

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014555.D
 Acq On : 05 Jul 2023 13:57
 Operator : KP/MD
 Sample : VY0703SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/06/2023
 Supervised By : Mahesh Dadoda 07/06/2023

Quant Time: Jul 05 14:54:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	320782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	475762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	441828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	234294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	169089	52.988	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.980%			
35) Dibromofluoromethane	7.710	113	155295	53.006	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.020%			
50) Toluene-d8	10.173	98	601574	51.942	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.880%			
62) 4-Bromofluorobenzene	12.477	95	209878	52.187	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	63617	25.409	ug/l	99
3) Chloromethane	2.107	50	91401	24.603	ug/l	99
4) Vinyl Chloride	2.241	62	101998	23.819	ug/l	97
5) Bromomethane	2.619	94	88478	26.646	ug/l	96
6) Chloroethane	2.772	64	66985	24.294	ug/l	99
7) Trichlorofluoromethane	3.107	101	120696	23.207	ug/l	99
8) Diethyl Ether	3.521	74	41954	21.305	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.881	101	71282	22.951	ug/l	98
10) Methyl Iodide	4.076	142	56730	16.007	ug/l	94
11) Tert butyl alcohol	4.942	59	91322	158.066	ug/l #	91
12) 1,1-Dichloroethene	3.857	96	68317	22.706	ug/l	86
13) Acrolein	3.717	56	44891	105.777	ug/l	96
14) Allyl chloride	4.466	41	98827	21.792	ug/l	88
15) Acrylonitrile	5.149	53	124229	109.890	ug/l	99
16) Acetone	3.942	43	100747	101.096	ug/l	90
17) Carbon Disulfide	4.180	76	208824	22.775	ug/l	100
18) Methyl Acetate	4.466	43	106289	23.430	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	185602	21.463	ug/l	100
20) Methylene Chloride	4.698	84	92491	22.899	ug/l	90
21) trans-1,2-Dichloroethene	5.204	96	74216	21.792	ug/l	97
22) Diisopropyl ether	6.106	45	199543	21.354	ug/l	94
23) Vinyl Acetate	6.051	43	556062	102.853	ug/l	96
24) 1,1-Dichloroethane	6.003	63	125621	21.414	ug/l	98
25) 2-Butanone	6.978	43	153223	103.840	ug/l	97
26) 2,2-Dichloropropane	6.972	77	97255	19.451	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	78814	20.401	ug/l	94
28) Bromochloromethane	7.326	49	59798	24.276	ug/l	92
29) Tetrahydrofuran	7.338	42	103839	109.100	ug/l	90
30) Chloroform	7.496	83	130484	21.323	ug/l	97
31) Cyclohexane	7.777	56	106842	21.341	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	109635	20.960	ug/l	99
36) 1,1-Dichloropropene	7.911	75	97705	21.777	ug/l	98
37) Ethyl Acetate	7.070	43	68100	22.132	ug/l #	93
38) Carbon Tetrachloride	7.893	117	99562	21.257	ug/l	98
39) Methylcyclohexane	9.179	83	113130	21.095	ug/l	99
40) Benzene	8.155	78	286317	21.082	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	39746m	26.441	ug/l	
42) 1,2-Dichloroethane	8.228	62	86637	21.703	ug/l	94
43) Isopropyl Acetate	8.265	43	111353	21.355	ug/l #	93
44) Trichloroethene	8.935	130	80765	21.331	ug/l	94
45) 1,2-Dichloropropane	9.209	63	76089	21.839	ug/l	96
46) Dibromomethane	9.301	93	45710	21.550	ug/l	97
47) Bromodichloromethane	9.490	83	98803	21.141	ug/l	96
48) Methyl methacrylate	9.289	41	51325	21.645	ug/l #	82
49) 1,4-Dioxane	9.295	88	15742	415.625	ug/l #	54
51) 4-Methyl-2-Pentanone	10.063	43	336721	109.075	ug/l	91
52) Toluene	10.240	92	177054	20.716	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	102326	20.475	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	114519	20.538	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	64041	20.750	ug/l	97
56) Ethyl methacrylate	10.508	69	85806	20.438	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	106881	21.254	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	249377	122.610	ug/l	98
59) 2-Hexanone	10.825	43	241687	108.381	ug/l	89
60) Dibromochloromethane	10.977	129	76106	21.045	ug/l	99
61) 1,2-Dibromoethane	11.081	107	63302	21.009	ug/l	99
64) Tetrachloroethene	10.715	164	88661	22.448	ug/l	97
65) Chlorobenzene	11.514	112	194494	20.656	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	74784	20.897	ug/l	98
67) Ethyl Benzene	11.587	91	327390	20.389	ug/l	99
68) m/p-Xylenes	11.697	106	260374	40.880	ug/l	95
69) o-Xylene	12.026	106	119630	19.803	ug/l	98
70) Styrene	12.038	104	212211	20.418	ug/l	97
71) Bromoform	12.203	173	57236	21.052	ug/l #	98
73) Isopropylbenzene	12.325	105	321255	20.936	ug/l	100
74) N-amyl acetate	12.142	43	95956	20.720	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	84382	21.429	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	61865m	22.502	ug/l	
77) Bromobenzene	12.605	156	86945	20.745	ug/l	98
78) n-propylbenzene	12.666	91	404615	21.617	ug/l	99
79) 2-Chlorotoluene	12.752	91	226931	21.067	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	273045	21.019	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.374	75	28690	20.311	ug/l	88
82) 4-Chlorotoluene	12.849	91	240248	21.289	ug/l	96
83) tert-Butylbenzene	13.075	119	233007	20.410	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	271053	20.910	ug/l	98
85) sec-Butylbenzene	13.251	105	356865	21.183	ug/l	99
86) p-Isopropyltoluene	13.367	119	300021	21.162	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	170682	20.829	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	168896	20.566	ug/l	100
89) n-Butylbenzene	13.690	91	279278	21.316	ug/l	99
90) Hexachloroethane	13.959	117	61620	21.942	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	154895	20.868	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15853	21.990	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	98820	20.612	ug/l	98
94) Hexachlorobutadiene	15.111	225	65143	22.108	ug/l	99
95) Naphthalene	15.233	128	200044	19.612	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	90086	20.623	ug/l	99

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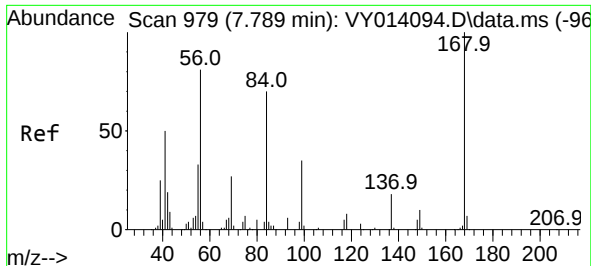
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

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



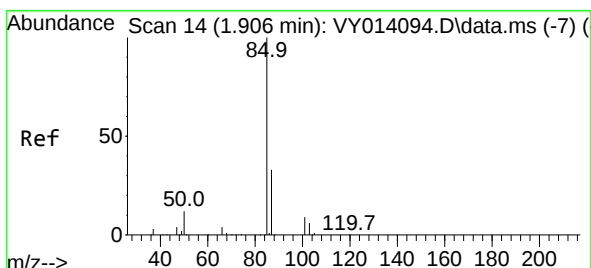
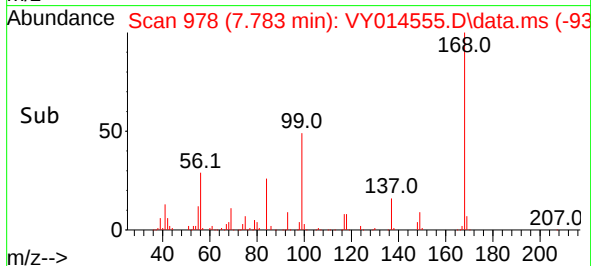
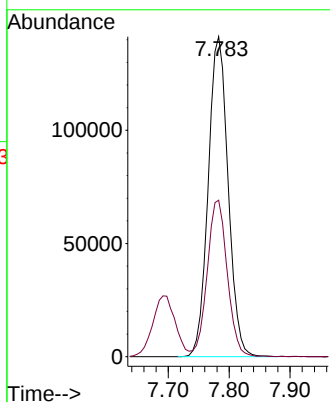
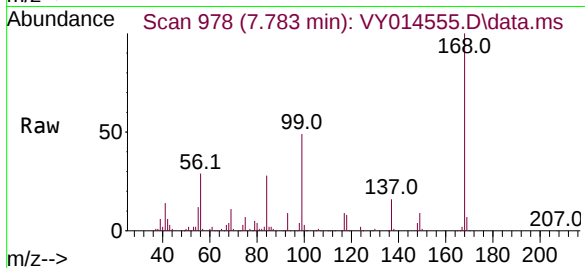
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 32078
Ion Ratio Lower Upper
168 100
99 48.8 43.4 65.0

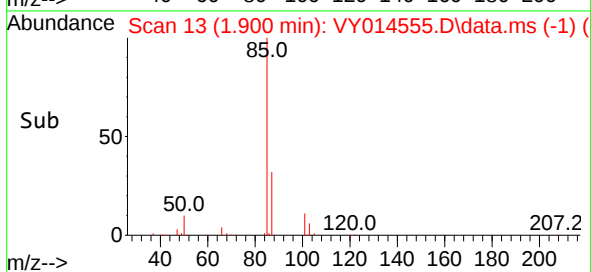
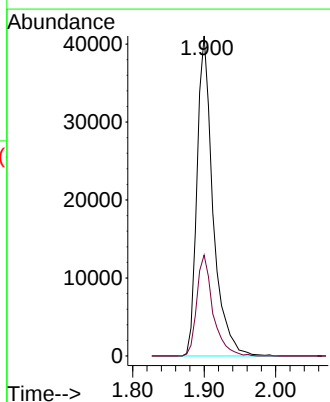
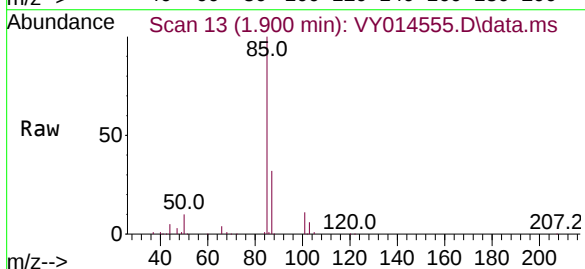
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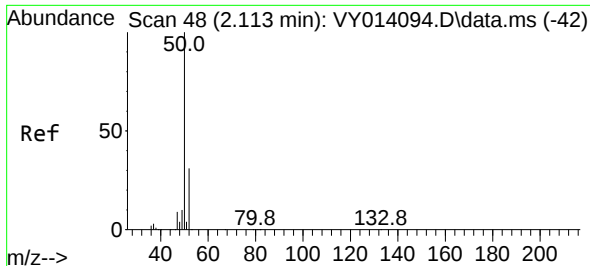
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#2
Dichlorodifluoromethane
Concen: 25.409 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Tgt Ion: 85 Resp: 63617
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.8





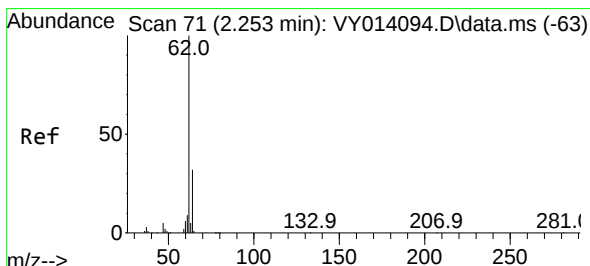
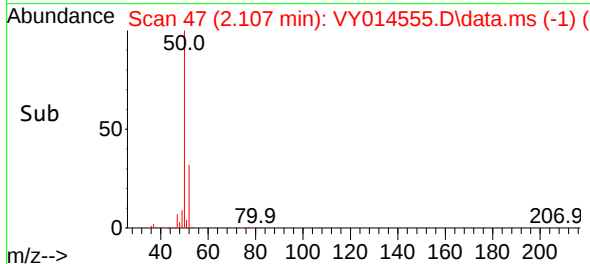
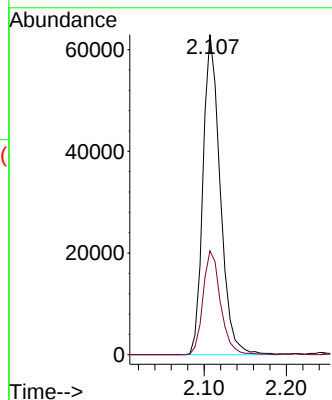
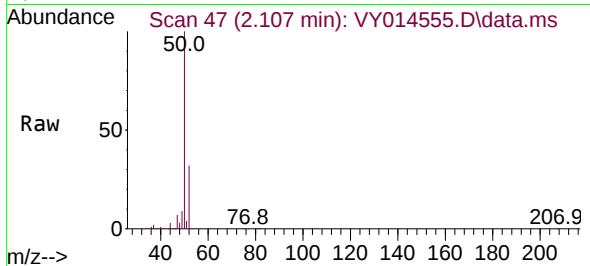
#3
Chloromethane
Concen: 24.603 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Instrument :
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ClientSampleId :
VY0703SBS01

Tgt Ion: 50 Resp: 9140
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

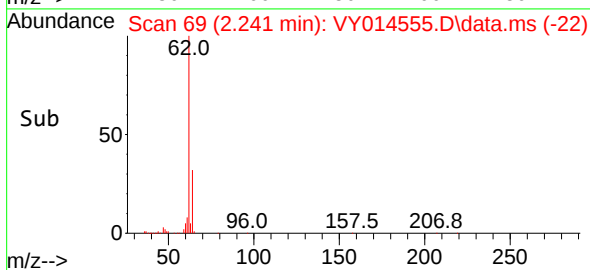
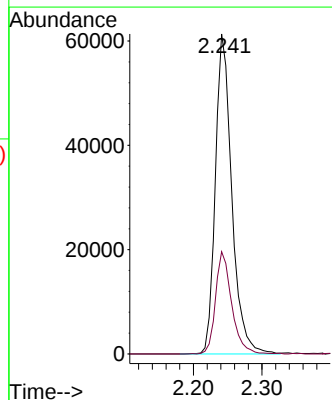
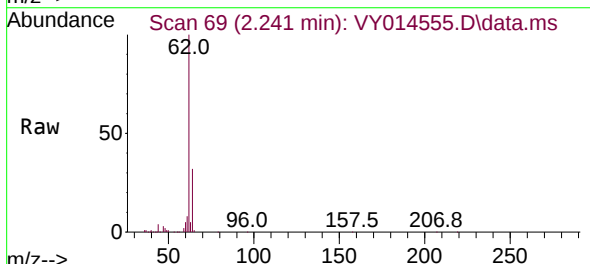
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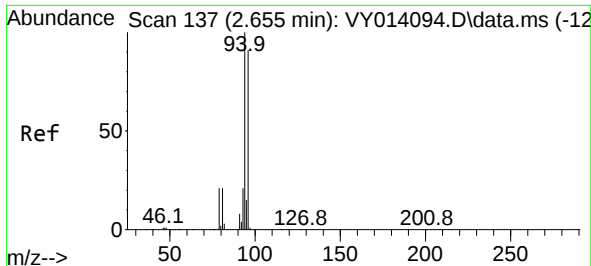
Reviewed By :John Carlone 07/06/2023
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#4
Vinyl Chloride
Concen: 23.819 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.012 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

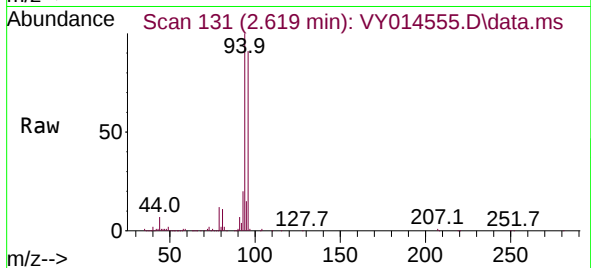
Tgt Ion: 62 Resp: 101998
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5





#5
Bromomethane
Concen: 26.646 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.036 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

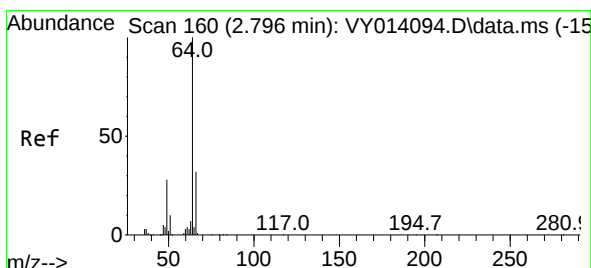
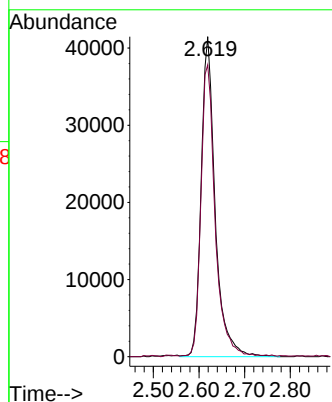
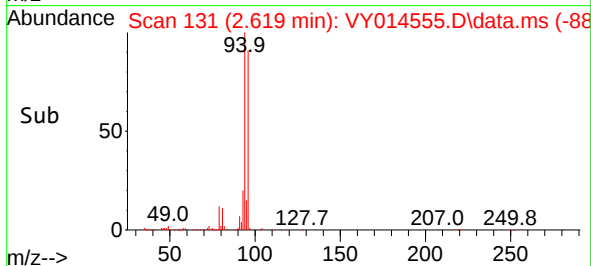
Instrument :
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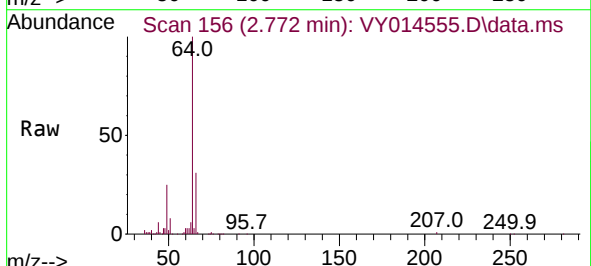
Tgt Ion: 94 Resp: 88478
Ion Ratio Lower Upper
94 100
96 91.0 75.8 113.6

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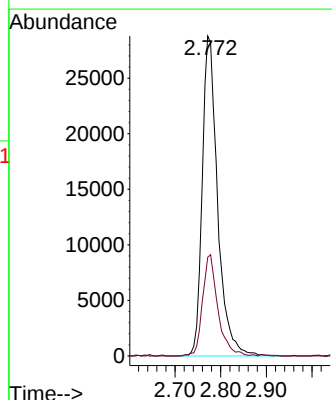
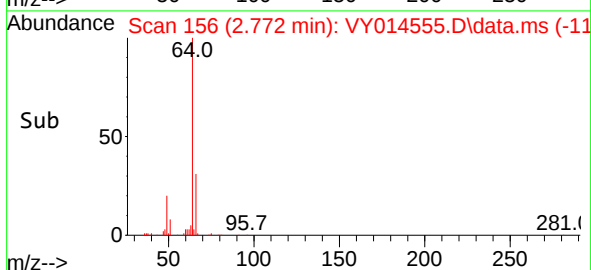
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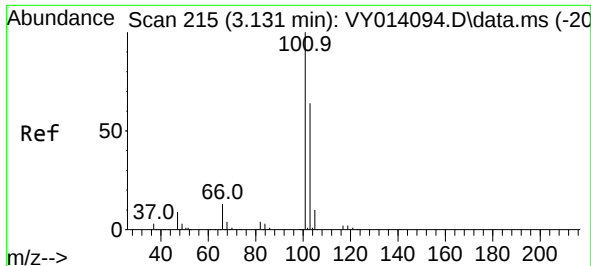


#6
Chloroethane
Concen: 24.294 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.024 min
Lab File: VY014555.D
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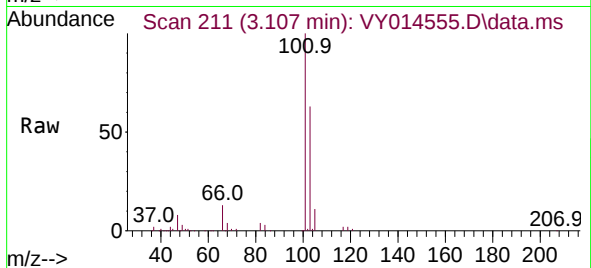
Tgt Ion: 64 Resp: 66985
Ion Ratio Lower Upper
64 100
66 30.8 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 23.207 ug/l
 RT: 3.107 min Scan# 215
 Delta R.T. -0.024 min
 Lab File: VY014555.D
 Acq: 05 Jul 2023 13:57

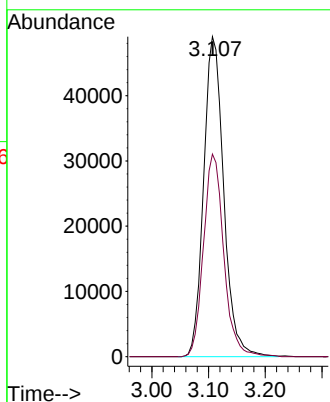
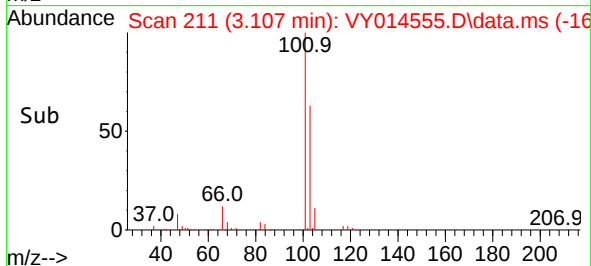
Instrument :
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 ClientSampleId :
 VY0703SBS01



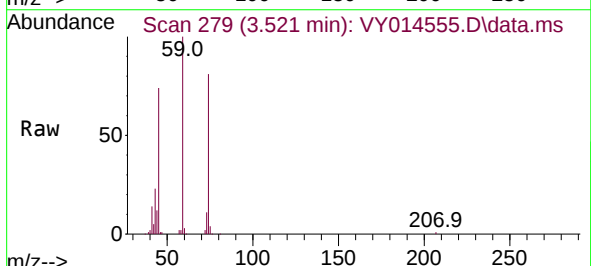
Tgt Ion:101 Resp: 120690
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.4 77.0

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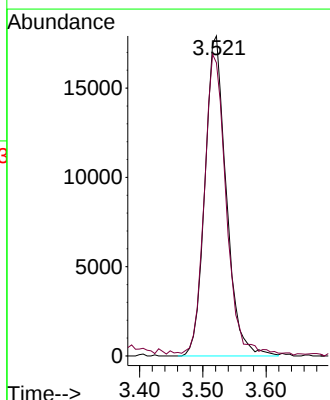
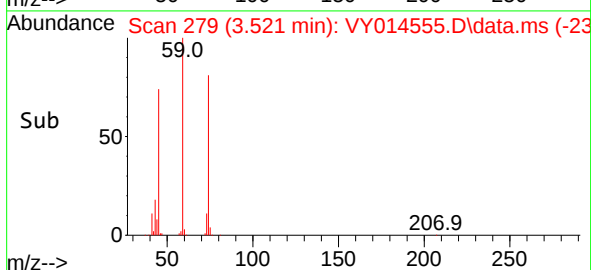
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/06/2023



#8
 Diethyl Ether
 Concen: 21.305 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.012 min
 Lab File: VY014555.D
 Acq: 05 Jul 2023 13:57



Tgt Ion: 74 Resp: 41954
 Ion Ratio Lower Upper
 74 100
 45 96.5 51.5 154.5





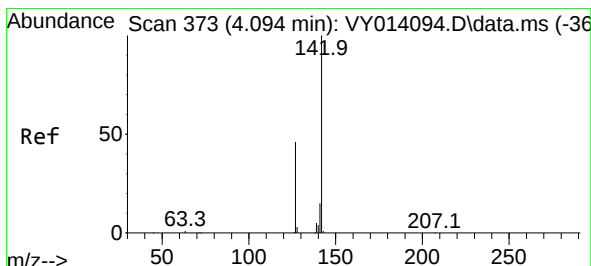
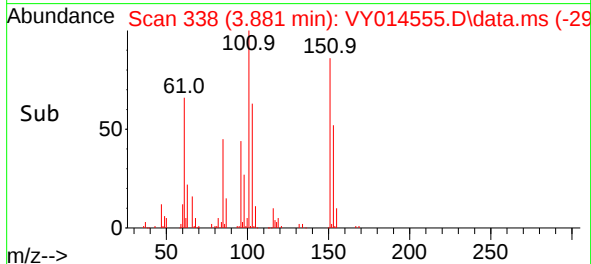
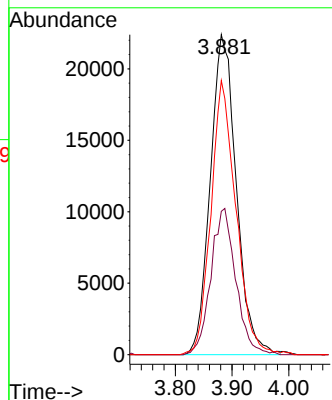
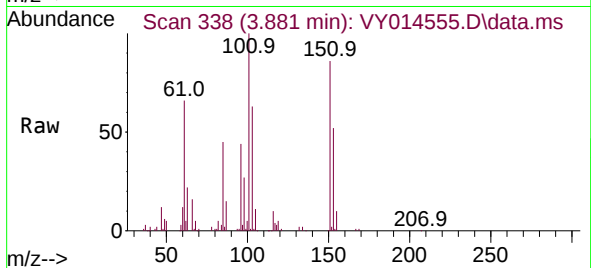
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.951 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.024 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

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Tgt Ion:101 Resp: 7128
Ion Ratio Lower Upper
101 100
85 43.8 36.6 55.0
151 82.4 67.0 100.6

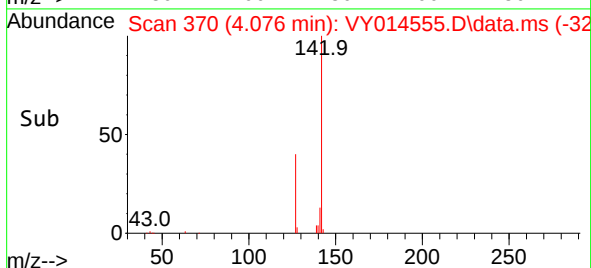
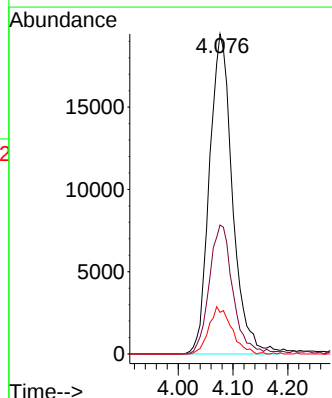
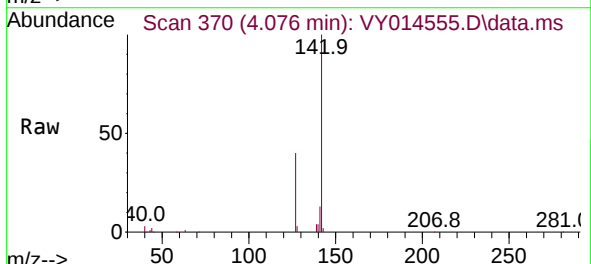
Manual Integrations
APPROVED

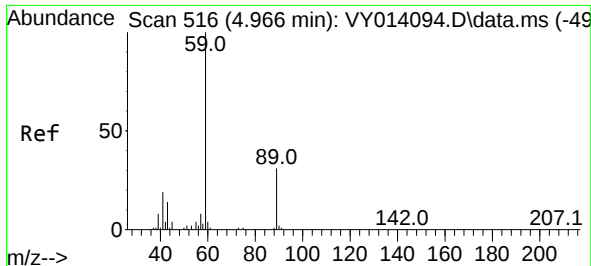
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#10
Methyl Iodide
Concen: 16.007 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.018 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Tgt Ion:142 Resp: 56730
Ion Ratio Lower Upper
142 100
127 41.7 37.6 56.4
141 14.5 11.8 17.8





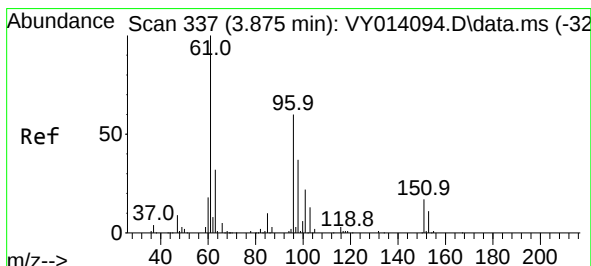
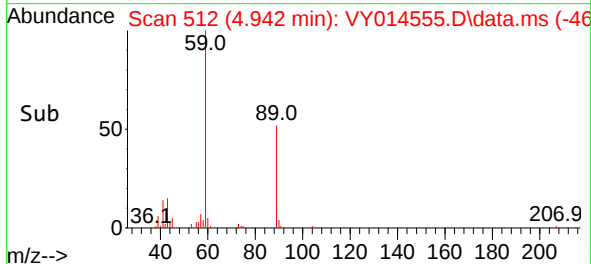
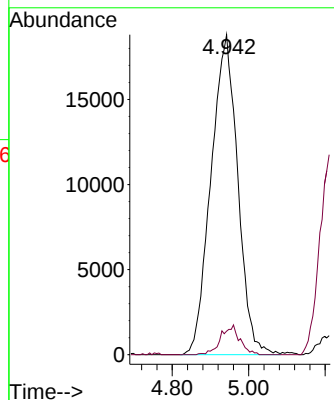
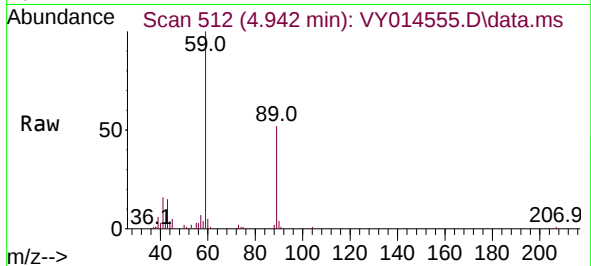
#11
Tert butyl alcohol
Concen: 158.066 ug/l
RT: 4.942 min Scan# 516
Delta R.T. -0.024 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

Tgt Ion: 59 Resp: 9132
Ion Ratio Lower Upper
59 100
57 6.5 3.0 4.4

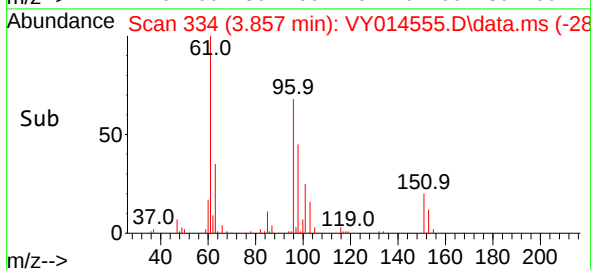
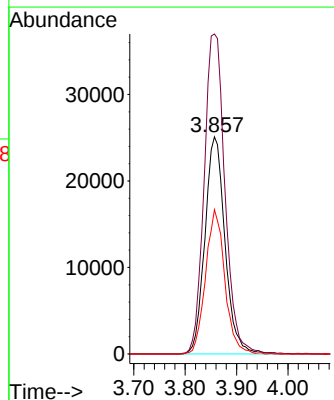
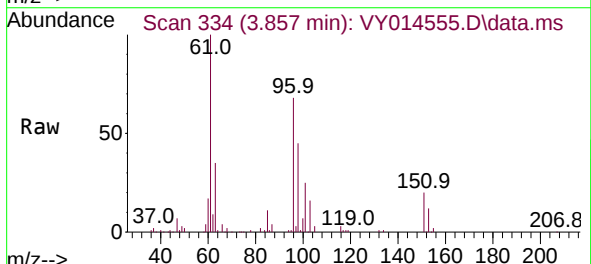
Manual Integrations
APPROVED

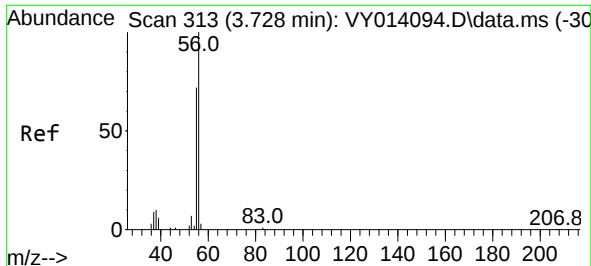
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#12
1,1-Dichloroethene
Concen: 22.706 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.018 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

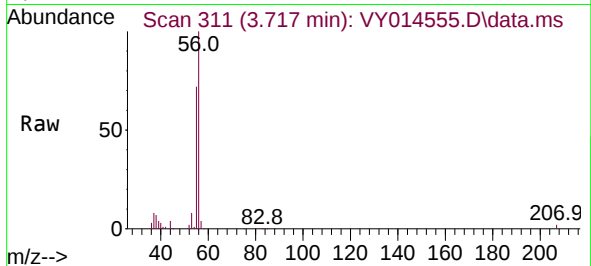
Tgt Ion: 96 Resp: 68317
Ion Ratio Lower Upper
96 100
61 147.4 136.4 204.6
98 66.4 49.4 74.2





#13
Acrolein
Concen: 105.777 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.011 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

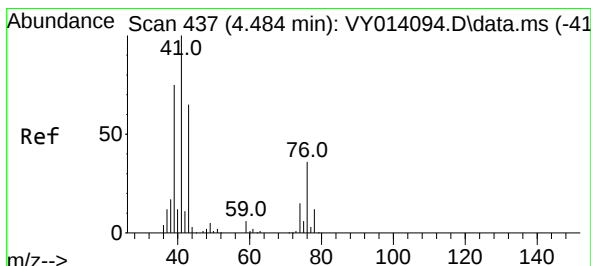
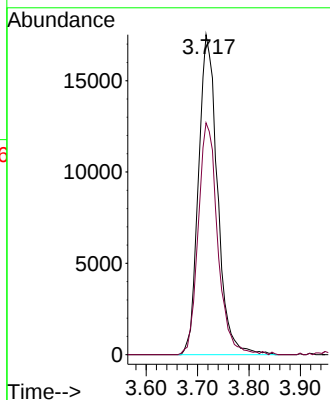
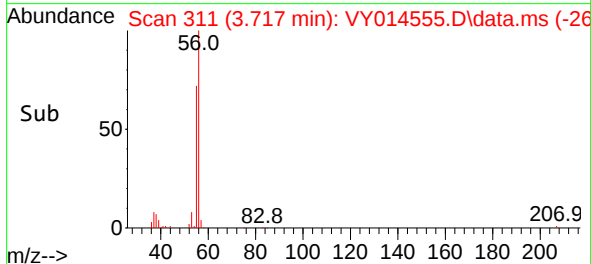
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 56 Resp: 4489
Ion Ratio Lower Upper
56 100
55 74.3 57.0 85.4

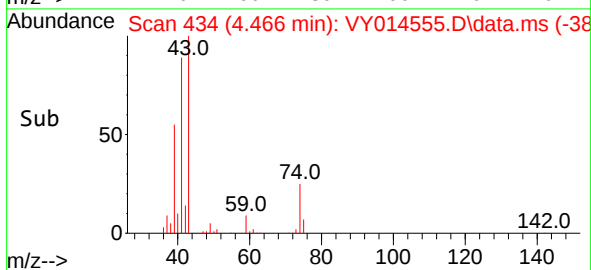
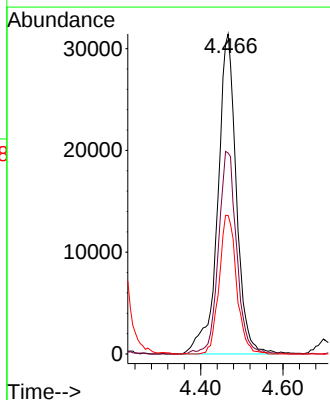
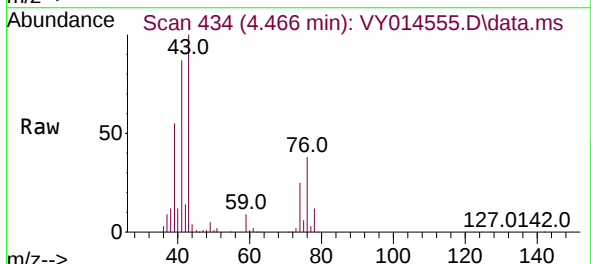
Manual Integrations
APPROVED

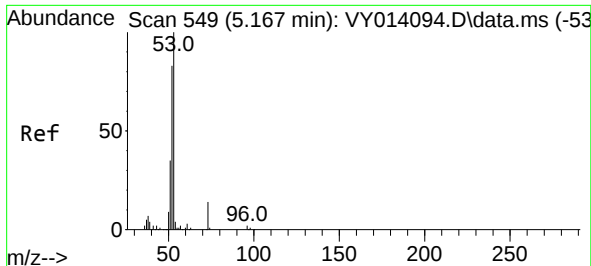
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#14
Allyl chloride
Concen: 21.792 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.018 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

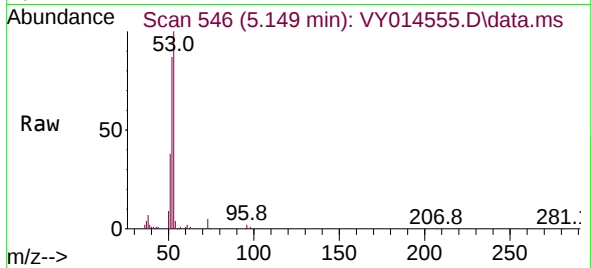
Tgt Ion: 41 Resp: 98827
Ion Ratio Lower Upper
41 100
39 62.0 58.0 87.0
76 40.5 27.4 41.2





#15
Acrylonitrile
Concen: 109.890 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

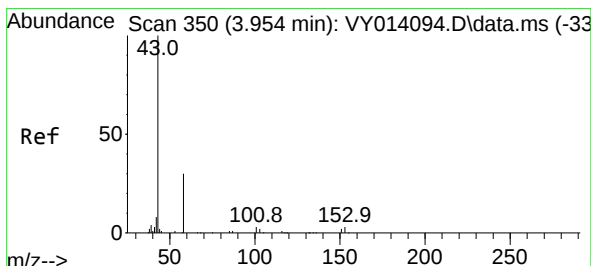
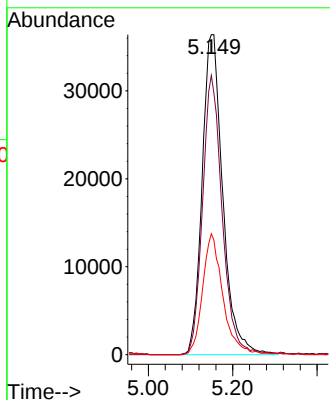
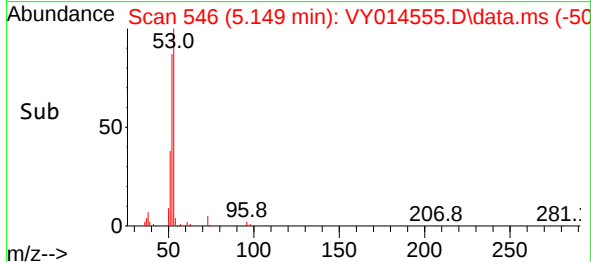
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 53 Resp: 124229
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 37.0 29.8 44.6

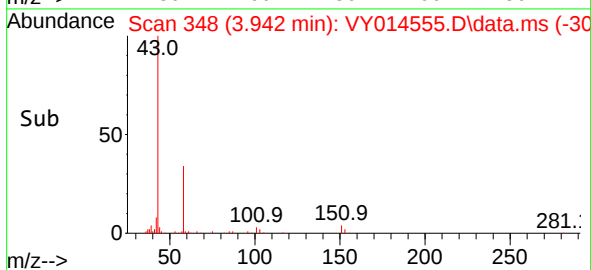
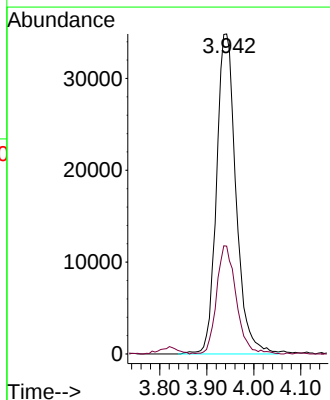
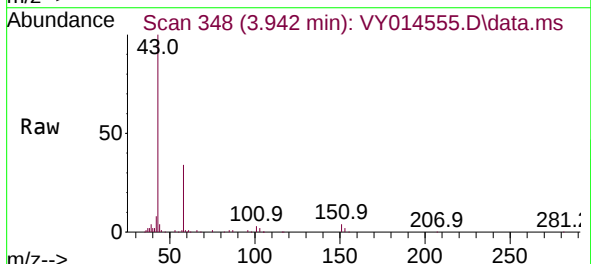
Manual Integrations
APPROVED

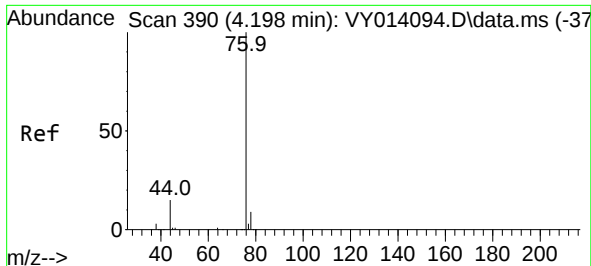
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#16
Acetone
Concen: 101.096 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

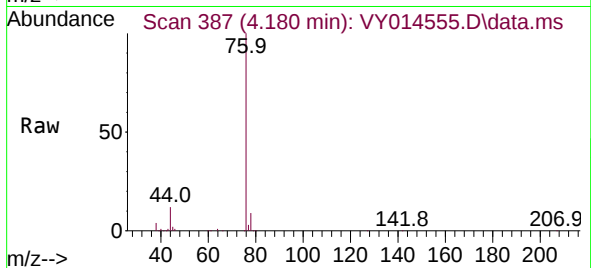
Tgt Ion: 43 Resp: 100747
Ion Ratio Lower Upper
43 100
58 33.5 22.7 34.1





#17
Carbon Disulfide
Concen: 22.775 ug/l
RT: 4.180 min Scan# 390
Delta R.T. -0.018 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

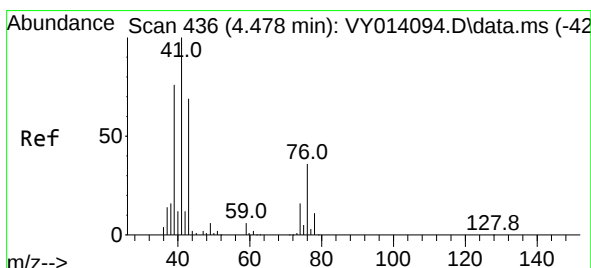
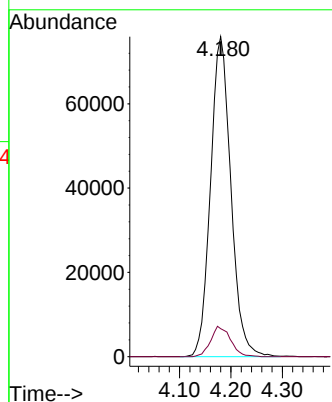
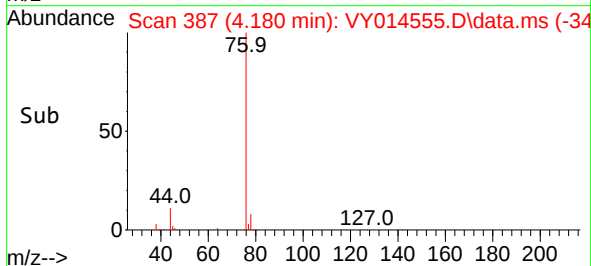
Instrument : MSVOA_Y
ClientSampleId : VY0703SBS01



Tgt Ion: 76 Resp: 208824
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

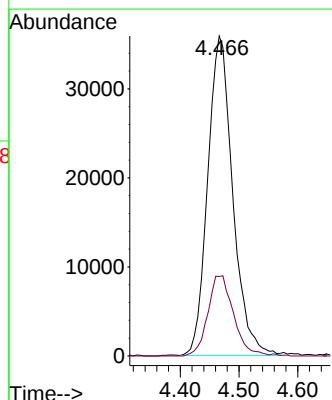
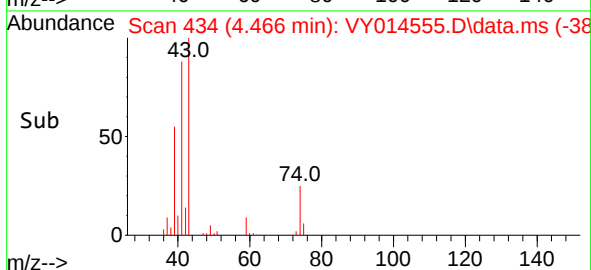
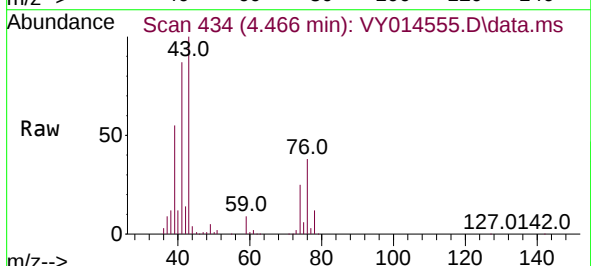
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#18
Methyl Acetate
Concen: 23.430 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

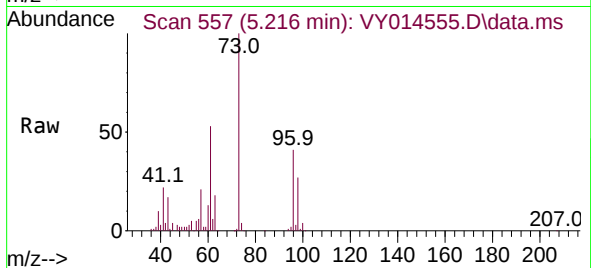
Tgt Ion: 43 Resp: 106289
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 21.463 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

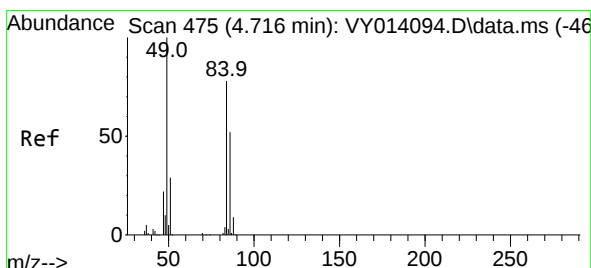
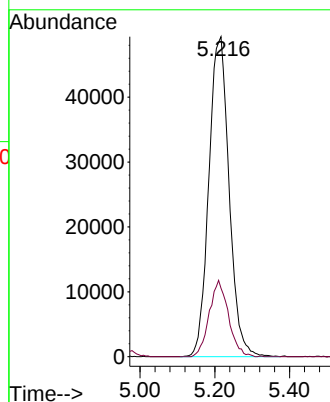
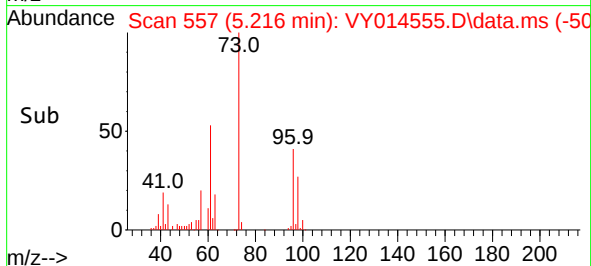
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 73 Resp: 185602
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

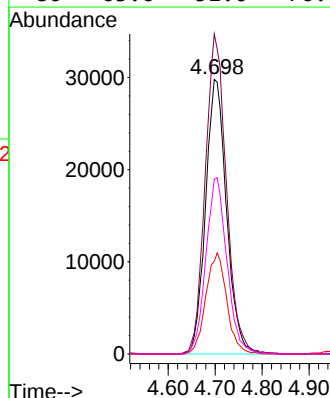
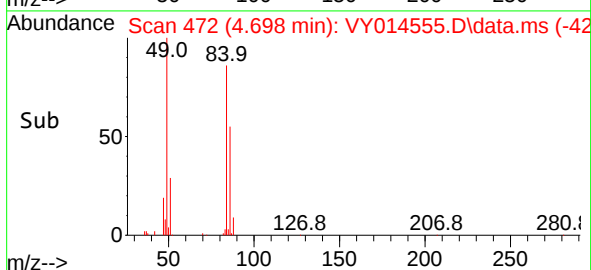
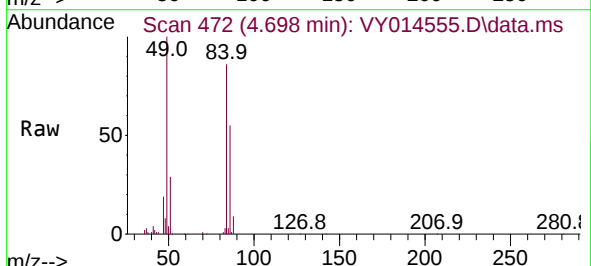
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#20
Methylene Chloride
Concen: 22.899 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

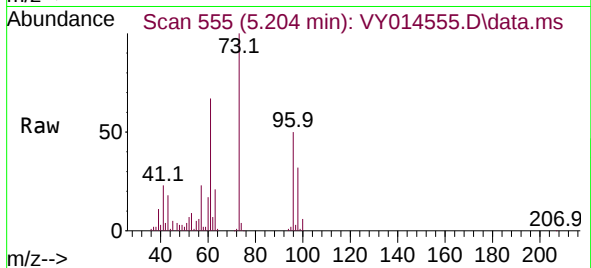
Tgt Ion: 84 Resp: 92491
Ion Ratio Lower Upper
84 100
49 116.5 106.9 160.3
51 33.7 33.2 49.8
86 63.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 21.792 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

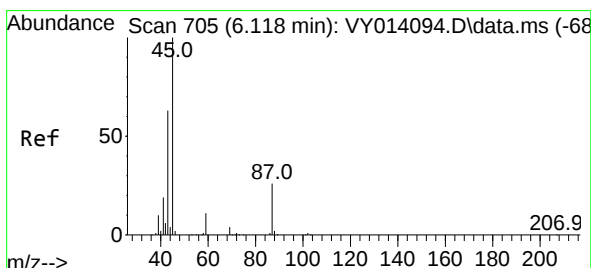
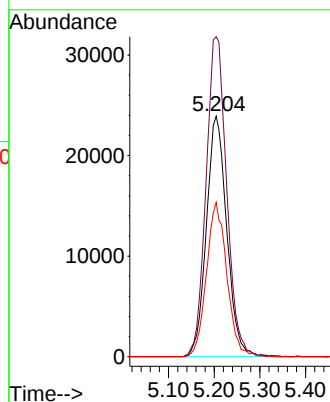
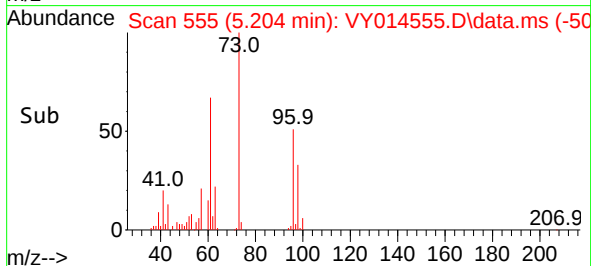
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 96 Resp: 74210
Ion Ratio Lower Upper
96 100
61 133.0 110.2 165.4
98 64.1 51.8 77.6

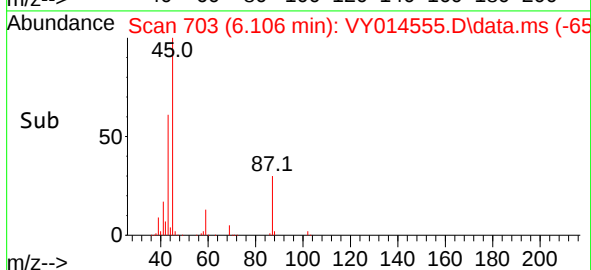
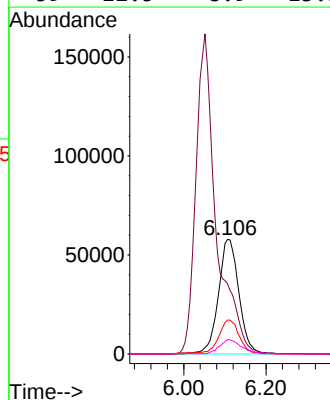
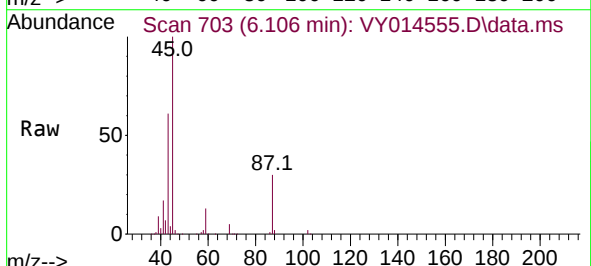
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#22
Diisopropyl ether
Concen: 21.354 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.012 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

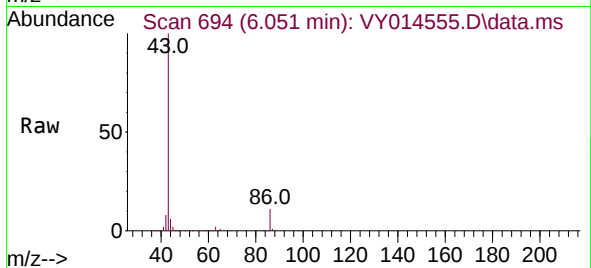
Tgt Ion: 45 Resp: 199543
Ion Ratio Lower Upper
45 100
43 60.7 52.2 78.4
87 29.6 21.0 31.6
59 12.5 8.9 13.3





#23
 Vinyl Acetate
 Concen: 102.853 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY014555.D
 Acq: 05 Jul 2023 13:57

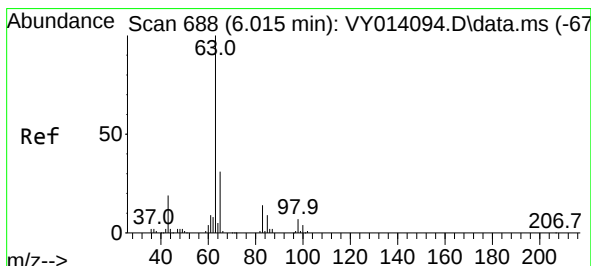
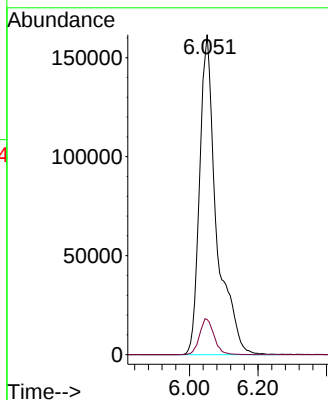
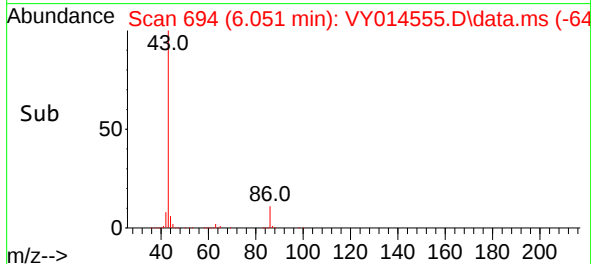
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01



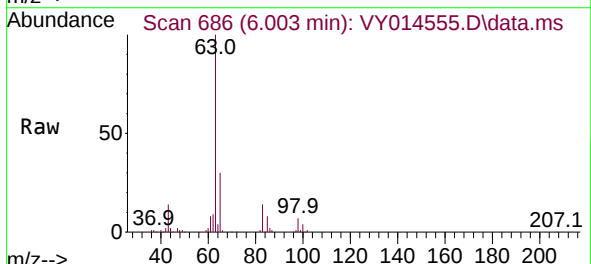
Tgt Ion: 43 Resp: 556062
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.5 11.3

Manual Integrations
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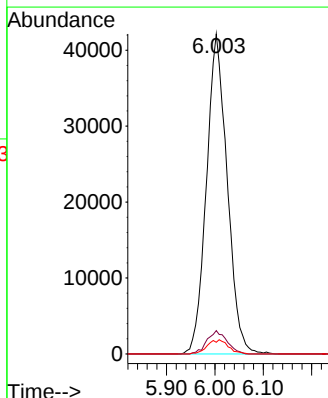
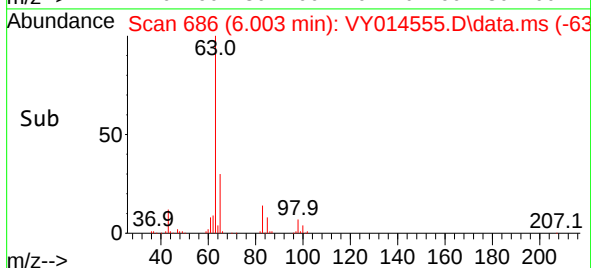
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/06/2023

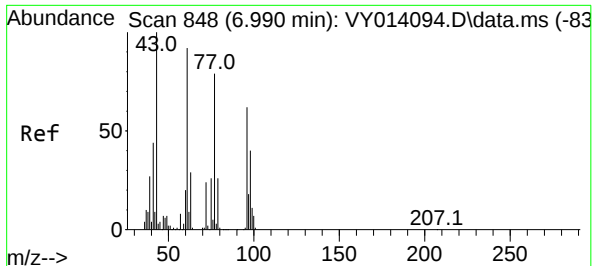


#24
 1,1-Dichloroethane
 Concen: 21.414 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.012 min
 Lab File: VY014555.D
 Acq: 05 Jul 2023 13:57



Tgt Ion: 63 Resp: 125621
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 3.7 1.8 5.5





#25

2-Butanone

Concen: 103.840 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

Tgt Ion: 43 Resp: 15322

Ion Ratio Lower Upper

43 100

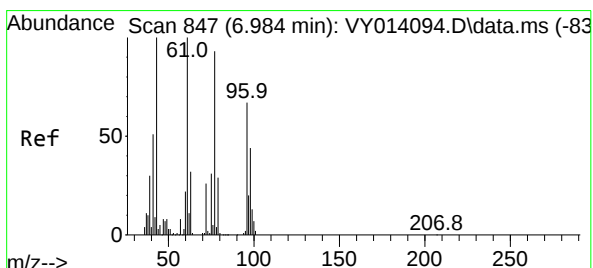
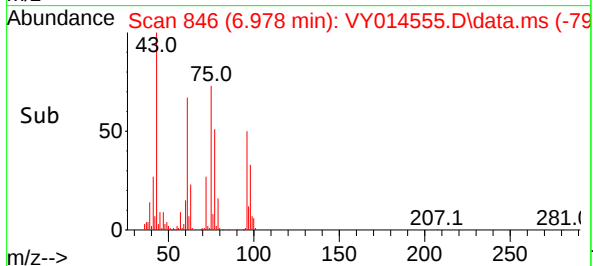
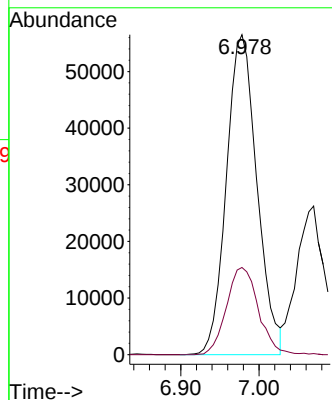
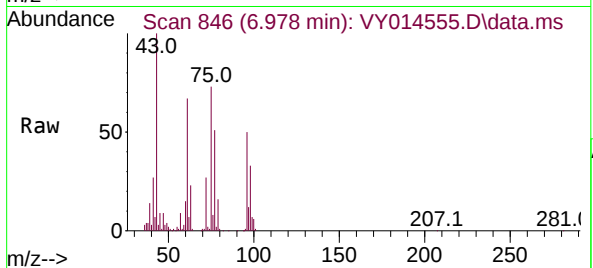
72 27.2 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#26

2,2-Dichloropropane

Concen: 19.451 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY014555.D

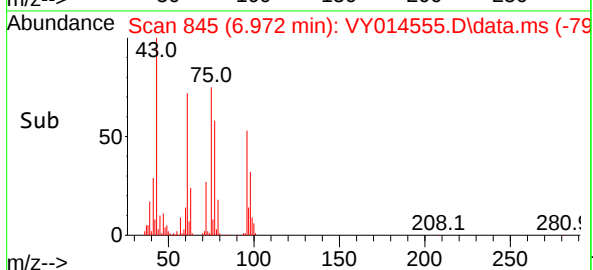
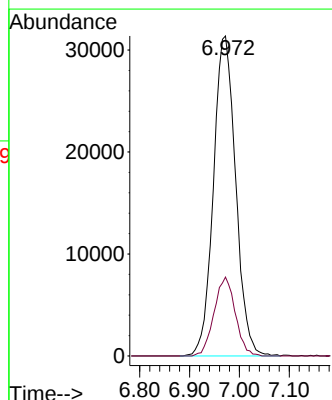
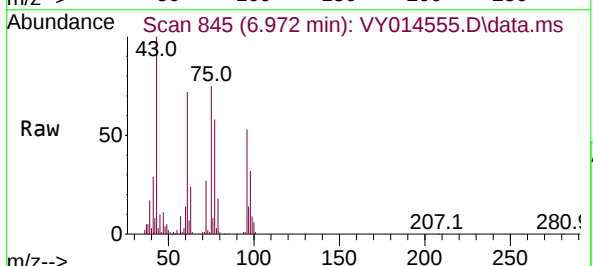
Acq: 05 Jul 2023 13:57

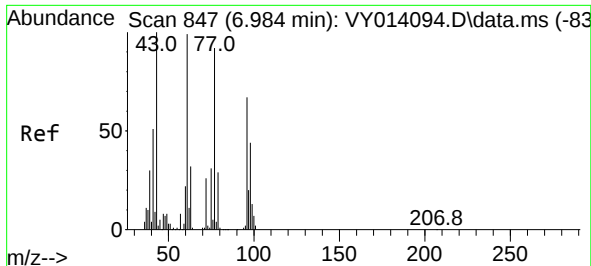
Tgt Ion: 77 Resp: 97255

Ion Ratio Lower Upper

77 100

97 23.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.401 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

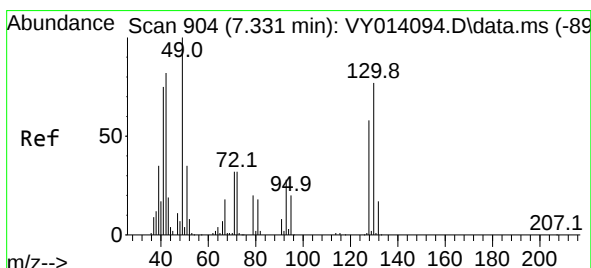
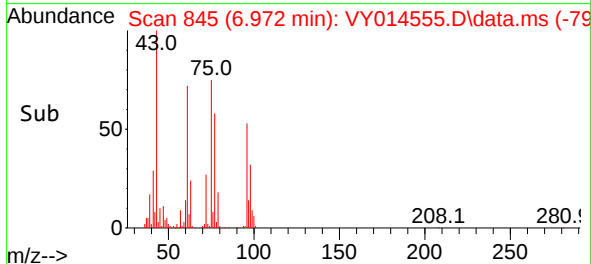
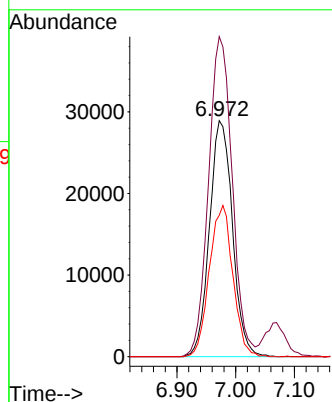
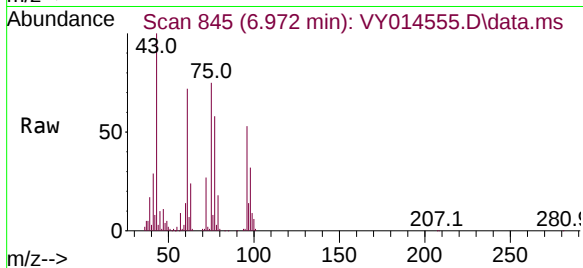
Tgt Ion:	96	Resp:	78814
Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	301.4
98	65.3	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#28

Bromochloromethane

Concen: 24.276 ug/l

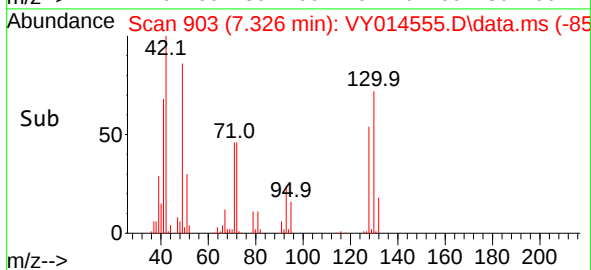
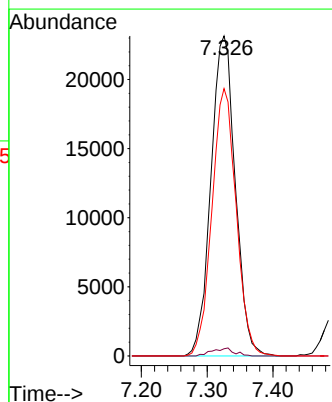
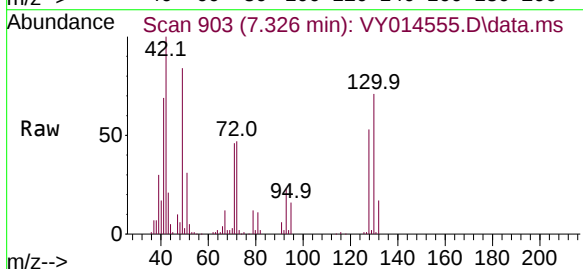
RT: 7.326 min Scan# 903

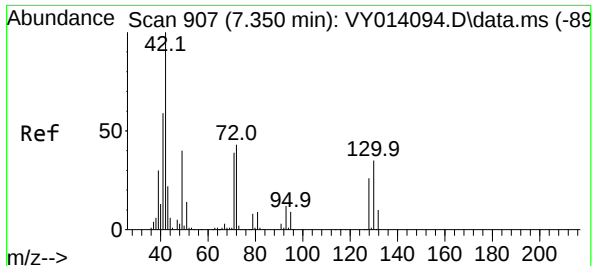
Delta R.T. -0.005 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Tgt Ion:	49	Resp:	59798
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	82.9	60.7	91.1





#29

Tetrahydrofuran

Concen: 109.100 ug/l

RT: 7.338 min Scan# 907

Delta R.T. -0.012 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

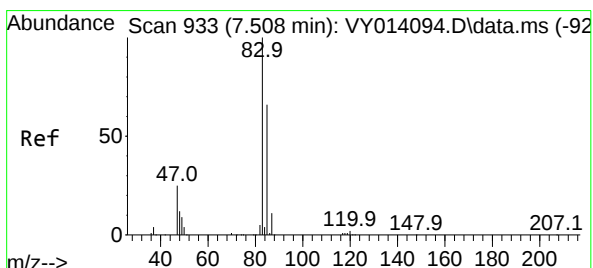
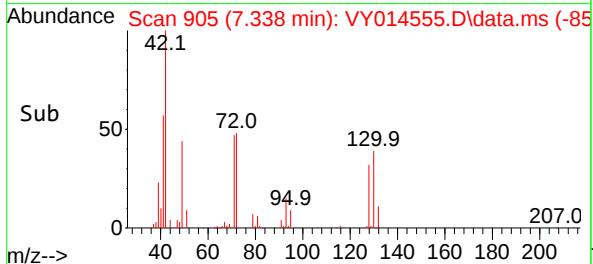
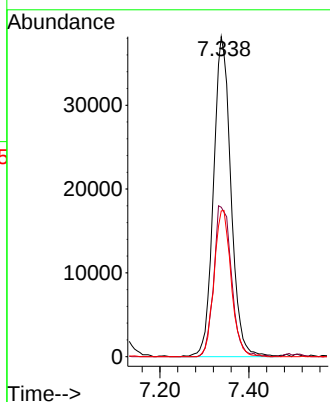
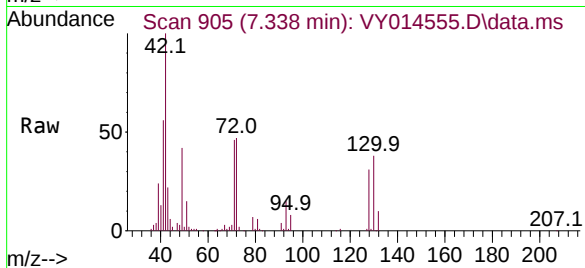
Tgt Ion:	42	Resp:	103839
Ion	Ratio	Lower	Upper
42	100		
72	47.6	32.8	49.2
71	44.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#30

Chloroform

Concen: 21.323 ug/l

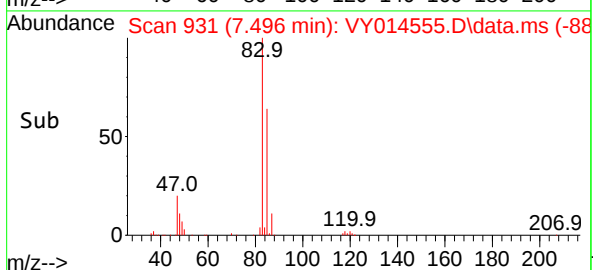
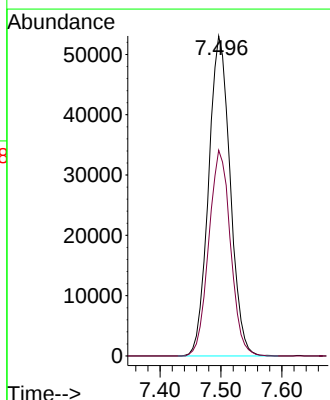
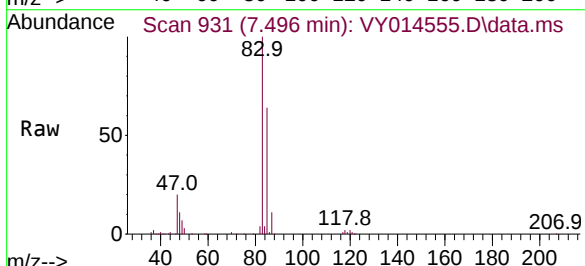
RT: 7.496 min Scan# 931

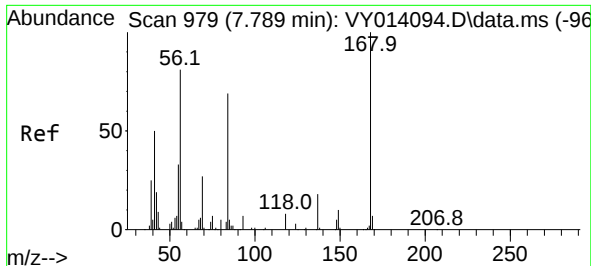
Delta R.T. -0.012 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

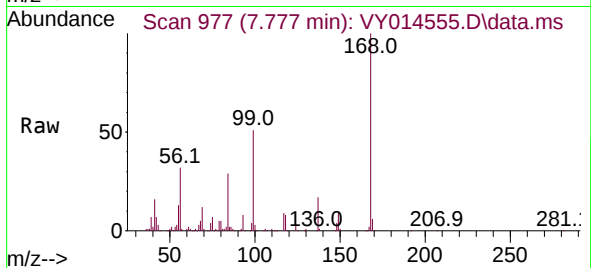
Tgt Ion:	83	Resp:	130484
Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.7	74.5





#31
Cyclohexane
Concen: 21.341 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

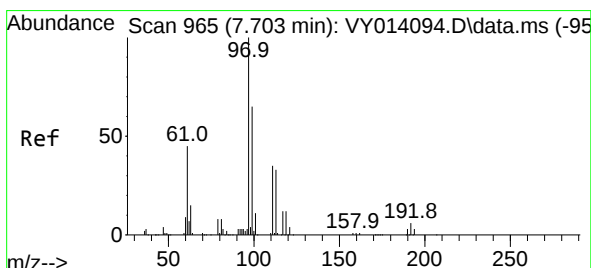
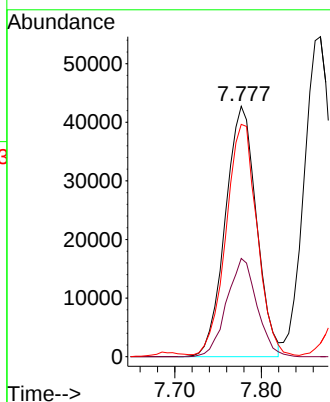
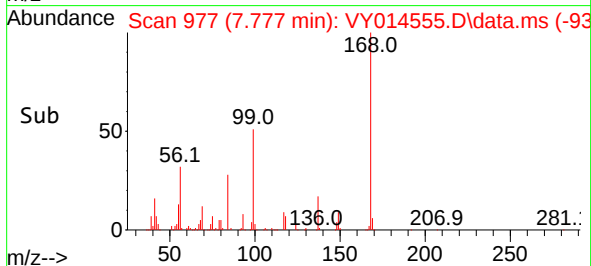
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 56 Resp: 10684
Ion Ratio Lower Upper
56 100
69 39.3 27.8 41.6
84 91.7 66.4 99.6

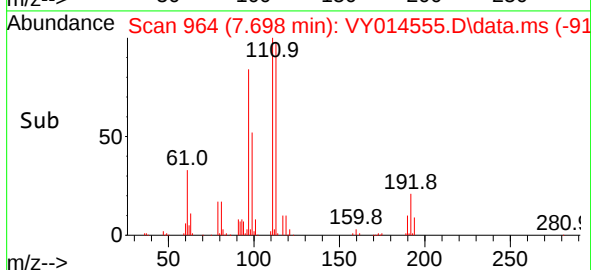
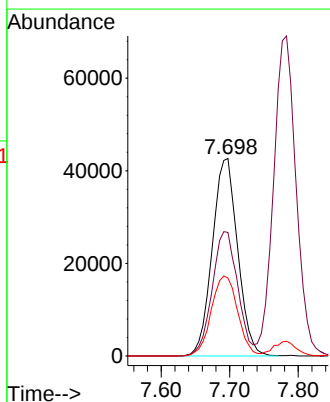
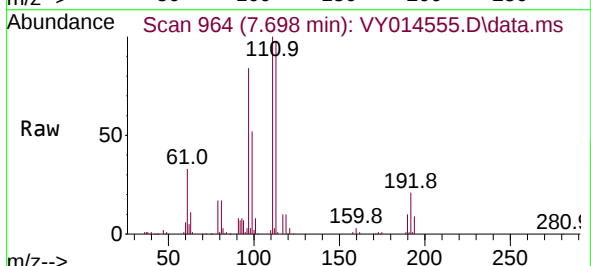
Manual Integrations
APPROVED

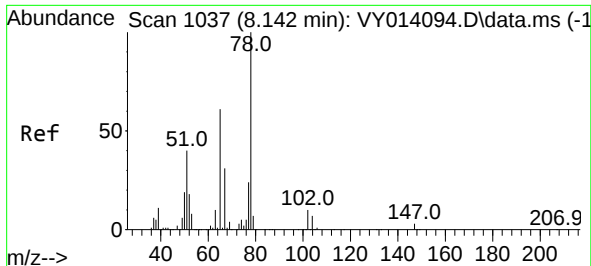
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#32
1,1,1-Trichloroethane
Concen: 20.960 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Tgt Ion: 97 Resp: 109635
Ion Ratio Lower Upper
97 100
99 63.3 50.8 76.2
61 42.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.988 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

Tgt Ion: 65 Resp: 169089

Ion Ratio Lower Upper

65 100

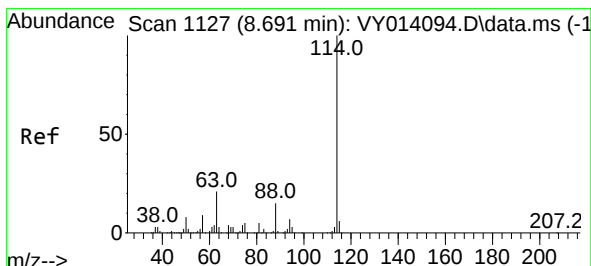
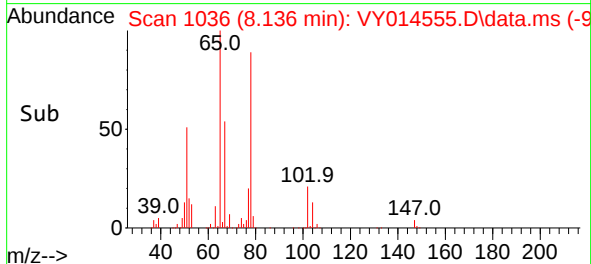
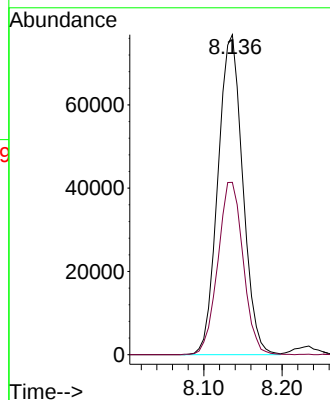
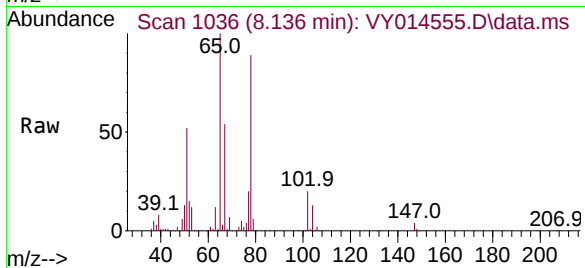
67 55.0 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

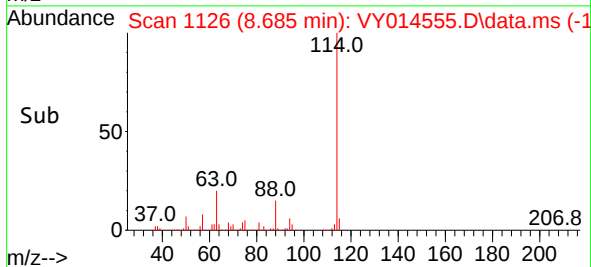
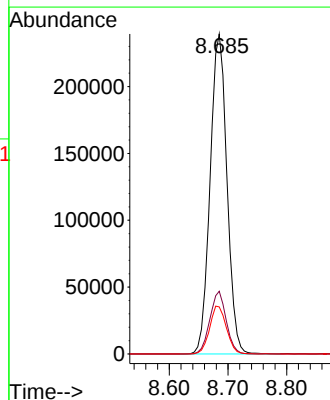
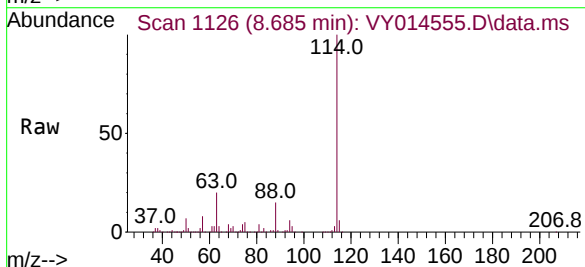
Tgt Ion:114 Resp: 475762

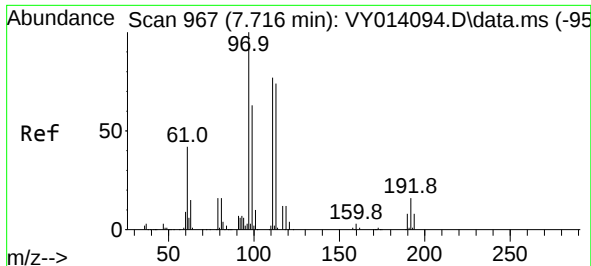
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

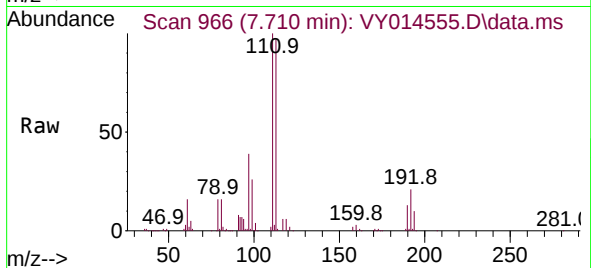
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.006 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

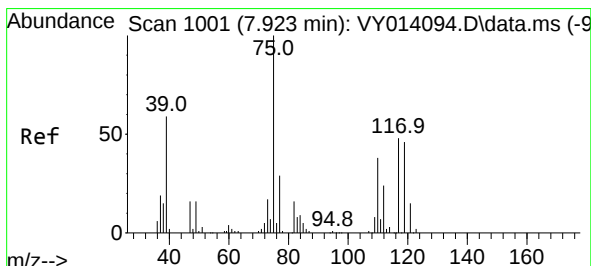
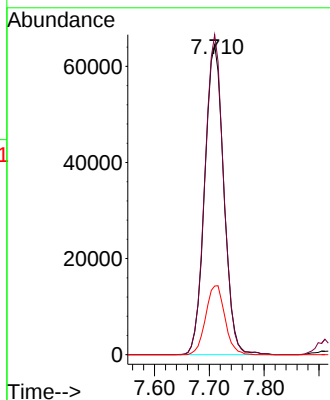
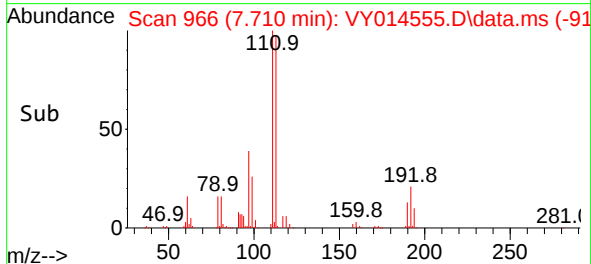
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion:113 Resp: 155298
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 22.5 16.9 25.3

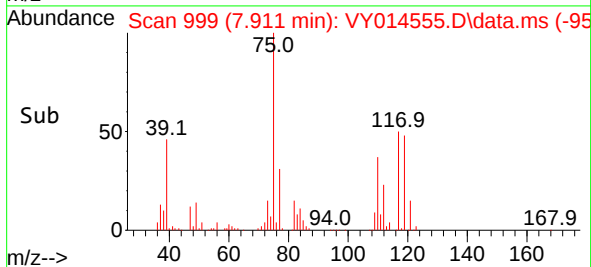
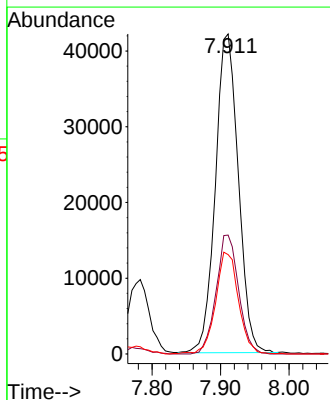
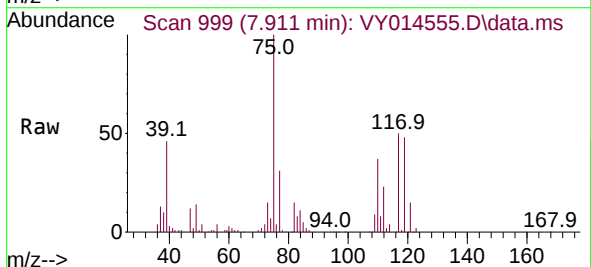
Manual Integrations
APPROVED

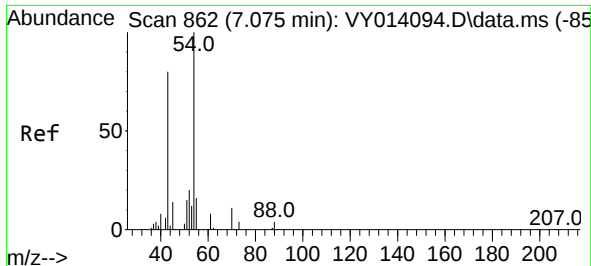
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#36
1,1-Dichloropropene
Concen: 21.777 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Tgt Ion: 75 Resp: 97705
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.9 24.4 36.6





#37

Ethyl Acetate

Concen: 22.132 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.005 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

Tgt Ion: 43 Resp: 68100

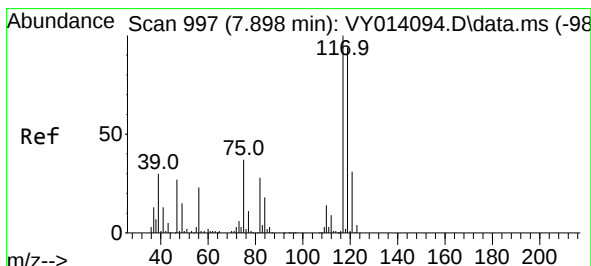
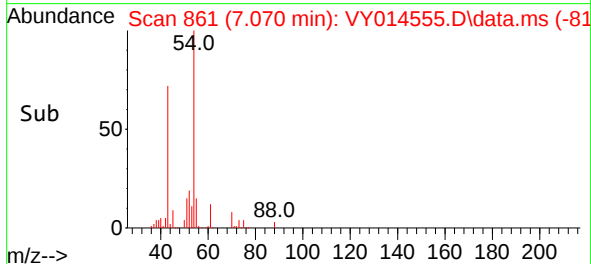
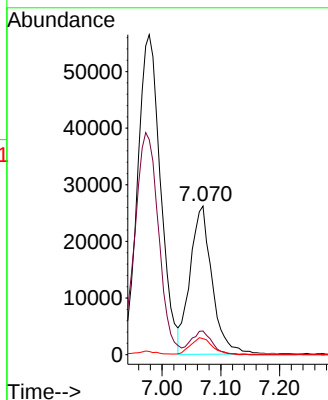
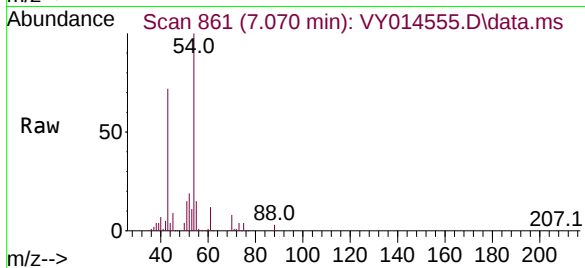
Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.1	15.1
70	11.4	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#38

Carbon Tetrachloride

Concen: 21.257 ug/l

RT: 7.893 min Scan# 996

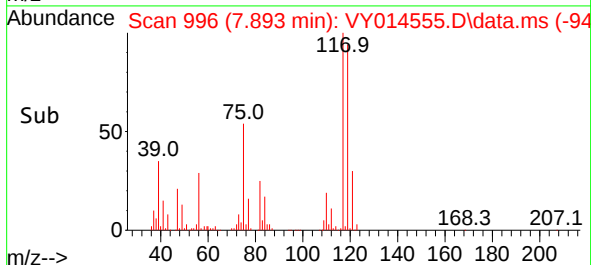
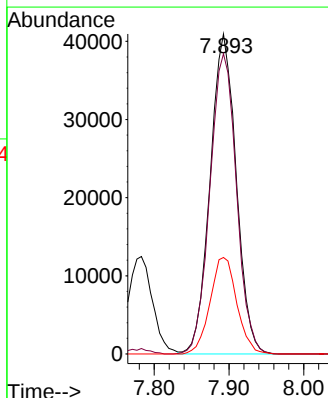
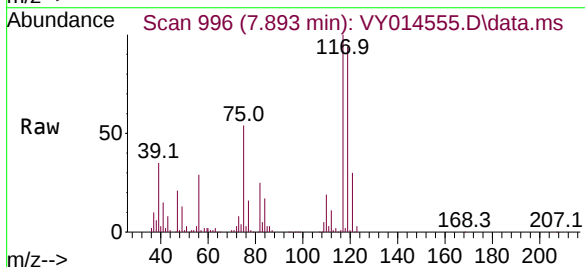
Delta R.T. -0.005 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Tgt Ion:117 Resp: 99562

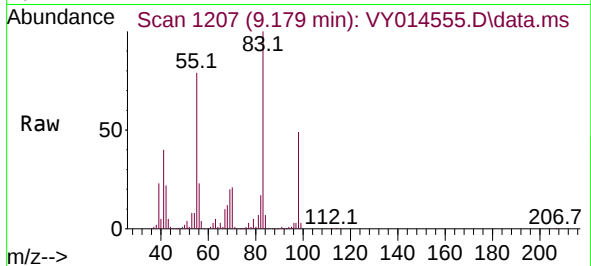
Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.4	114.6
121	30.1	25.8	38.6





#39
Methylcyclohexane
Concen: 21.095 ug/l
RT: 9.179 min Scan# 113130
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

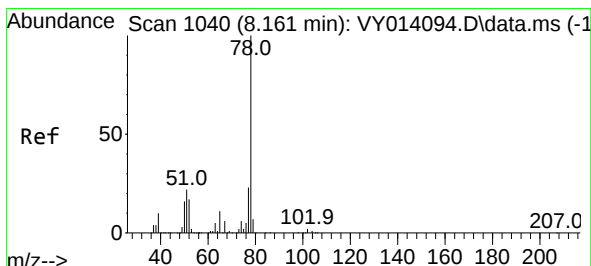
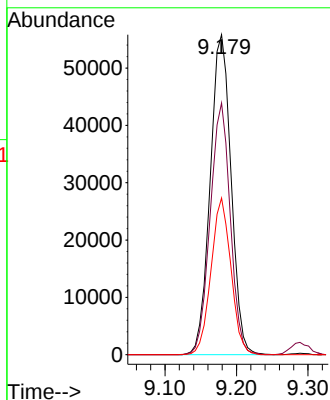
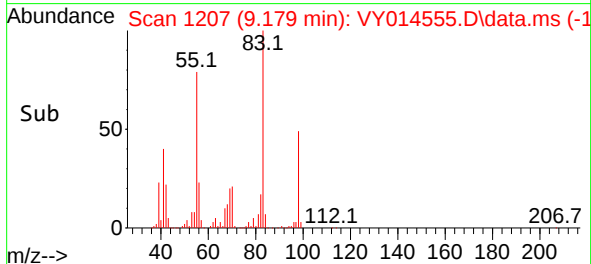
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 83 Resp: 113130
Ion Ratio Lower Upper
83 100
55 78.7 63.0 94.4
98 49.0 37.4 56.2

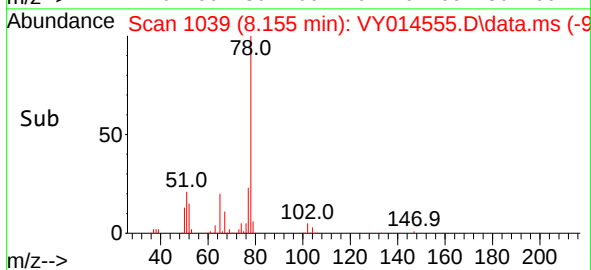
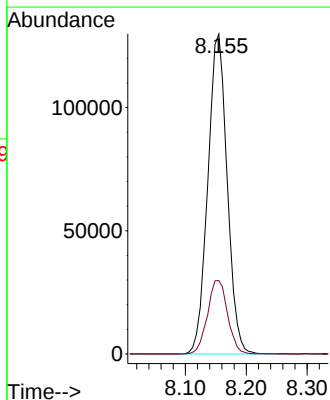
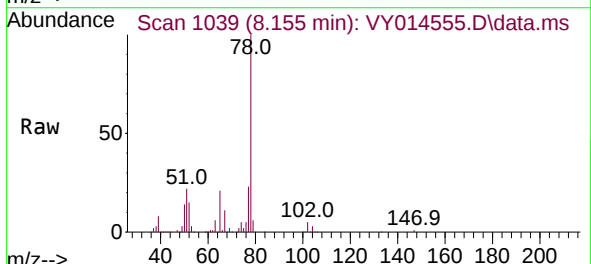
Manual Integrations
APPROVED

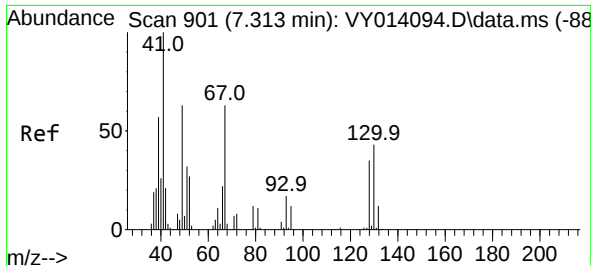
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#40
Benzene
Concen: 21.082 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

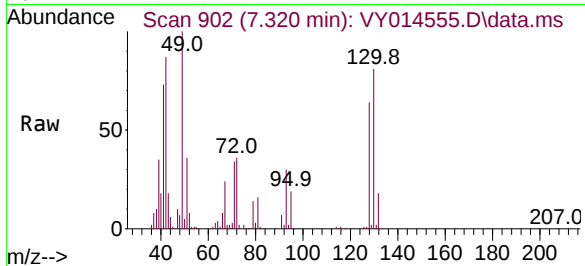
Tgt Ion: 78 Resp: 286317
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 26.441 ug/l m
RT: 7.320 min Scan# 901
Delta R.T. 0.007 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

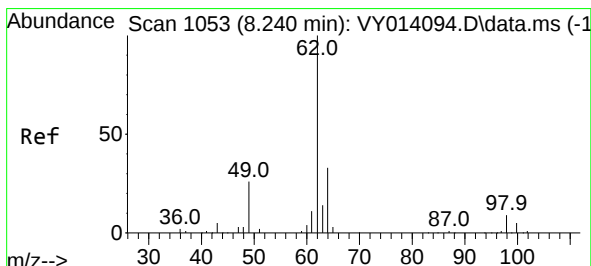
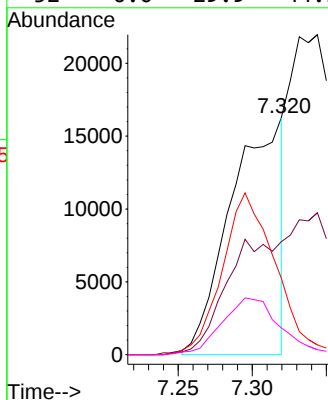
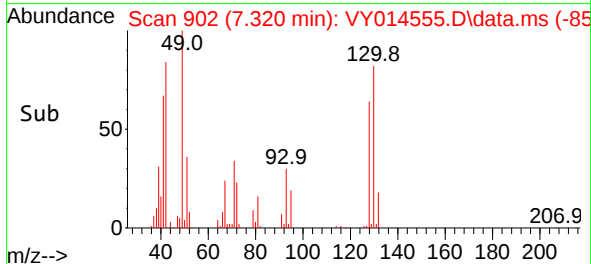
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 41 Resp: 39740
Ion Ratio Lower Upper
41 100
39 109.9 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

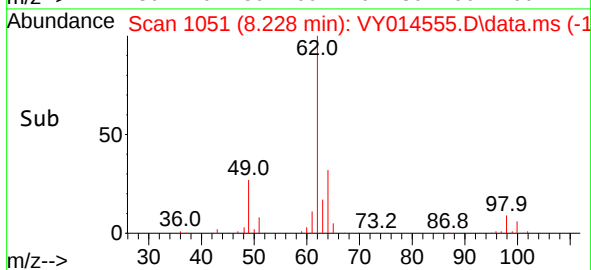
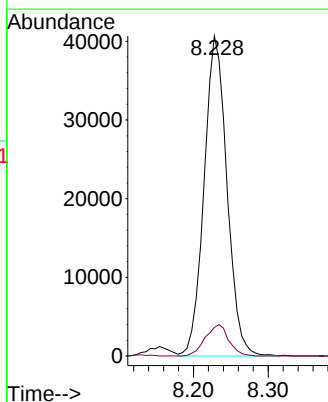
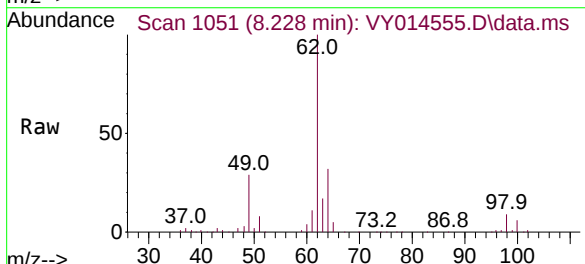
Manual Integrations
APPROVED

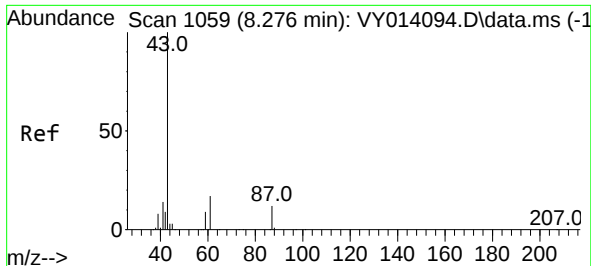
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#42
1,2-Dichloroethane
Concen: 21.703 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.012 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

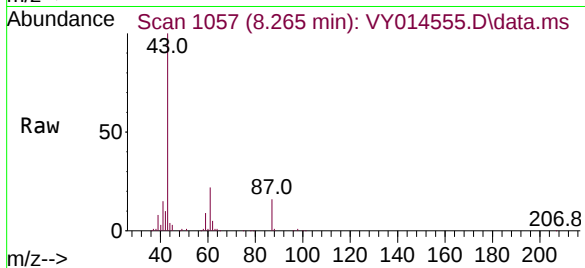
Tgt Ion: 62 Resp: 86637
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 21.355 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. -0.011 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

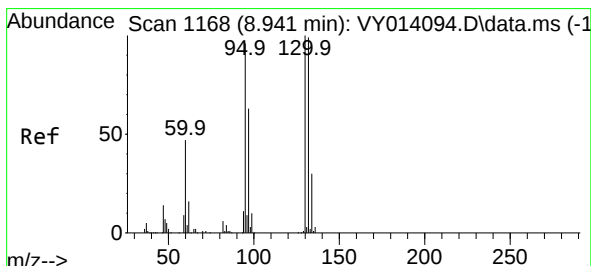
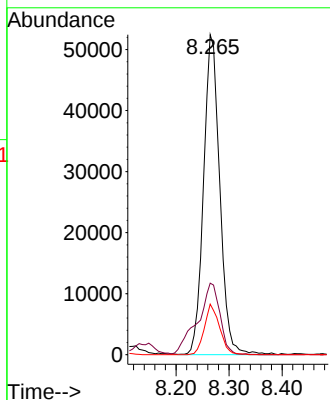
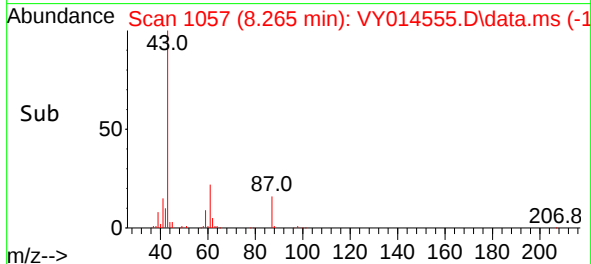
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 43 Resp: 11135
Ion Ratio Lower Upper
43 100
61 30.4 21.1 31.7
87 14.8 9.8 14.8

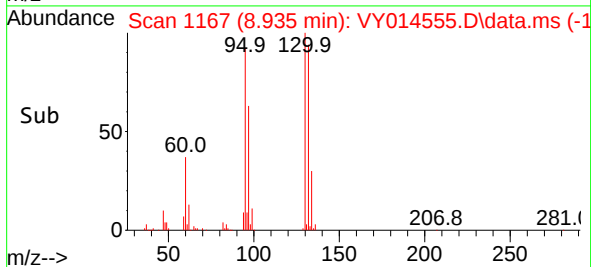
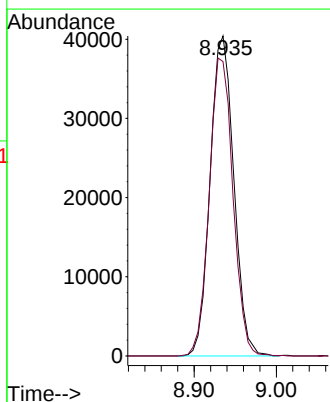
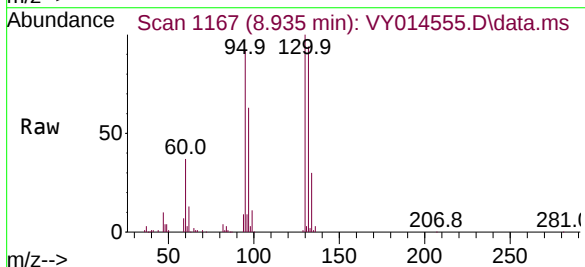
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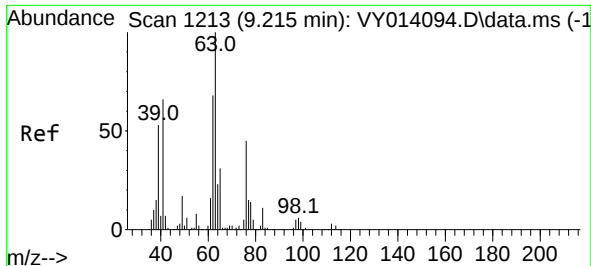
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#44
Trichloroethene
Concen: 21.331 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Tgt Ion:130 Resp: 80765
Ion Ratio Lower Upper
130 100
95 92.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.839 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

Tgt Ion: 63 Resp: 76089

Ion Ratio Lower Upper

63 100

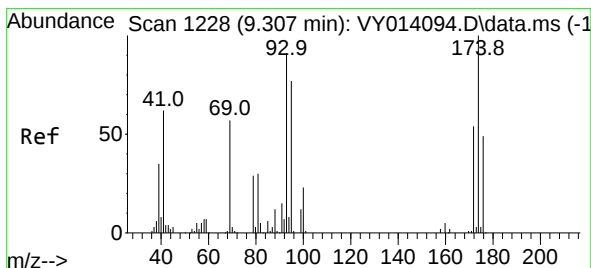
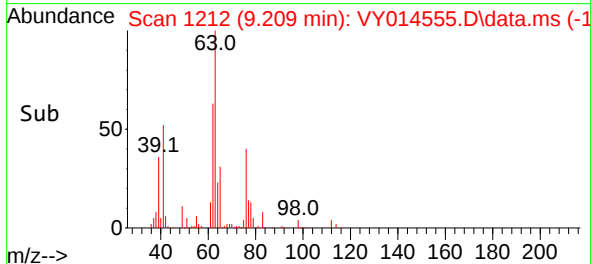
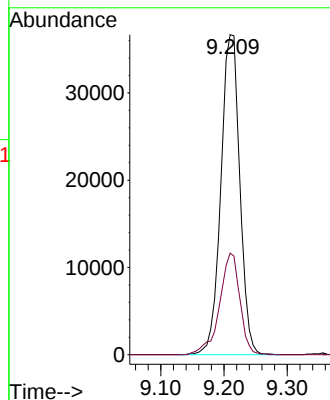
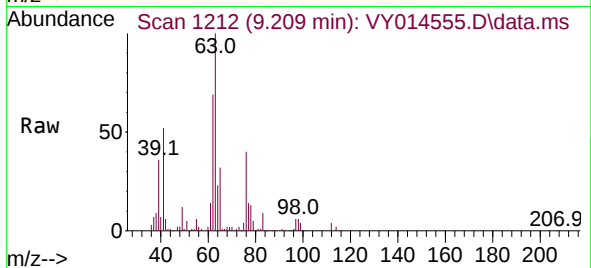
65 31.8 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#46

Dibromomethane

Concen: 21.550 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

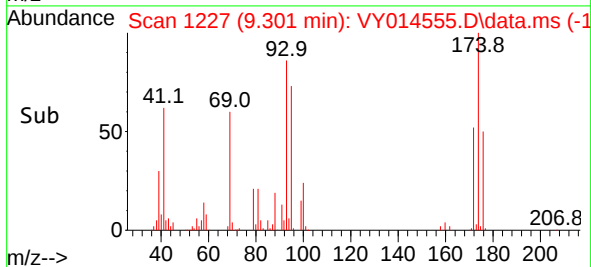
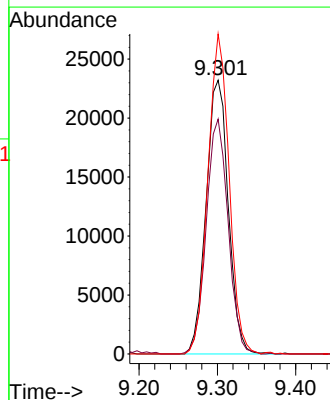
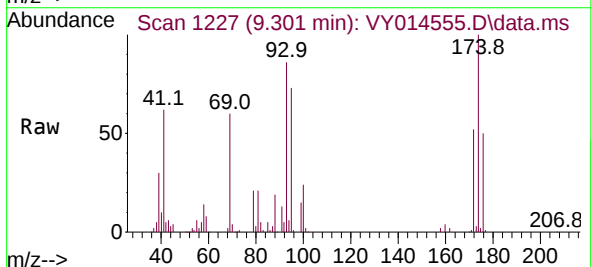
Tgt Ion: 93 Resp: 45710

Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

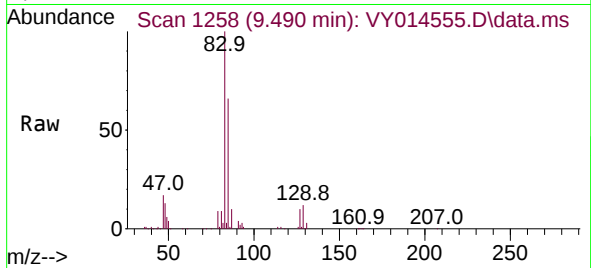
174 111.5 84.8 127.2





#47
Bromodichloromethane
Concen: 21.141 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

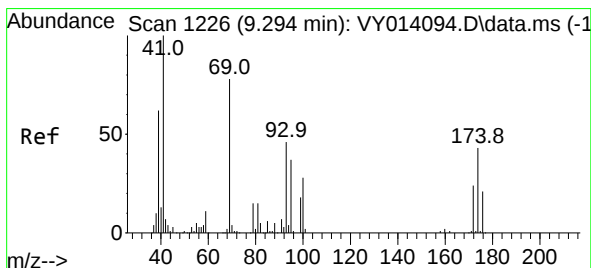
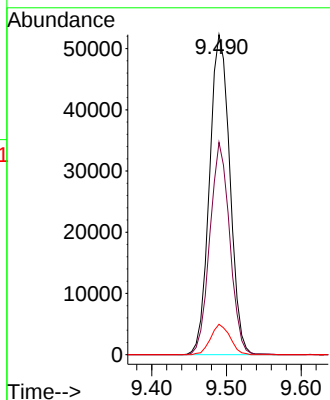
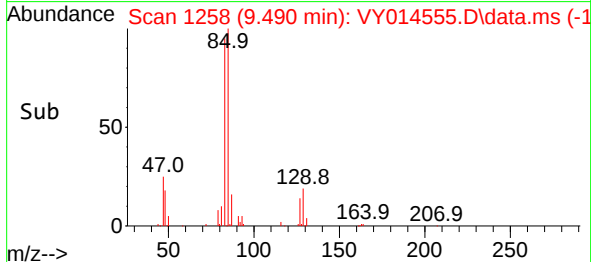
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 83 Resp: 9880
Ion Ratio Lower Upper
83 100
85 66.3 50.1 75.1
127 9.5 7.1 10.7

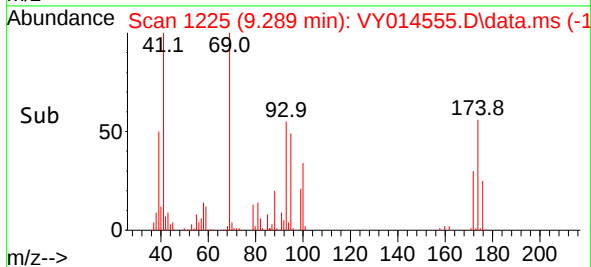
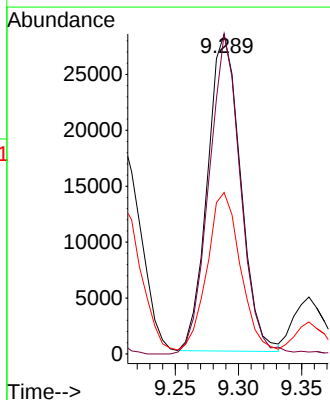
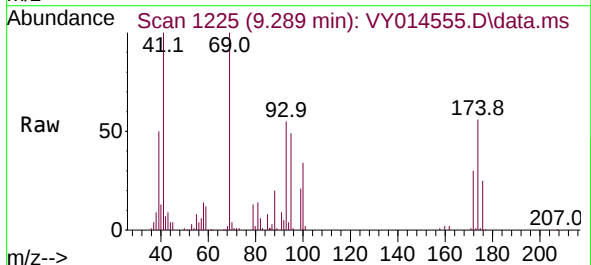
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APPROVED

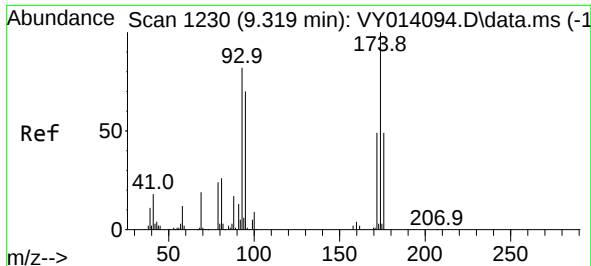
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#48
Methyl methacrylate
Concen: 21.645 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Tgt Ion: 41 Resp: 51325
Ion Ratio Lower Upper
41 100
69 97.3 64.5 96.7#
39 50.1 50.8 76.2#





#49

1,4-Dioxane

Concen: 415.625 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.024 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

Tgt Ion: 88 Resp: 1574

Ion Ratio Lower Upper

88 100

43 30.5 0.0 0.0

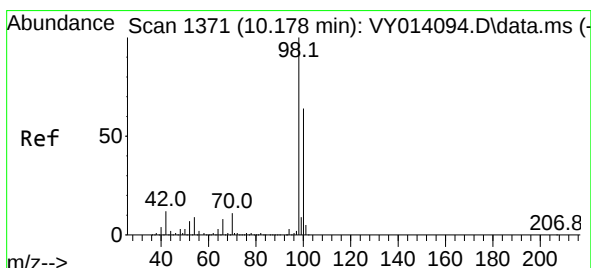
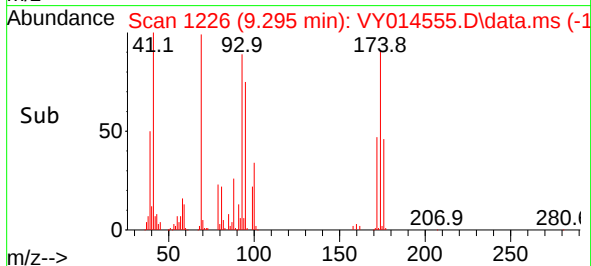
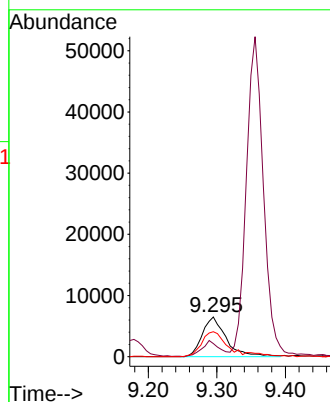
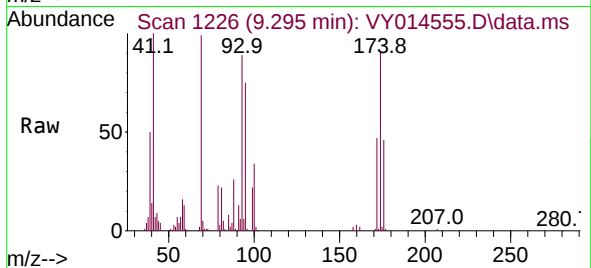
58 66.3 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#50

Toluene-d8

Concen: 51.942 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.005 min

Lab File: VY014555.D

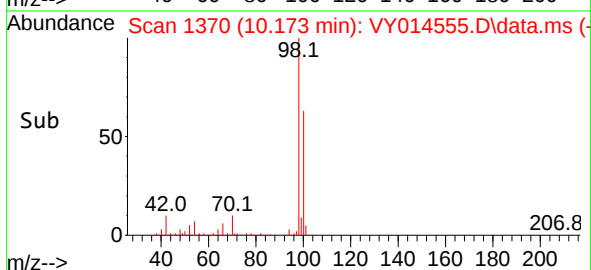
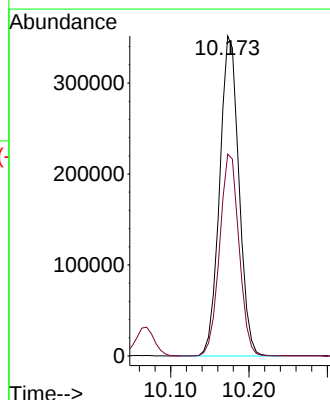
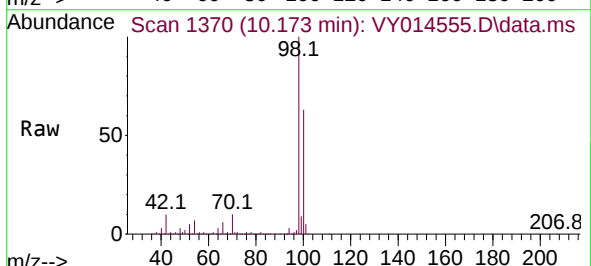
Acq: 05 Jul 2023 13:57

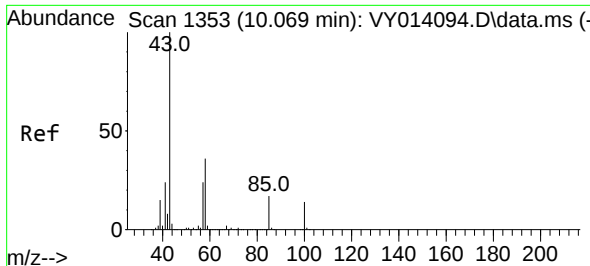
Tgt Ion: 98 Resp: 601574

Ion Ratio Lower Upper

98 100

100 63.7 50.1 75.1





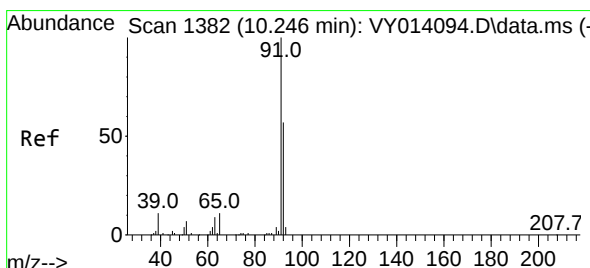
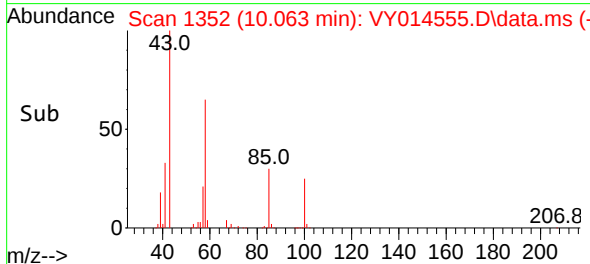
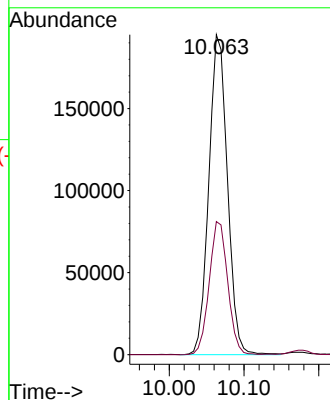
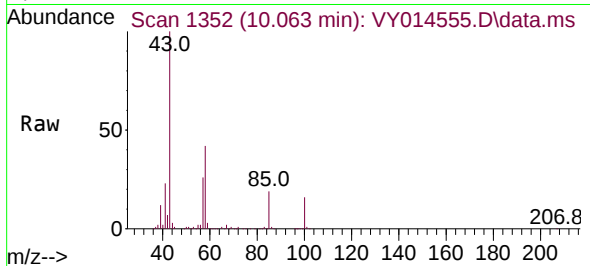
#51
4-Methyl-2-Pentanone
Concen: 109.075 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

Tgt Ion: 43 Resp: 33672
Ion Ratio Lower Upper
43 100
58 41.4 29.0 43.6

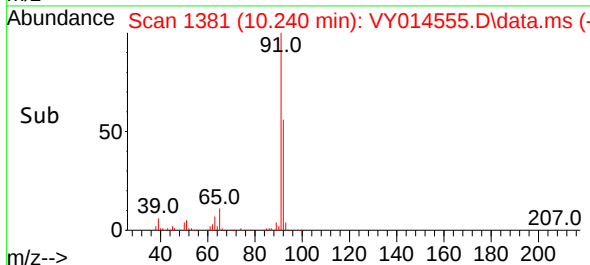
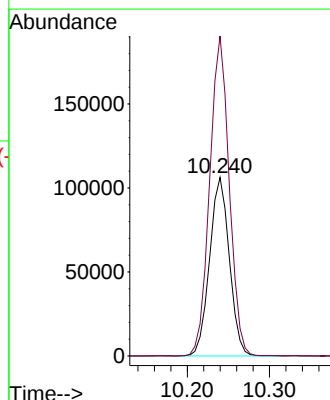
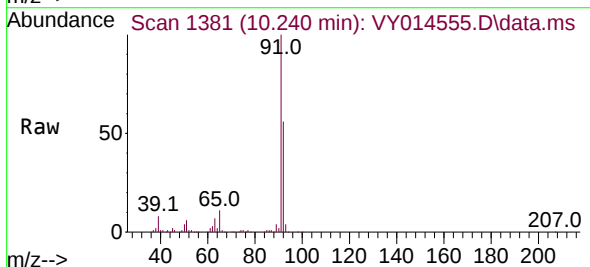
Manual Integrations
APPROVED

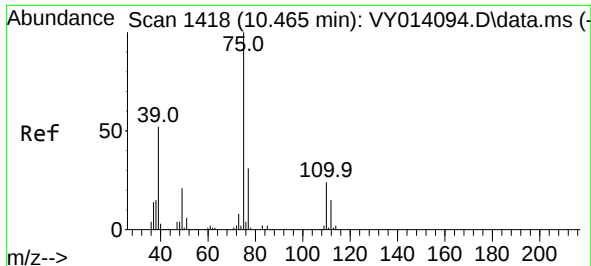
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#52
Toluene
Concen: 20.716 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

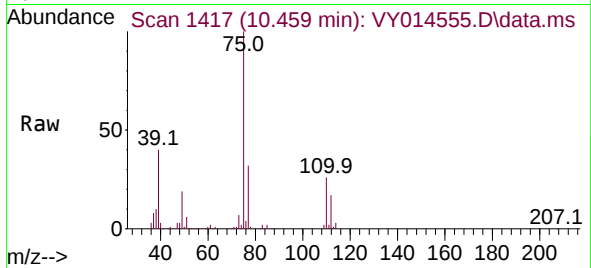
Tgt Ion: 92 Resp: 177054
Ion Ratio Lower Upper
92 100
91 177.4 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 20.475 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY014555.D
 Acq: 05 Jul 2023 13:57

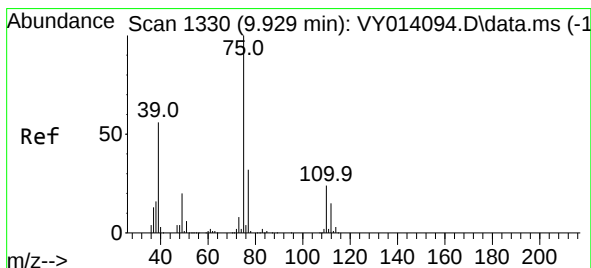
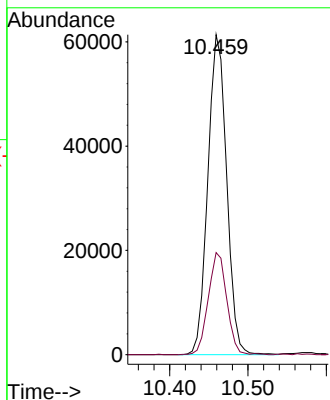
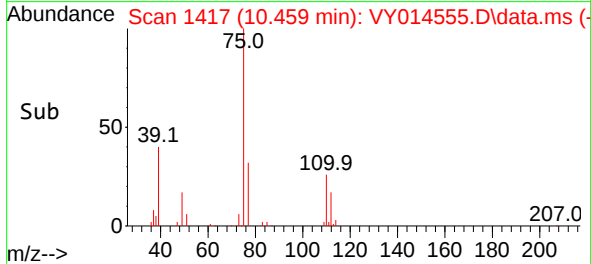
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0703SBS01



Tgt Ion: 75 Resp: 102320
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4

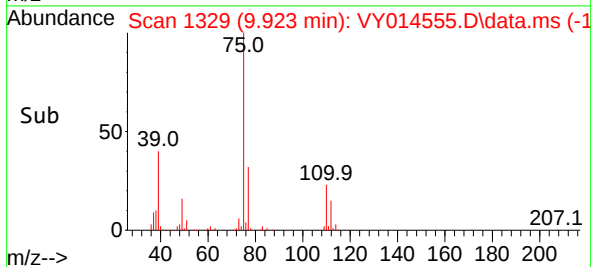
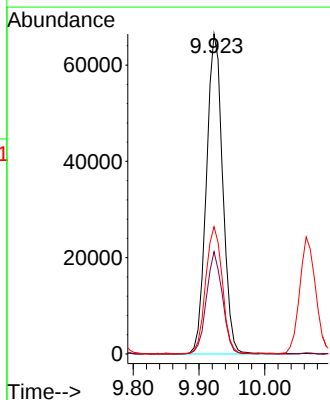
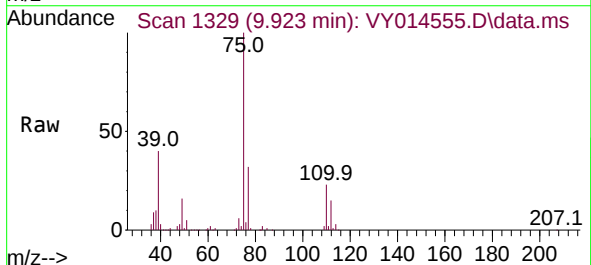
Manual Integrations
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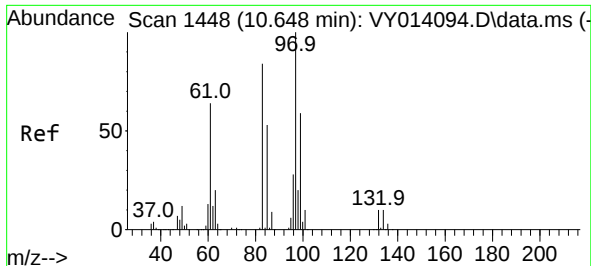
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/06/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.538 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY014555.D
 Acq: 05 Jul 2023 13:57

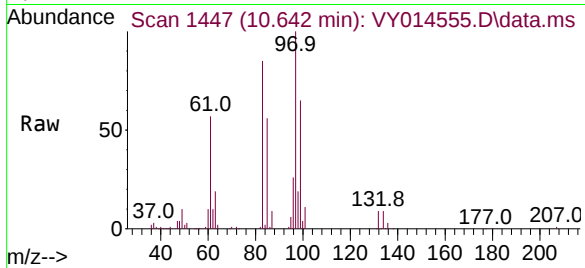
Tgt Ion: 75 Resp: 114519
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4
 39 39.6 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 20.750 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

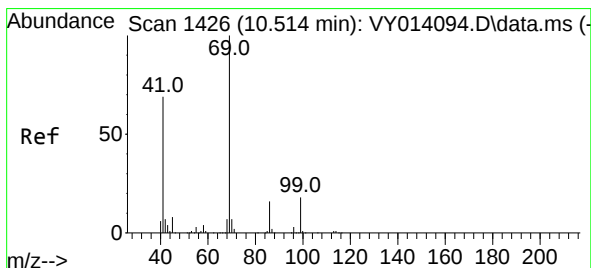
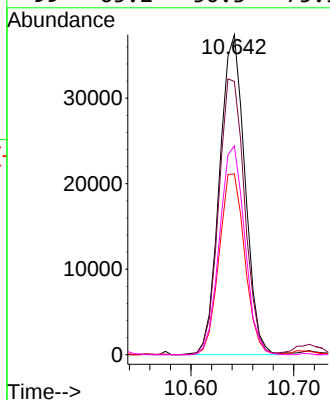
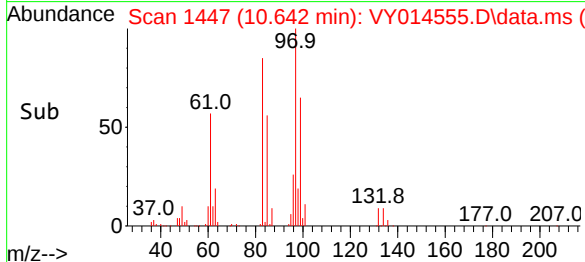
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



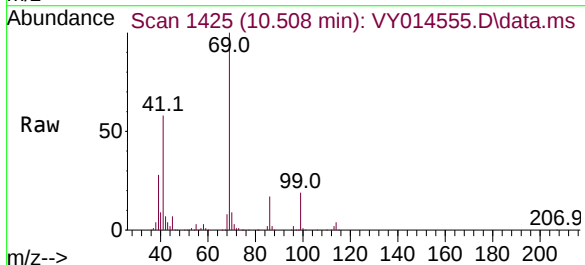
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.4	72.0	108.0
85	56.5	45.4	68.0
99	65.2	50.3	75.5

Manual Integrations
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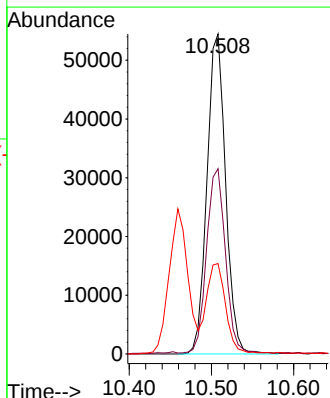
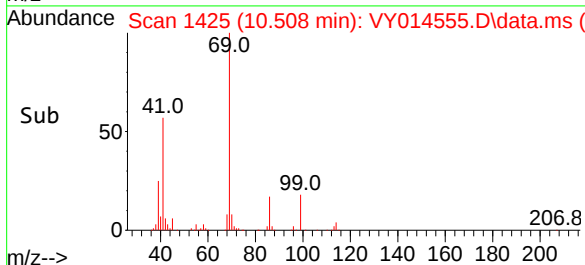
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

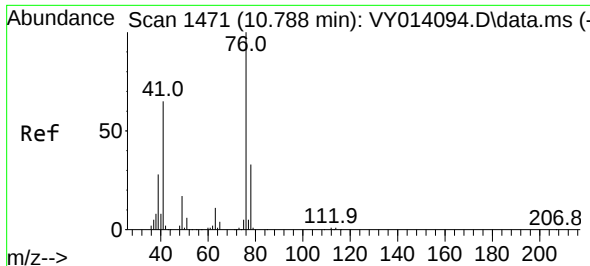


#56
Ethyl methacrylate
Concen: 20.438 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57



Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.1	57.6	86.4
39	29.0	34.1	51.1





#57

1,3-Dichloropropane

Concen: 21.254 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

Tgt Ion: 76 Resp: 10688

Ion Ratio Lower Upper

76 100

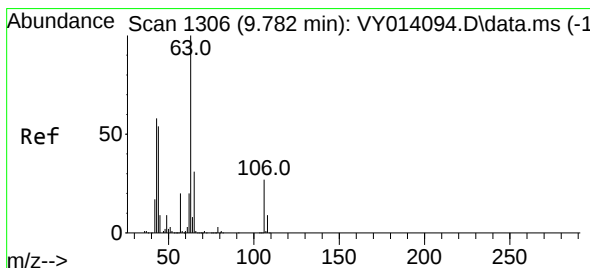
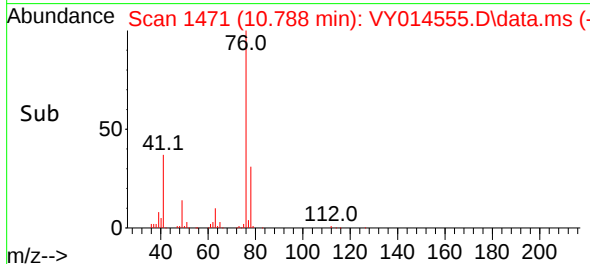
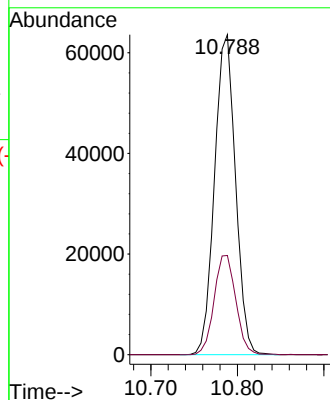
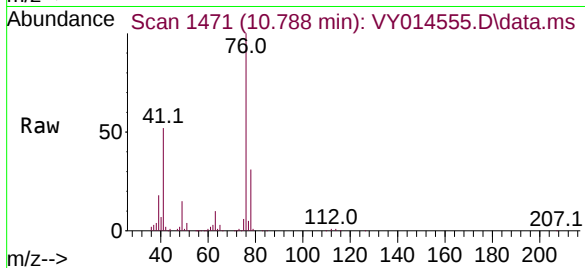
78 32.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 122.610 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014555.D

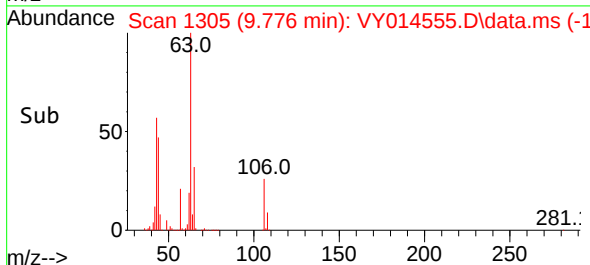
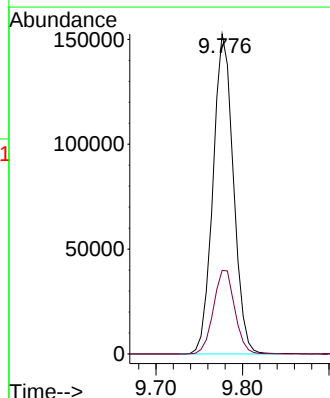
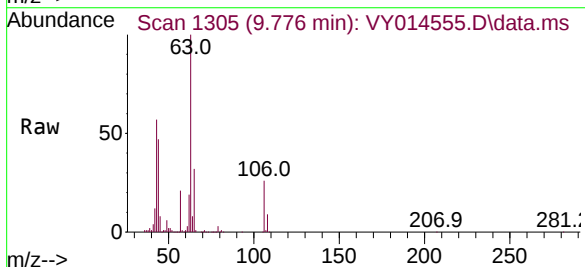
Acq: 05 Jul 2023 13:57

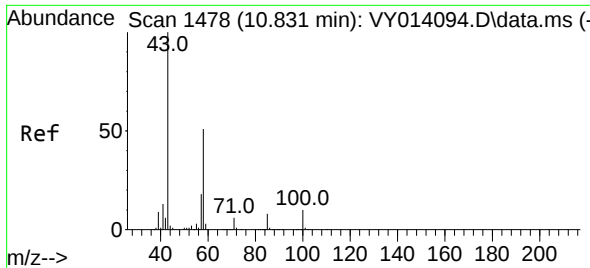
Tgt Ion: 63 Resp: 249377

Ion Ratio Lower Upper

63 100

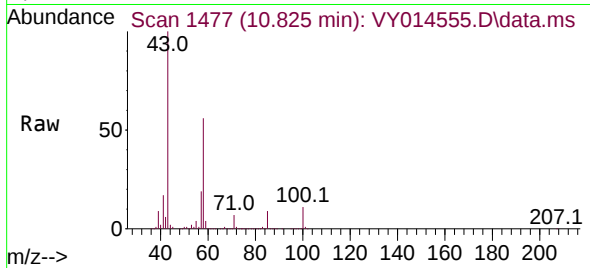
106 27.3 21.2 31.8





#59
2-Hexanone
Concen: 108.381 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

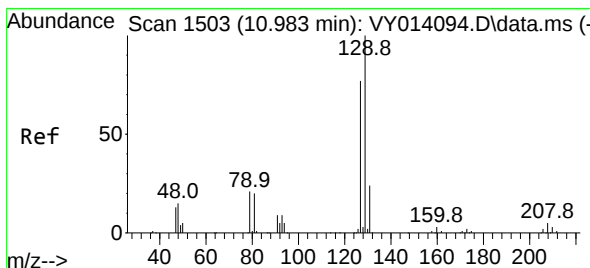
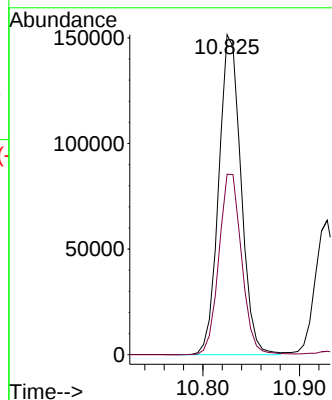
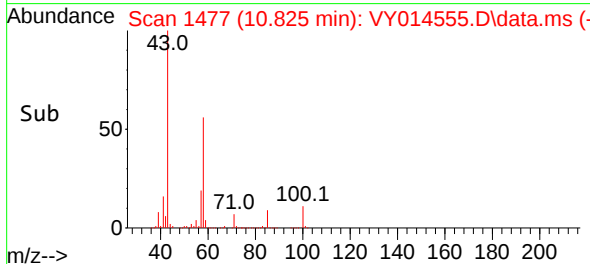
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 43 Resp: 24168
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3

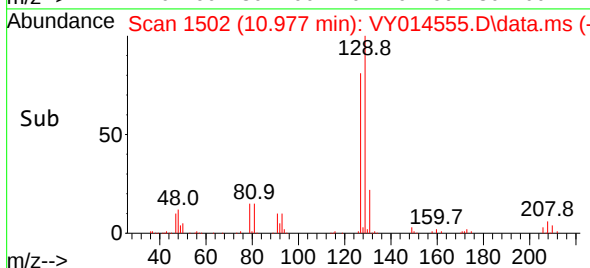
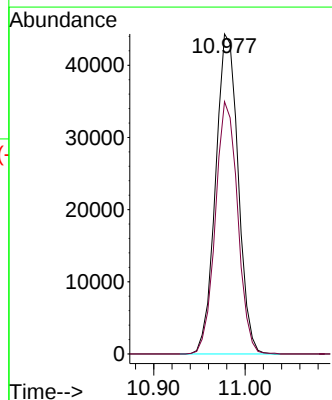
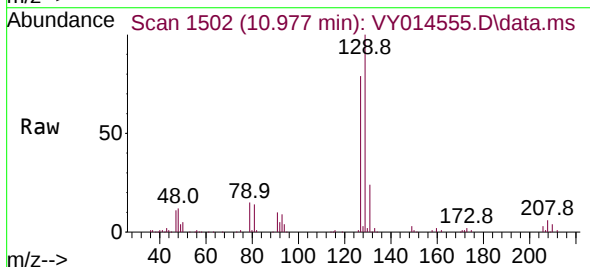
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#60
Dibromochloromethane
Concen: 21.045 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

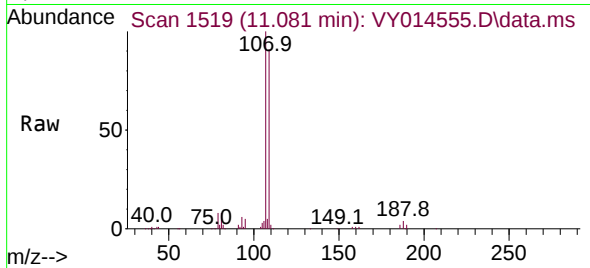
Tgt Ion:129 Resp: 76106
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61
1,2-Dibromoethane
Concen: 21.009 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.012 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

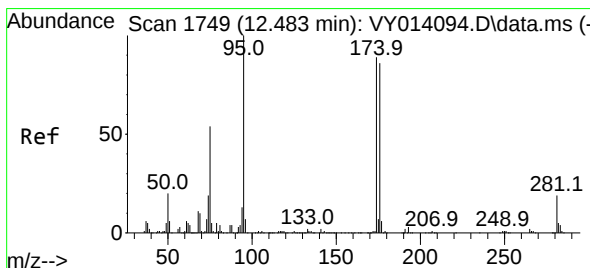
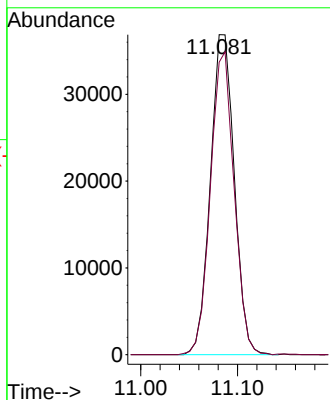
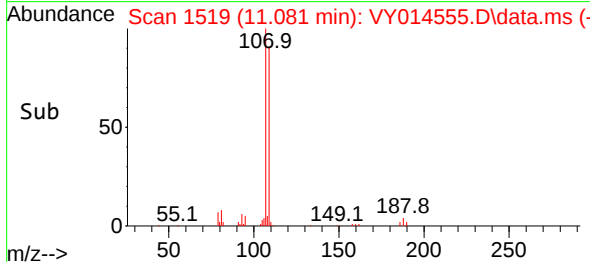
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



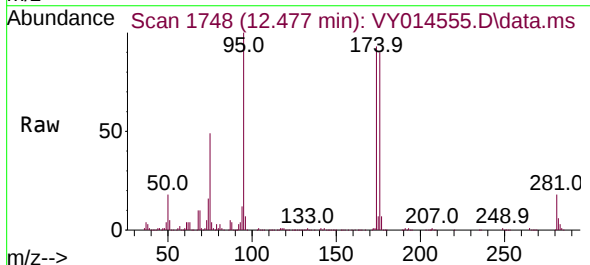
Tgt Ion:107 Resp: 63302
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4

Manual Integrations
APPROVED

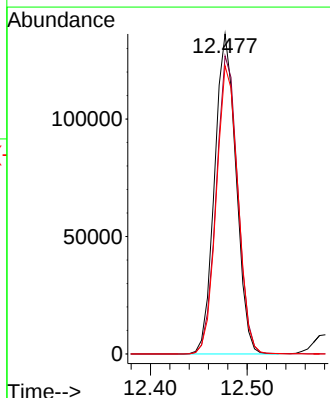
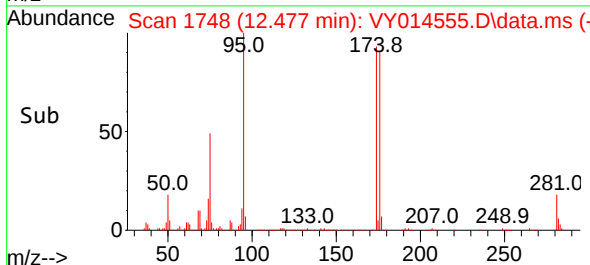
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#62
4-Bromofluorobenzene
Concen: 52.187 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57



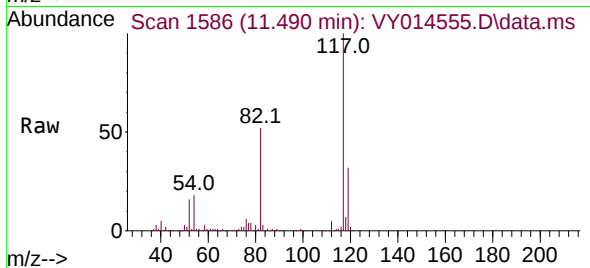
Tgt Ion: 95 Resp: 209878
Ion Ratio Lower Upper
95 100
174 93.4 0.0 178.2
176 90.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

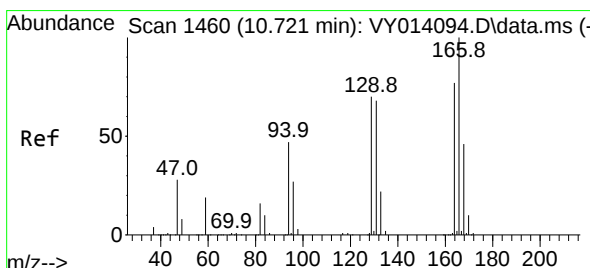
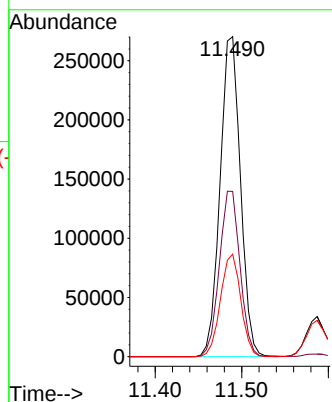
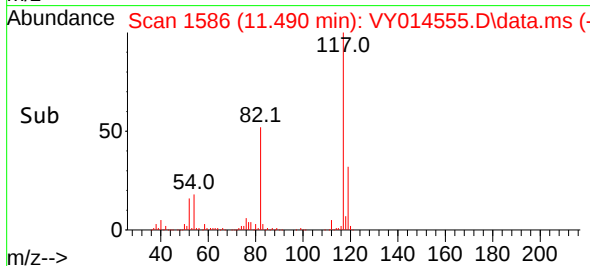
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion:117 Resp: 441828
Ion Ratio Lower Upper
117 100
82 51.6 43.4 65.0
119 32.1 26.3 39.5

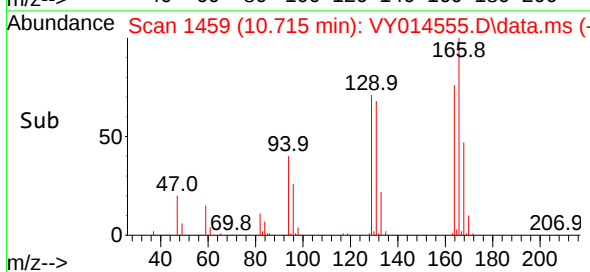
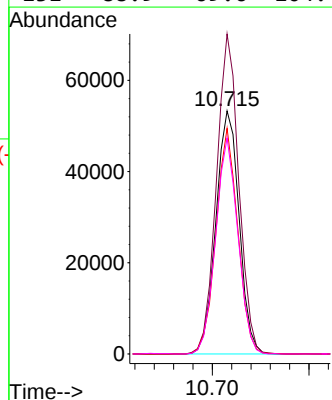
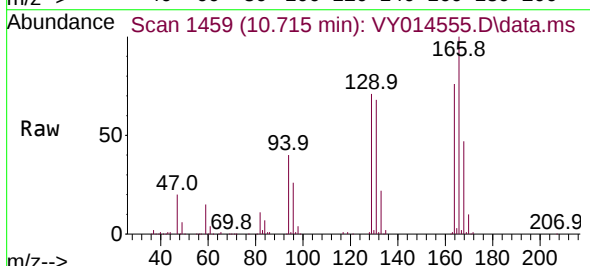
Manual Integrations
APPROVED

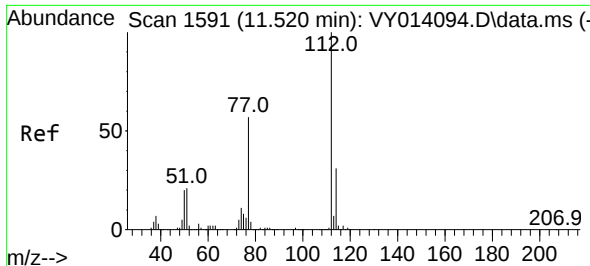
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#64
Tetrachloroethene
Concen: 22.448 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

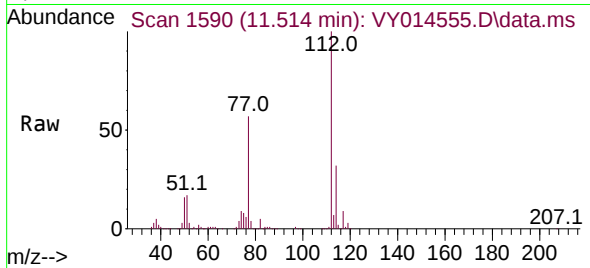
Tgt Ion:164 Resp: 88661
Ion Ratio Lower Upper
164 100
166 131.6 103.0 154.6
129 92.8 77.2 115.8
131 88.9 69.6 104.4





#65
Chlorobenzene
Concen: 20.656 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

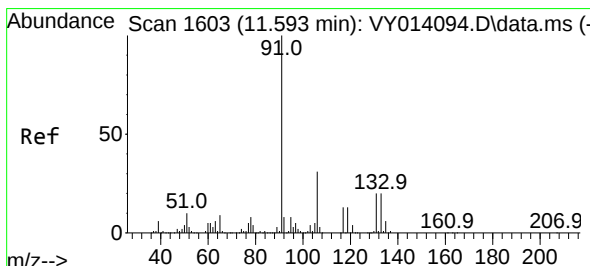
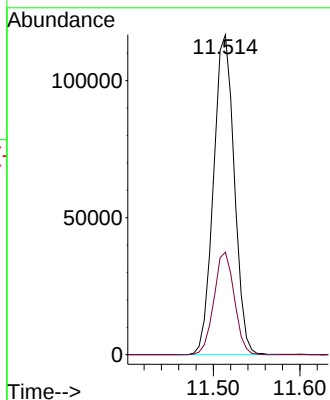
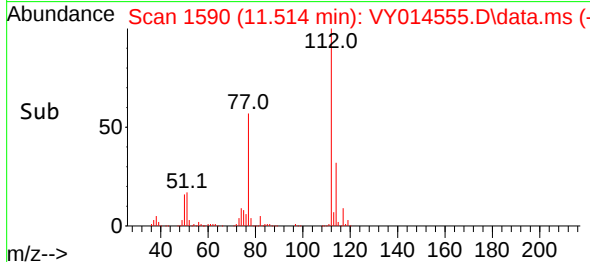
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



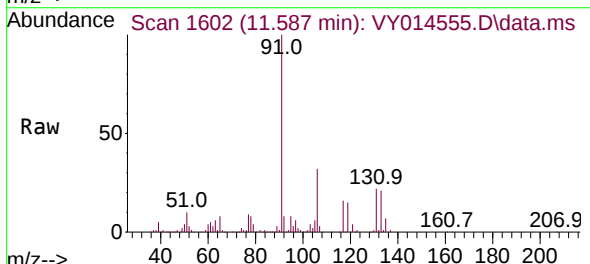
Tgt Ion:112 Resp: 194494
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

Manual Integrations
APPROVED

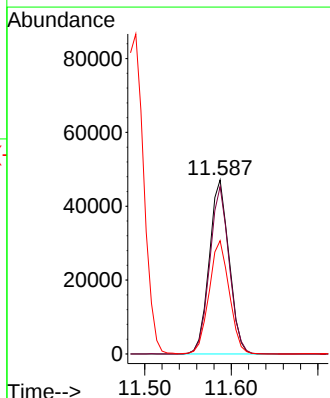
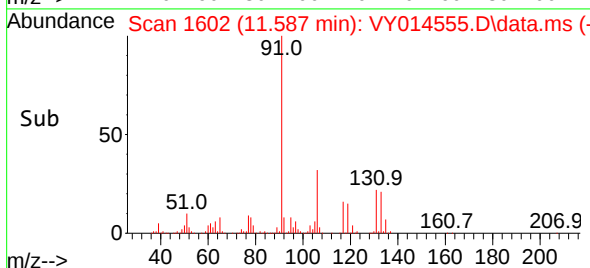
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

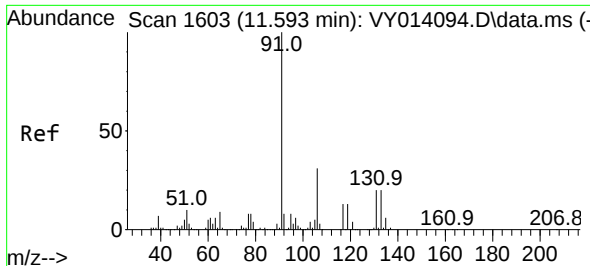


#66
1,1,1,2-Tetrachloroethane
Concen: 20.897 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57



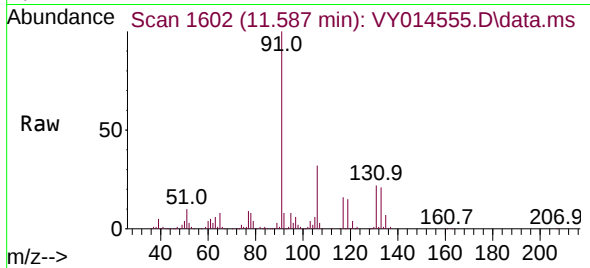
Tgt Ion:131 Resp: 74784
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 66.5 31.6 94.7





#67
Ethyl Benzene
Concen: 20.389 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

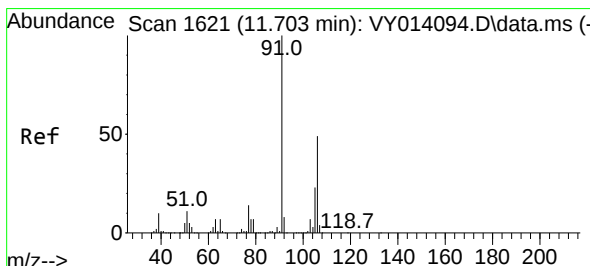
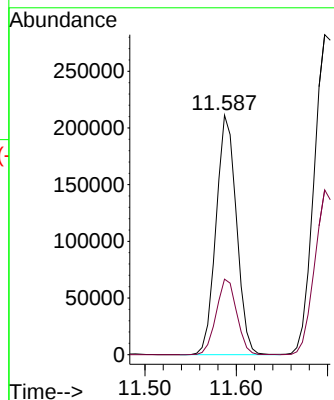
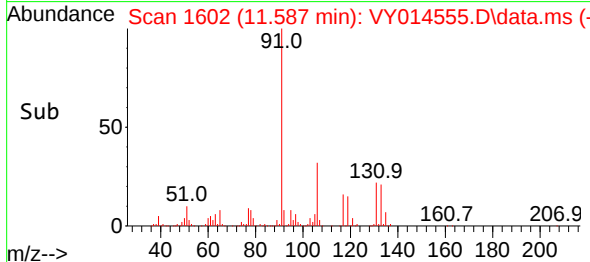
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 91 Resp: 327390
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8

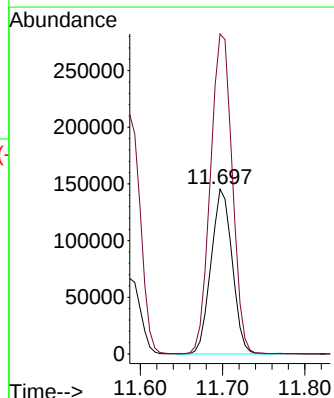
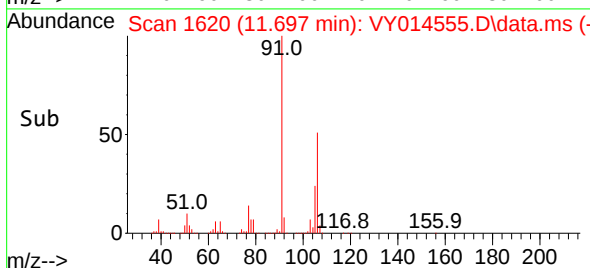
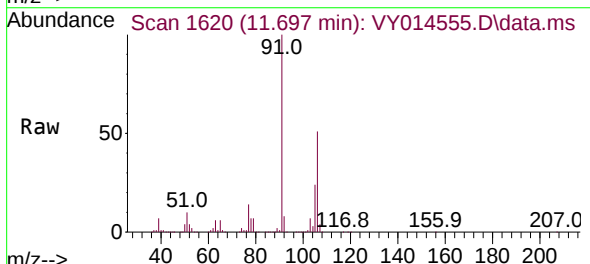
Manual Integrations
APPROVED

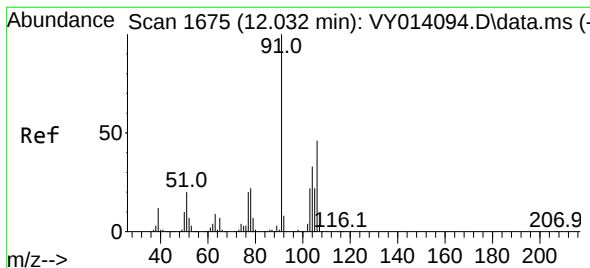
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#68
m/p-Xylenes
Concen: 40.880 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Tgt Ion:106 Resp: 260374
Ion Ratio Lower Upper
106 100
91 199.8 166.1 249.1





#69

o-Xylene

Concen: 19.803 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

Tgt Ion:106 Resp: 119630

Ion Ratio Lower Upper

106 100

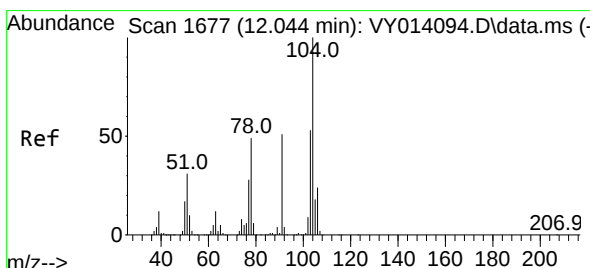
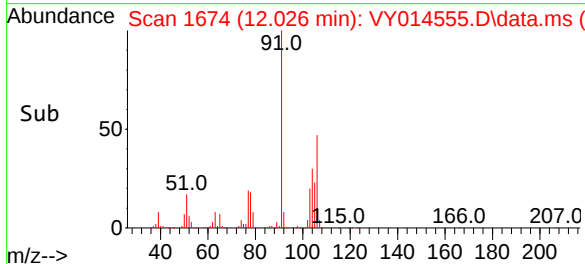
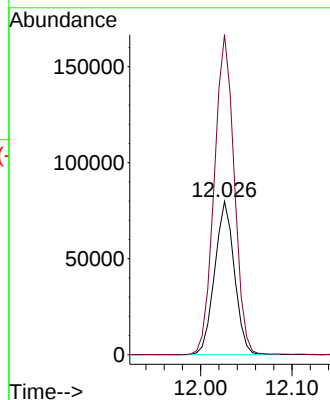
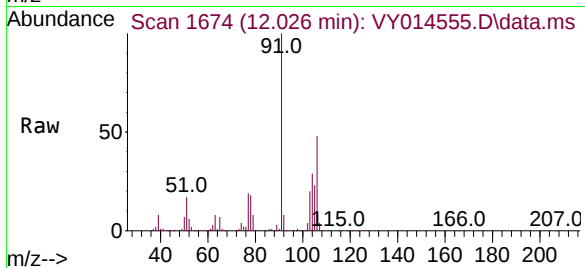
91 212.3 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#70

Styrene

Concen: 20.418 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

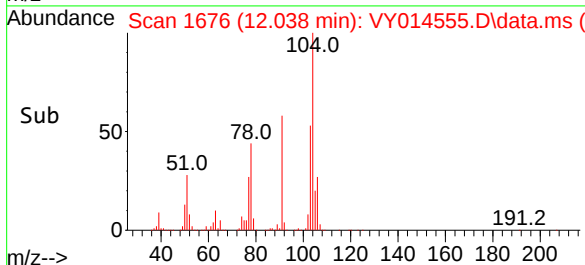
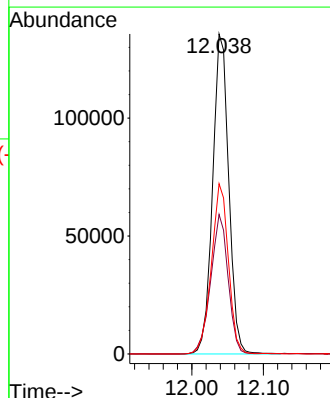
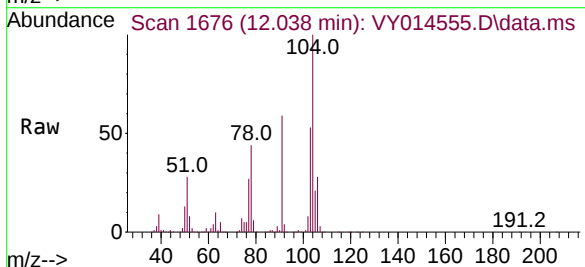
Tgt Ion:104 Resp: 212211

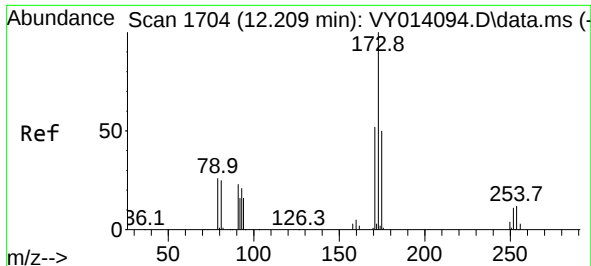
Ion Ratio Lower Upper

104 100

78 47.2 41.5 62.3

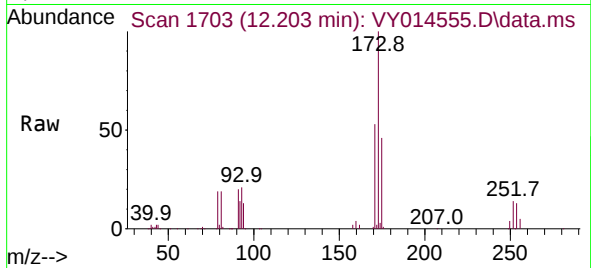
103 56.2 44.6 67.0





#71
Bromoform
Concen: 21.052 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

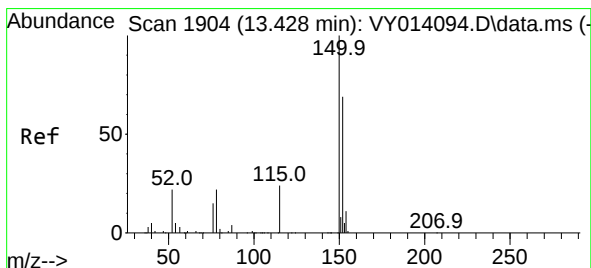
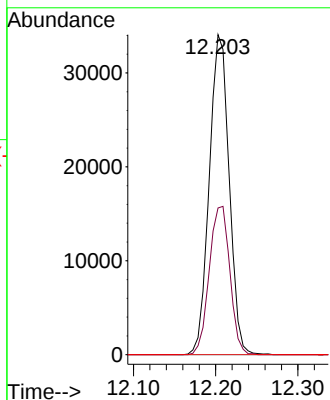
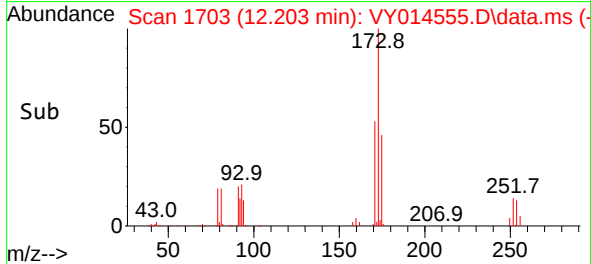
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



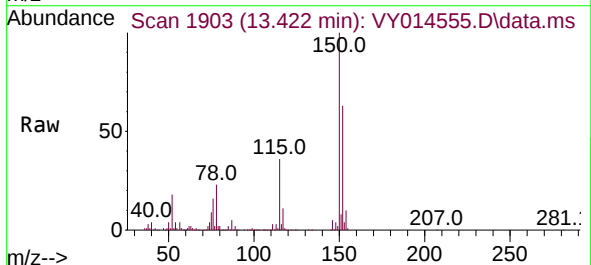
Tgt Ion:173 Resp: 57230
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

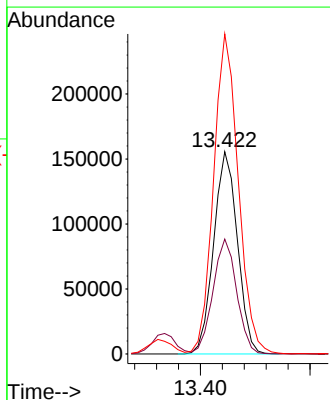
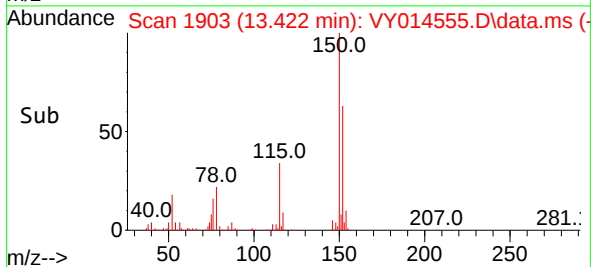
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

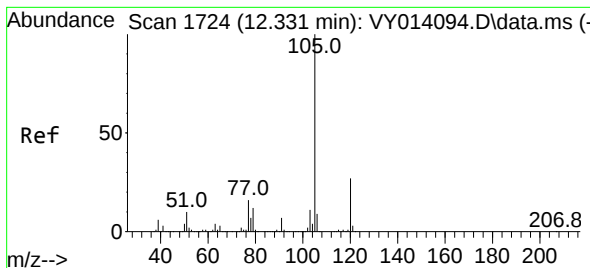


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57



Tgt Ion:152 Resp: 234294
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 164.5 0.0 348.8





#73

Isopropylbenzene

Concen: 20.936 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

Tgt Ion:105 Resp: 32125

Ion Ratio Lower Upper

105 100

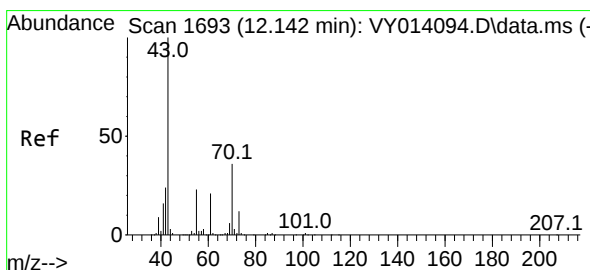
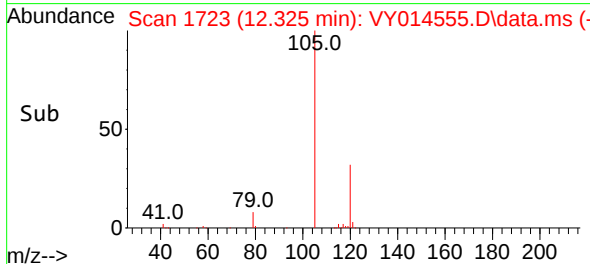
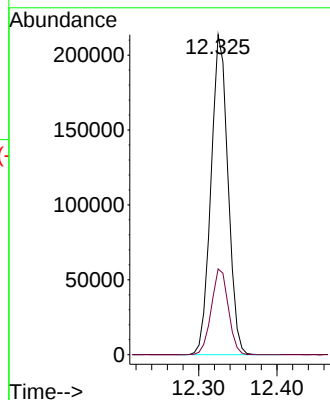
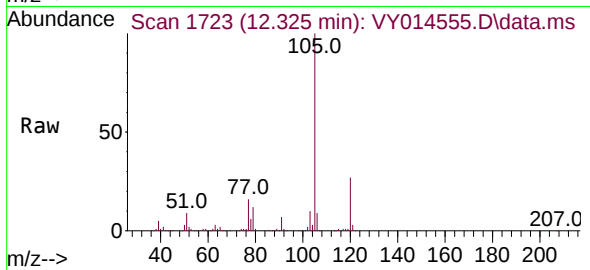
120 26.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#74

N-amy1 acetate

Concen: 20.720 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Tgt Ion: 43 Resp: 95956

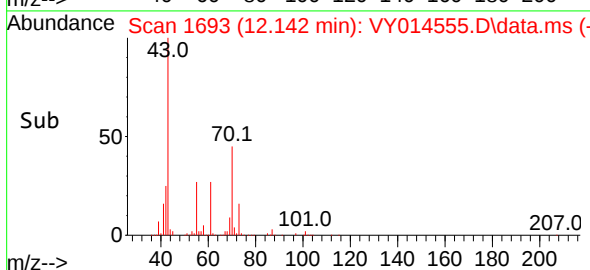
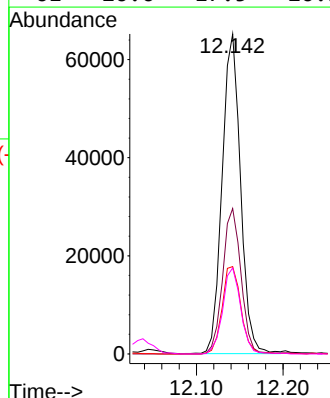
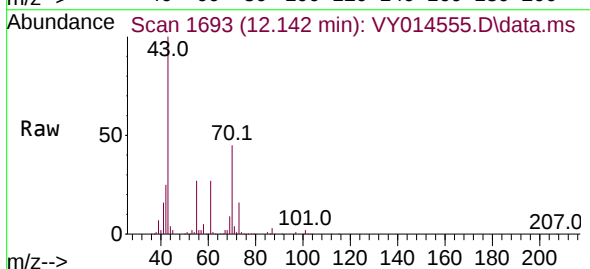
Ion Ratio Lower Upper

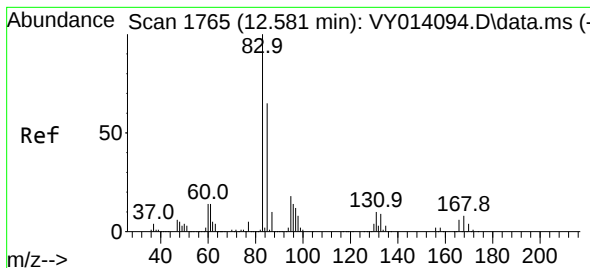
43 100

70 45.7 29.7 44.5#

55 28.3 18.3 27.5#

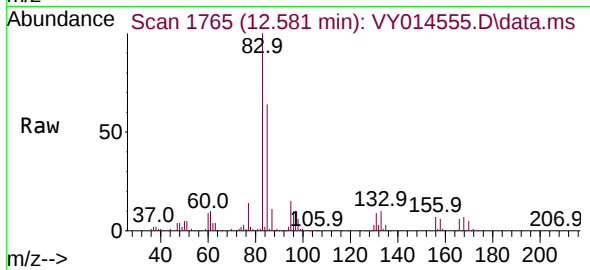
61 26.6 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 21.429 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

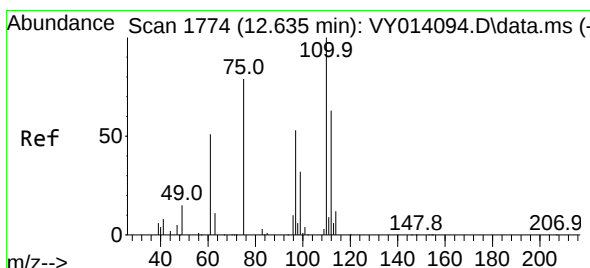
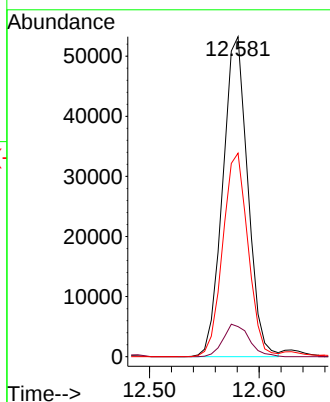
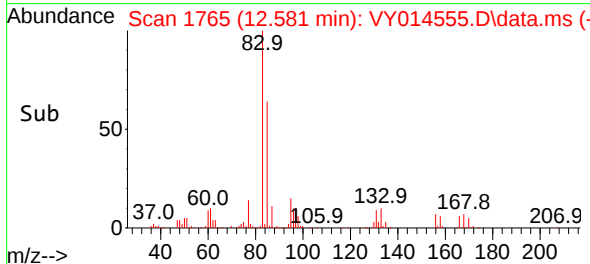
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



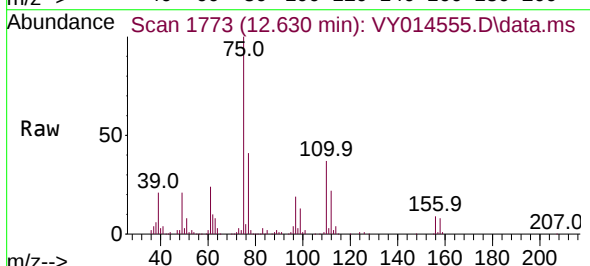
Tgt Ion: 83 Resp: 8438
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 64.3 31.8 95.4

Manual Integrations
APPROVED

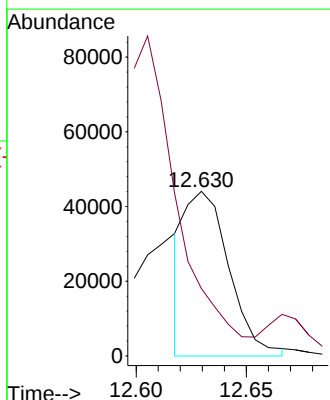
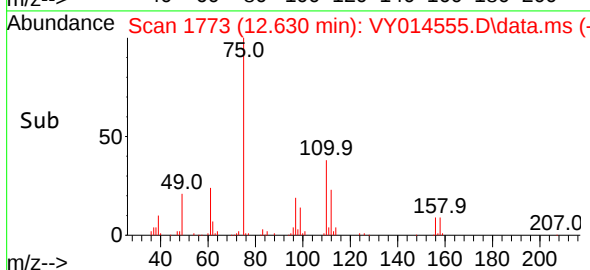
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

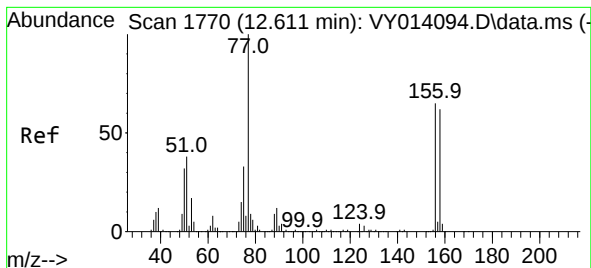


#76
1,2,3-Trichloropropane
Concen: 22.502 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57



Tgt Ion: 75 Resp: 61865
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.745 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

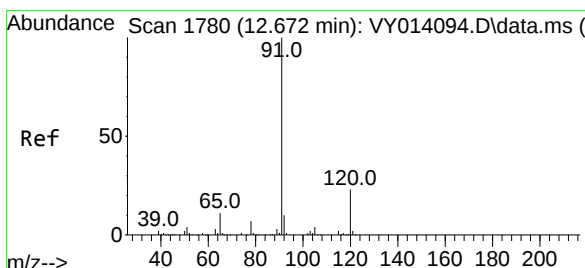
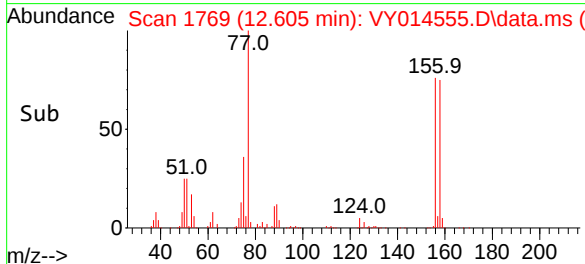
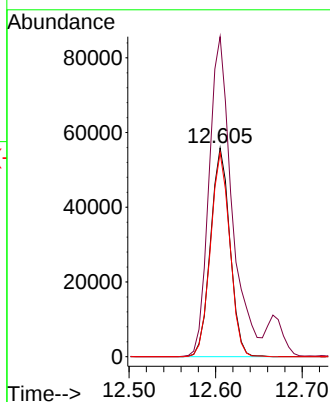
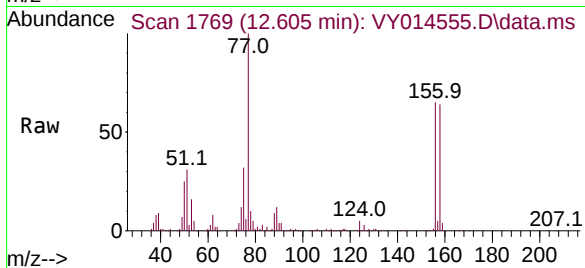
Tgt Ion:	156	Resp:	8694
Ion Ratio	Lower	Upper	
156	100		
77	182.4	92.8	278.6
158	97.3	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#78

n-propylbenzene

Concen: 21.617 ug/l

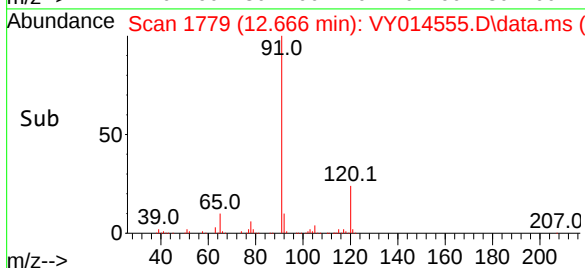
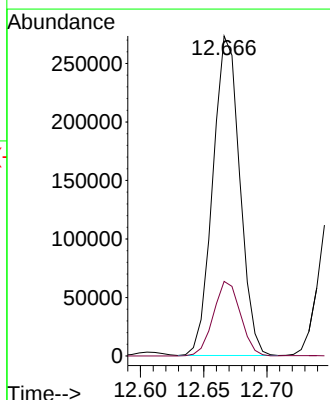
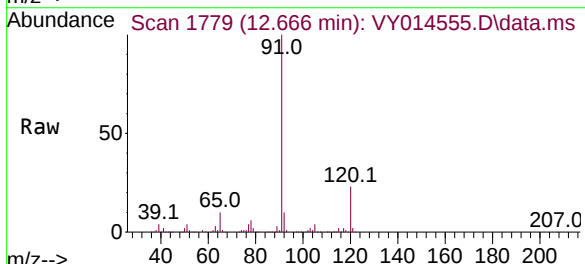
RT: 12.666 min Scan# 1779

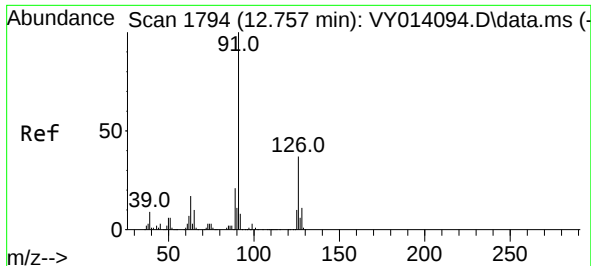
Delta R.T. -0.006 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

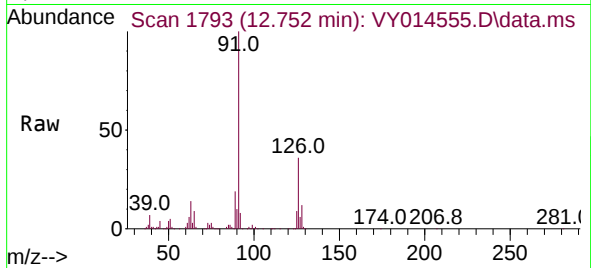
Tgt Ion:	91	Resp:	404615
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 21.067 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.005 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

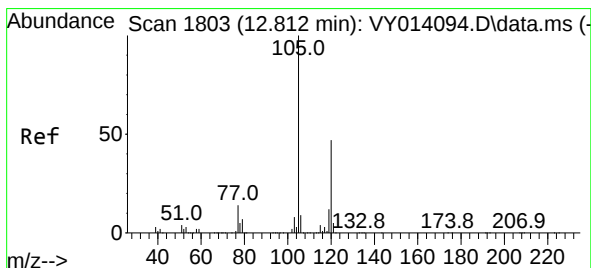
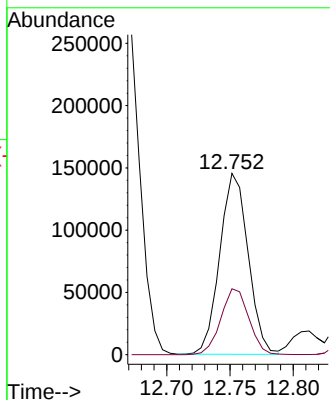
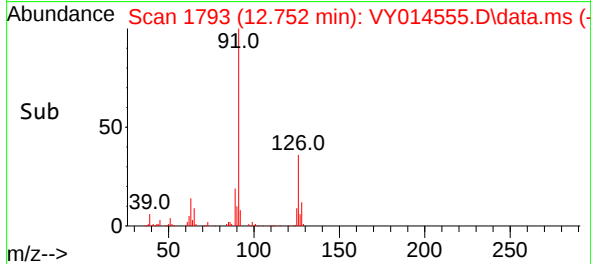
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 91 Resp: 22693
Ion Ratio Lower Upper
91 100
126 36.0 17.3 51.7

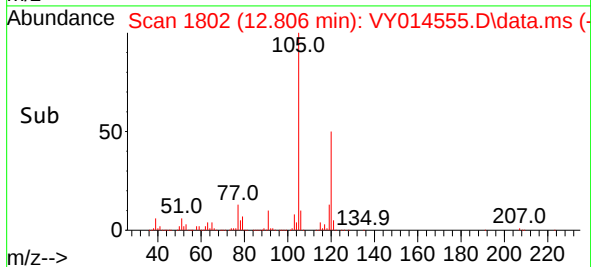
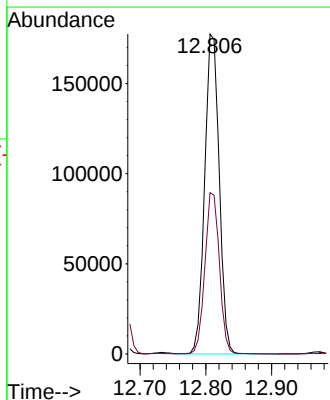
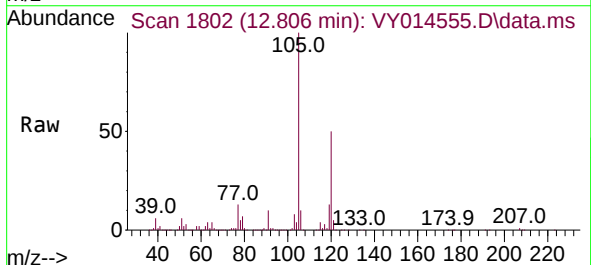
Manual Integrations
APPROVED

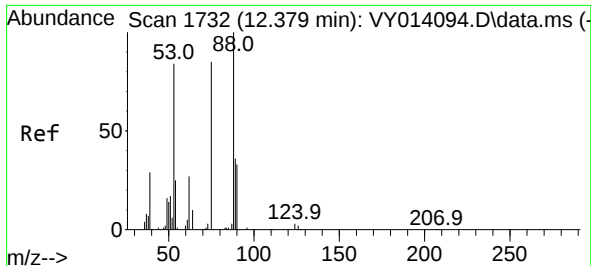
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.019 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

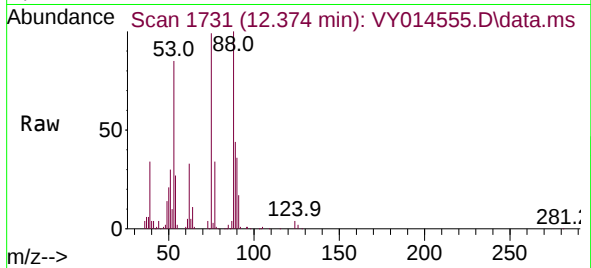
Tgt Ion:105 Resp: 273045
Ion Ratio Lower Upper
105 100
120 50.3 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.311 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

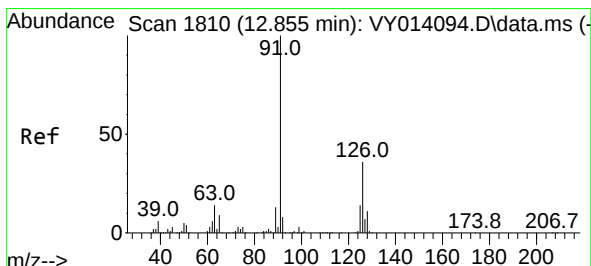
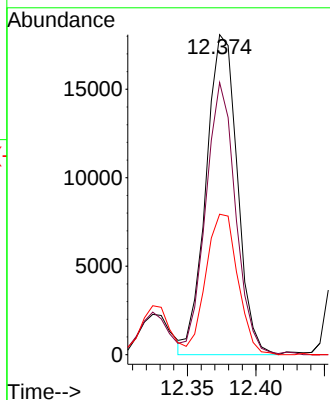
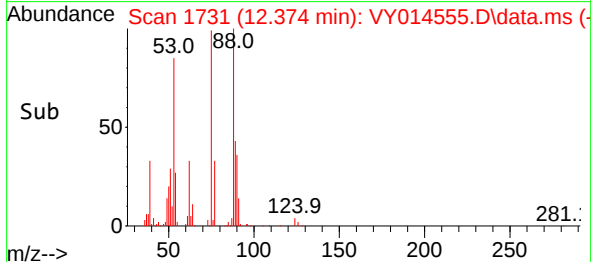
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion: 75 Resp: 28690
Ion Ratio Lower Upper
75 100
53 81.9 77.8 116.8
89 44.7 37.4 56.0

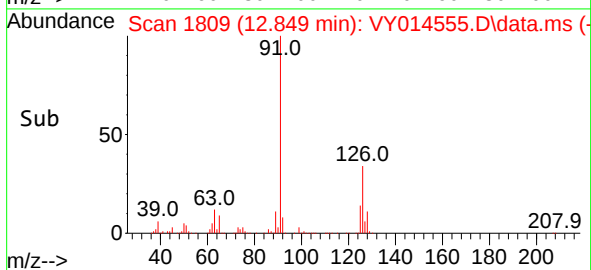
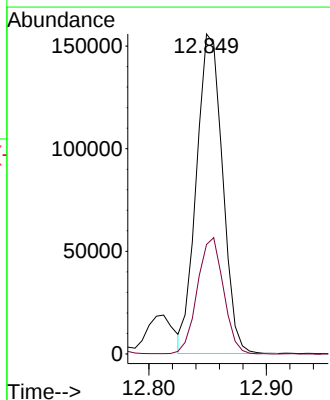
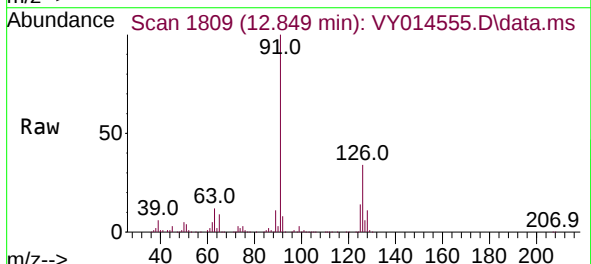
Manual Integrations
APPROVED

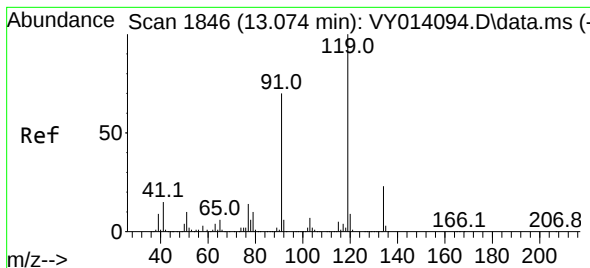
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#82
4-Chlorotoluene
Concen: 21.289 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

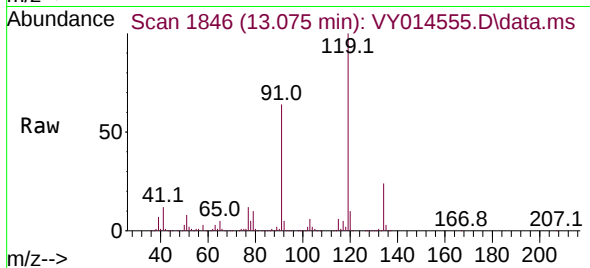
Tgt Ion: 91 Resp: 240248
Ion Ratio Lower Upper
91 100
126 36.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.410 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

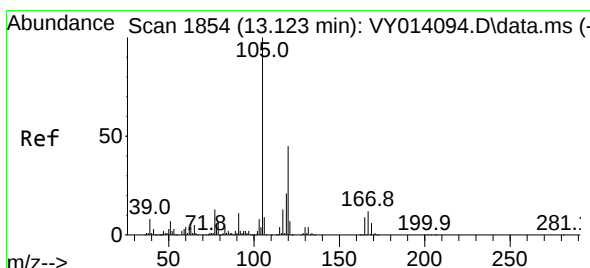
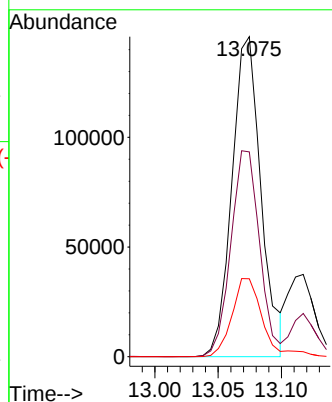
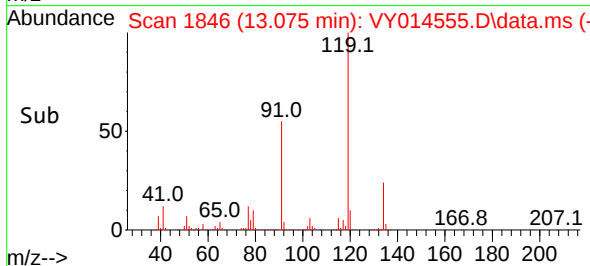
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



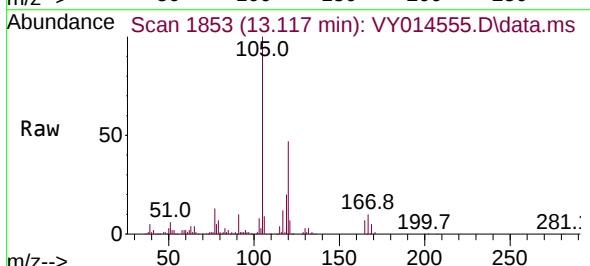
Tgt Ion:119 Resp: 23300
Ion Ratio Lower Upper
119 100
91 63.9 32.9 98.6
134 25.8 13.0 38.9

Manual Integrations
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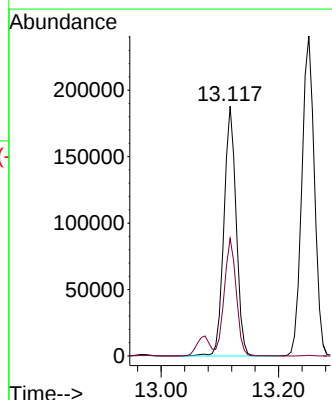
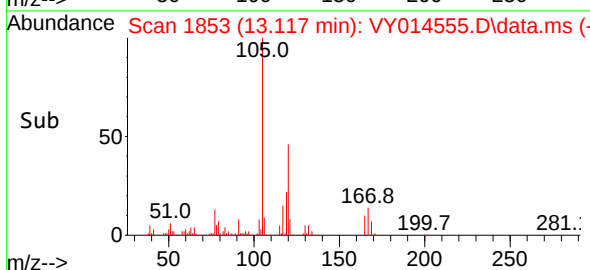
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

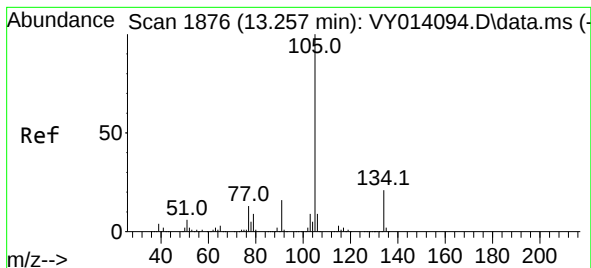


#84
1,2,4-Trimethylbenzene
Concen: 20.910 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57



Tgt Ion:105 Resp: 271053
Ion Ratio Lower Upper
105 100
120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.183 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01

Tgt Ion:105 Resp: 35686

Ion Ratio Lower Upper

105 100

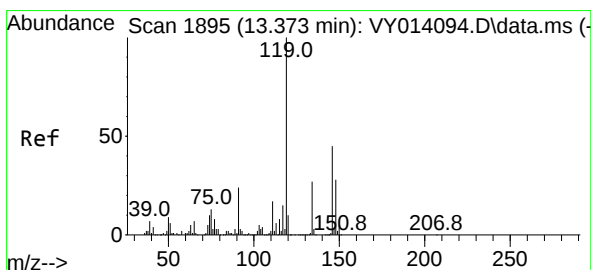
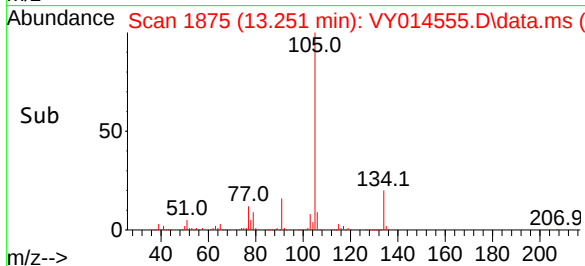
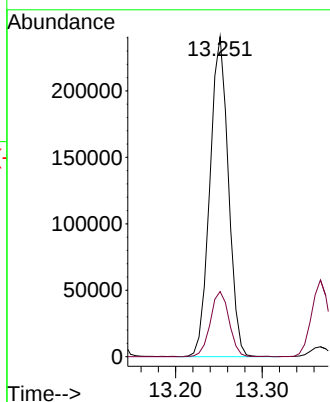
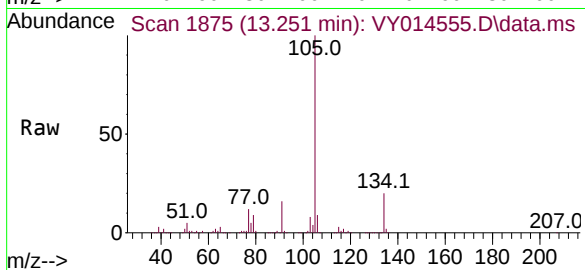
134 20.7 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#86

p-Isopropyltoluene

Concen: 21.162 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

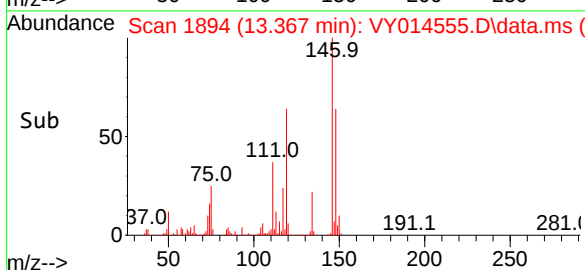
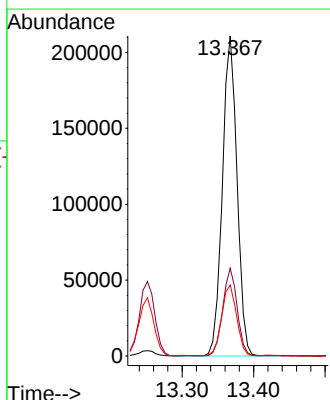
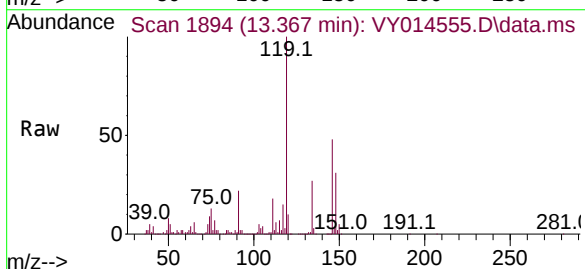
Tgt Ion:119 Resp: 300021

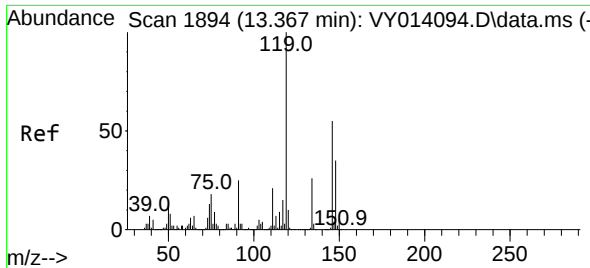
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

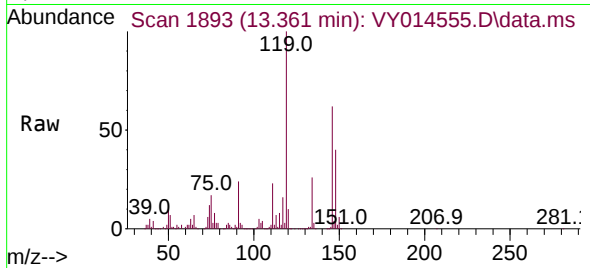
91 22.6 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.829 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

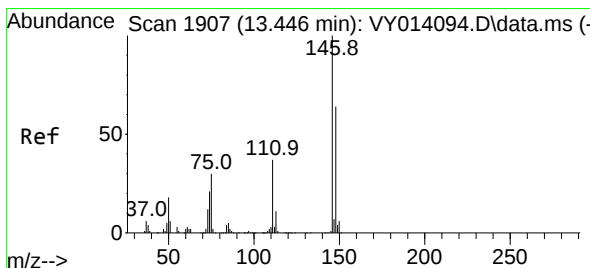
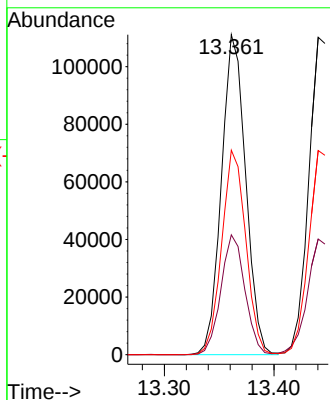
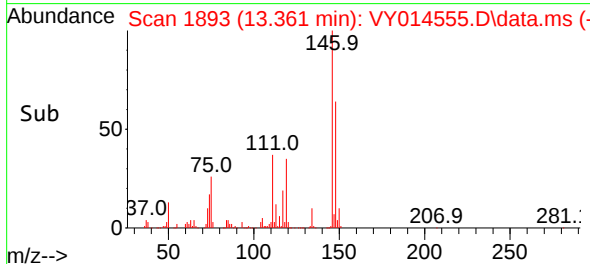
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



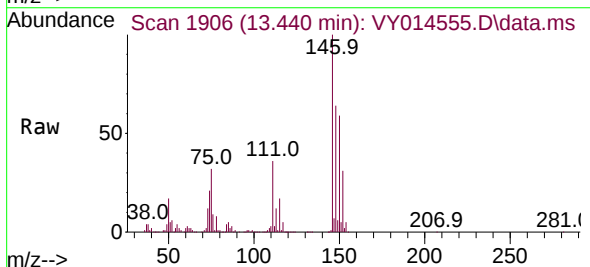
Tgt Ion:146 Resp: 170682
Ion Ratio Lower Upper
146 100
111 37.1 19.4 58.2
148 63.5 31.9 95.5

Manual Integrations
APPROVED

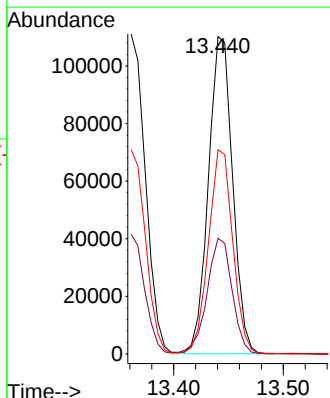
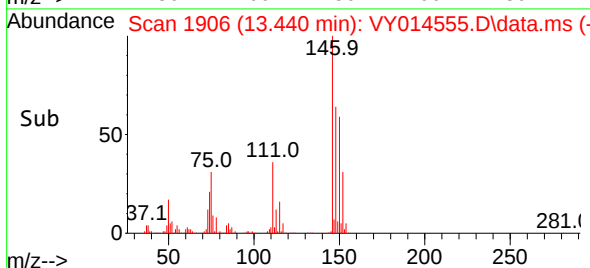
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023

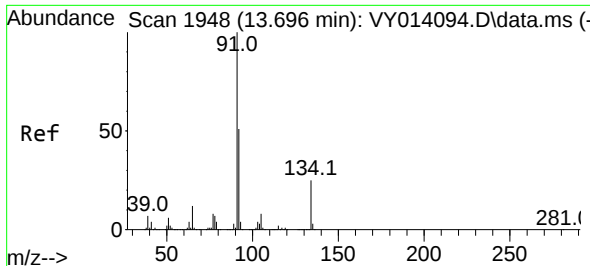


#88
1,4-Dichlorobenzene
Concen: 20.566 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57



Tgt Ion:146 Resp: 168896
Ion Ratio Lower Upper
146 100
111 37.9 18.9 56.7
148 64.8 32.1 96.5





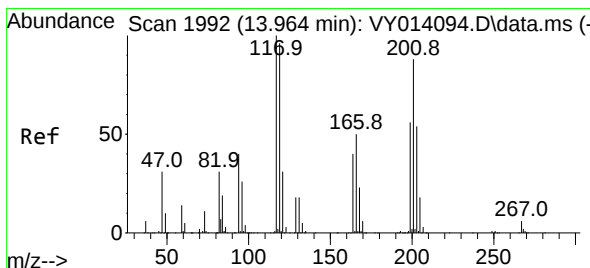
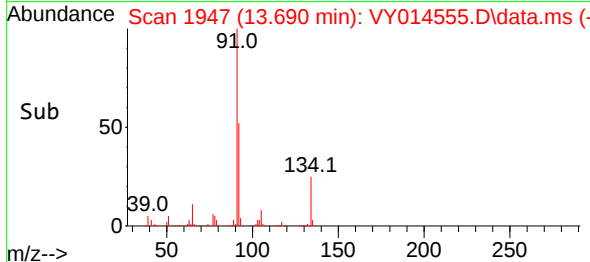
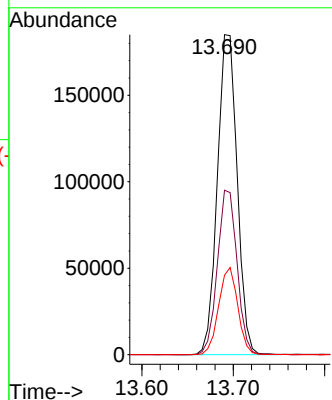
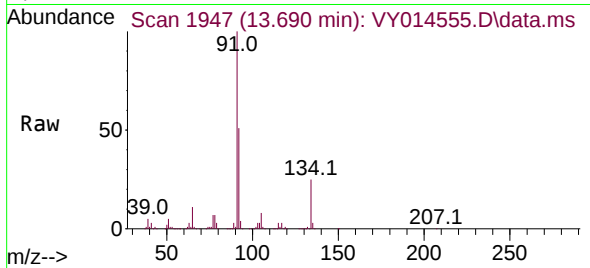
#89
n-Butylbenzene
Concen: 21.316 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

Tgt Ion: 91 Resp: 279278
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 26.3 12.6 37.6

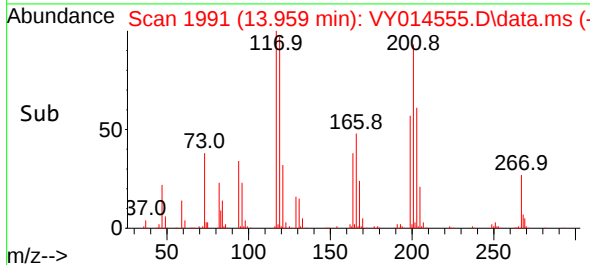
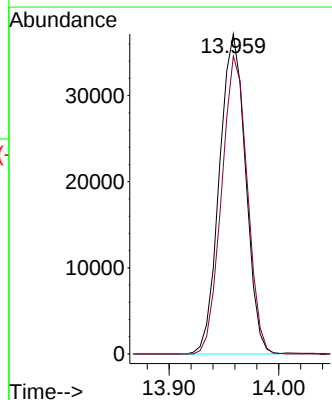
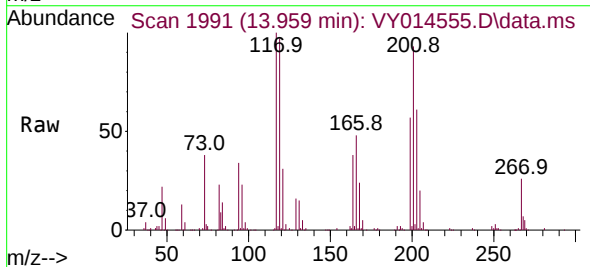
Manual Integrations
APPROVED

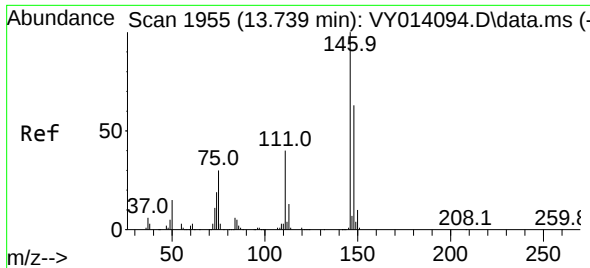
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#90
Hexachloroethane
Concen: 21.942 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Tgt Ion:117 Resp: 61620
Ion Ratio Lower Upper
117 100
201 91.4 41.6 124.8





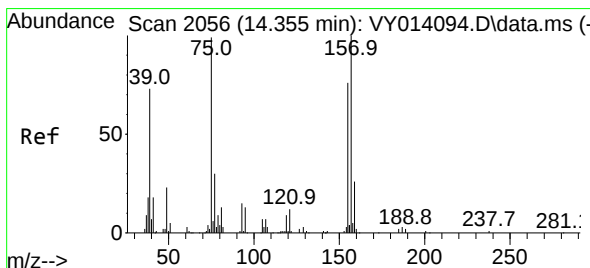
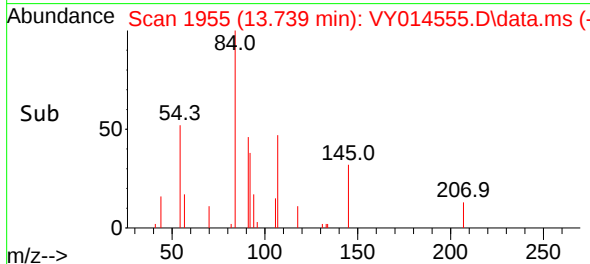
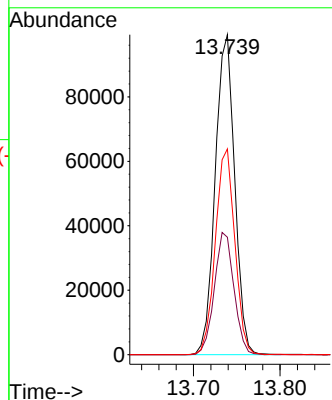
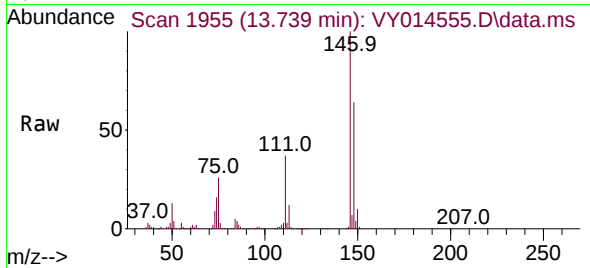
#91
1,2-Dichlorobenzene
Concen: 20.868 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01

Tgt Ion:146 Resp: 15489
Ion Ratio Lower Upper
146 100
111 38.5 19.7 59.0
148 64.5 32.0 96.2

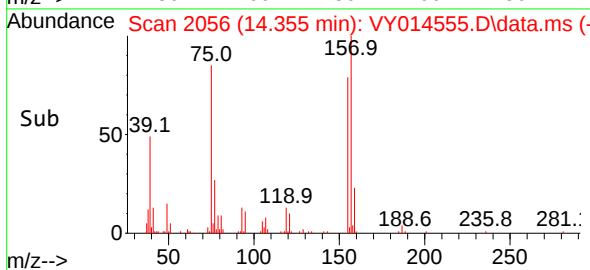
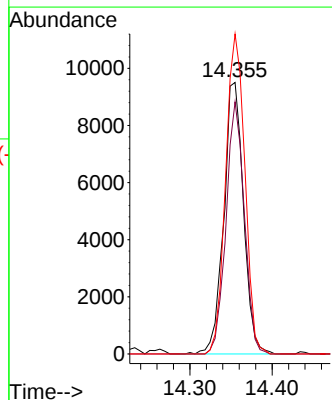
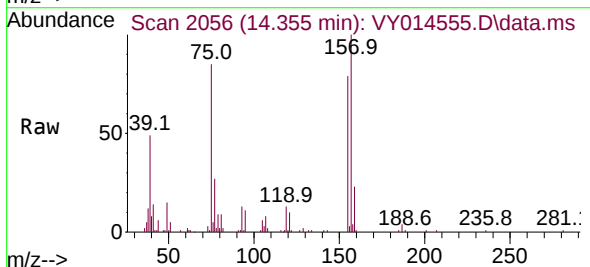
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.990 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Tgt Ion: 75 Resp: 15853
Ion Ratio Lower Upper
75 100
155 86.1 41.5 124.6
157 114.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.612 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014555.D

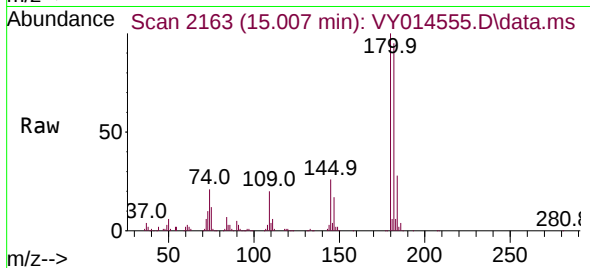
Acq: 05 Jul 2023 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0703SBS01



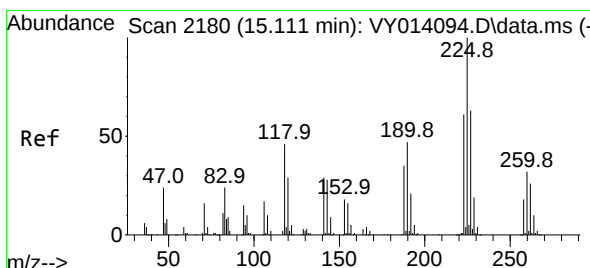
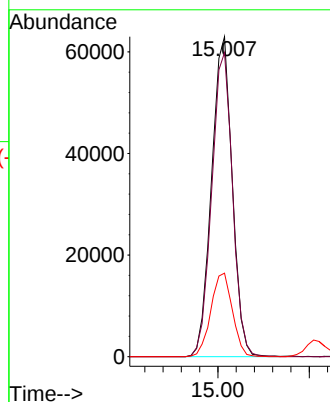
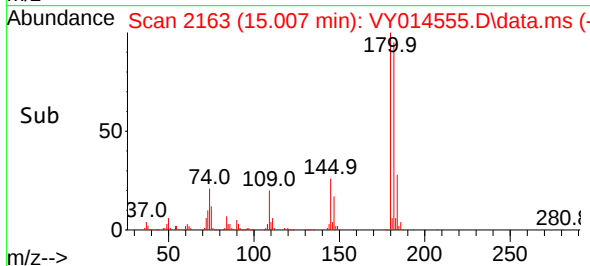
Tgt Ion:180	Resp:	98820
Ion Ratio	Lower	Upper
180	100	
182	95.6	47.0 141.2
145	27.2	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/06/2023



#94

Hexachlorobutadiene

Concen: 22.108 ug/l

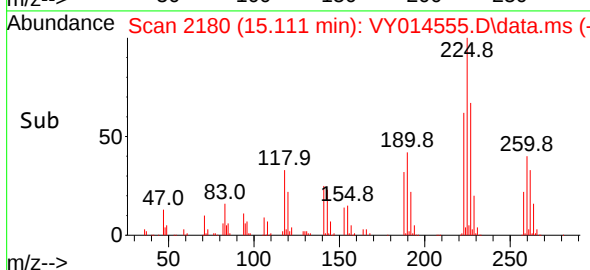
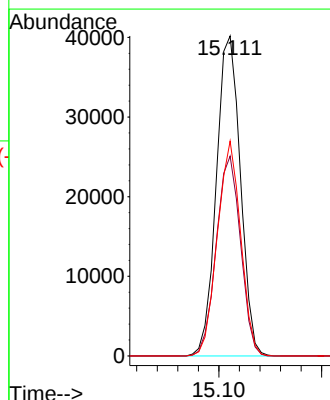
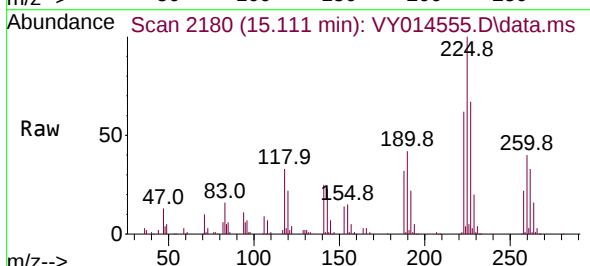
RT: 15.111 min Scan# 2180

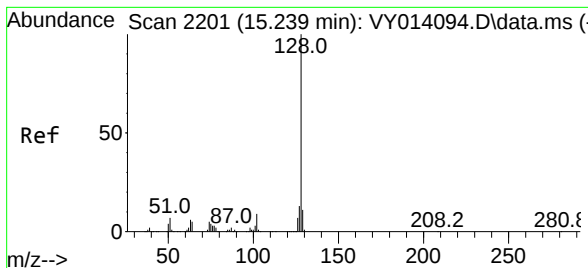
Delta R.T. -0.000 min

Lab File: VY014555.D

Acq: 05 Jul 2023 13:57

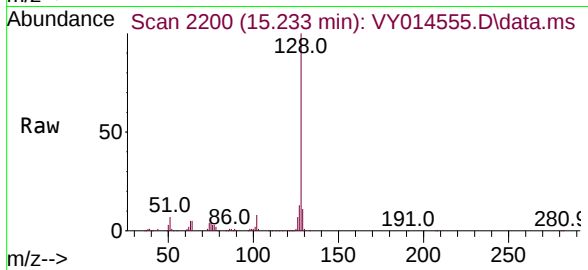
Tgt Ion:225	Resp:	65143
Ion Ratio	Lower	Upper
225	100	
223	62.9	31.9 95.9
227	65.2	33.0 98.9





#95
Naphthalene
Concen: 19.612 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

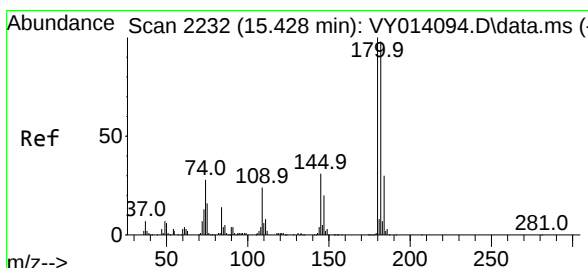
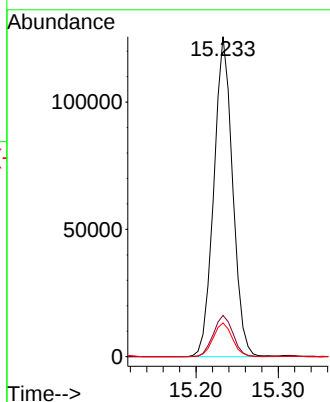
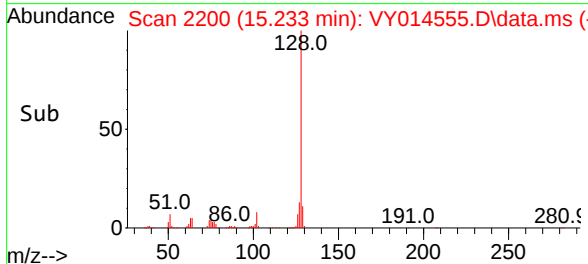
Instrument :
MSVOA_Y
ClientSampleId :
VY0703SBS01



Tgt Ion:128 Resp: 200044
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.623 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014555.D
Acq: 05 Jul 2023 13:57

Tgt Ion:180 Resp: 90086
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.8
145 29.3 15.4 46.2

