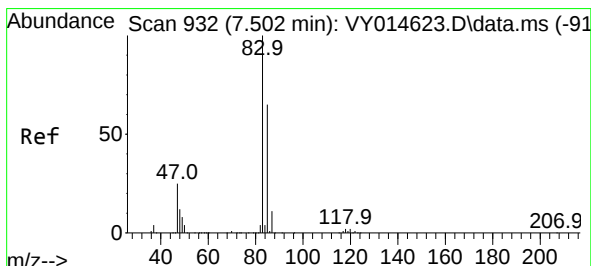
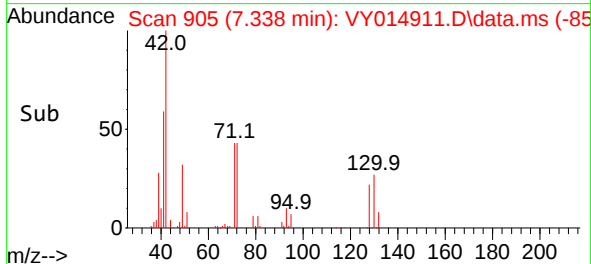
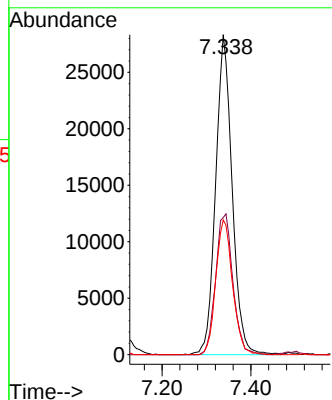
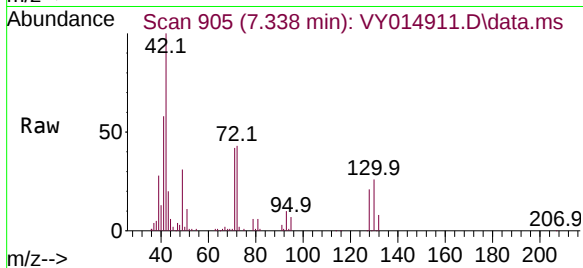
#29
Tetrahydrofuran
Concen: 121.627 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion: 42 Resp: 72864
Ion Ratio Lower Upper
42 100
72 46.2 32.8 49.2
71 42.8 31.0 46.4

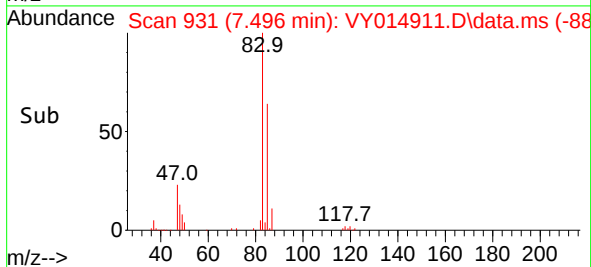
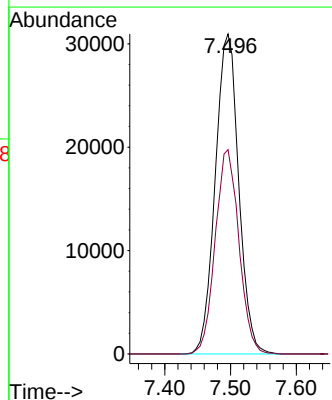
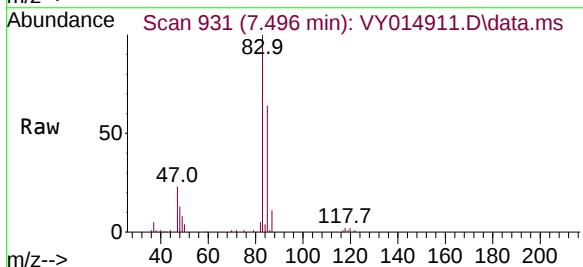
Manual Integrations
APPROVED

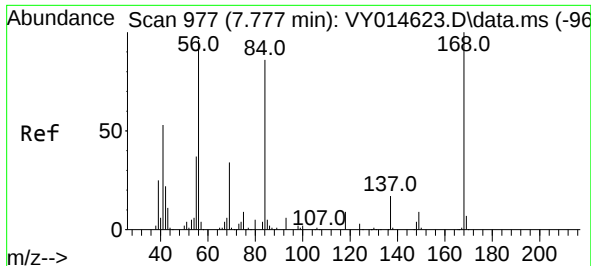
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#30
Chloroform
Concen: 19.887 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

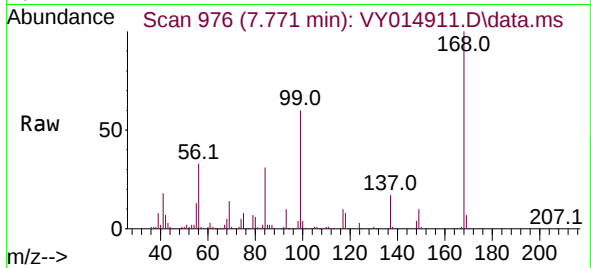
Tgt Ion: 83 Resp: 76818
Ion Ratio Lower Upper
83 100
85 63.9 49.7 74.5





#31
Cyclohexane
Concen: 16.573 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

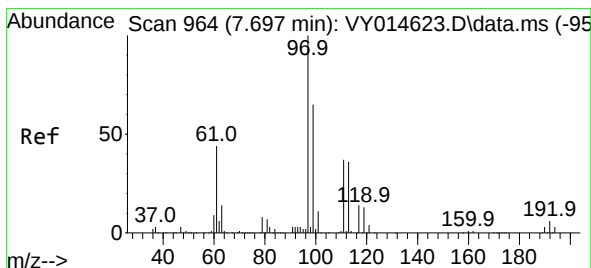
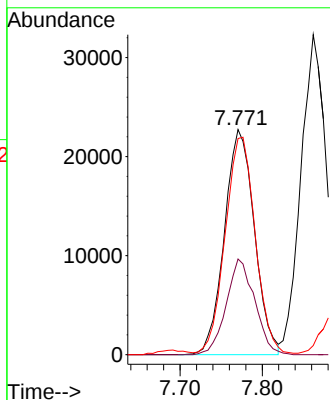
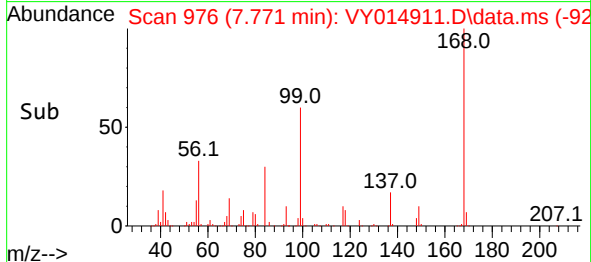
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 56 Resp: 5773
Ion Ratio Lower Upper
56 100
69 42.5 27.8 41.6
84 94.5 66.4 99.6

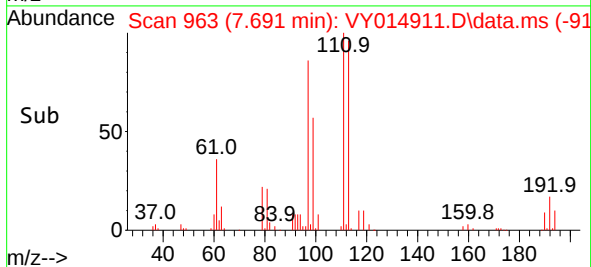
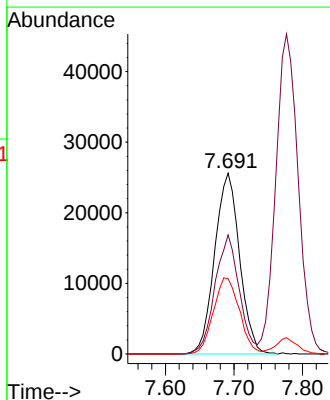
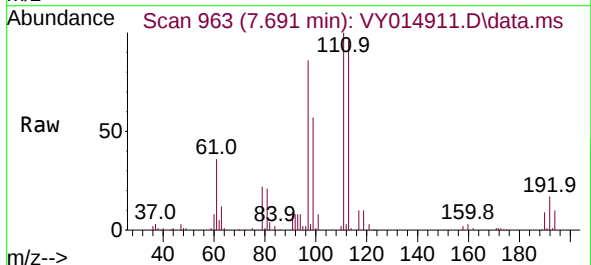
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
1,1,1-Trichloroethane
Concen: 18.583 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 97 Resp: 64606
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 43.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 59.582 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014911.D

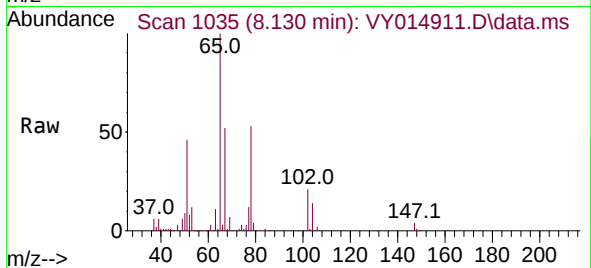
Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04



Tgt Ion: 65 Resp: 125038

Ion Ratio Lower Upper

65 100

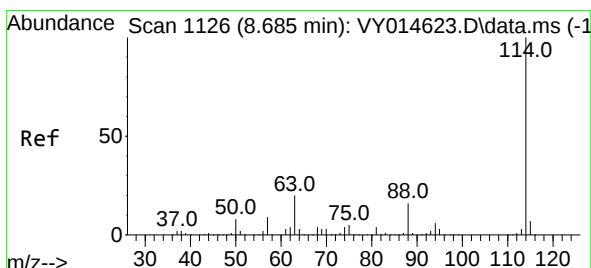
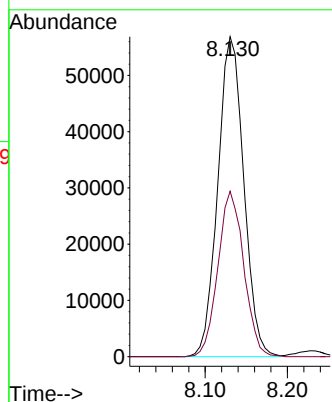
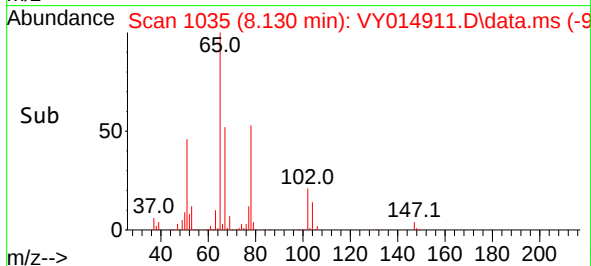
67 51.4 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

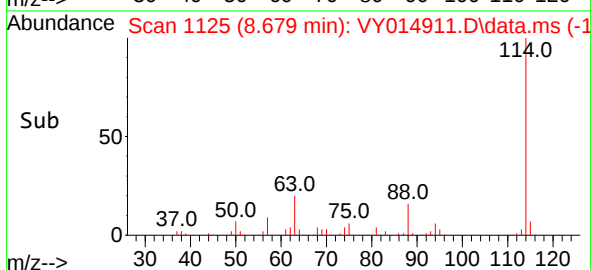
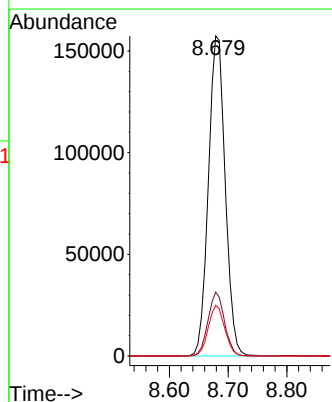
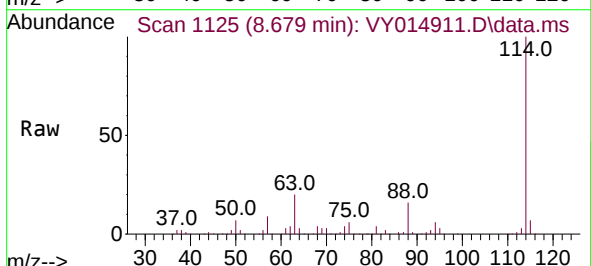
Tgt Ion:114 Resp: 312640

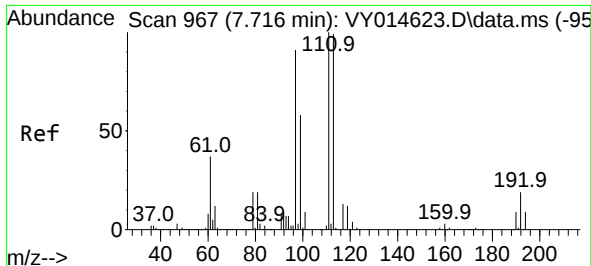
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

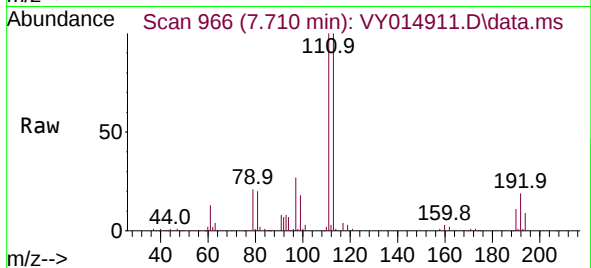
88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.718 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

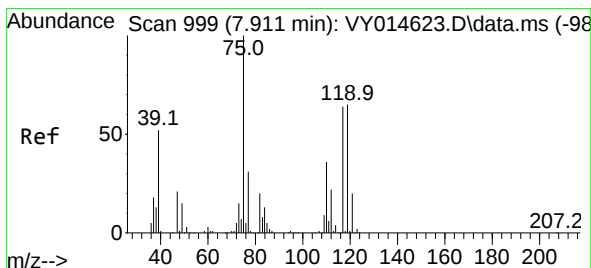
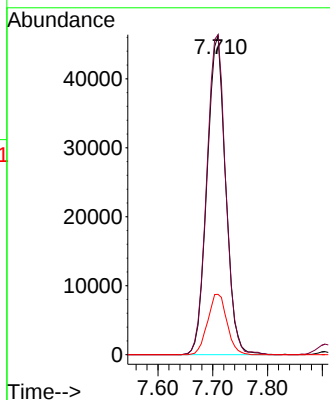
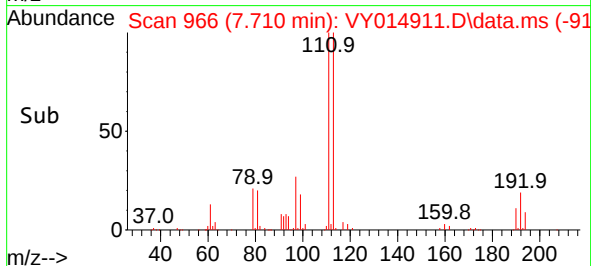
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion:113 Resp: 10889
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.6 16.9 25.3

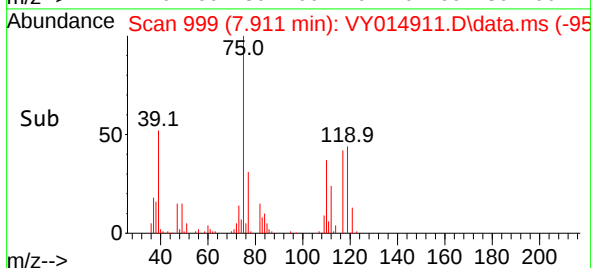
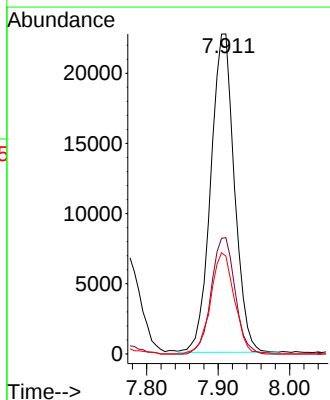
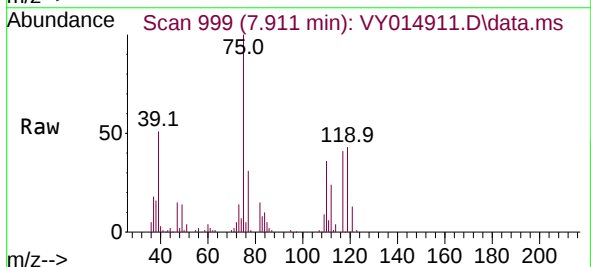
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#36
1,1-Dichloropropene
Concen: 17.518 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

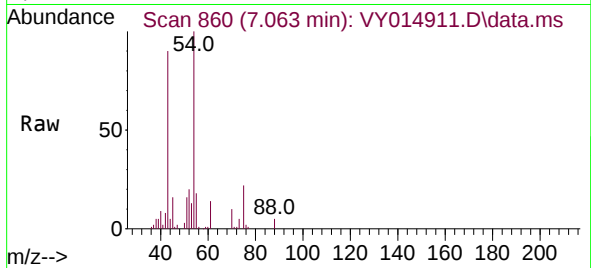
Tgt Ion: 75 Resp: 52137
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 32.2 24.4 36.6





#37
Ethyl Acetate
Concen: 22.708 ug/l
RT: 7.063 min Scan# 80
Delta R.T. -0.007 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

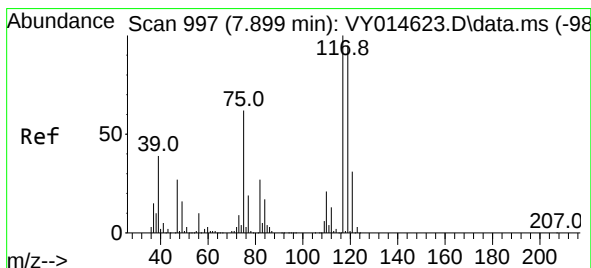
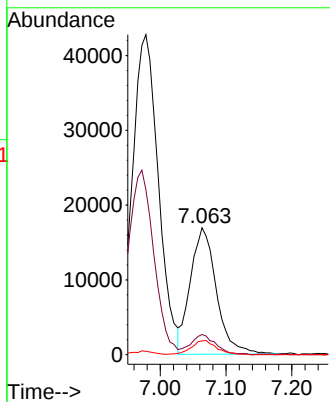
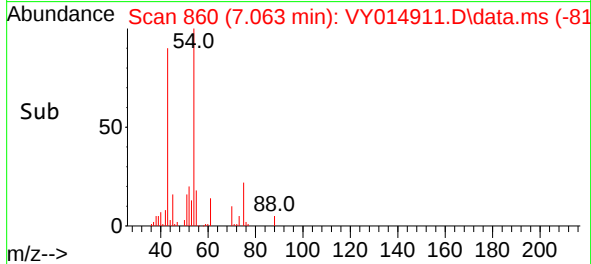
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 43 Resp: 4653
Ion Ratio Lower Upper
43 100
61 14.9 10.1 15.1
70 10.9 7.1 10.7

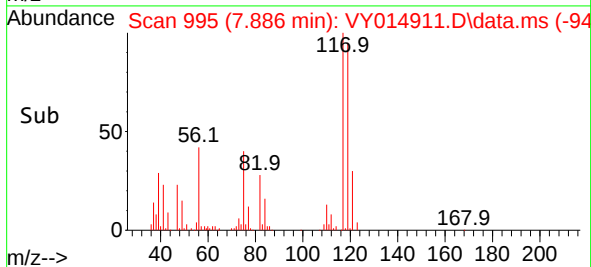
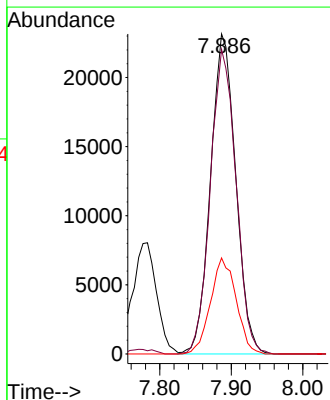
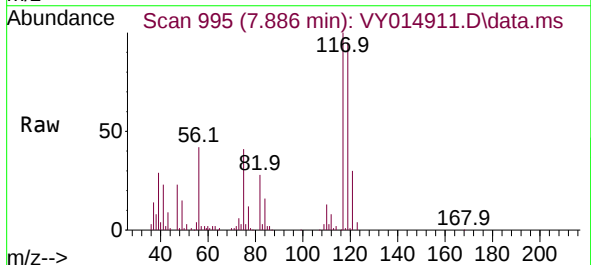
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#38
Carbon Tetrachloride
Concen: 18.014 ug/l
RT: 7.886 min Scan# 995
Delta R.T. -0.013 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion:117 Resp: 56676
Ion Ratio Lower Upper
117 100
119 95.2 76.4 114.6
121 30.0 25.8 38.6





#39

Methylcyclohexane

Concen: 16.165 ug/l

RT: 9.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014911.D

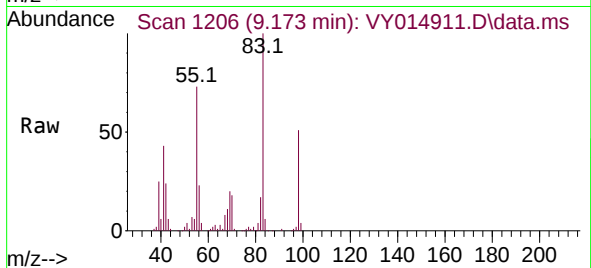
Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04



Tgt Ion: 83 Resp: 6268

Ion Ratio Lower Upper

83 100

55 72.8 63.0 94.4

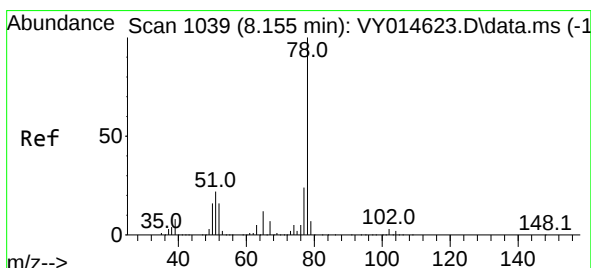
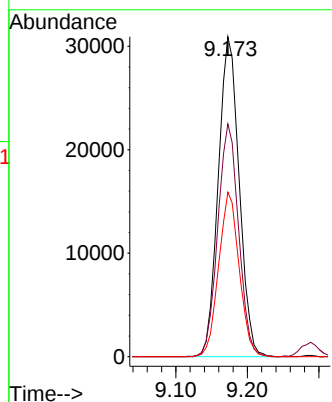
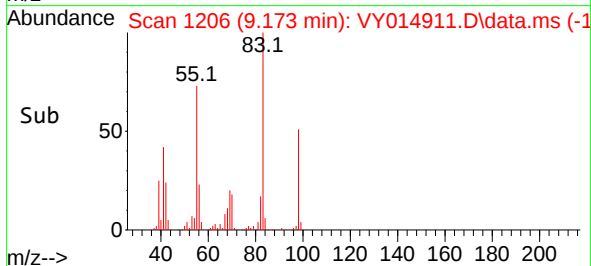
98 51.4 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Benzene

Concen: 18.824 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.007 min

Lab File: VY014911.D

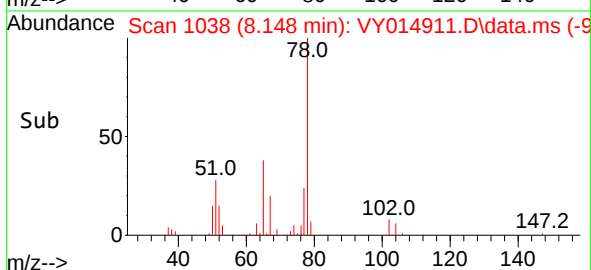
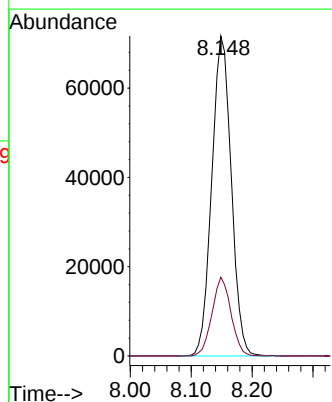
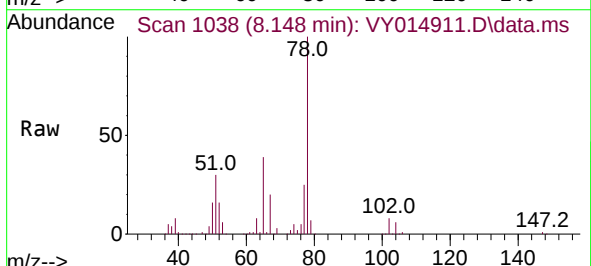
Acq: 28 Jul 2023 16:07

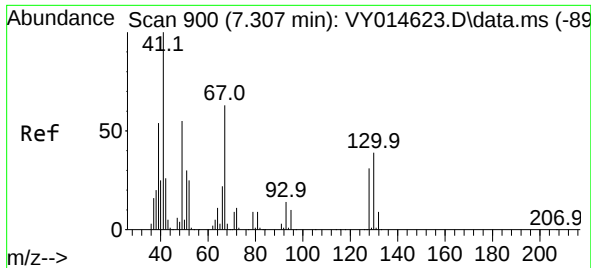
Tgt Ion: 78 Resp: 159341

Ion Ratio Lower Upper

78 100

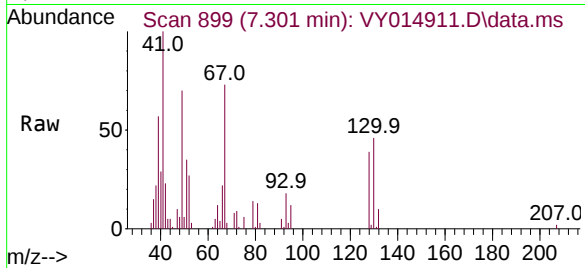
77 24.6 19.0 28.6





#41
Methacrylonitrile
Concen: 23.107 ug/l m
RT: 7.301 min Scan# 89
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

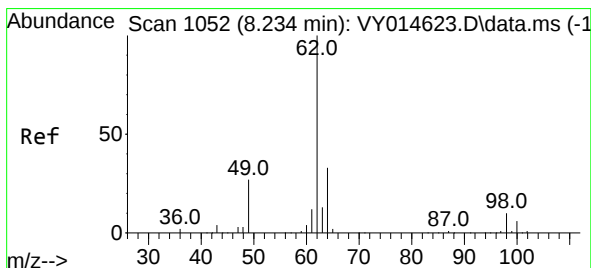
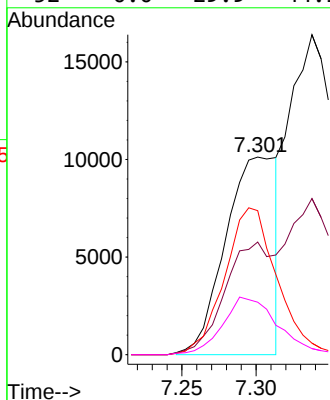
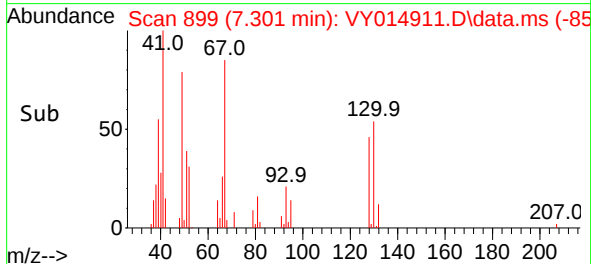
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 41 Resp: 2435
Ion Ratio Lower Upper
41 100
39 79.3 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

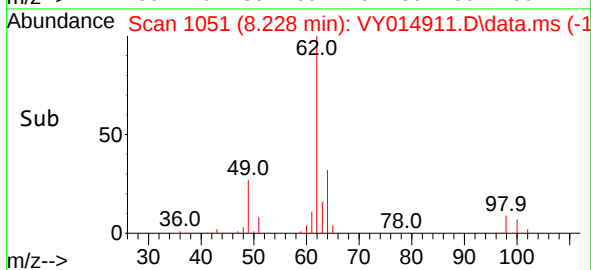
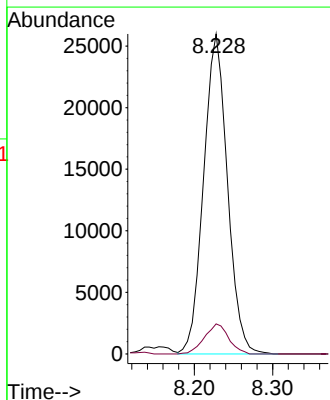
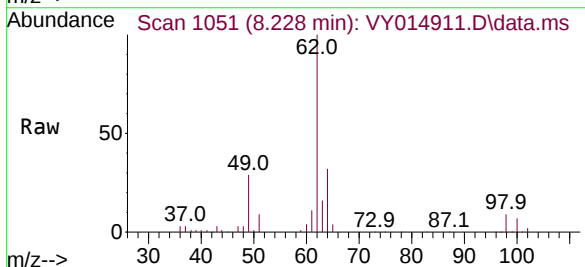
Manual Integrations
APPROVED

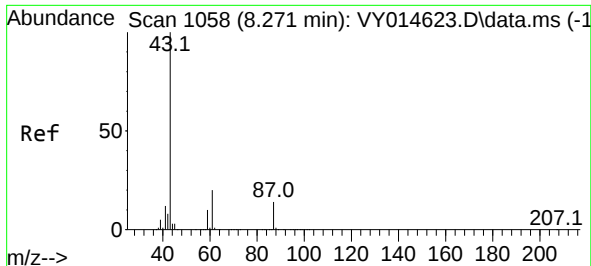
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1,2-Dichloroethane
Concen: 20.470 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

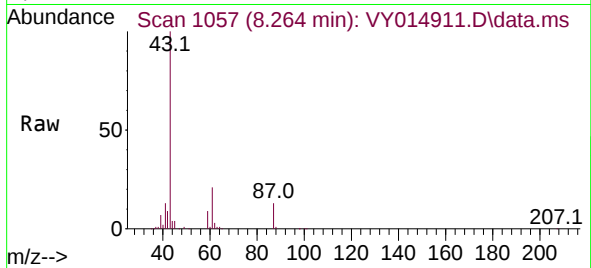
Tgt Ion: 62 Resp: 54871
Ion Ratio Lower Upper
62 100
98 9.5 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.617 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

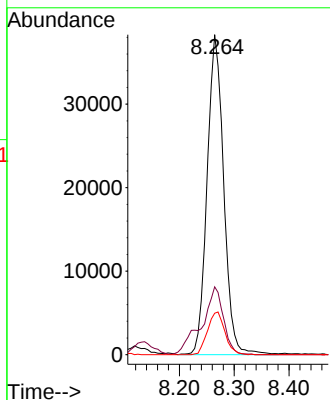
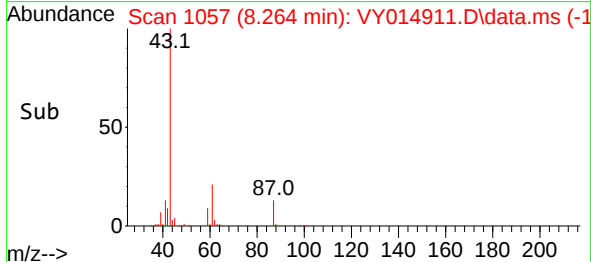
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 43 Resp: 8047
Ion Ratio Lower Upper
43 100
61 28.0 21.1 31.7
87 13.9 9.8 14.8

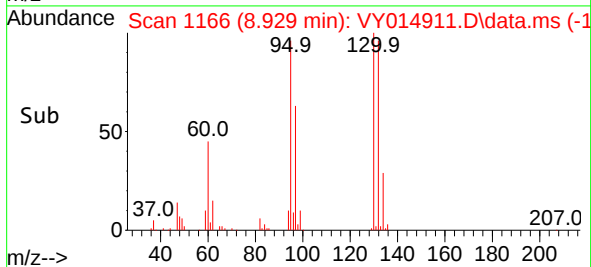
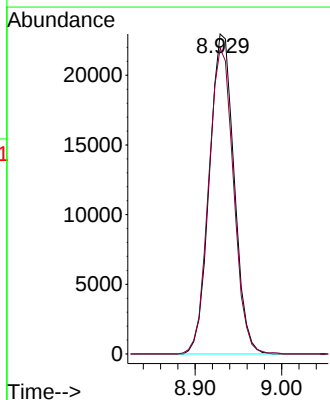
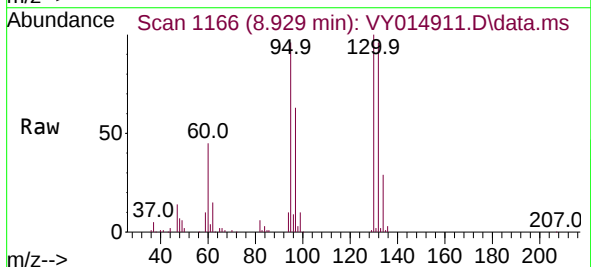
Manual Integrations
APPROVED

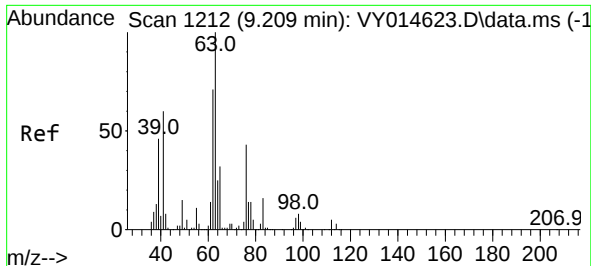
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#44
Trichloroethene
Concen: 19.139 ug/l
RT: 8.929 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion:130 Resp: 45328
Ion Ratio Lower Upper
130 100
95 95.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.634 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

Tgt Ion: 63 Resp: 4118

Ion Ratio Lower Upper

63 100

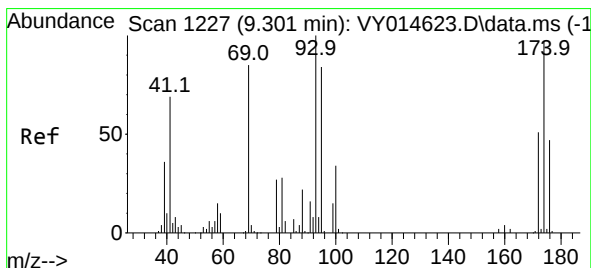
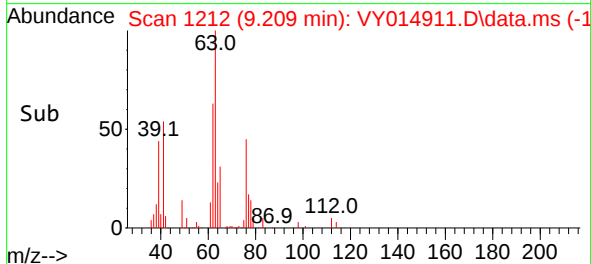
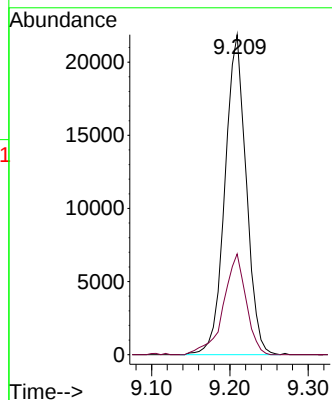
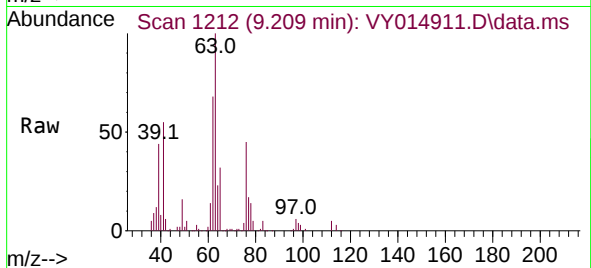
65 31.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#46

Dibromomethane

Concen: 20.530 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

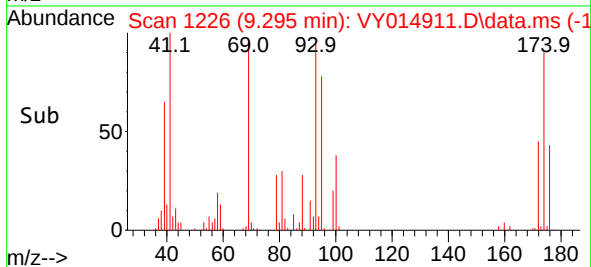
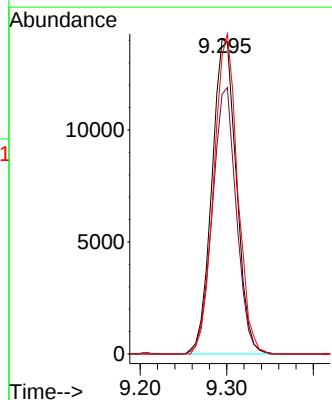
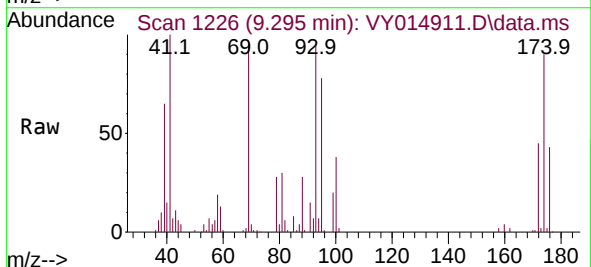
Tgt Ion: 93 Resp: 27528

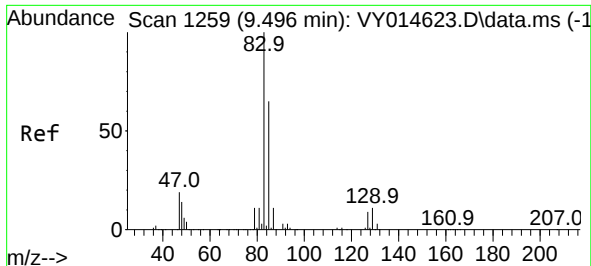
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 98.6 84.8 127.2





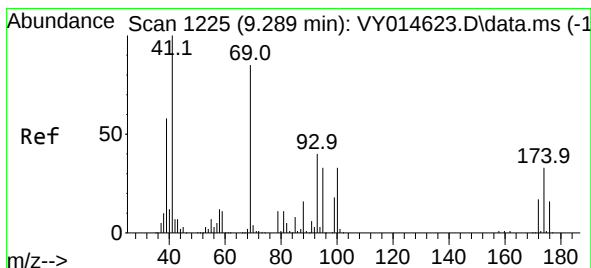
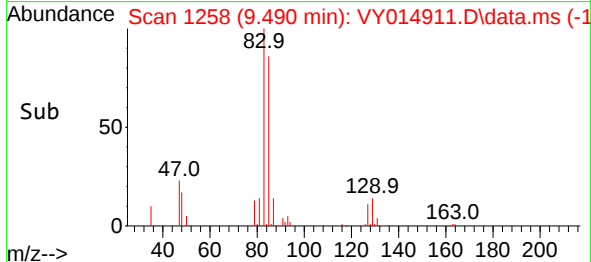
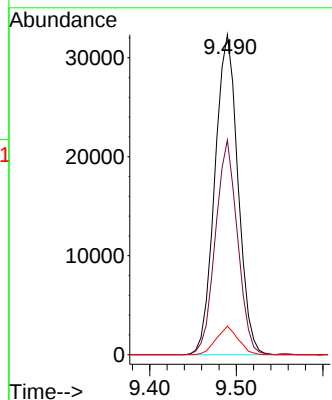
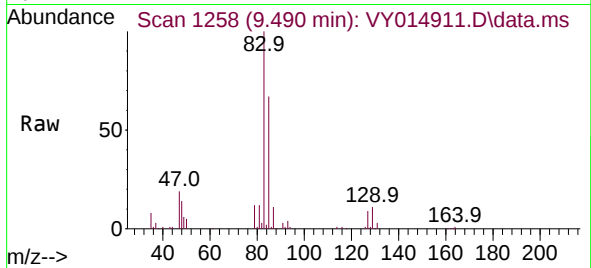
#47
Bromodichloromethane
Concen: 18.939 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion: 83 Resp: 59854
Ion Ratio Lower Upper
83 100
85 67.1 50.1 75.1
127 8.9 7.1 10.7

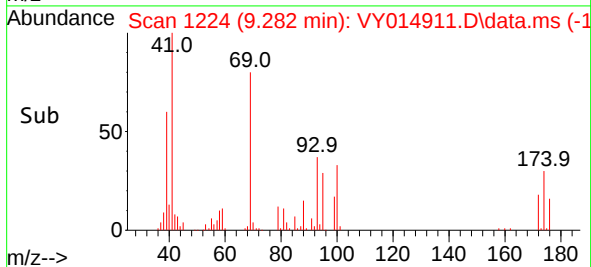
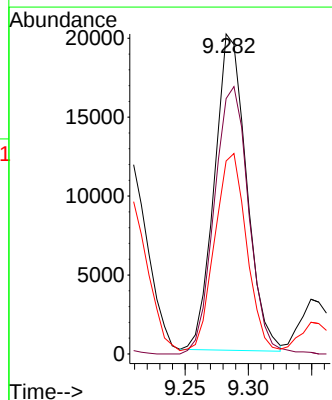
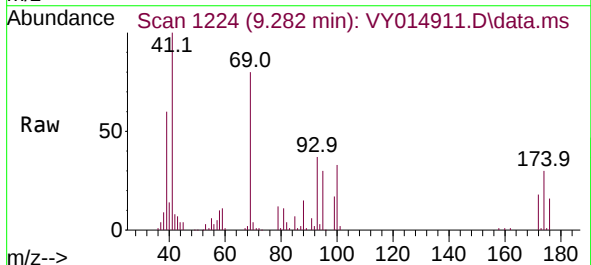
Manual Integrations
APPROVED

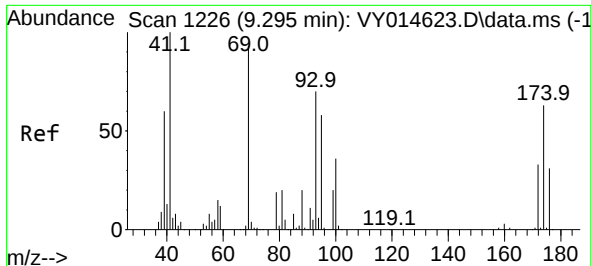
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48
Methyl methacrylate
Concen: 20.133 ug/l
RT: 9.282 min Scan# 1224
Delta R.T. -0.007 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 41 Resp: 35362
Ion Ratio Lower Upper
41 100
69 90.6 64.5 96.7
39 64.4 50.8 76.2





#49

1,4-Dioxane

Concen: 493.314 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

Tgt Ion: 88 Resp: 10780

Ion Ratio Lower Upper

88 100

43 30.2 0.0 0.0

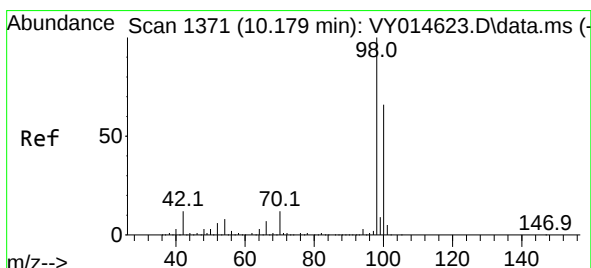
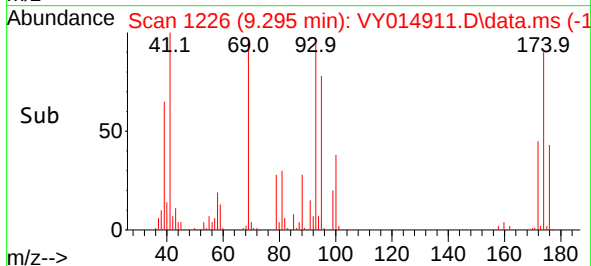
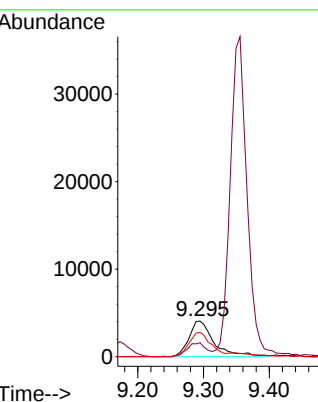
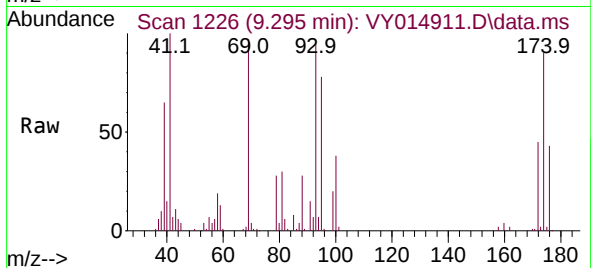
58 60.4 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

Toluene-d8

Concen: 52.863 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY014911.D

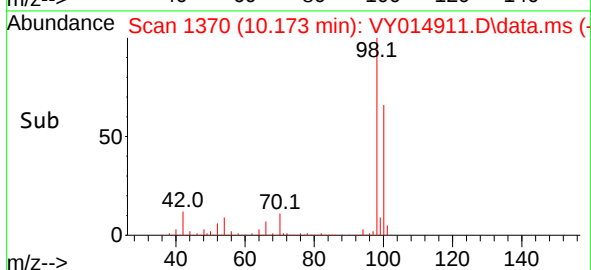
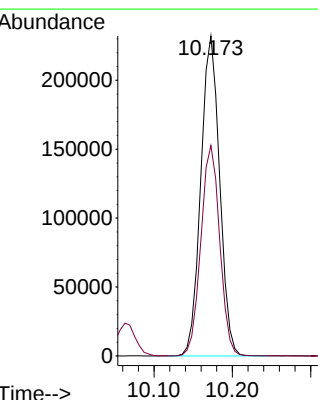
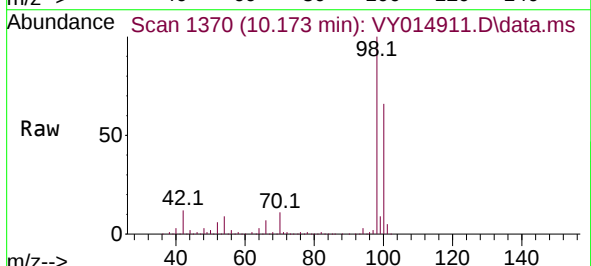
Acq: 28 Jul 2023 16:07

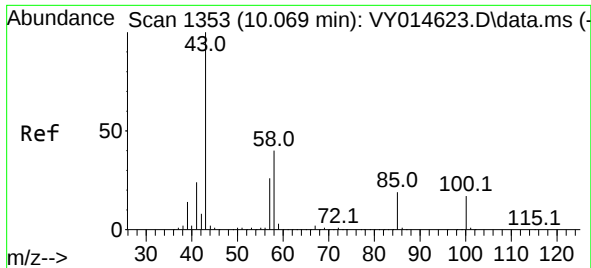
Tgt Ion: 98 Resp: 387874

Ion Ratio Lower Upper

98 100

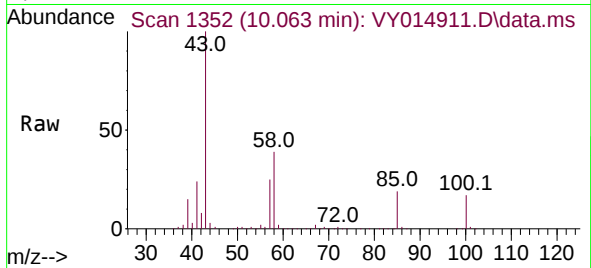
100 65.6 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 113.953 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

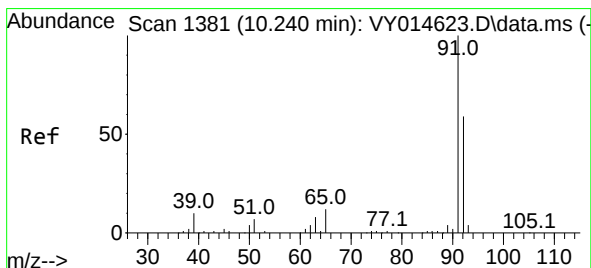
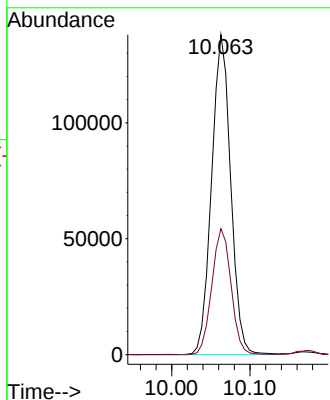
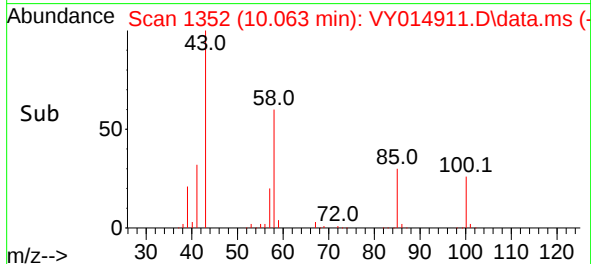
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 43 Resp: 233540
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.6

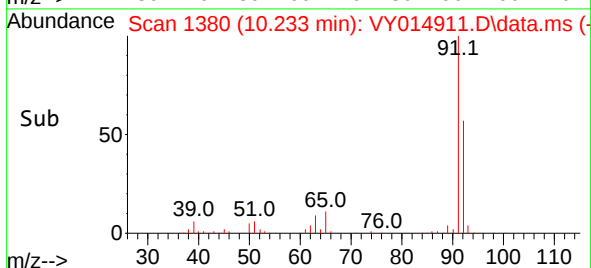
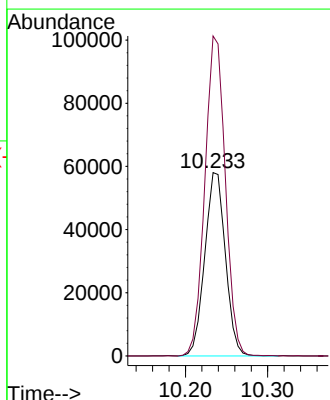
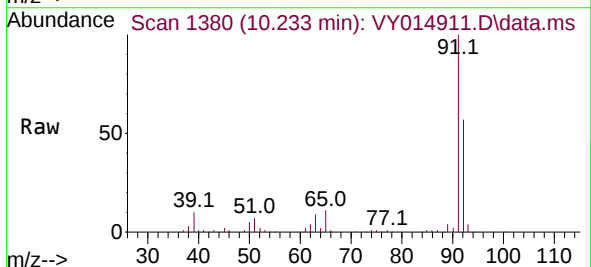
Manual Integrations
APPROVED

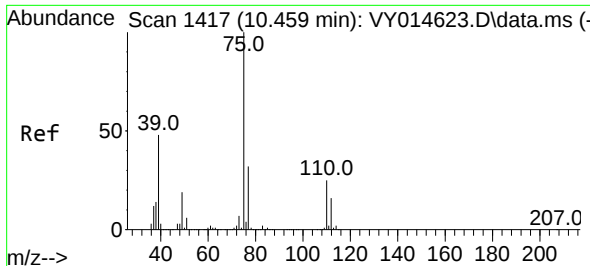
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#52
Toluene
Concen: 18.684 ug/l
RT: 10.233 min Scan# 1380
Delta R.T. -0.007 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 92 Resp: 101201
Ion Ratio Lower Upper
92 100
91 173.1 143.8 215.6





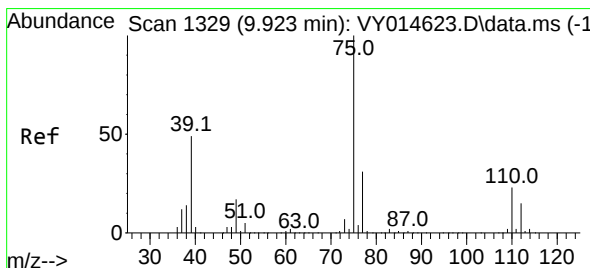
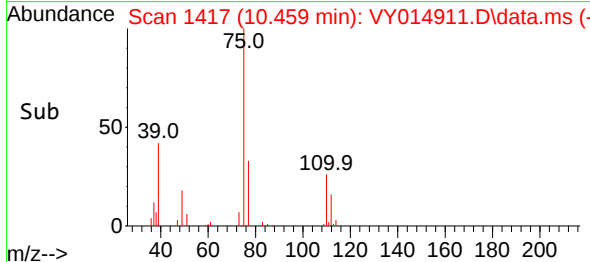
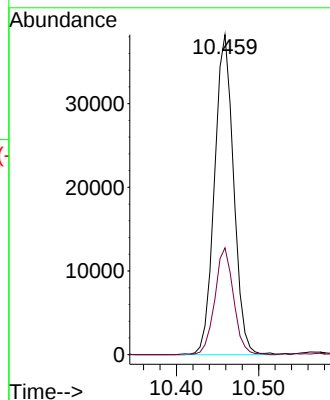
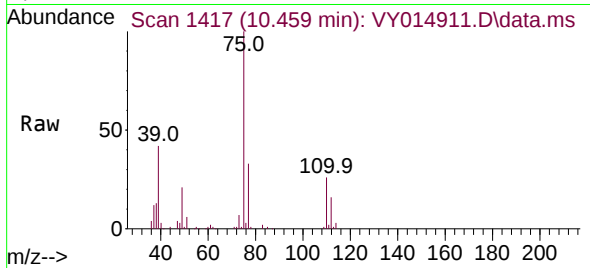
#53
t-1,3-Dichloropropene
Concen: 17.824 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion: 75 Resp: 6161
Ion Ratio Lower Upper
75 100
77 33.2 25.0 37.4

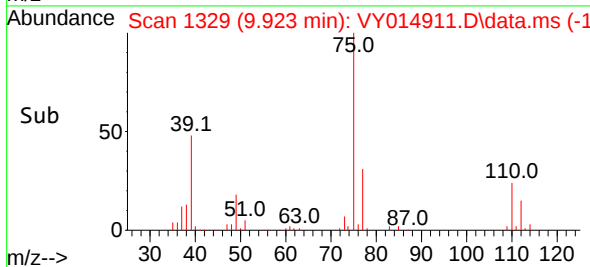
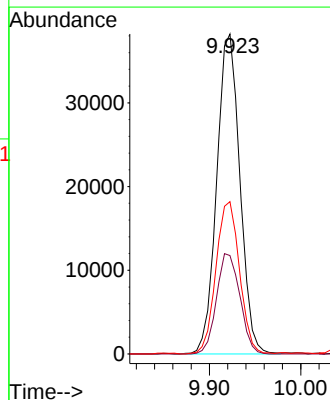
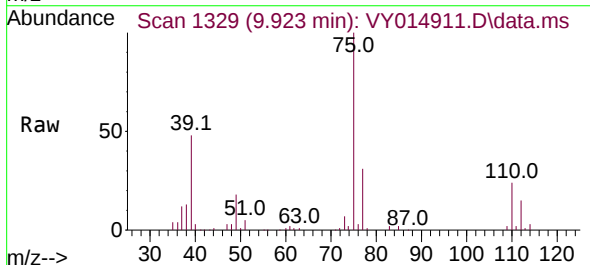
Manual Integrations
APPROVED

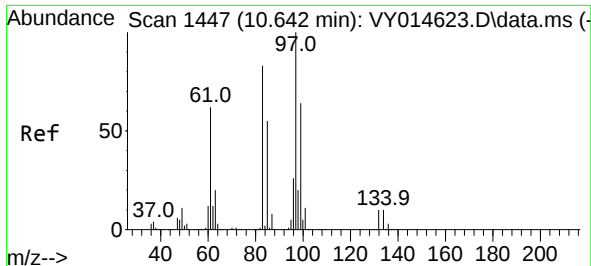
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#54
cis-1,3-Dichloropropene
Concen: 17.932 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

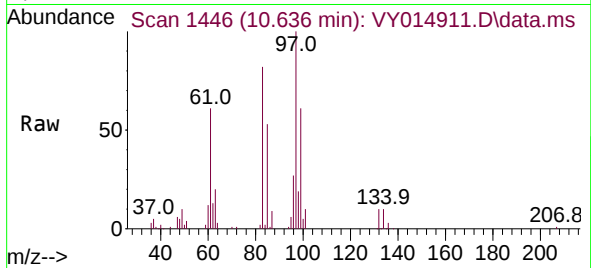
Tgt Ion: 75 Resp: 67411
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.4
39 47.6 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.833 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

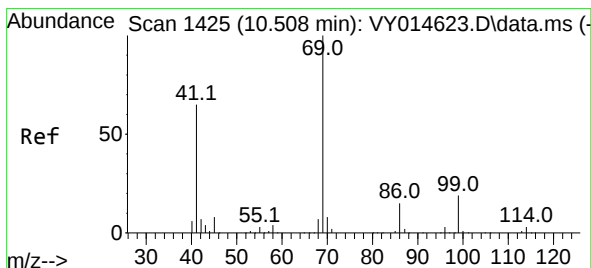
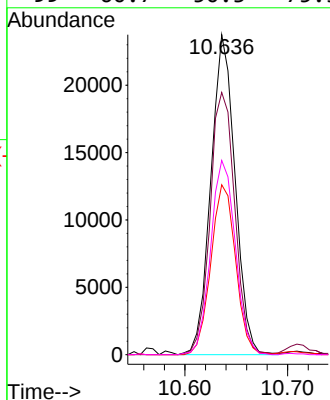
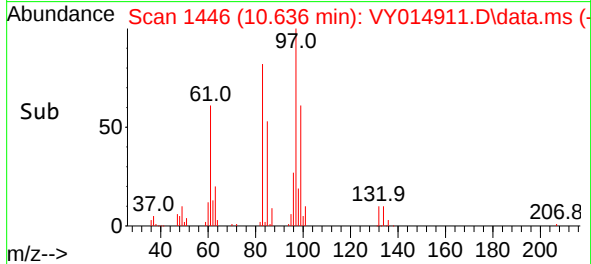
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion:	97	Resp:	3891
Ion Ratio	100	Lower	Upper
97	100		
83	81.9	72.0	108.0
85	53.1	45.4	68.0
99	60.7	50.3	75.5

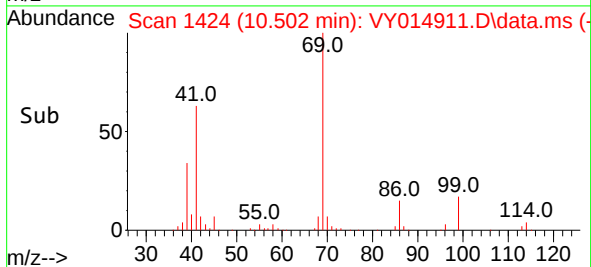
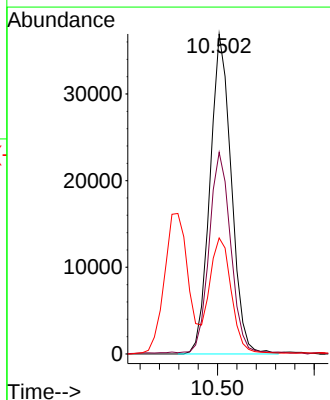
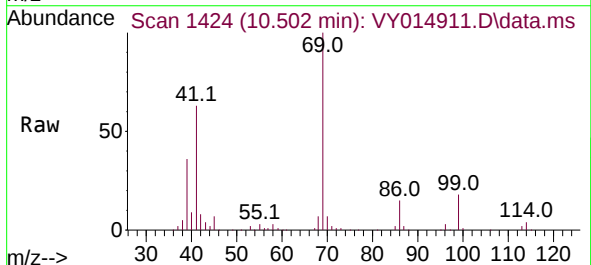
Manual Integrations
APPROVED

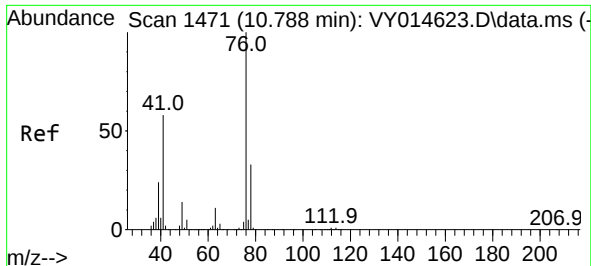
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
Ethyl methacrylate
Concen: 19.829 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion:	69	Resp:	56548
Ion Ratio	100	Lower	Upper
69	100		
41	64.9	57.6	86.4
39	36.0	34.1	51.1





#57

1,3-Dichloropropane

Concen: 19.960 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

Tgt Ion: 76 Resp: 64304

Ion Ratio Lower Upper

76 100

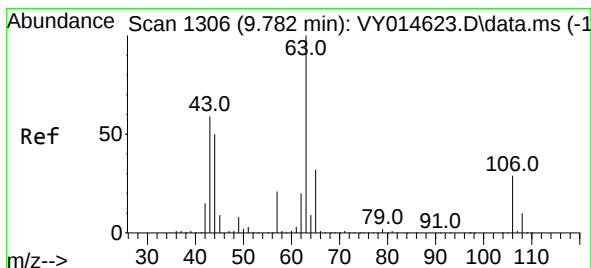
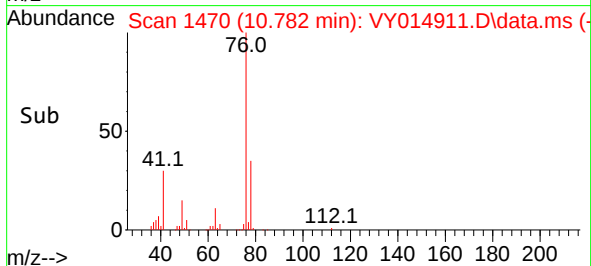
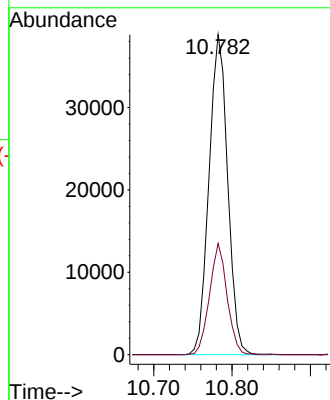
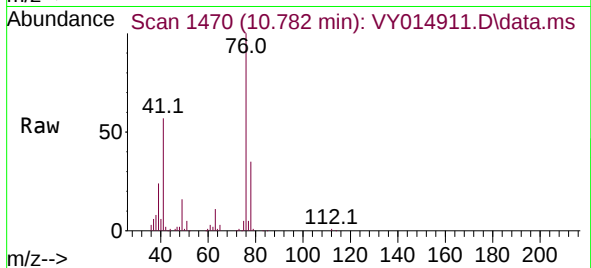
78 32.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 107.053 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014911.D

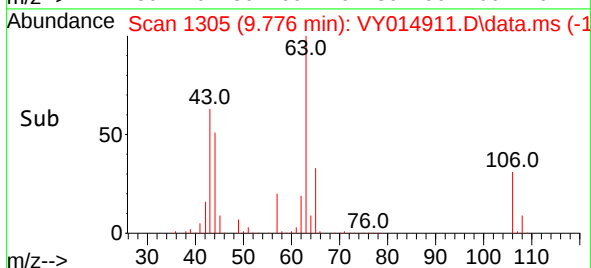
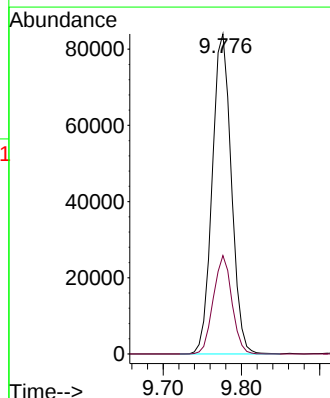
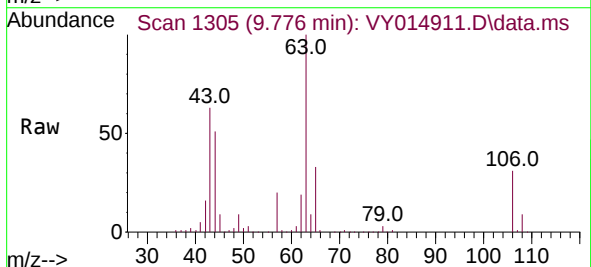
Acq: 28 Jul 2023 16:07

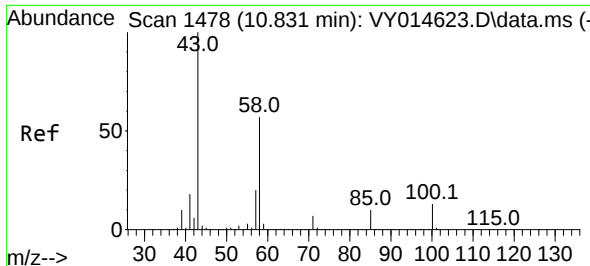
Tgt Ion: 63 Resp: 142251

Ion Ratio Lower Upper

63 100

106 29.9 21.2 31.8





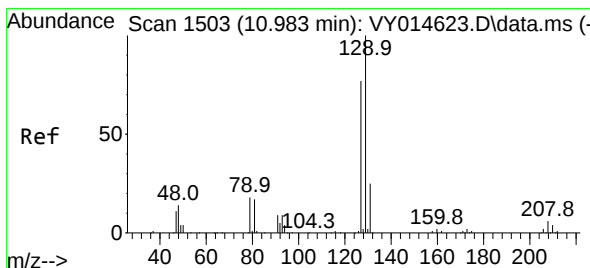
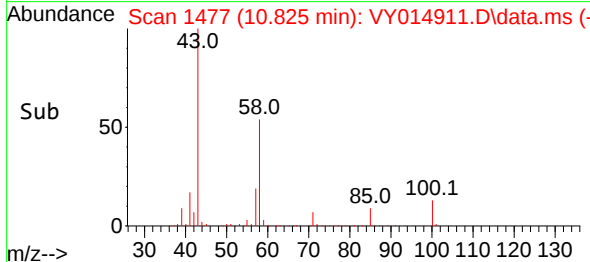
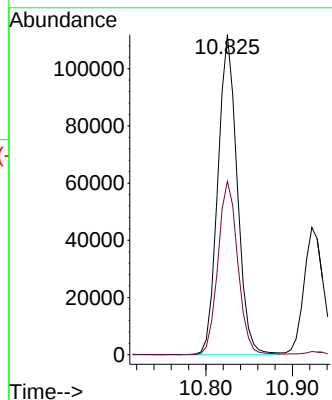
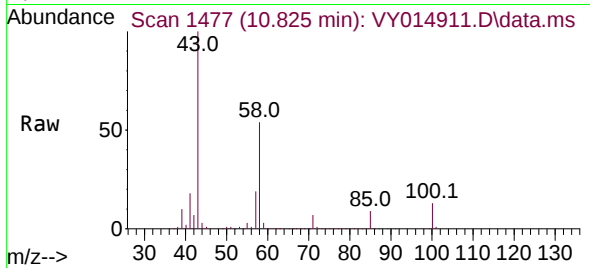
#59
2-Hexanone
Concen: 116.158 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion: 43 Resp: 173609
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3

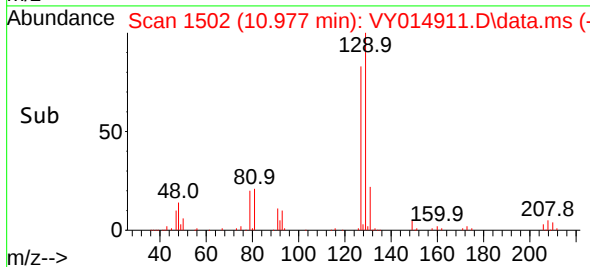
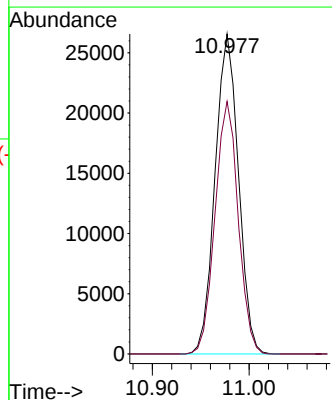
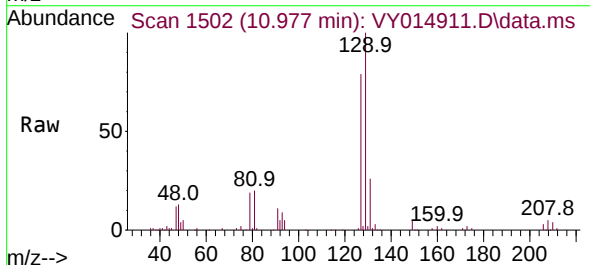
Manual Integrations
APPROVED

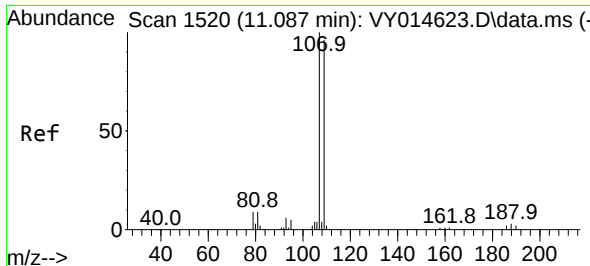
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
Dibromochloromethane
Concen: 19.449 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

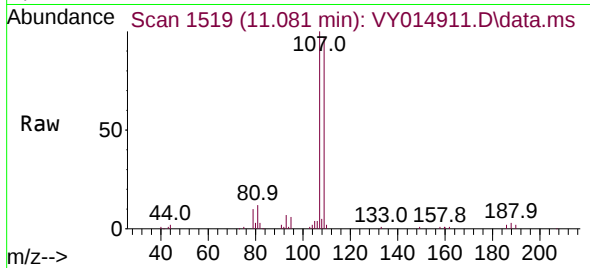
Tgt Ion:129 Resp: 44540
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.442 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

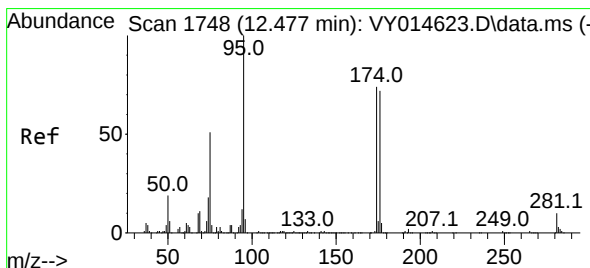
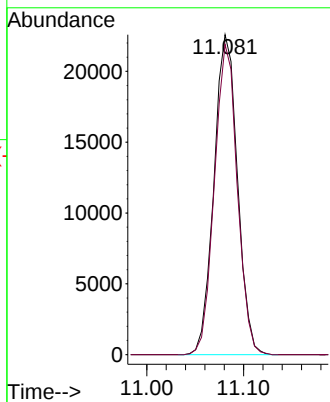
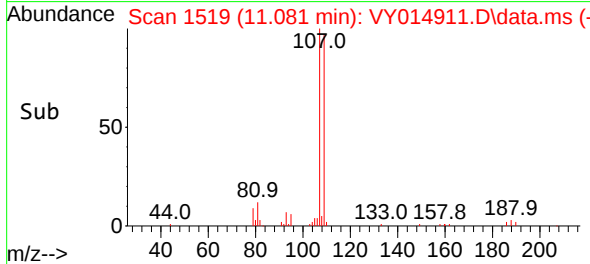
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion:107 Resp: 38090
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

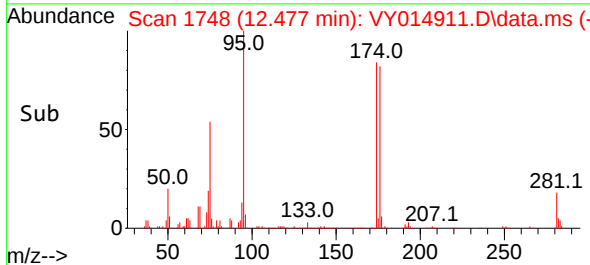
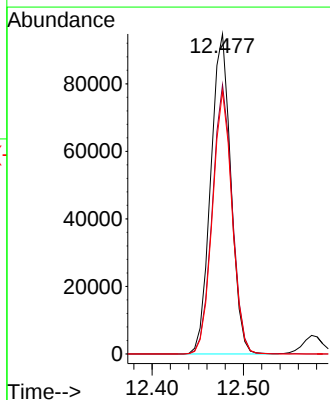
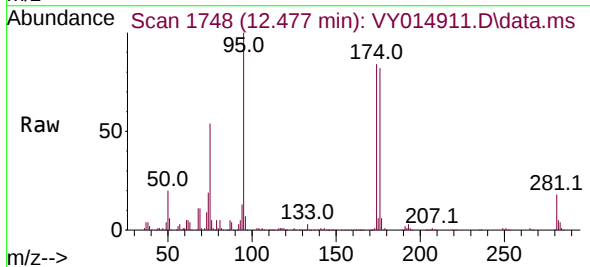
Manual Integrations
APPROVED

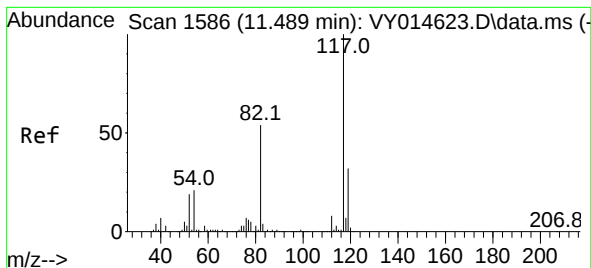
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
4-Bromofluorobenzene
Concen: 51.395 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

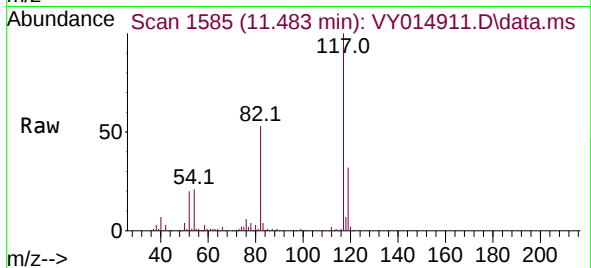
Tgt Ion: 95 Resp: 144597
Ion Ratio Lower Upper
95 100
174 83.5 0.0 178.2
176 80.2 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

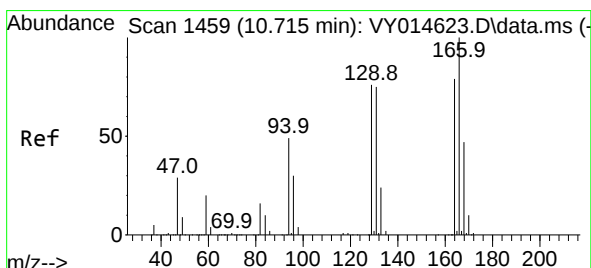
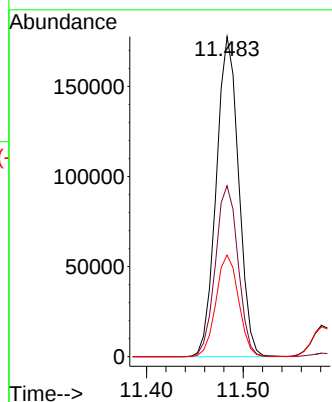
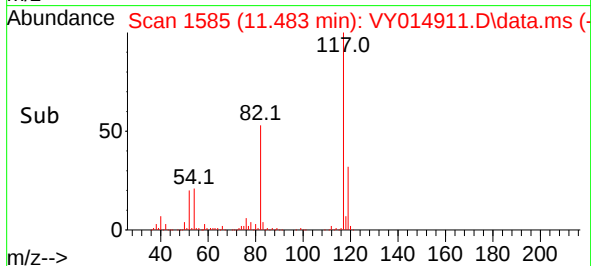
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion:117 Resp: 285478
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.8 26.3 39.5

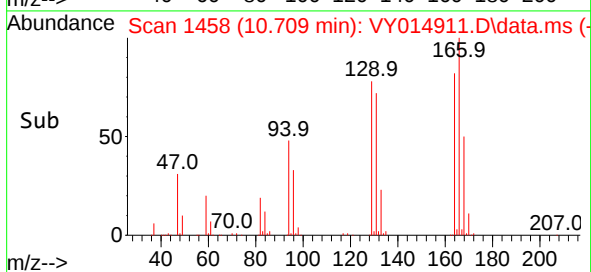
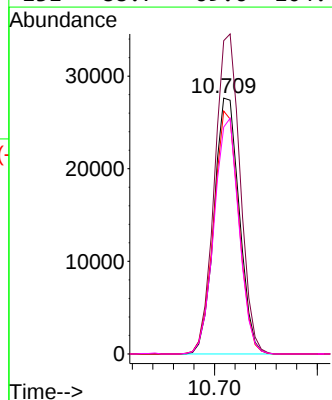
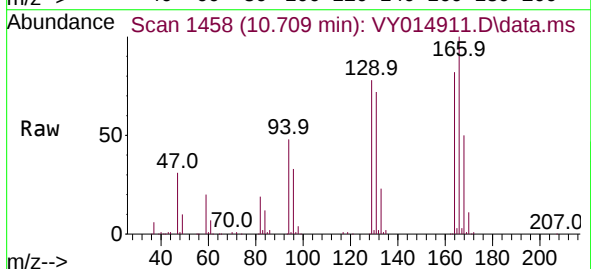
Manual Integrations
APPROVED

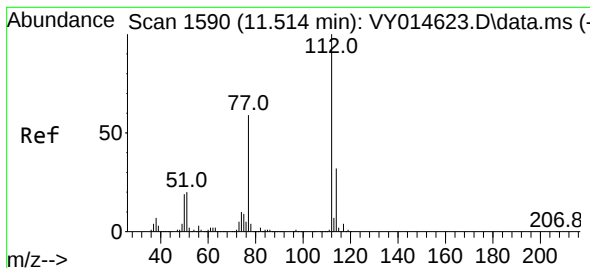
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
Tetrachloroethene
Concen: 20.426 ug/l
RT: 10.709 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

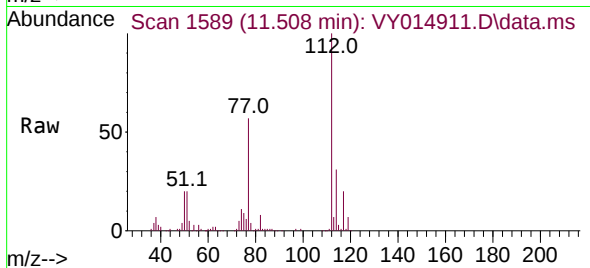
Tgt Ion:164 Resp: 46897
Ion Ratio Lower Upper
164 100
166 122.5 103.0 154.6
129 95.0 77.2 115.8
131 88.7 69.6 104.4





#65
Chlorobenzene
Concen: 18.451 ug/l
RT: 11.508 min Scan# 11224
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

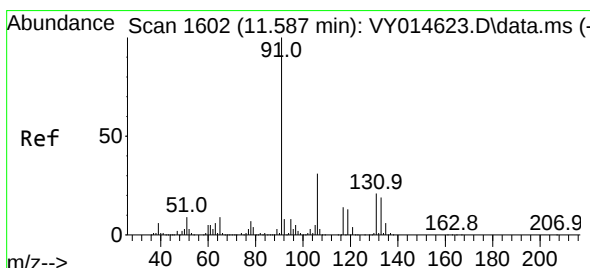
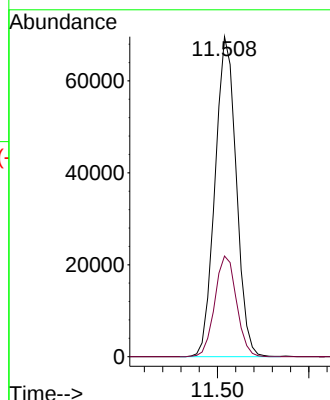
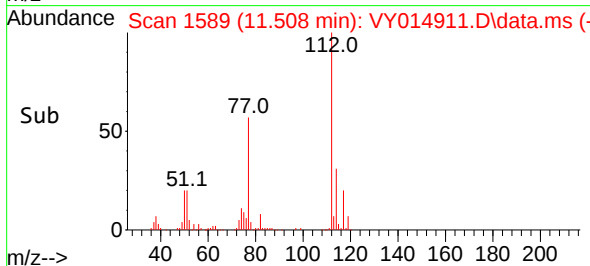
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion:112 Resp: 11224
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3

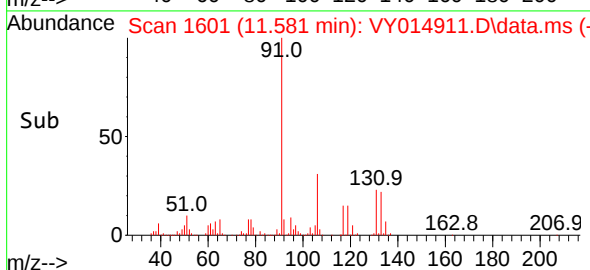
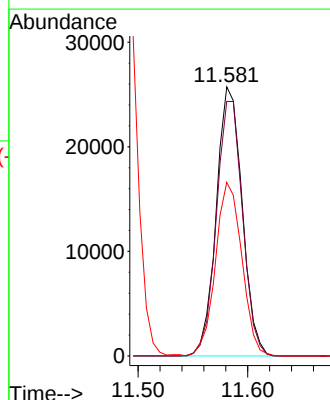
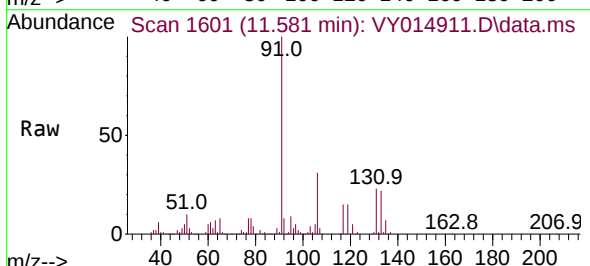
Manual Integrations
APPROVED

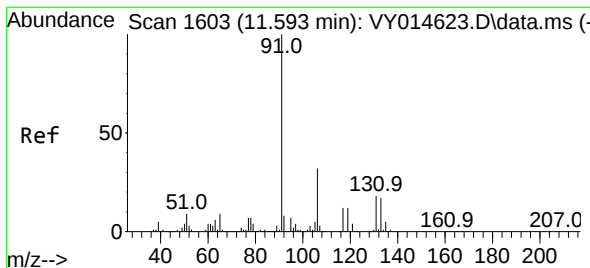
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.407 ug/l
RT: 11.581 min Scan# 1601
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion:131 Resp: 42221
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 65.8 31.6 94.7





#67

Ethyl Benzene

Concen: 17.766 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

Tgt Ion: 91 Resp: 19514

Ion Ratio Lower Upper

91 100

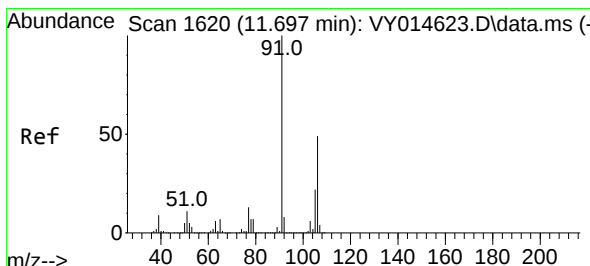
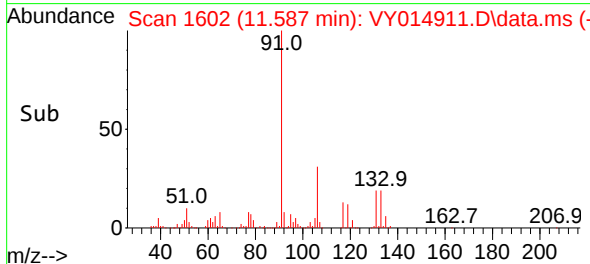
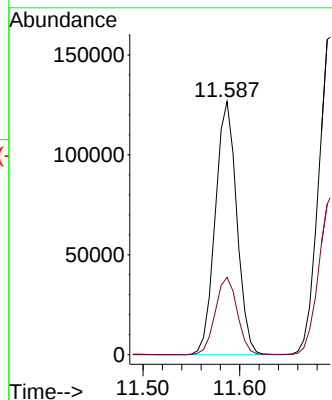
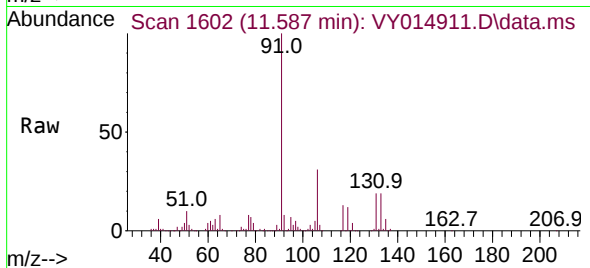
106 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#68

m/p-Xylenes

Concen: 35.972 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014911.D

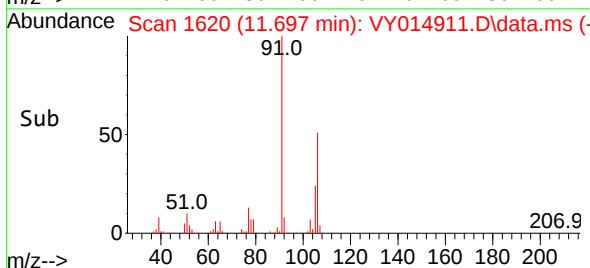
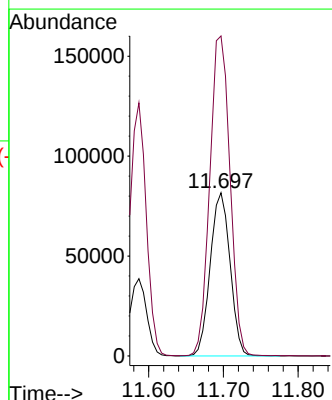
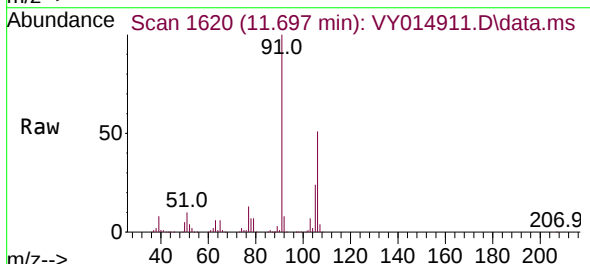
Acq: 28 Jul 2023 16:07

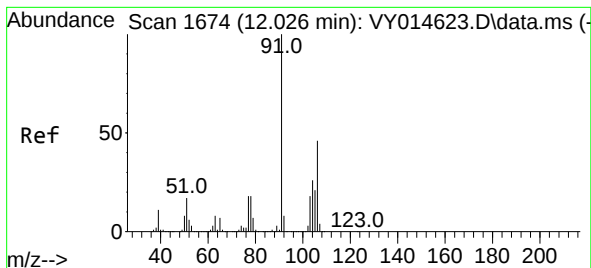
Tgt Ion:106 Resp: 150822

Ion Ratio Lower Upper

106 100

91 200.6 166.1 249.1





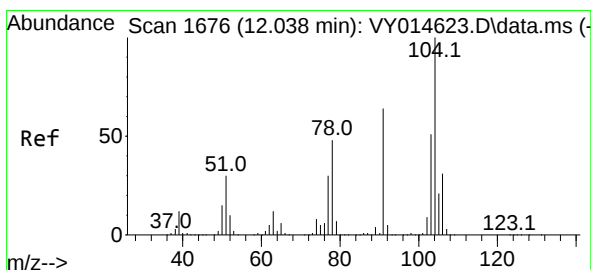
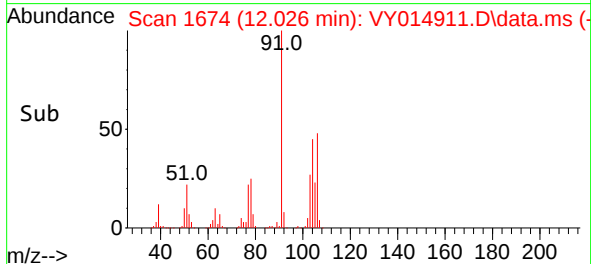
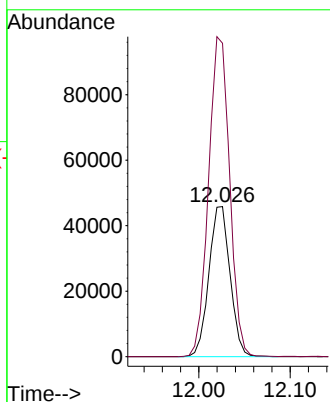
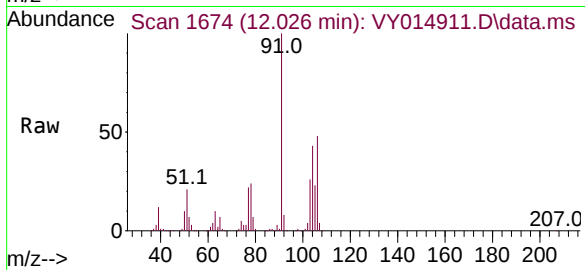
#69
o-Xylene
Concen: 18.051 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion:106 Resp: 73718
Ion Ratio Lower Upper
106 100
91 212.5 108.1 324.3

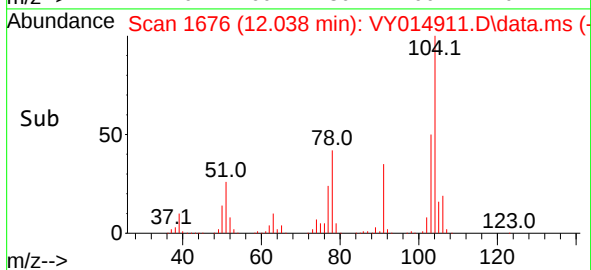
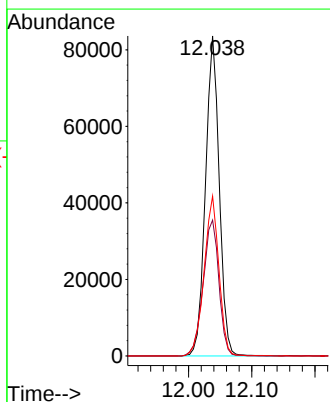
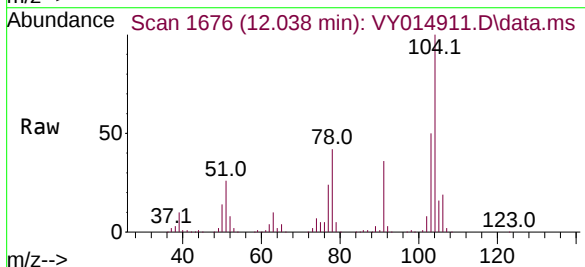
Manual Integrations
APPROVED

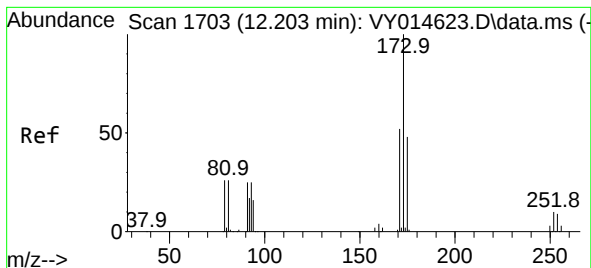
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
Styrene
Concen: 18.407 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion:104 Resp: 126696
Ion Ratio Lower Upper
104 100
78 48.6 41.5 62.3
103 53.8 44.6 67.0





#71

Bromoform

Concen: 19.080 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

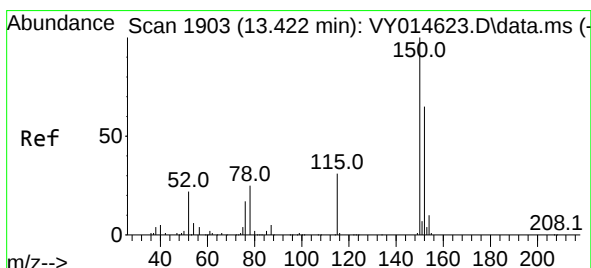
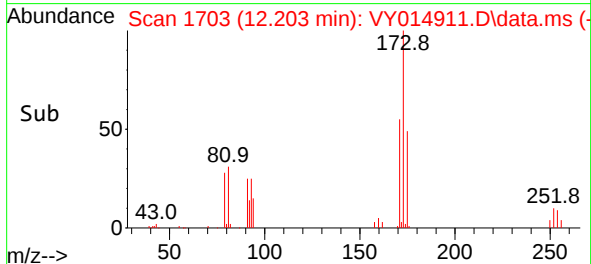
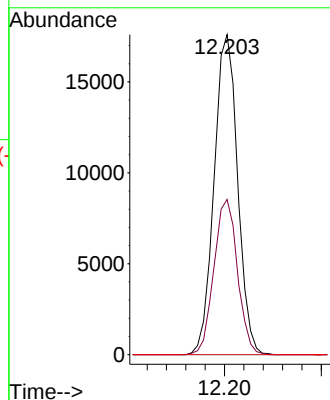
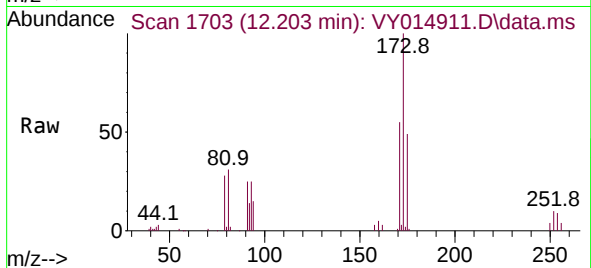
Tgt Ion:173	Resp:	29664
Ion Ratio	Lower	Upper
173	100	
175	48.6	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

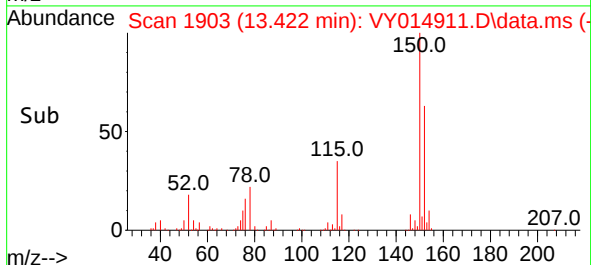
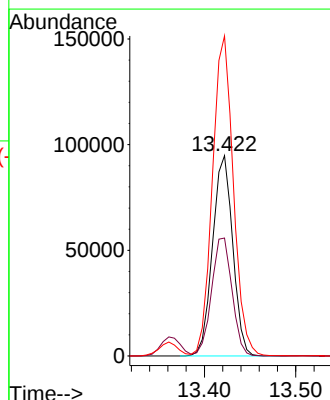
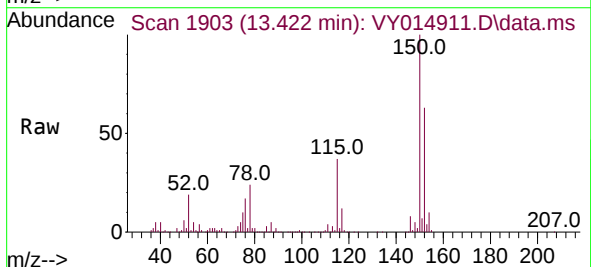
RT: 13.422 min Scan# 1903

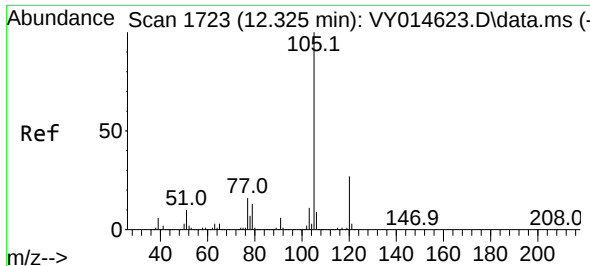
Delta R.T. -0.000 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

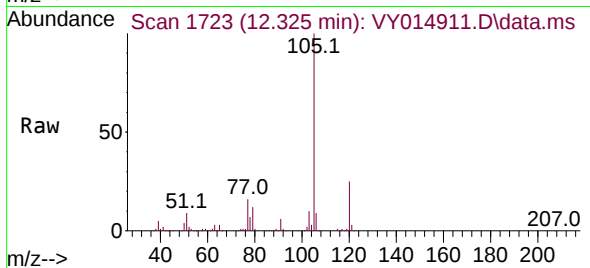
Tgt Ion:152	Resp:	145627
Ion Ratio	Lower	Upper
152	100	
115	59.9	28.8 86.5
150	165.4	0.0 348.8





#73
Isopropylbenzene
Concen: 16.823 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

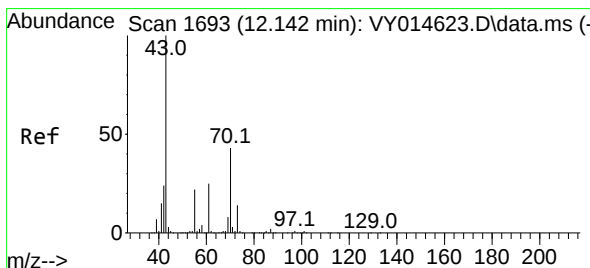
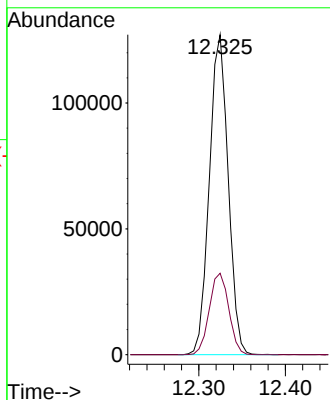
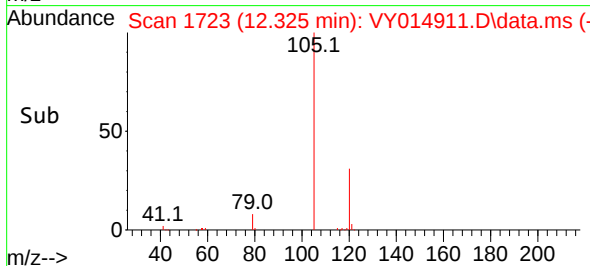
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



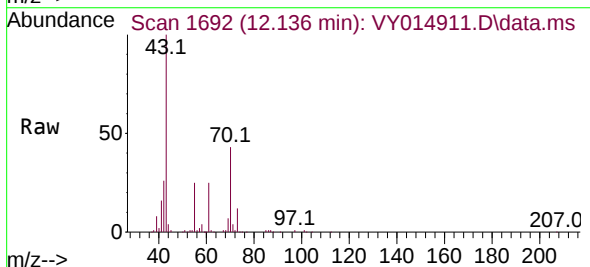
Tgt Ion: 105 Resp: 191824
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

Manual Integrations
APPROVED

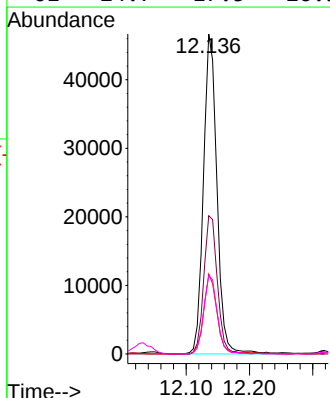
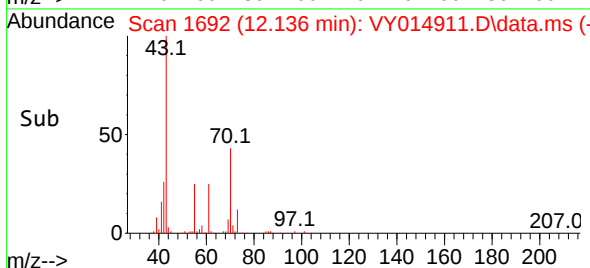
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

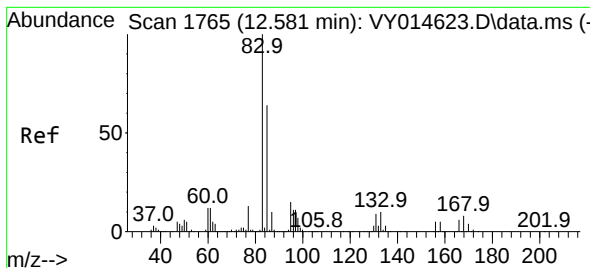


#74
N-ethyl acetate
Concen: 18.206 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07



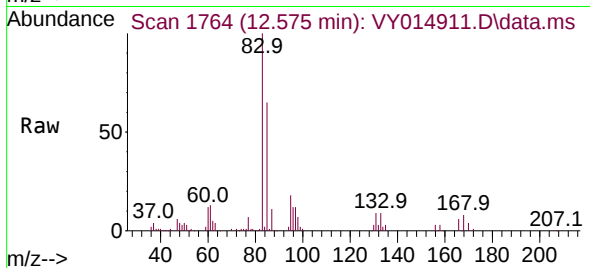
Tgt Ion: 43 Resp: 69528
Ion Ratio Lower Upper
43 100
70 43.3 29.7 44.5
55 24.5 18.3 27.5
61 24.7 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 18.985 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

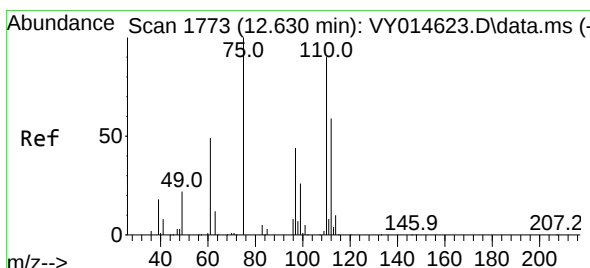
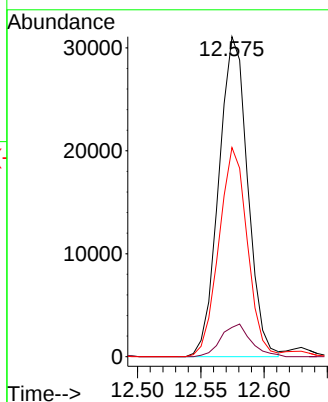
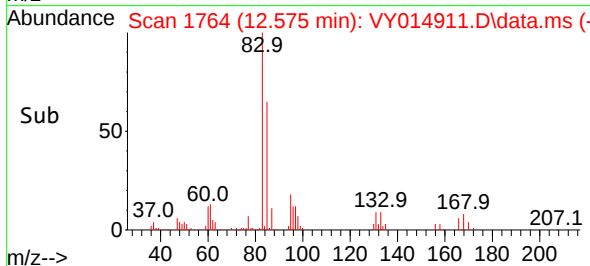
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



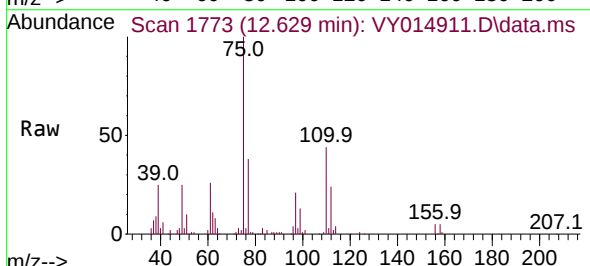
Tgt Ion: 83 Resp: 49368
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 64.3 31.8 95.4

Manual Integrations
APPROVED

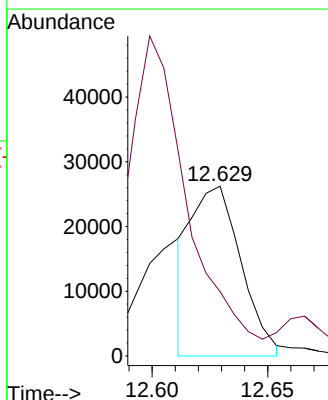
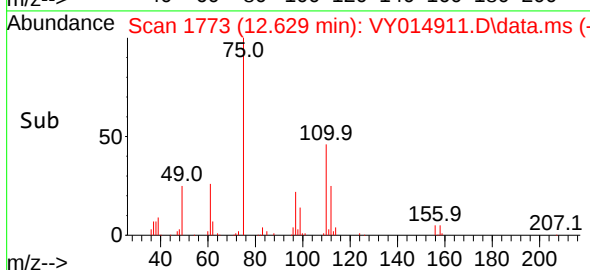
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

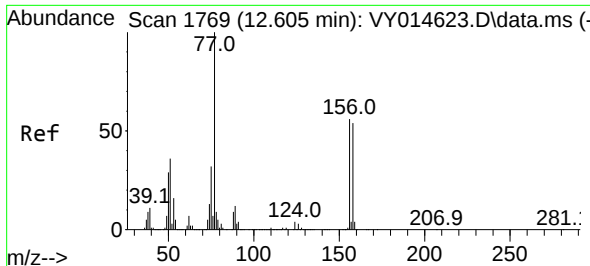


#76
1,2,3-Trichloropropane
Concen: 21.437 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07



Tgt Ion: 75 Resp: 39427
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





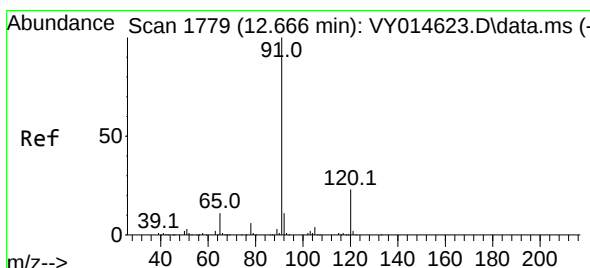
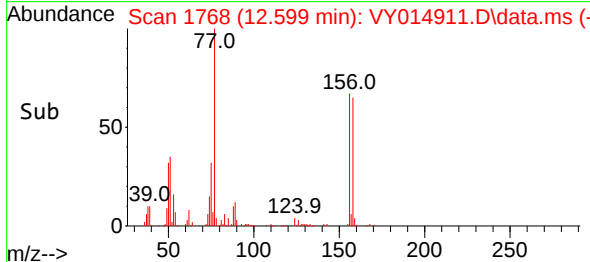
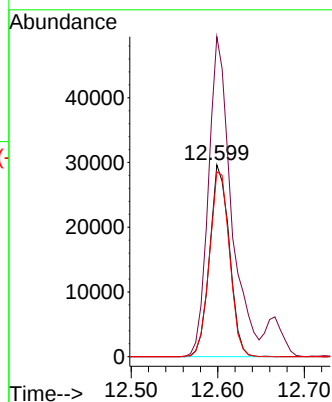
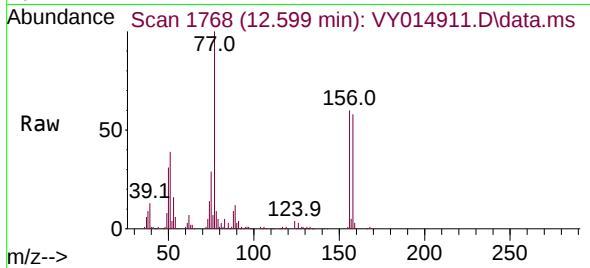
#77
Bromobenzene
Concen: 18.025 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion:156 Resp: 4691
Ion Ratio Lower Upper
156 100
77 192.6 92.8 278.6
158 98.3 48.4 145.3

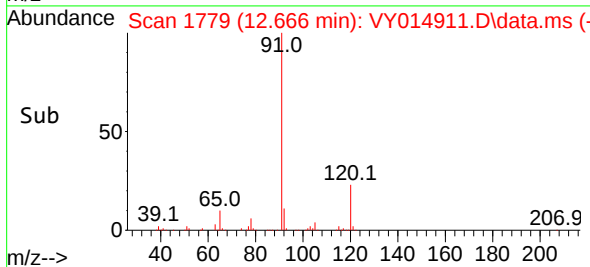
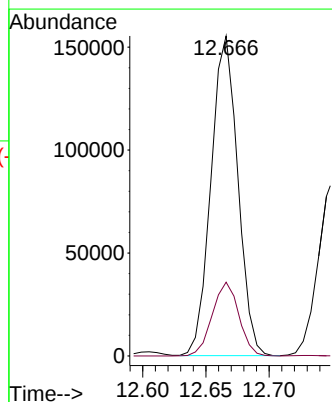
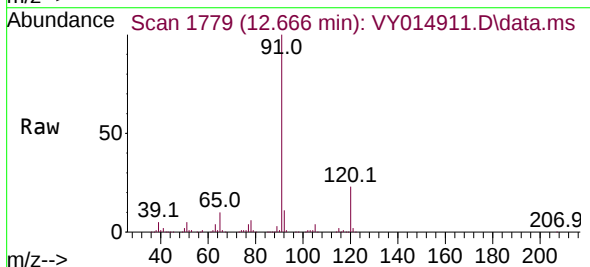
Manual Integrations
APPROVED

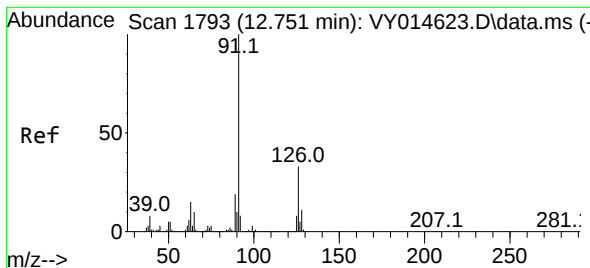
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
n-propylbenzene
Concen: 16.654 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 91 Resp: 228833
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





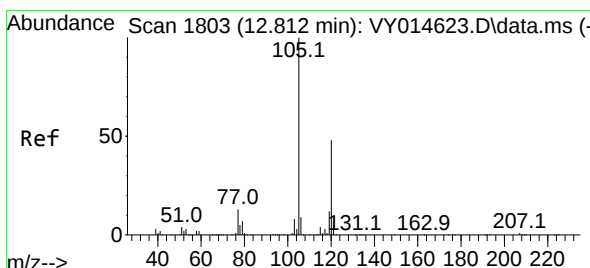
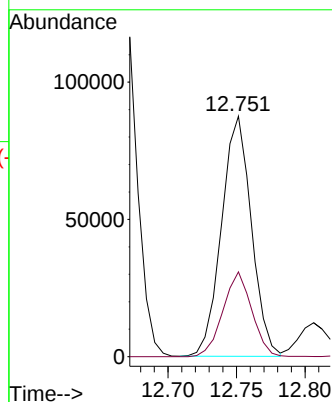
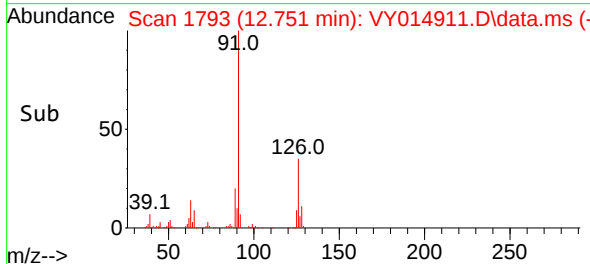
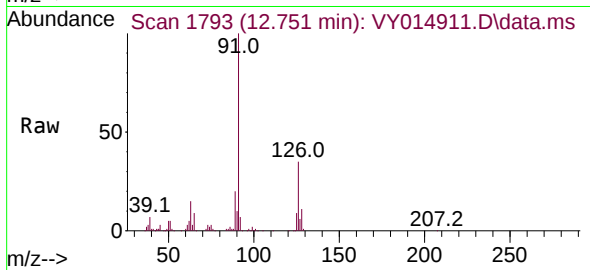
#79
2-Chlorotoluene
Concen: 16.743 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion: 91 Resp: 13250
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.7

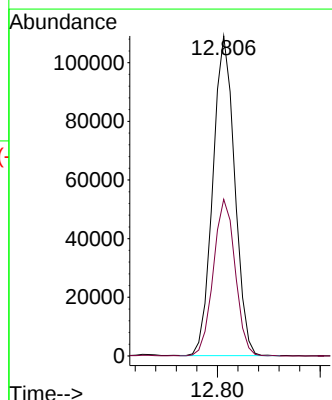
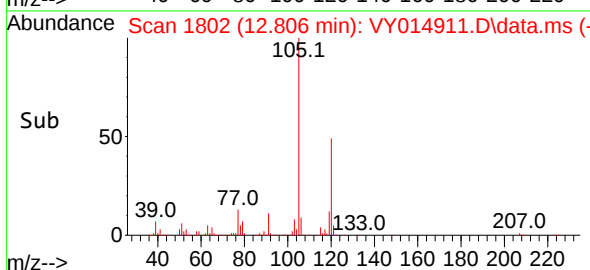
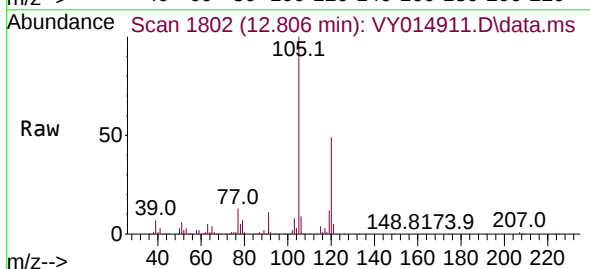
Manual Integrations
APPROVED

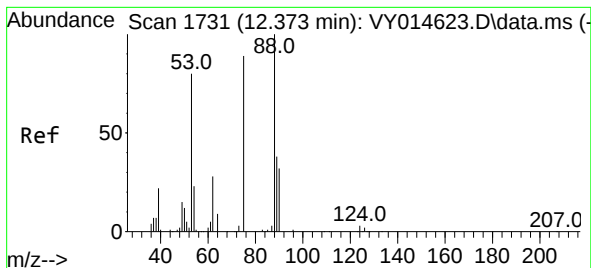
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 16.826 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

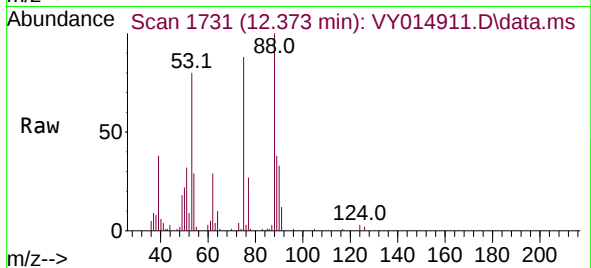
Tgt Ion:105 Resp: 160230
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 16.577 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

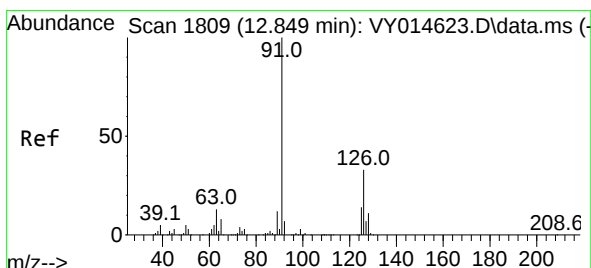
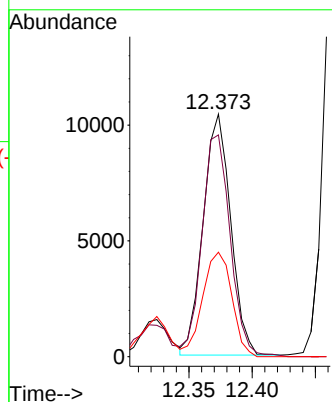
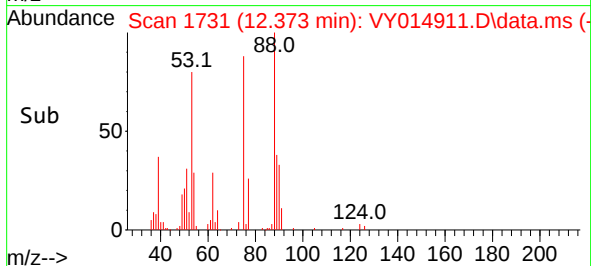
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion: 75 Resp: 1574
Ion Ratio Lower Upper
75 100
53 94.5 77.8 116.8
89 46.0 37.4 56.0

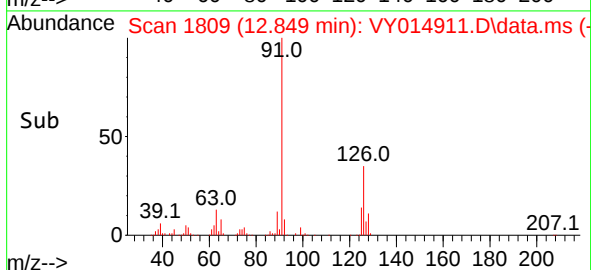
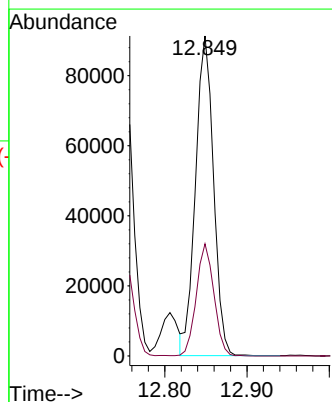
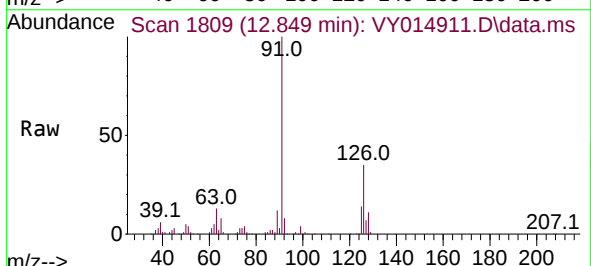
Manual Integrations
APPROVED

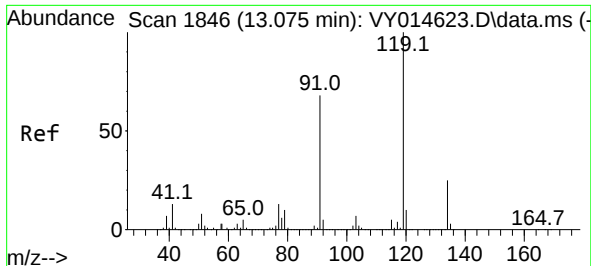
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
4-Chlorotoluene
Concen: 16.992 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

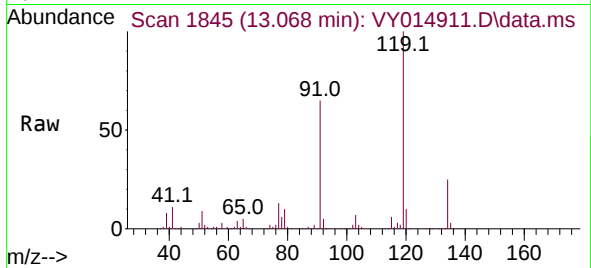
Tgt Ion: 91 Resp: 138501
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 16.383 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.007 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

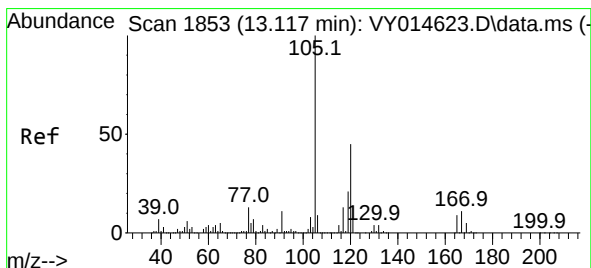
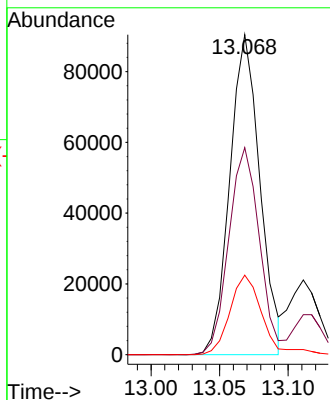
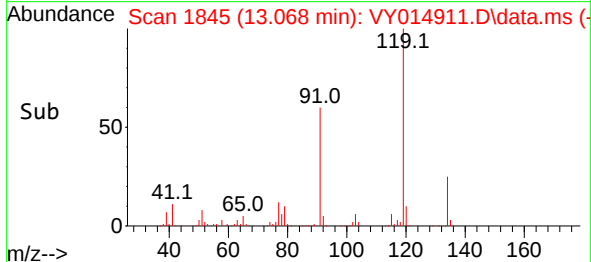
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



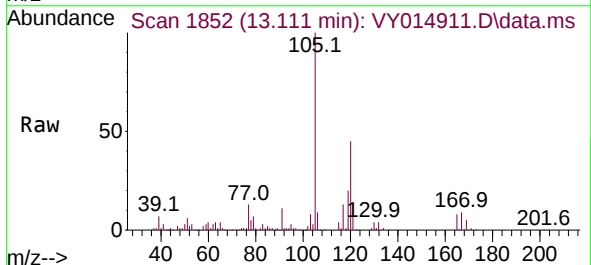
Tgt Ion:119 Resp: 138390
Ion Ratio Lower Upper
119 100
91 65.3 32.9 98.6
134 26.6 13.0 38.9

Manual Integrations
APPROVED

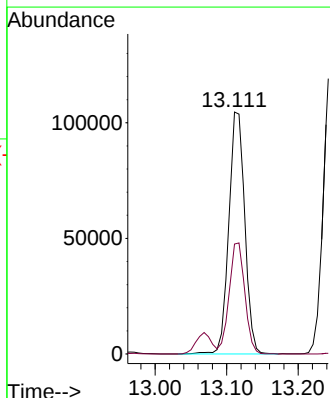
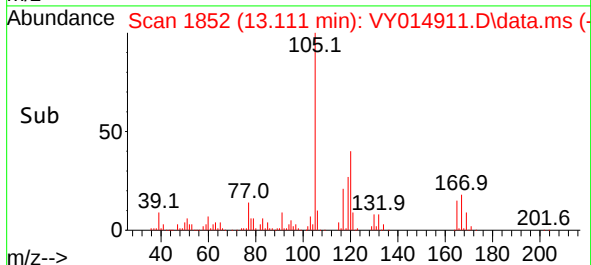
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

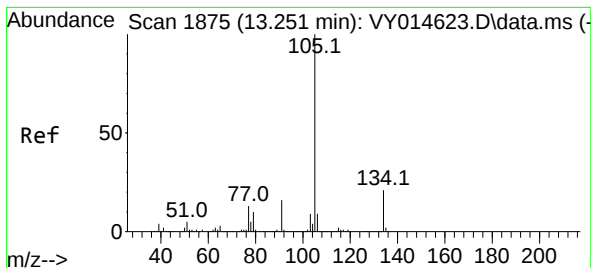


#84
1,2,4-Trimethylbenzene
Concen: 17.356 ug/l
RT: 13.111 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07



Tgt Ion:105 Resp: 162203
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 16.708 ug/l

RT: 13.245 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

Tgt Ion:105 Resp: 207040

Ion Ratio Lower Upper

105 100

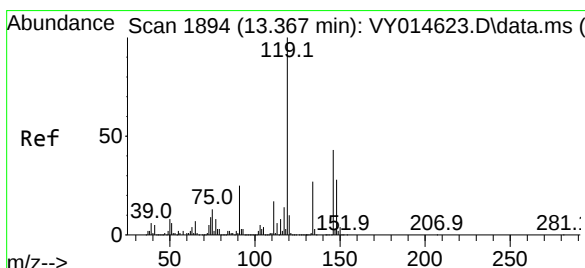
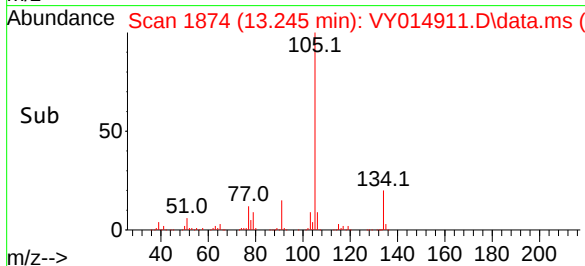
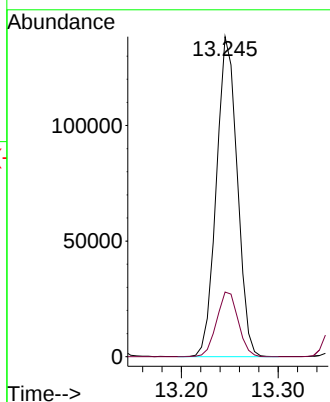
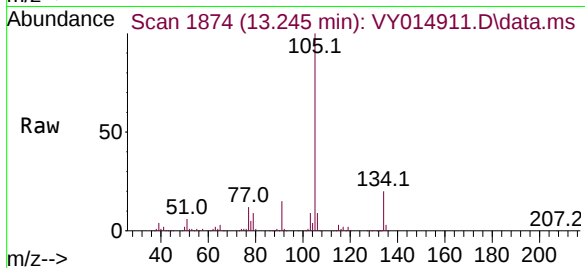
134 20.9 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#86

p-Isopropyltoluene

Concen: 17.263 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

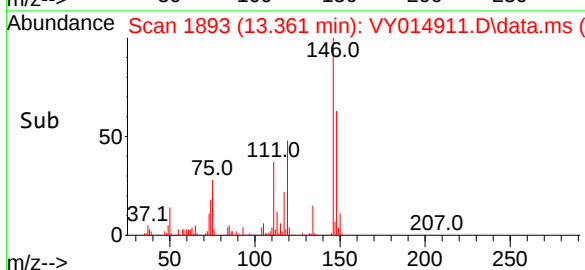
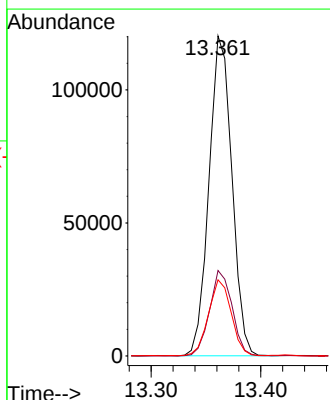
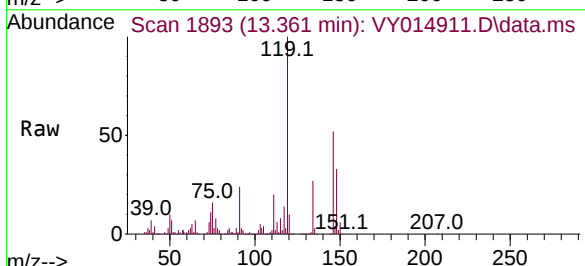
Tgt Ion:119 Resp: 174655

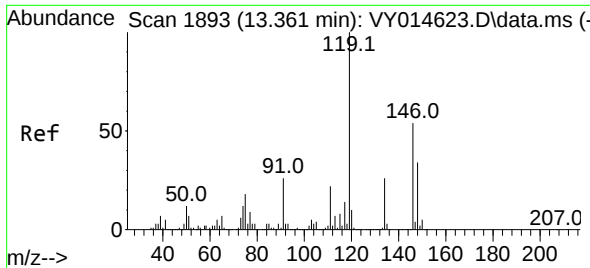
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.5 12.4 37.4





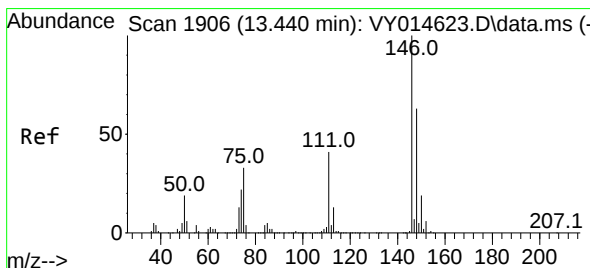
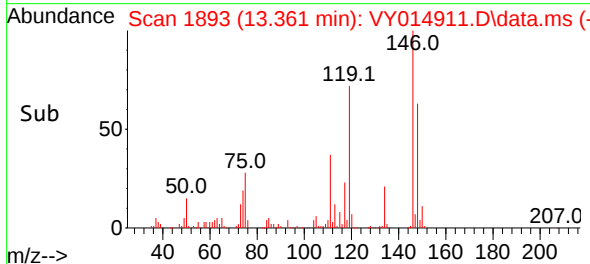
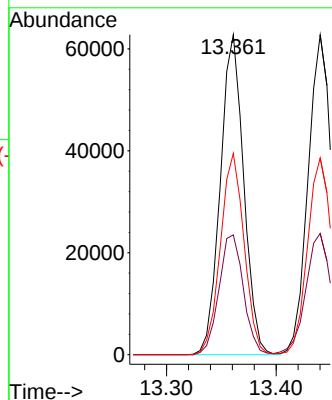
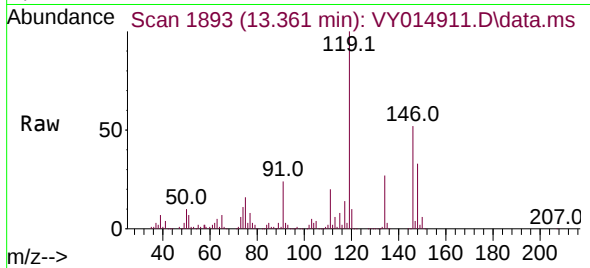
#87
 1,3-Dichlorobenzene
 Concen: 18.384 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VY014911.D
 Acq: 28 Jul 2023 16:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0728SBS04

Tgt Ion:146 Resp: 93128
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.4 58.2
 148 63.6 31.9 95.5

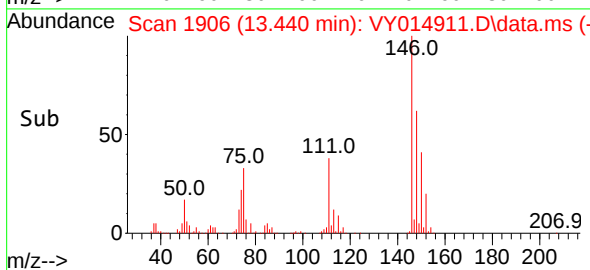
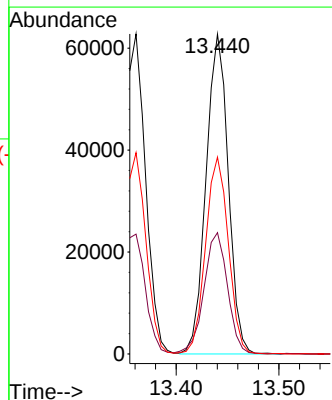
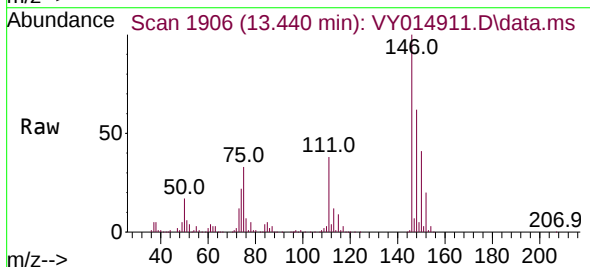
Manual Integrations
 APPROVED

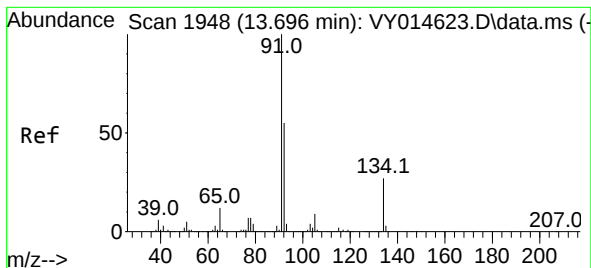
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#88
 1,4-Dichlorobenzene
 Concen: 18.568 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY014911.D
 Acq: 28 Jul 2023 16:07

Tgt Ion:146 Resp: 94257
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.9 56.7
 148 63.1 32.1 96.5





#89

n-Butylbenzene

Concen: 16.664 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

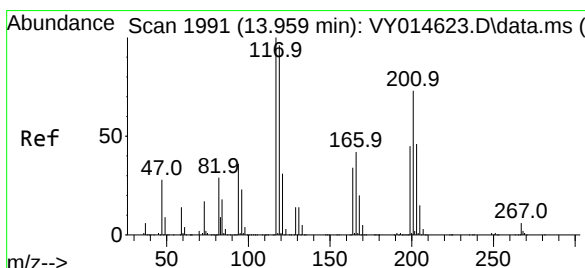
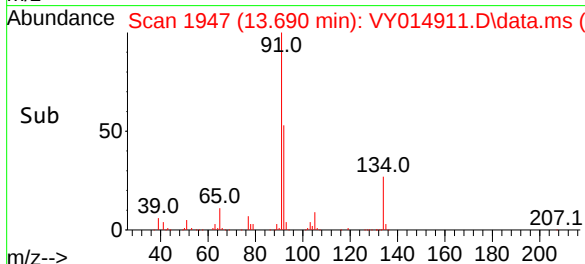
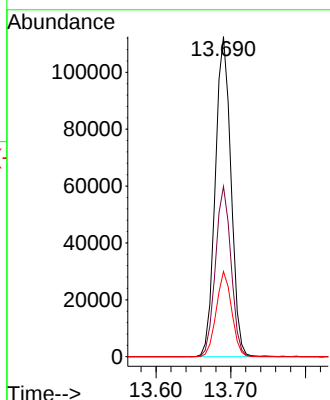
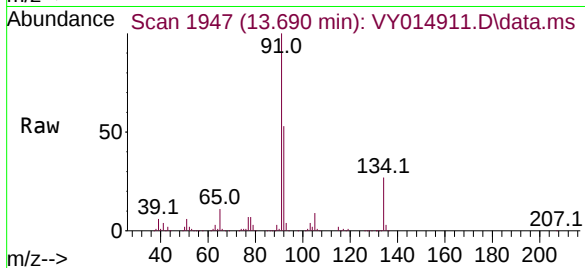
Tgt Ion: 91	Resp: 16402
Ion Ratio	Lower Upper
91	100
92	52.9 25.4 76.0
134	26.0 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#90

Hexachloroethane

Concen: 15.777 ug/l

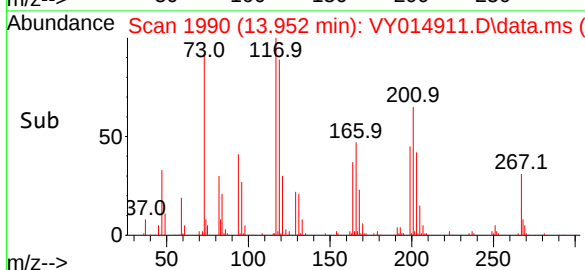
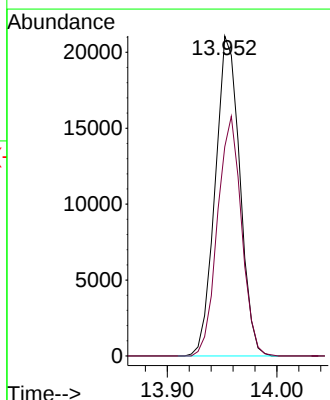
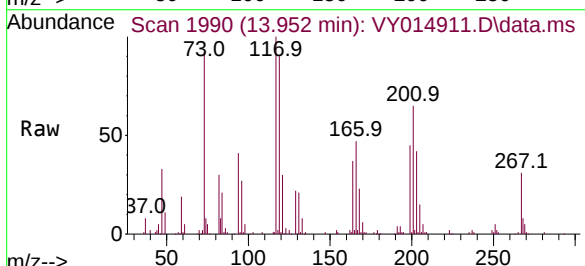
RT: 13.952 min Scan# 1990

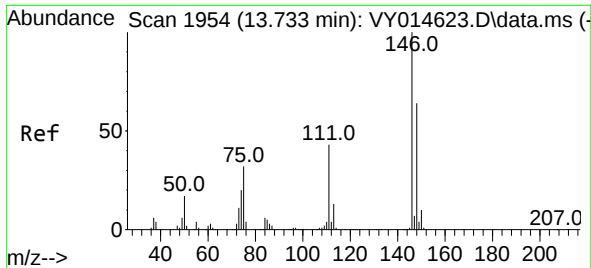
Delta R.T. -0.007 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Tgt Ion: 117	Resp: 32786
Ion Ratio	Lower Upper
117	100
201	73.2 41.6 124.8





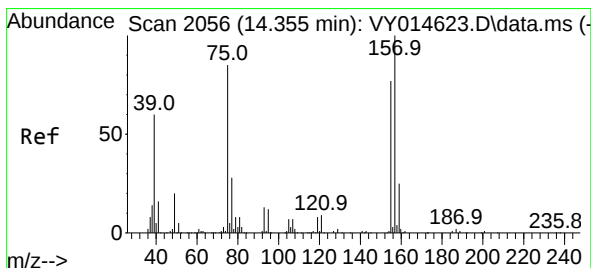
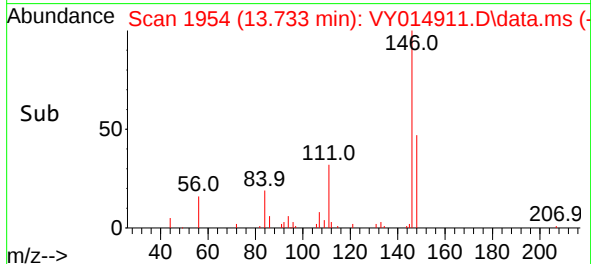
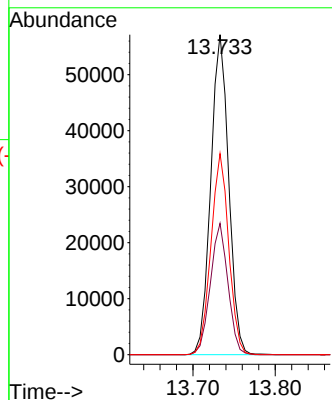
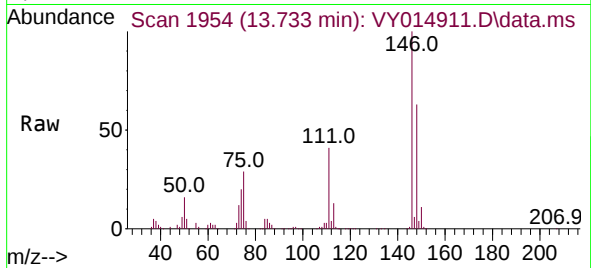
#91
1,2-Dichlorobenzene
Concen: 18.653 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04

Tgt Ion:146 Resp: 86574
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.0
148 62.3 32.0 96.2

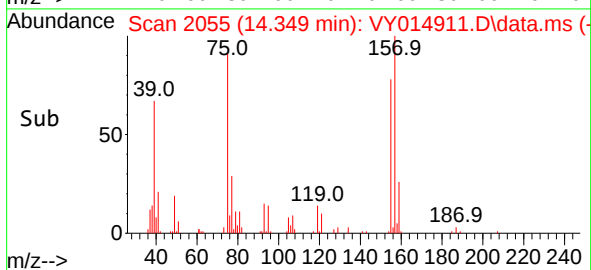
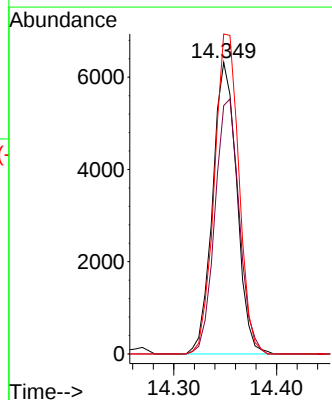
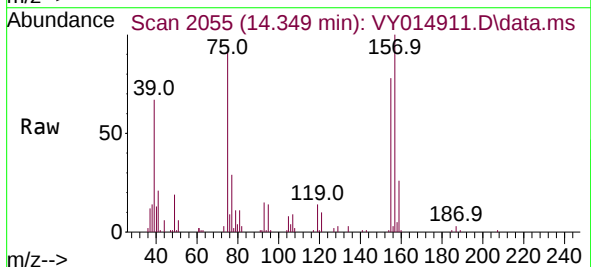
Manual Integrations
APPROVED

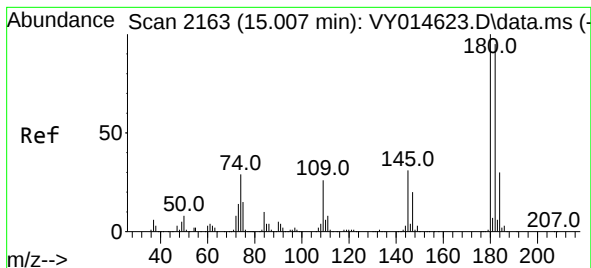
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.753 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion: 75 Resp: 10320
Ion Ratio Lower Upper
75 100
155 88.2 41.5 124.6
157 111.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.780 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0728SBS04

Tgt Ion:180 Resp: 5533

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

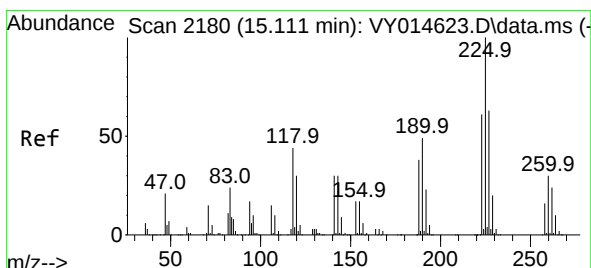
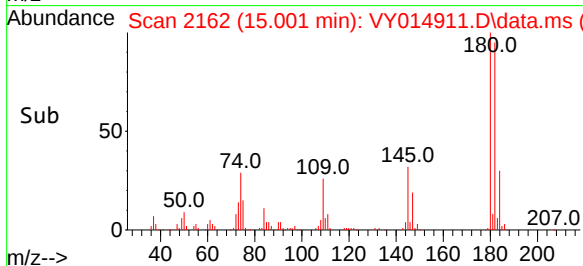
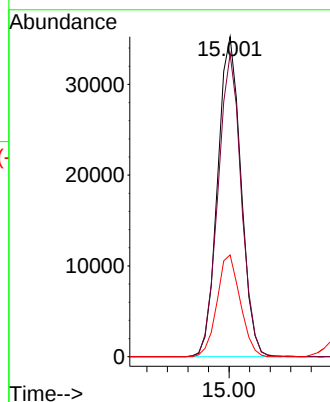
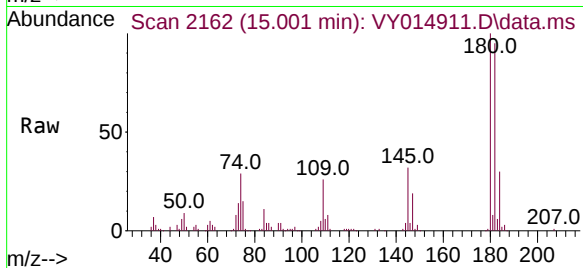
145 31.7 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#94

Hexachlorobutadiene

Concen: 17.774 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. -0.006 min

Lab File: VY014911.D

Acq: 28 Jul 2023 16:07

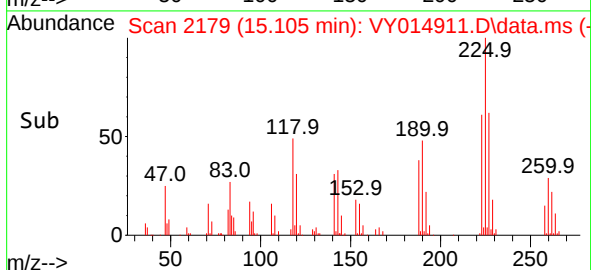
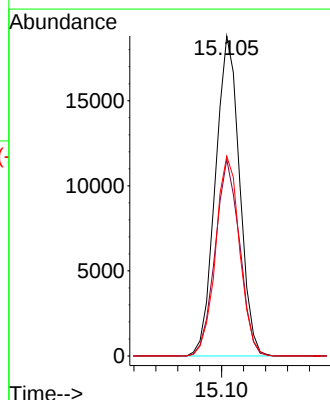
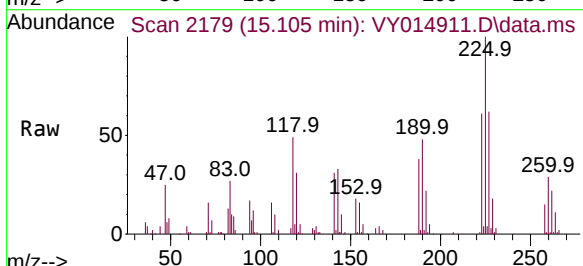
Tgt Ion:225 Resp: 28777

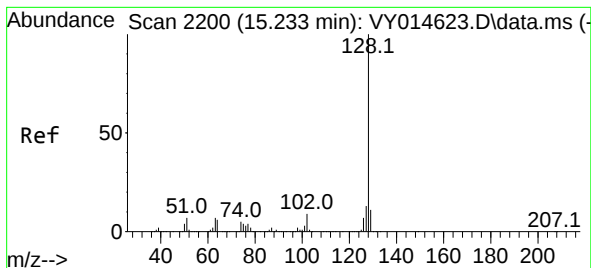
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.9

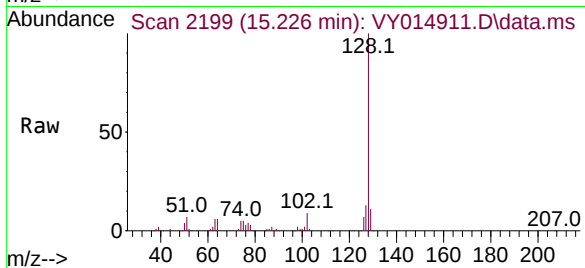
227 62.1 33.0 98.9





#95
Naphthalene
Concen: 20.229 ug/l
RT: 15.226 min Scan# 2199
Delta R.T. -0.007 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

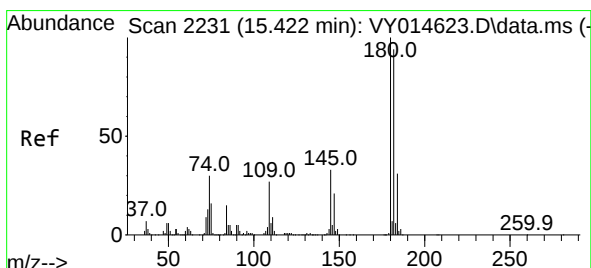
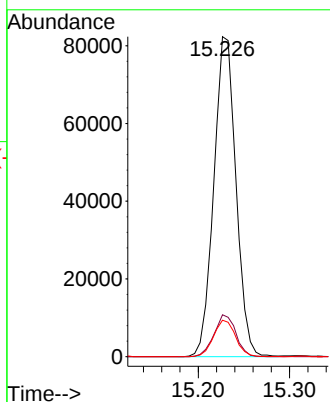
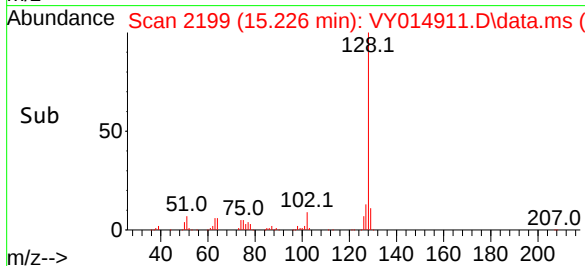
Instrument :
MSVOA_Y
ClientSampleId :
VY0728SBS04



Tgt Ion:128 Resp: 13885
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.137 ug/l
RT: 15.415 min Scan# 2230
Delta R.T. -0.007 min
Lab File: VY014911.D
Acq: 28 Jul 2023 16:07

Tgt Ion:180 Resp: 50110
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.8
145 32.7 15.4 46.2

