

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014735.D
 Acq On : 21 Jul 2023 10:36
 Operator : SY/MD
 Sample : VY0721SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01

Quant Time: Jul 22 05:31:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	247325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	406685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	357774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	145554	51.645	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.280%			
35) Dibromofluoromethane	7.716	113	134102	51.800	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.600%			
50) Toluene-d8	10.179	98	480902	50.385	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.760%			
62) 4-Bromofluorobenzene	12.483	95	182179	49.779	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44885	22.276	ug/l	94
3) Chloromethane	2.113	50	55918	24.687	ug/l	98
4) Vinyl Chloride	2.247	62	64229	25.373	ug/l	96
5) Bromomethane	2.631	94	44977	26.886	ug/l	99
6) Chloroethane	2.783	64	40158	25.397	ug/l	92
7) Trichlorofluoromethane	3.119	101	91904	21.617	ug/l	98
8) Diethyl Ether	3.527	74	32983	20.851	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	54198	20.798	ug/l	97
10) Methyl Iodide	4.088	142	52532	20.485	ug/l	98
11) Tert butyl alcohol	4.954	59	63522	97.497	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	49874	20.478	ug/l	94
13) Acrolein	3.728	56	27350	92.846	ug/l	97
14) Allyl chloride	4.472	41	81790	18.914	ug/l	97
15) Acrylonitrile	5.161	53	93646	107.355	ug/l	99
16) Acetone	3.948	43	92821	103.931	ug/l	94
17) Carbon Disulfide	4.192	76	141043	20.228	ug/l	100
18) Methyl Acetate	4.478	43	76075	22.197	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	166665	21.066	ug/l	99
20) Methylene Chloride	4.716	84	58029	17.234	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	56286	20.365	ug/l	88
22) Diisopropyl ether	6.118	45	171870	19.549	ug/l	94
23) Vinyl Acetate	6.057	43	522973	99.399	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	101828	20.242	ug/l	96
25) 2-Butanone	6.990	43	140490	107.523	ug/l	95
26) 2,2-Dichloropropane	6.978	77	95448	19.908	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	66728	20.741	ug/l	94
28) Bromochloromethane	7.331	49	45931	21.200	ug/l	91
29) Tetrahydrofuran	7.350	42	88173	109.593	ug/l	93
30) Chloroform	7.508	83	106093	20.451	ug/l	92
31) Cyclohexane	7.783	56	89774	19.189	ug/l	87
32) 1,1,1-Trichloroethane	7.703	97	96313	20.629	ug/l	98
36) 1,1-Dichloropropene	7.917	75	79359	20.498	ug/l	99
37) Ethyl Acetate	7.075	43	57017	21.390	ug/l #	94
38) Carbon Tetrachloride	7.898	117	84990	20.767	ug/l	98
39) Methylcyclohexane	9.185	83	101321	20.088	ug/l	95
40) Benzene	8.161	78	227389	20.651	ug/l	98

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	26501m	19.329	ug/l	
42) 1,2-Dichloroethane	8.240	62	73221	20.999	ug/l	95
43) Isopropyl Acetate	8.276	43	104894	20.658	ug/l	96
44) Trichloroethene	8.941	130	63510	20.615	ug/l	100
45) 1,2-Dichloropropane	9.221	63	57621	20.041	ug/l	98
46) Dibromomethane	9.307	93	37185	21.319	ug/l	98
47) Bromodichloromethane	9.496	83	84401	20.531	ug/l	100
48) Methyl methacrylate	9.294	41	46090	20.172	ug/l	90
49) 1,4-Dioxane	9.301	88	12889	453.178	ug/l #	54
51) 4-Methyl-2-Pentanone	10.069	43	283816	106.458	ug/l	93
52) Toluene	10.246	92	143865	20.418	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	90832	20.199	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	99316	20.310	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	52385	21.561	ug/l	95
56) Ethyl methacrylate	10.508	69	76657	20.664	ug/l	89
57) 1,3-Dichloropropane	10.788	76	87005	20.762	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	196134	113.470	ug/l	94
59) 2-Hexanone	10.831	43	209468	107.741	ug/l	92
60) Dibromochloromethane	10.983	129	63044	21.163	ug/l	99
61) 1,2-Dibromoethane	11.087	107	51300	21.165	ug/l	100
64) Tetrachloroethene	10.721	164	63098	21.928	ug/l	97
65) Chlorobenzene	11.514	112	158686	20.814	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	59763	20.790	ug/l	98
67) Ethyl Benzene	11.593	91	278800	20.254	ug/l	99
68) m/p-Xylenes	11.703	106	217490	41.391	ug/l	95
69) o-Xylene	12.032	106	105620	20.637	ug/l	97
70) Styrene	12.044	104	178465	20.689	ug/l	98
71) Bromoform	12.209	173	41431	21.263	ug/l #	99
73) Isopropylbenzene	12.331	105	278795	19.742	ug/l	100
74) N-amyl acetate	12.142	43	93107	19.686	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	65563	20.359	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	51900m	22.785	ug/l	
77) Bromobenzene	12.611	156	66465	20.619	ug/l	98
78) n-propylbenzene	12.672	91	337696	19.845	ug/l	100
79) 2-Chlorotoluene	12.757	91	191994	19.588	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	235067	19.932	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	23303	19.808	ug/l	92
82) 4-Chlorotoluene	12.855	91	197059	19.522	ug/l	100
83) tert-Butylbenzene	13.074	119	204898	19.585	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	233166	20.145	ug/l	99
85) sec-Butylbenzene	13.251	105	308614	20.109	ug/l	100
86) p-Isopropyltoluene	13.367	119	256854	20.499	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	130020	20.724	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	129329	20.571	ug/l	98
89) n-Butylbenzene	13.696	91	243453	19.971	ug/l	97
90) Hexachloroethane	13.958	117	49903	19.390	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	118613	20.635	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12678	20.586	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	73547	20.157	ug/l	98
94) Hexachlorobutadiene	15.111	225	41005	20.450	ug/l	97
95) Naphthalene	15.232	128	175733	20.672	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	64721	19.958	ug/l	98

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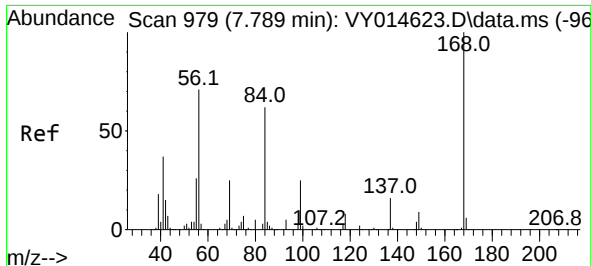
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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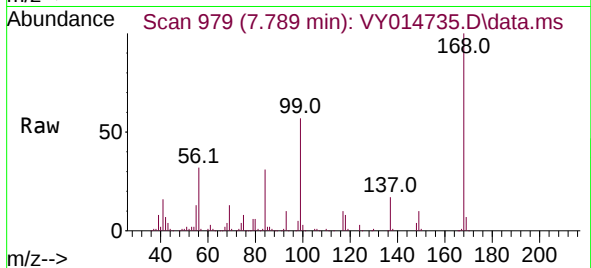
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014735.D
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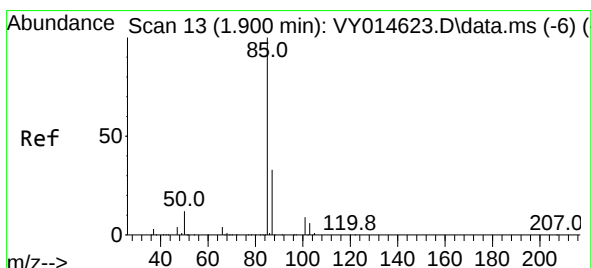
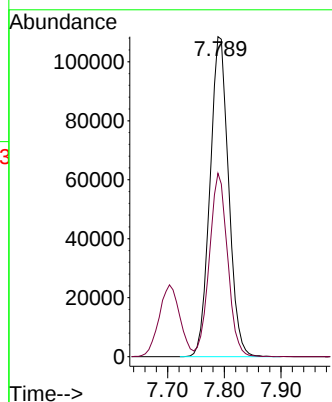
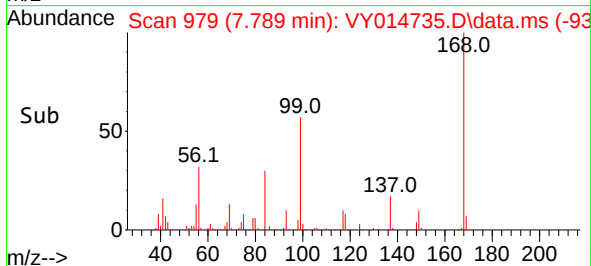
Instrument :
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ClientSampleId :
VY0721SBS01



Tgt Ion:168 Resp: 247325
Ion Ratio Lower Upper
168 100
99 57.3 43.4 65.0

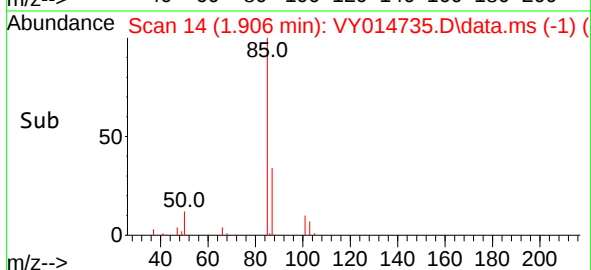
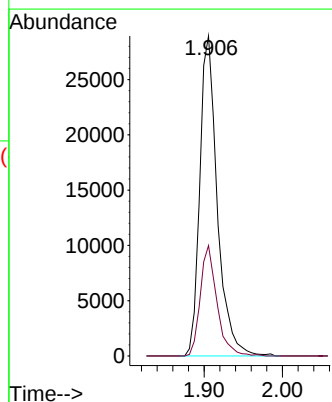
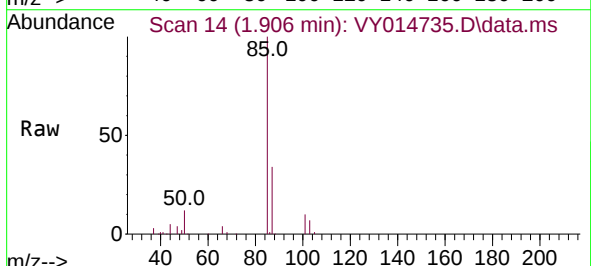
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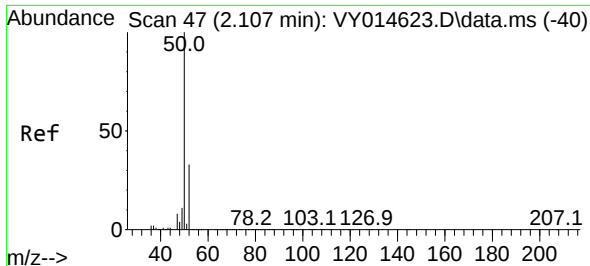
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#2
Dichlorodifluoromethane
Concen: 22.276 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

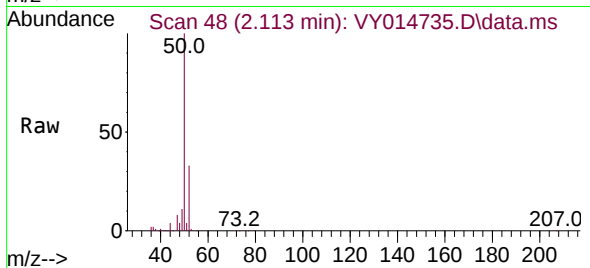
Tgt Ion: 85 Resp: 44885
Ion Ratio Lower Upper
85 100
87 34.5 15.6 46.8





#3
Chloromethane
Concen: 24.687 ug/l
RT: 2.113 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

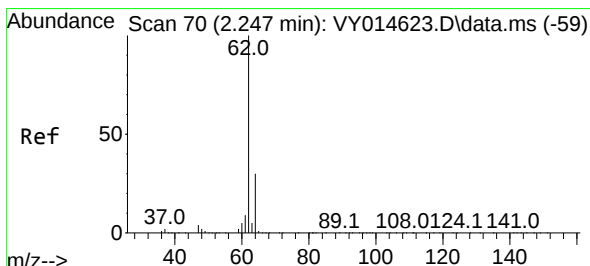
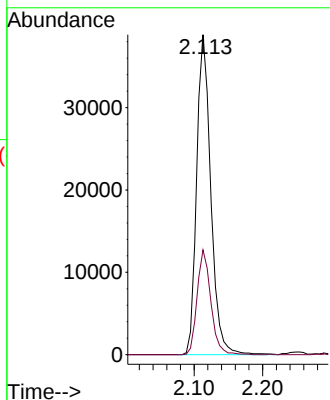
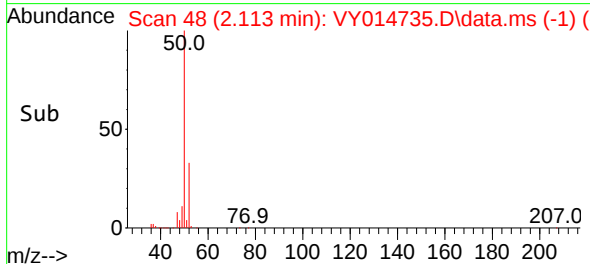
Instrument :
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Tgt Ion: 50 Resp: 55918
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2

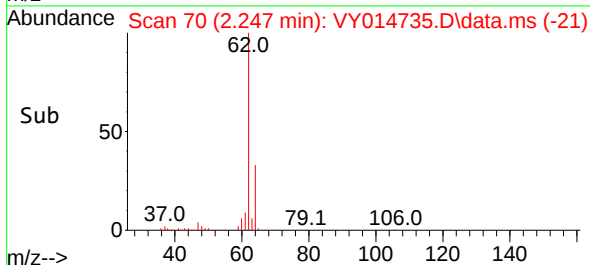
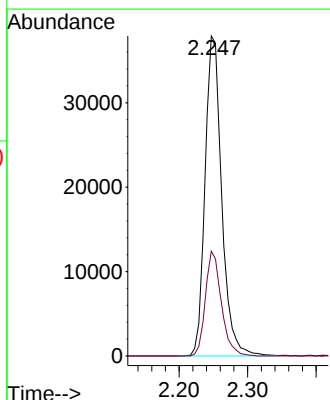
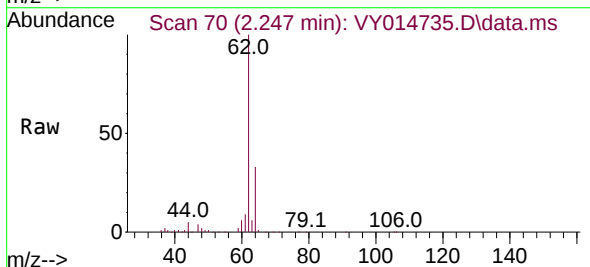
Manual Integrations
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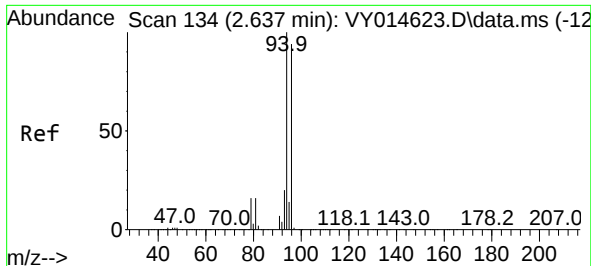
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#4
Vinyl Chloride
Concen: 25.373 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

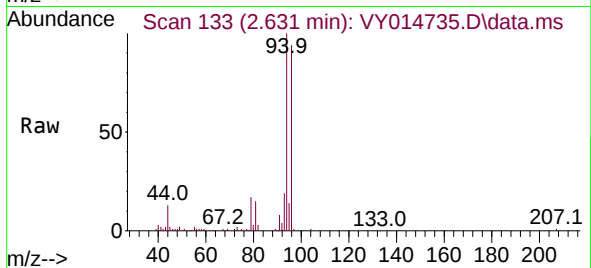
Tgt Ion: 62 Resp: 64229
Ion Ratio Lower Upper
62 100
64 32.8 24.3 36.5





#5
Bromomethane
Concen: 26.886 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

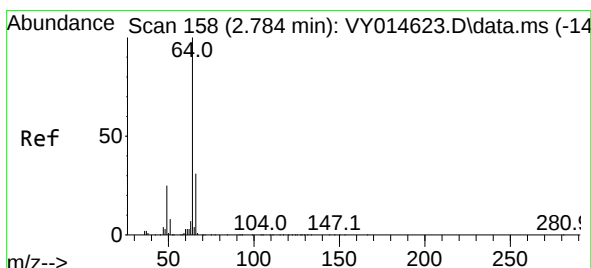
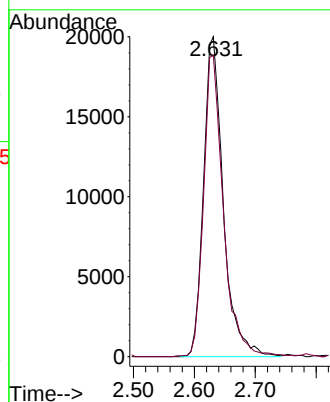
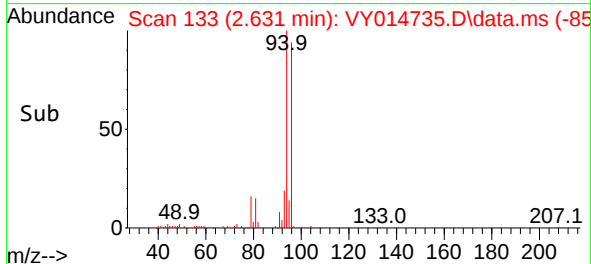
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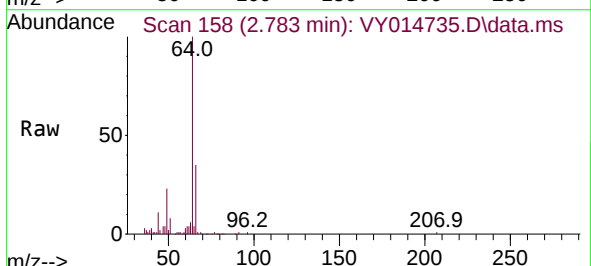
Tgt Ion: 94 Resp: 4497
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.6

Manual Integrations
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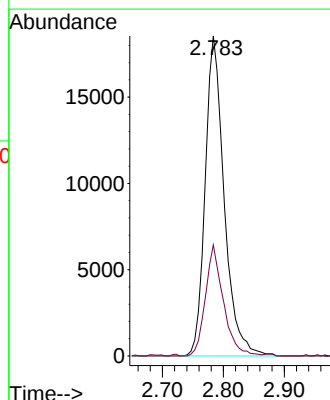
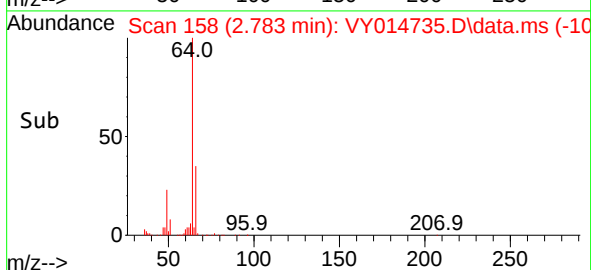
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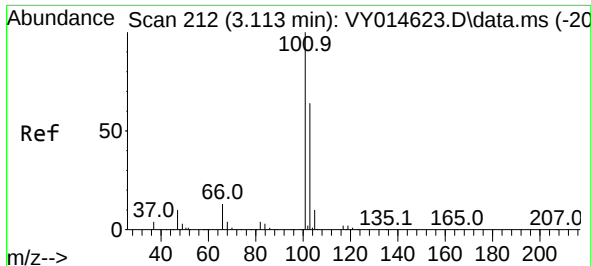


#6
Chloroethane
Concen: 25.397 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.001 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36



Tgt Ion: 64 Resp: 40158
Ion Ratio Lower Upper
64 100
66 34.7 24.4 36.6





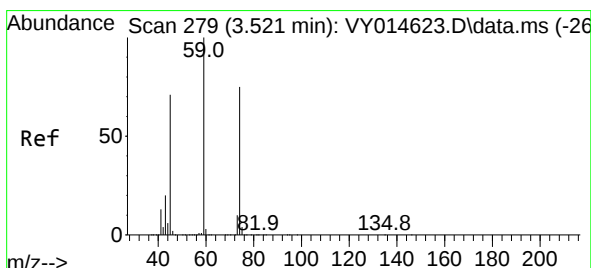
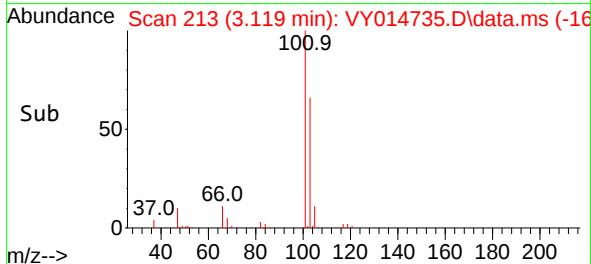
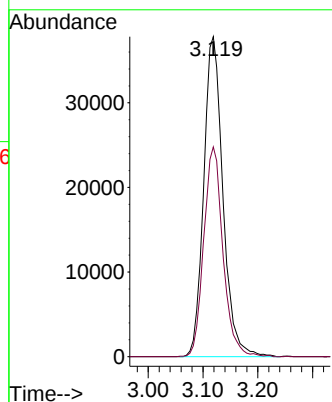
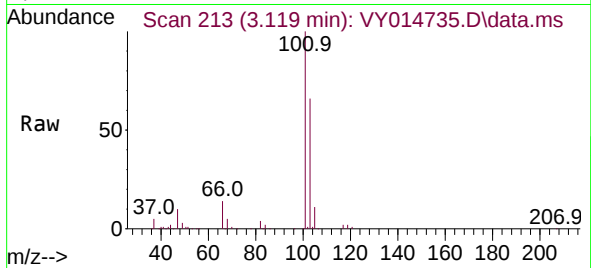
#7
Trichlorofluoromethane
Concen: 21.617 ug/l
RT: 3.119 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Instrument :
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ClientSampleId :
VY0721SBS01

Tgt Ion:101 Resp: 91904
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0

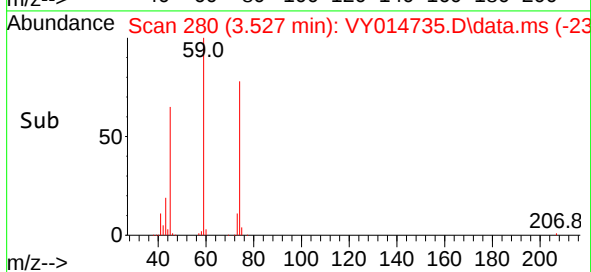
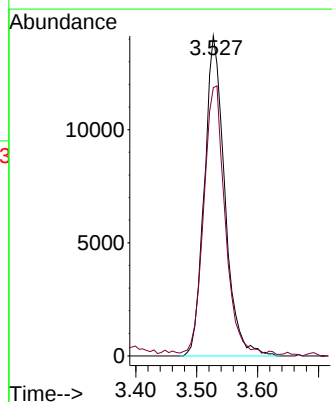
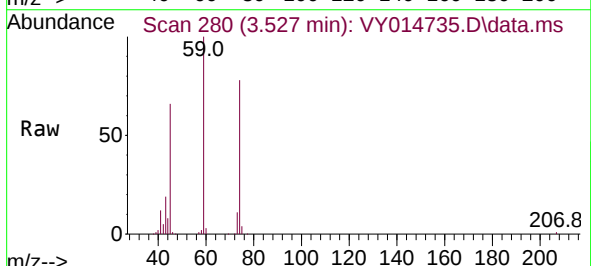
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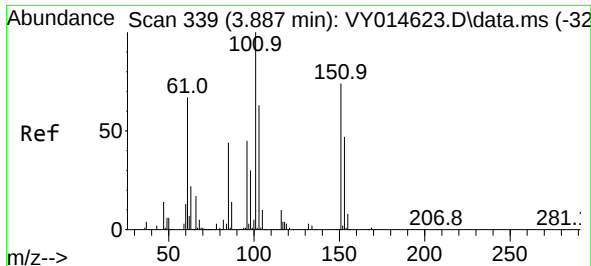
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#8
Diethyl Ether
Concen: 20.851 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Tgt Ion: 74 Resp: 32983
Ion Ratio Lower Upper
74 100
45 86.7 51.5 154.5





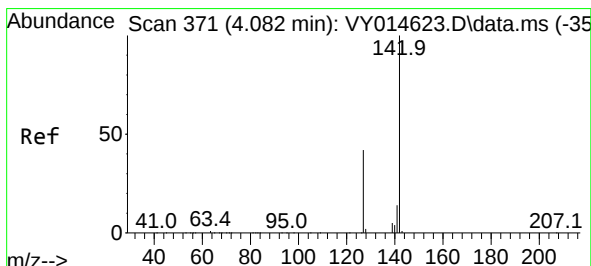
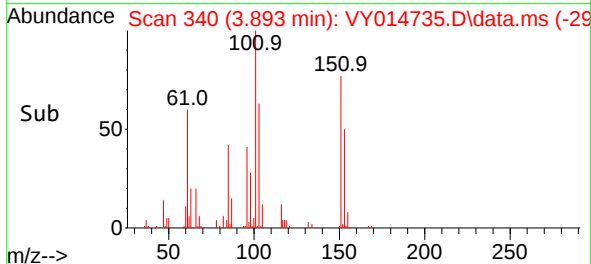
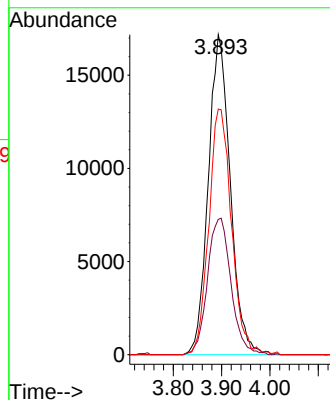
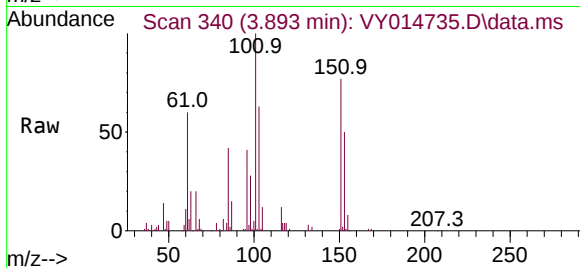
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.798 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tgt Ion:101 Resp: 54198
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 79.4 67.0 100.6

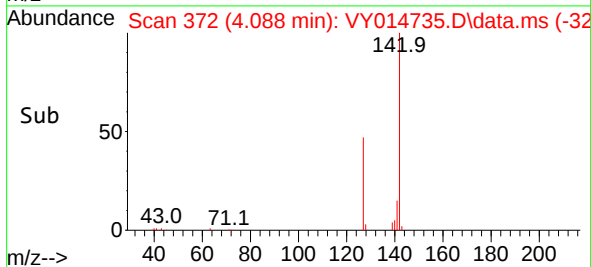
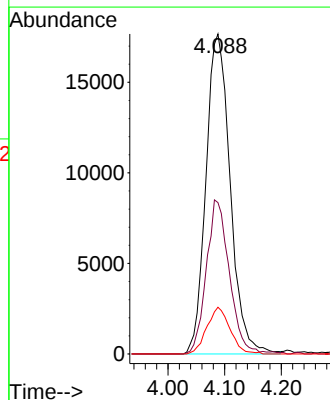
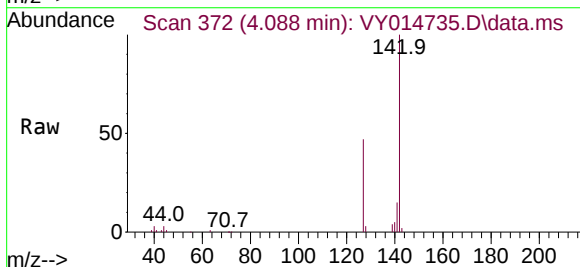
Manual Integrations
APPROVED

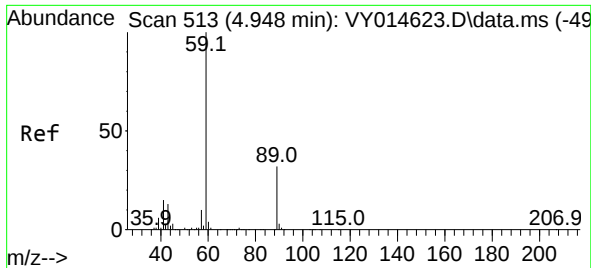
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#10
Methyl Iodide
Concen: 20.485 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Tgt Ion:142 Resp: 52532
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.0 11.8 17.8





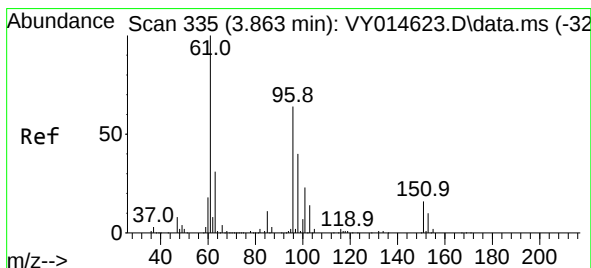
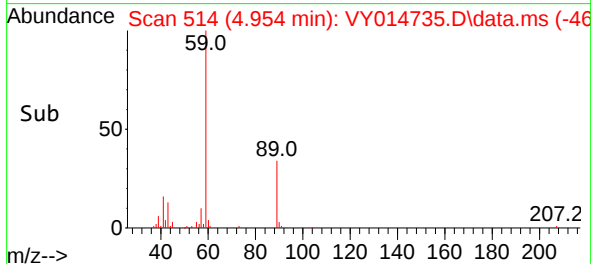
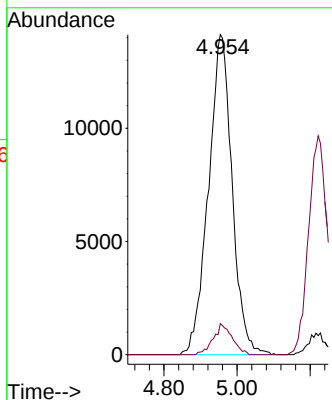
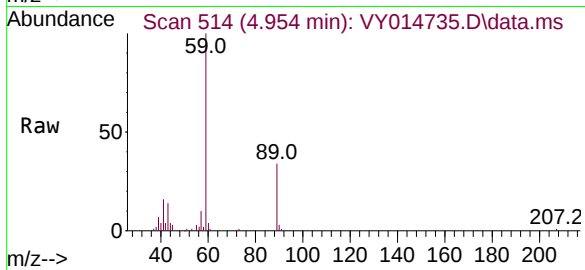
#11
Tert butyl alcohol
Concen: 97.497 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tgt Ion: 59 Resp: 6352
Ion Ratio Lower Upper
59 100
57 7.7 3.0 4.4

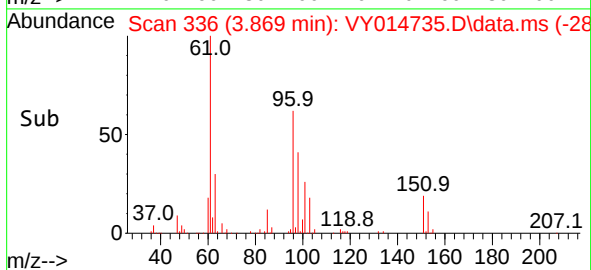
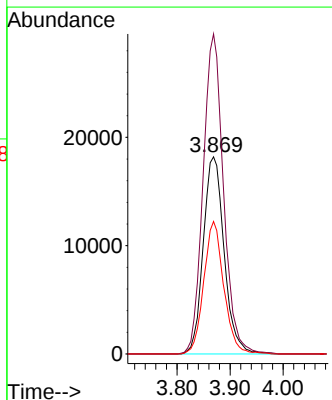
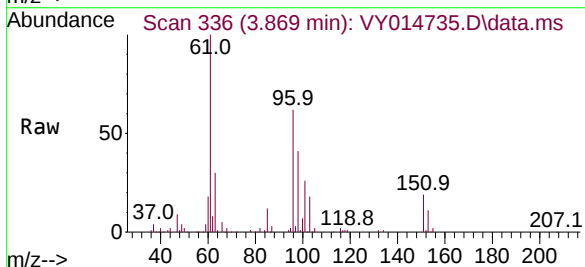
Manual Integrations
APPROVED

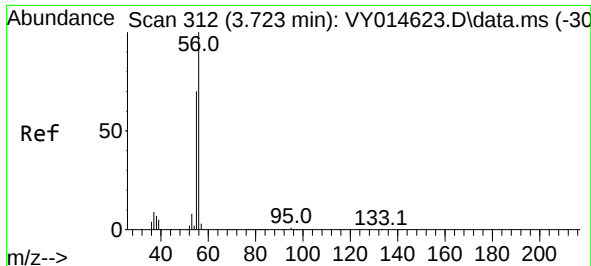
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#12
1,1-Dichloroethene
Concen: 20.478 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Tgt Ion: 96 Resp: 49874
Ion Ratio Lower Upper
96 100
61 162.4 136.4 204.6
98 67.2 49.4 74.2





#13

Acrolein

Concen: 92.846 ug/l

RT: 3.728 min Scan# 312

Delta R.T. 0.005 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tgt Ion: 56 Resp: 27350

Ion Ratio Lower Upper

56 100

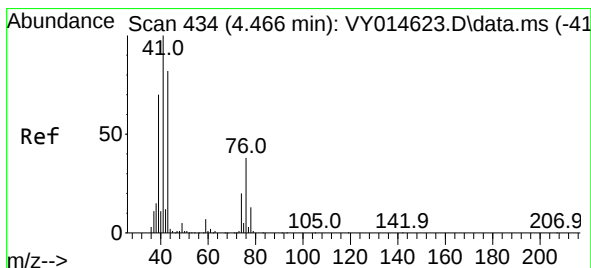
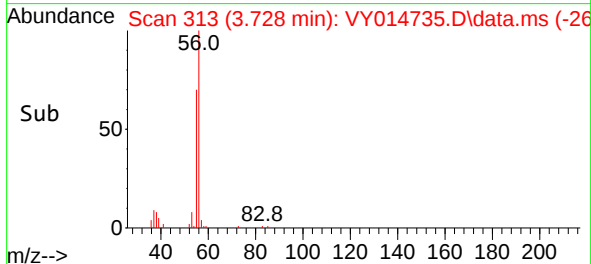
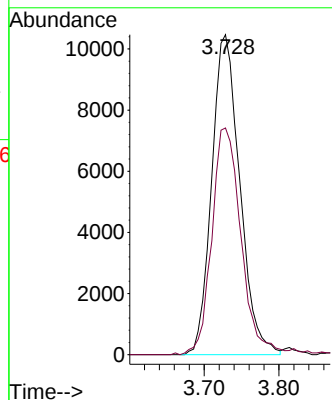
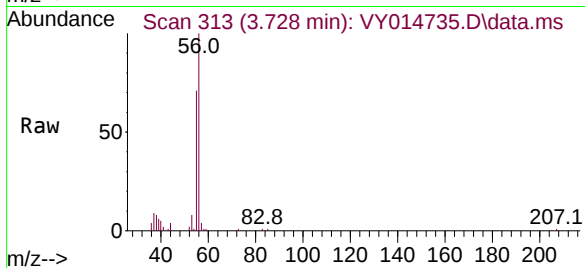
55 73.4 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#14

Allyl chloride

Concen: 18.914 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

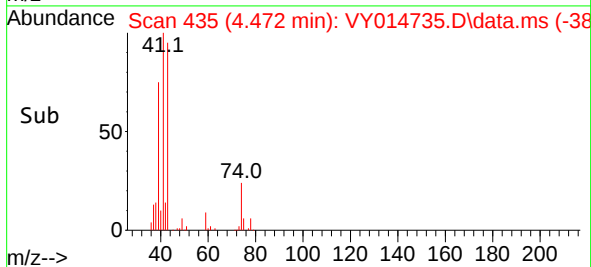
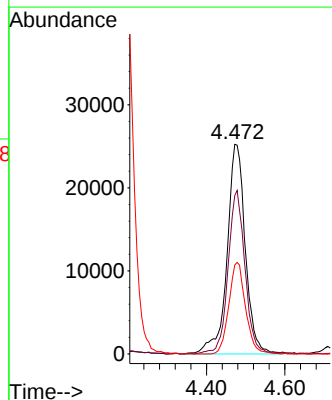
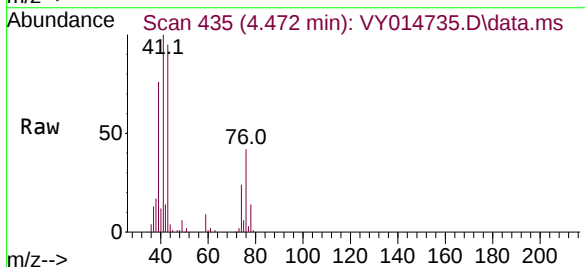
Tgt Ion: 41 Resp: 81790

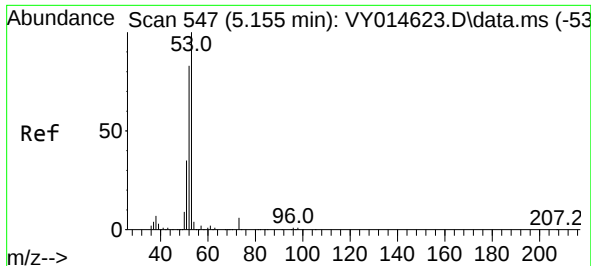
Ion Ratio Lower Upper

41 100

39 72.5 58.0 87.0

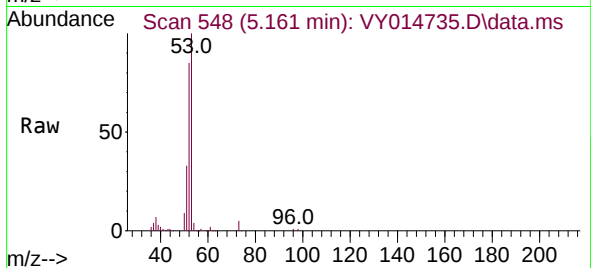
76 39.8 27.4 41.2





#15
Acrylonitrile
Concen: 107.355 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

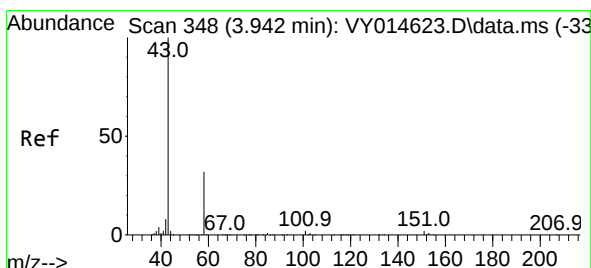
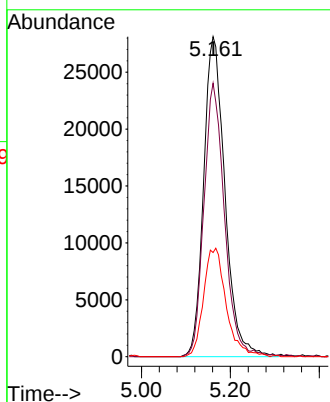
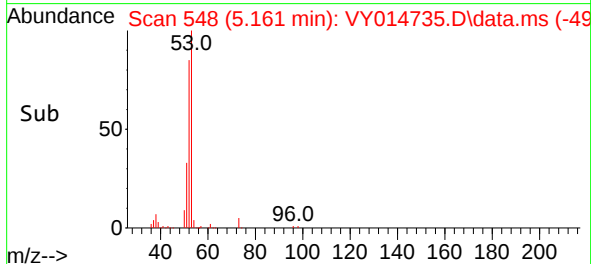
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



Tgt Ion: 53 Resp: 93640
Ion Ratio Lower Upper
53 100
52 82.7 66.9 100.3
51 36.1 29.8 44.6

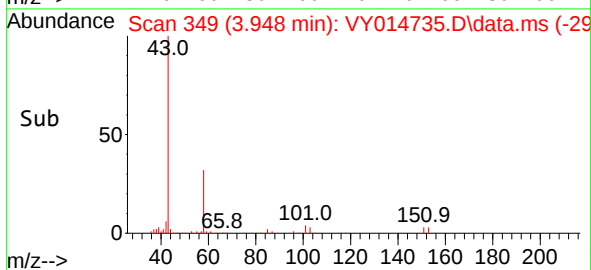
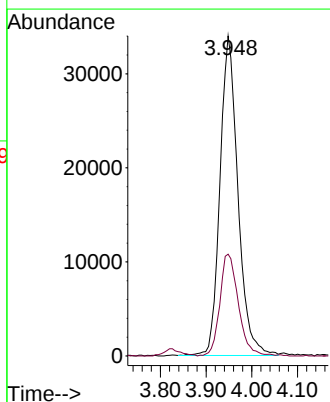
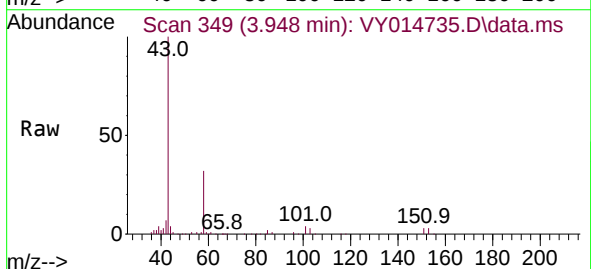
Manual Integrations
APPROVED

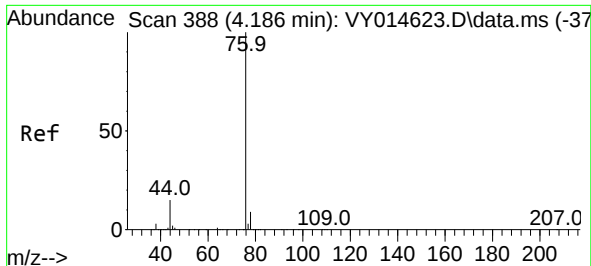
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#16
Acetone
Concen: 103.931 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

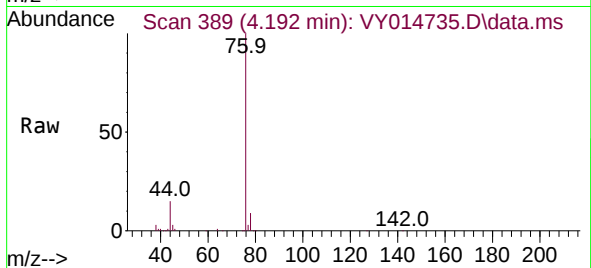
Tgt Ion: 43 Resp: 92821
Ion Ratio Lower Upper
43 100
58 31.5 22.7 34.1





#17
Carbon Disulfide
Concen: 20.228 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

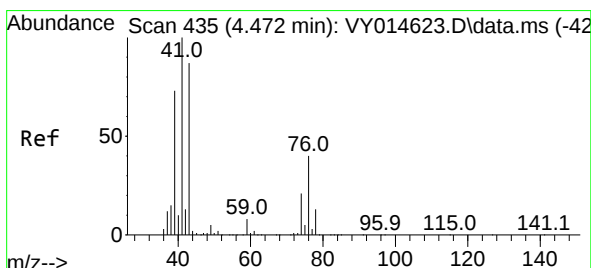
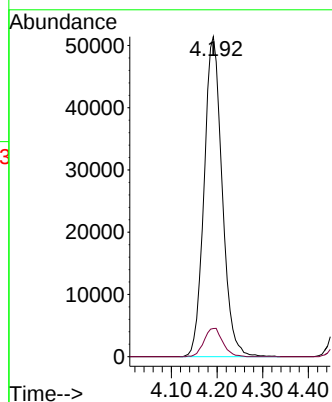
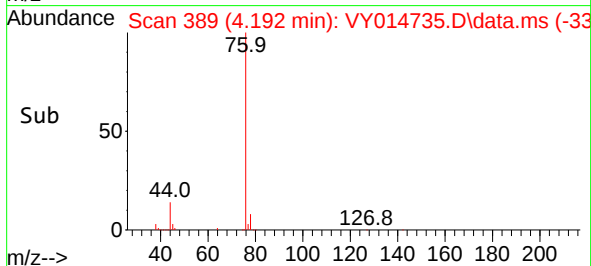
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



Tgt Ion: 76 Resp: 14104
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

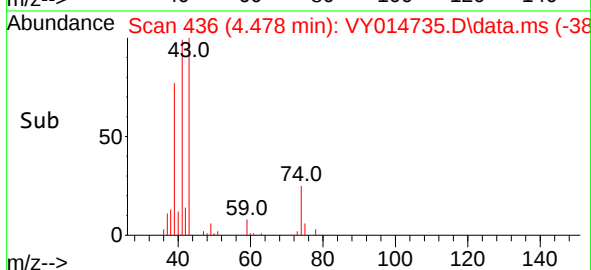
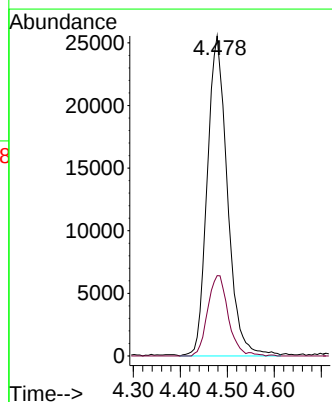
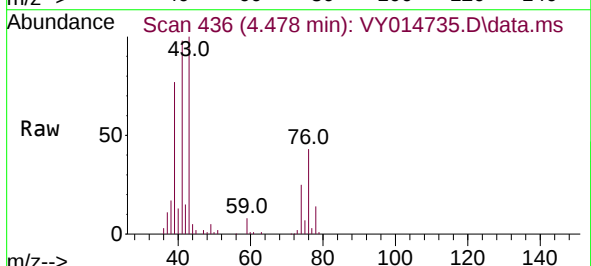
Manual Integrations
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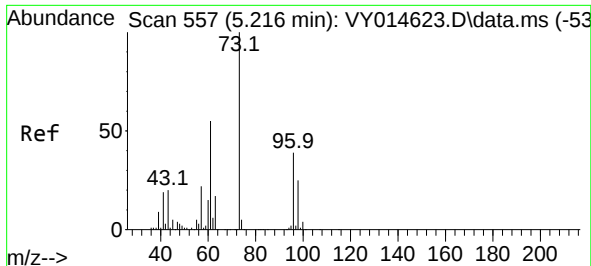
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#18
Methyl Acetate
Concen: 22.197 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

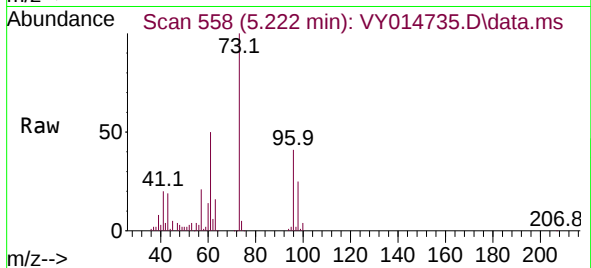
Tgt Ion: 43 Resp: 76075
Ion Ratio Lower Upper
43 100
74 25.6 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 21.066 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

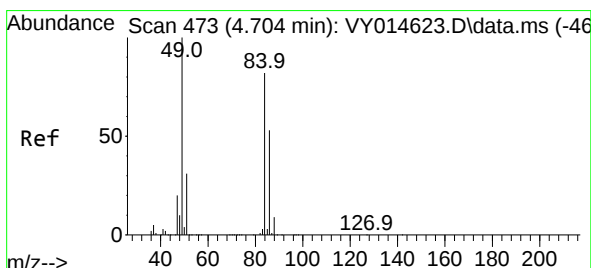
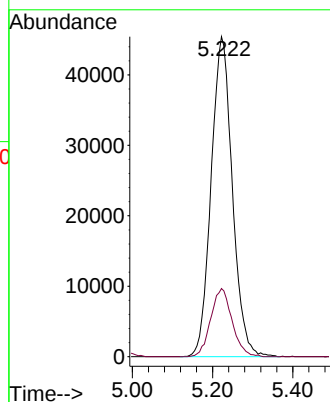
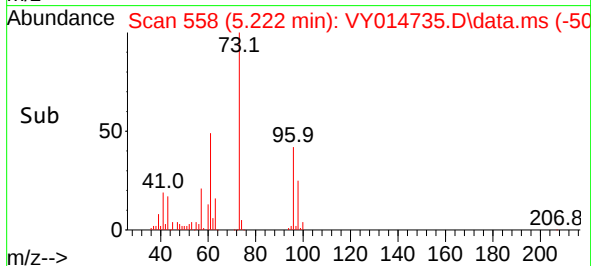
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



Tgt Ion: 73 Resp: 16666
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

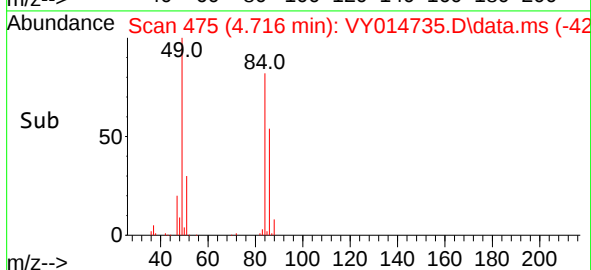
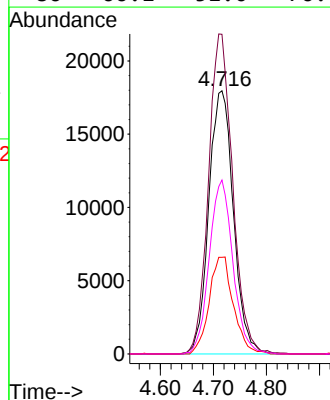
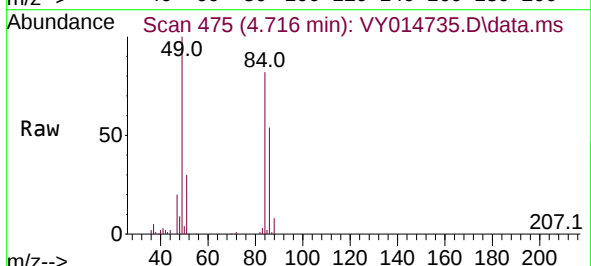
Manual Integrations
APPROVED

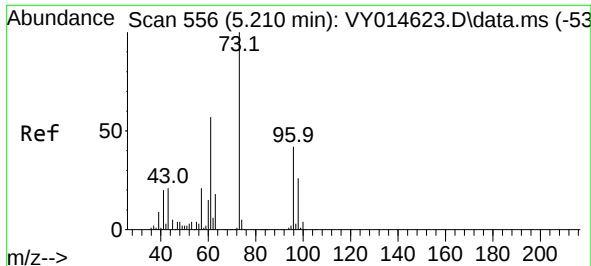
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#20
Methylene Chloride
Concen: 17.234 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

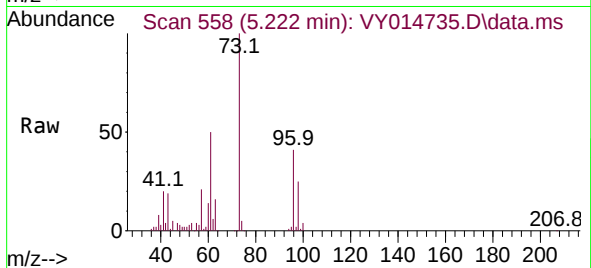
Tgt Ion: 84 Resp: 58029
Ion Ratio Lower Upper
84 100
49 121.5 106.9 160.3
51 36.7 33.2 49.8
86 66.1 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.365 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

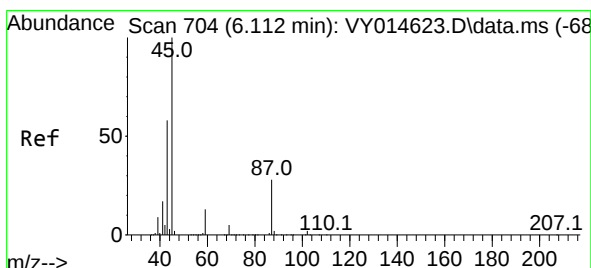
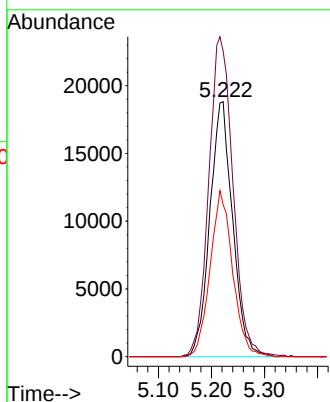
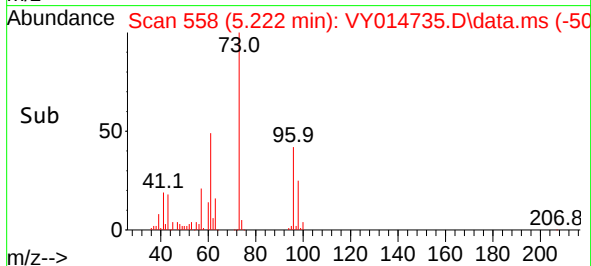
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



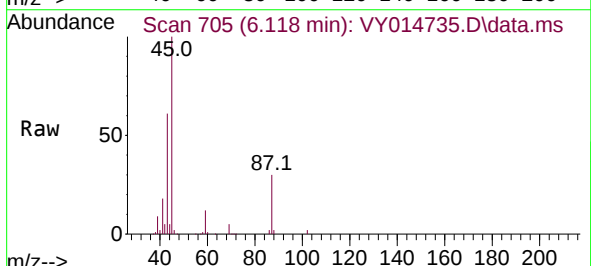
Tgt Ion: 96 Resp: 56280
Ion Ratio Lower Upper
96 100
61 119.8 110.2 165.4
98 59.6 51.8 77.6

Manual Integrations
APPROVED

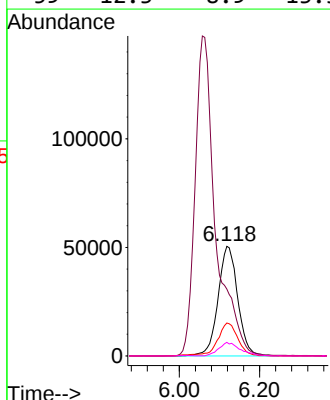
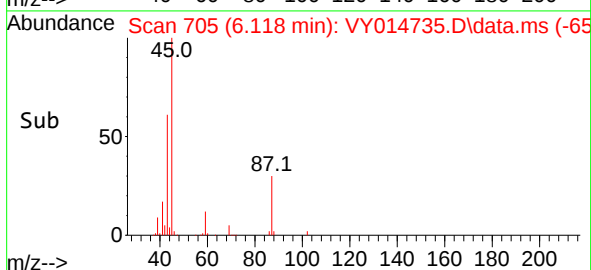
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

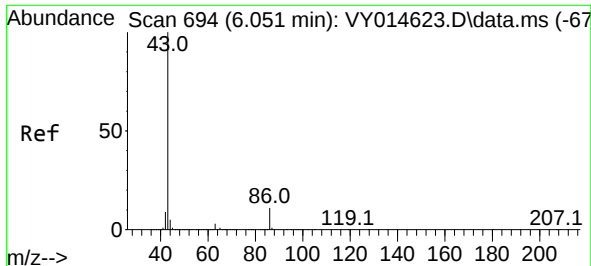


#22
Diisopropyl ether
Concen: 19.549 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36



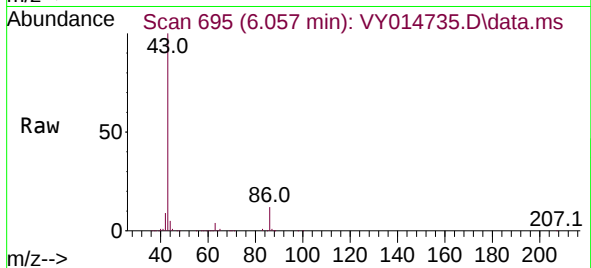
Tgt Ion: 45 Resp: 171870
Ion Ratio Lower Upper
45 100
43 60.5 52.2 78.4
87 30.1 21.0 31.6
59 12.3 8.9 13.3





#23
 Vinyl Acetate
 Concen: 99.399 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY014735.D
 Acq: 21 Jul 2023 10:36

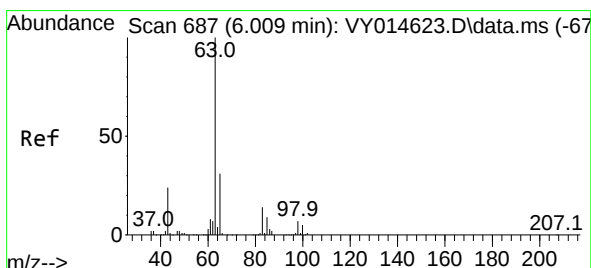
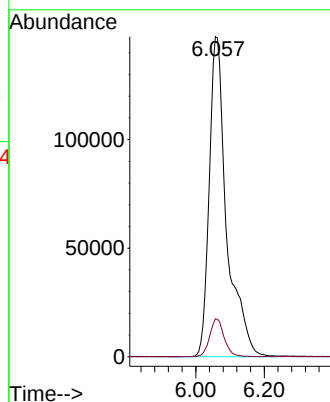
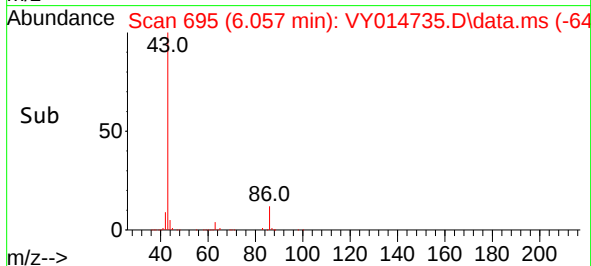
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01



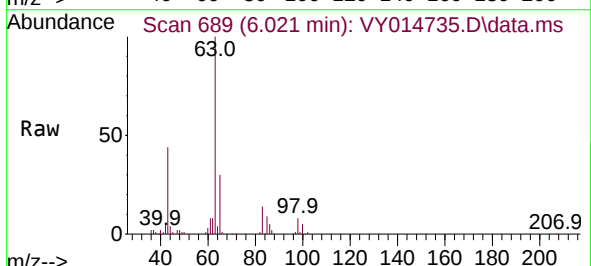
Tgt Ion: 43 Resp: 52297
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3

Manual Integrations
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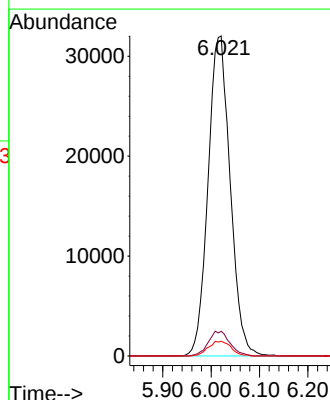
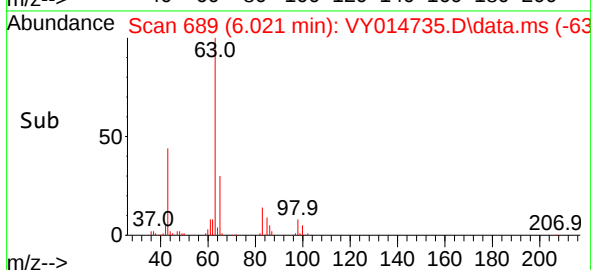
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

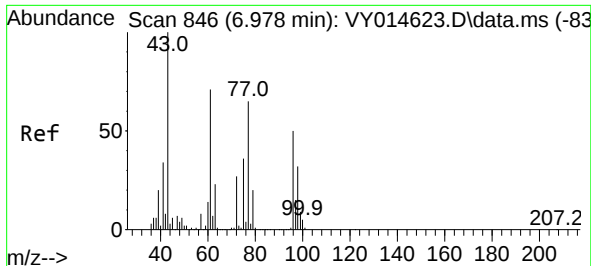


#24
 1,1-Dichloroethane
 Concen: 20.242 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY014735.D
 Acq: 21 Jul 2023 10:36



Tgt Ion: 63 Resp: 101828
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 107.523 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tgt Ion: 43 Resp: 140490

Ion Ratio Lower Upper

43 100

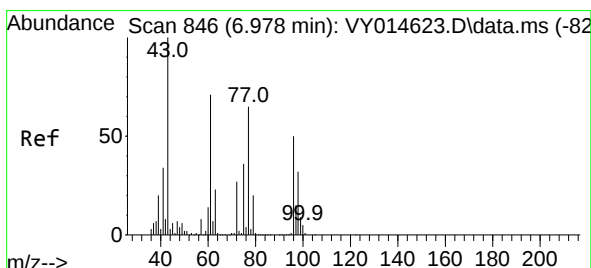
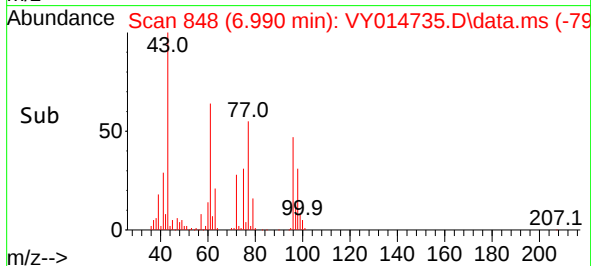
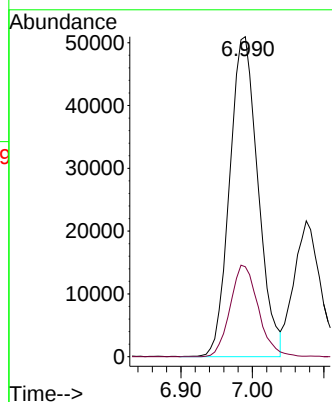
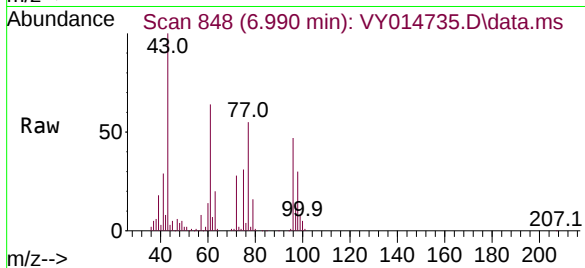
72 28.1 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#26

2,2-Dichloropropane

Concen: 19.908 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY014735.D

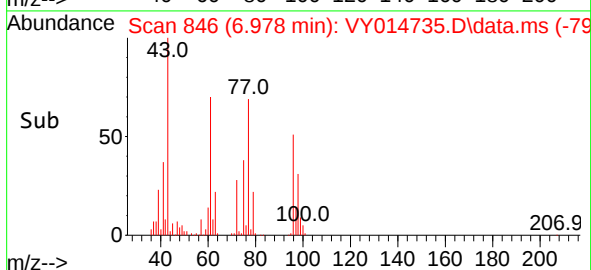
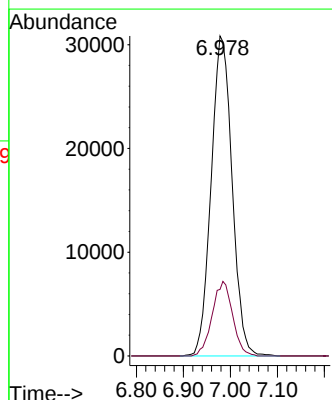
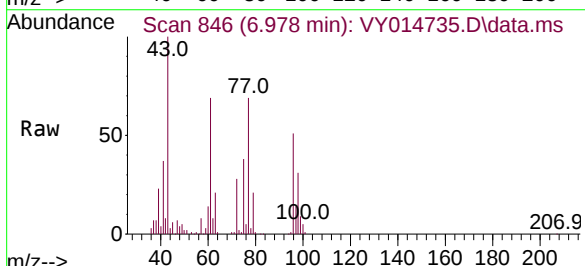
Acq: 21 Jul 2023 10:36

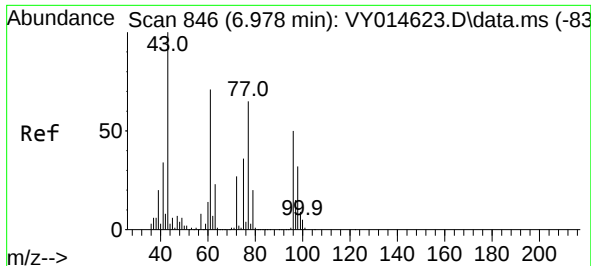
Tgt Ion: 77 Resp: 95448

Ion Ratio Lower Upper

77 100

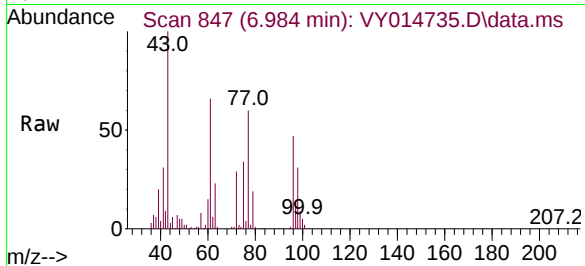
97 22.7 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 20.741 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY014735.D
 Acq: 21 Jul 2023 10:36

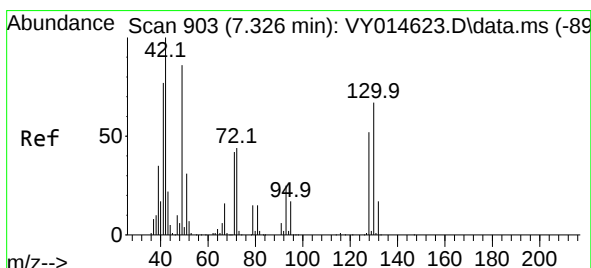
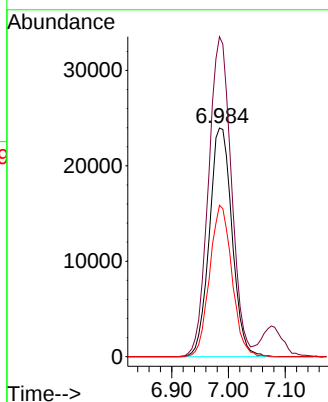
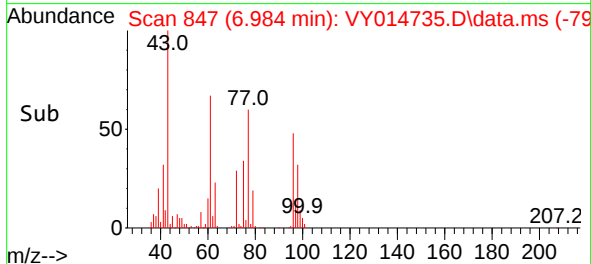
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0721SBS01



Tgt Ion: 96 Resp: 66728
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 301.4
 98 65.0 0.0 130.4

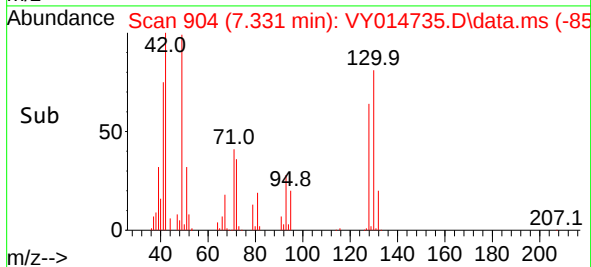
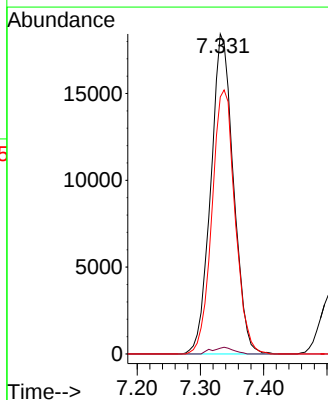
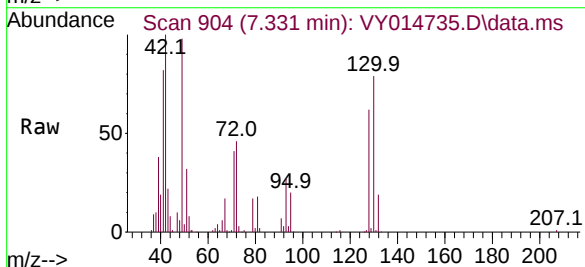
Manual Integrations
 APPROVED

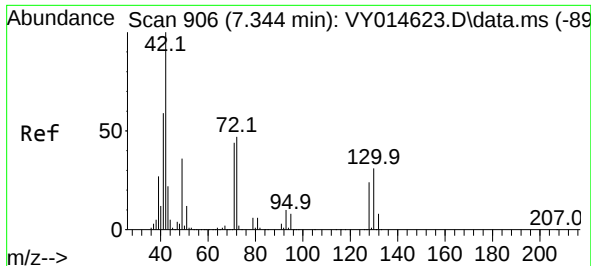
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#28
 Bromochloromethane
 Concen: 21.200 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. 0.005 min
 Lab File: VY014735.D
 Acq: 21 Jul 2023 10:36

Tgt Ion: 49 Resp: 45931
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 83.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 109.593 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY014735.D

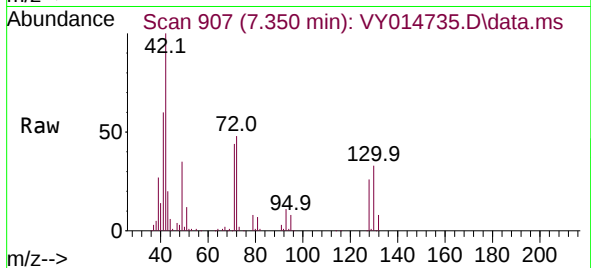
Acq: 21 Jul 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01



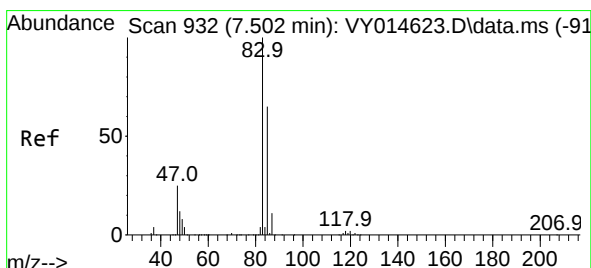
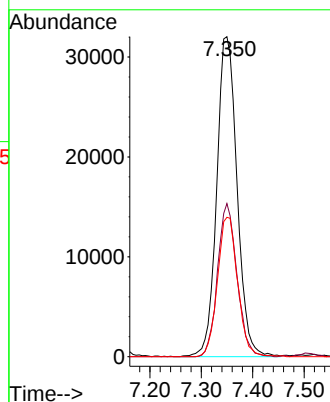
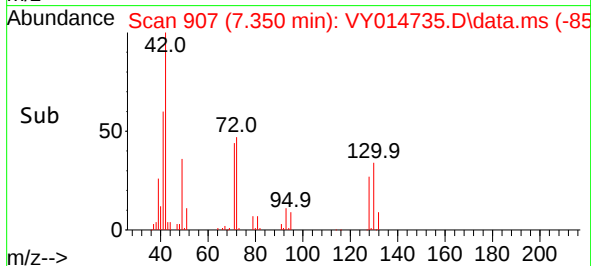
Tgt Ion:	42	Resp:	8817
Ion Ratio	Lower	Upper	
42	100		
72	45.5	32.8	49.2
71	43.3	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#30

Chloroform

Concen: 20.451 ug/l

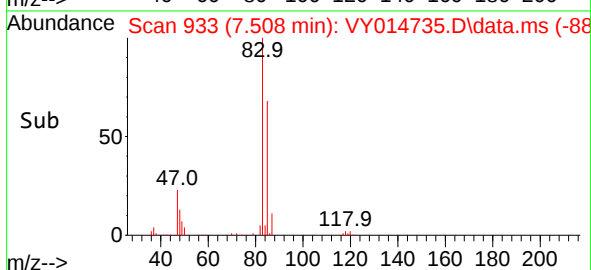
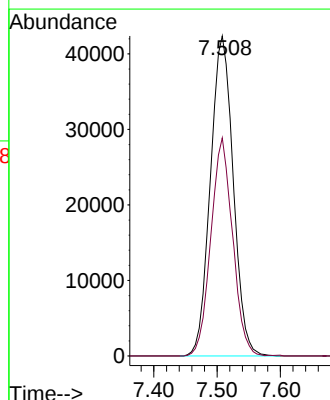
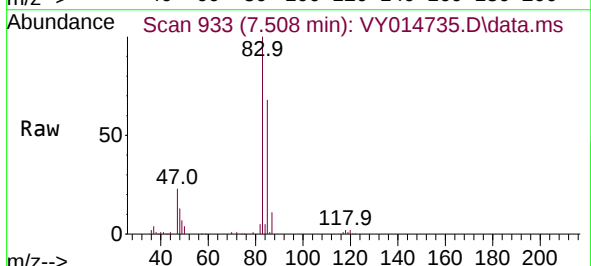
RT: 7.508 min Scan# 933

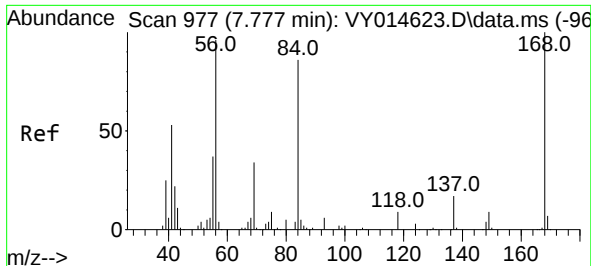
Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

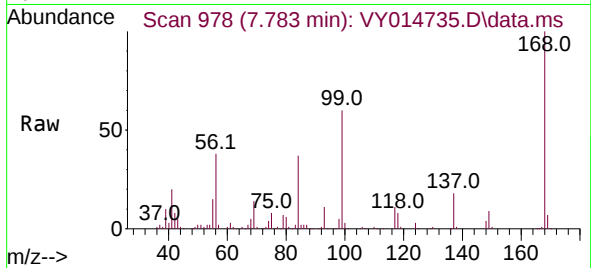
Tgt Ion:	83	Resp:	106093
Ion Ratio	Lower	Upper	
83	100		
85	68.1	49.7	74.5





#31
Cyclohexane
Concen: 19.189 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

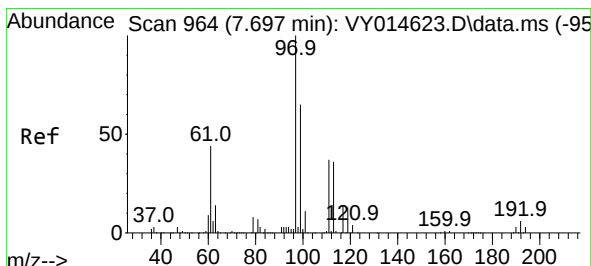
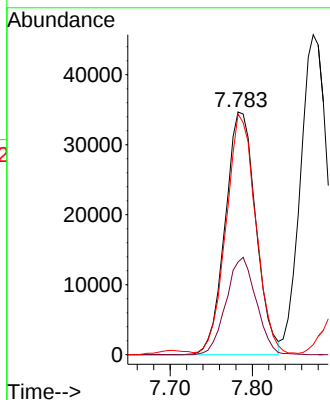
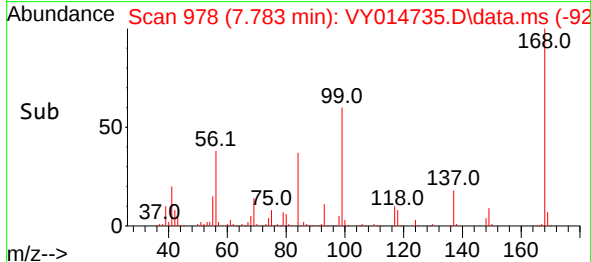
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



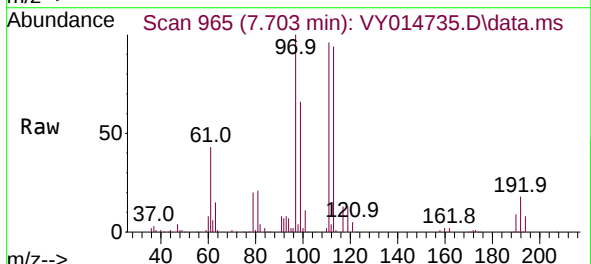
Tgt Ion: 56 Resp: 89774
Ion Ratio Lower Upper
56 100
69 38.2 27.8 41.6
84 97.6 66.4 99.6

Manual Integrations
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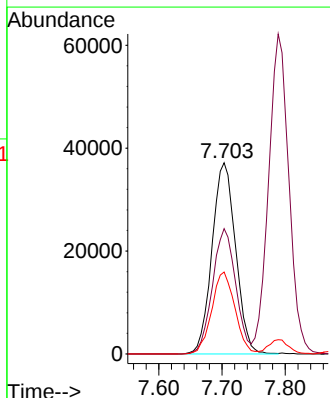
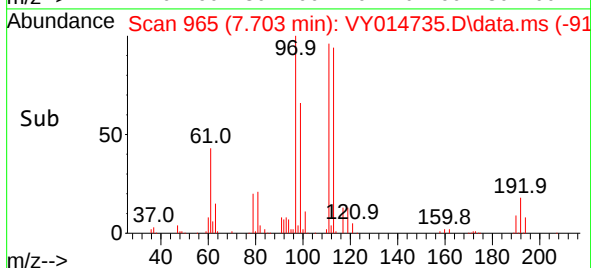
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

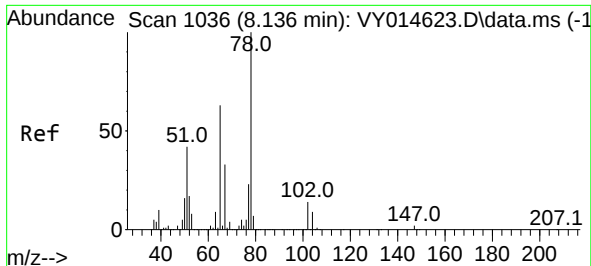


#32
1,1,1-Trichloroethane
Concen: 20.629 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36



Tgt Ion: 97 Resp: 96313
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 42.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.645 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tgt Ion: 65 Resp: 145554

Ion Ratio Lower Upper

65 100

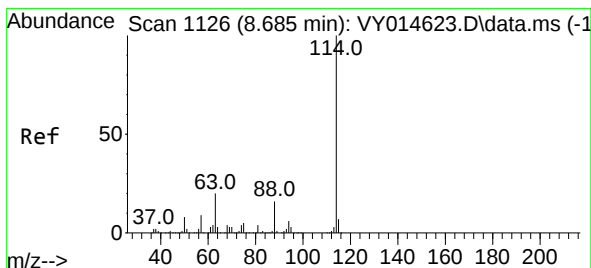
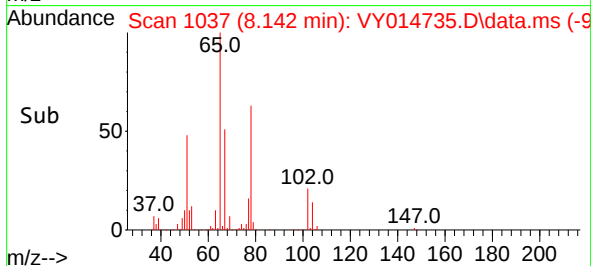
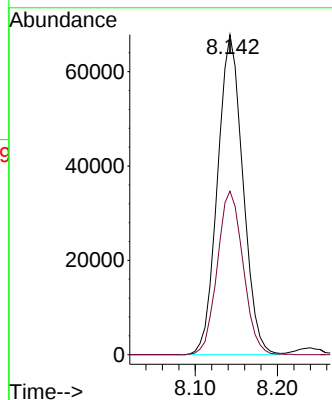
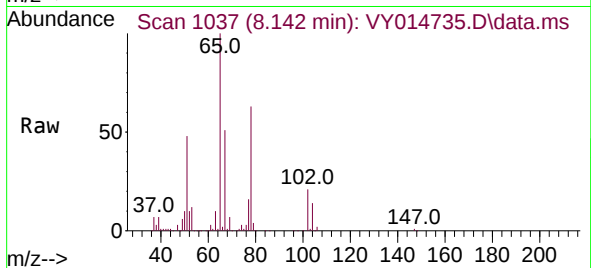
67 51.9 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

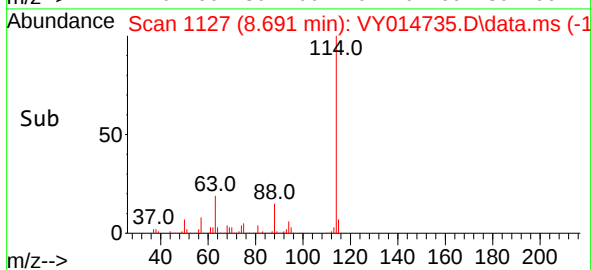
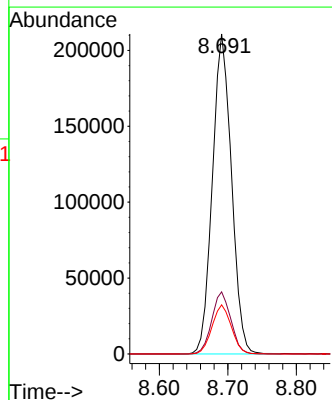
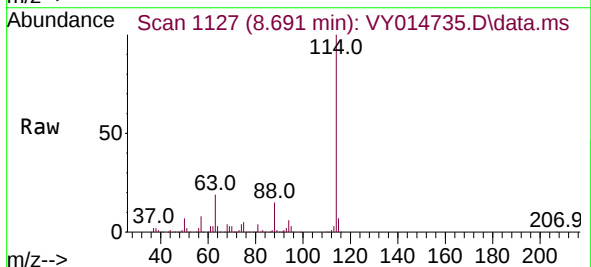
Tgt Ion:114 Resp: 406685

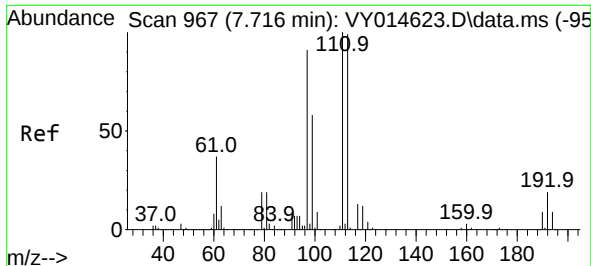
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

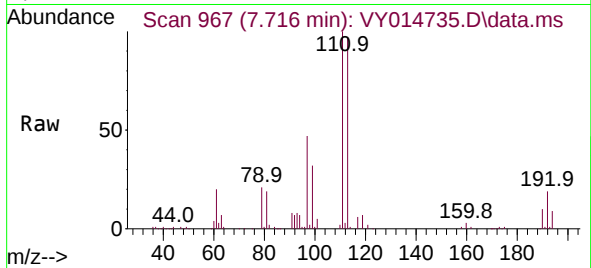
88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.800 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

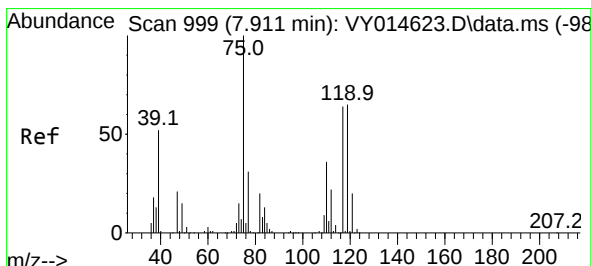
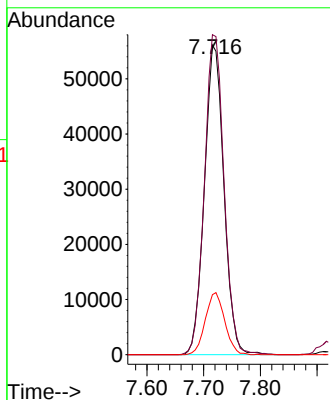
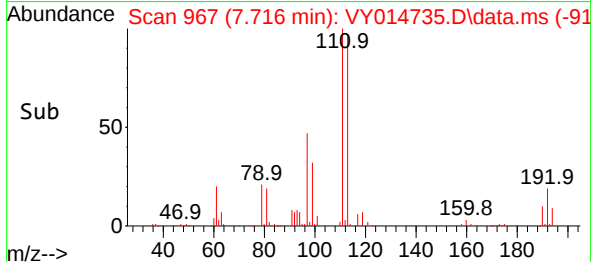
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



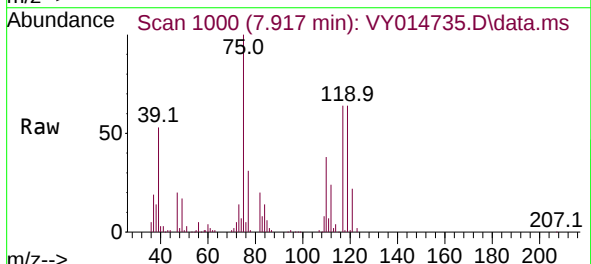
Tgt Ion:113 Resp: 13410
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 19.9 16.9 25.3

Manual Integrations
APPROVED

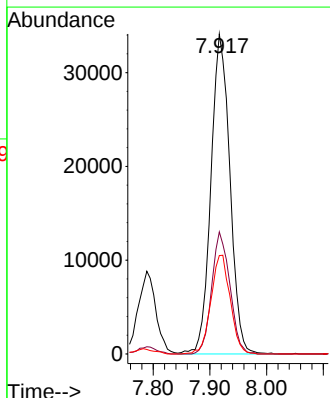
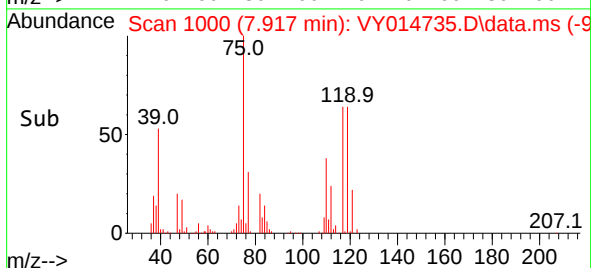
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

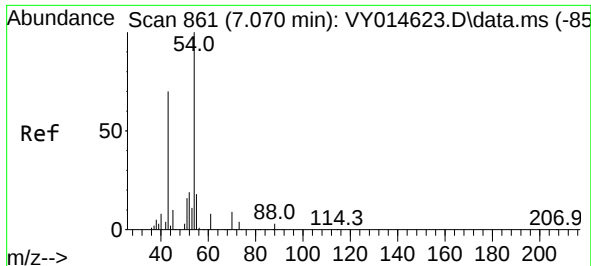


#36
1,1-Dichloropropene
Concen: 20.498 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36



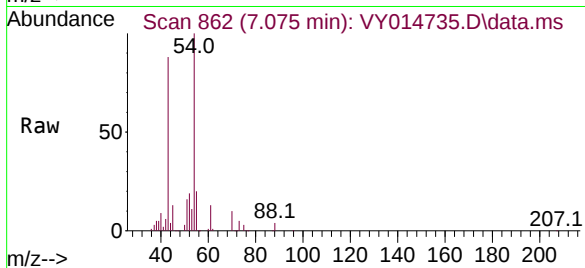
Tgt Ion: 75 Resp: 79359
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 31.3 24.4 36.6





#37
Ethyl Acetate
Concen: 21.390 ug/l
RT: 7.075 min Scan# 861
Delta R.T. 0.005 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

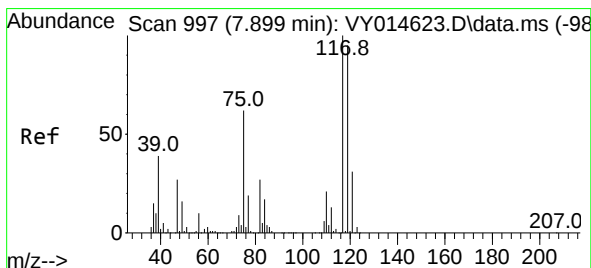
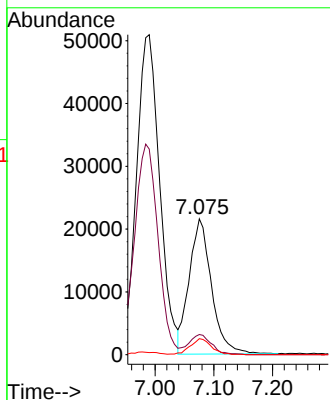
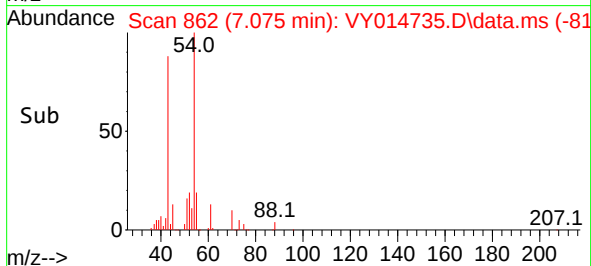
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



Tgt Ion: 43 Resp: 5701
Ion Ratio Lower Upper
43 100
61 14.7 10.1 15.1
70 11.2 7.1 10.7

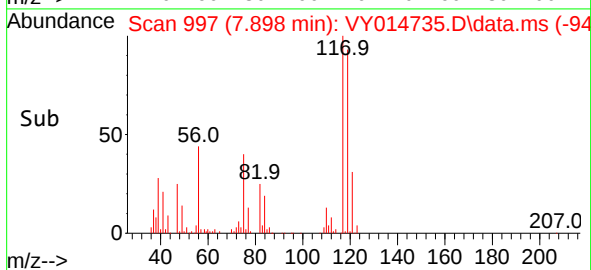
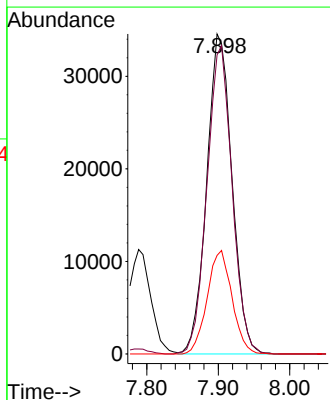
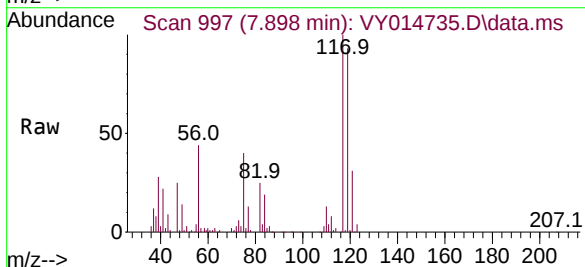
Manual Integrations
APPROVED

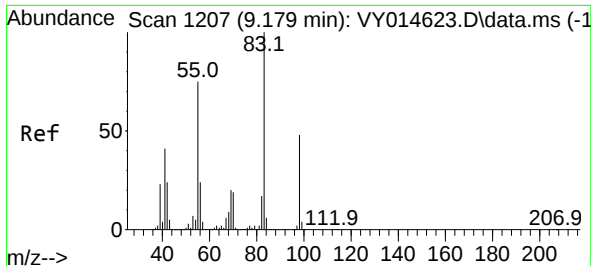
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#38
Carbon Tetrachloride
Concen: 20.767 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.001 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Tgt Ion:117 Resp: 84990
Ion Ratio Lower Upper
117 100
119 93.5 76.4 114.6
121 30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 20.088 ug/l

RT: 9.185 min Scan# 10132

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

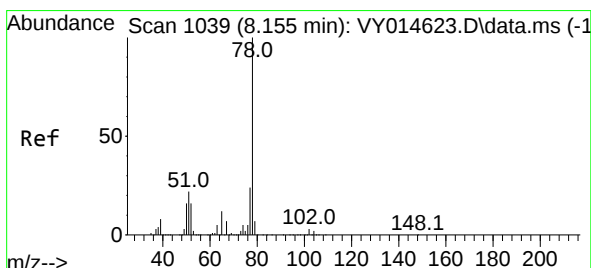
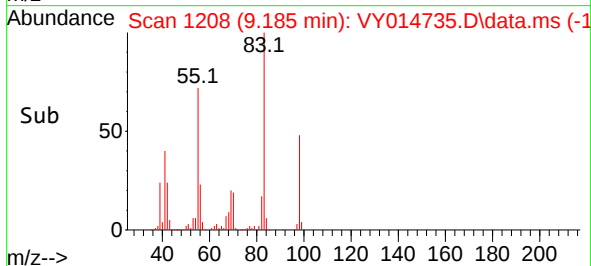
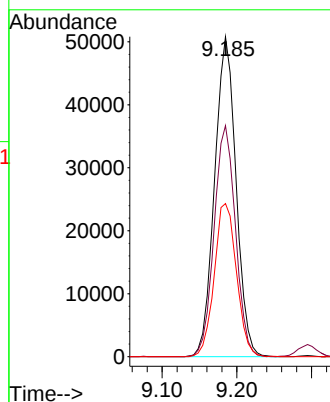
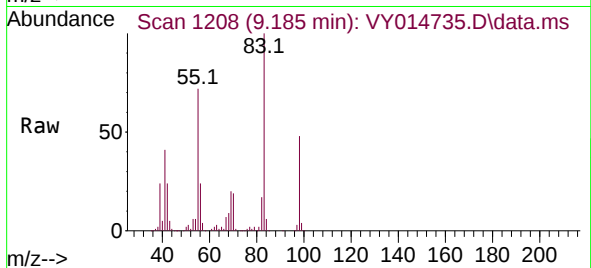
Tgt Ion:	83	Resp:	10132
Ion Ratio	Lower	Upper	
83	100		
55	72.2	63.0	94.4
98	47.9	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#40

Benzene

Concen: 20.651 ug/l

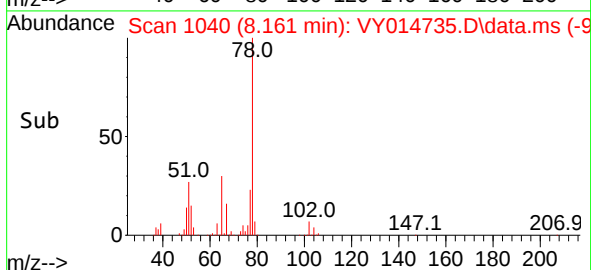
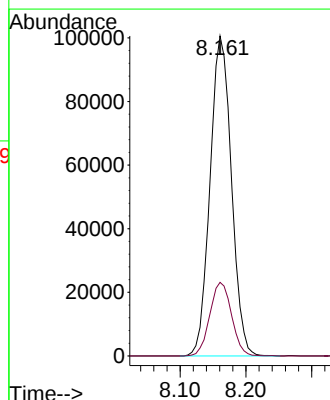
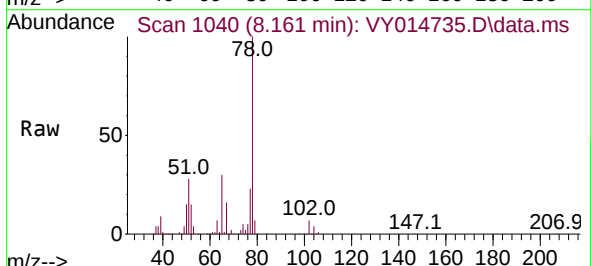
RT: 8.161 min Scan# 1040

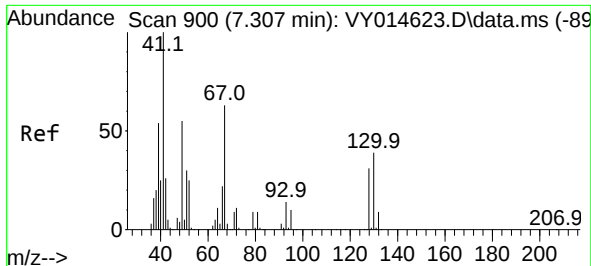
Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

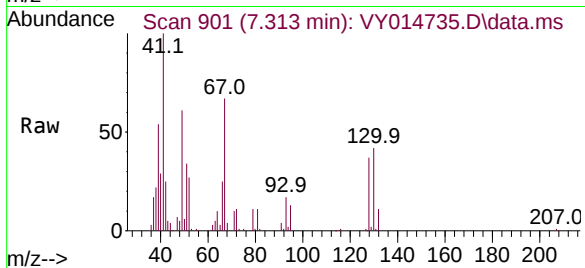
Tgt Ion:	78	Resp:	227389
Ion Ratio	Lower	Upper	
78	100		
77	23.0	19.0	28.6





#41
Methacrylonitrile
Concen: 19.329 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

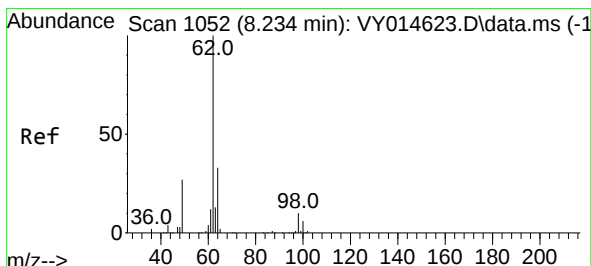
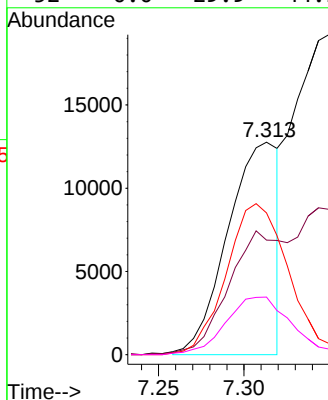
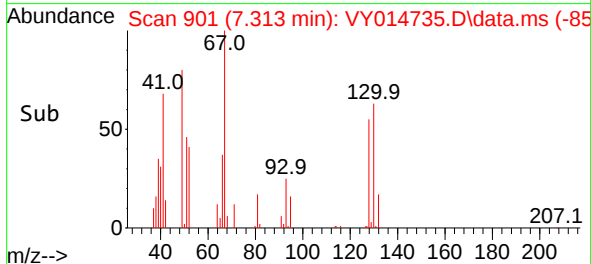
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



Tgt Ion: 41 Resp: 2650
Ion Ratio Lower Upper
41 100
39 74.5 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9#

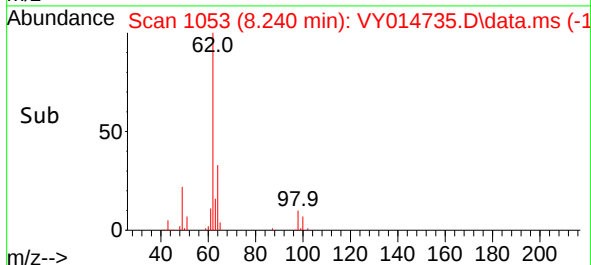
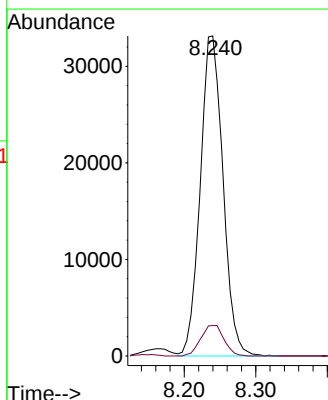
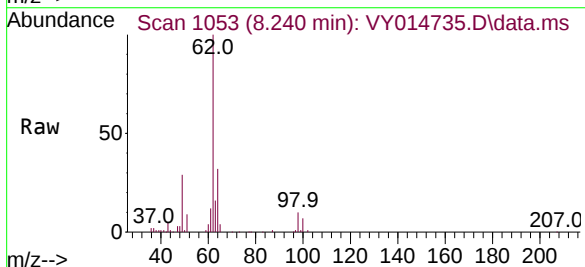
Manual Integrations
APPROVED

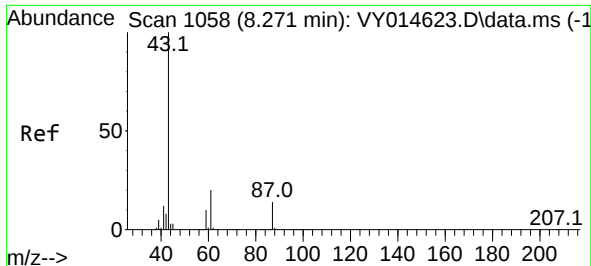
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#42
1,2-Dichloroethane
Concen: 20.999 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

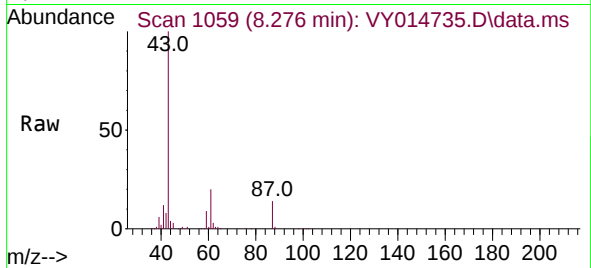
Tgt Ion: 62 Resp: 73221
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.658 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.005 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

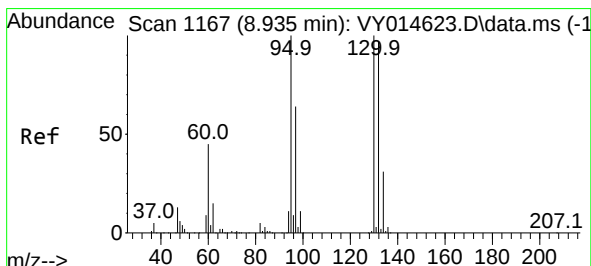
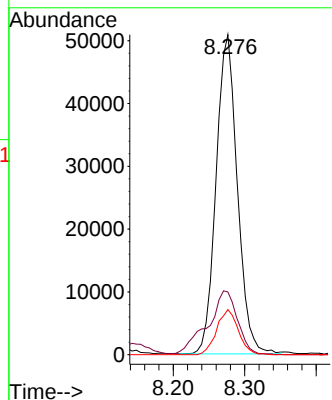
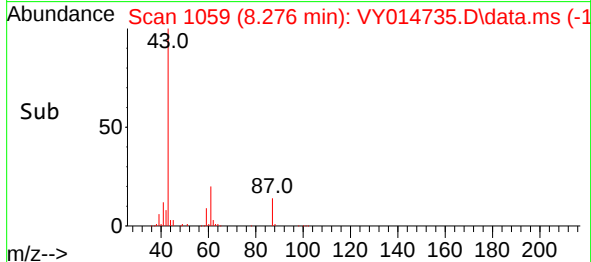
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



Tgt Ion: 43 Resp: 104894
Ion Ratio Lower Upper
43 100
61 28.4 21.1 31.7
87 14.4 9.8 14.8

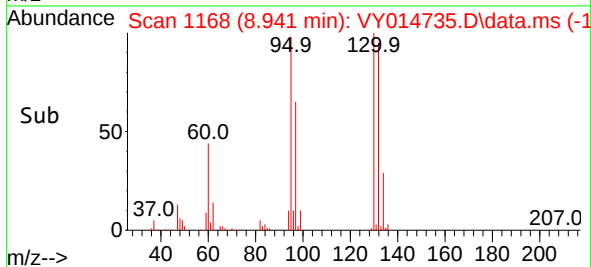
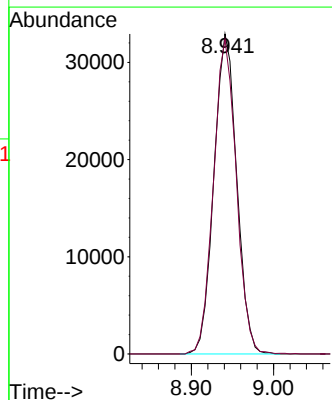
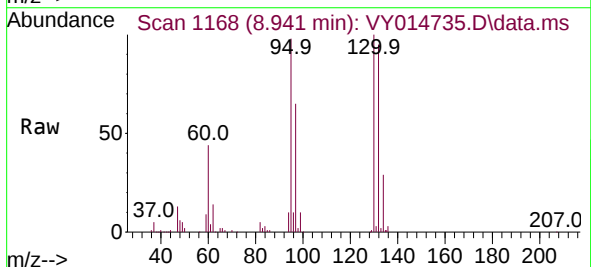
Manual Integrations
APPROVED

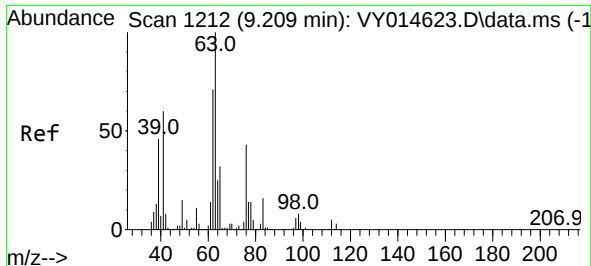
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#44
Trichloroethene
Concen: 20.615 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Tgt Ion:130 Resp: 63510
Ion Ratio Lower Upper
130 100
95 98.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.041 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.012 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tgt Ion: 63 Resp: 5762

Ion Ratio Lower Upper

63 100

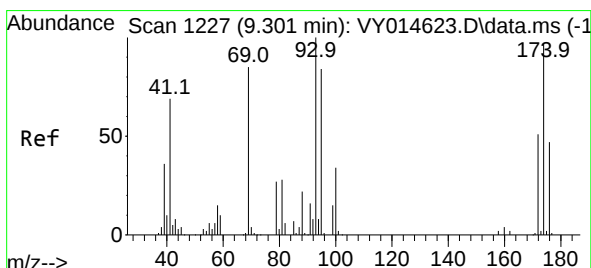
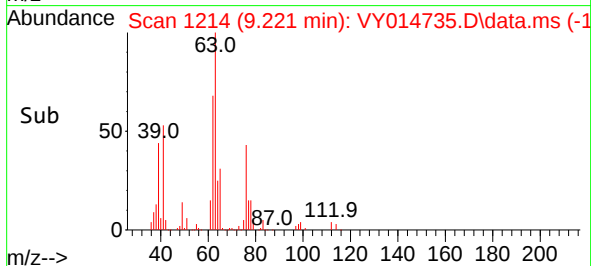
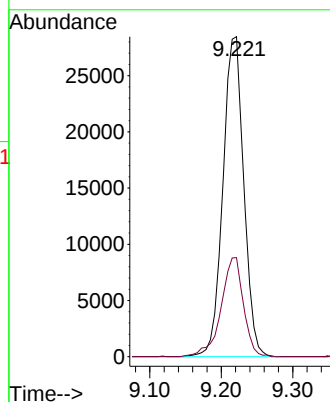
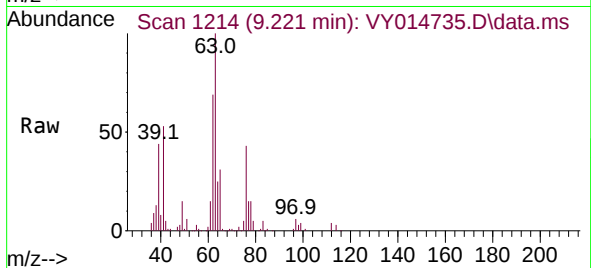
65 30.9 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#46

Dibromomethane

Concen: 21.319 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

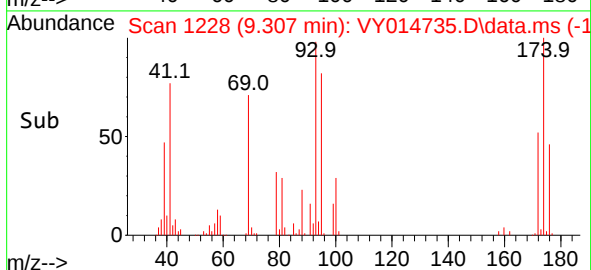
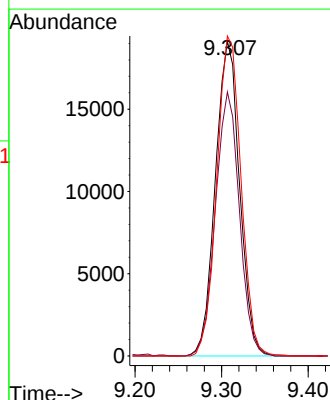
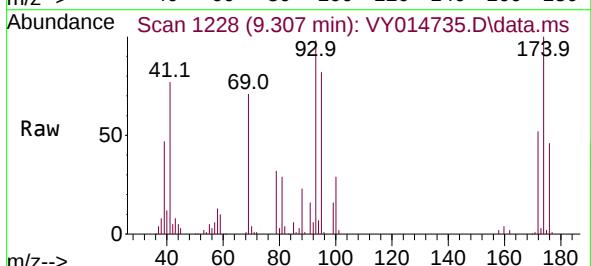
Tgt Ion: 93 Resp: 37185

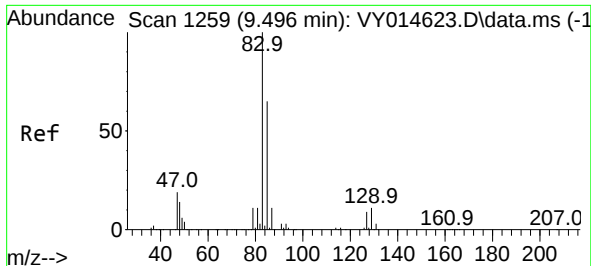
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

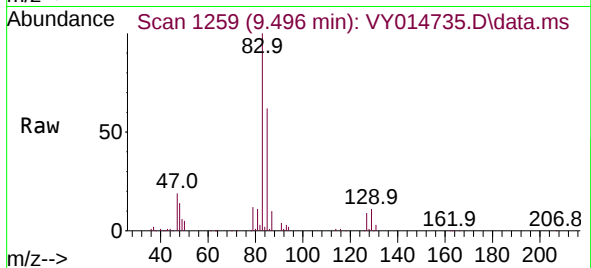
174 101.8 84.8 127.2





#47
Bromodichloromethane
Concen: 20.531 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

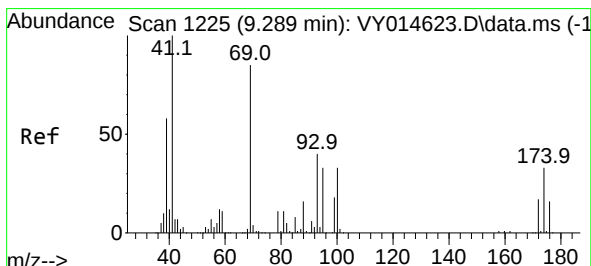
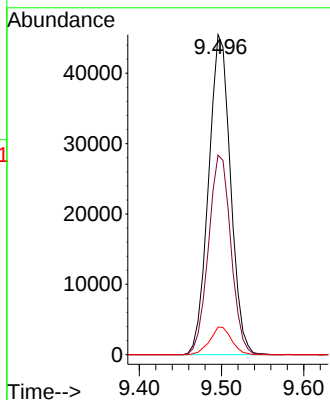
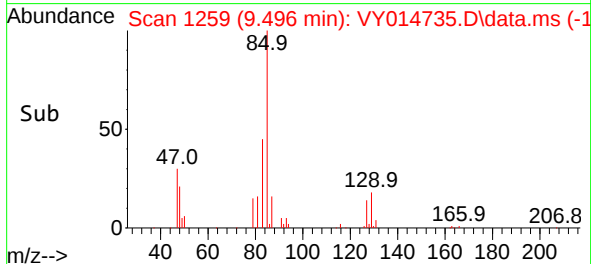
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



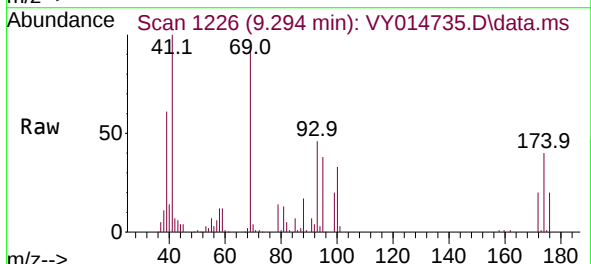
Tgt Ion: 83 Resp: 8440
Ion Ratio Lower Upper
83 100
85 62.3 50.1 75.1
127 8.6 7.1 10.7

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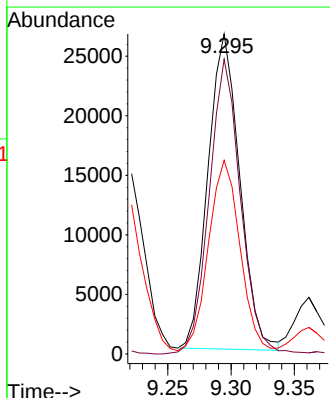
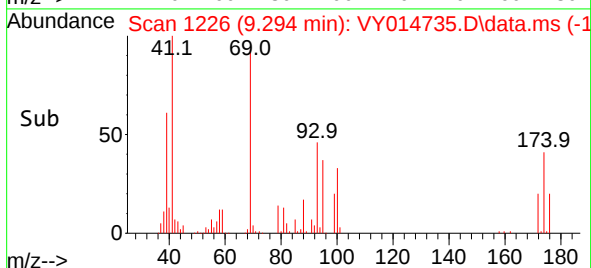
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

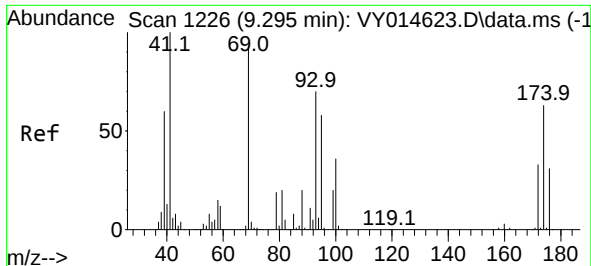


#48
Methyl methacrylate
Concen: 20.172 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.005 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36



Tgt Ion: 41 Resp: 46090
Ion Ratio Lower Upper
41 100
69 92.7 64.5 96.7
39 59.8 50.8 76.2





#49

1,4-Dioxane

Concen: 453.178 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tgt Ion: 88 Resp: 12889

Ion Ratio Lower Upper

88 100

43 31.6 0.0 0.0

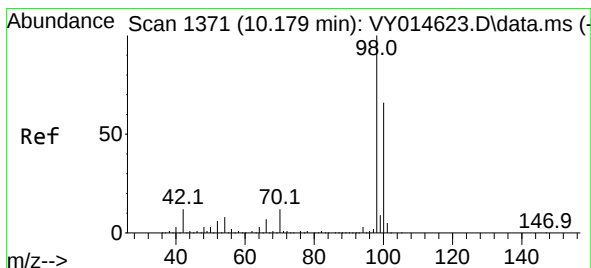
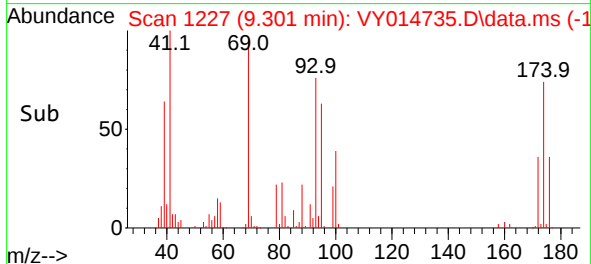
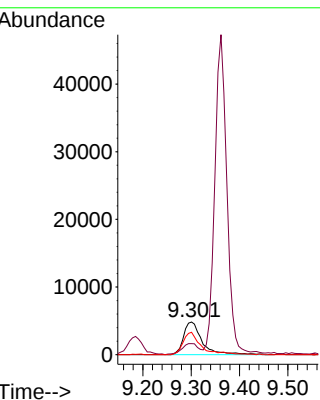
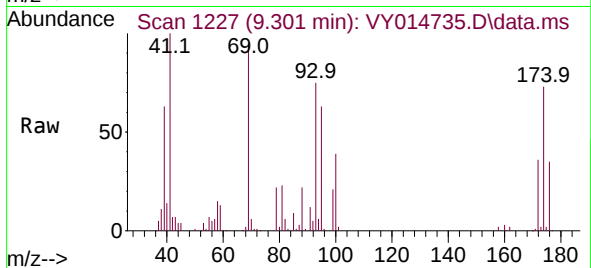
58 66.6 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#50

Toluene-d8

Concen: 50.385 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY014735.D

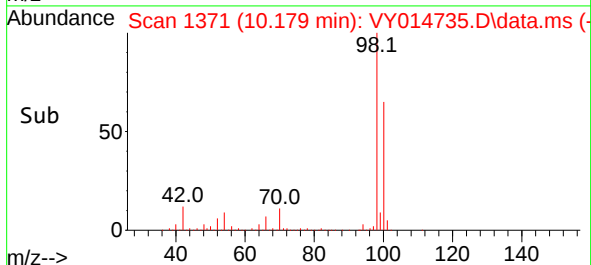
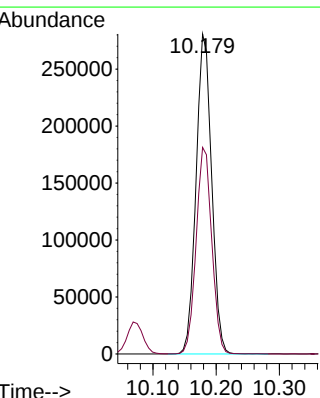
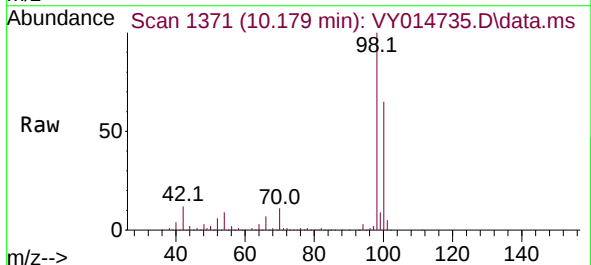
Acq: 21 Jul 2023 10:36

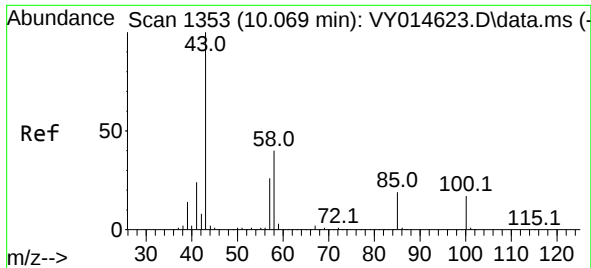
Tgt Ion: 98 Resp: 480902

Ion Ratio Lower Upper

98 100

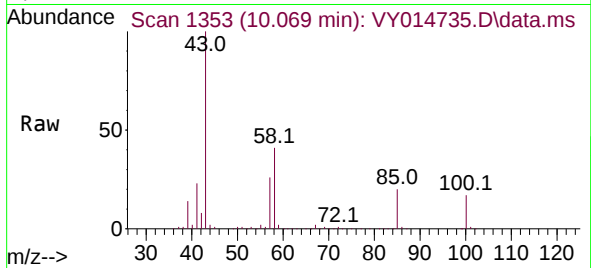
100 64.8 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 106.458 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

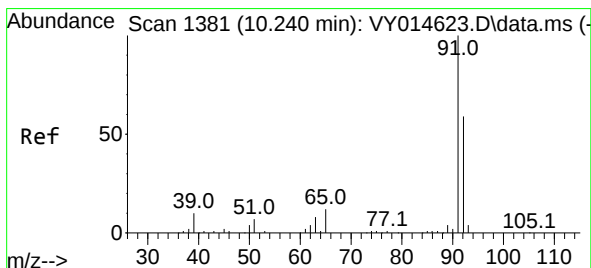
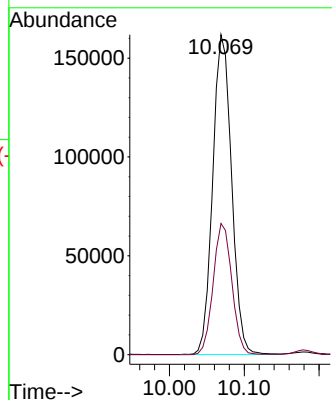
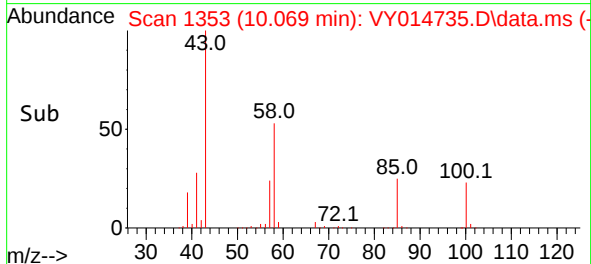
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



Tgt Ion: 43 Resp: 283810
Ion Ratio Lower Upper
43 100
58 40.6 29.0 43.6

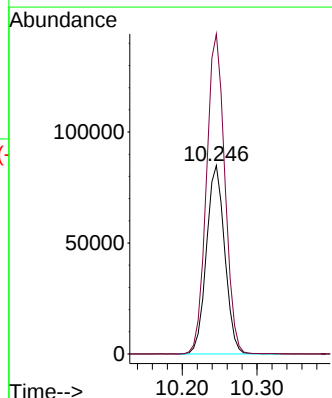
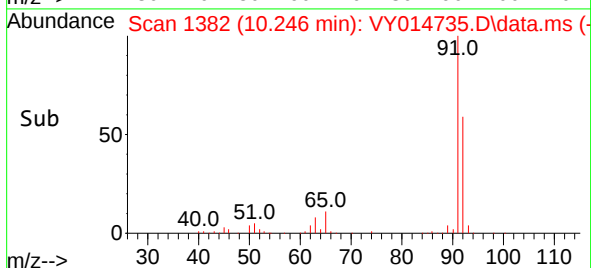
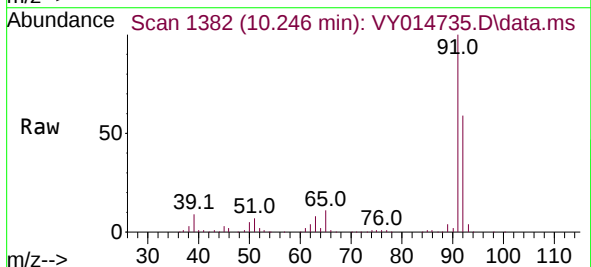
Manual Integrations
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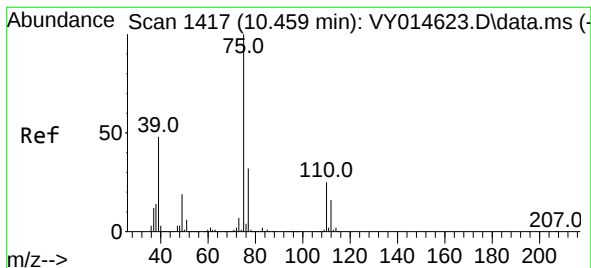
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#52
Toluene
Concen: 20.418 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

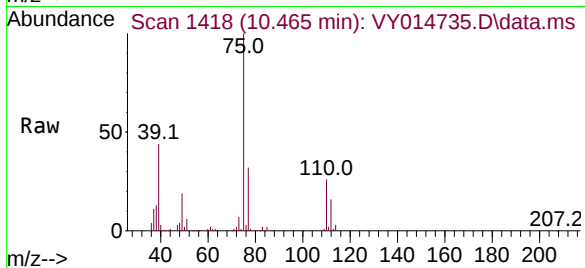
Tgt Ion: 92 Resp: 143865
Ion Ratio Lower Upper
92 100
91 170.9 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 20.199 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

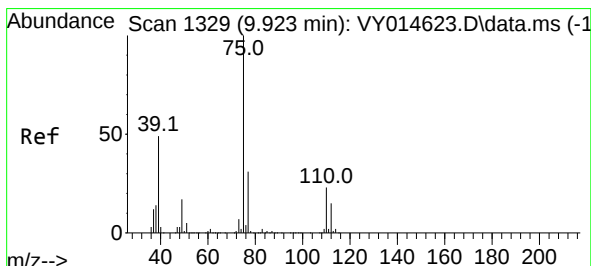
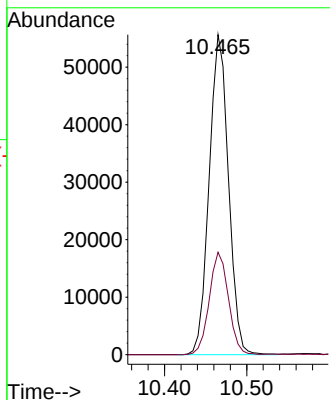
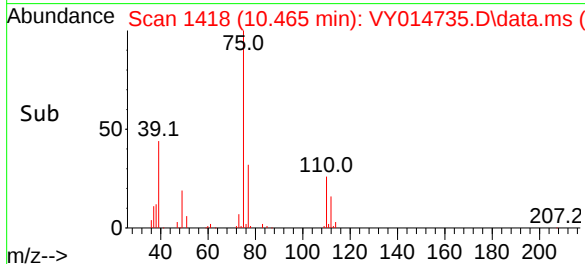
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



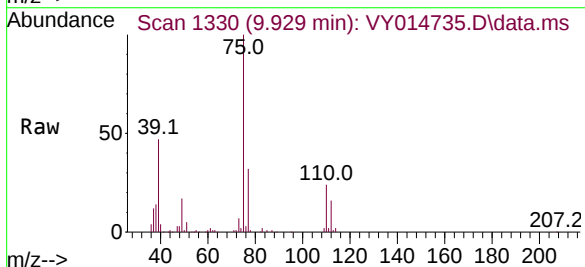
Tgt Ion: 75 Resp: 90832
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4

Manual Integrations
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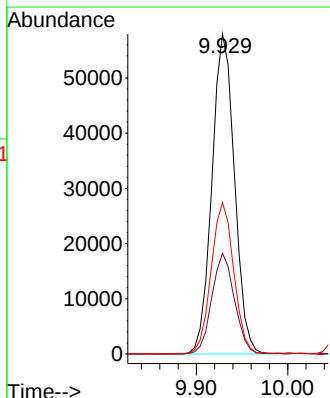
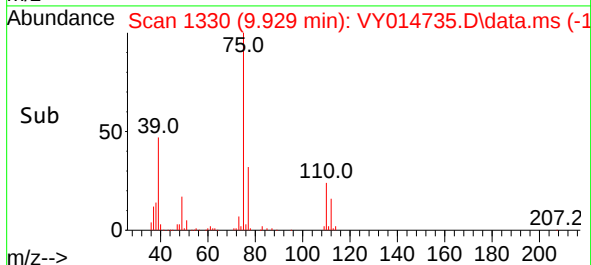
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

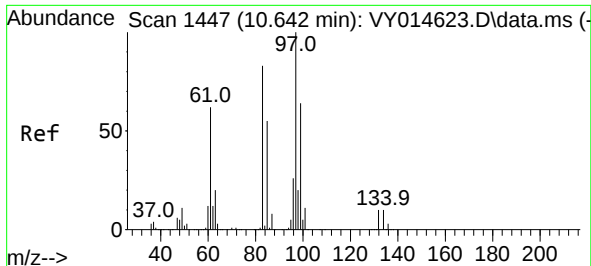


#54
cis-1,3-Dichloropropene
Concen: 20.310 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36



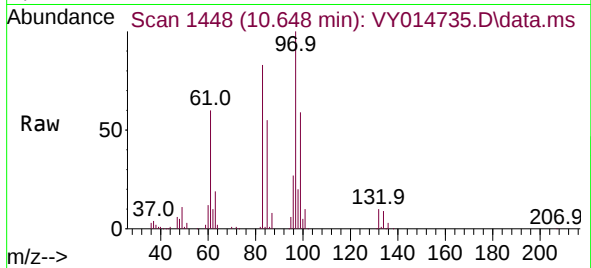
Tgt Ion: 75 Resp: 99316
Ion Ratio Lower Upper
75 100
77 31.5 24.2 36.4
39 47.2 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 21.561 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

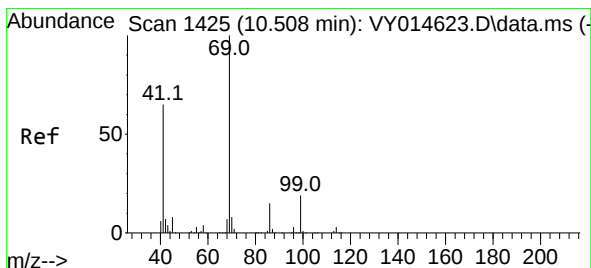
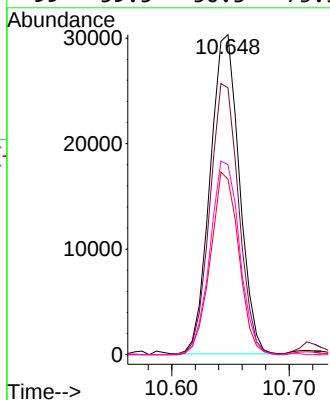
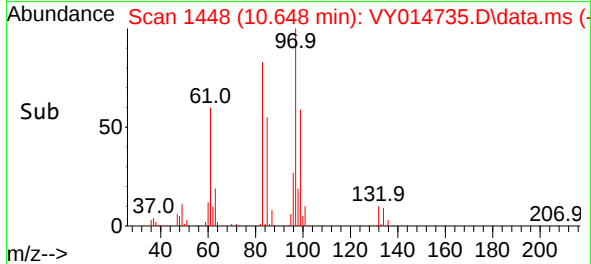
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



Tgt Ion:	97	Resp:	5238
Ion Ratio	100	Lower	Upper
83	83.6	72.0	108.0
85	55.0	45.4	68.0
99	59.5	50.3	75.5

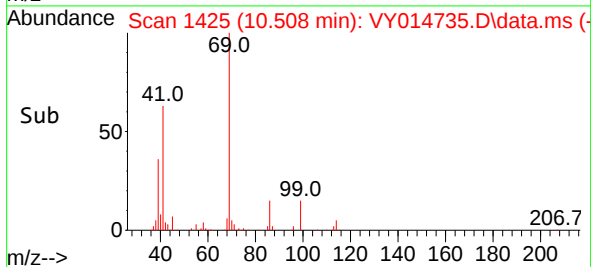
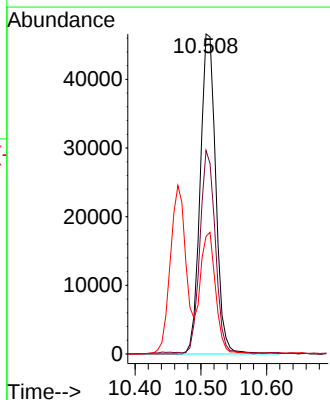
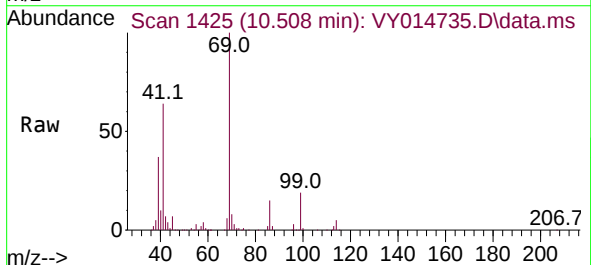
Manual Integrations
APPROVED

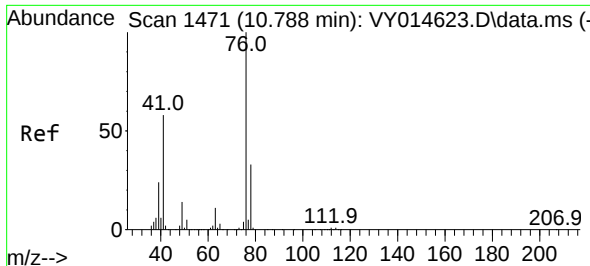
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#56
Ethyl methacrylate
Concen: 20.664 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Tgt Ion:	69	Resp:	76657
Ion Ratio	100	Lower	Upper
41	61.9	57.6	86.4
39	37.3	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.762 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tgt Ion: 76 Resp: 8700

Ion Ratio Lower Upper

76 100

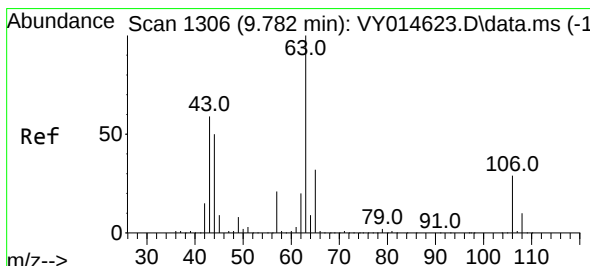
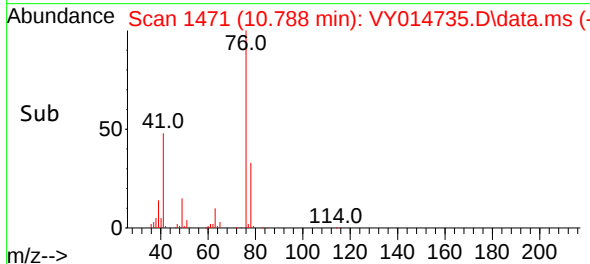
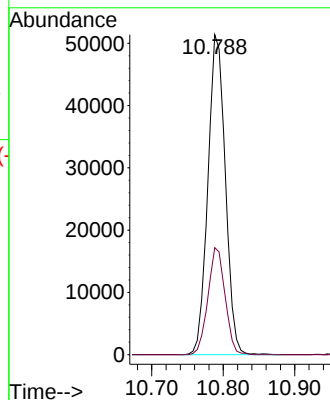
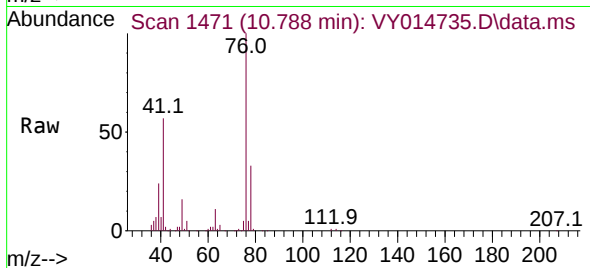
78 32.8 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 113.470 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014735.D

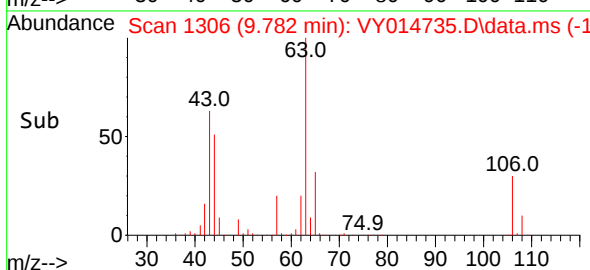
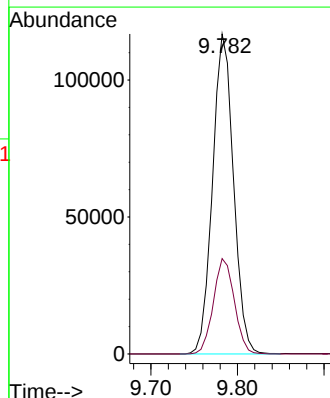
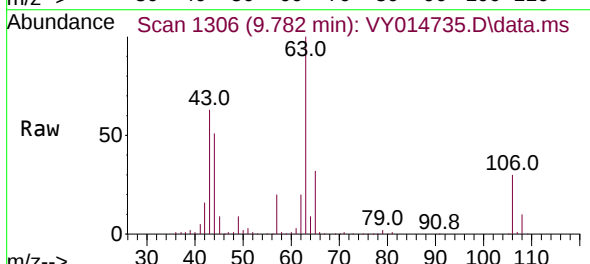
Acq: 21 Jul 2023 10:36

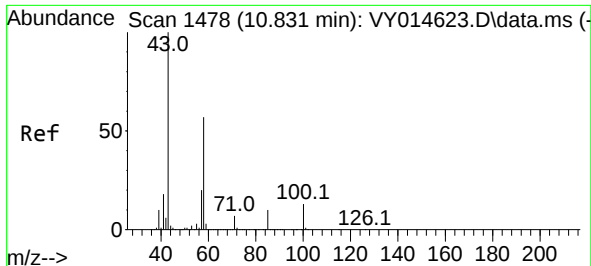
Tgt Ion: 63 Resp: 196134

Ion Ratio Lower Upper

63 100

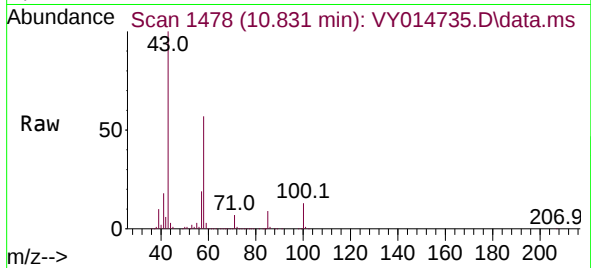
106 29.8 21.2 31.8





#59
2-Hexanone
Concen: 107.741 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

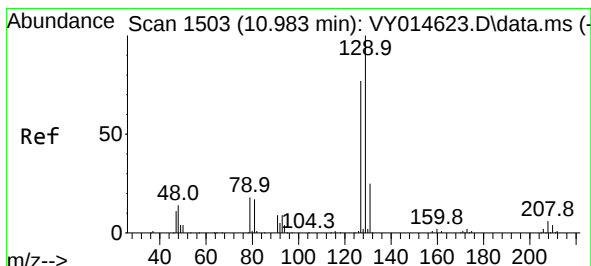
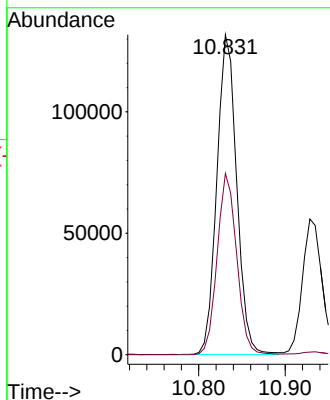
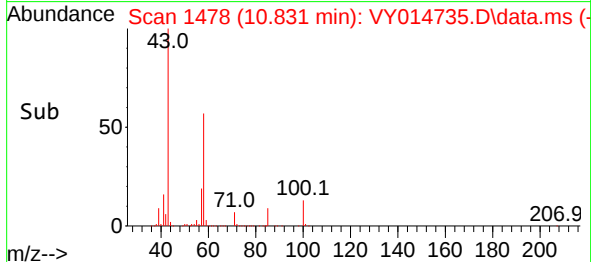
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



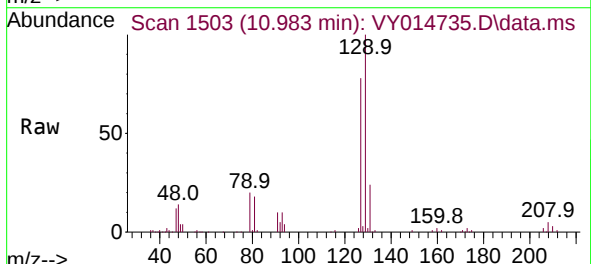
Tgt Ion: 43 Resp: 209468
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3

Manual Integrations
APPROVED

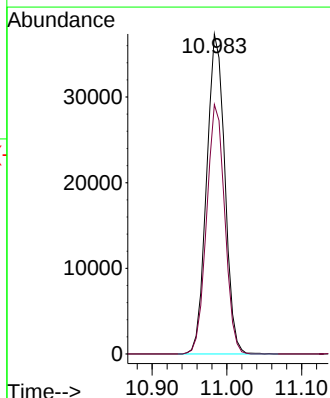
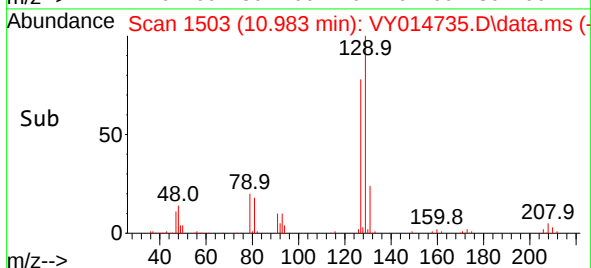
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

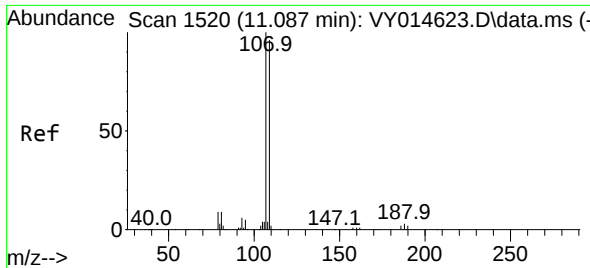


#60
Dibromochloromethane
Concen: 21.163 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36



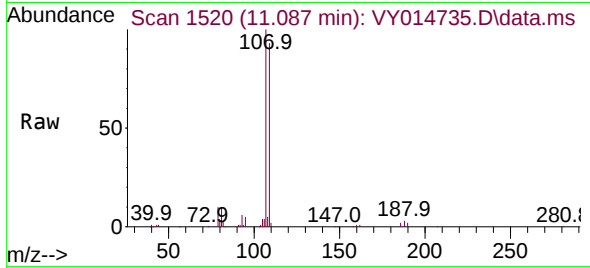
Tgt Ion:129 Resp: 63044
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 21.165 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

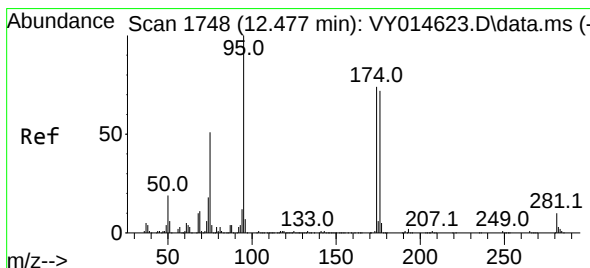
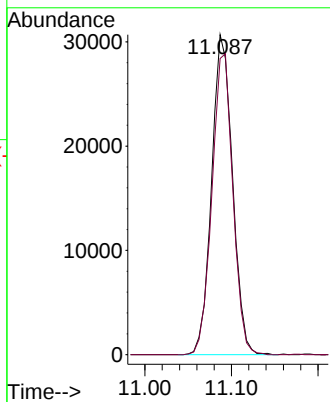
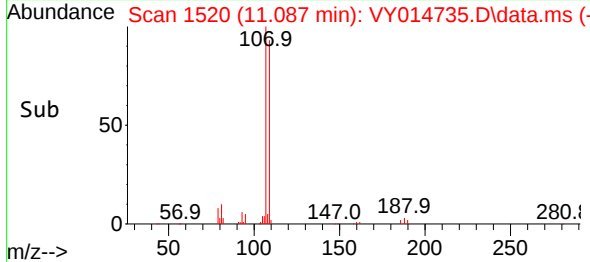
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



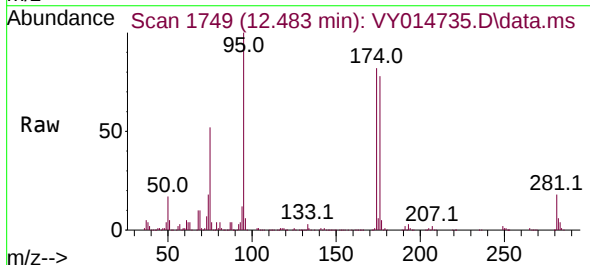
Tgt Ion:107 Resp: 51300
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4

Manual Integrations
APPROVED

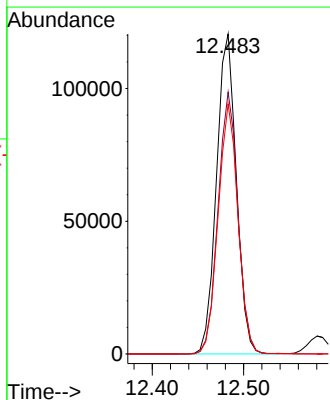
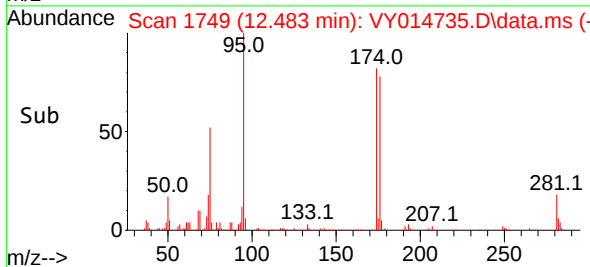
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

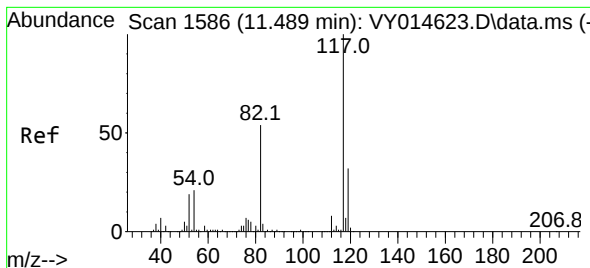


#62
4-Bromofluorobenzene
Concen: 49.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36



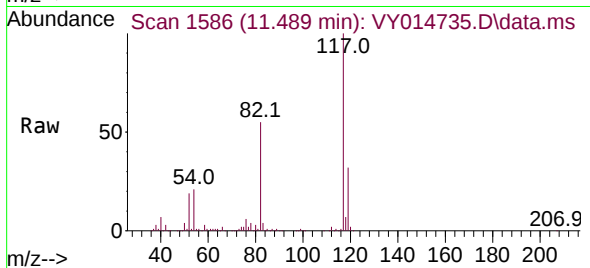
Tgt Ion: 95 Resp: 182179
Ion Ratio Lower Upper
95 100
174 81.8 0.0 178.2
176 78.1 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

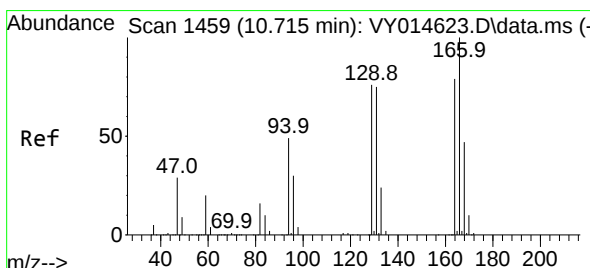
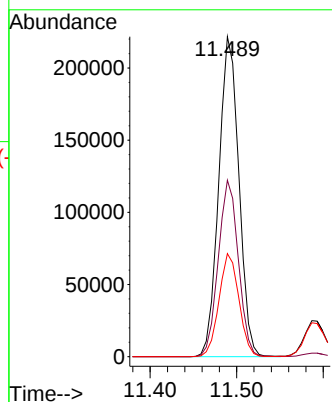
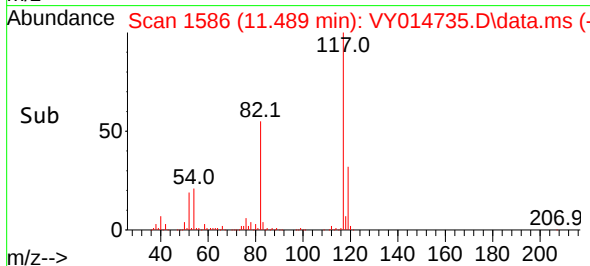
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



Tgt Ion:117 Resp: 357774
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 32.2 26.3 39.5

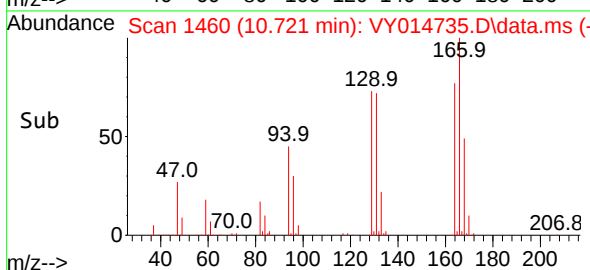
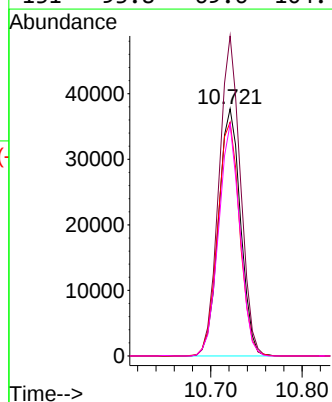
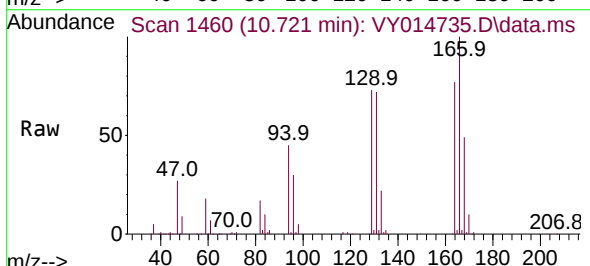
Manual Integrations
APPROVED

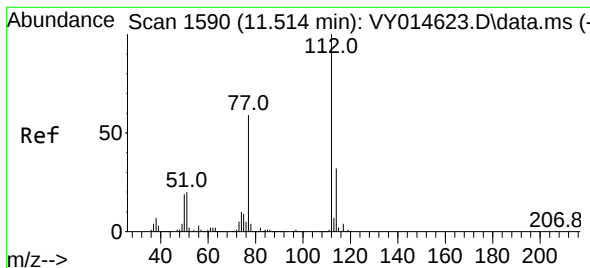
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#64
Tetrachloroethene
Concen: 21.928 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

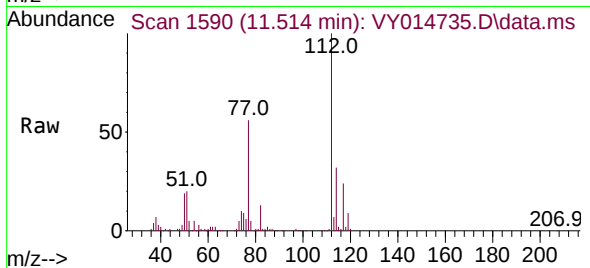
Tgt Ion:164 Resp: 63098
Ion Ratio Lower Upper
164 100
166 129.5 103.0 154.6
129 94.6 77.2 115.8
131 93.8 69.6 104.4





#65
Chlorobenzene
Concen: 20.814 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

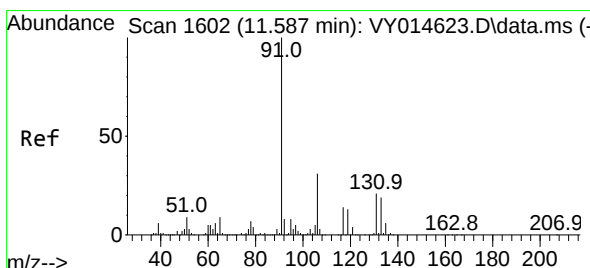
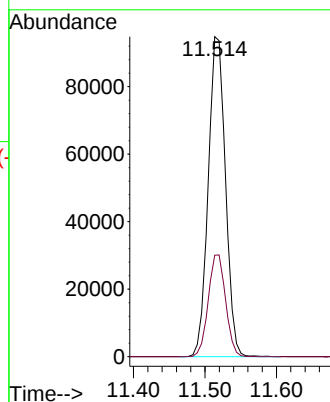
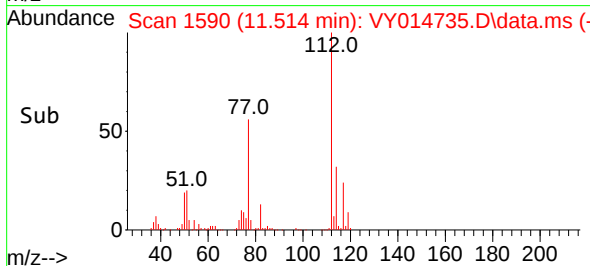
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



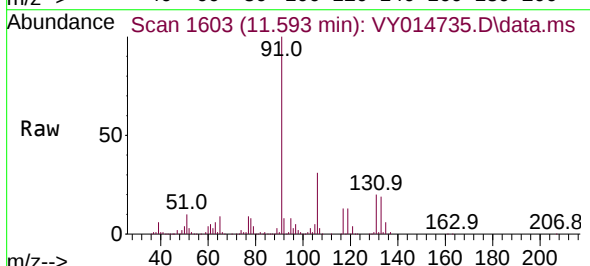
Tgt Ion:112 Resp: 158680
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3

Manual Integrations
APPROVED

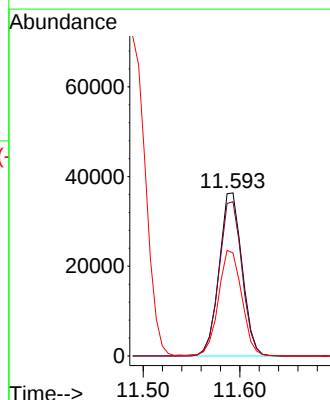
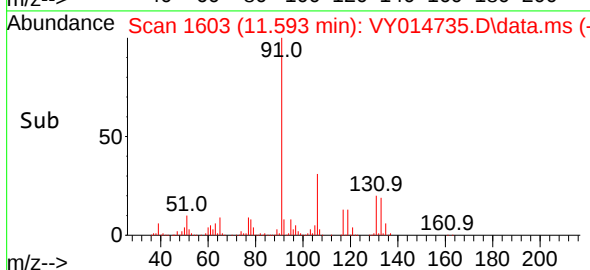
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

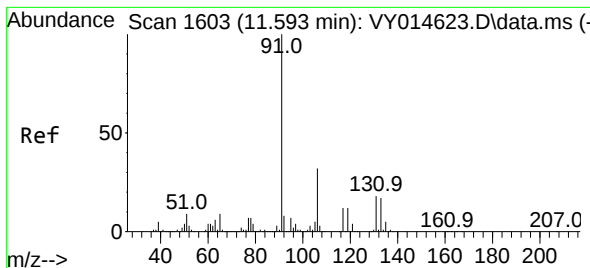


#66
1,1,1,2-Tetrachloroethane
Concen: 20.790 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36



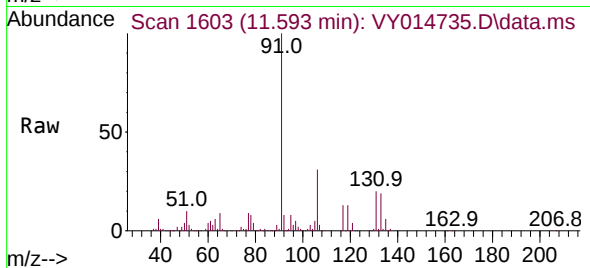
Tgt Ion:131 Resp: 59763
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 66.0 31.6 94.7





#67
Ethyl Benzene
Concen: 20.254 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

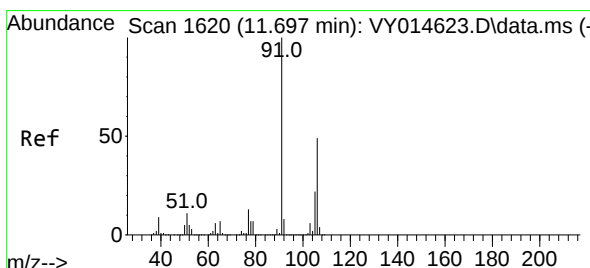
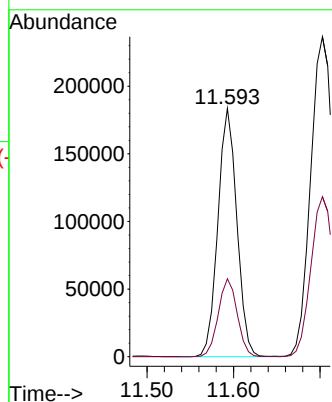
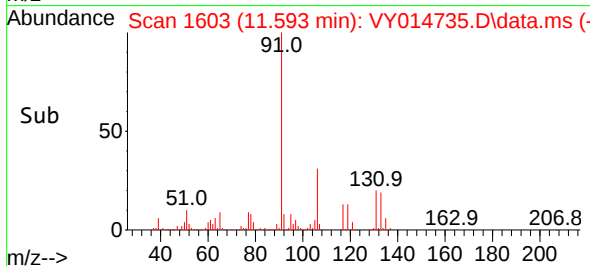
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



Tgt Ion: 91 Resp: 278800
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

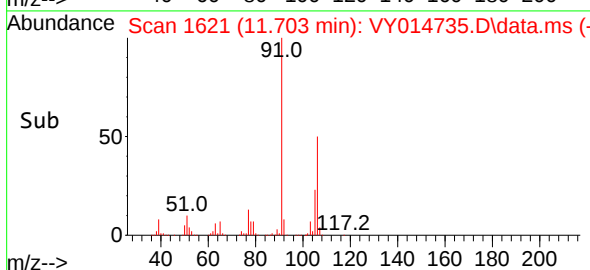
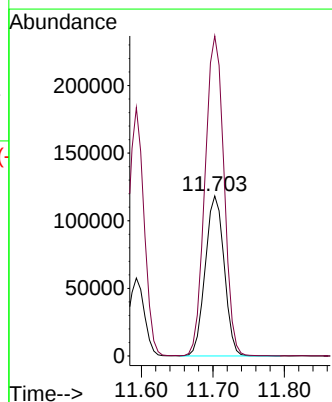
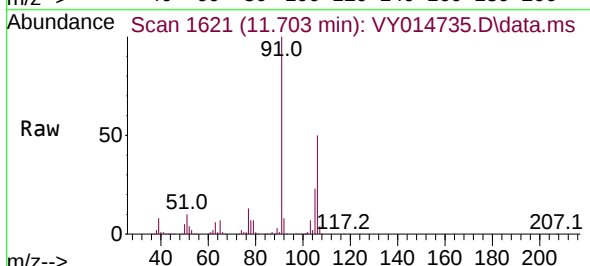
Manual Integrations
APPROVED

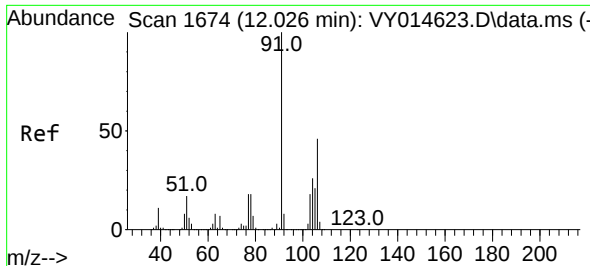
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#68
m/p-Xylenes
Concen: 41.391 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Tgt Ion:106 Resp: 217490
Ion Ratio Lower Upper
106 100
91 200.2 166.1 249.1





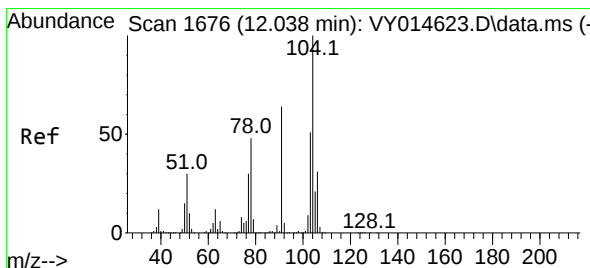
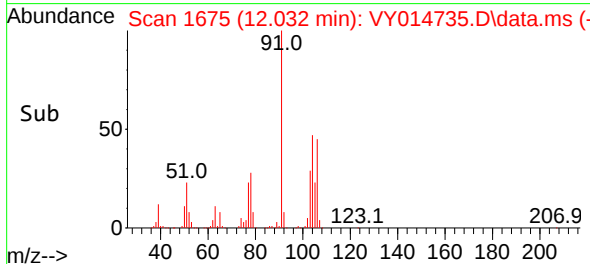
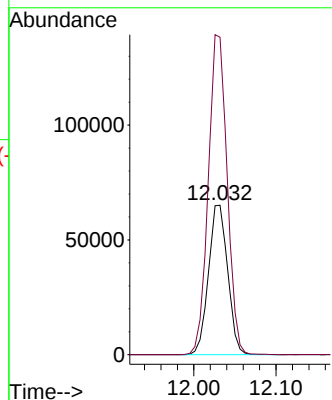
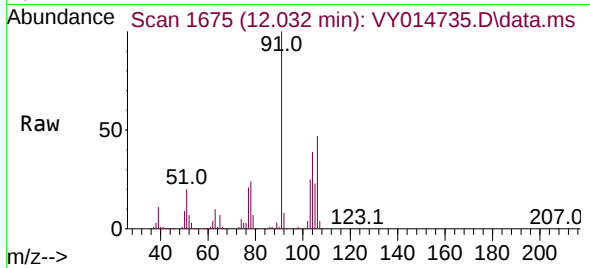
#69
o-Xylene
Concen: 20.637 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tgt Ion:106 Resp: 105620
Ion Ratio Lower Upper
106 100
91 210.6 108.1 324.3

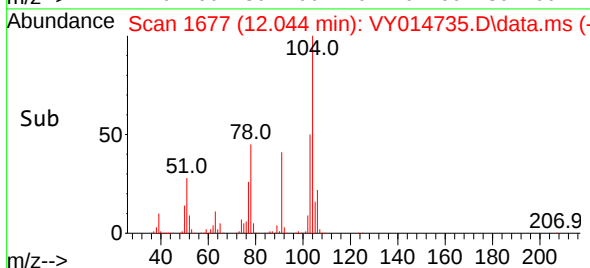
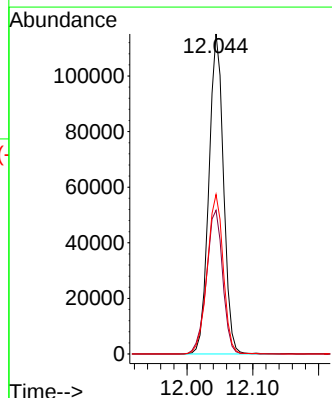
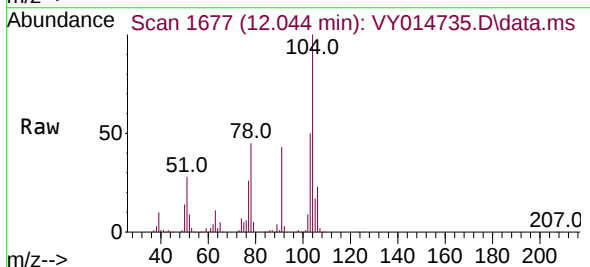
Manual Integrations
APPROVED

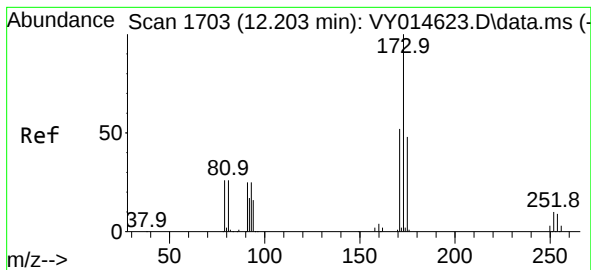
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#70
Styrene
Concen: 20.689 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Tgt Ion:104 Resp: 178465
Ion Ratio Lower Upper
104 100
78 49.8 41.5 62.3
103 54.3 44.6 67.0





#71

Bromoform

Concen: 21.263 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

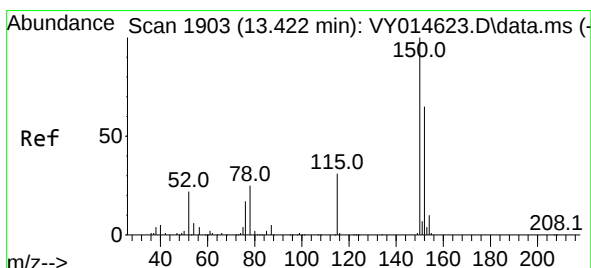
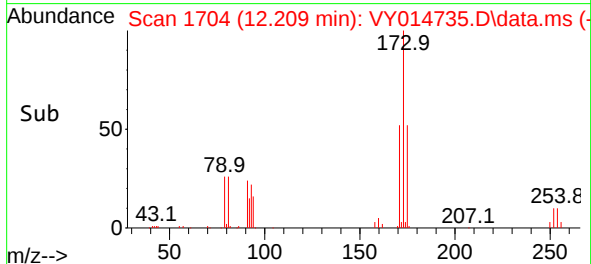
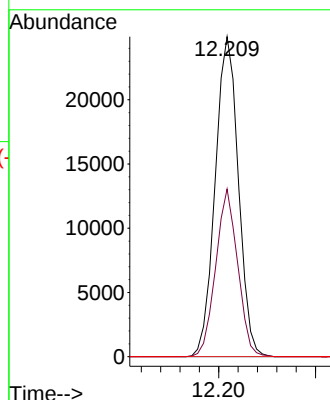
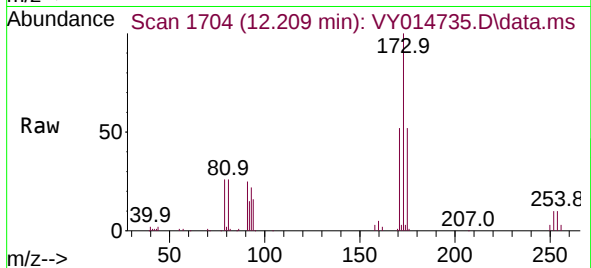
Tgt Ion:173	Resp:	4143
Ion Ratio	Lower	Upper
173	100	
175	49.6	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

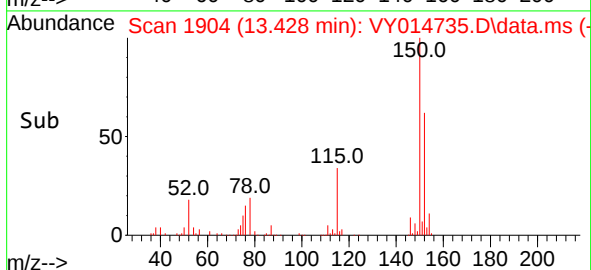
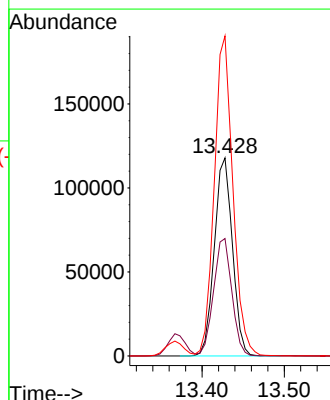
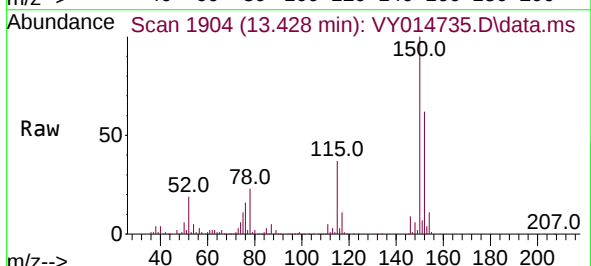
RT: 13.428 min Scan# 1904

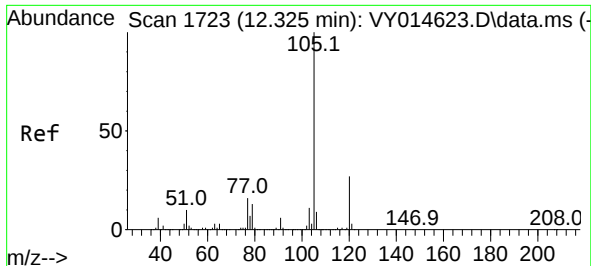
Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Tgt Ion:152	Resp:	180353
Ion Ratio	Lower	Upper
152	100	
115	59.9	28.8 86.5
150	166.0	0.0 348.8





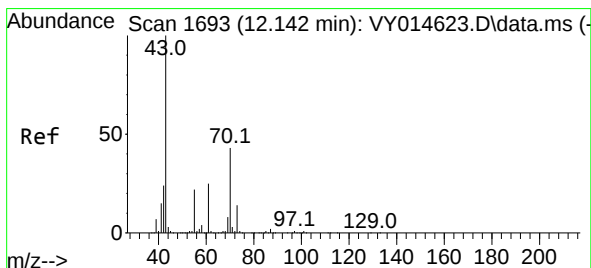
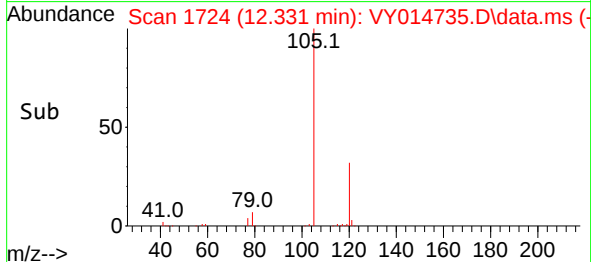
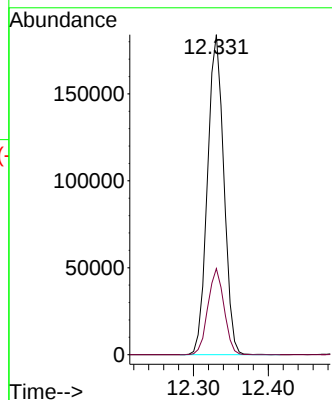
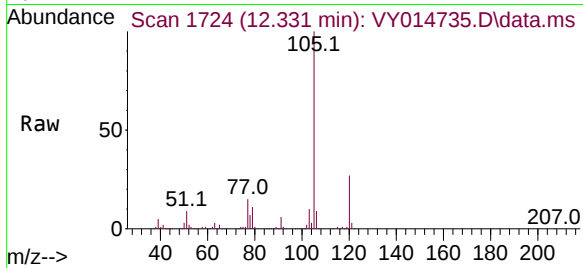
#73
Isopropylbenzene
Concen: 19.742 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tgt Ion:105 Resp: 278795
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9

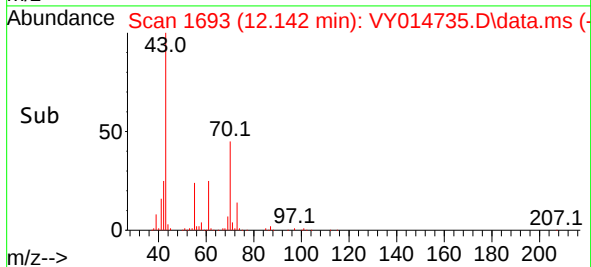
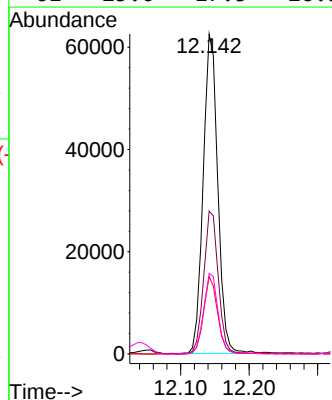
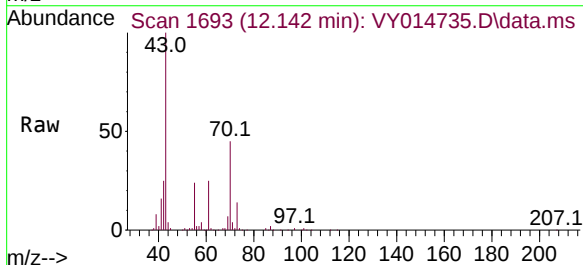
Manual Integrations
APPROVED

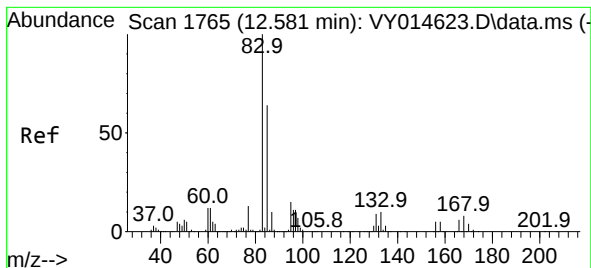
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#74
N-ethyl acetate
Concen: 19.686 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

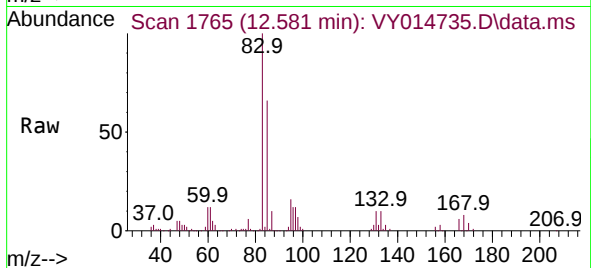
Tgt Ion: 43 Resp: 93107
Ion Ratio Lower Upper
43 100
70 44.5 29.7 44.5#
55 23.3 18.3 27.5
61 25.0 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 20.359 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

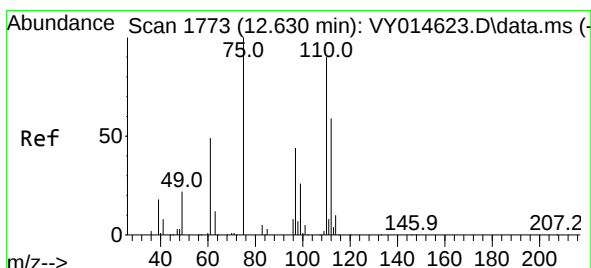
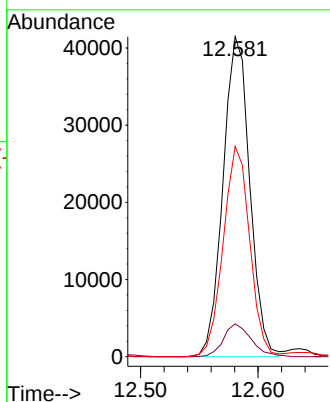
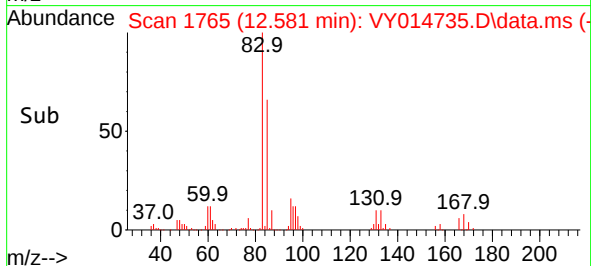
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



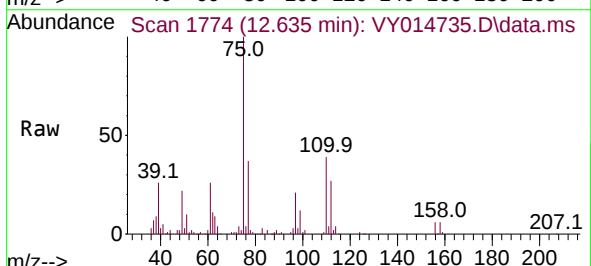
Tgt Ion: 83 Resp: 6556
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 65.1 31.8 95.4

Manual Integrations
APPROVED

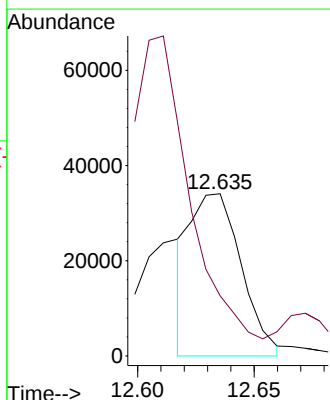
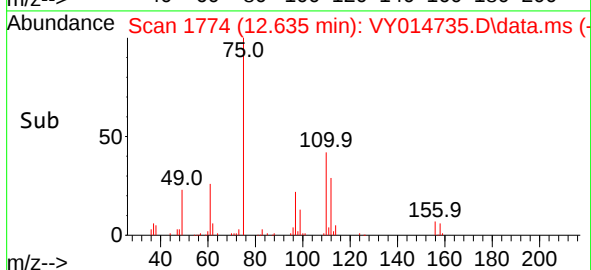
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

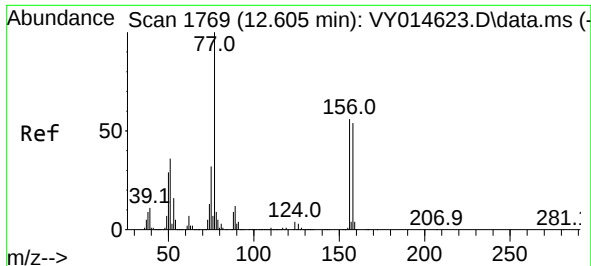


#76
1,2,3-Trichloropropane
Concen: 22.785 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. 0.005 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36



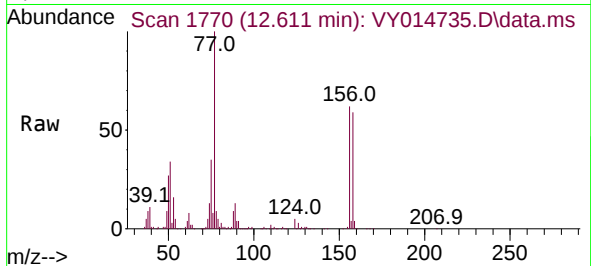
Tgt Ion: 75 Resp: 51900
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.619 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

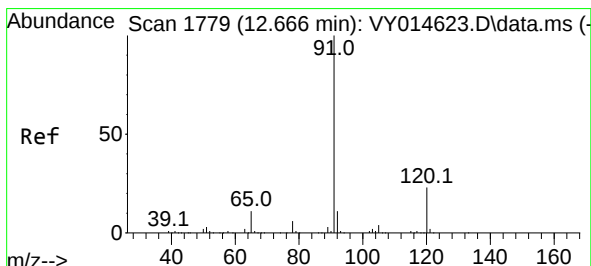
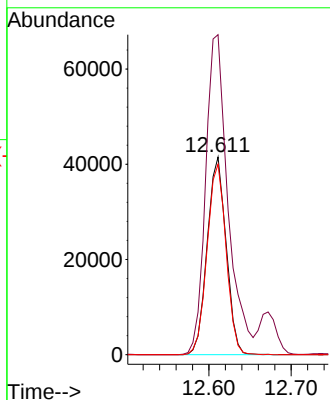
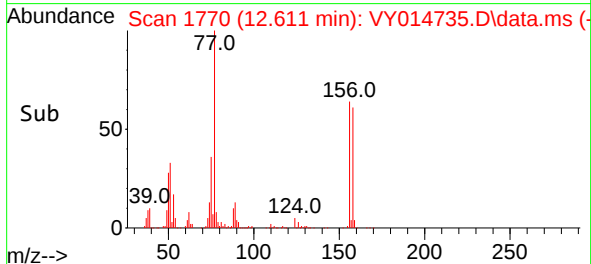
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



Tgt Ion:156 Resp: 6646
Ion Ratio Lower Upper
156 100
77 190.7 92.8 278.6
158 96.6 48.4 145.3

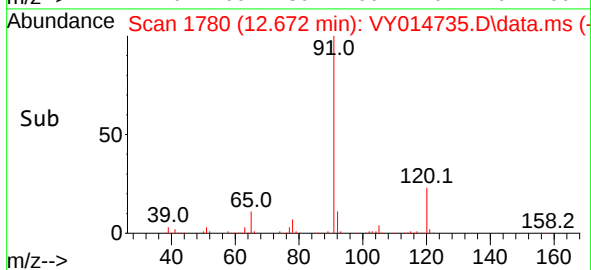
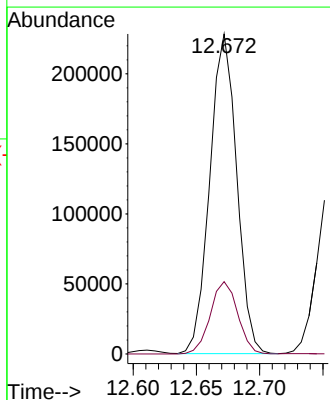
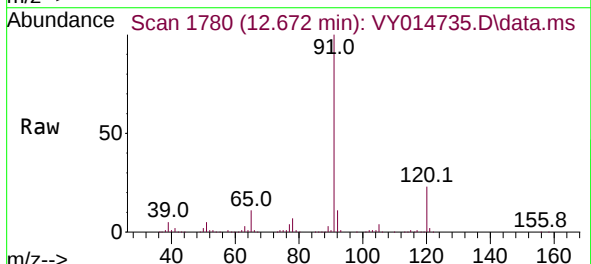
Manual Integrations
APPROVED

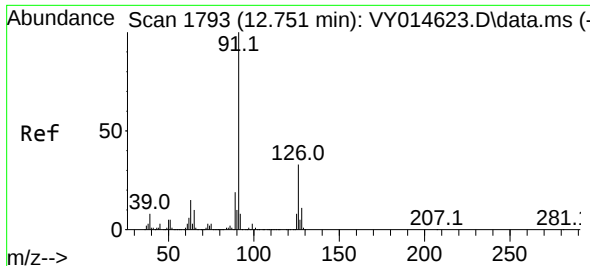
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#78
n-propylbenzene
Concen: 19.845 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Tgt Ion: 91 Resp: 337696
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.588 ug/l

RT: 12.757 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tgt Ion: 91 Resp: 191994

Ion Ratio Lower Upper

91 100

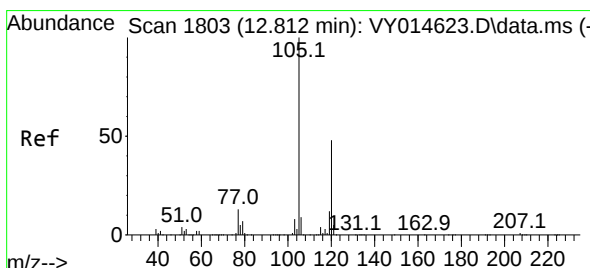
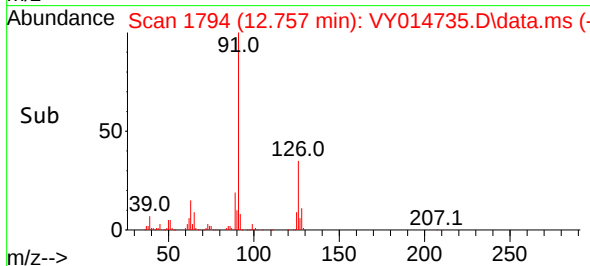
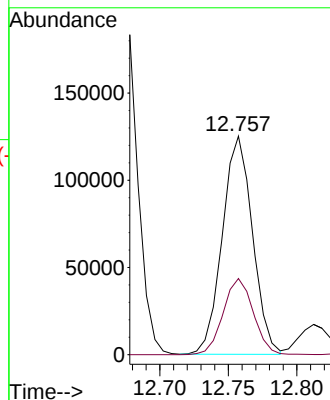
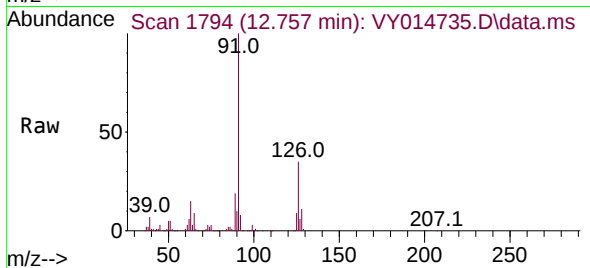
126 34.9 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#80

1,3,5-Trimethylbenzene

Concen: 19.932 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014735.D

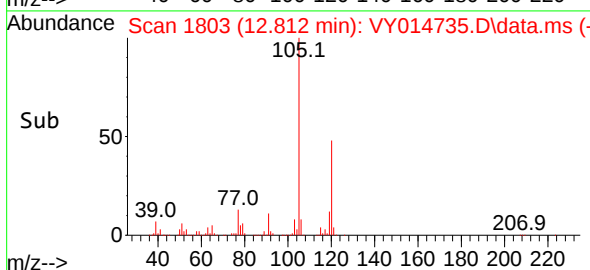
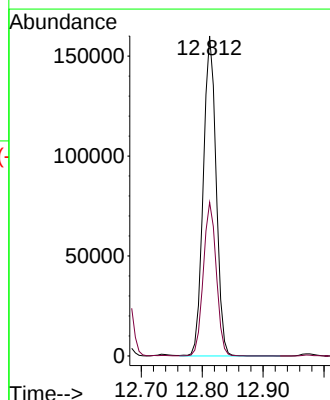
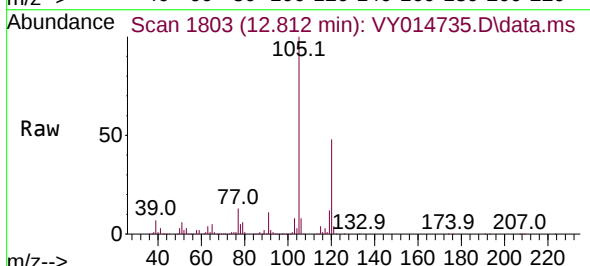
Acq: 21 Jul 2023 10:36

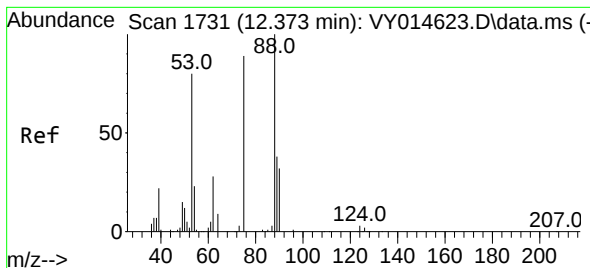
Tgt Ion:105 Resp: 235067

Ion Ratio Lower Upper

105 100

120 48.3 23.9 71.7





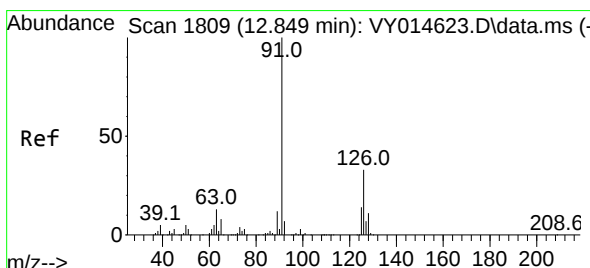
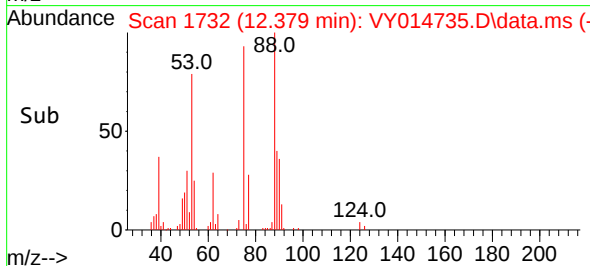
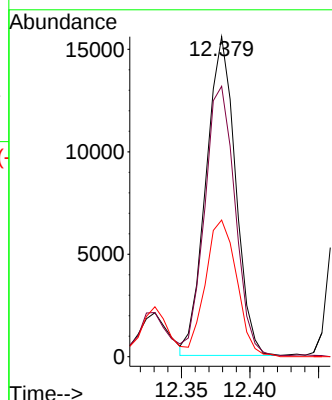
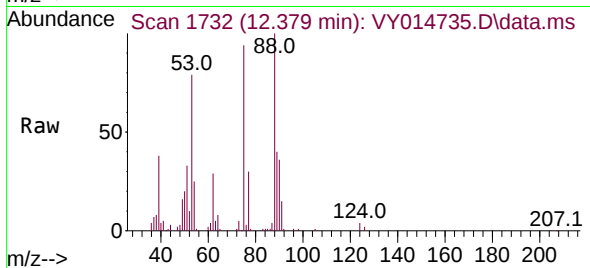
#81
trans-1,4-Dichloro-2-butene
Concen: 19.808 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tgt Ion: 75 Resp: 2330
Ion Ratio Lower Upper
75 100
53 87.4 77.8 116.8
89 45.2 37.4 56.0

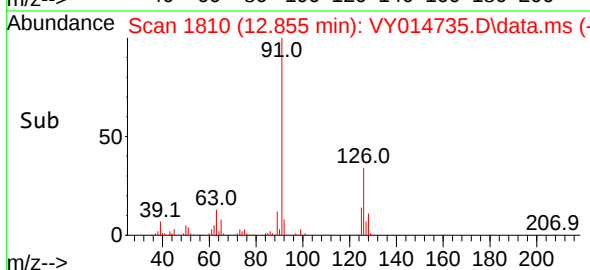
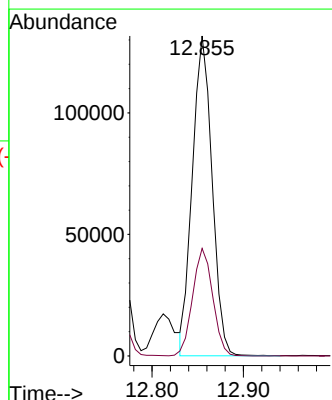
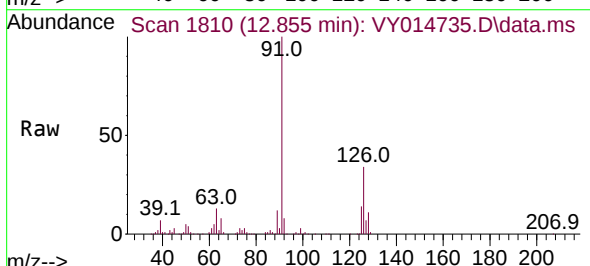
Manual Integrations
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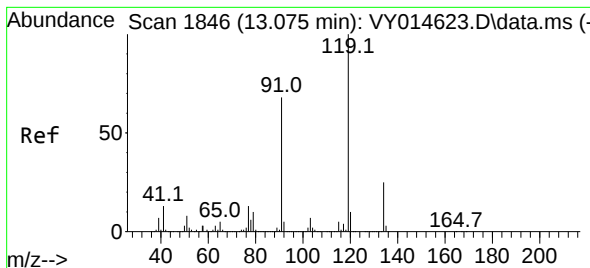
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#82
4-Chlorotoluene
Concen: 19.522 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Tgt Ion: 91 Resp: 197059
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





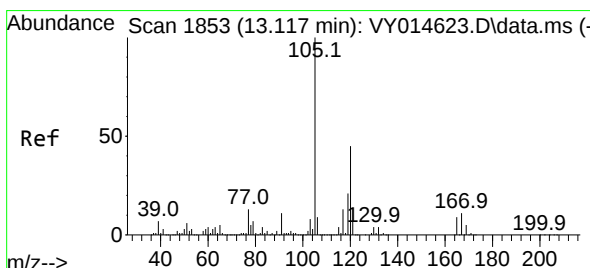
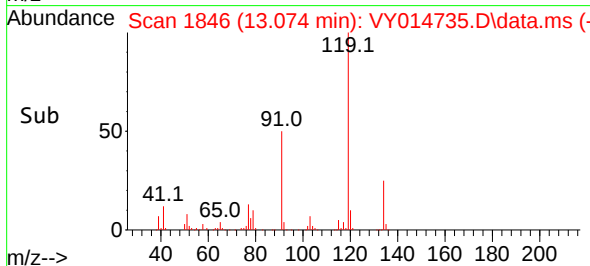
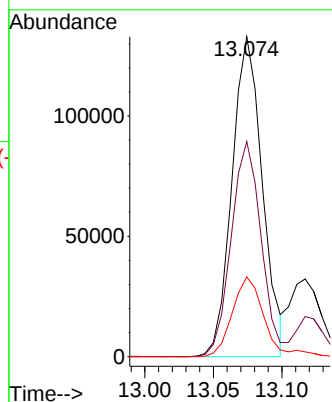
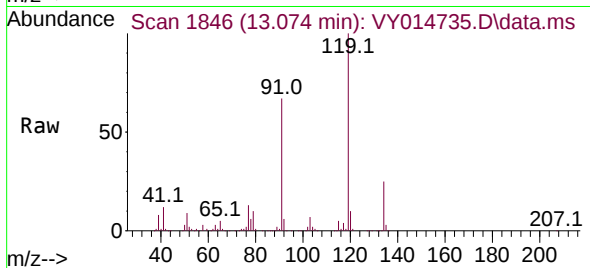
#83
tert-Butylbenzene
Concen: 19.585 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01

Tgt Ion:119 Resp: 204898
Ion Ratio Lower Upper
119 100
91 65.9 32.9 98.6
134 26.2 13.0 38.9

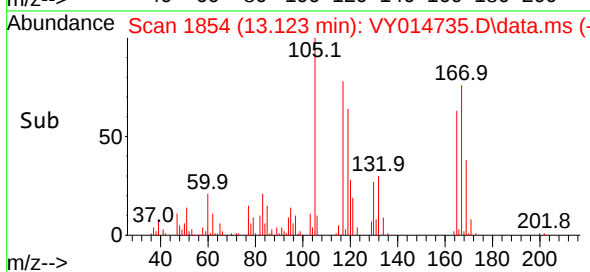
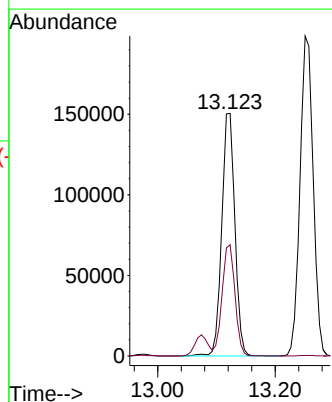
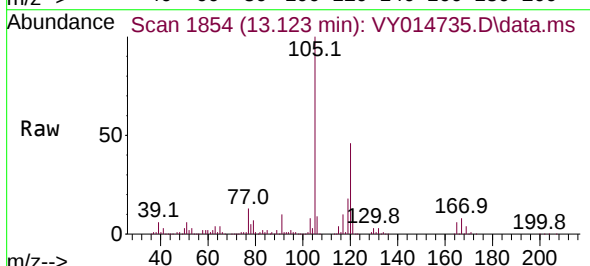
Manual Integrations
APPROVED

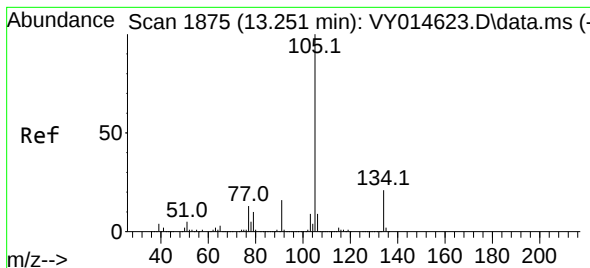
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.145 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Tgt Ion:105 Resp: 233166
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.109 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tgt Ion:105 Resp: 308614

Ion Ratio Lower Upper

105 100

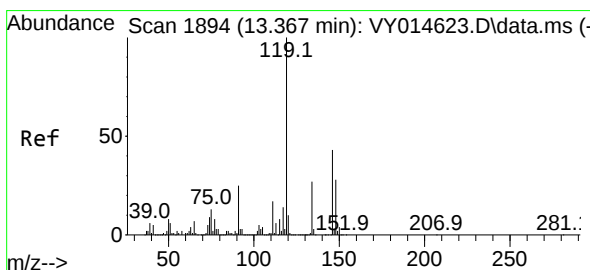
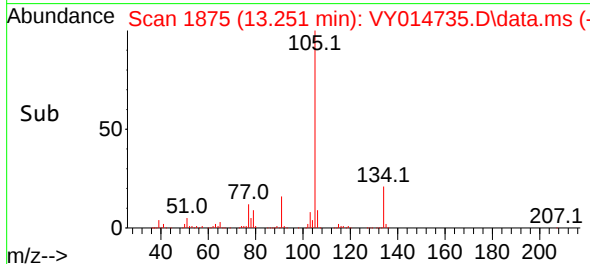
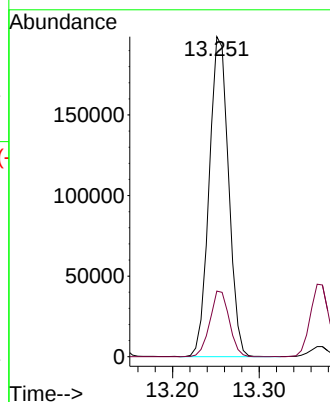
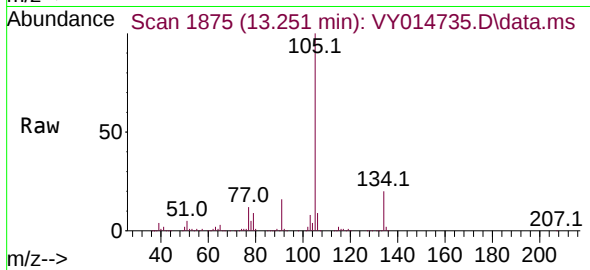
134 20.5 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#86

p-Isopropyltoluene

Concen: 20.499 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

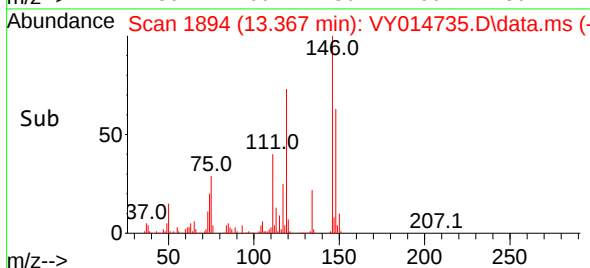
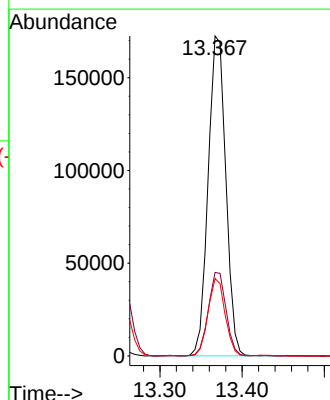
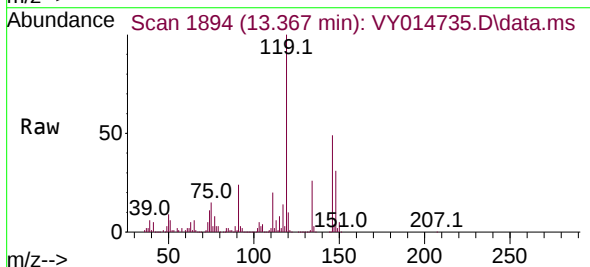
Tgt Ion:119 Resp: 256854

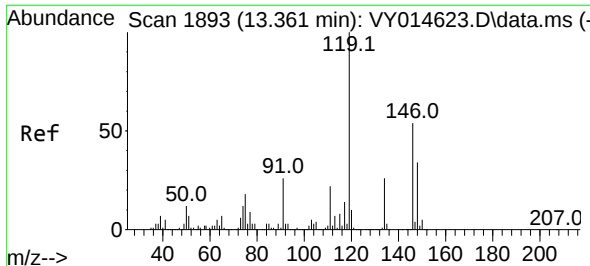
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

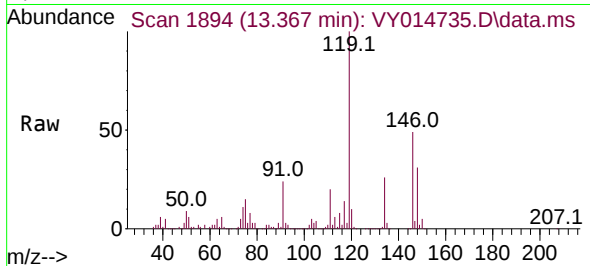
91 23.5 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.724 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

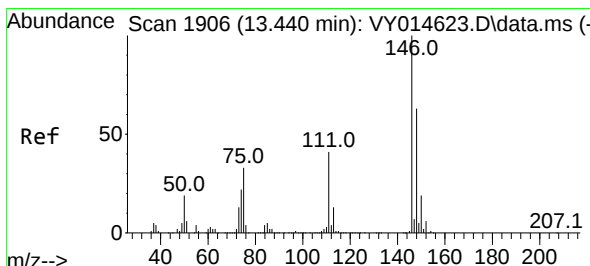
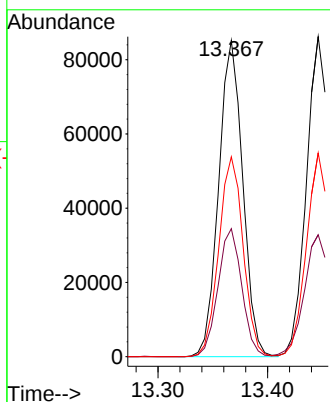
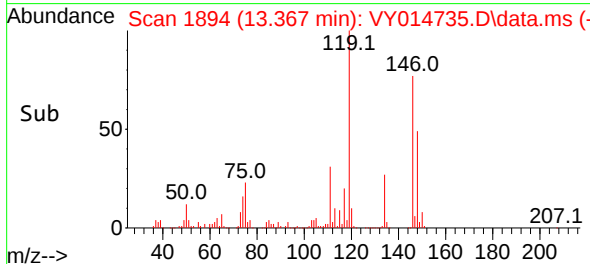
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



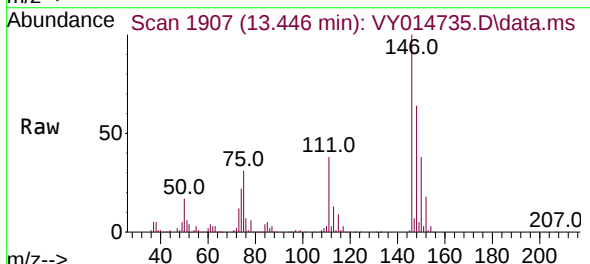
Tgt Ion:146 Resp: 130020
Ion Ratio Lower Upper
146 100
111 40.1 19.4 58.2
148 63.9 31.9 95.5

Manual Integrations
APPROVED

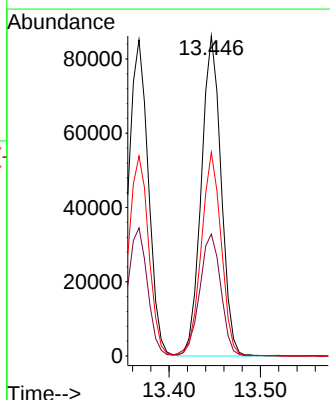
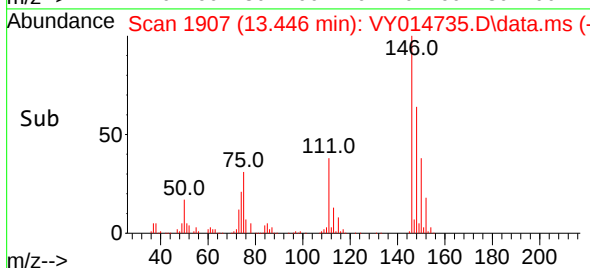
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

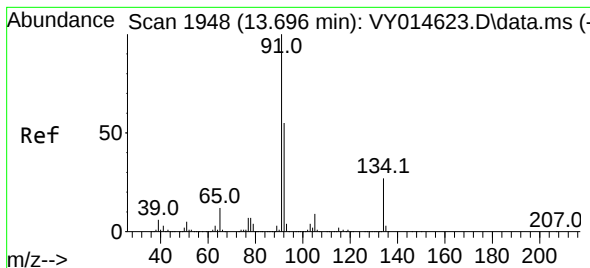


#88
1,4-Dichlorobenzene
Concen: 20.571 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36



Tgt Ion:146 Resp: 129329
Ion Ratio Lower Upper
146 100
111 40.7 18.9 56.7
148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 19.971 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

Tgt Ion: 91 Resp: 24345

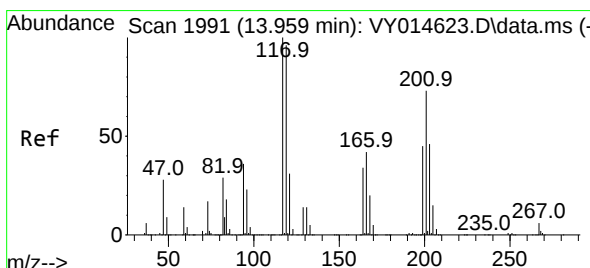
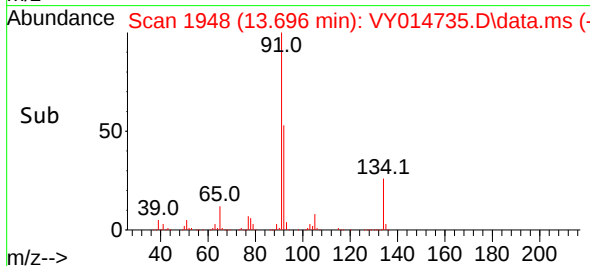
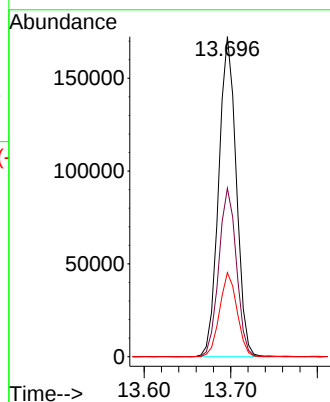
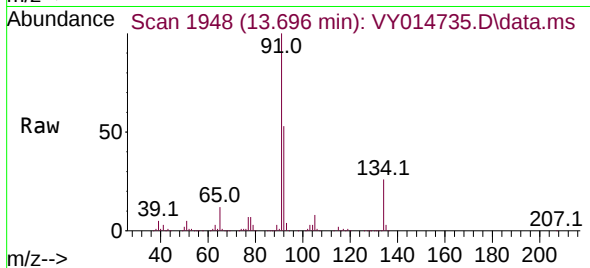
Ion	Ratio	Lower	Upper
91	100		
92	52.8	25.4	76.0
134	26.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#90

Hexachloroethane

Concen: 19.390 ug/l

RT: 13.958 min Scan# 1991

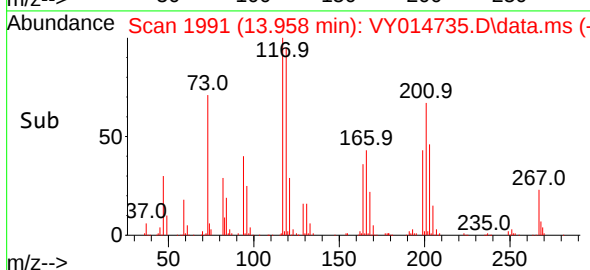
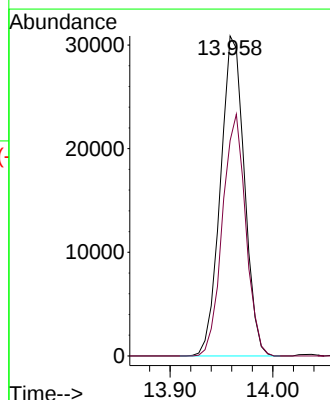
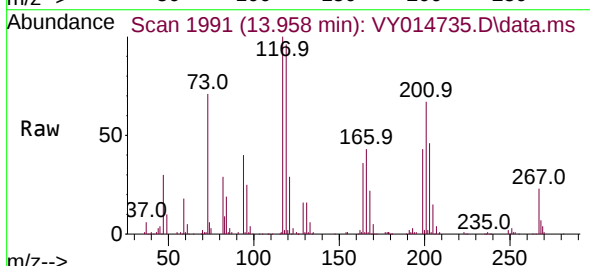
Delta R.T. -0.001 min

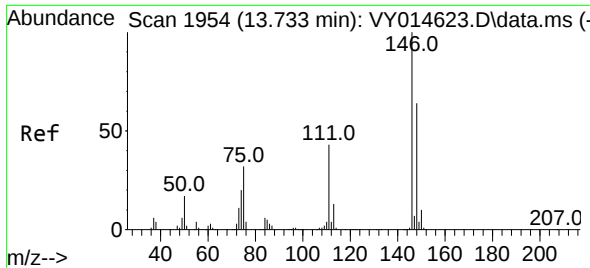
Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Tgt Ion:117 Resp: 49903

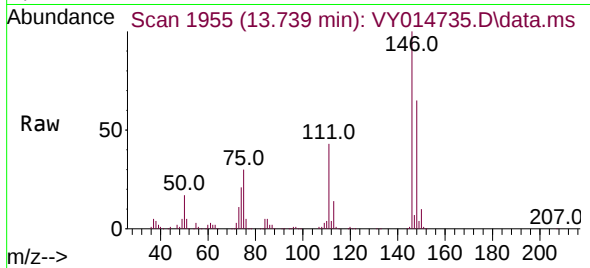
Ion	Ratio	Lower	Upper
117	100		
201	73.3	41.6	124.8





#91
1,2-Dichlorobenzene
Concen: 20.635 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

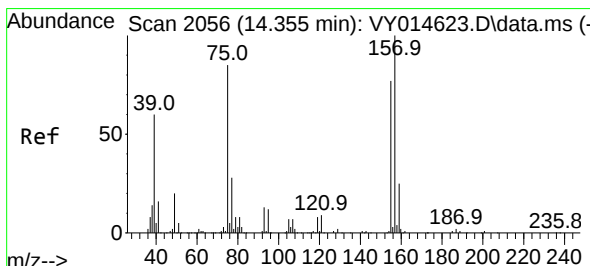
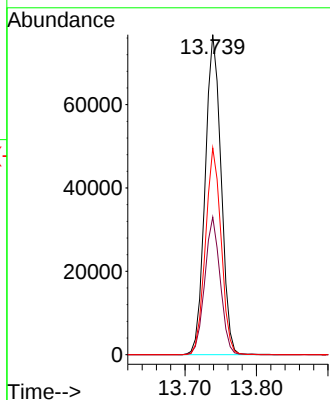
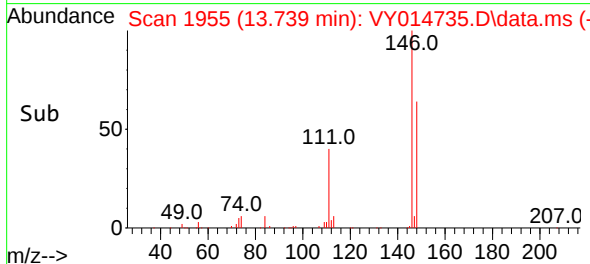
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



Tgt Ion:146 Resp: 11861
Ion Ratio Lower Upper
146 100
111 41.9 19.7 59.0
148 63.5 32.0 96.2

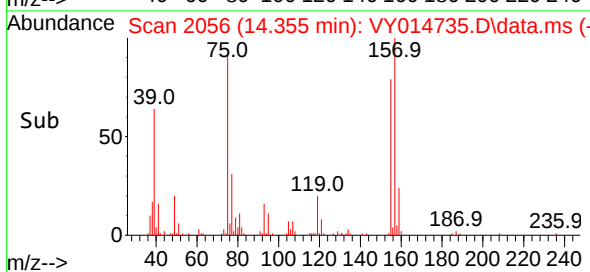
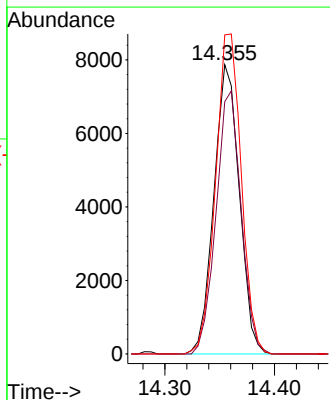
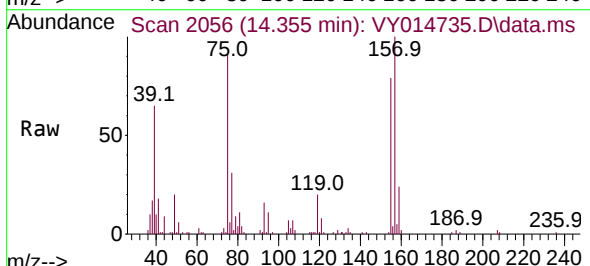
Manual Integrations
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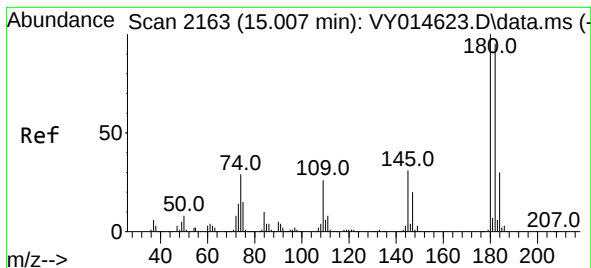
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.586 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

Tgt Ion: 75 Resp: 12678
Ion Ratio Lower Upper
75 100
155 89.9 41.5 124.6
157 112.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.157 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0721SBS01

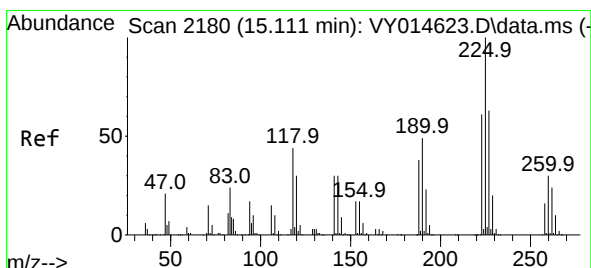
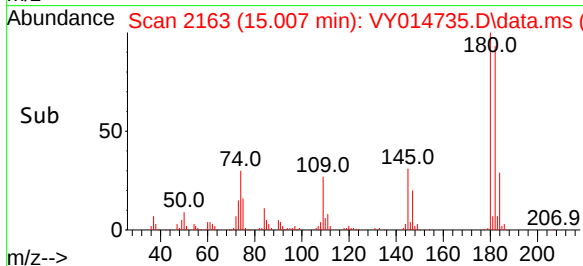
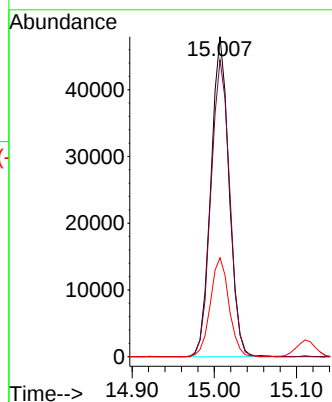
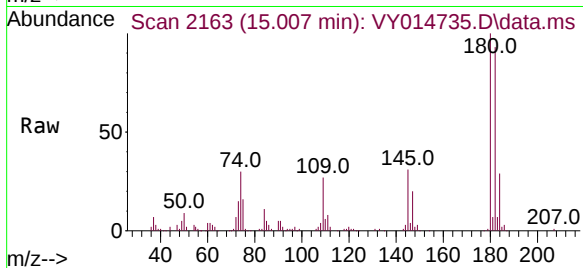
Tgt Ion:180	Resp:	7354
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.0 141.2
145	31.6	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#94

Hexachlorobutadiene

Concen: 20.450 ug/l

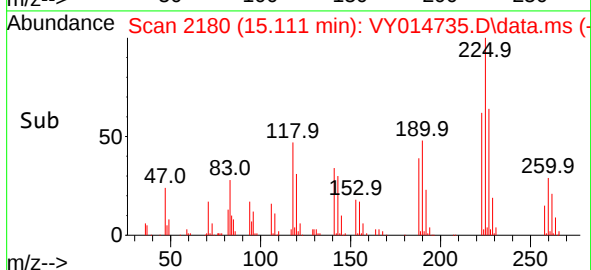
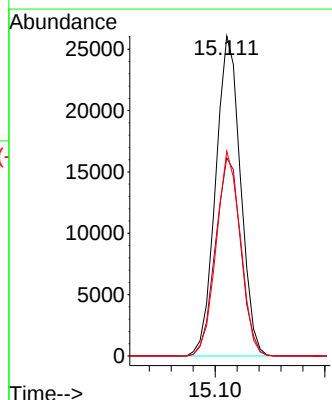
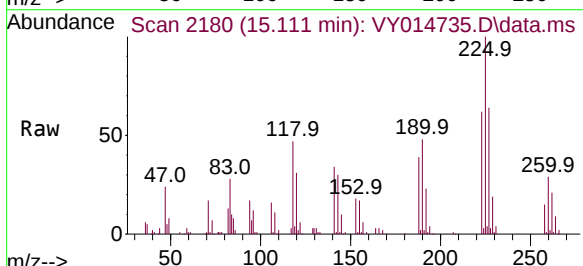
RT: 15.111 min Scan# 2180

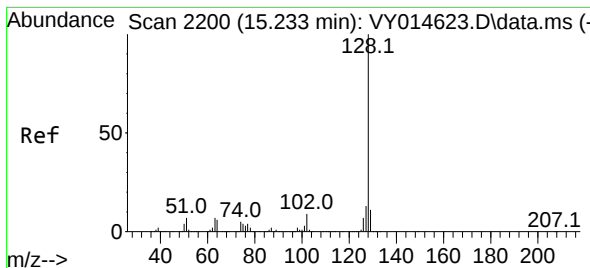
Delta R.T. -0.000 min

Lab File: VY014735.D

Acq: 21 Jul 2023 10:36

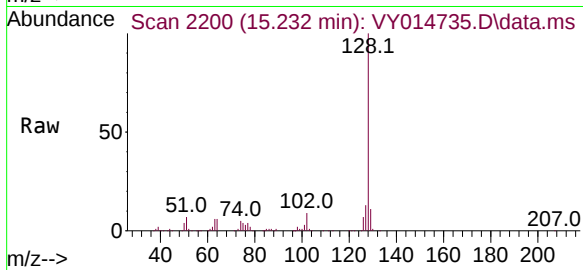
Tgt Ion:225	Resp:	41005
Ion Ratio	Lower	Upper
225	100	
223	63.3	31.9 95.9
227	62.4	33.0 98.9





#95
Naphthalene
Concen: 20.672 ug/l
RT: 15.232 min Scan# 21
Delta R.T. -0.001 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36

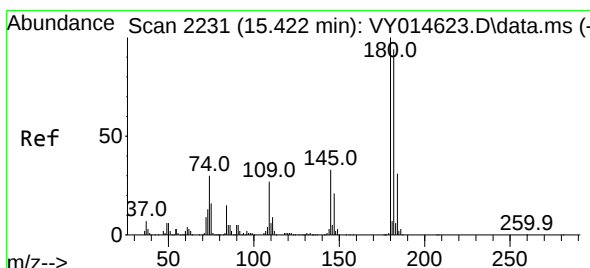
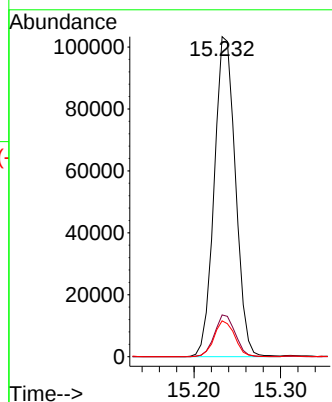
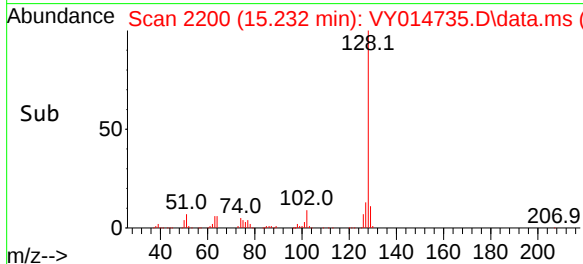
Instrument :
MSVOA_Y
ClientSampleId :
VY0721SBS01



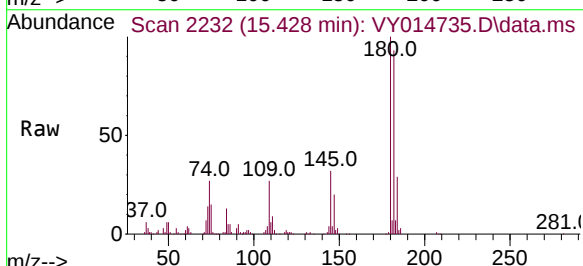
Tgt Ion:128 Resp: 17573
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.958 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY014735.D
Acq: 21 Jul 2023 10:36



Tgt Ion:180 Resp: 64721
Ion Ratio Lower Upper
180 100
182 95.5 47.3 141.8
145 34.1 15.4 46.2

