

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014612.D
 Acq On : 10 Jul 2023 12:55
 Operator : SY/MD
 Sample : 03375-05MS
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(8-10)MS

Manual Integrations
 APPROVED

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

Quant Time: Jul 11 03:16:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	305228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	439341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	389895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	197141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	146177	48.142	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.280%		
35) Dibromofluoromethane	7.716	113	144192	53.296	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.600%		
50) Toluene-d8	10.179	98	538662	50.365	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.740%		
62) 4-Bromofluorobenzene	12.477	95	177942	47.914	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	109196	49.941	ug/l	95
3) Chloromethane	2.107	50	163028	46.119	ug/l	97
4) Vinyl Chloride	2.247	62	204291	50.138	ug/l	96
5) Bromomethane	2.644	94	143714	45.486	ug/l	99
6) Chloroethane	2.784	64	130664	49.804	ug/l	96
7) Trichlorofluoromethane	3.119	101	240183	48.535	ug/l	99
8) Diethyl Ether	3.522	74	86079	45.939	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	138707	46.937	ug/l	96
10) Methyl Iodide	4.082	142	177163	52.535	ug/l	92
11) Tert butyl alcohol	4.960	59	91703	167.972	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	136703	47.750	ug/l	85
13) Acrolein	3.723	56	53239	131.961	ug/l	99
14) Allyl chloride	4.473	41	184699	42.803	ug/l #	87
15) Acrylonitrile	5.155	53	220347	204.847	ug/l	99
16) Acetone	3.942	43	229720	242.262	ug/l #	84
17) Carbon Disulfide	4.186	76	381267	43.701	ug/l	99
18) Methyl Acetate	4.473	43	203980	47.256	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	377633	45.896	ug/l	99
20) Methylene Chloride	4.710	84	168158	49.015	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	144790	44.680	ug/l	94
22) Diisopropyl ether	6.119	45	415219	46.699	ug/l #	87
23) Vinyl Acetate	6.058	43	1010422	196.419	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	256159	45.892	ug/l	98
25) 2-Butanone	6.984	43	299371	213.223	ug/l	92
26) 2,2-Dichloropropane	6.978	77	224456	47.178	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	170735	46.446	ug/l	91
28) Bromochloromethane	7.332	49	114831	48.993	ug/l #	82
29) Tetrahydrofuran	7.344	42	191400	211.346	ug/l #	87
30) Chloroform	7.503	83	272124	46.735	ug/l	94
31) Cyclohexane	7.783	56	200778	42.148	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	234258	47.068	ug/l	97
36) 1,1-Dichloropropene	7.917	75	198866	47.998	ug/l	97
37) Ethyl Acetate	7.070	43	120102	42.269	ug/l #	91
38) Carbon Tetrachloride	7.899	117	210168	48.593	ug/l	99
39) Methylcyclohexane	9.179	83	209908	42.386	ug/l	94
40) Benzene	8.161	78	588203	46.900	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	56420m	40.645	ug/l	
42) 1,2-Dichloroethane	8.234	62	176249	47.812	ug/l	94
43) Isopropyl Acetate	8.271	43	214466	44.539	ug/l #	90
44) Trichloroethene	8.935	130	167457	47.894	ug/l	93
45) 1,2-Dichloropropane	9.216	63	153860	47.822	ug/l	97
46) Dibromomethane	9.301	93	93472	47.722	ug/l	94
47) Bromodichloromethane	9.496	83	210110	48.685	ug/l	98
48) Methyl methacrylate	9.289	41	101516	46.361	ug/l #	82
49) 1,4-Dioxane	9.295	88	30917	883.950	ug/l #	61
51) 4-Methyl-2-Pentanone	10.069	43	638234	223.884	ug/l	90
52) Toluene	10.240	92	370766	46.978	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	219199	47.497	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	242892	47.171	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	136384	47.853	ug/l	97
56) Ethyl methacrylate	10.508	69	184760	47.656	ug/l #	80
57) 1,3-Dichloropropane	10.789	76	220488	47.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	485844	258.675	ug/l	96
59) 2-Hexanone	10.831	43	476730	231.506	ug/l	88
60) Dibromochloromethane	10.984	129	161978	48.502	ug/l	100
61) 1,2-Dibromoethane	11.087	107	132612	47.660	ug/l	100
64) Tetrachloroethene	10.715	164	181795	52.159	ug/l	96
65) Chlorobenzene	11.514	112	401192	48.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	161719	51.208	ug/l	98
67) Ethyl Benzene	11.587	91	692152	48.848	ug/l	99
68) m/p-Xylenes	11.697	106	542968	96.604	ug/l	95
69) o-Xylene	12.026	106	258373	48.468	ug/l	95
70) Styrene	12.044	104	450305	49.097	ug/l	96
71) Bromoform	12.203	173	120452	50.204	ug/l #	100
73) Isopropylbenzene	12.325	105	661505	51.235	ug/l	99
74) N-amyl acetate	12.142	43	170271	43.696	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	168324	50.802	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	117063m	50.603	ug/l	
77) Bromobenzene	12.605	156	184493	52.317	ug/l	93
78) n-propylbenzene	12.666	91	797516	50.637	ug/l	98
79) 2-Chlorotoluene	12.752	91	454781	50.175	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	552707	50.566	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	57180	48.110	ug/l	87
82) 4-Chlorotoluene	12.849	91	470327	49.531	ug/l	95
83) tert-Butylbenzene	13.075	119	477086	49.665	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	548984	50.333	ug/l	97
85) sec-Butylbenzene	13.252	105	677276	47.779	ug/l	98
86) p-Isopropyltoluene	13.367	119	575257	48.223	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	336511	48.805	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	336899	48.755	ug/l	98
89) n-Butylbenzene	13.697	91	499146	45.276	ug/l	98
90) Hexachloroethane	13.959	117	112709	47.698	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	307187	49.185	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	29485	48.607	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	179797	44.571	ug/l	98
94) Hexachlorobutadiene	15.111	225	81980	33.066	ug/l	97
95) Naphthalene	15.233	128	1989681	231.831	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	165227	44.953	ug/l	98

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Response via : Initial Calibration

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

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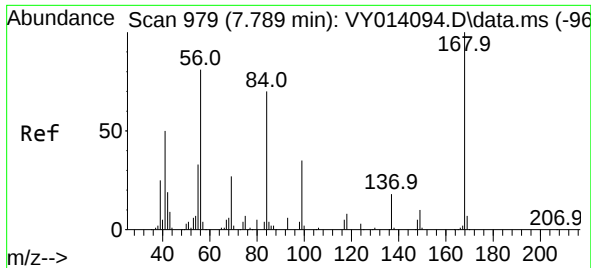
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Abundance

Time-->

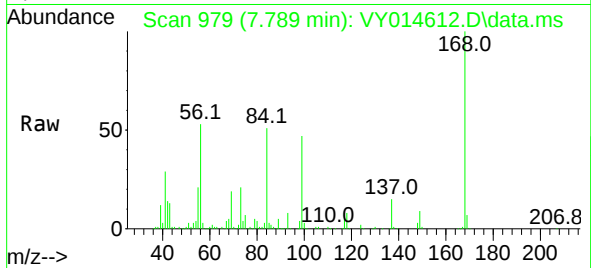
Compounds identified in the chromatogram:

- Dichlorodifluoromethane, T
- Chloromethane, P
- Vinyl Chloride, C
- Bromomethane, T
- Chloroethane, T
- Trichlorofluoromethane, T
- Diethyl Ether, T
- Acrolein, T
- 1,1,1-Trichloroethylene, T
- Methyl iodide, T
- Methyl disulfide, T
- Methyl acetate, T
- Methylene chloride, T
- Tert butyl alcohol, T
- Acetonitrile, T
- Methyl 1,2-dichloroethane, T
- 1,1-Dichloroethane, P
- Disopropyl acetate, T
- Ethyl Acetate, T
- Methylacrylonitrile, T
- Chloroform, C
- 1,1-Chloro-2-methylpropane, T
- 1,1-Dichloro-2-methylpropane, T
- 1,2-Dichloropropane, TM
- 1,2-Dibromoethane, I
- 1,4-Difluorobenzene, I
- Trichloroethene, TM
- 1,2-Dichloroethane, T
- 1,2-Dibromoethane, T
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- Toluene, S, CM
- 4-Methyl-2-Pentanone, T
- 2-Chloroethyl Vinyl ether, T
- Ethyl 1,2-dichloroethane, T
- 1,1,2-Trichloroethane, T
- 1,3-Dichloropropane, T
- Dibromochloromethane, T
- 1,2-Dibromoethane, I
- Chlorobenzene, S, PM
- Ethyl Bromodichloroethane, T
- m,p-Xylenes, I
- Styrene, T
- p-Xylene, T
- Isopropylbenzene, T
- trans-1,4-Dichloro-2-butene, S
- trans-1,4-Dichloro-2-butene, S
- sec-Butylbenzene, T
- propylbenzene, T
- 1,2,3-Trimethylbenzene, T
- 2-Chlorobutene, T
- tert-Butylbenzene, T
- 1,2,4-Trimethylbenzene, T
- sec-Butylbenzene, T
- 1,2-Dichlorobenzene, T
- 1,4-Dichlorobenzene, T
- 1,2-Dichlorobenzene, T
- Hexachloroethane, T
- 1,2-Dibromo-3-Chloropropane, T
- 1,2,4-Trichlorobenzene, T
- Hexachlorobutadiene, I
- 1,2,3-Trichlorobenzene, T
- Naphthalene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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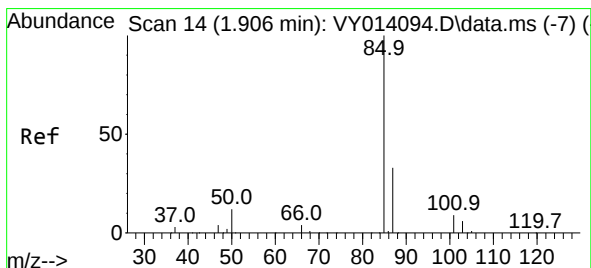
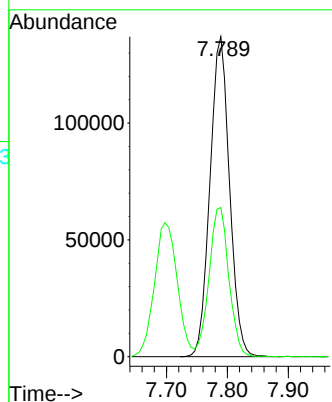
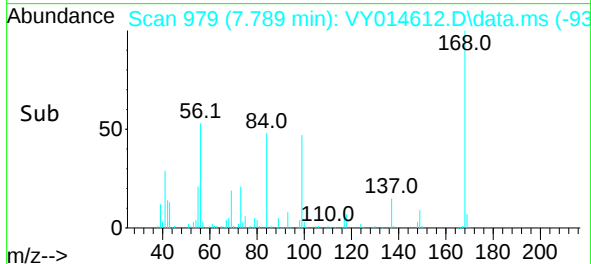
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Tgt Ion:168 Resp: 305228
Ion Ratio Lower Upper
168 100
99 46.6 43.4 65.0

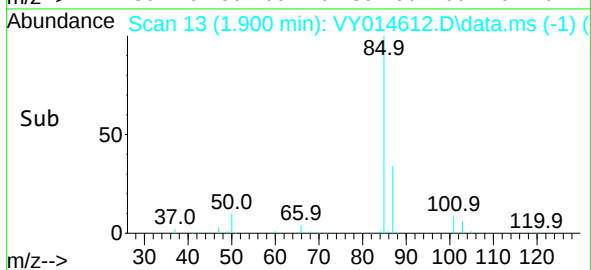
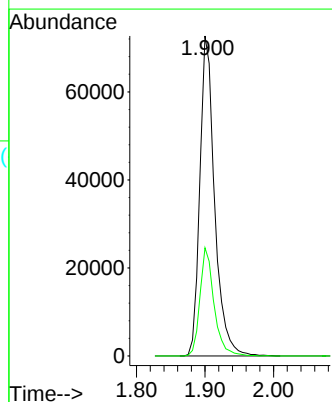
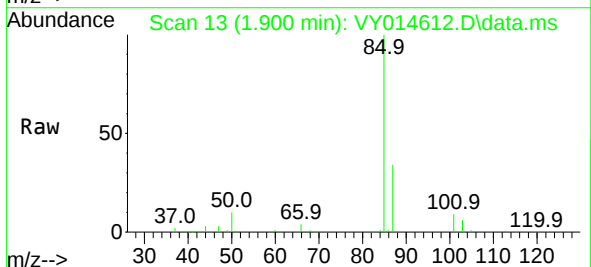
Manual Integrations
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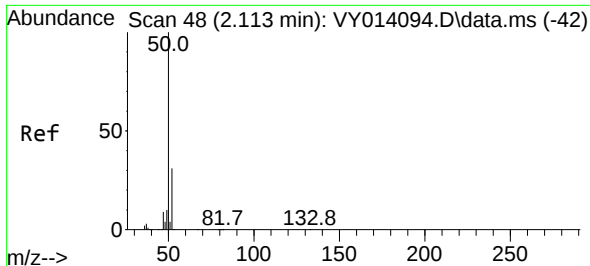
Reviewed By :John Carlone 07/11/2023
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#2
Dichlorodifluoromethane
Concen: 49.941 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

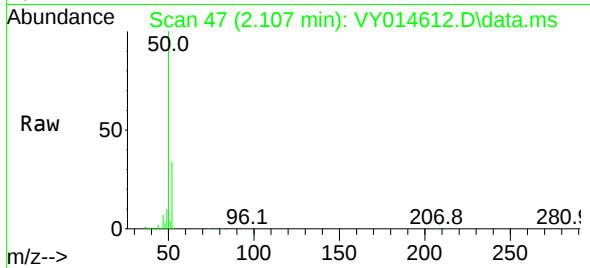
Tgt Ion: 85 Resp: 109196
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.8





#3
Chloromethane
Concen: 46.119 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

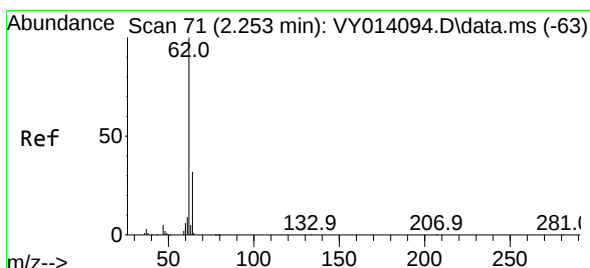
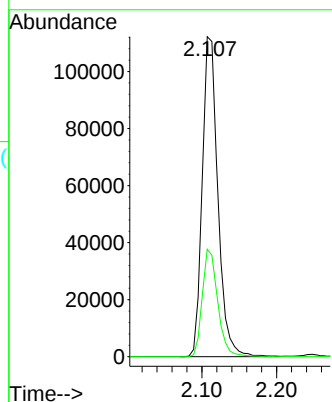
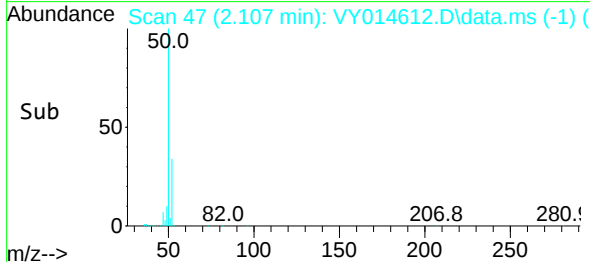
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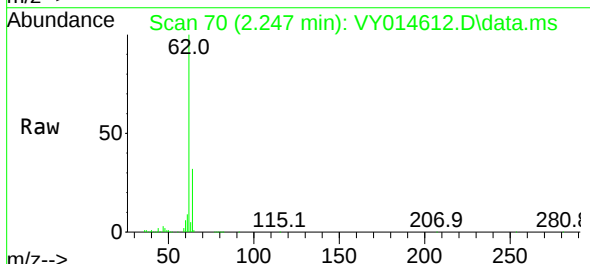
Tgt Ion: 50 Resp: 163028
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2

Manual Integrations
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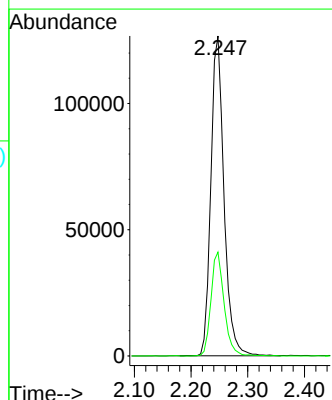
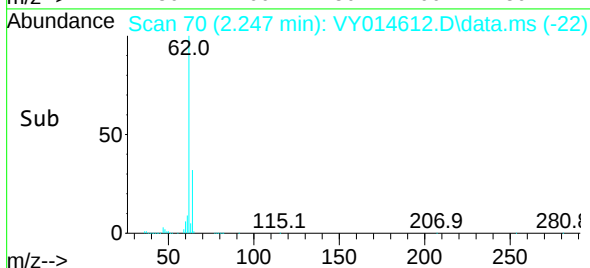
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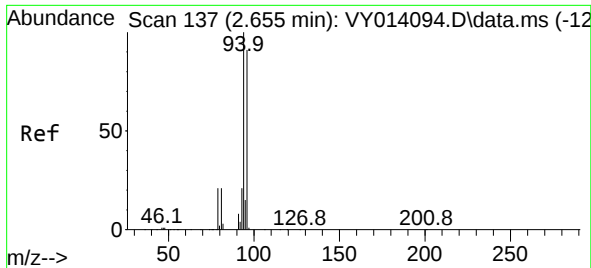


#4
Vinyl Chloride
Concen: 50.138 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY014612.D
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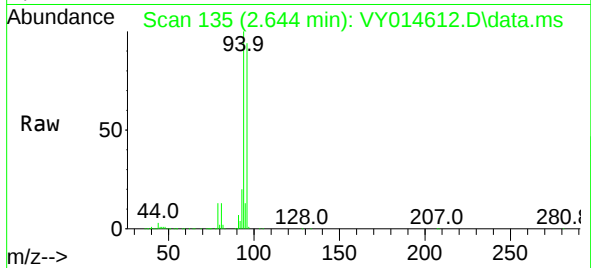
Tgt Ion: 62 Resp: 204291
Ion Ratio Lower Upper
62 100
64 32.5 24.3 36.5





#5
Bromomethane
Concen: 45.486 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.011 min
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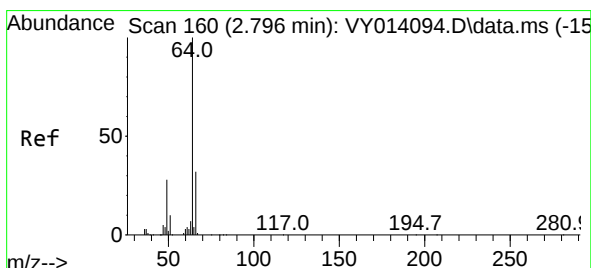
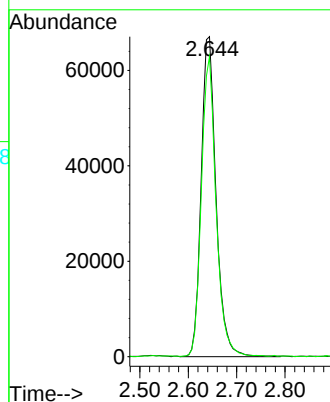
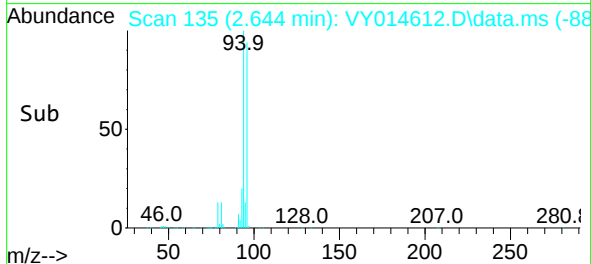
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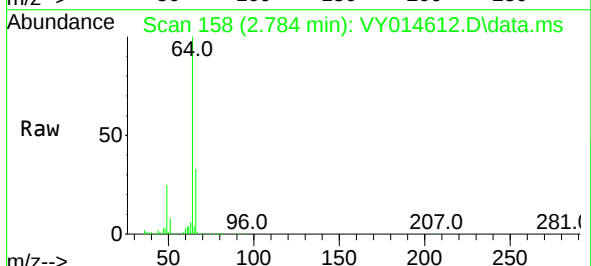
Tgt Ion: 94 Resp: 143714
Ion Ratio Lower Upper
94 100
96 93.6 75.8 113.6

Manual Integrations
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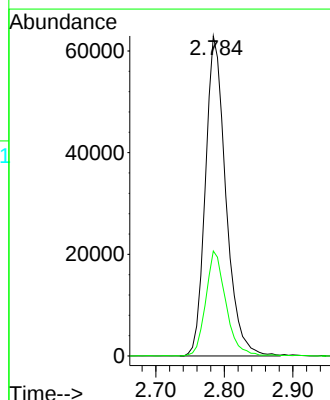
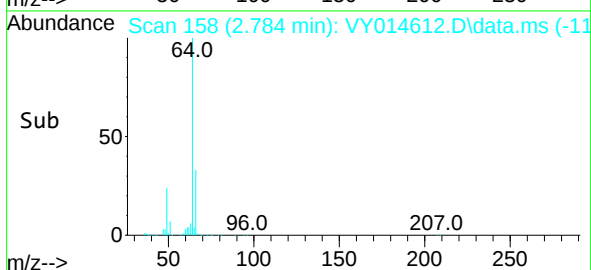
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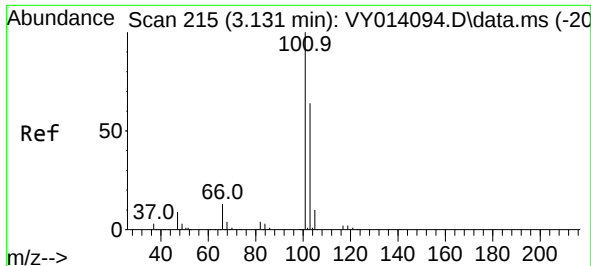


#6
Chloroethane
Concen: 49.804 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
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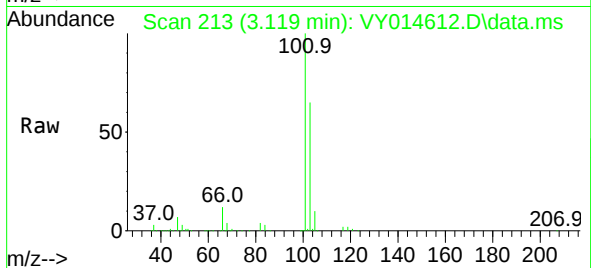
Tgt Ion: 64 Resp: 130664
Ion Ratio Lower Upper
64 100
66 32.8 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 48.535 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
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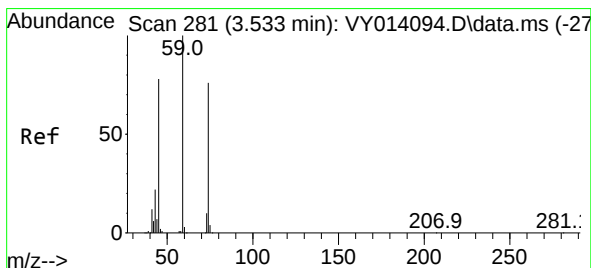
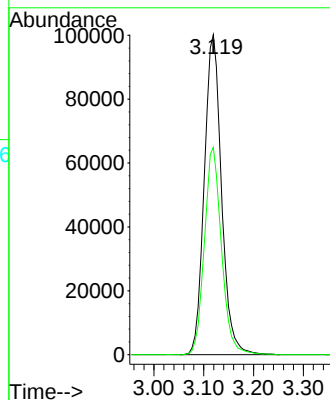
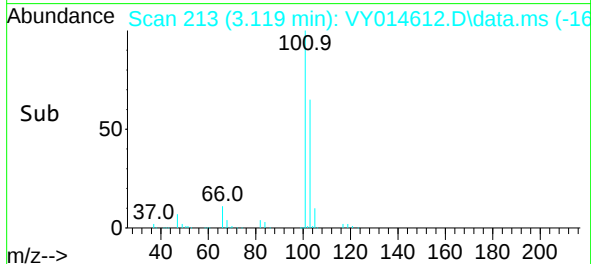
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(8-10)MS



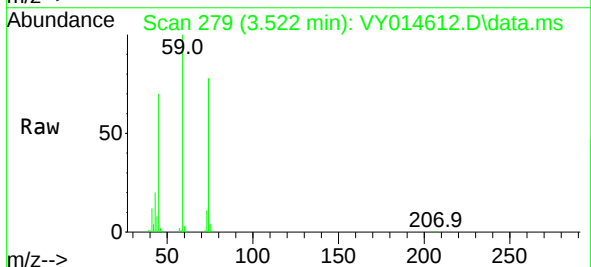
Tgt Ion:101 Resp: 24018
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.4 77.0

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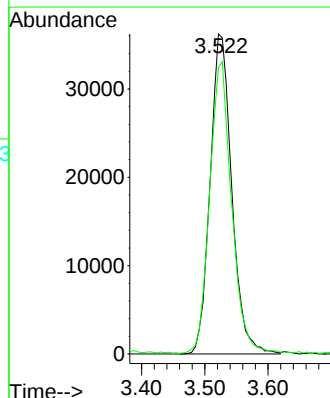
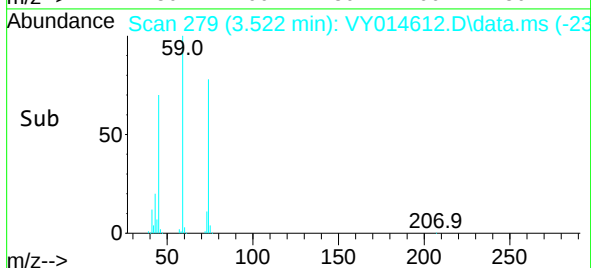
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#8
 Diethyl Ether
 Concen: 45.939 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. -0.011 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55



Tgt Ion: 74 Resp: 86079
 Ion Ratio Lower Upper
 74 100
 45 92.2 51.5 154.5





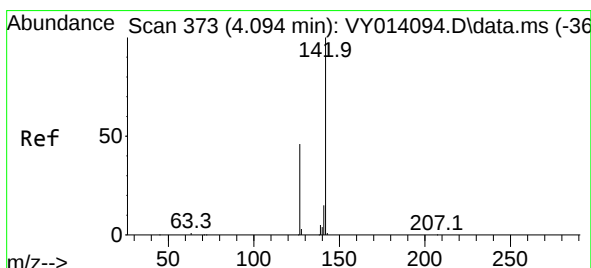
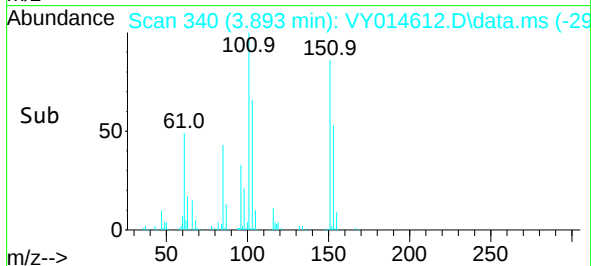
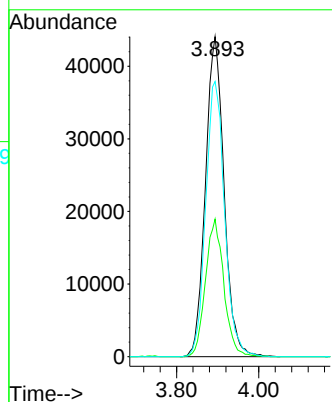
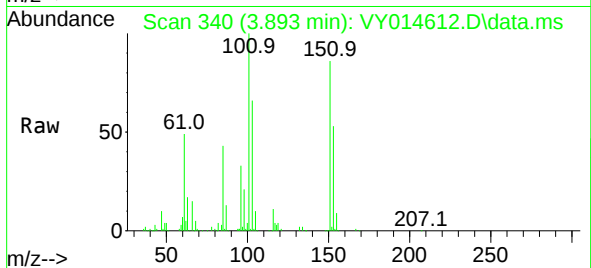
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.937 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS

Tgt Ion:101 Resp: 13870
Ion Ratio Lower Upper
101 100
85 42.5 36.6 55.0
151 87.4 67.0 100.6

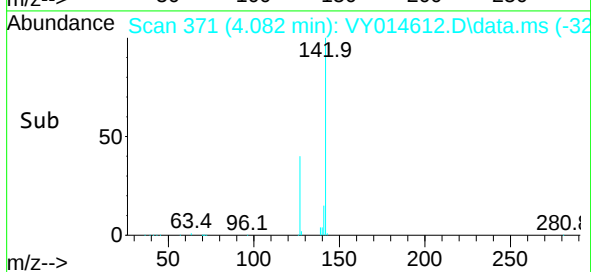
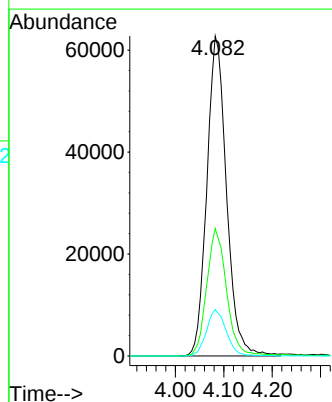
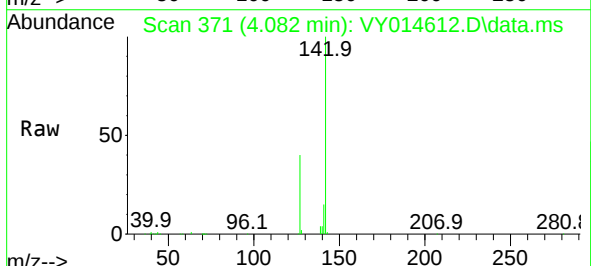
Manual Integrations
APPROVED

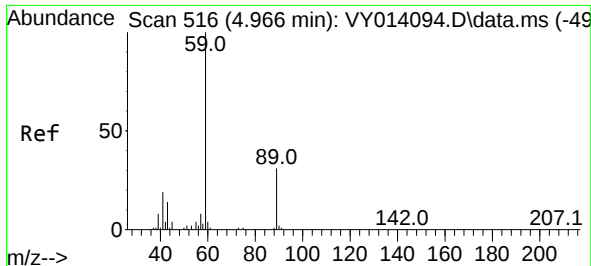
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#10
Methyl Iodide
Concen: 52.535 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

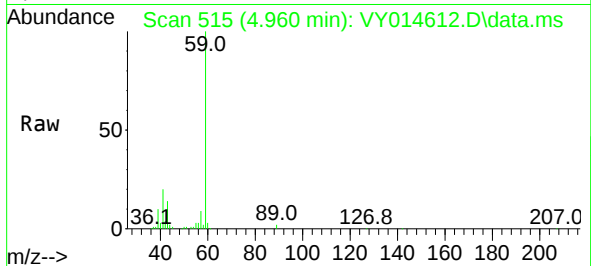
Tgt Ion:142 Resp: 177163
Ion Ratio Lower Upper
142 100
127 40.3 37.6 56.4
141 14.5 11.8 17.8





#11
Tert butyl alcohol
Concen: 167.972 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

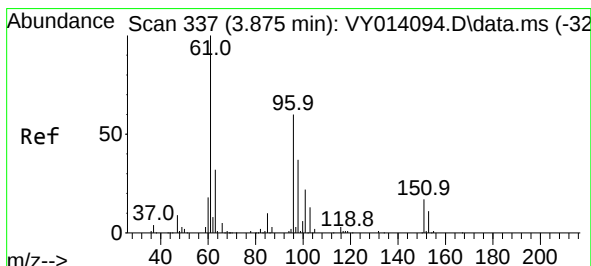
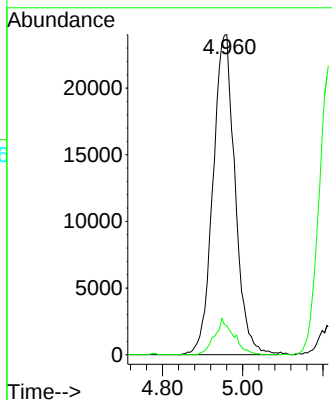
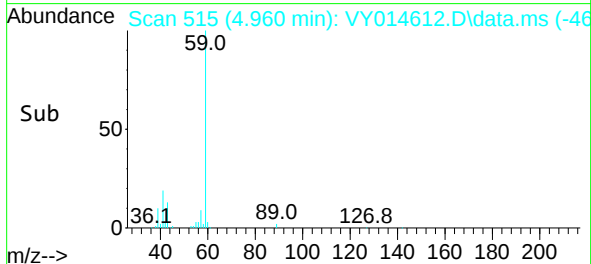
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



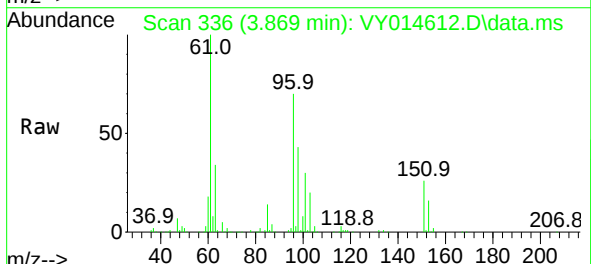
Tgt Ion: 59 Resp: 91703
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4

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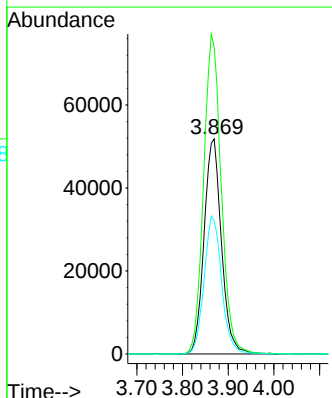
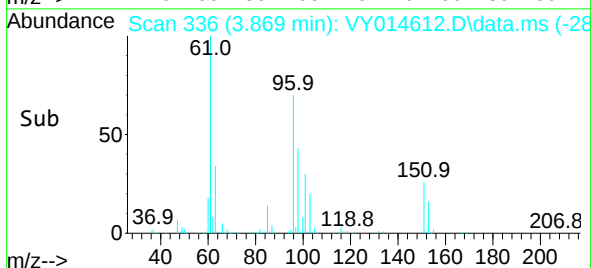
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

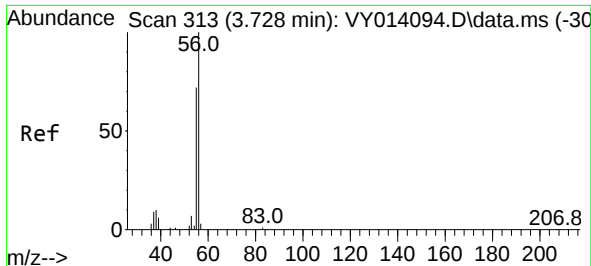


#12
1,1-Dichloroethene
Concen: 47.750 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55



Tgt Ion: 96 Resp: 136703
Ion Ratio Lower Upper
96 100
61 142.5 136.4 204.6
98 61.6 49.4 74.2





#13

Acrolein

Concen: 131.961 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.005 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)MS

Tgt Ion: 56 Resp: 53239

Ion Ratio Lower Upper

56 100

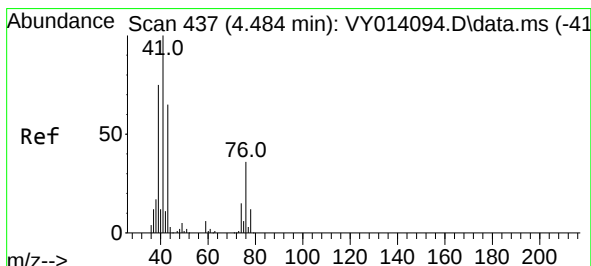
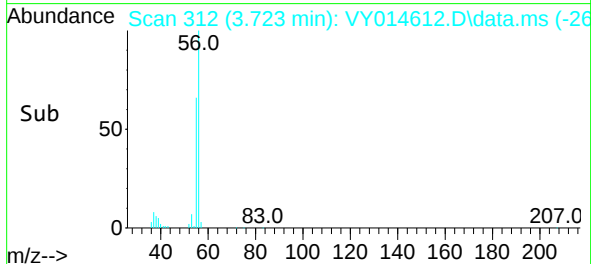
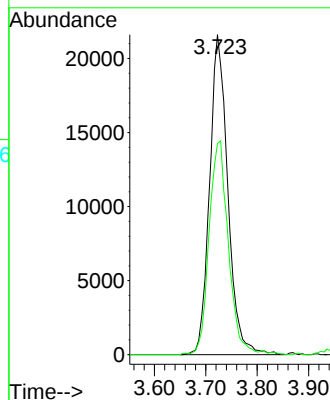
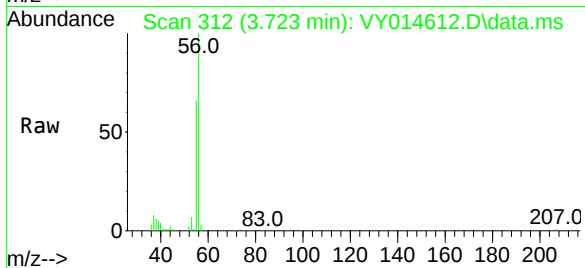
55 70.4 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#14

Allyl chloride

Concen: 42.803 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.011 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

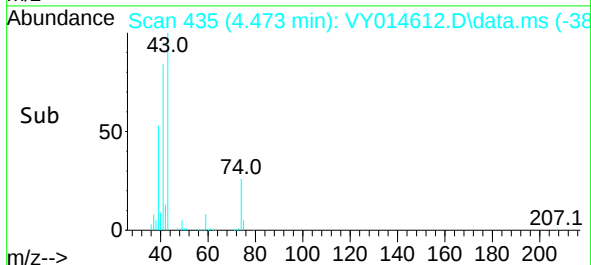
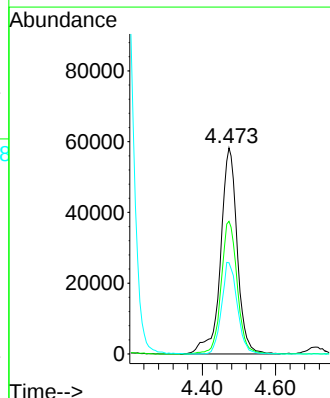
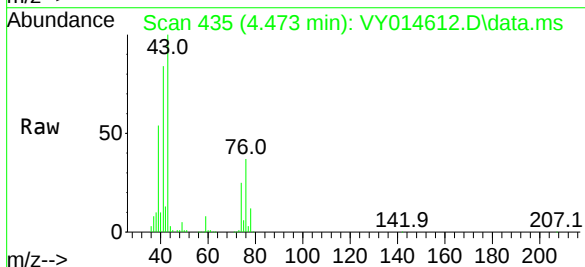
Tgt Ion: 41 Resp: 184699

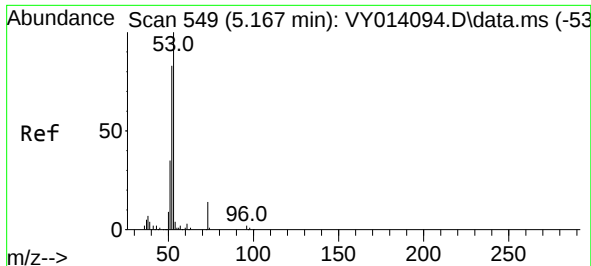
Ion Ratio Lower Upper

41 100

39 62.2 58.0 87.0

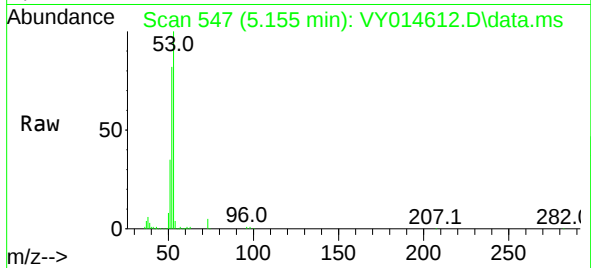
76 41.8 27.4 41.2#





#15
Acrylonitrile
Concen: 204.847 ug/l
RT: 5.155 min Scan# 549
Delta R.T. -0.012 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

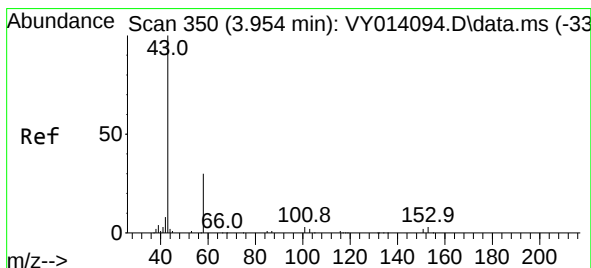
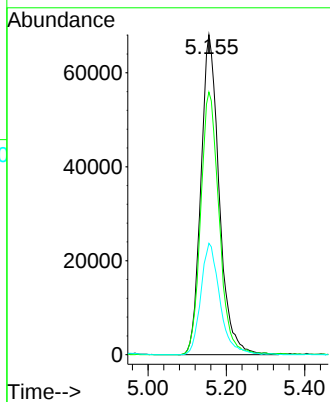
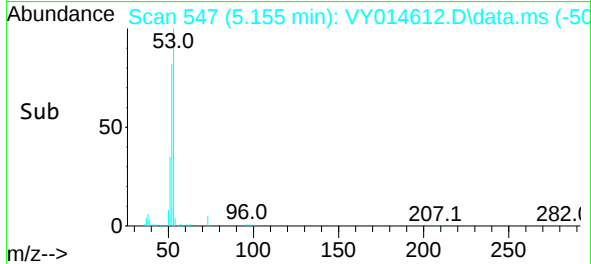
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



Tgt Ion: 53 Resp: 22034
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 36.4 29.8 44.6

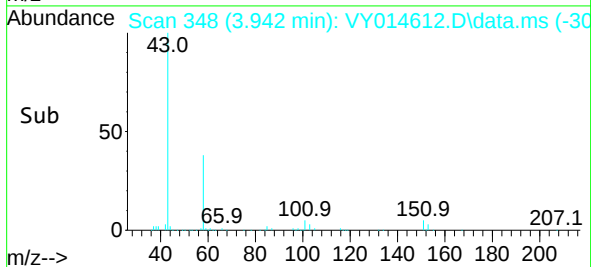
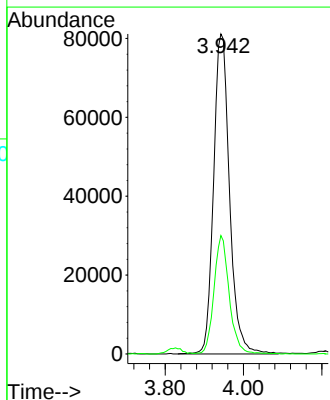
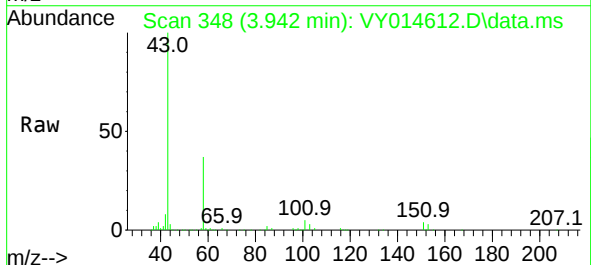
Manual Integrations
APPROVED

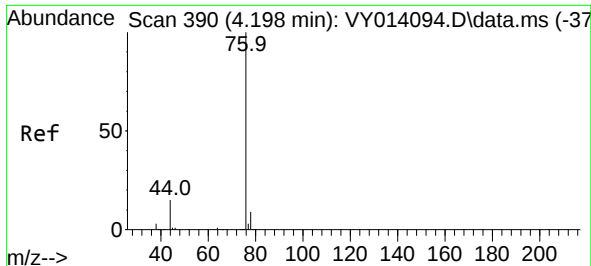
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#16
Acetone
Concen: 242.262 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

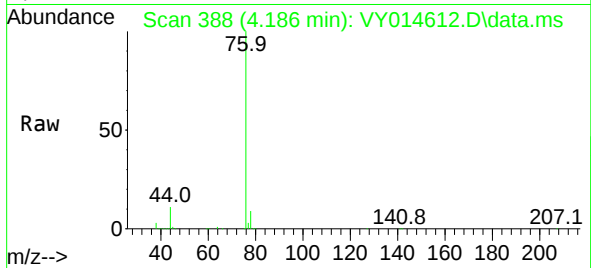
Tgt Ion: 43 Resp: 229720
Ion Ratio Lower Upper
43 100
58 36.9 22.7 34.1#





#17
Carbon Disulfide
Concen: 43.701 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.012 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

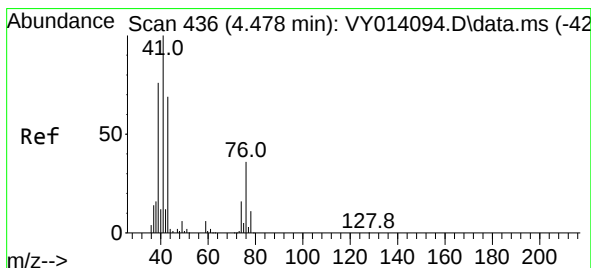
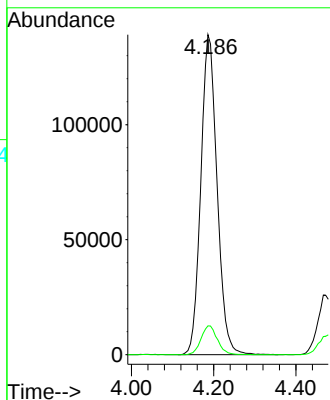
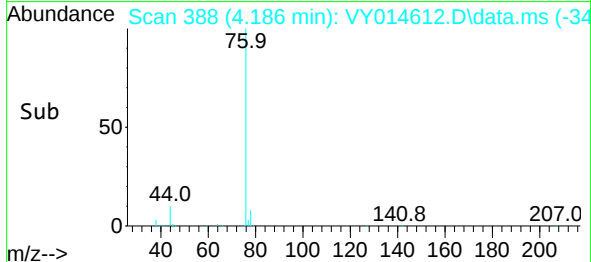
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



Tgt Ion: 76 Resp: 38126
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

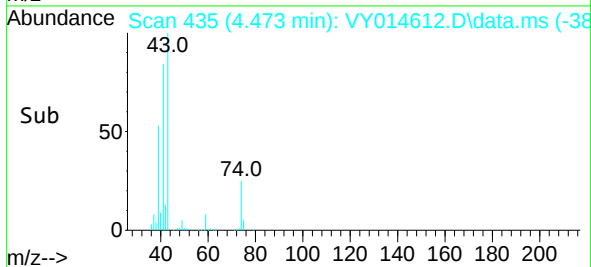
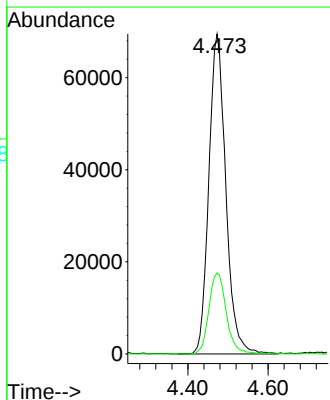
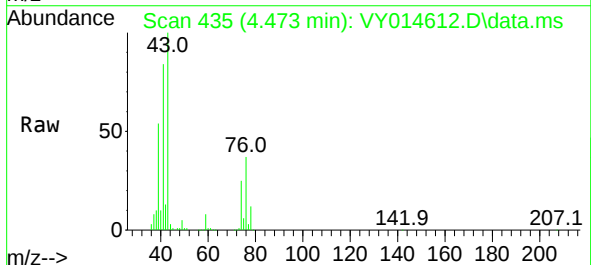
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 47.256 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

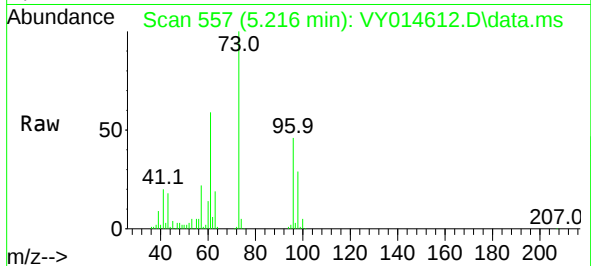
Tgt Ion: 43 Resp: 203980
Ion Ratio Lower Upper
43 100
74 25.9 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 45.896 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

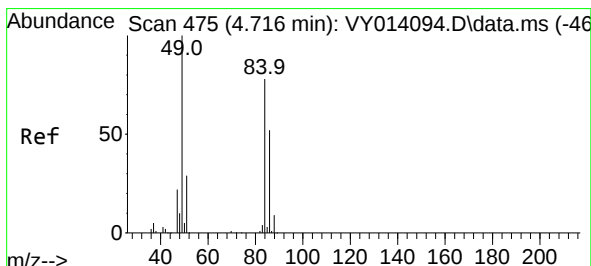
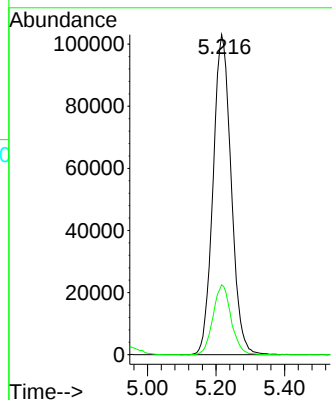
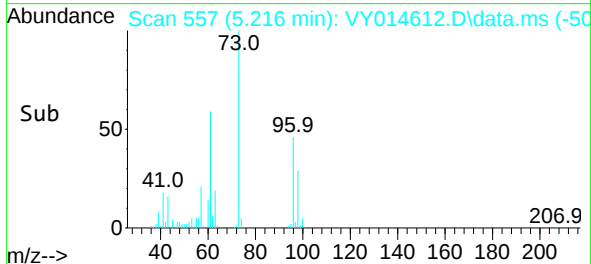
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



Tgt Ion: 73 Resp: 37763
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

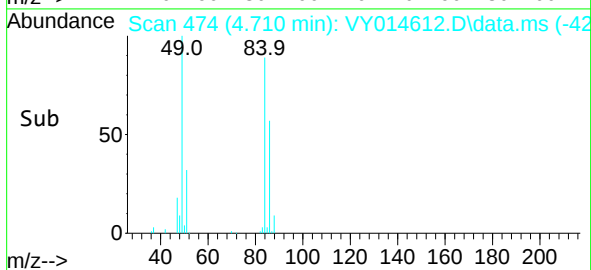
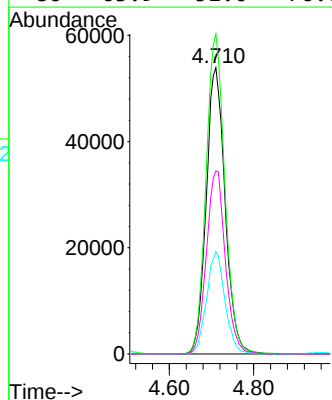
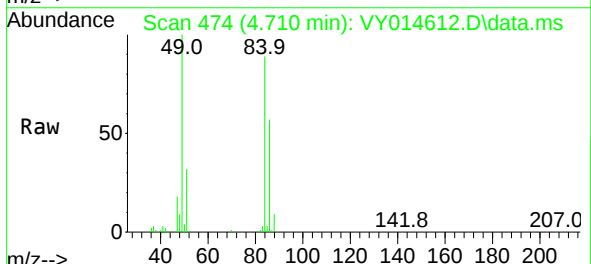
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 49.015 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion: 84 Resp: 168158
Ion Ratio Lower Upper
84 100
49 111.8 106.9 160.3
51 35.8 33.2 49.8
86 63.9 51.0 76.6





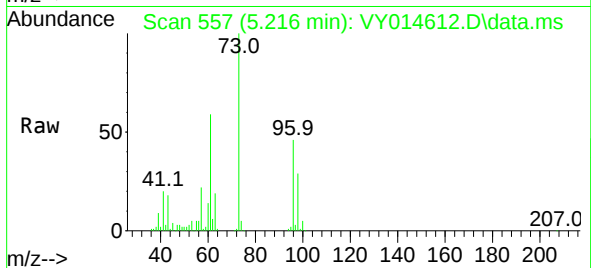
#21
trans-1,2-Dichloroethene
Concen: 44.680 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)MS



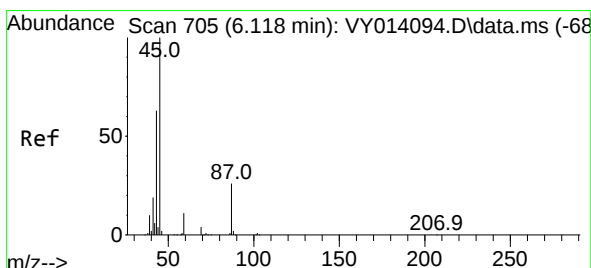
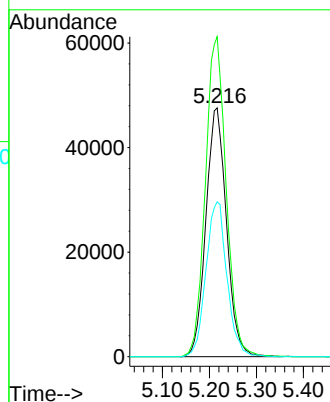
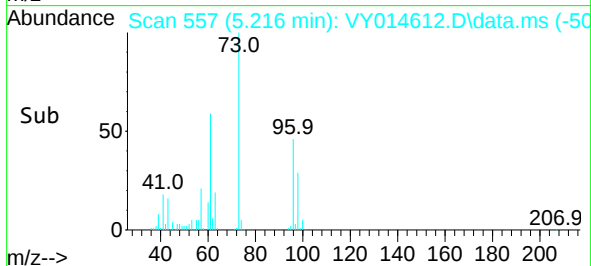
Tgt Ion: 96 Resp: 144790
Ion Ratio Lower Upper
96 100
61 128.6 110.2 165.4
98 62.3 51.8 77.6

Manual Integrations

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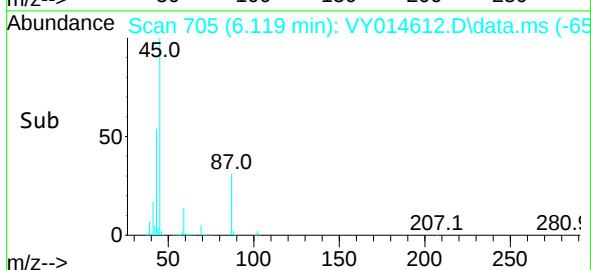
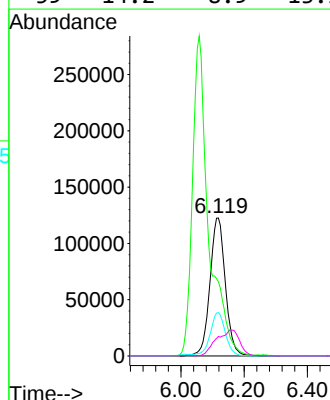
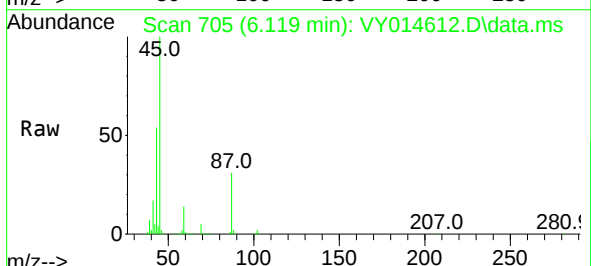
Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#22
Diisopropyl ether
Concen: 46.699 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

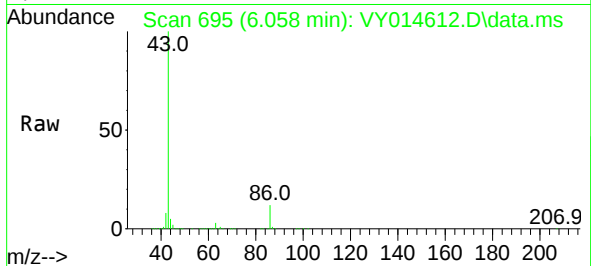
Tgt Ion: 45 Resp: 415219
Ion Ratio Lower Upper
45 100
43 53.7 52.2 78.4
87 31.4 21.0 31.6
59 14.2 8.9 13.3#





#23
 Vinyl Acetate
 Concen: 196.419 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.005 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

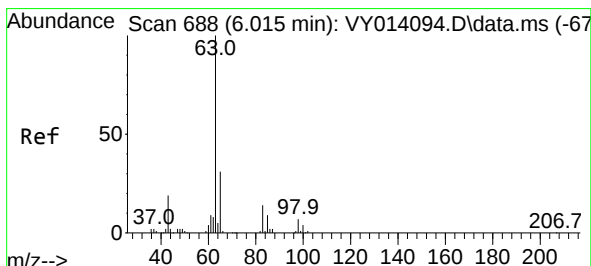
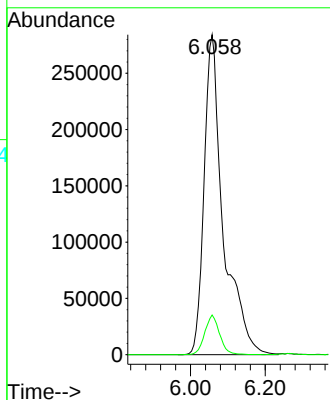
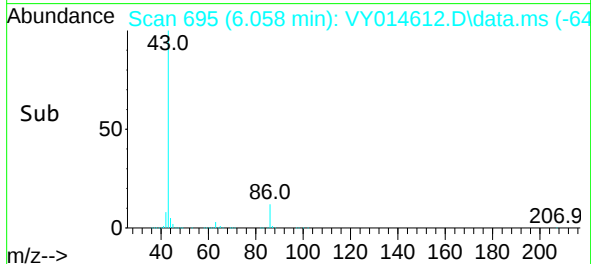
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(8-10)MS



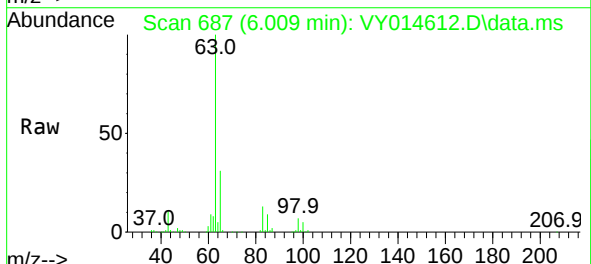
Tgt Ion: 43 Resp: 101042
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.5 11.3

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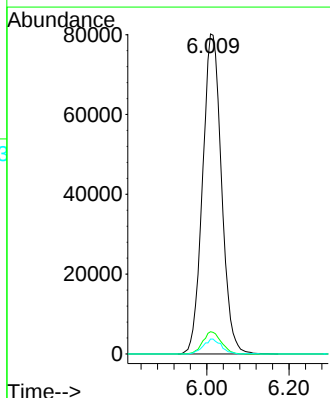
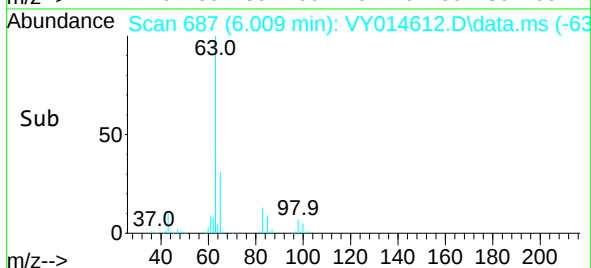
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

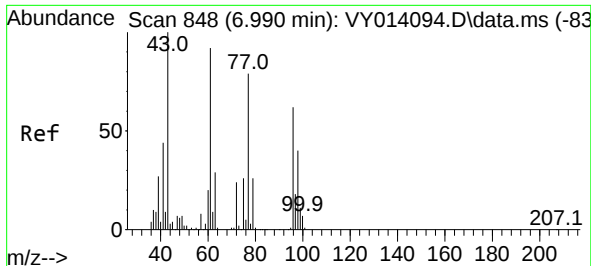


#24
 1,1-Dichloroethane
 Concen: 45.892 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55



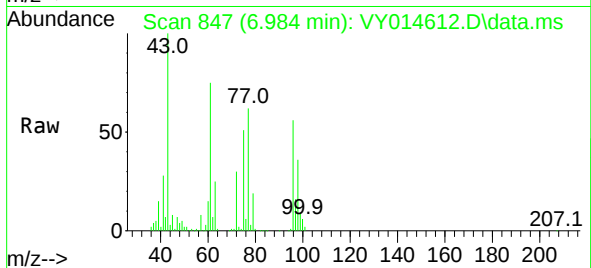
Tgt Ion: 63 Resp: 256159
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.7 1.8 5.5





#25
2-Butanone
Concen: 213.223 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

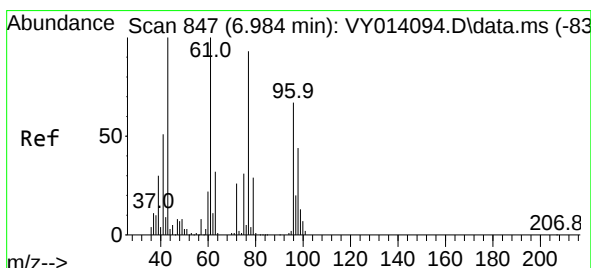
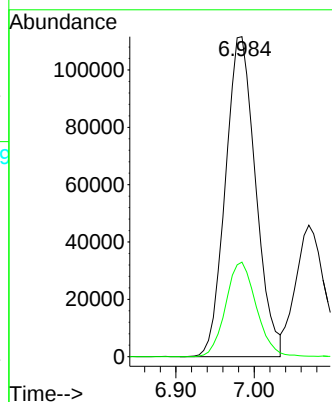
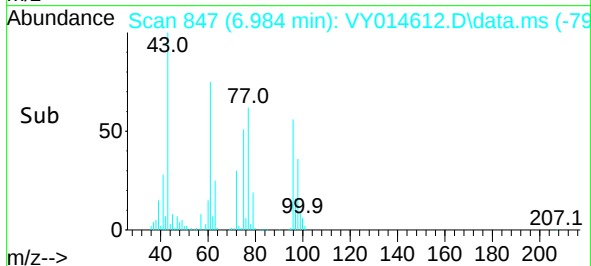
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



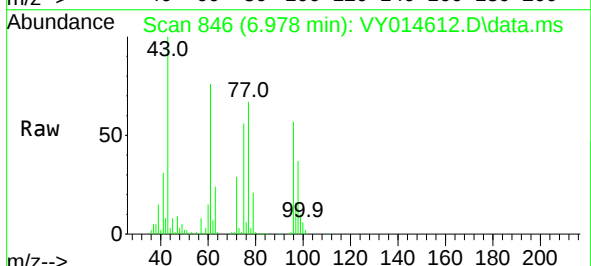
Tgt Ion: 43 Resp: 29937
Ion Ratio Lower Upper
43 100
72 29.5 20.5 30.7

Manual Integrations
APPROVED

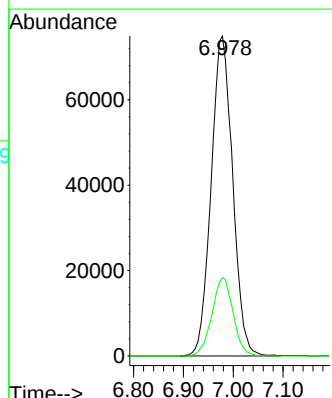
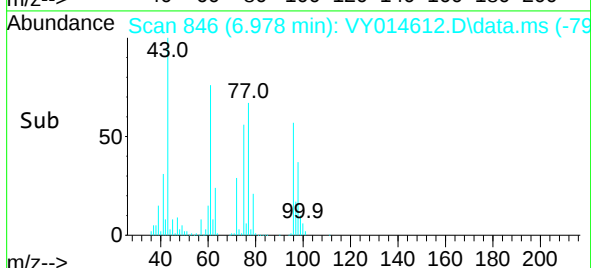
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

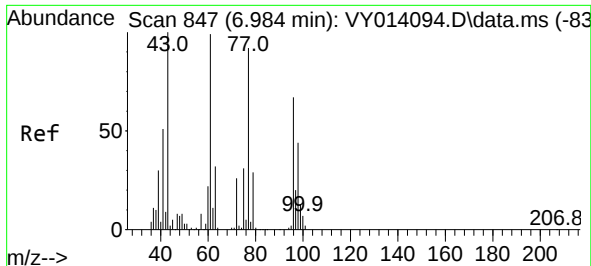


#26
2,2-Dichloropropane
Concen: 47.178 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55



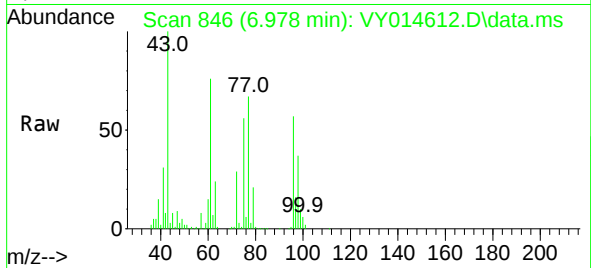
Tgt Ion: 77 Resp: 224456
Ion Ratio Lower Upper
77 100
97 24.0 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 46.446 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

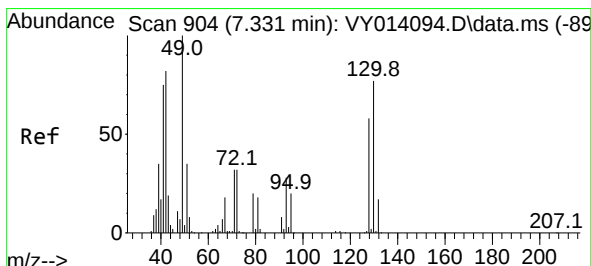
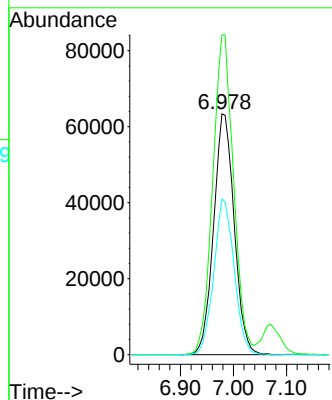
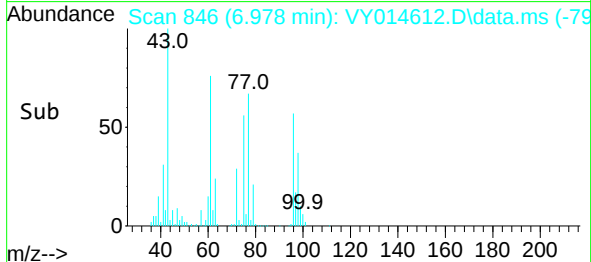
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(8-10)MS



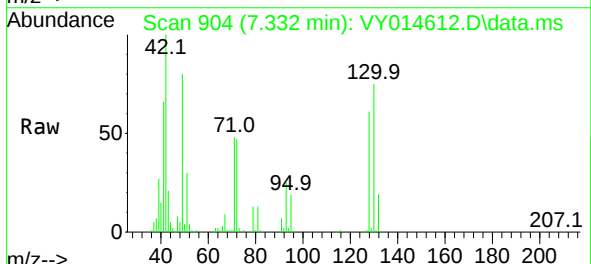
Tgt Ion: 96 Resp: 170735
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 301.4
 98 64.0 0.0 130.4

Manual Integrations
 APPROVED

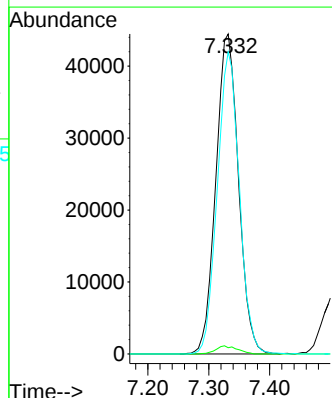
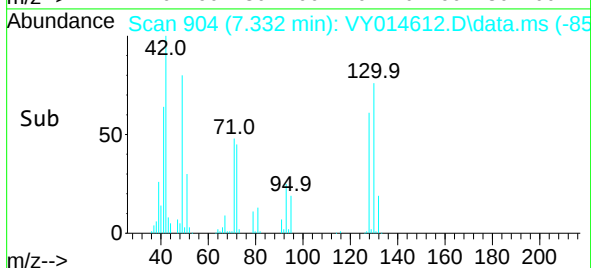
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

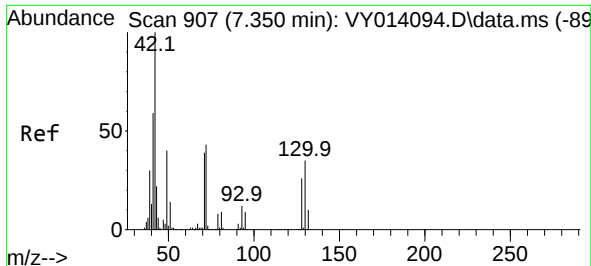


#28
 Bromochloromethane
 Concen: 48.993 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55



Tgt Ion: 49 Resp: 114831
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 91.8 60.7 91.1#





#29

Tetrahydrofuran

Concen: 211.346 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY014612.D

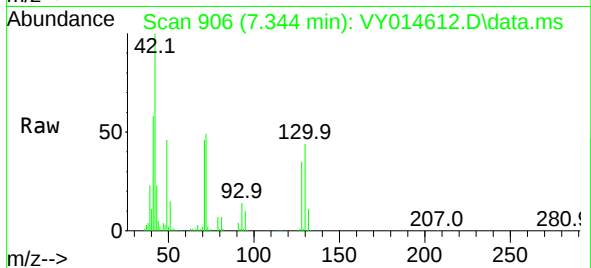
Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)MS



Tgt Ion: 42 Resp: 191400

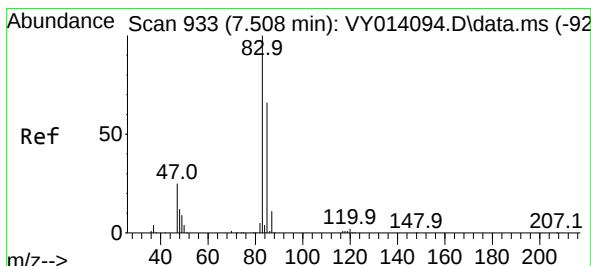
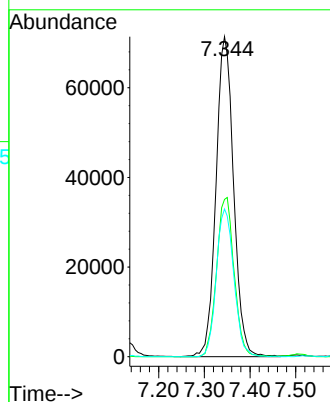
Ion	Ratio	Lower	Upper
42	100		
72	49.5	32.8	49.2
71	46.0	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#30

Chloroform

Concen: 46.735 ug/l

RT: 7.503 min Scan# 932

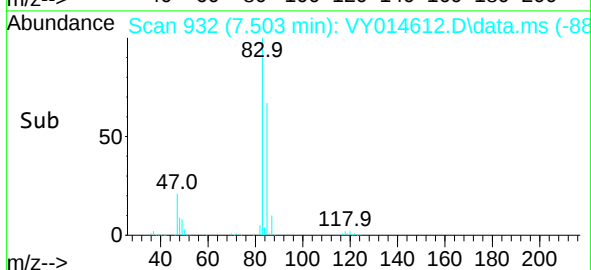
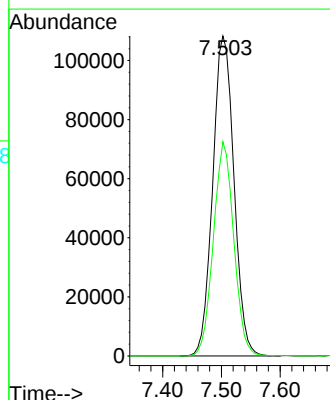
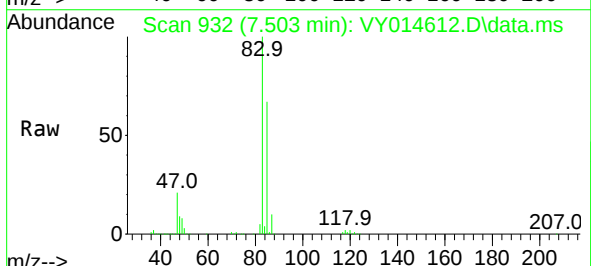
Delta R.T. -0.005 min

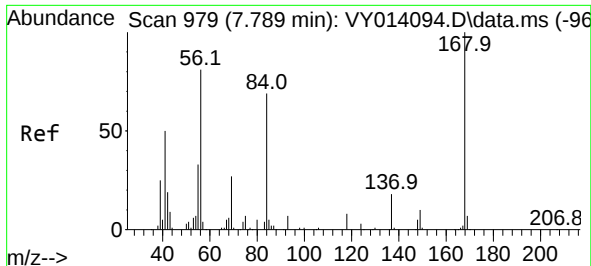
Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Tgt Ion: 83 Resp: 272124

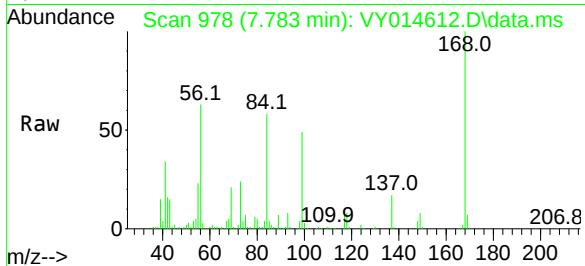
Ion	Ratio	Lower	Upper
83	100		
85	67.0	49.7	74.5





#31
Cyclohexane
Concen: 42.148 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

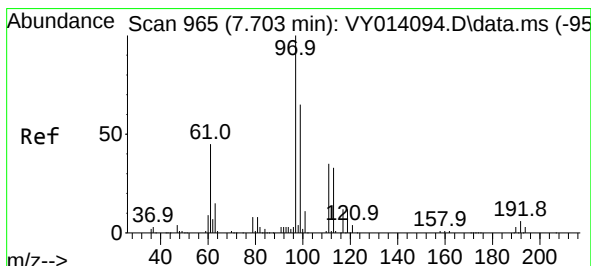
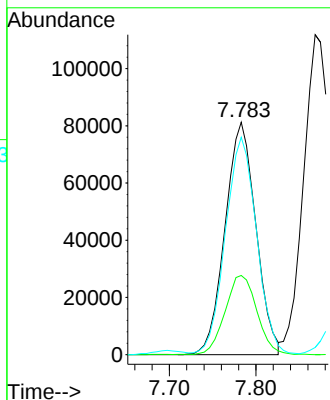
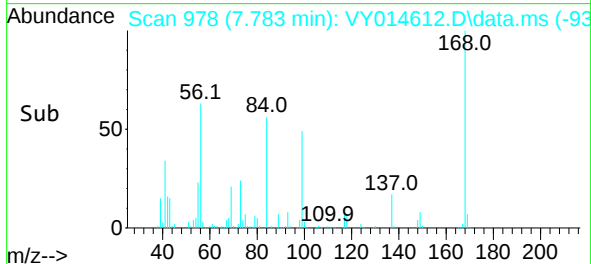
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



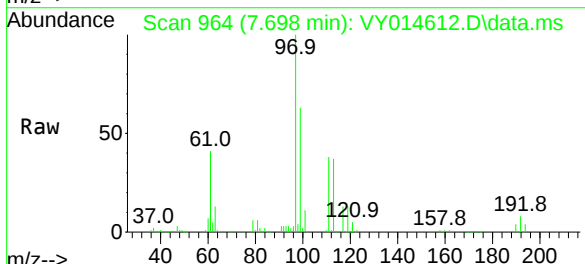
Tgt Ion: 56 Resp: 200778
Ion Ratio Lower Upper
56 100
69 33.9 27.8 41.6
84 92.1 66.4 99.6

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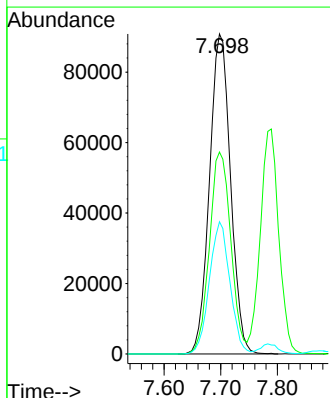
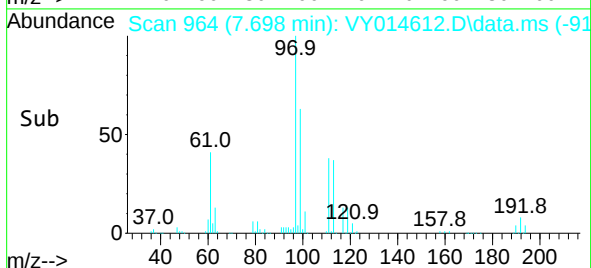
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

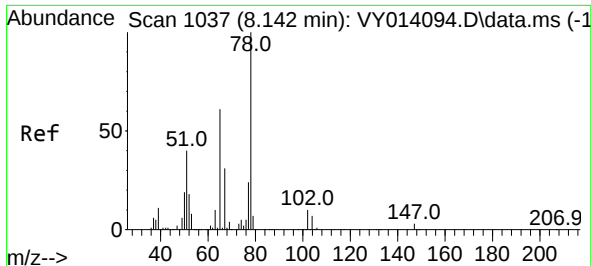


#32
1,1,1-Trichloroethane
Concen: 47.068 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55



Tgt Ion: 97 Resp: 234258
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 40.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.142 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)MS

Tgt Ion: 65 Resp: 14617

Ion Ratio Lower Upper

65 100

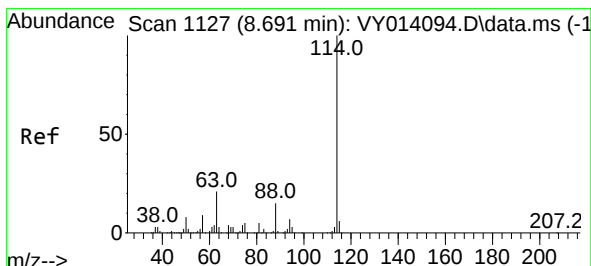
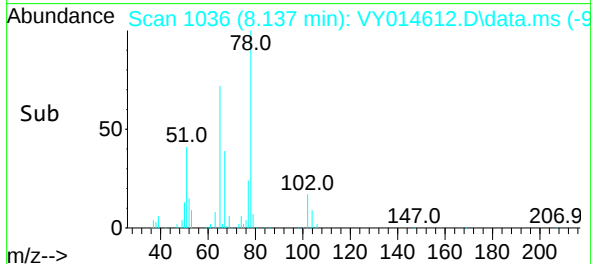
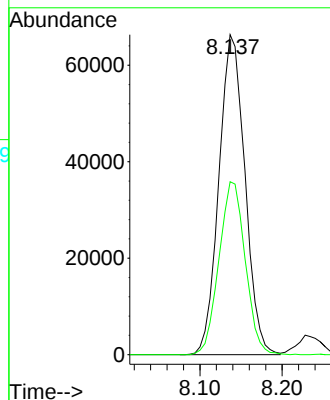
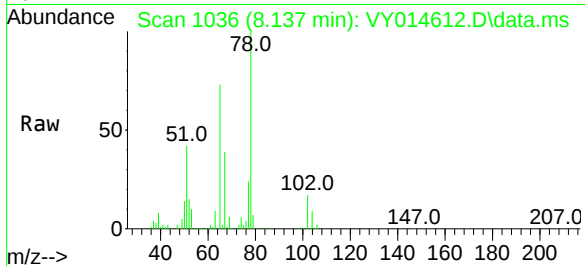
67 54.5 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

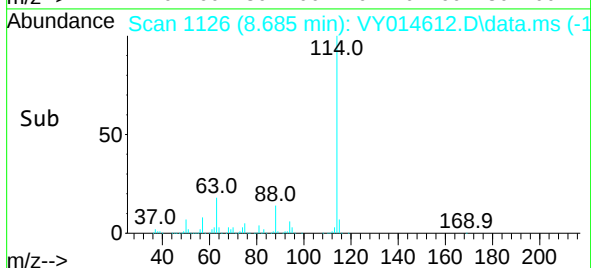
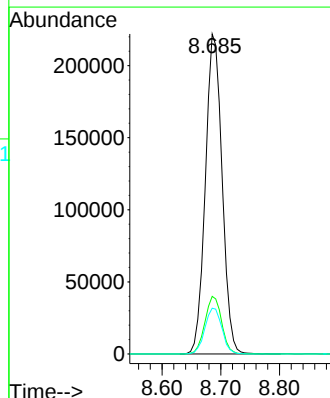
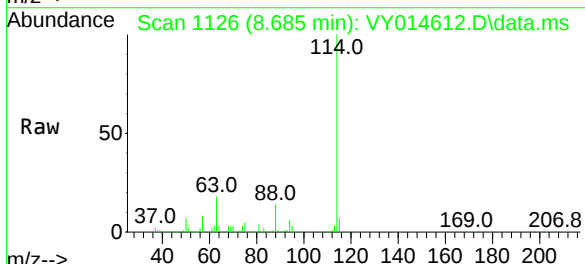
Tgt Ion:114 Resp: 439341

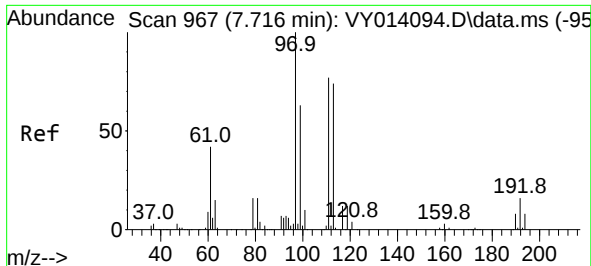
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

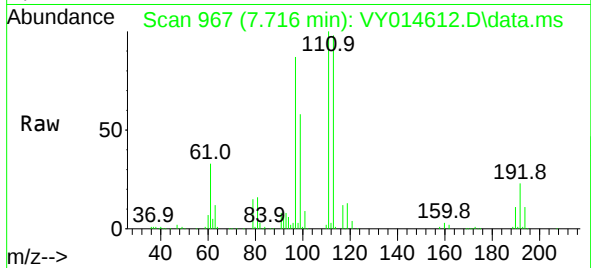
88 14.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.296 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

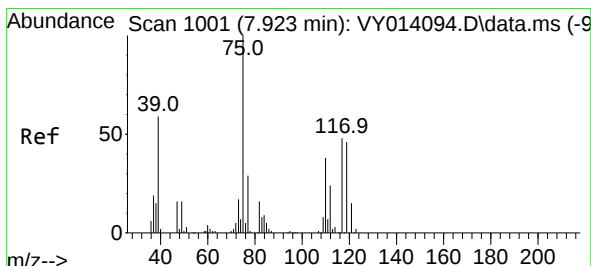
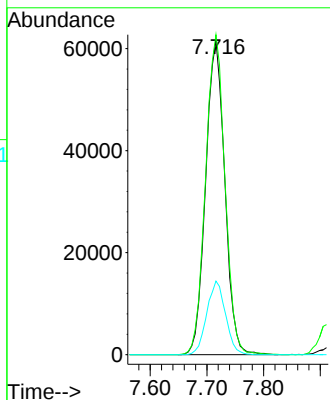
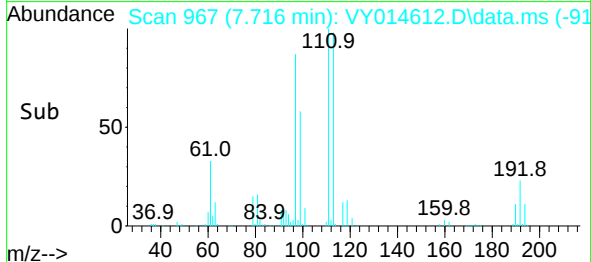
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



Tgt Ion:113 Resp: 144192
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 23.0 16.9 25.3

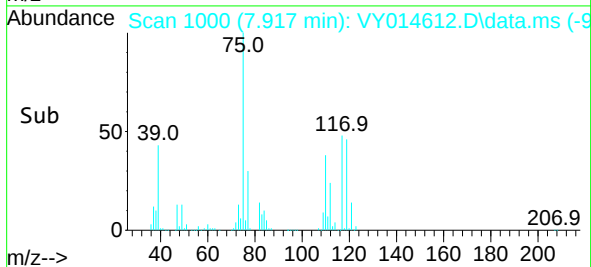
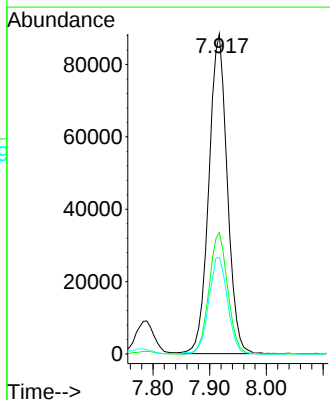
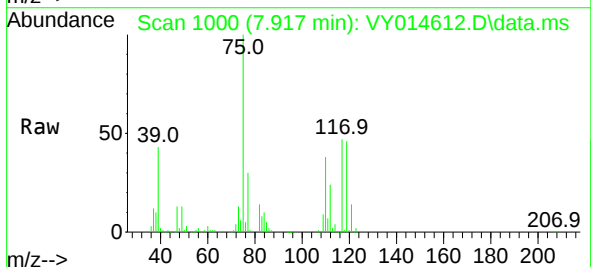
Manual Integrations
APPROVED

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



#36
1,1-Dichloropropene
Concen: 47.998 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

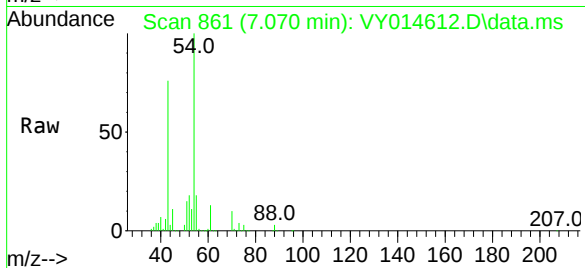
Tgt Ion: 75 Resp: 198866
Ion Ratio Lower Upper
75 100
110 38.3 17.8 53.5
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 42.269 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

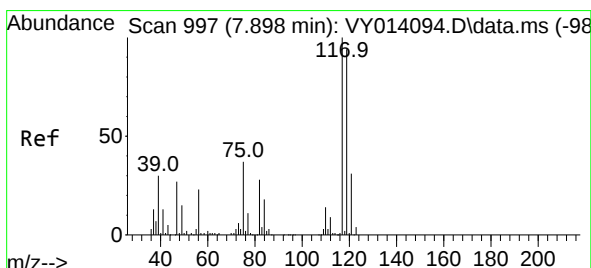
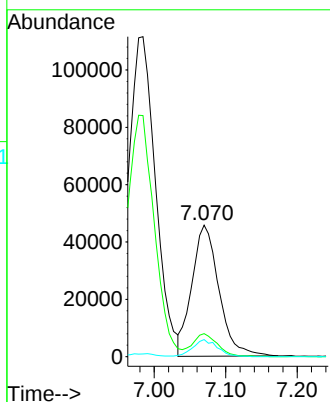
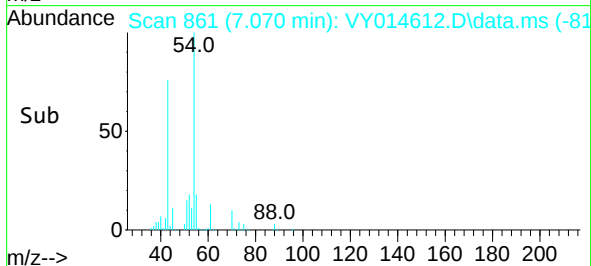
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



Tgt Ion: 43 Resp: 12010
Ion Ratio Lower Upper
43 100
61 16.3 10.1 15.1
70 11.8 7.1 10.7

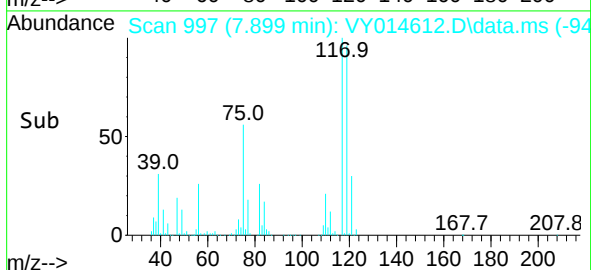
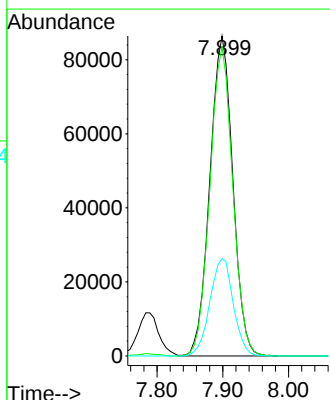
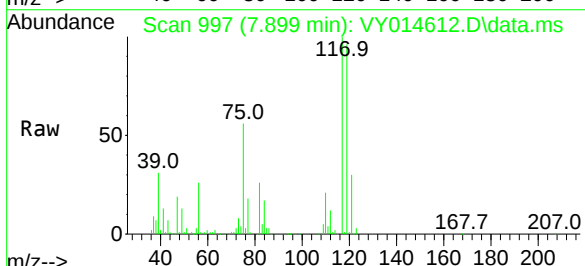
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 48.593 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion:117 Resp: 210168
Ion Ratio Lower Upper
117 100
119 96.4 76.4 114.6
121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 42.386 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)MS

Tgt Ion: 83 Resp: 209908

Ion Ratio Lower Upper

83 100

55 71.0 63.0 94.4

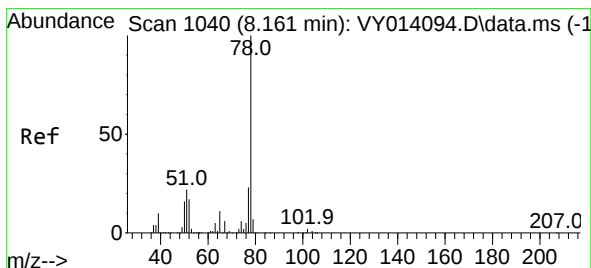
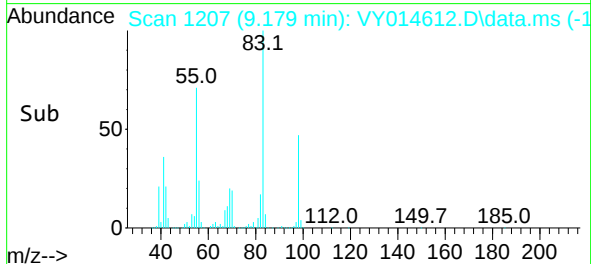
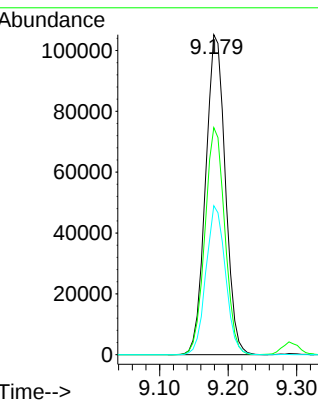
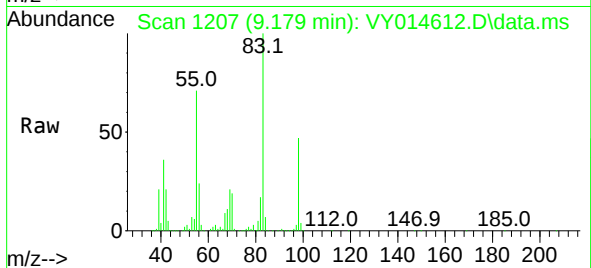
98 46.5 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#40

Benzene

Concen: 46.900 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014612.D

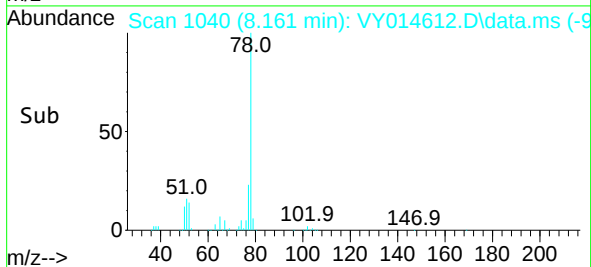
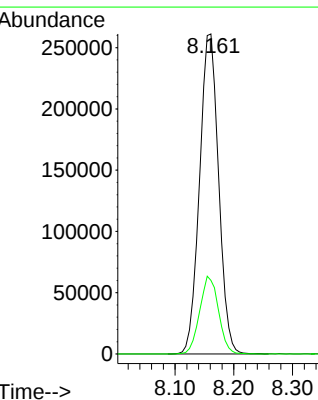
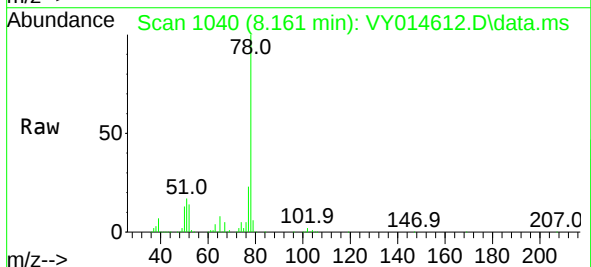
Acq: 10 Jul 2023 12:55

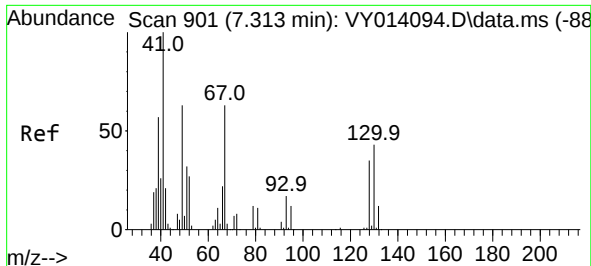
Tgt Ion: 78 Resp: 588203

Ion Ratio Lower Upper

78 100

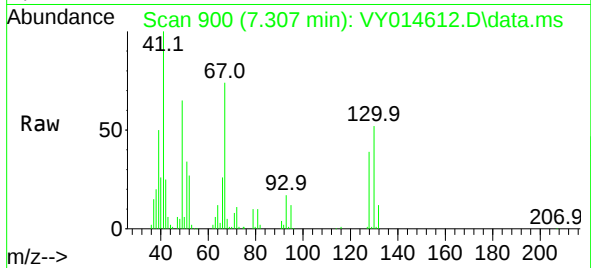
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 40.645 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

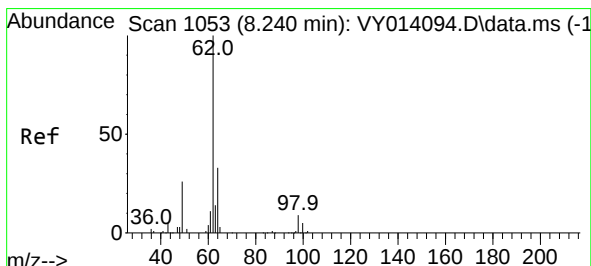
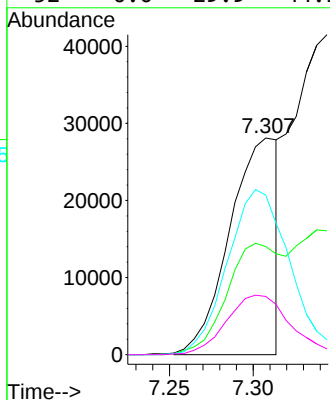
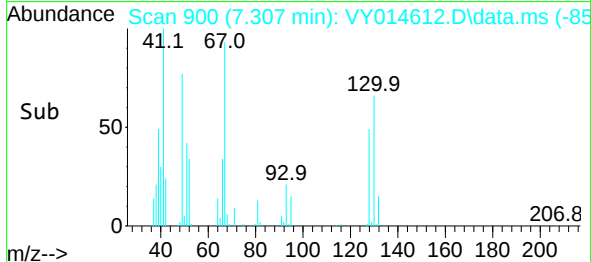
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



Tgt Ion: 41 Resp: 56420
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

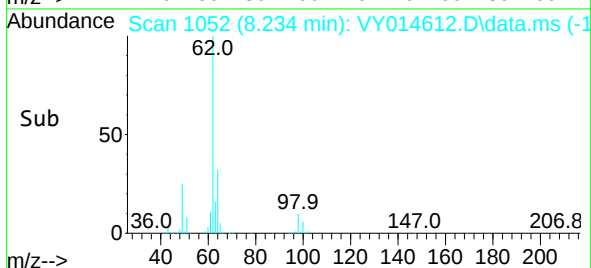
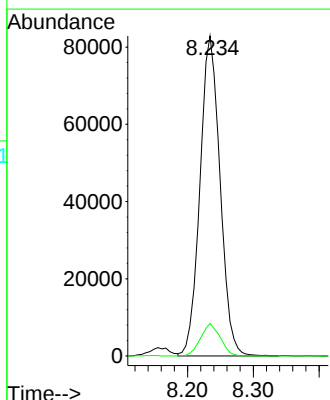
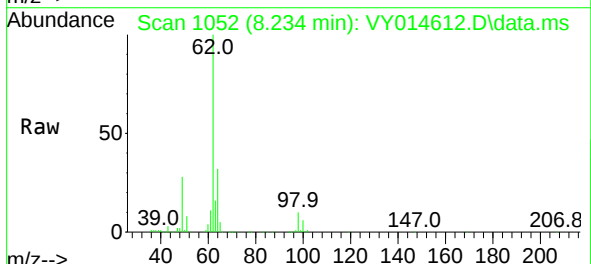
Manual Integrations
APPROVED

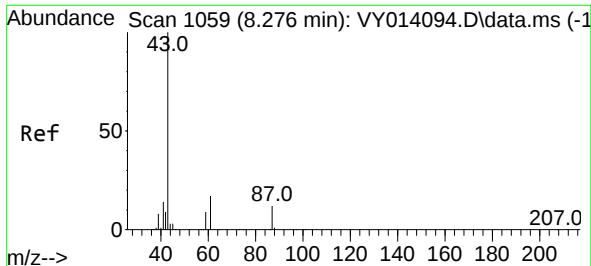
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#42
1,2-Dichloroethane
Concen: 47.812 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

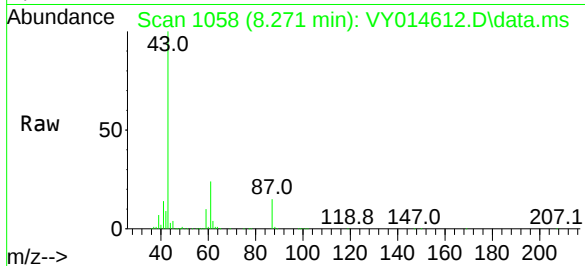
Tgt Ion: 62 Resp: 176249
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 44.539 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

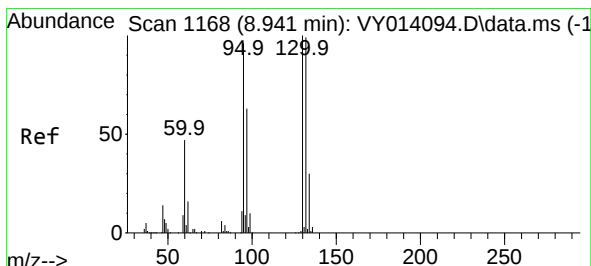
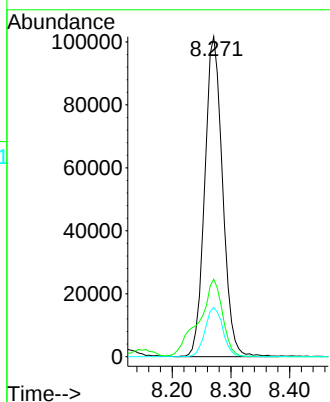
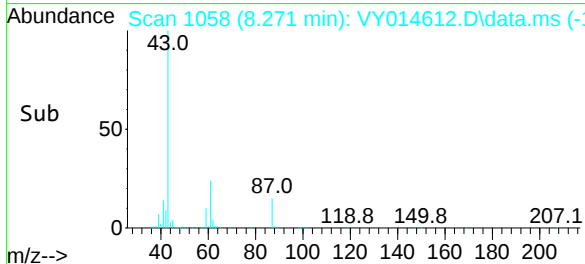
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



Tgt Ion: 43 Resp: 214460
Ion Ratio Lower Upper
43 100
61 32.0 21.1 31.7
87 15.4 9.8 14.8

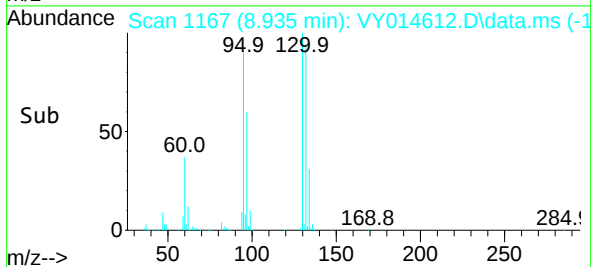
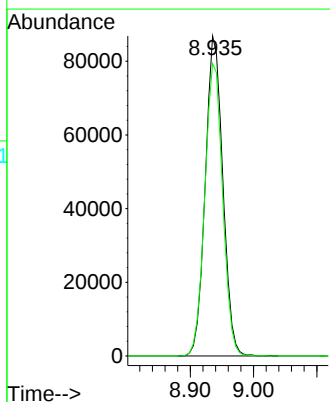
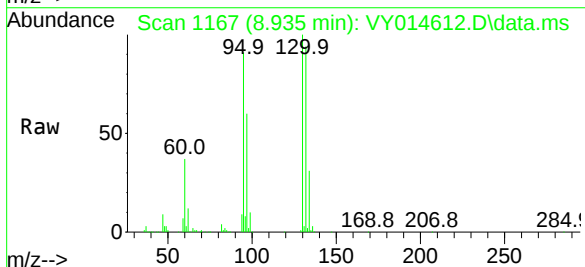
Manual Integrations
APPROVED

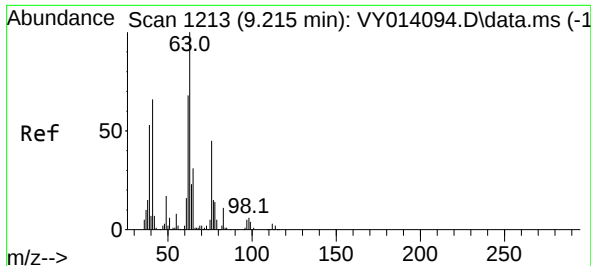
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#44
Trichloroethene
Concen: 47.894 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion:130 Resp: 167457
Ion Ratio Lower Upper
130 100
95 91.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 47.822 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)MS

Tgt Ion: 63 Resp: 15386

Ion Ratio Lower Upper

63 100

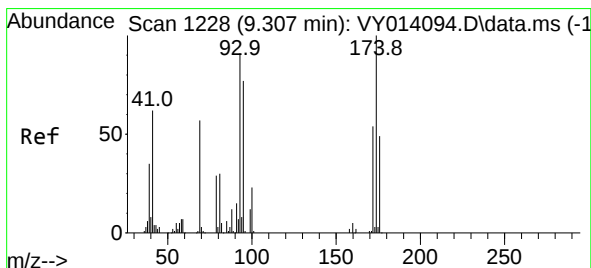
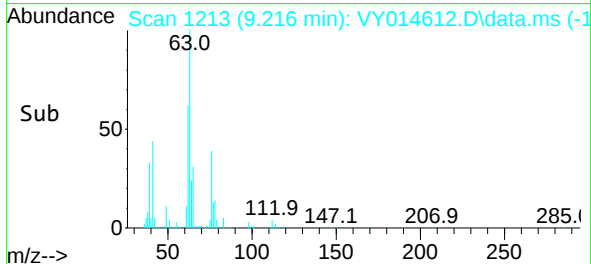
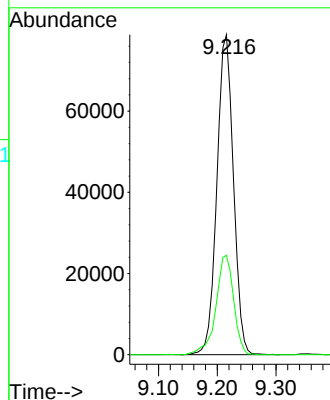
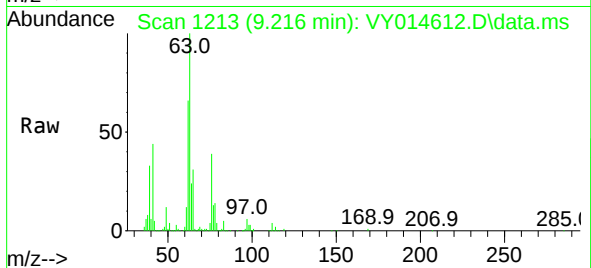
65 31.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#46

Dibromomethane

Concen: 47.722 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

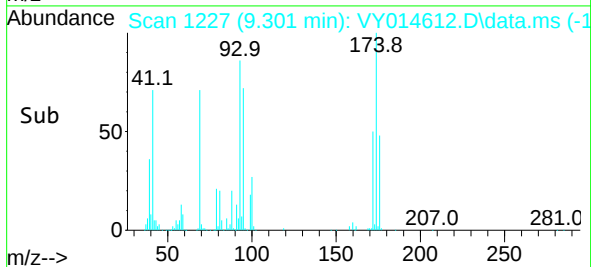
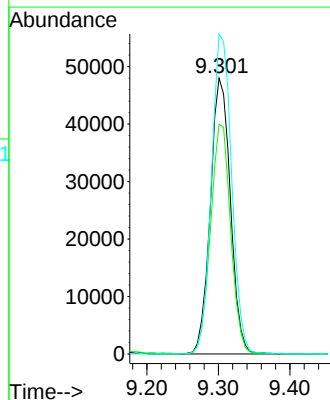
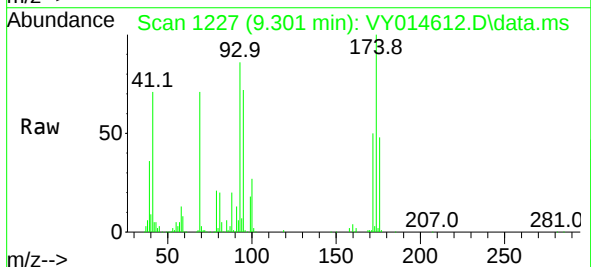
Tgt Ion: 93 Resp: 93472

Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

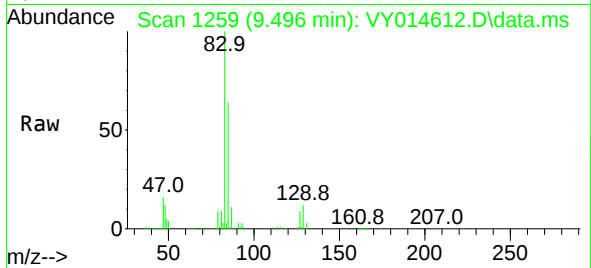
174 116.5 84.8 127.2





#47
Bromodichloromethane
Concen: 48.685 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

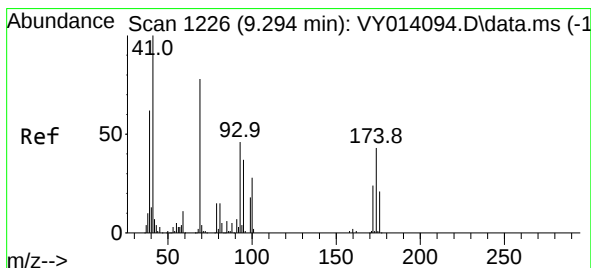
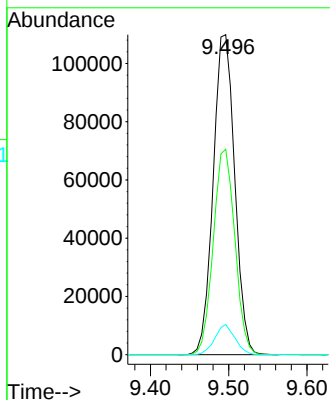
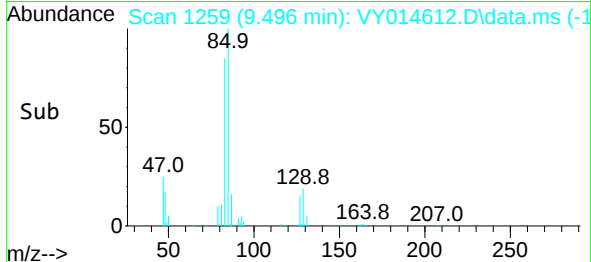
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



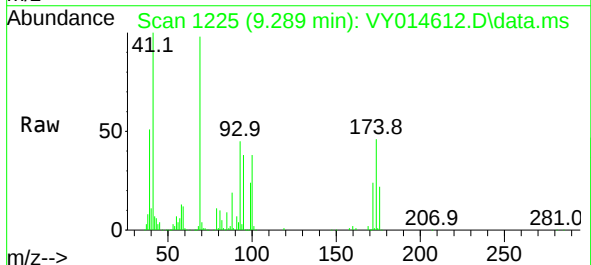
Tgt Ion: 83 Resp: 210110
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 9.4 7.1 10.7

Manual Integrations
APPROVED

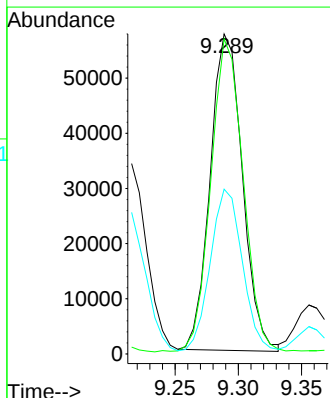
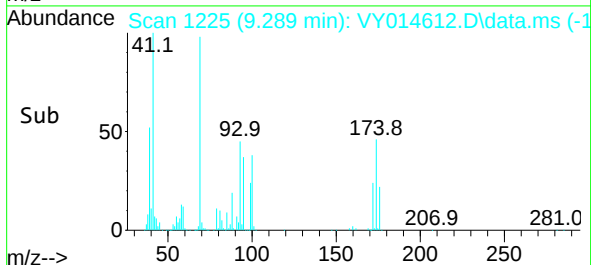
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

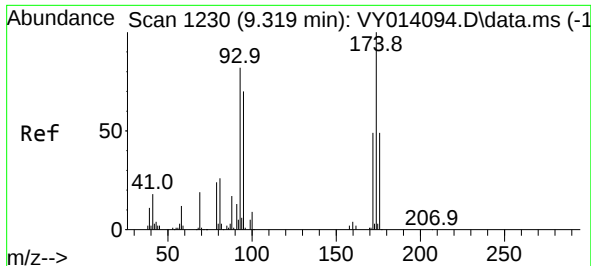


#48
Methyl methacrylate
Concen: 46.361 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55



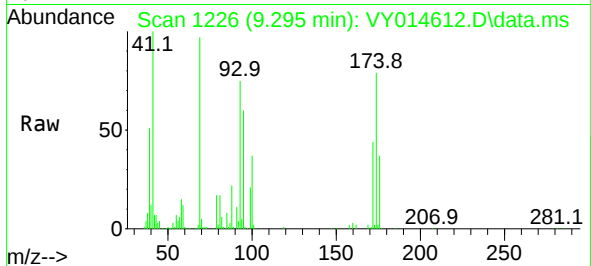
Tgt Ion: 41 Resp: 101516
Ion Ratio Lower Upper
41 100
69 99.6 64.5 96.7#
39 53.0 50.8 76.2





#49
1,4-Dioxane
Concen: 883.950 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.024 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

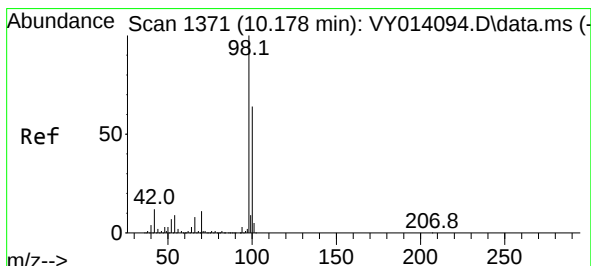
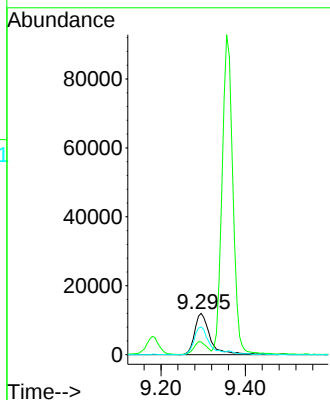
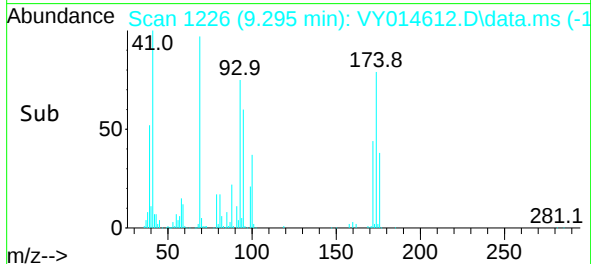
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



Tgt Ion: 88 Resp: 3091
Ion Ratio Lower Upper
88 100
43 26.6 0.0 0.0
58 62.5 30.9 46.3

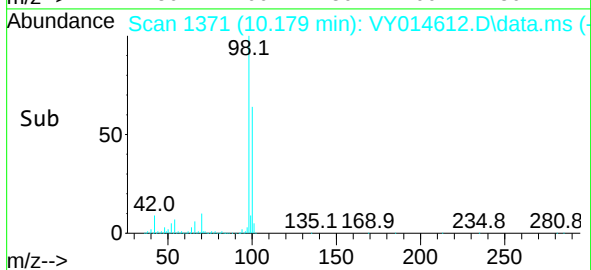
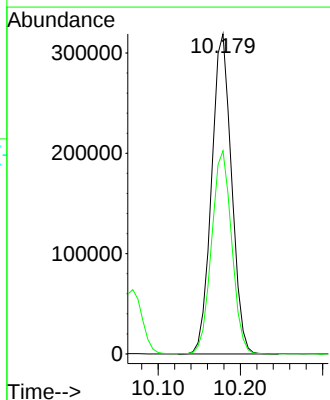
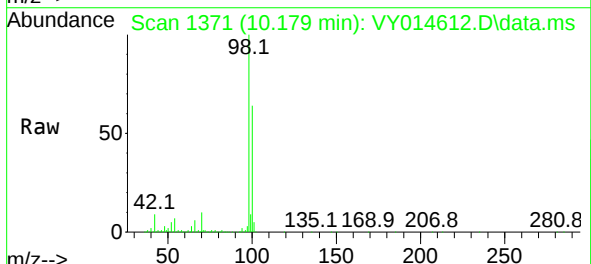
Manual Integrations
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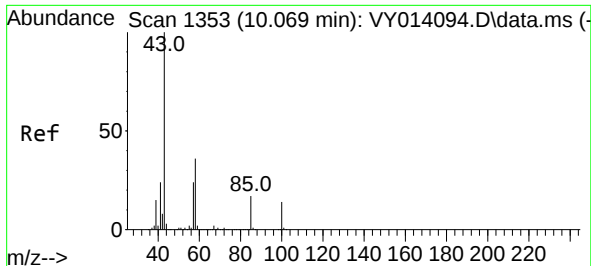
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#50
Toluene-d8
Concen: 50.365 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

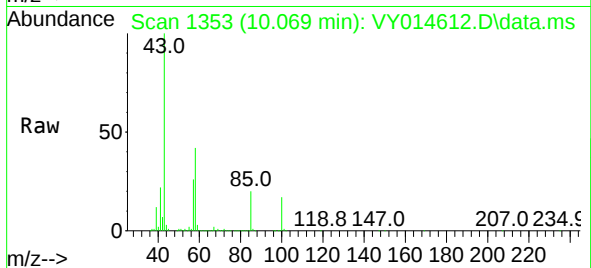
Tgt Ion: 98 Resp: 538662
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 223.884 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

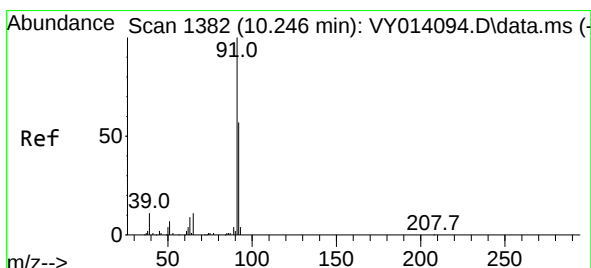
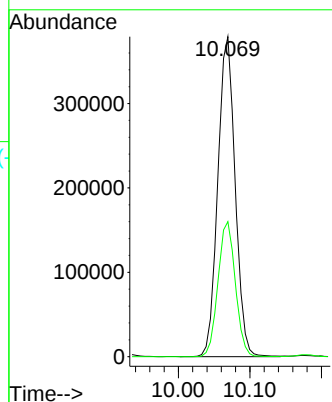
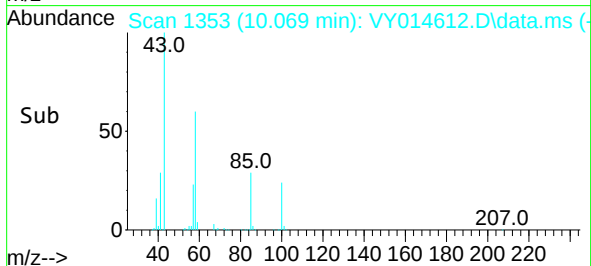
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



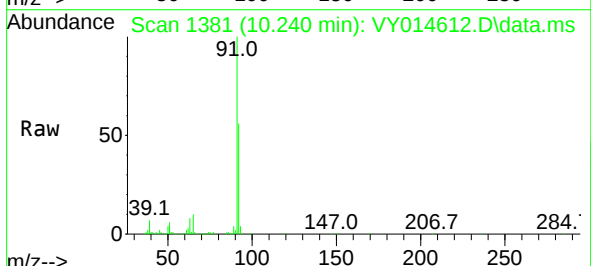
Tgt Ion: 43 Resp: 638234
Ion Ratio Lower Upper
43 100
58 42.3 29.0 43.6

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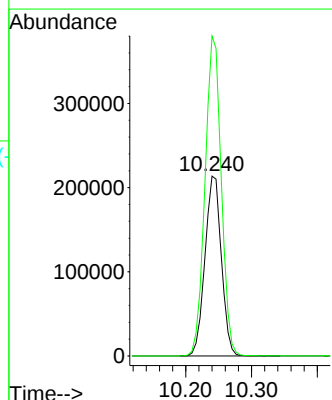
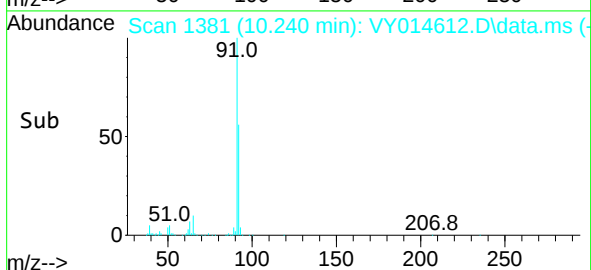
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

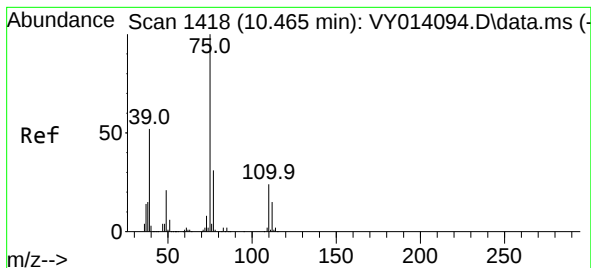


#52
Toluene
Concen: 46.978 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55



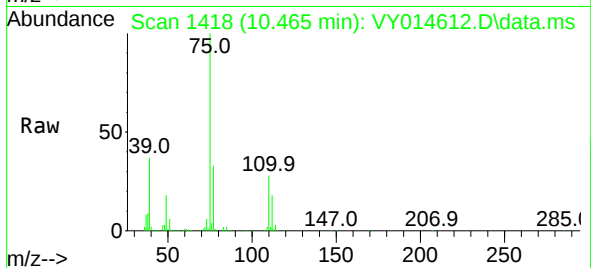
Tgt Ion: 92 Resp: 370766
Ion Ratio Lower Upper
92 100
91 176.4 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 47.497 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

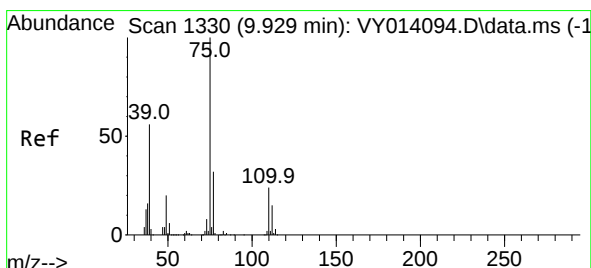
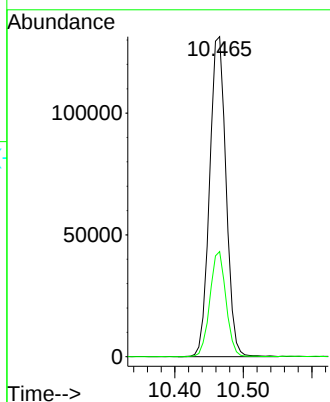
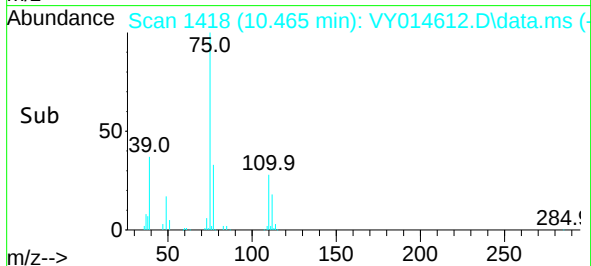
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(8-10)MS



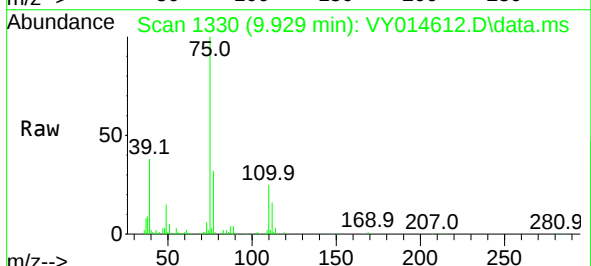
Tgt Ion: 75 Resp: 219199
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.4

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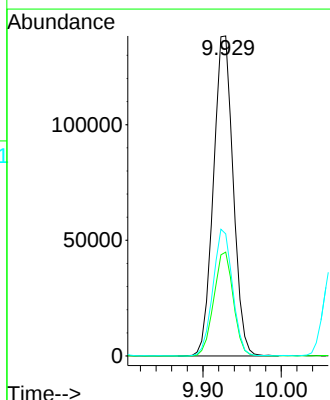
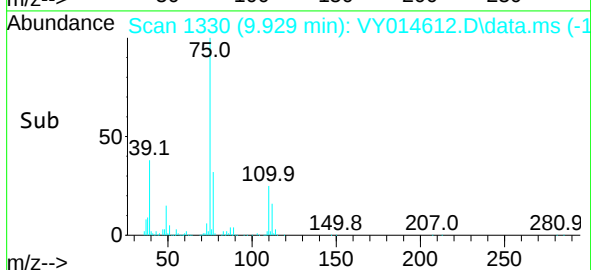
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

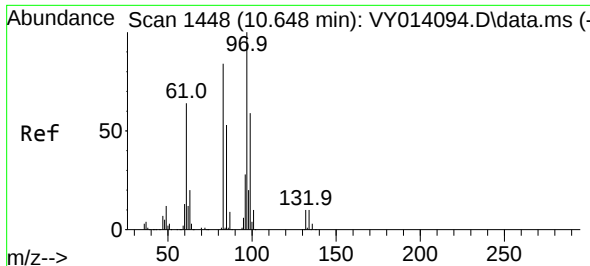


#54
 cis-1,3-Dichloropropene
 Concen: 47.171 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55



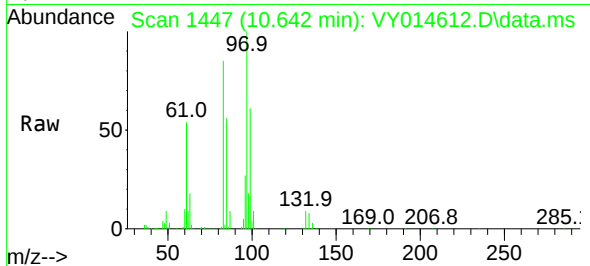
Tgt Ion: 75 Resp: 242892
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.2 36.4
 39 38.1 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 47.853 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

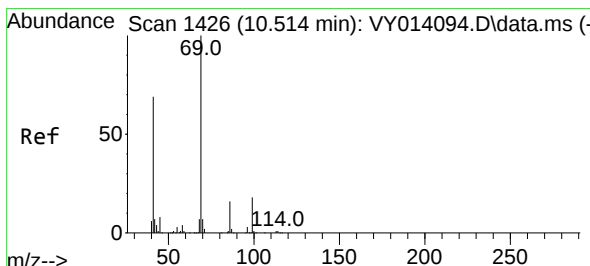
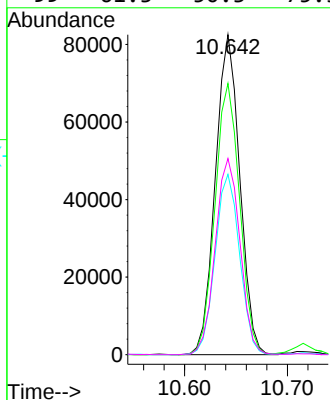
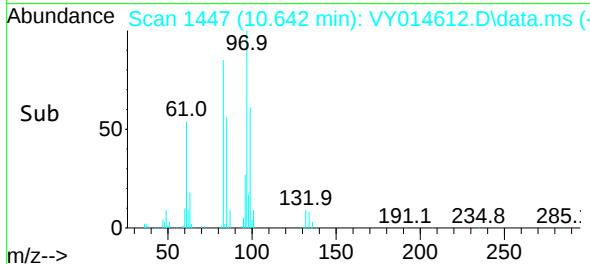
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



Tgt Ion: 97 Resp: 136384
Ion Ratio Lower Upper
97 100
83 84.8 72.0 108.0
85 56.3 45.4 68.0
99 61.3 50.3 75.5

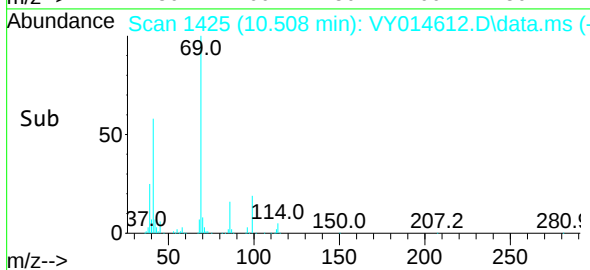
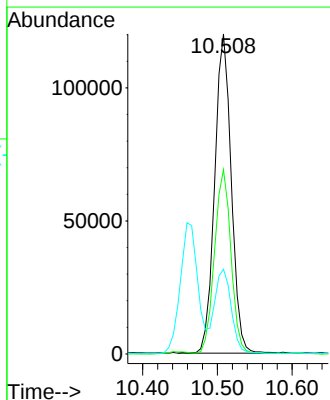
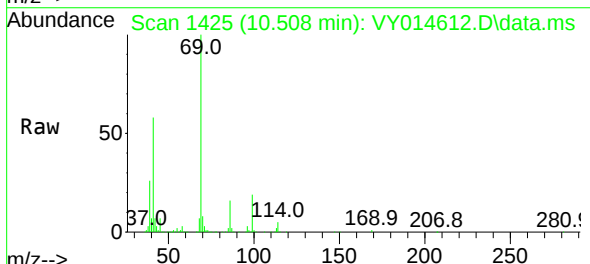
Manual Integrations
APPROVED

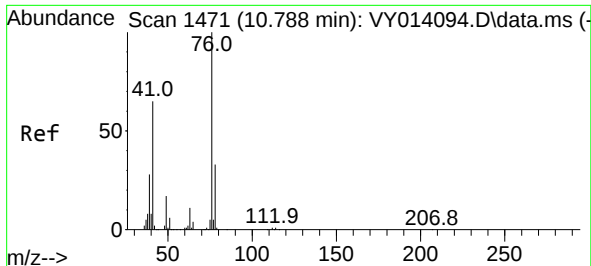
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#56
Ethyl methacrylate
Concen: 47.656 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion: 69 Resp: 184760
Ion Ratio Lower Upper
69 100
41 56.8 57.6 86.4#
39 27.5 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 47.480 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)MS

Tgt Ion: 76 Resp: 220488

Ion Ratio Lower Upper

76 100

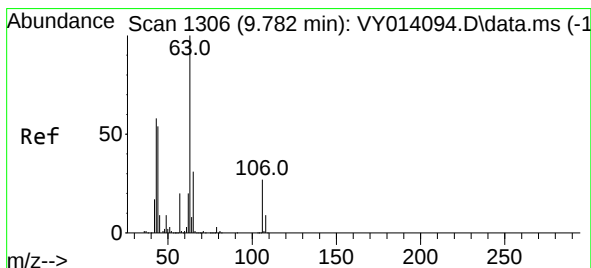
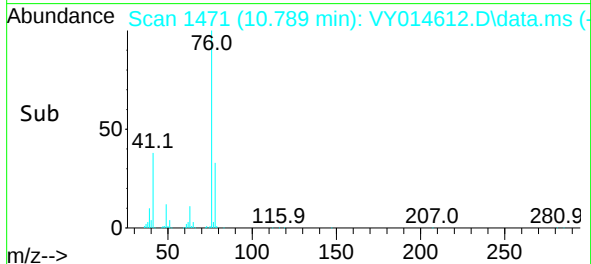
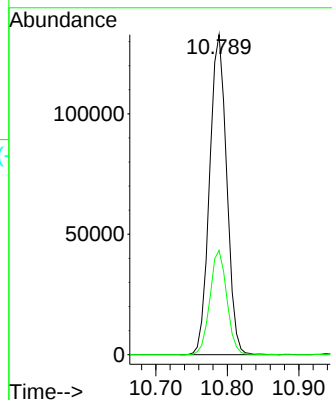
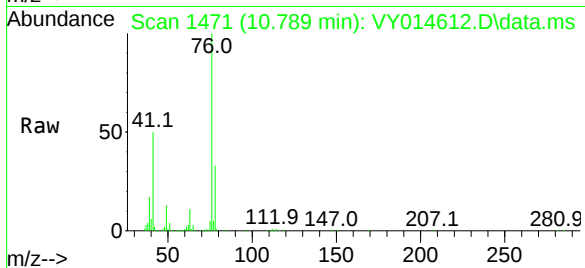
78 32.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 258.675 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014612.D

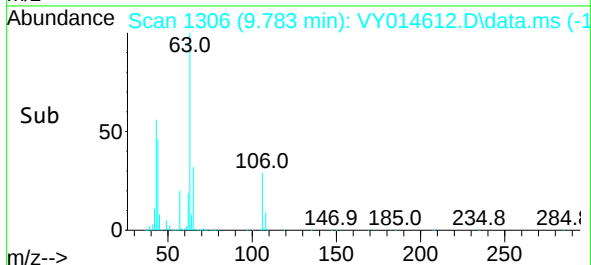
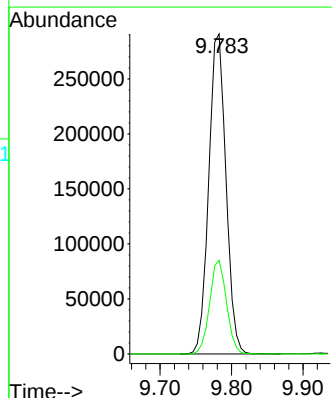
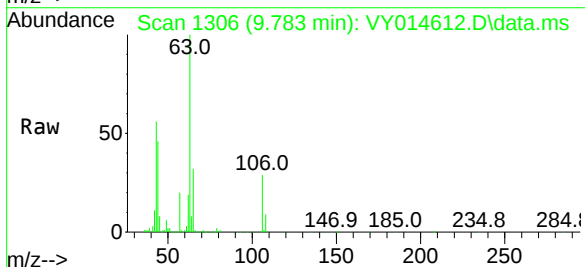
Acq: 10 Jul 2023 12:55

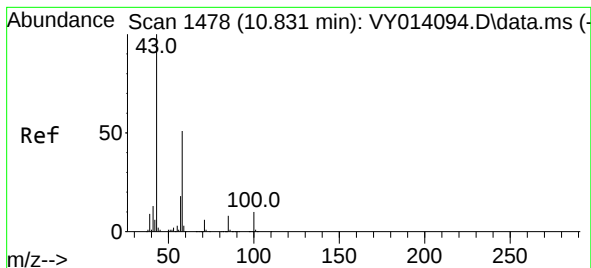
Tgt Ion: 63 Resp: 485844

Ion Ratio Lower Upper

63 100

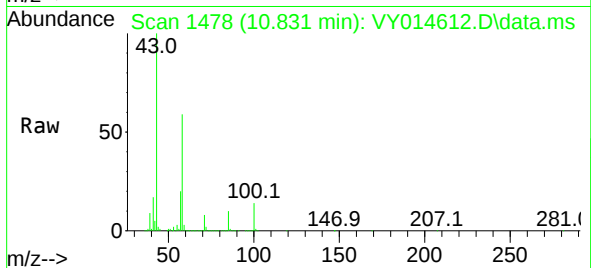
106 28.8 21.2 31.8





#59
2-Hexanone
Concen: 231.506 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

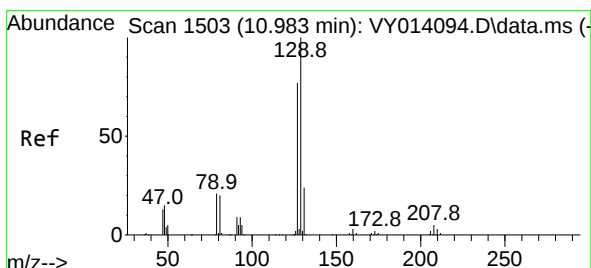
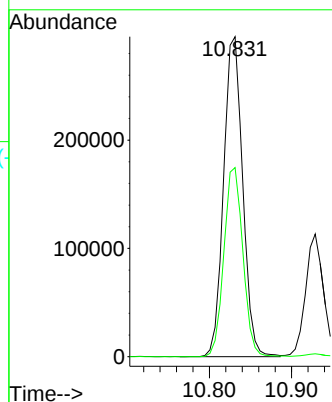
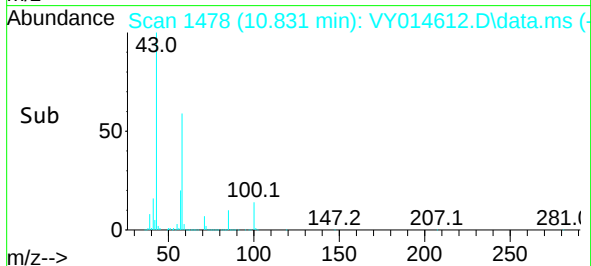
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



Tgt Ion: 43 Resp: 476730
Ion Ratio Lower Upper
43 100
58 58.8 25.1 75.3

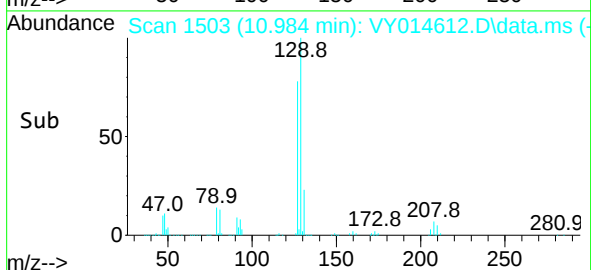
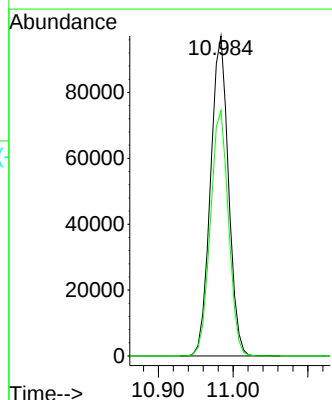
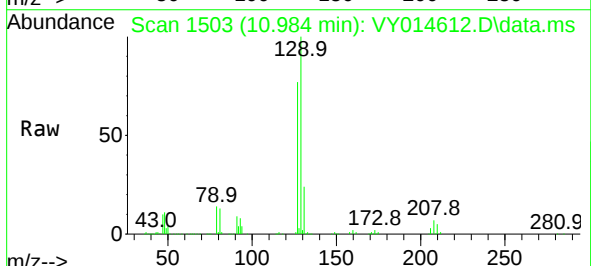
Manual Integrations
APPROVED

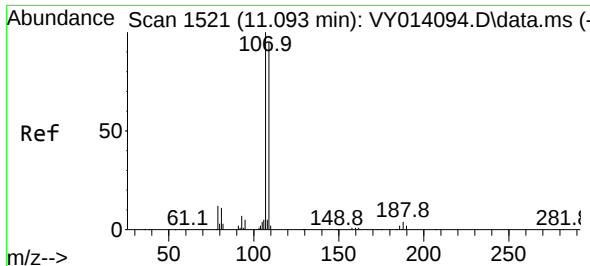
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
Dibromochloromethane
Concen: 48.502 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

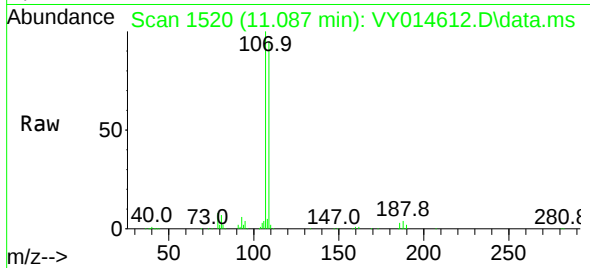
Tgt Ion:129 Resp: 161978
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 47.660 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

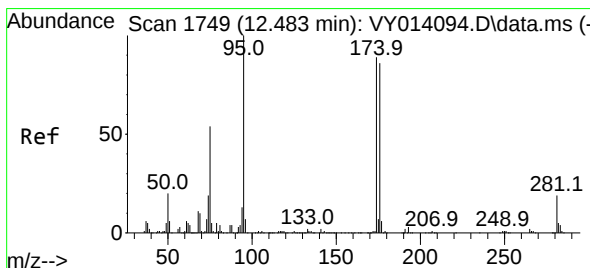
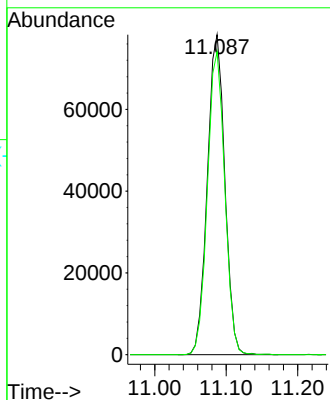
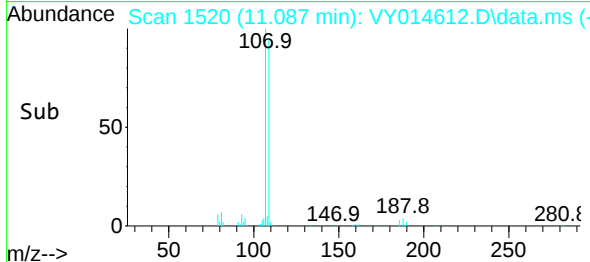
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



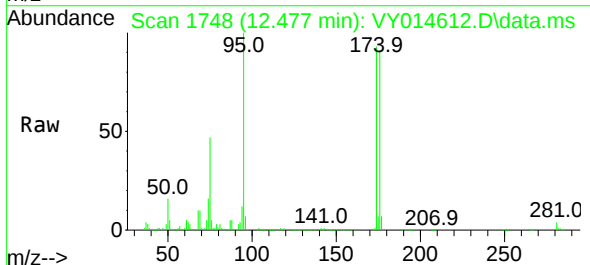
Tgt Ion:107 Resp: 132612
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4

Manual Integrations
APPROVED

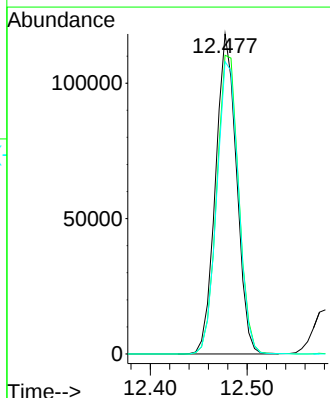
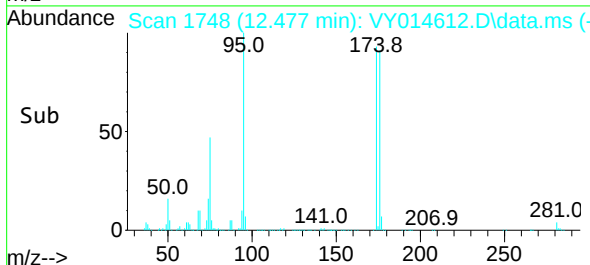
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#62
4-Bromofluorobenzene
Concen: 47.914 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55



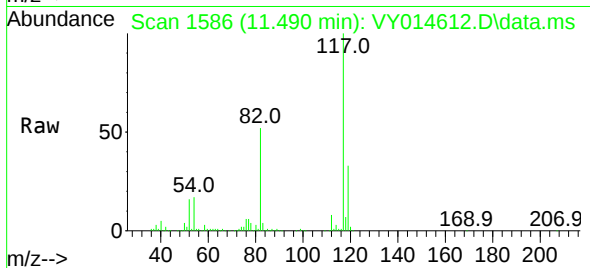
Tgt Ion: 95 Resp: 177942
Ion Ratio Lower Upper
95 100
174 97.2 0.0 178.2
176 94.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

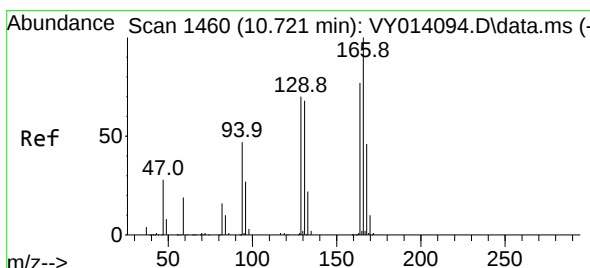
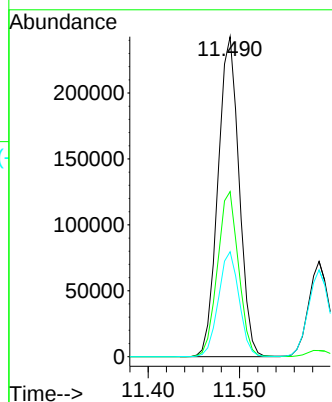
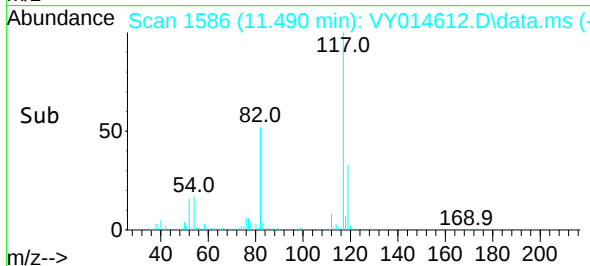
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



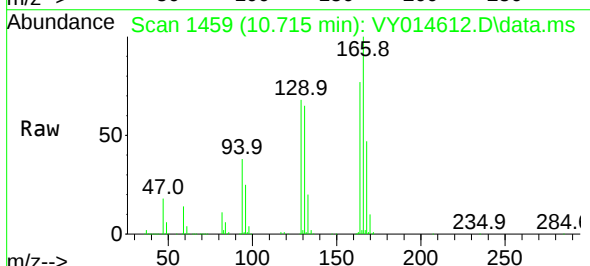
Tgt Ion:117 Resp: 38989
Ion Ratio Lower Upper
117 100
82 51.6 43.4 65.0
119 32.7 26.3 39.5

Manual Integrations
APPROVED

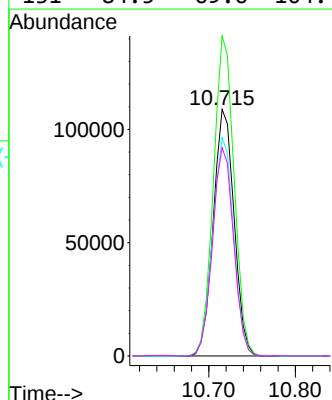
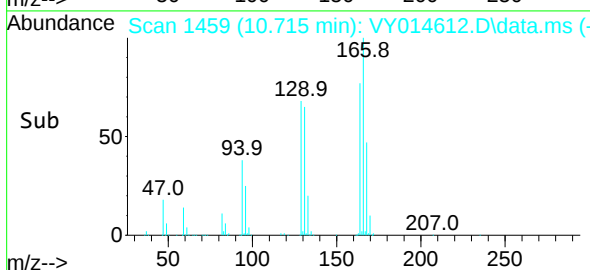
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

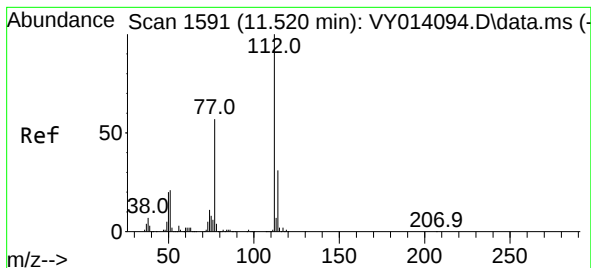


#64
Tetrachloroethene
Concen: 52.159 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55



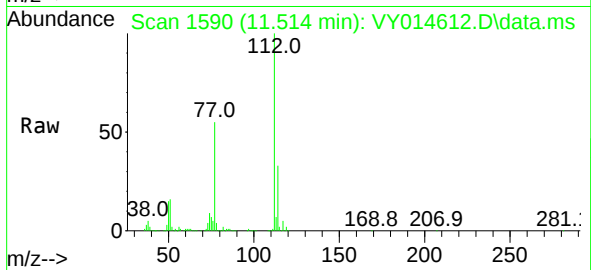
Tgt Ion:164 Resp: 181795
Ion Ratio Lower Upper
164 100
166 129.8 103.0 154.6
129 88.6 77.2 115.8
131 84.5 69.6 104.4





#65
Chlorobenzene
Concen: 48.284 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

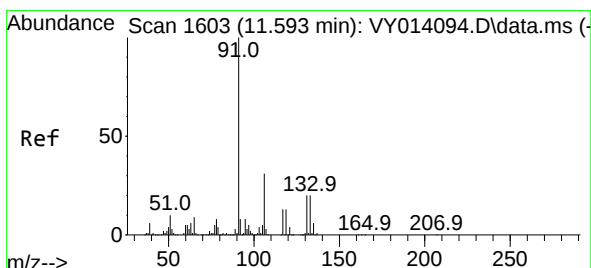
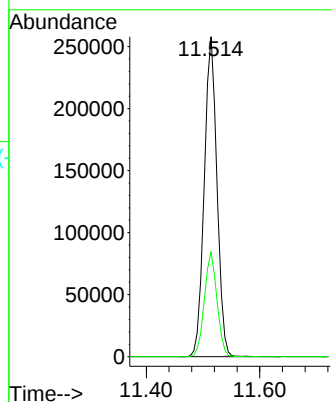
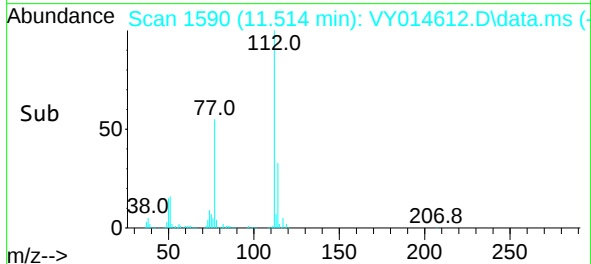
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



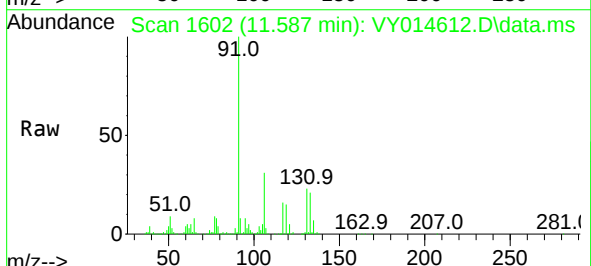
Tgt Ion:112 Resp: 401192
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

Manual Integrations
APPROVED

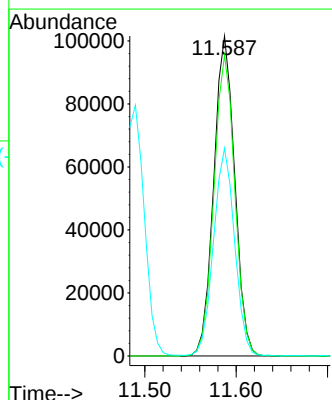
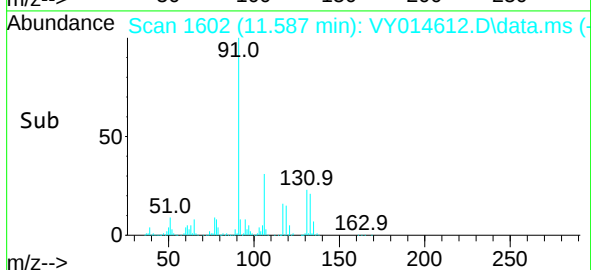
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

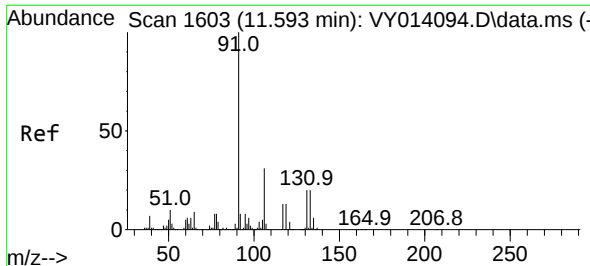


#66
1,1,1,2-Tetrachloroethane
Concen: 51.208 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55



Tgt Ion:131 Resp: 161719
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.6
119 65.7 31.6 94.7





#67

Ethyl Benzene

Concen: 48.848 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)MS

Tgt Ion: 91 Resp: 69215

Ion Ratio Lower Upper

91 100

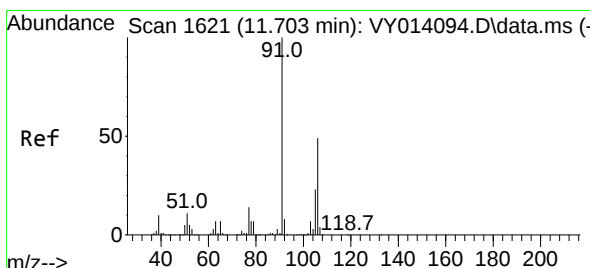
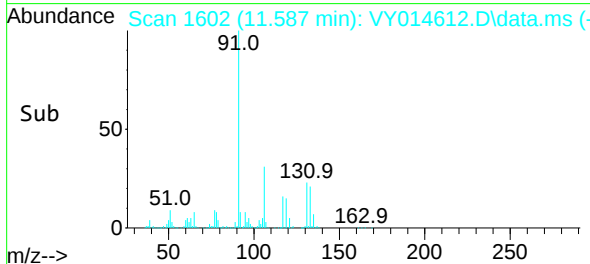
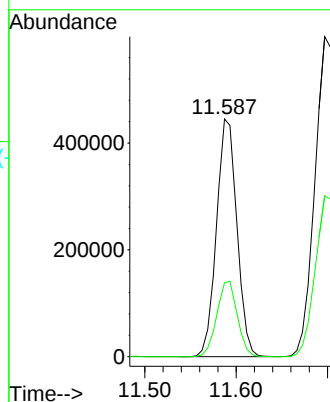
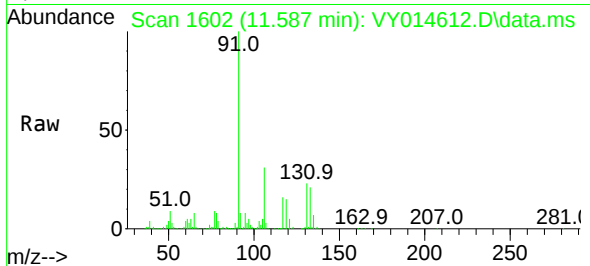
106 31.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#68

m/p-Xylenes

Concen: 96.604 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY014612.D

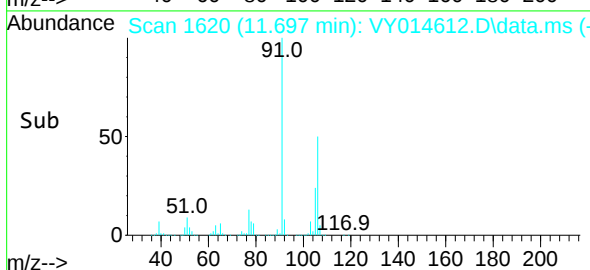
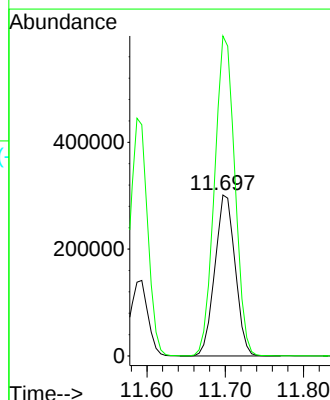
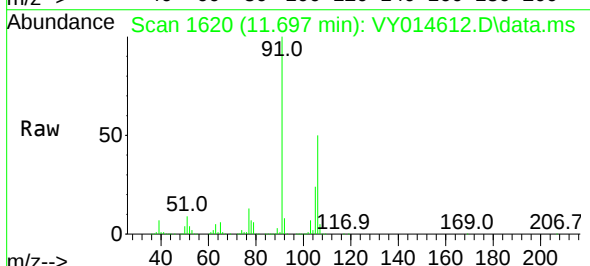
Acq: 10 Jul 2023 12:55

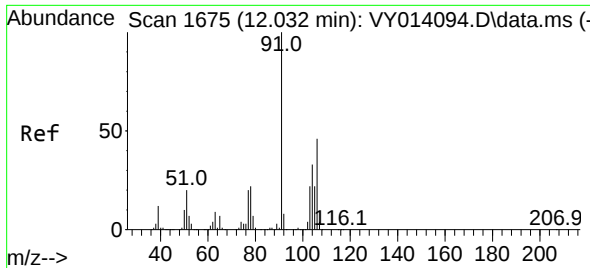
Tgt Ion:106 Resp: 542968

Ion Ratio Lower Upper

106 100

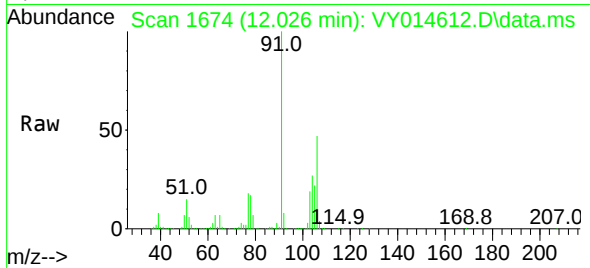
91 199.5 166.1 249.1





#69
o-Xylene
Concen: 48.468 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

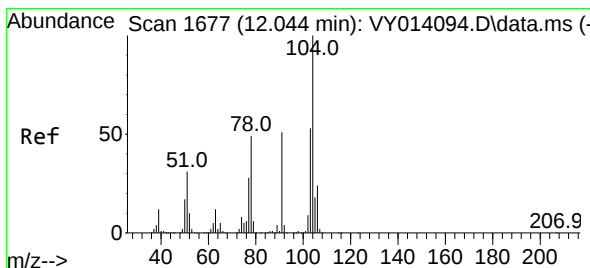
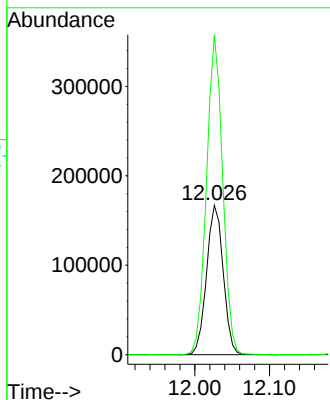
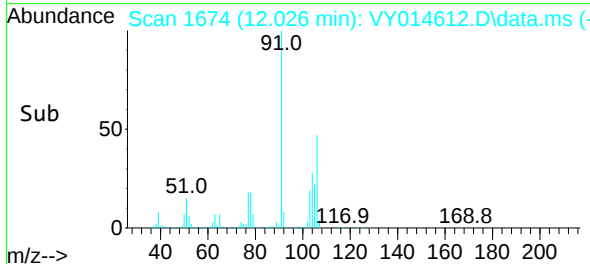
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



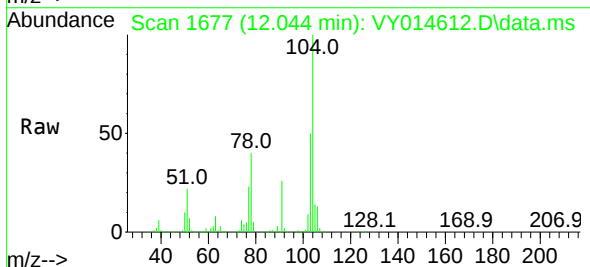
Tgt Ion:106 Resp: 25837
Ion Ratio Lower Upper
106 100
91 208.2 108.1 324.3

Manual Integrations
APPROVED

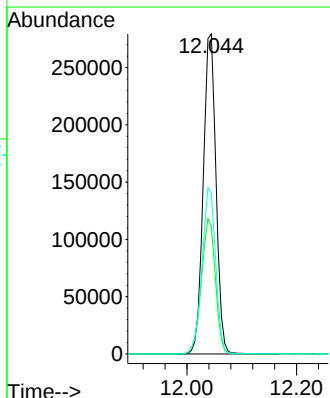
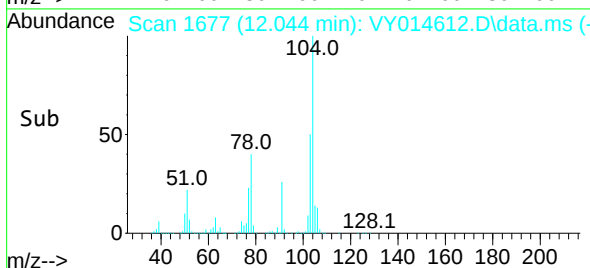
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

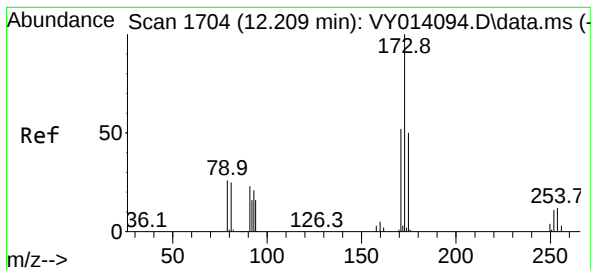


#70
Styrene
Concen: 49.097 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55



Tgt Ion:104 Resp: 450305
Ion Ratio Lower Upper
104 100
78 46.1 41.5 62.3
103 55.5 44.6 67.0





#71

Bromoform

Concen: 50.204 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)MS

Tgt Ion:173 Resp: 120452

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

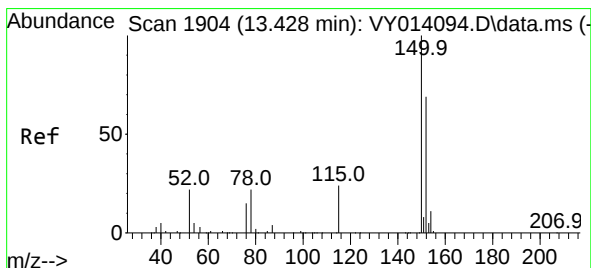
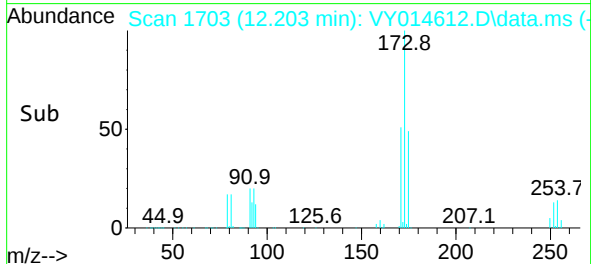
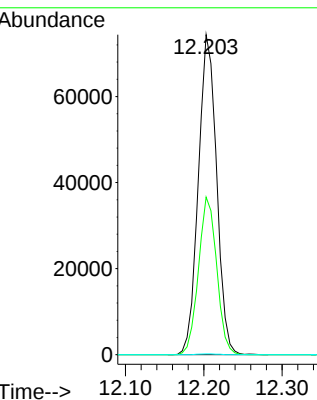
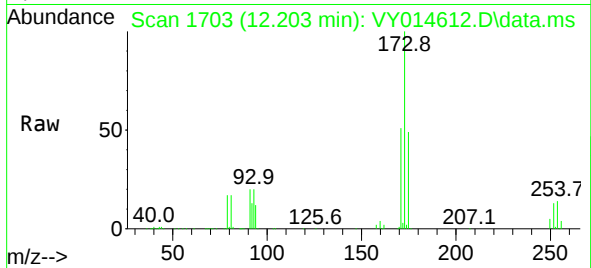
254 0.3 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

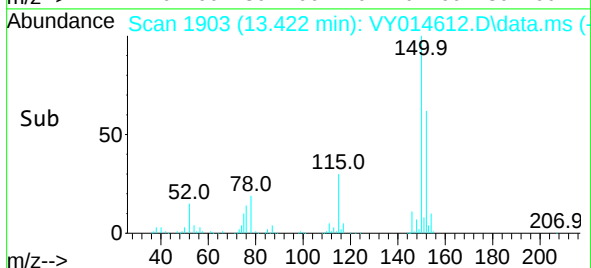
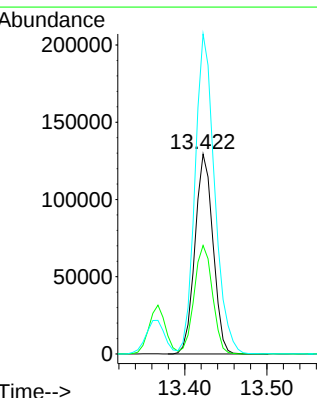
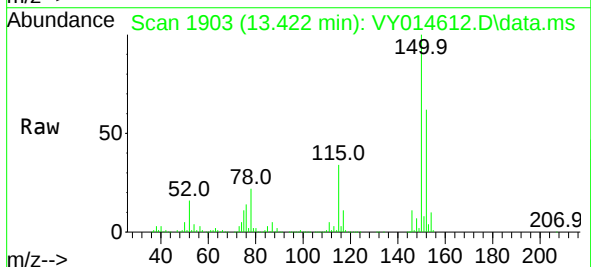
Tgt Ion:152 Resp: 197141

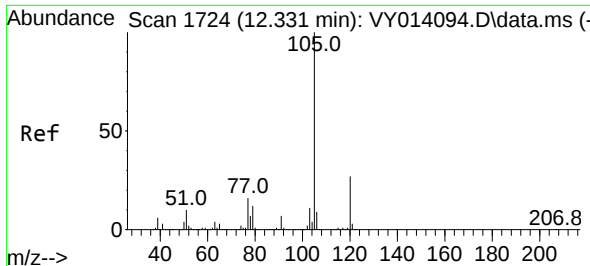
Ion Ratio Lower Upper

152 100

115 55.1 28.8 86.5

150 173.9 0.0 348.8





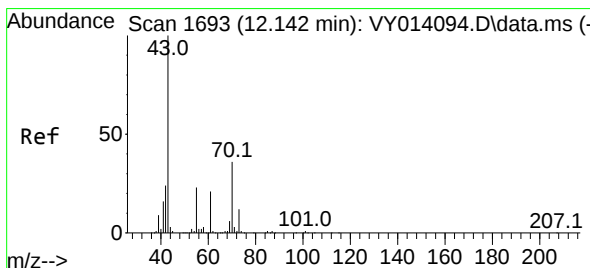
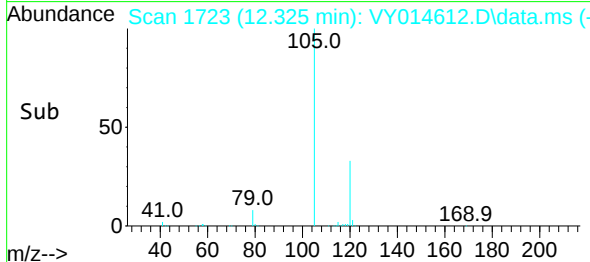
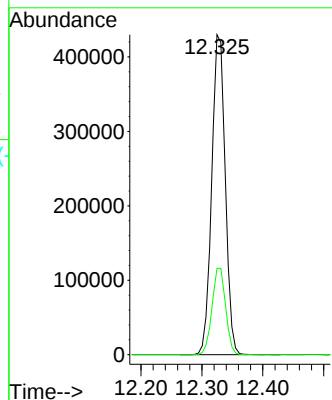
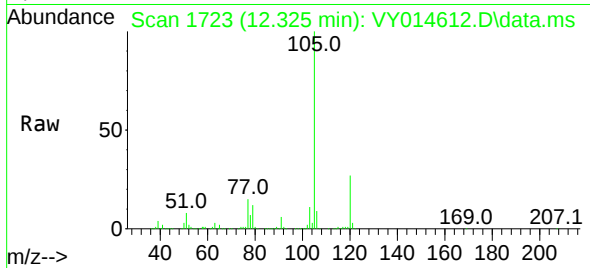
#73
Isopropylbenzene
Concen: 51.235 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS

Tgt Ion:105 Resp: 66150
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9

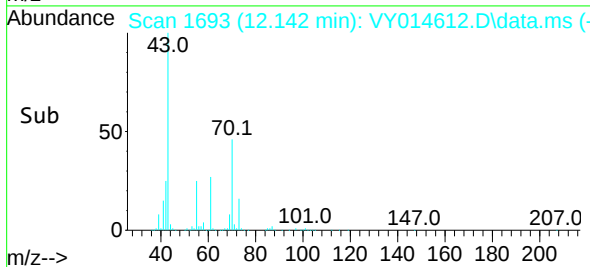
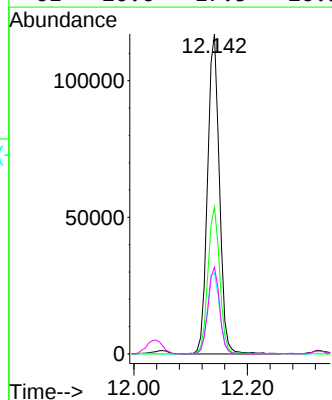
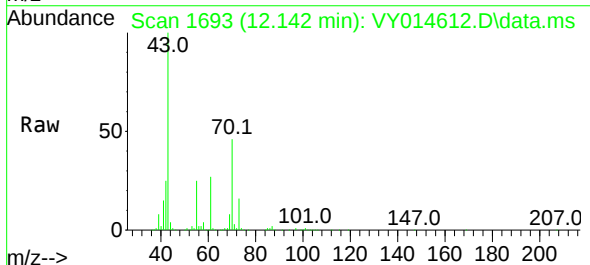
Manual Integrations
APPROVED

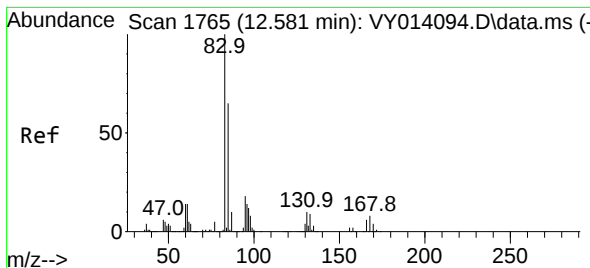
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#74
N-ethyl acetate
Concen: 43.696 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

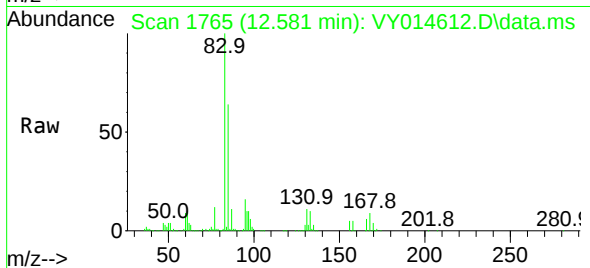
Tgt Ion: 43 Resp: 170271
Ion Ratio Lower Upper
43 100
70 45.7 29.7 44.5#
55 26.5 18.3 27.5
61 26.6 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 50.802 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

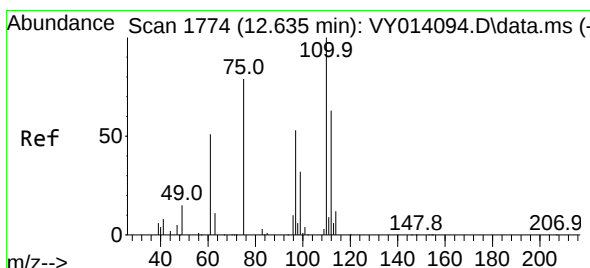
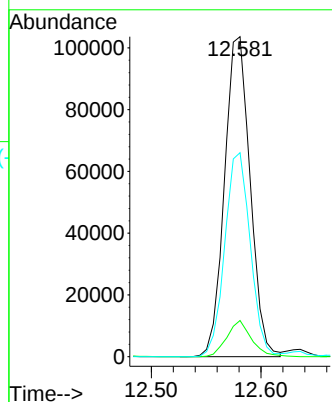
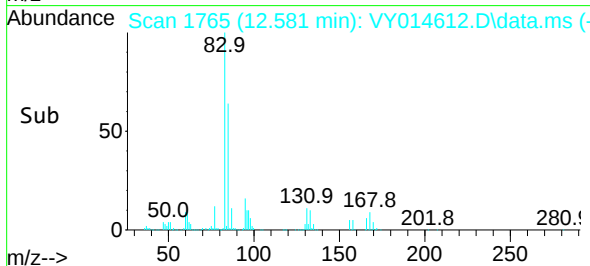
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



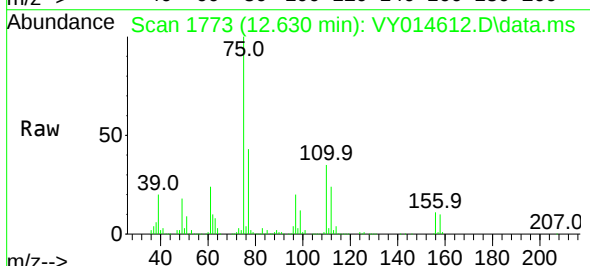
Tgt Ion: 83 Resp: 168324
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 63.5 31.8 95.4

Manual Integrations
APPROVED

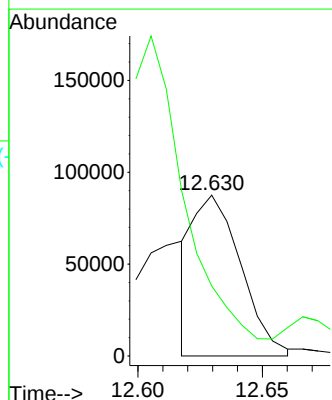
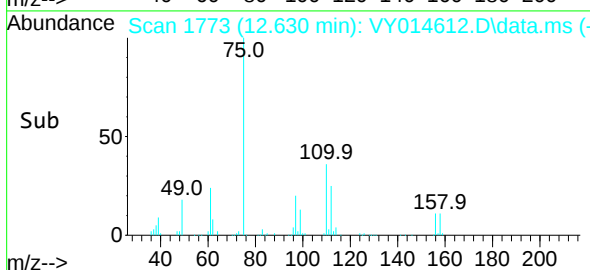
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

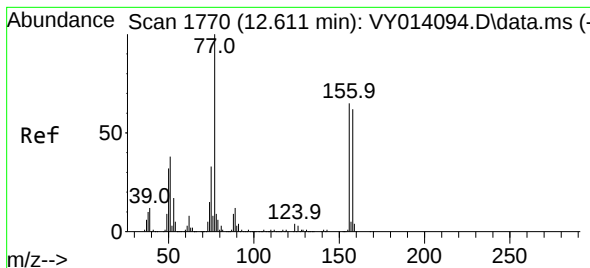


#76
1,2,3-Trichloropropane
Concen: 50.603 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55



Tgt Ion: 75 Resp: 117063
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.317 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)MS

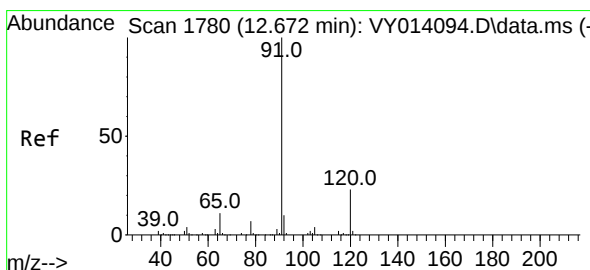
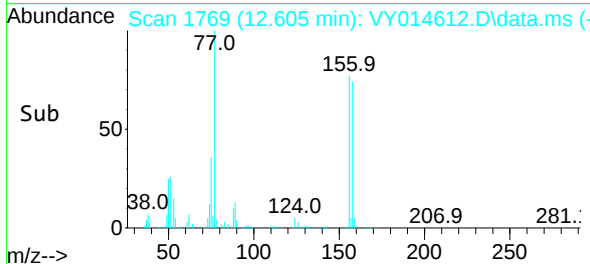
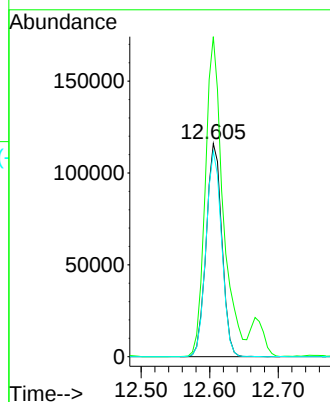
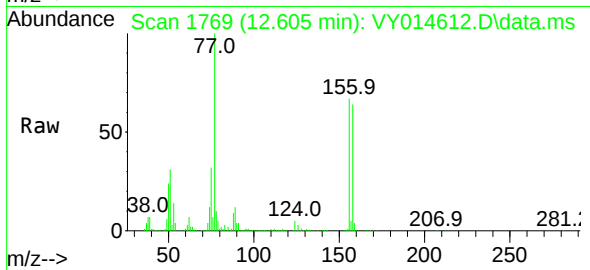
Tgt Ion:156 Resp: 18449
 Ion Ratio Lower Upper
 156 100
 77 170.8 92.8 278.6
 158 96.6 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#78

n-propylbenzene

Concen: 50.637 ug/l

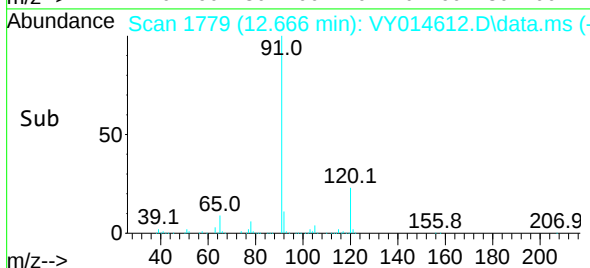
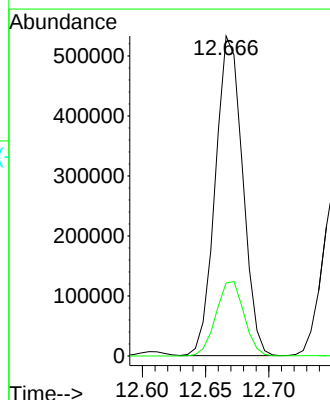
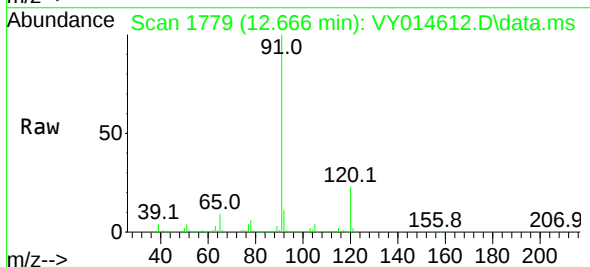
RT: 12.666 min Scan# 1779

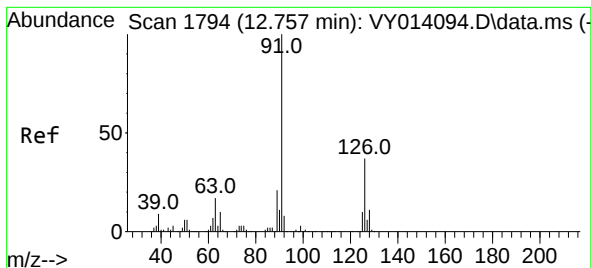
Delta R.T. -0.006 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Tgt Ion: 91 Resp: 797516
 Ion Ratio Lower Upper
 91 100
 120 23.9 11.5 34.4





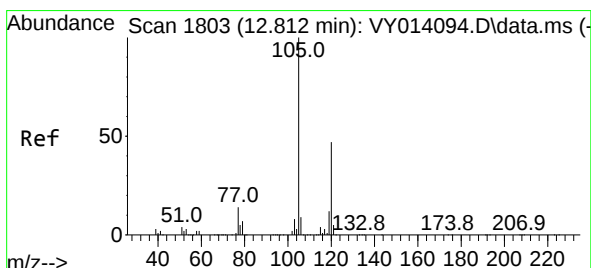
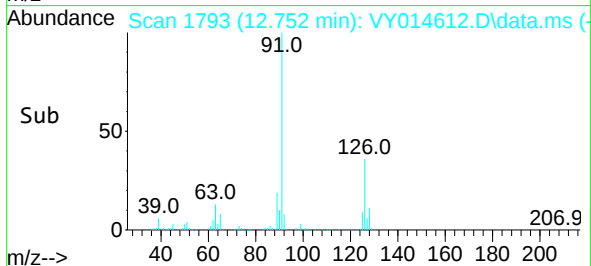
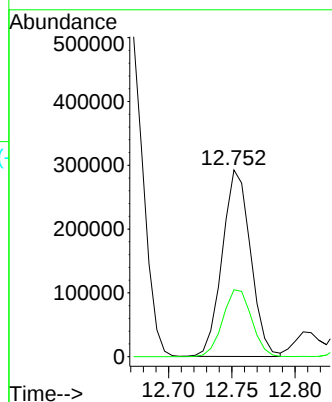
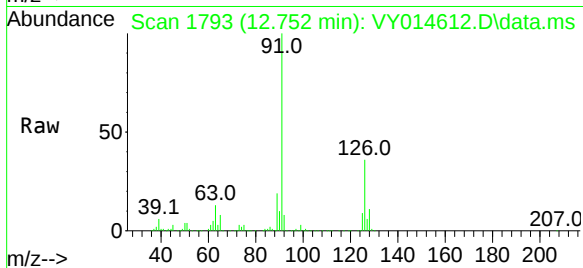
#79
2-Chlorotoluene
Concen: 50.175 ug/l
RT: 12.752 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS

Tgt Ion: 91 Resp: 45478
Ion Ratio Lower Upper
91 100
126 36.6 17.3 51.7

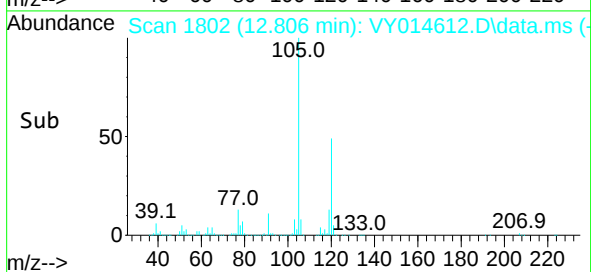
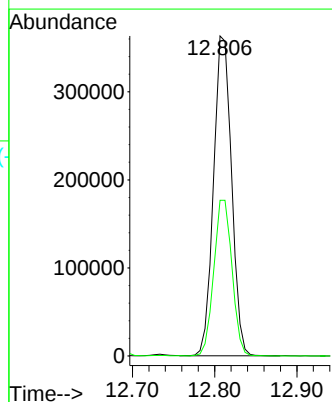
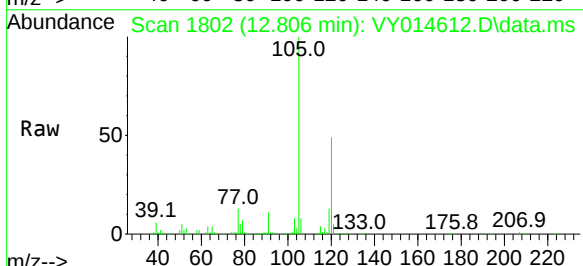
Manual Integrations
APPROVED

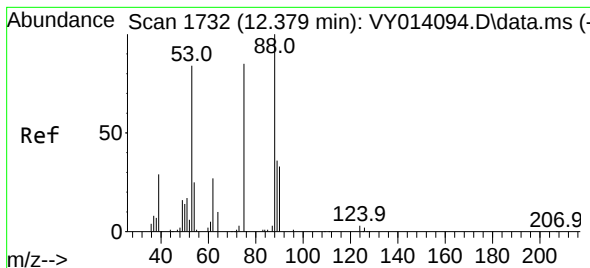
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.566 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

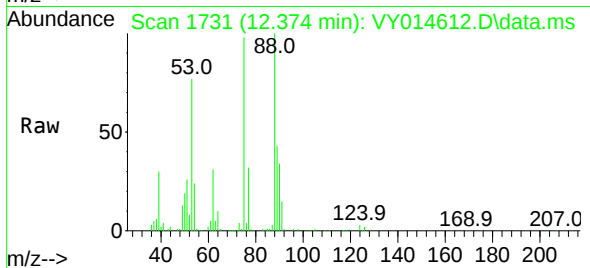
Tgt Ion:105 Resp: 552707
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 48.110 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

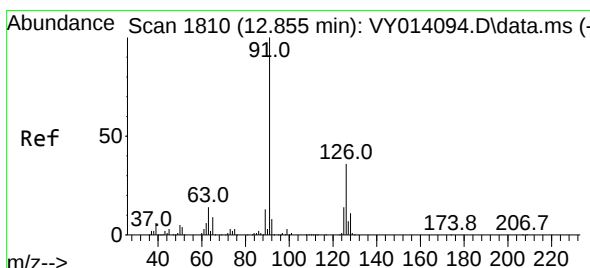
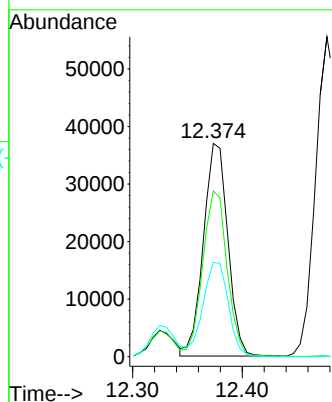
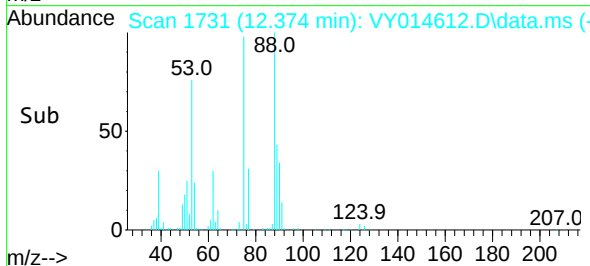
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



Tgt Ion: 75 Resp: 57180
Ion Ratio Lower Upper
75 100
53 78.3 77.8 116.8
89 45.8 37.4 56.0

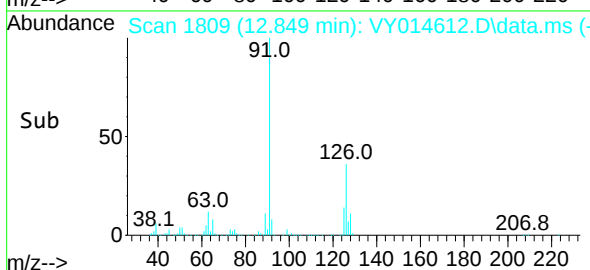
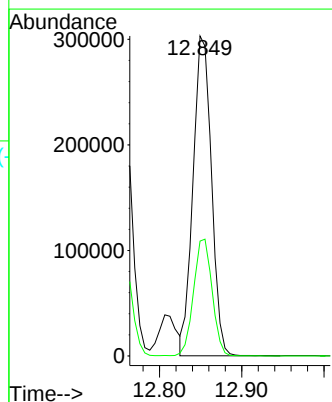
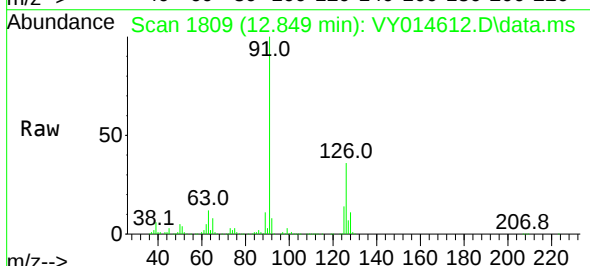
Manual Integrations
APPROVED

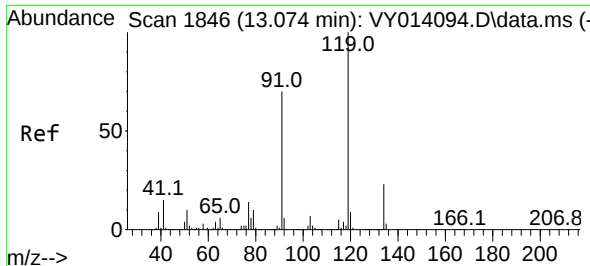
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#82
4-Chlorotoluene
Concen: 49.531 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

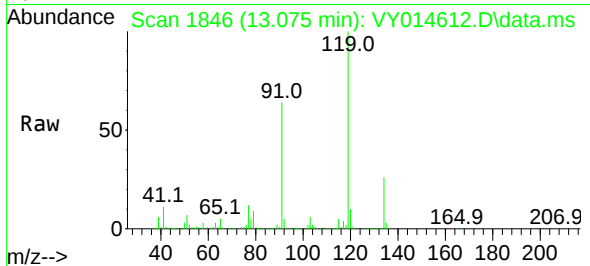
Tgt Ion: 91 Resp: 470327
Ion Ratio Lower Upper
91 100
126 37.0 17.2 51.6





#83
 tert-Butylbenzene
 Concen: 49.665 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.001 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

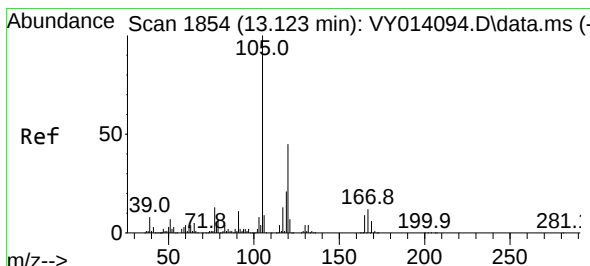
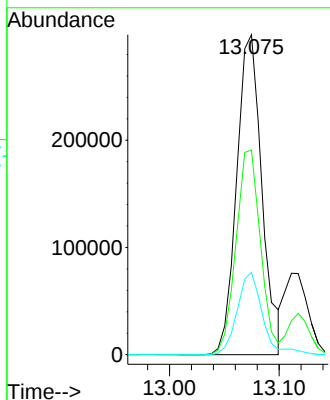
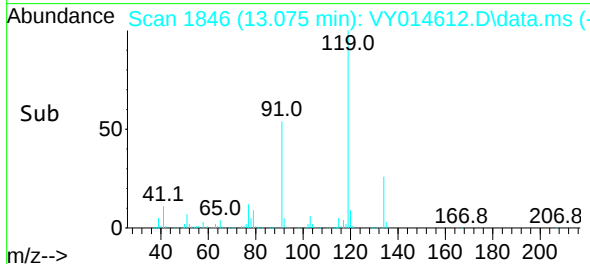
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(8-10)MS



Tgt Ion:119 Resp: 477086
 Ion Ratio Lower Upper
 119 100
 91 62.2 32.9 98.6
 134 25.8 13.0 38.9

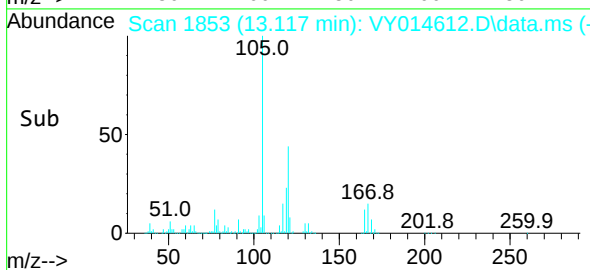
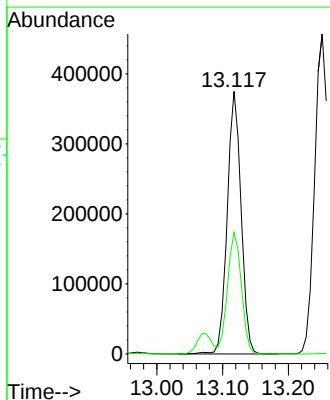
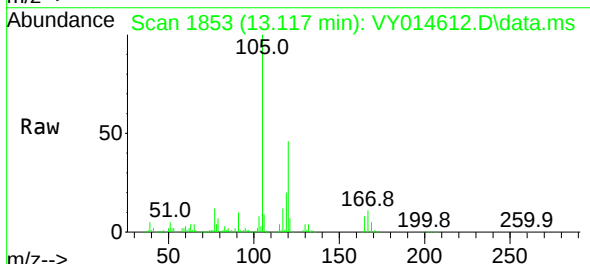
Manual Integrations
 APPROVED

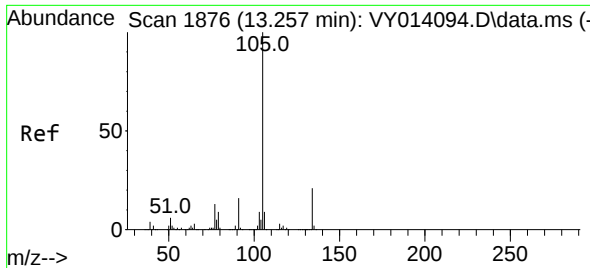
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#84
 1,2,4-Trimethylbenzene
 Concen: 50.333 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

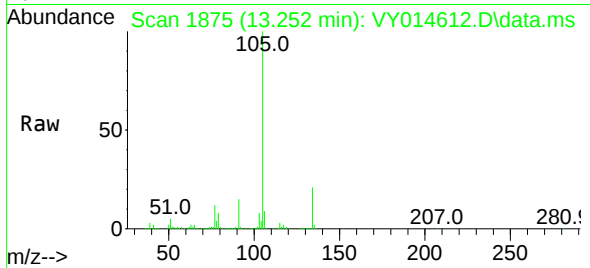
Tgt Ion:105 Resp: 548984
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 47.779 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. -0.005 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55

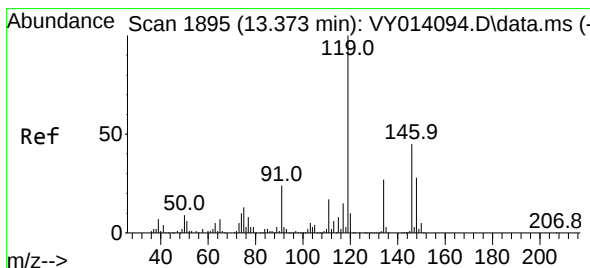
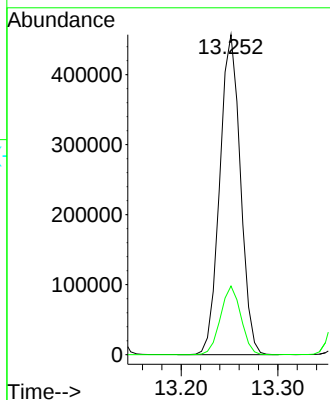
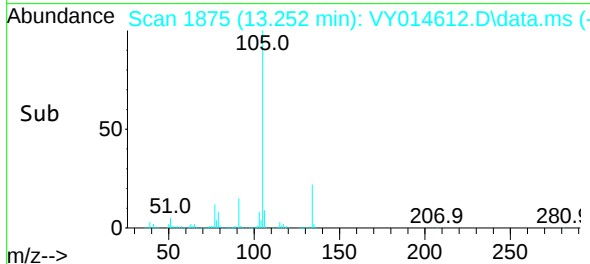
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(8-10)MS



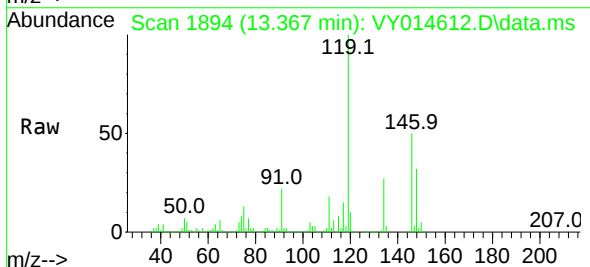
Tgt Ion:105 Resp: 677270
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.6

Manual Integrations
 APPROVED

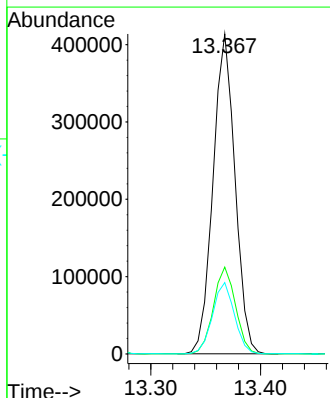
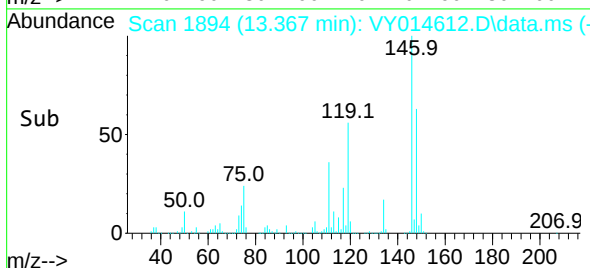
Reviewed By :John Carlone 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

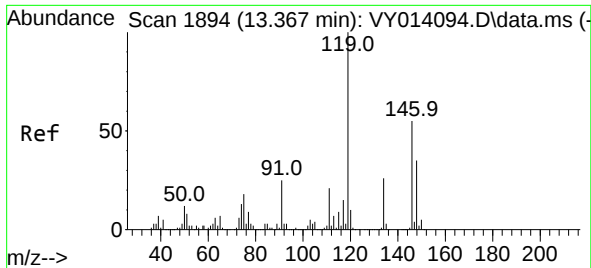


#86
 p-Isopropyltoluene
 Concen: 48.223 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY014612.D
 Acq: 10 Jul 2023 12:55



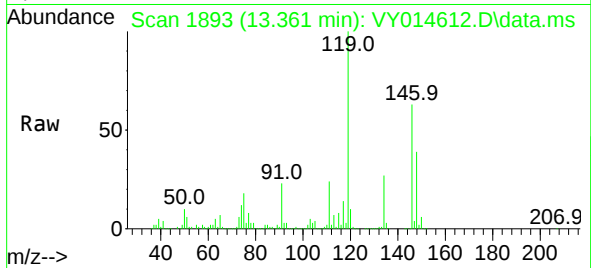
Tgt Ion:119 Resp: 575257
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 22.2 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 48.805 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

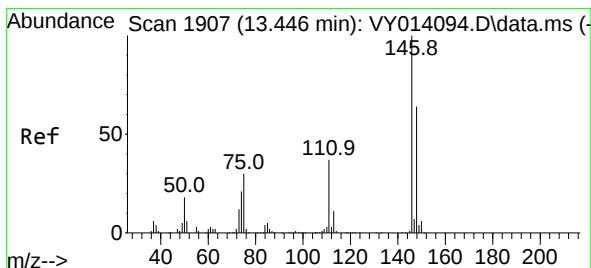
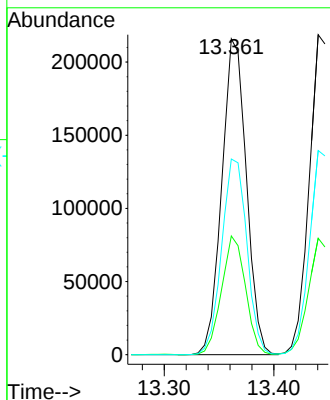
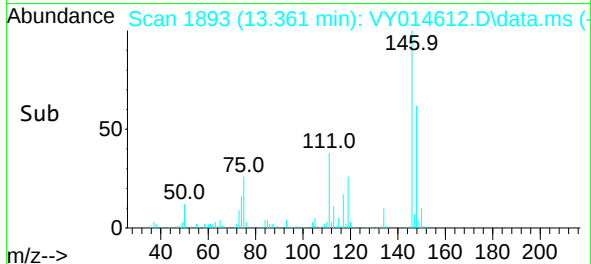
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



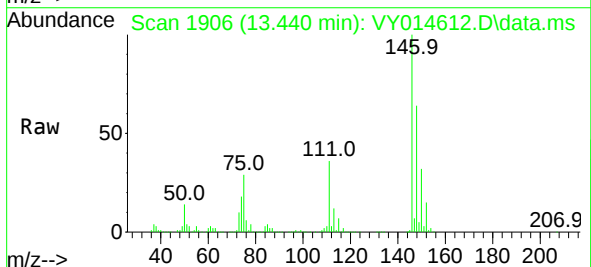
Tgt Ion:146 Resp: 33651
Ion Ratio Lower Upper
146 100
111 36.7 19.4 58.2
148 63.5 31.9 95.5

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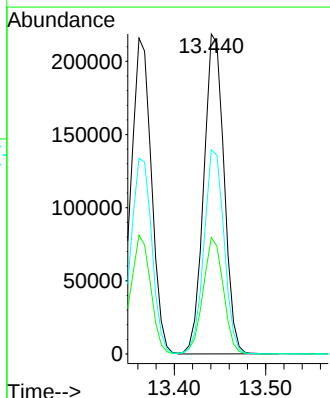
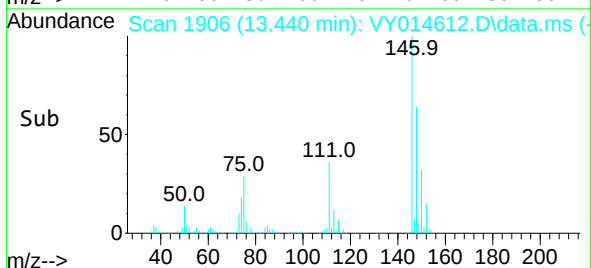
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

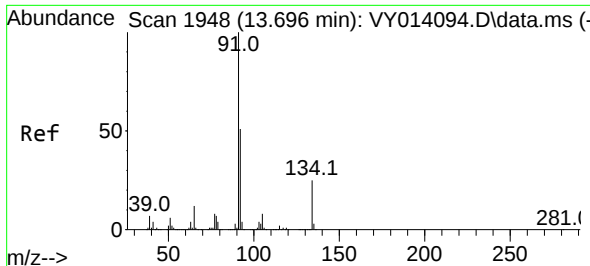


#88
1,4-Dichlorobenzene
Concen: 48.755 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55



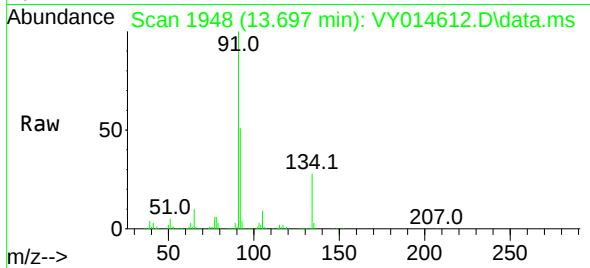
Tgt Ion:146 Resp: 336899
Ion Ratio Lower Upper
146 100
111 36.3 18.9 56.7
148 63.4 32.1 96.5





#89
n-Butylbenzene
Concen: 45.276 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

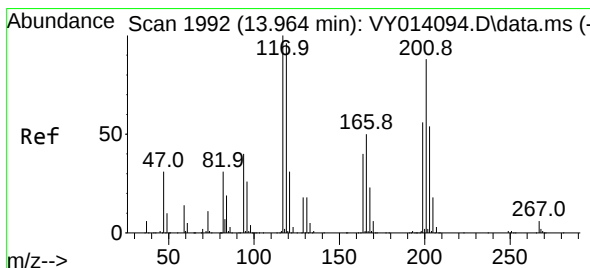
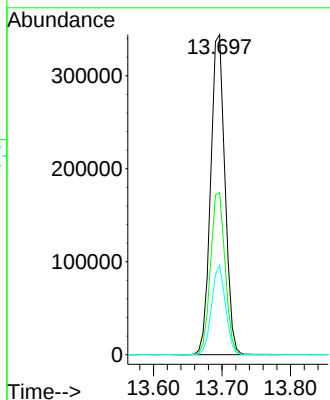
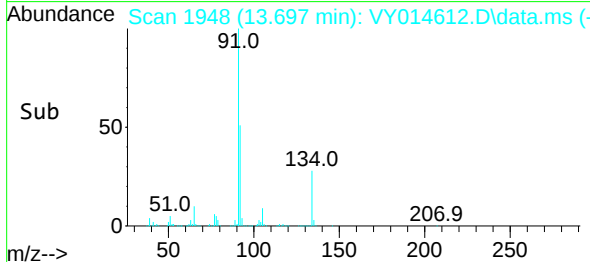
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



Tgt Ion: 91 Resp: 499140
Ion Ratio Lower Upper
91 100
92 51.6 25.4 76.0
134 27.2 12.6 37.6

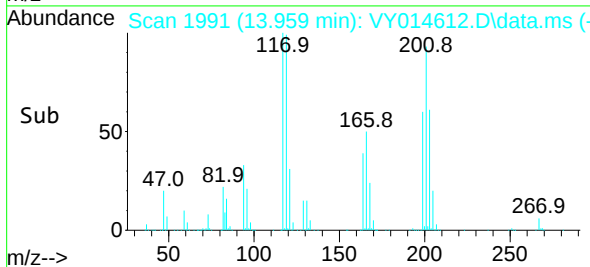
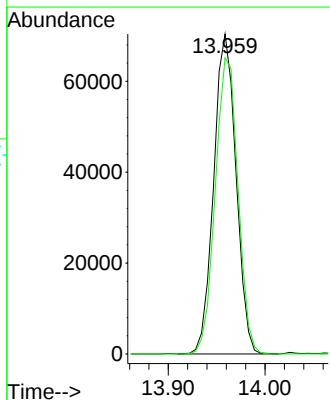
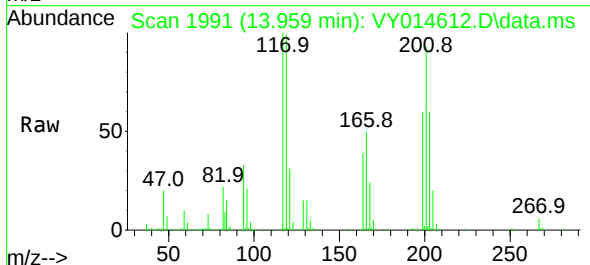
Manual Integrations
APPROVED

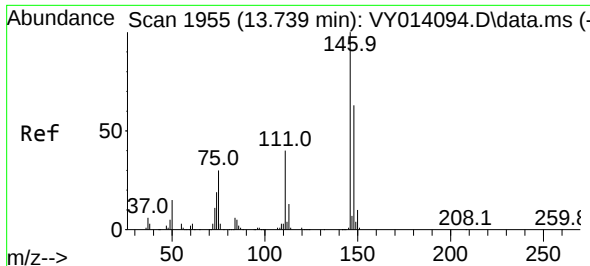
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#90
Hexachloroethane
Concen: 47.698 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

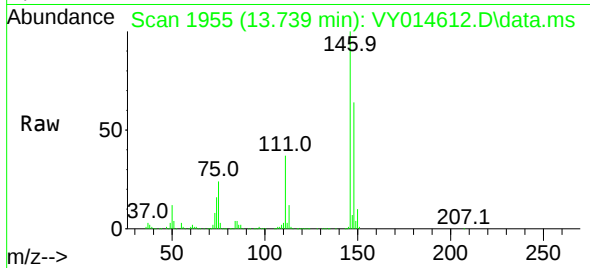
Tgt Ion:117 Resp: 112709
Ion Ratio Lower Upper
117 100
201 94.3 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 49.185 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

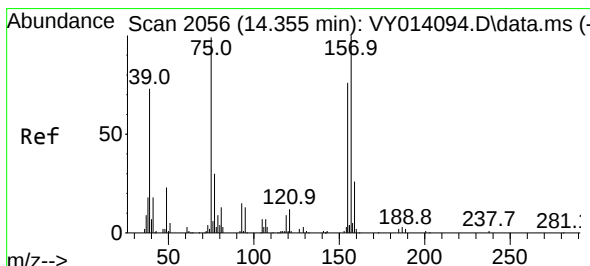
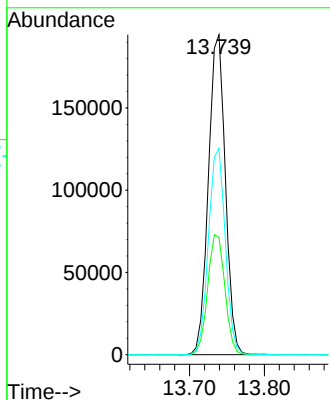
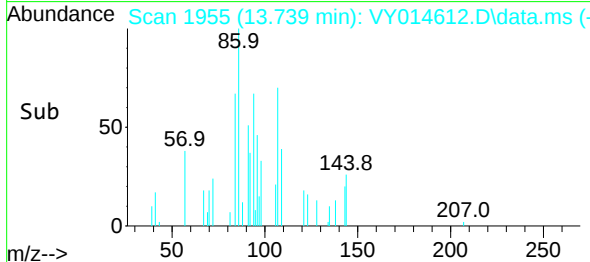
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



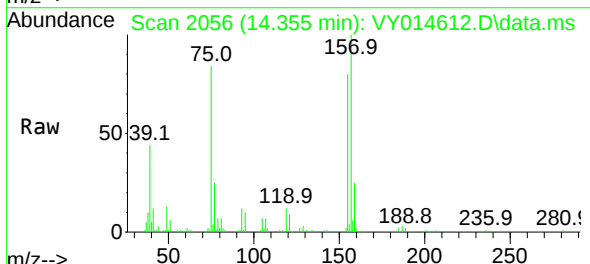
Tgt Ion:146 Resp: 30718
Ion Ratio Lower Upper
146 100
111 38.1 19.7 59.0
148 64.4 32.0 96.2

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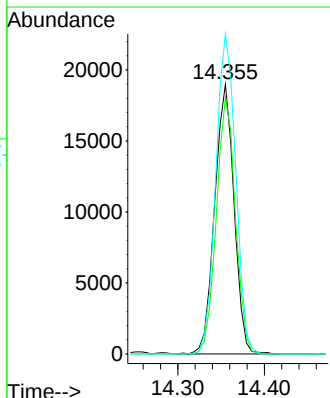
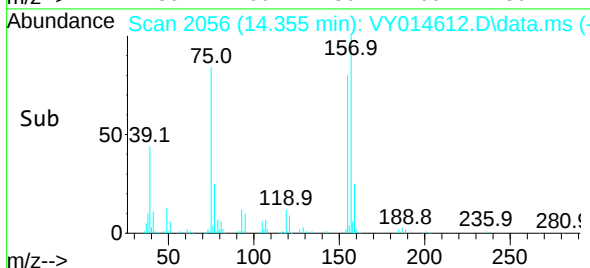
Reviewed By :John Carlone 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

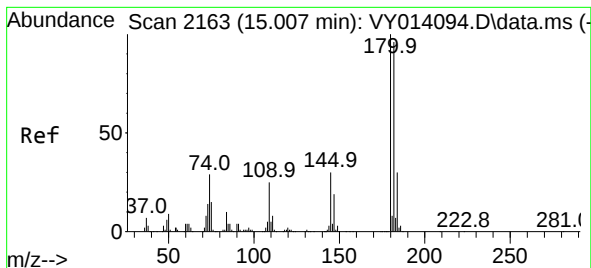


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.607 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55



Tgt Ion: 75 Resp: 29485
Ion Ratio Lower Upper
75 100
155 93.5 41.5 124.6
157 121.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 44.571 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)MS

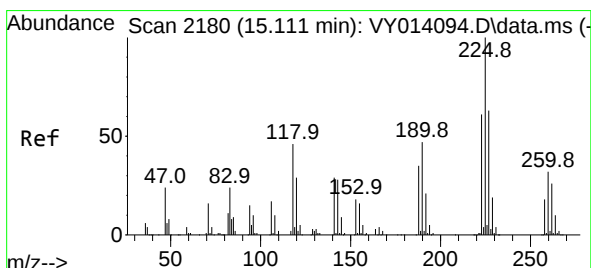
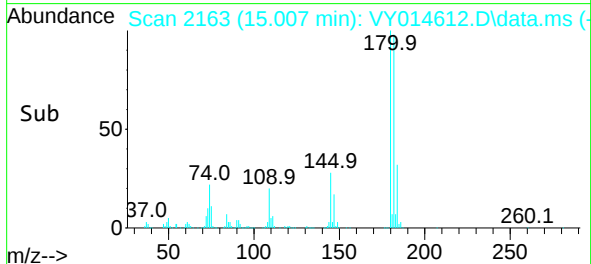
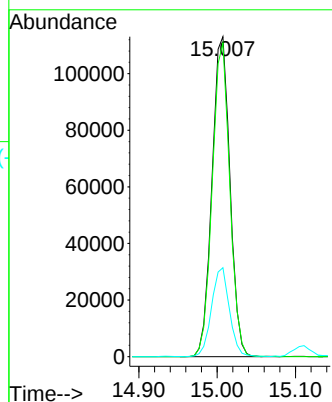
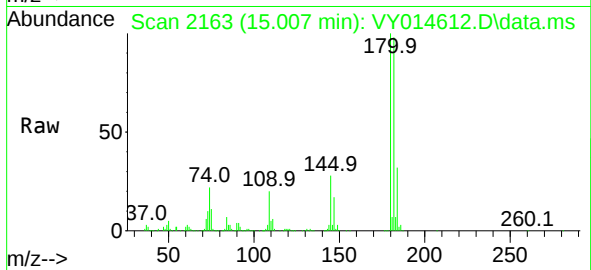
Tgt Ion:	180	Resp:	17979
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.0	141.2
145	27.8	14.5	43.5

Manual Integrations

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Reviewed By :John Carlone 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#94

Hexachlorobutadiene

Concen: 33.066 ug/l

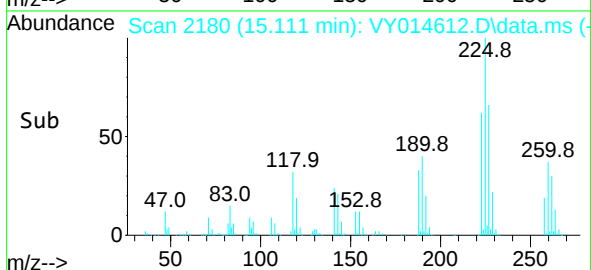
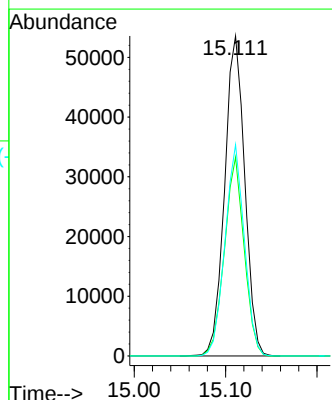
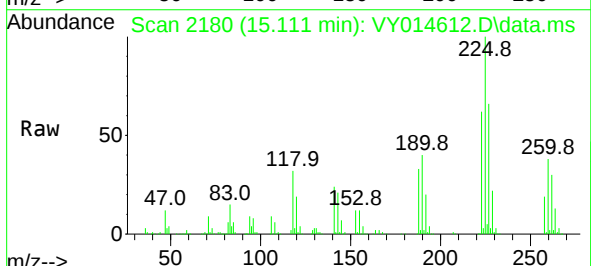
RT: 15.111 min Scan# 2180

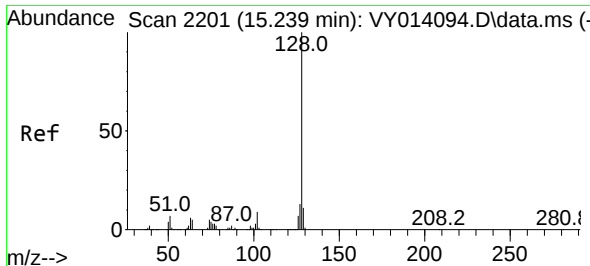
Delta R.T. -0.000 min

Lab File: VY014612.D

Acq: 10 Jul 2023 12:55

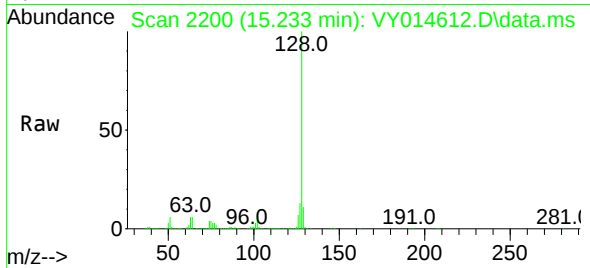
Tgt Ion:	225	Resp:	81980
Ion Ratio	Lower	Upper	
225	100		
223	60.8	31.9	95.9
227	63.9	33.0	98.9





#95
Naphthalene
Concen: 231.831 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

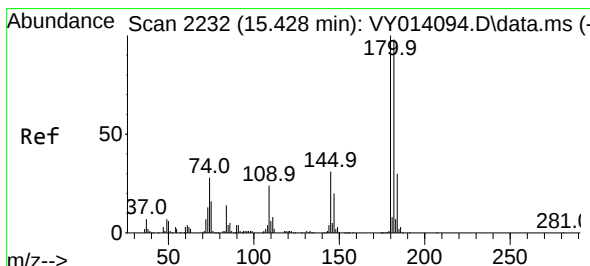
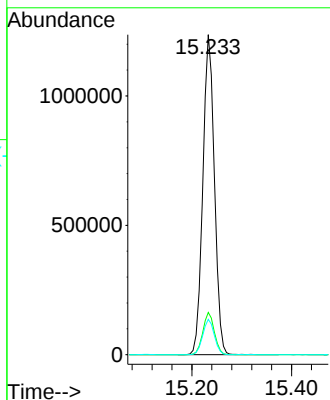
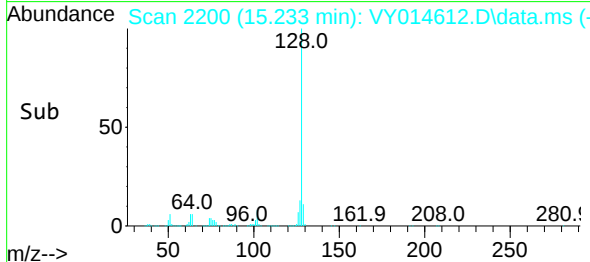
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS



Tgt Ion:128 Resp: 198968
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 44.953 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014612.D
Acq: 10 Jul 2023 12:55

Tgt Ion:180 Resp: 165227
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.8
145 29.8 15.4 46.2

