

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014254.D
 Acq On : 20 Jun 2023 02:40
 Operator : KP/MD
 Sample : VY0619SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

Quant Time: Jun 20 05:07:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	193064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	302350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	288871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	141010	52.450	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.900%			
35) Dibromofluoromethane	7.728	113	119983	55.957	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.920%			
50) Toluene-d8	10.184	98	401641	50.103	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.200%			
62) 4-Bromofluorobenzene	12.483	95	158970	55.826	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	46507	21.615	ug/l	98
3) Chloromethane	2.119	50	48416	17.746	ug/l	95
4) Vinyl Chloride	2.253	62	48727	18.370	ug/l	100
5) Bromomethane	2.637	94	37564	17.164	ug/l	100
6) Chloroethane	2.789	64	31706	17.591	ug/l	98
7) Trichlorofluoromethane	3.125	101	86894	20.165	ug/l	99
8) Diethyl Ether	3.539	74	28869	20.063	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	45018	20.700	ug/l	99
10) Methyl Iodide	4.094	142	48119	16.756	ug/l	98
11) Tert butyl alcohol	4.966	59	37340	108.365	ug/l #	83
12) 1,1-Dichloroethene	3.875	96	42623	19.336	ug/l	98
14) Allyl chloride	4.484	41	73272	18.338	ug/l	100
15) Acrylonitrile	5.173	53	86103	116.013	ug/l	100
16) Acetone	3.954	43	77221	95.290	ug/l	100
17) Carbon Disulfide	4.204	76	121570	17.019	ug/l	99
18) Methyl Acetate	4.484	43	124740	39.657	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	134140	20.632	ug/l	99
20) Methylene Chloride	4.728	84	76346	27.927	ug/l	94
21) trans-1,2-Dichloroethene	5.234	96	47605	19.362	ug/l	97
22) Diisopropyl ether	6.130	45	152118	19.883	ug/l	93
23) Vinyl Acetate	6.069	43	323208	71.602	ug/l	97
24) 1,1-Dichloroethane	6.021	63	88657	20.099	ug/l	99
25) 2-Butanone	6.996	43	117409	117.698	ug/l	100
26) 2,2-Dichloropropane	6.990	77	72475	17.493	ug/l	97
27) cis-1,2-Dichloroethene	7.002	96	54971	19.987	ug/l	98
28) Bromochloromethane	7.344	49	39538	22.041	ug/l	95
29) Tetrahydrofuran	7.356	42	76312	120.641	ug/l	98
30) Chloroform	7.514	83	97283	20.789	ug/l	98
31) Cyclohexane	7.795	56	70832	19.668	ug/l	94
32) 1,1,1-Trichloroethane	7.709	97	87473	20.725	ug/l	100
36) 1,1-Dichloropropene	7.923	75	66674	19.945	ug/l	99
37) Ethyl Acetate	7.081	43	43663	18.930	ug/l	97
38) Carbon Tetrachloride	7.904	117	80282	20.812	ug/l	95
39) Methylcyclohexane	9.191	83	72165	19.457	ug/l	100
40) Benzene	8.167	78	200559	20.176	ug/l	98
41) Methacrylonitrile	7.331	41	27408m	23.284	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.246	62	73571	20.930	ug/l	99
43) Isopropyl Acetate	8.276	43	76556	18.937	ug/l	97
44) Trichloroethene	8.947	130	55604	20.937	ug/l	93
45) 1,2-Dichloropropane	9.221	63	51417	20.365	ug/l	99
46) Dibromomethane	9.313	93	31816	20.471	ug/l	99
47) Bromodichloromethane	9.502	83	74866	20.573	ug/l	96
48) Methyl methacrylate	9.300	41	41381	21.947	ug/l	98
49) 1,4-Dioxane	9.307	88	8827	446.980	ug/l #	47
51) 4-Methyl-2-Pentanone	10.075	43	255831	116.484	ug/l	100
52) Toluene	10.252	92	126624	20.549	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	75496	19.708	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	82167	19.659	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	44124	21.405	ug/l	98
56) Ethyl methacrylate	10.514	69	58568	20.598	ug/l	99
57) 1,3-Dichloropropane	10.794	76	73960	20.978	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	85290	88.065	ug/l	98
59) 2-Hexanone	10.837	43	181197	114.228	ug/l	99
60) Dibromochloromethane	10.989	129	57217	21.686	ug/l	100
61) 1,2-Dibromoethane	11.093	107	43385	21.325	ug/l	98
64) Tetrachloroethene	10.727	164	59878	24.319	ug/l	95
65) Chlorobenzene	11.520	112	138331	19.929	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	56580	20.724	ug/l	99
67) Ethyl Benzene	11.599	91	240931	19.830	ug/l	99
68) m/p-Xylenes	11.709	106	187039	40.023	ug/l	99
69) o-Xylene	12.032	106	90120	20.397	ug/l	98
70) Styrene	12.050	104	155810	20.662	ug/l	99
71) Bromoform	12.215	173	39829	21.302	ug/l #	99
73) Isopropylbenzene	12.330	105	236144	18.997	ug/l	100
74) N-amyl acetate	12.148	43	54064	13.724	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.586	83	56540	20.355	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	41684m	19.498	ug/l	
77) Bromobenzene	12.617	156	62561	19.148	ug/l	96
78) n-propylbenzene	12.672	91	291691	19.211	ug/l	99
79) 2-Chlorotoluene	12.757	91	169648	19.419	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	205308	19.289	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	17487	17.681	ug/l	95
82) 4-Chlorotoluene	12.855	91	177482	19.171	ug/l	99
83) tert-Butylbenzene	13.080	119	173856	19.221	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	202998	19.267	ug/l	99
85) sec-Butylbenzene	13.257	105	258833	19.683	ug/l	100
86) p-Isopropyltoluene	13.373	119	212242	18.858	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	119756	19.198	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	122010	19.413	ug/l	100
89) n-Butylbenzene	13.702	91	199239	19.087	ug/l	99
90) Hexachloroethane	13.964	117	44037	19.636	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	110906	19.795	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11320	21.401	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	66358	18.697	ug/l	98
94) Hexachlorobutadiene	15.117	225	40364	19.699	ug/l	99
95) Naphthalene	15.238	128	138814	19.269	ug/l	100
96) 1,2,3-Trichlorobenzene	15.427	180	61913	19.305	ug/l	99

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

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

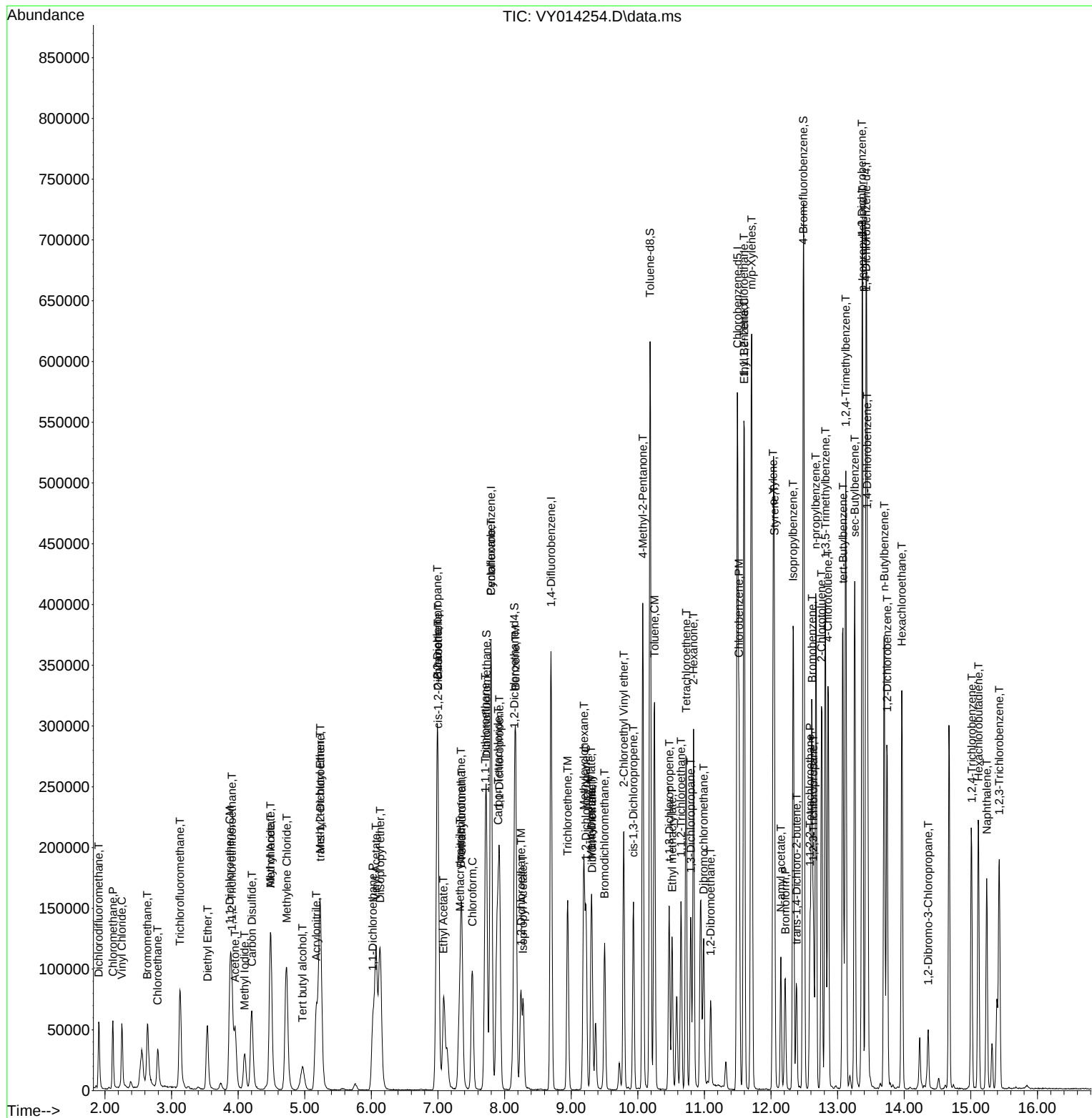
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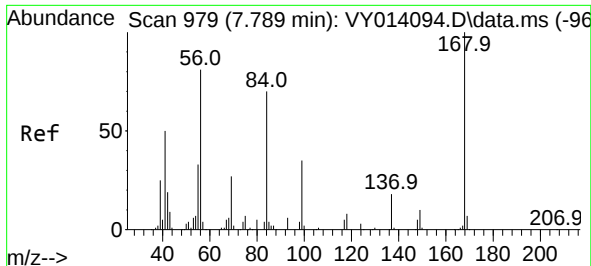
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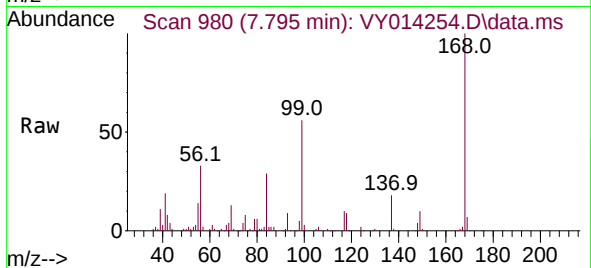
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014254.D
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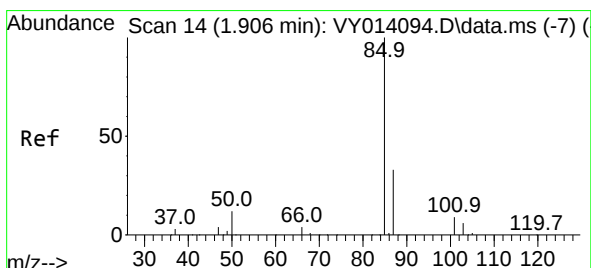
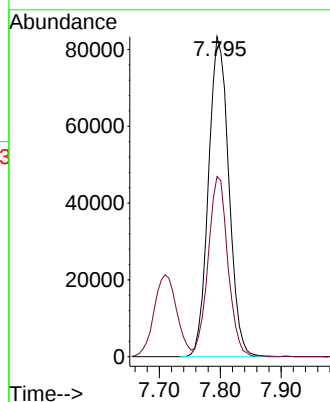
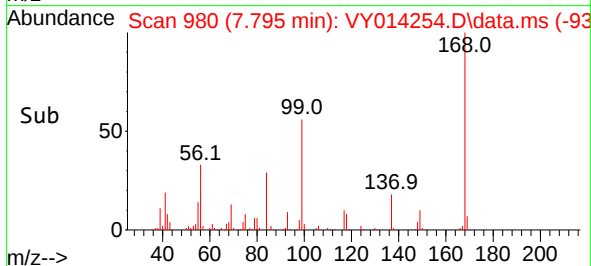
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



Tgt Ion:168 Resp: 193064
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0

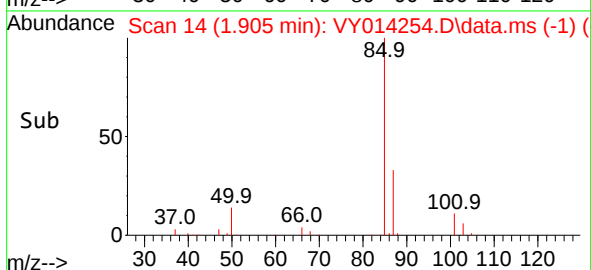
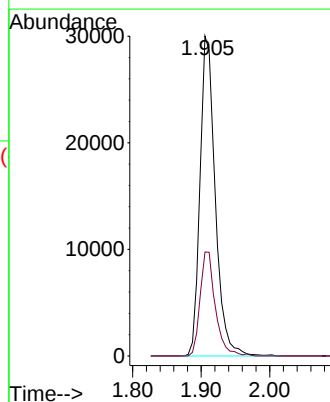
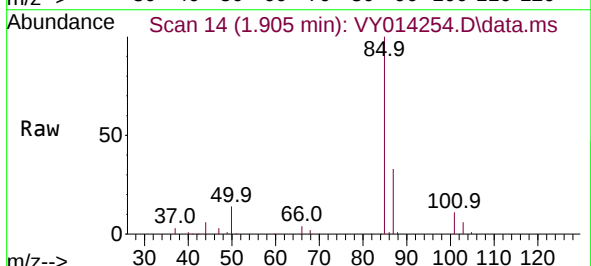
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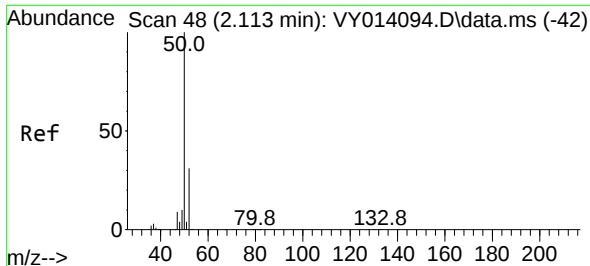
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#2
Dichlorodifluoromethane
Concen: 21.615 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Tgt Ion: 85 Resp: 46507
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8





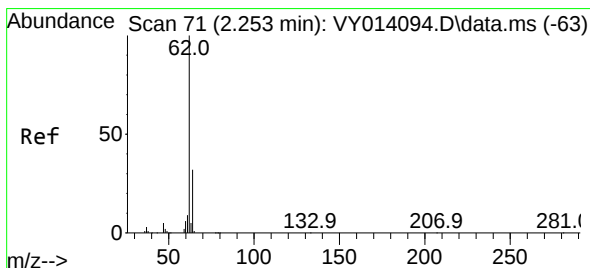
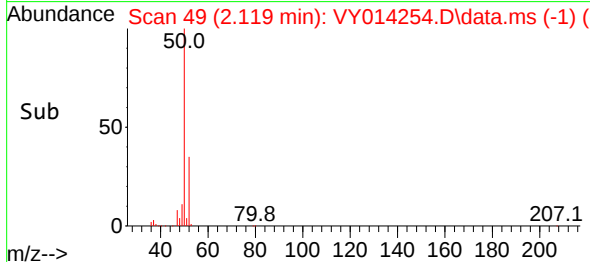
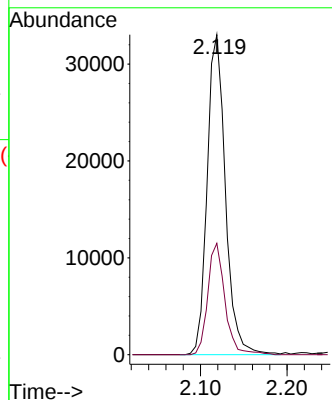
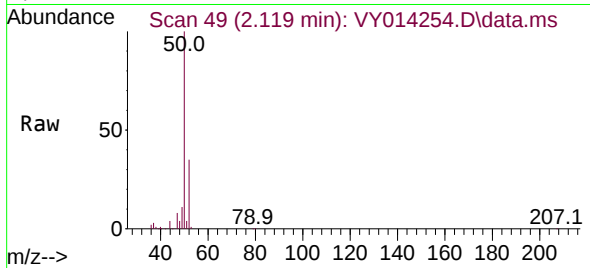
#3
Chloromethane
Concen: 17.746 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

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Tgt Ion: 50 Resp: 48410
Ion Ratio Lower Upper
50 100
52 34.8 25.4 38.2

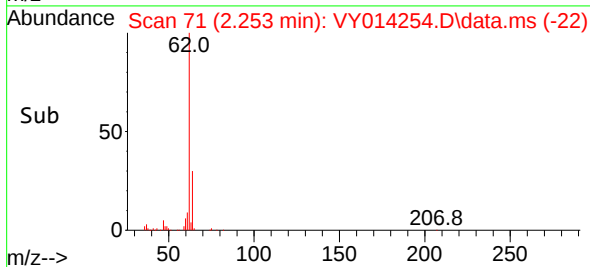
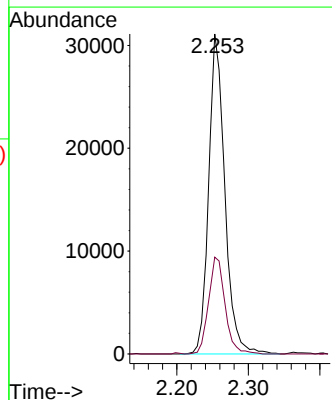
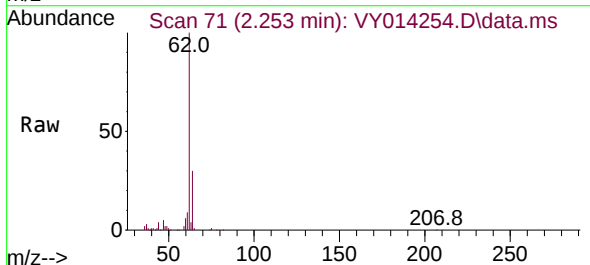
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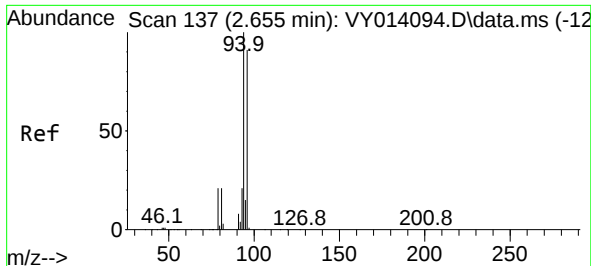
Reviewed By :John Carlone 06/20/2023
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#4
Vinyl Chloride
Concen: 18.370 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

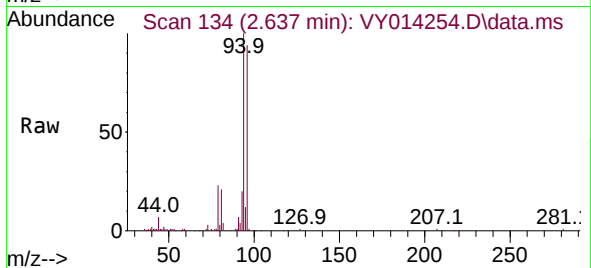
Tgt Ion: 62 Resp: 48727
Ion Ratio Lower Upper
62 100
64 30.3 24.3 36.5





#5
Bromomethane
Concen: 17.164 ug/l
RT: 2.637 min Scan# 111
Delta R.T. -0.018 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

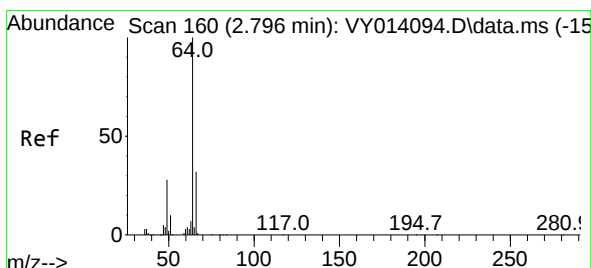
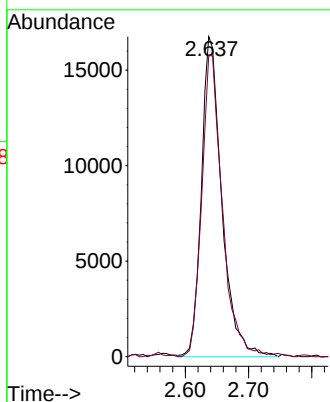
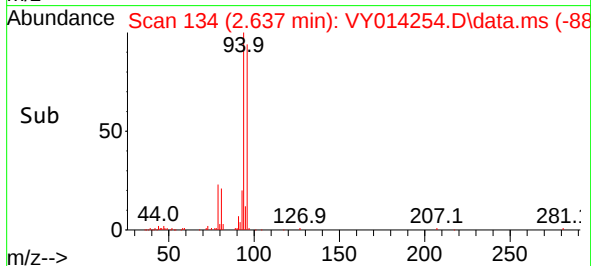
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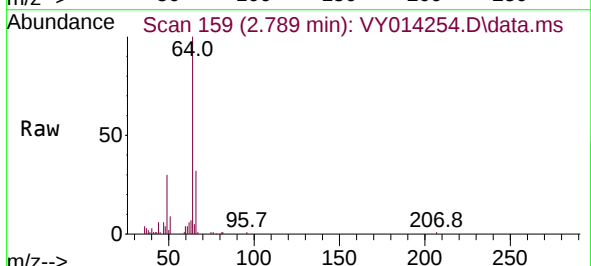
Tgt Ion: 94 Resp: 37564
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.6

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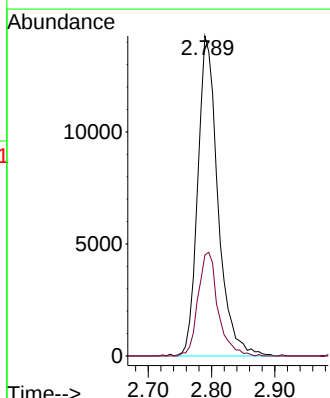
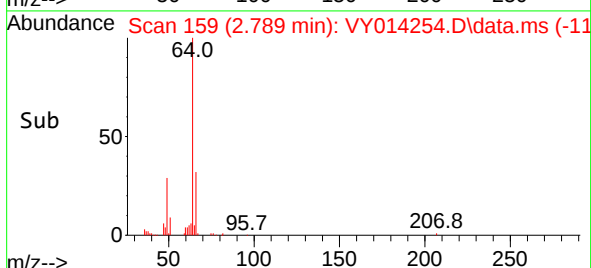
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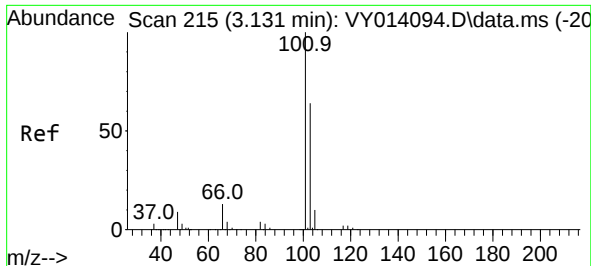


#6
Chloroethane
Concen: 17.591 ug/l
RT: 2.789 min Scan# 159
Delta R.T. -0.007 min
Lab File: VY014254.D
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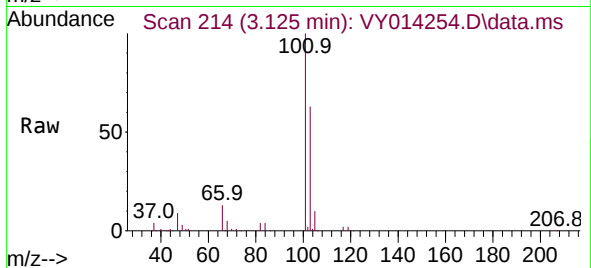
Tgt Ion: 64 Resp: 31706
Ion Ratio Lower Upper
64 100
66 31.6 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 20.165 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY014254.D
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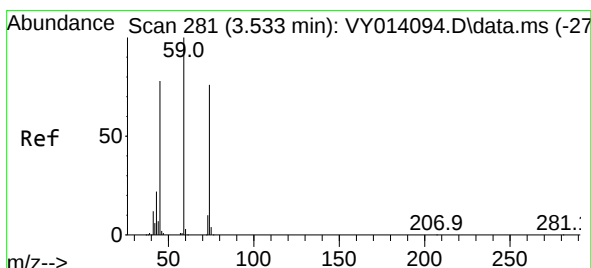
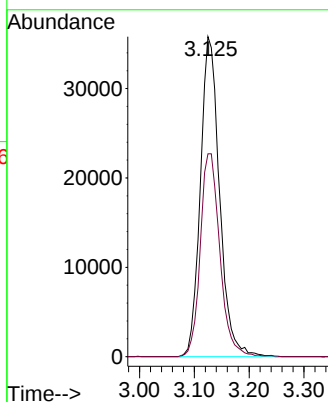
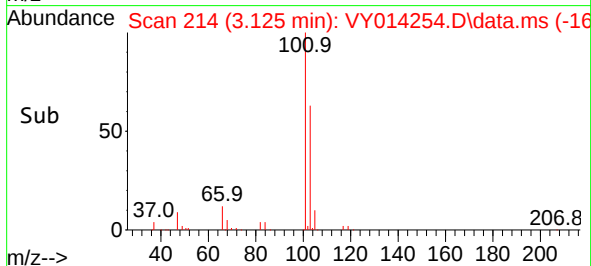
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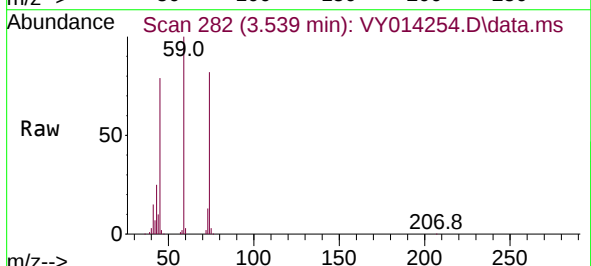
Tgt Ion:101 Resp: 86894
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.0

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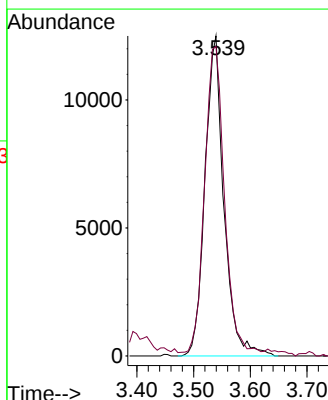
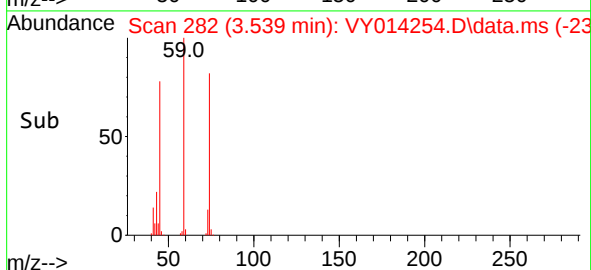
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#8
 Diethyl Ether
 Concen: 20.063 ug/l
 RT: 3.539 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY014254.D
 Acq: 20 Jun 2023 02:40



Tgt Ion: 74 Resp: 28869
 Ion Ratio Lower Upper
 74 100
 45 99.3 51.5 154.5





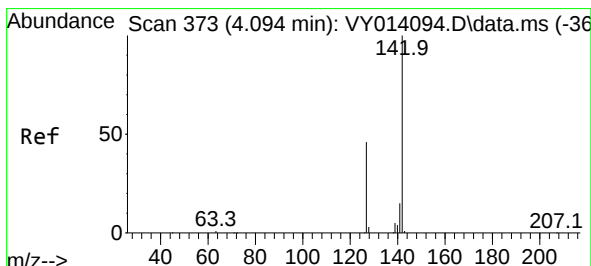
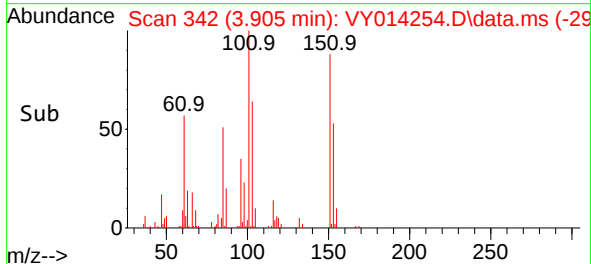
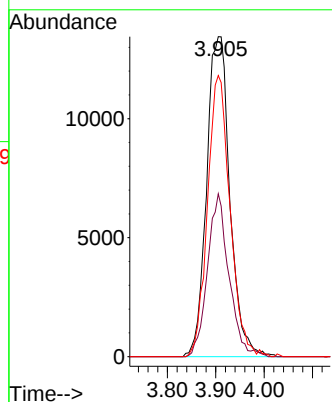
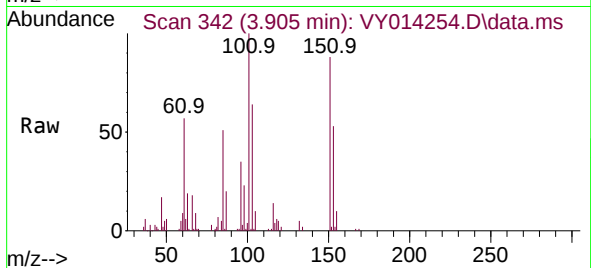
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.700 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

Tgt Ion:101 Resp: 45018
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 85.0 67.0 100.6

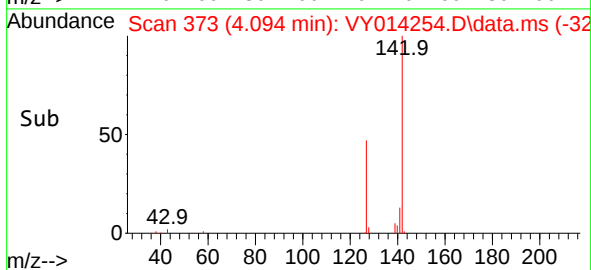
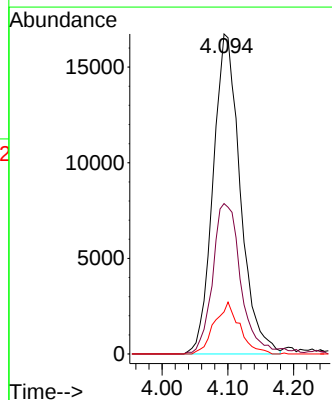
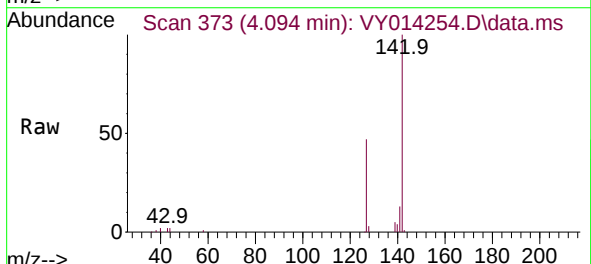
Manual Integrations
APPROVED

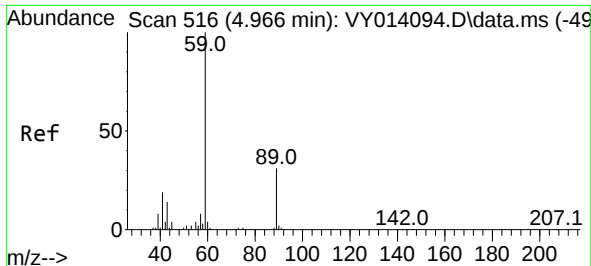
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#10
Methyl Iodide
Concen: 16.756 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

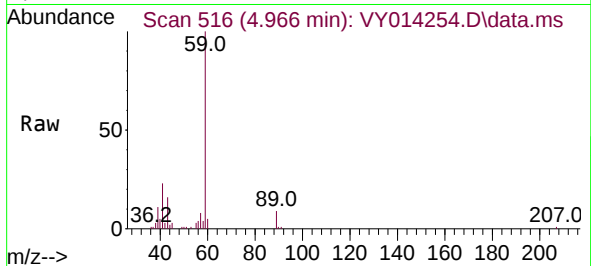
Tgt Ion:142 Resp: 48119
Ion Ratio Lower Upper
142 100
127 48.3 37.6 56.4
141 15.1 11.8 17.8





#11
Tert butyl alcohol
Concen: 108.365 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

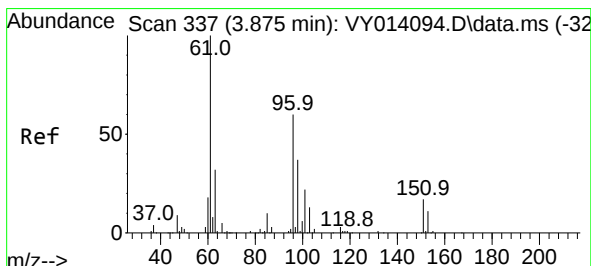
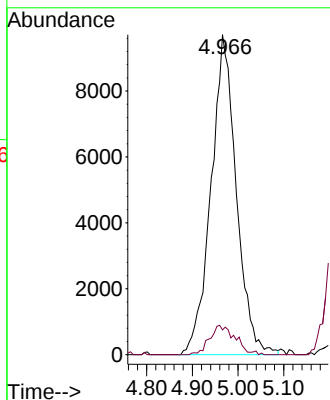
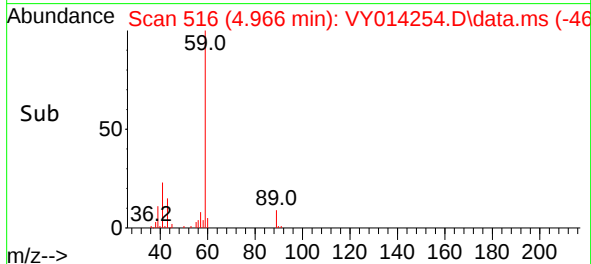
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



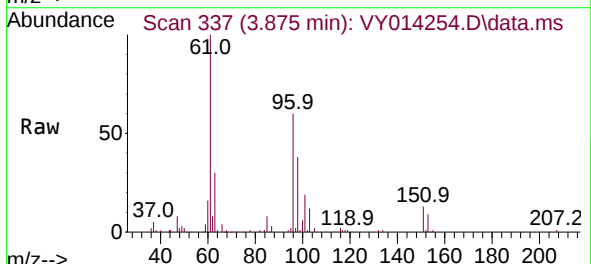
Tgt Ion: 59 Resp: 37340
Ion Ratio Lower Upper
59 100
57 9.3 3.0 4.4

Manual Integrations
APPROVED

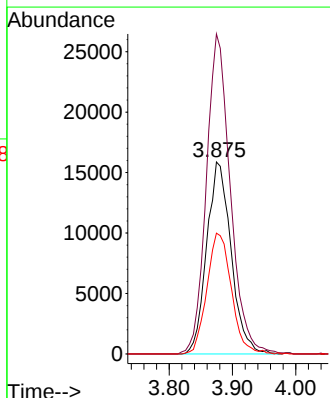
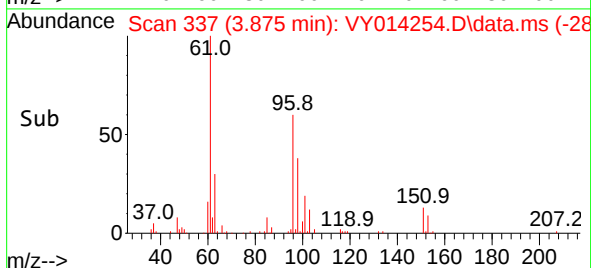
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

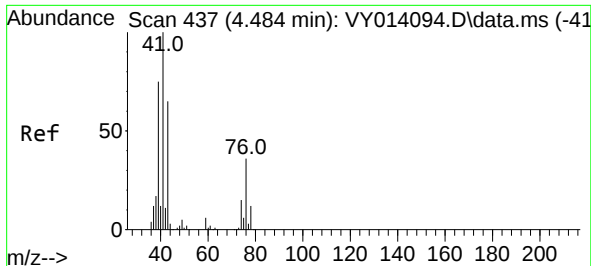


#12
1,1-Dichloroethene
Concen: 19.336 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40



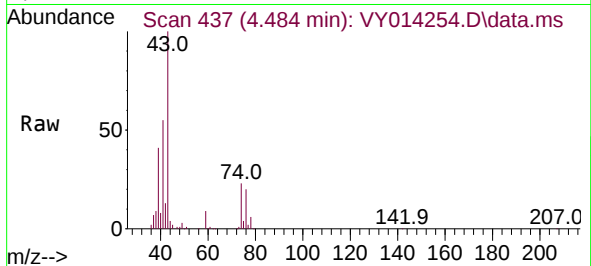
Tgt Ion: 96 Resp: 42623
Ion Ratio Lower Upper
96 100
61 166.6 136.4 204.6
98 62.9 49.4 74.2





#14
 Allyl chloride
 Concen: 18.338 ug/l
 RT: 4.484 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VY014254.D
 Acq: 20 Jun 2023 02:40

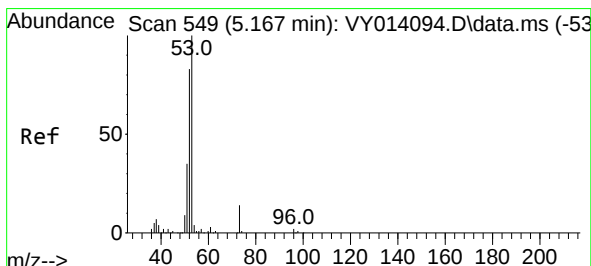
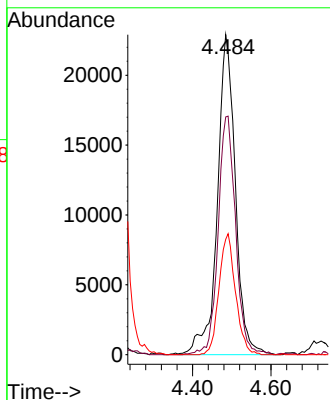
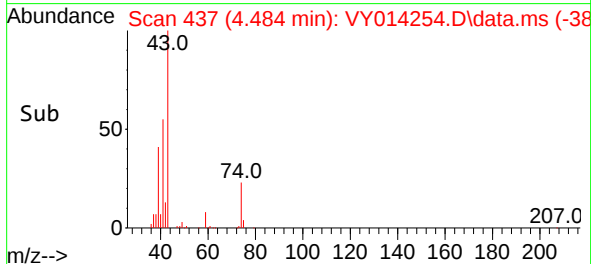
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBSD02



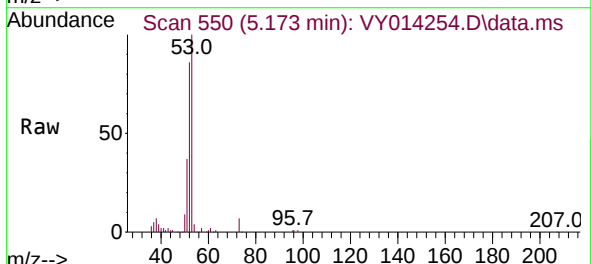
Tgt Ion: 41 Resp: 7327
 Ion Ratio Lower Upper
 41 100
 39 72.6 58.0 87.0
 76 34.7 27.4 41.2

Manual Integrations
 APPROVED

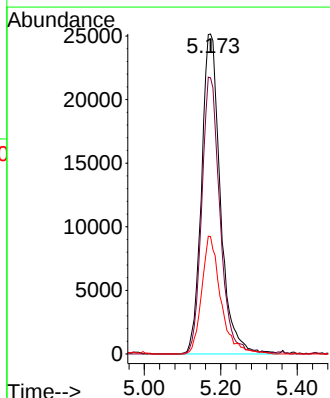
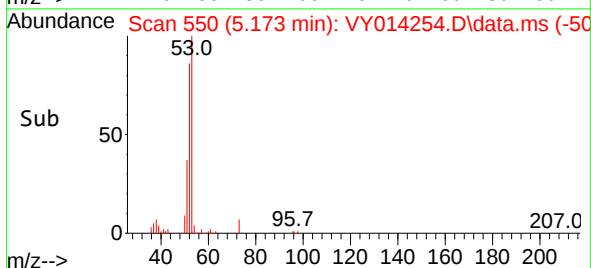
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023

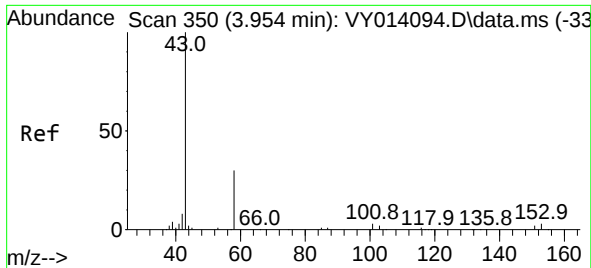


#15
 Acrylonitrile
 Concen: 116.013 ug/l
 RT: 5.173 min Scan# 550
 Delta R.T. 0.006 min
 Lab File: VY014254.D
 Acq: 20 Jun 2023 02:40



Tgt Ion: 53 Resp: 86103
 Ion Ratio Lower Upper
 53 100
 52 83.4 66.9 100.3
 51 37.3 29.8 44.6





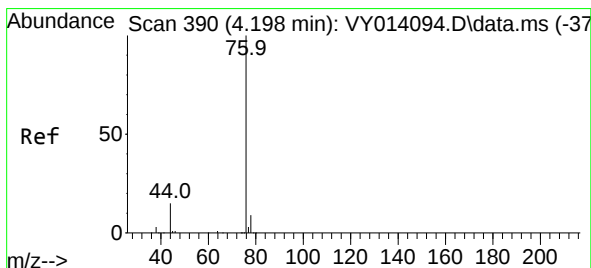
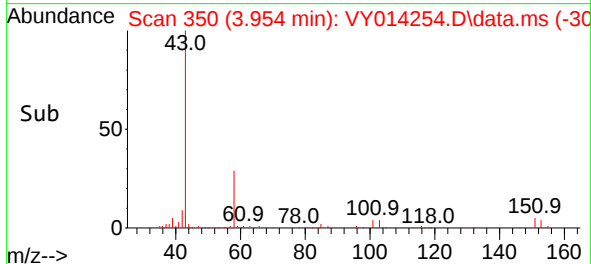
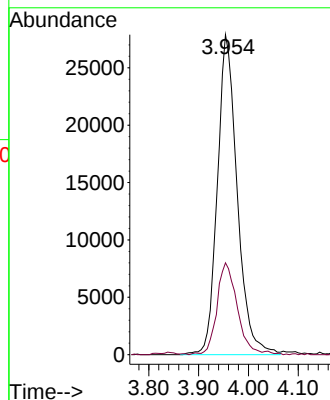
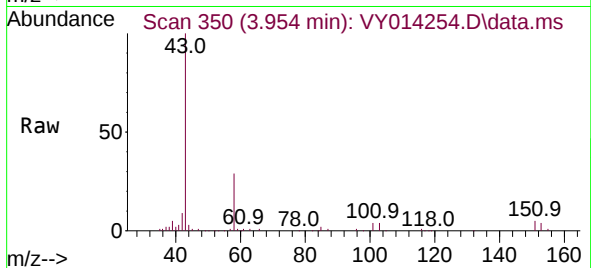
#16
Acetone
Concen: 95.290 ug/l
RT: 3.954 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

Tgt Ion: 43 Resp: 7722
Ion Ratio Lower Upper
43 100
58 28.5 22.7 34.1

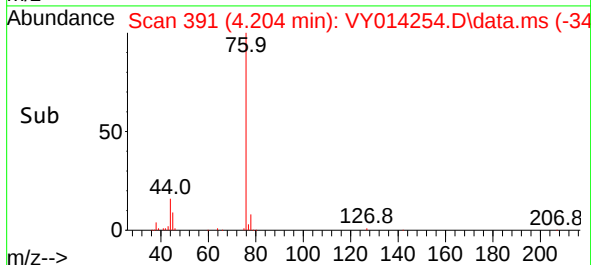
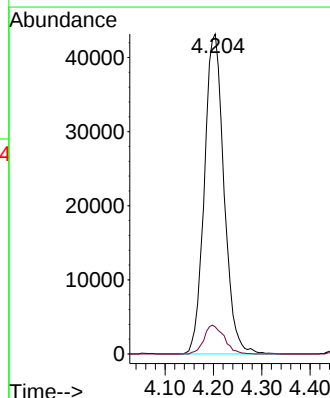
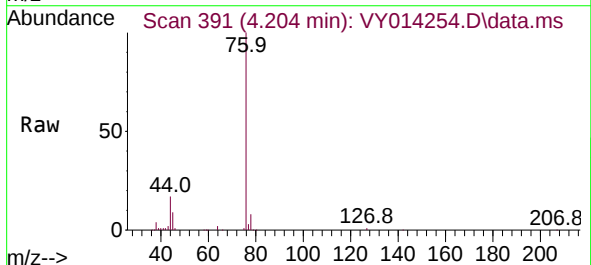
Manual Integrations
APPROVED

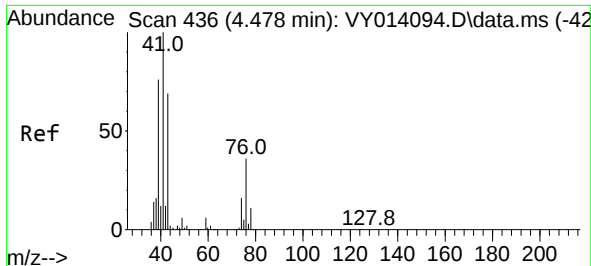
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#17
Carbon Disulfide
Concen: 17.019 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

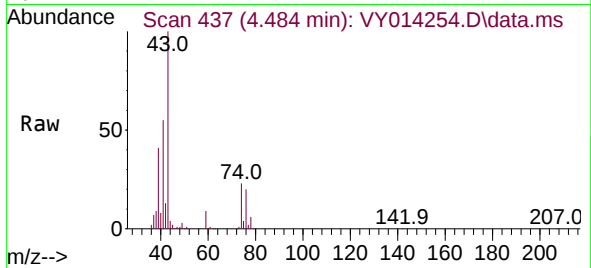
Tgt Ion: 76 Resp: 121570
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4





#18
Methyl Acetate
Concen: 39.657 ug/l
RT: 4.484 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

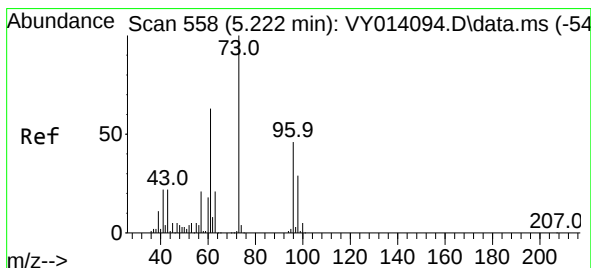
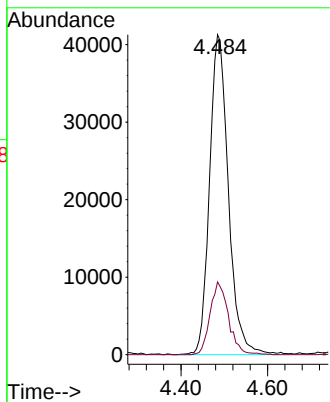
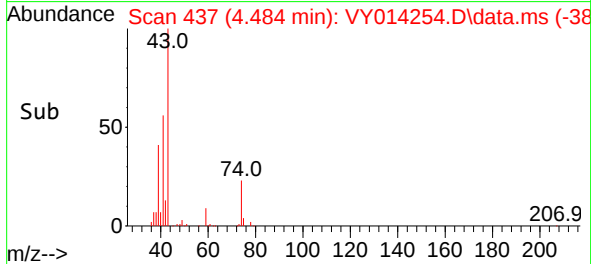
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



Tgt Ion: 43 Resp: 124740
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.0

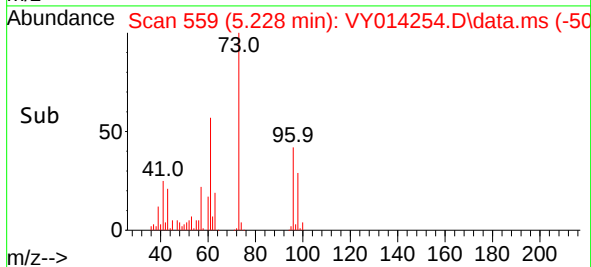
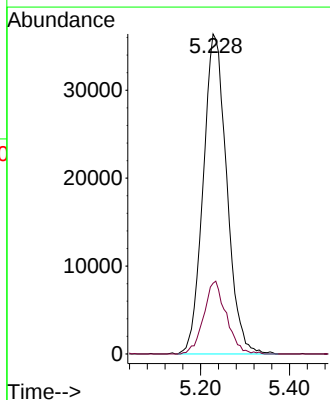
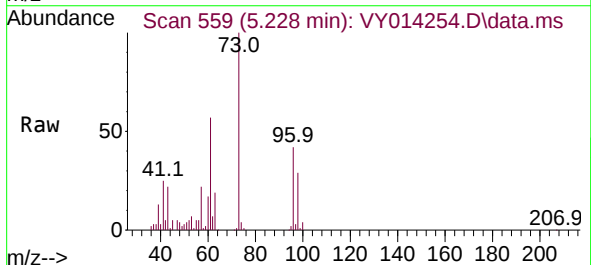
Manual Integrations
APPROVED

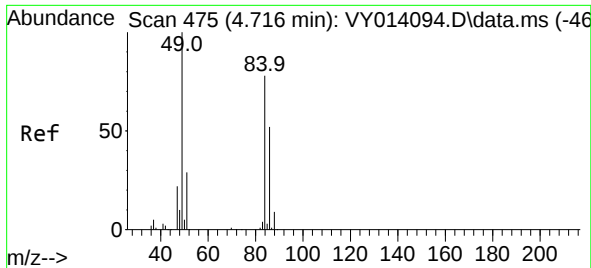
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#19
Methyl tert-butyl Ether
Concen: 20.632 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

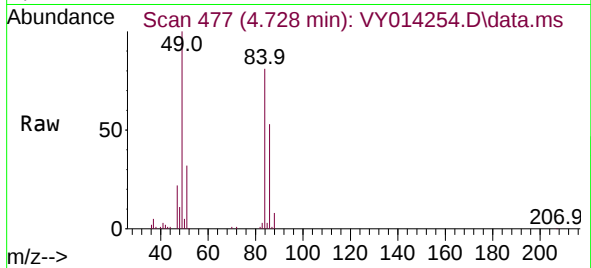
Tgt Ion: 73 Resp: 134140
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9





#20
Methylene Chloride
Concen: 27.927 ug/l
RT: 4.728 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

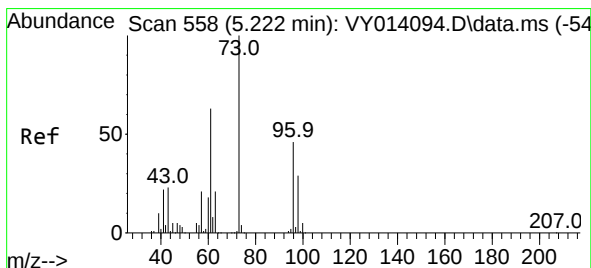
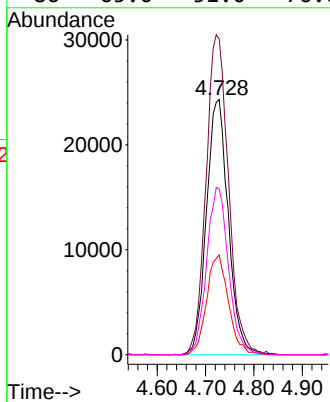
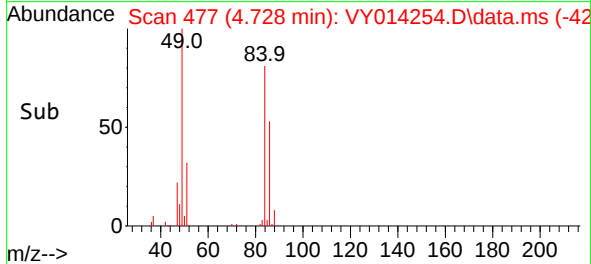
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



Tgt Ion: 84 Resp: 76340
Ion Ratio Lower Upper
84 100
49 123.7 106.9 160.3
51 39.0 33.2 49.8
86 65.0 51.0 76.6

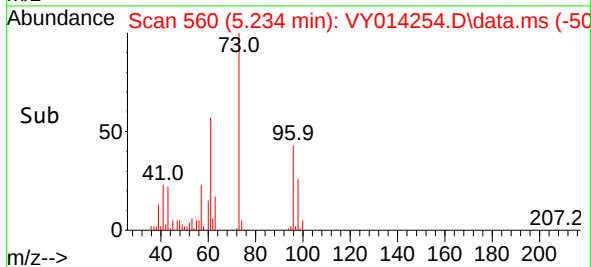
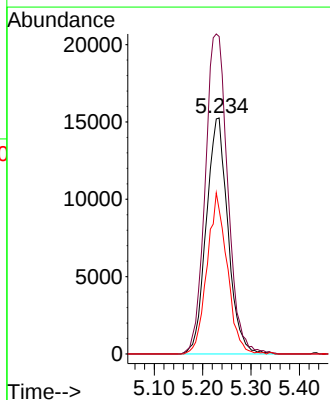
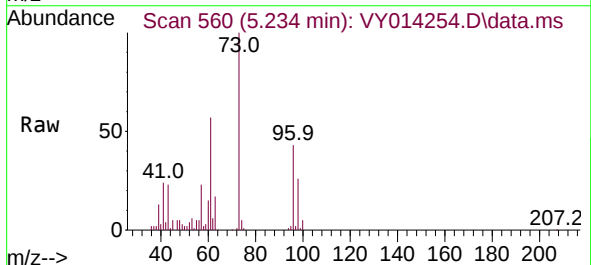
Manual Integrations
APPROVED

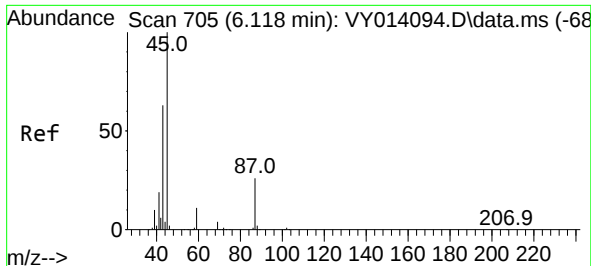
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#21
trans-1,2-Dichloroethene
Concen: 19.362 ug/l
RT: 5.234 min Scan# 560
Delta R.T. 0.012 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

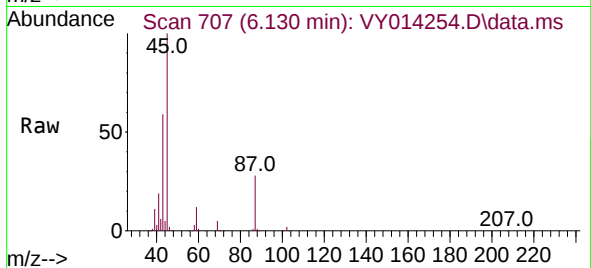
Tgt Ion: 96 Resp: 47605
Ion Ratio Lower Upper
96 100
61 134.5 110.2 165.4
98 61.1 51.8 77.6





#22
Diisopropyl ether
Concen: 19.883 ug/l
RT: 6.130 min Scan# 705
Delta R.T. 0.012 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

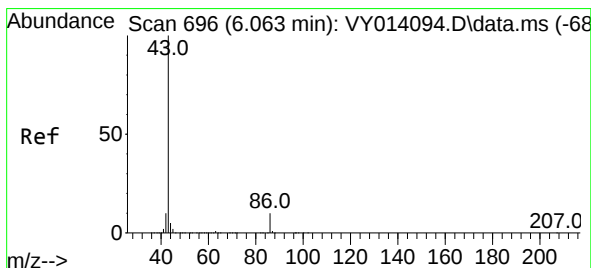
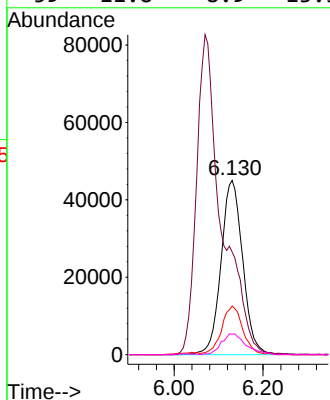
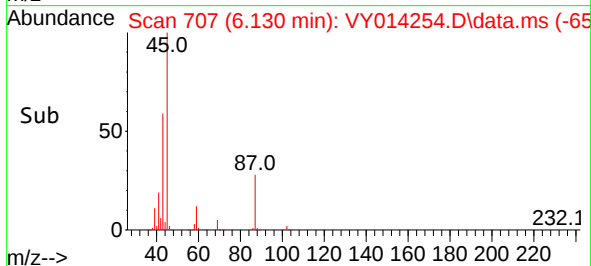
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD02



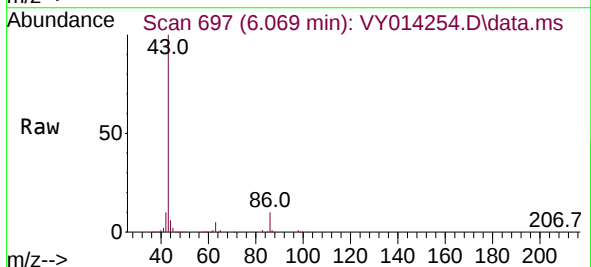
Tgt Ion: 45 Resp: 152118
Ion Ratio Lower Upper
45 100
43 58.3 52.2 78.4
87 27.9 21.0 31.6
59 11.8 8.9 13.3

Manual Integrations
APPROVED

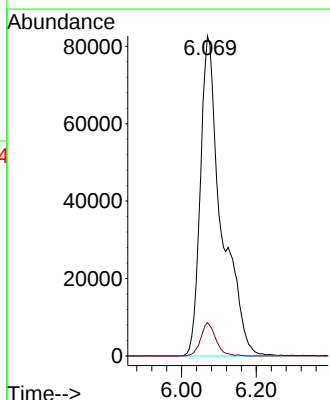
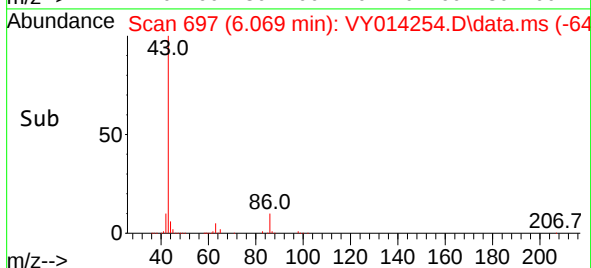
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

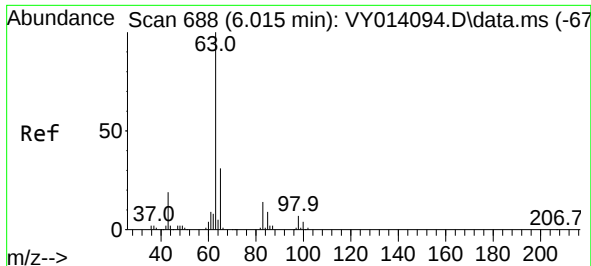


#23
Vinyl Acetate
Concen: 71.602 ug/l
RT: 6.069 min Scan# 697
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40



Tgt Ion: 43 Resp: 323208
Ion Ratio Lower Upper
43 100
86 10.4 7.5 11.3





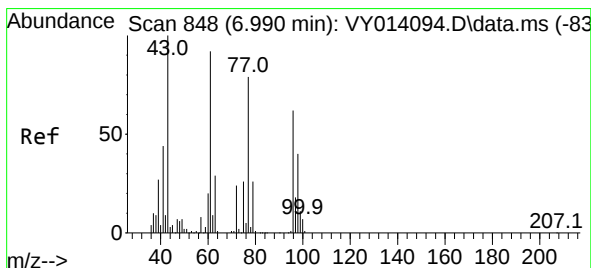
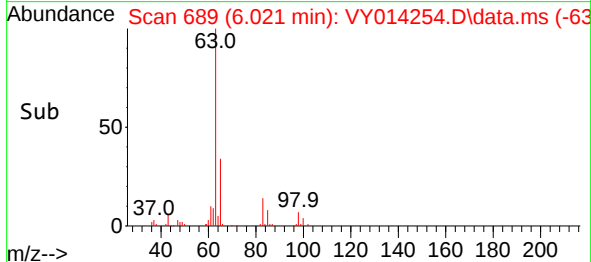
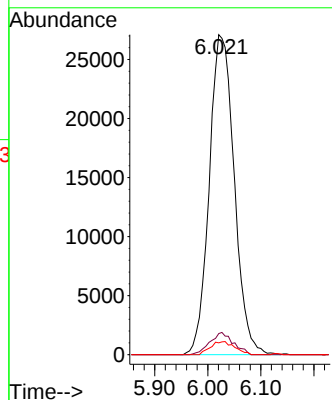
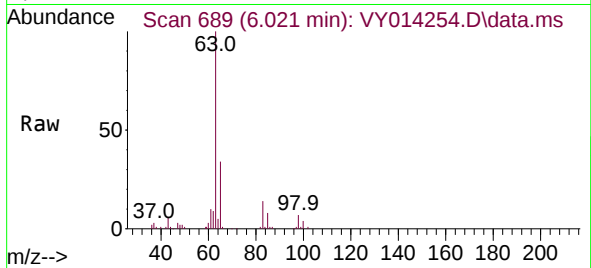
#24
1,1-Dichloroethane
Concen: 20.099 ug/l
RT: 6.021 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

Tgt Ion: 63 Resp: 8865
Ion Ratio Lower Upper
63 100
98 6.6 3.1 9.4
100 3.7 1.8 5.5

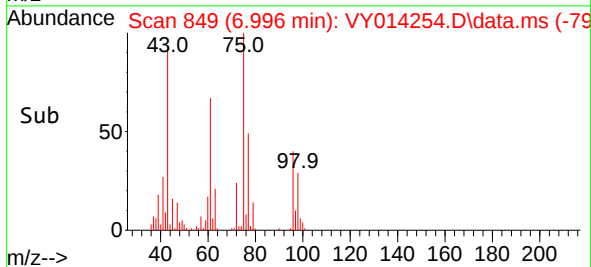
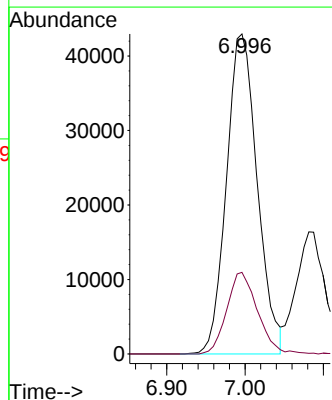
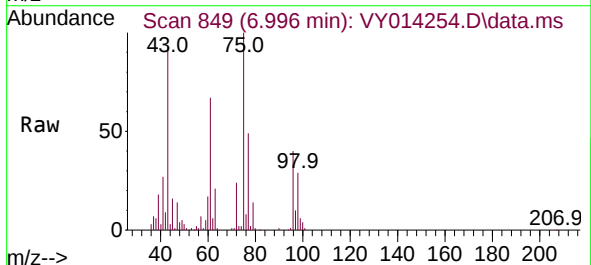
Manual Integrations
APPROVED

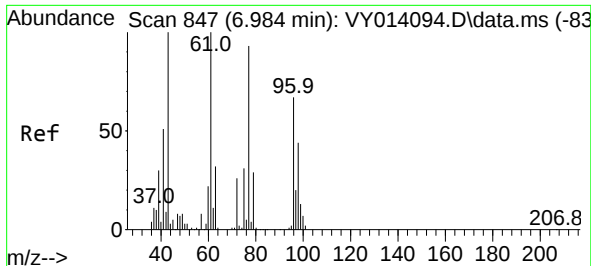
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#25
2-Butanone
Concen: 117.698 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Tgt Ion: 43 Resp: 117409
Ion Ratio Lower Upper
43 100
72 25.5 20.5 30.7





#26

2,2-Dichloropropane

Concen: 17.493 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

Tgt Ion: 77 Resp: 72475

Ion Ratio Lower Upper

77 100

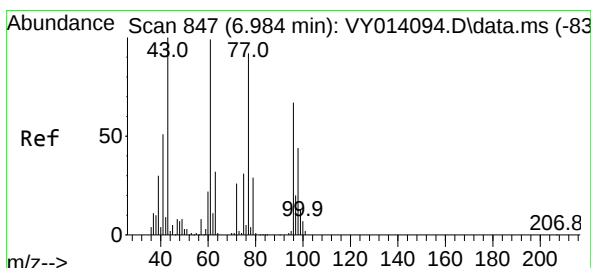
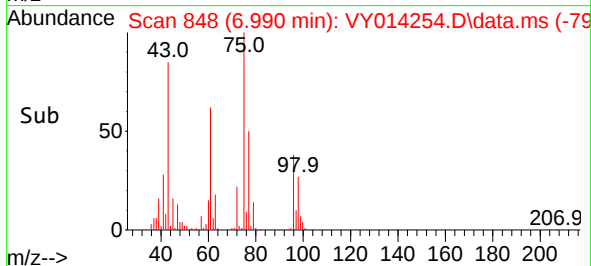
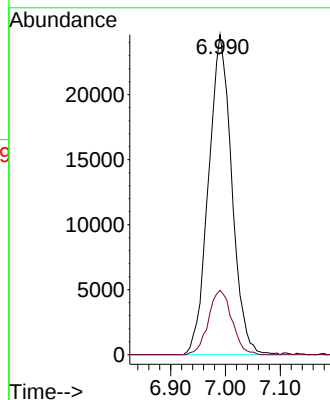
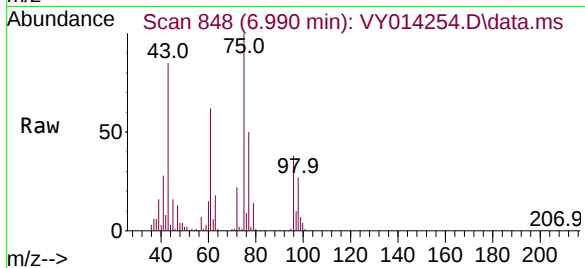
97 20.3 10.9 32.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#27

cis-1,2-Dichloroethene

Concen: 19.987 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

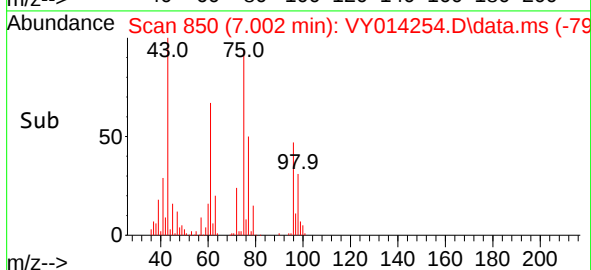
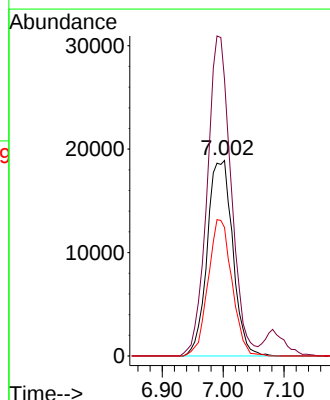
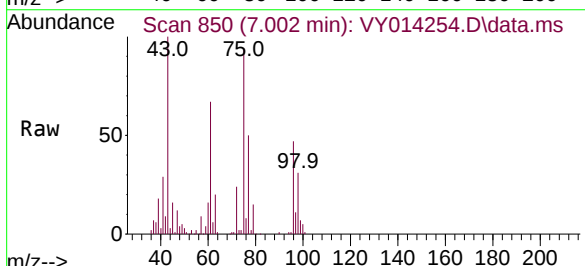
Tgt Ion: 96 Resp: 54971

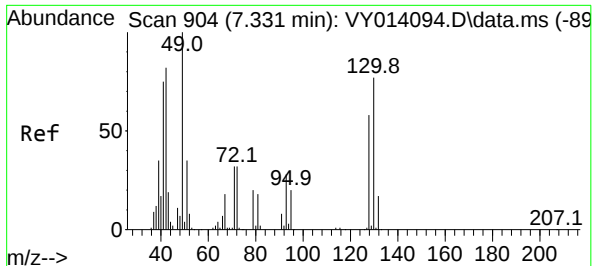
Ion Ratio Lower Upper

96 100

61 153.9 0.0 301.4

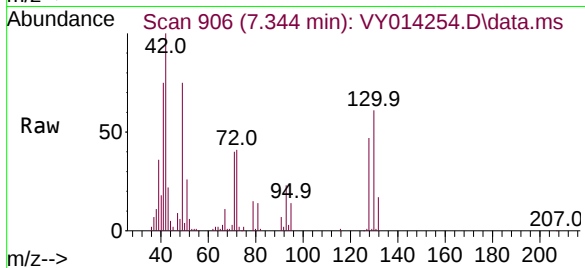
98 65.3 0.0 130.4





#28
Bromochloromethane
Concen: 22.041 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.013 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

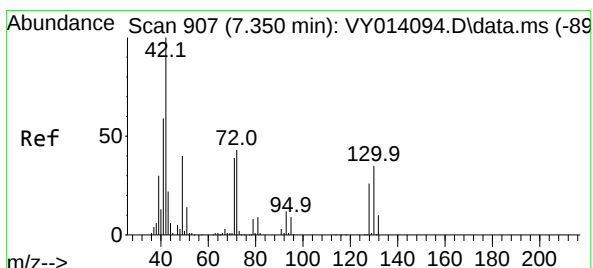
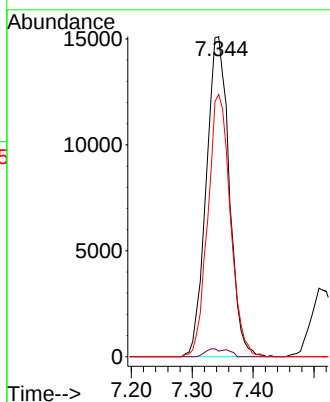
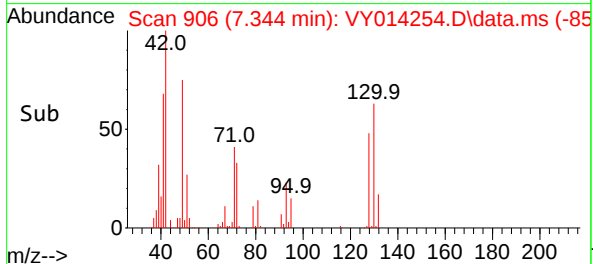
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



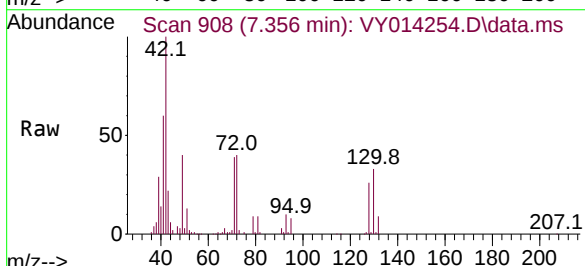
Tgt Ion: 49 Resp: 39538
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.6
130 80.5 60.7 91.1

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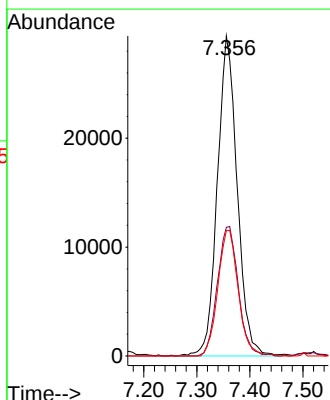
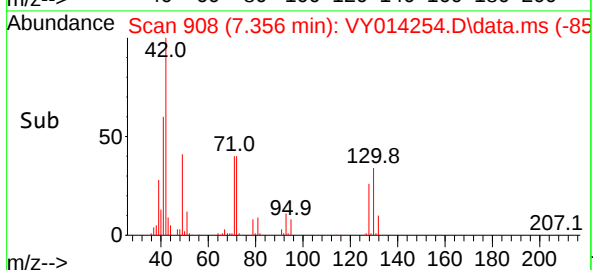
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

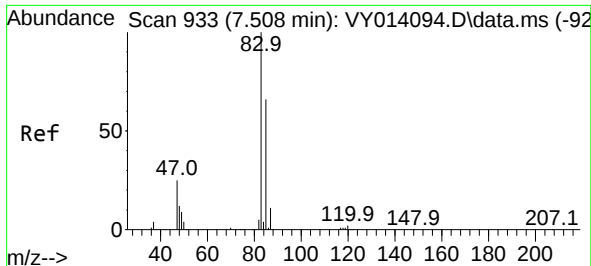


#29
Tetrahydrofuran
Concen: 120.641 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40



Tgt Ion: 42 Resp: 76312
Ion Ratio Lower Upper
42 100
72 42.5 32.8 49.2
71 40.3 31.0 46.4





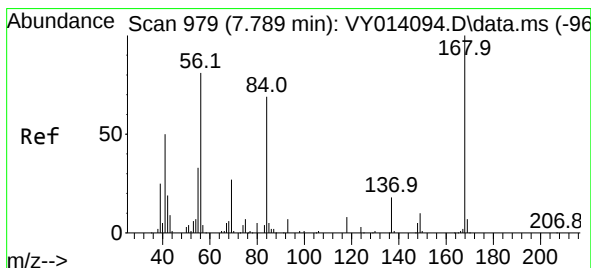
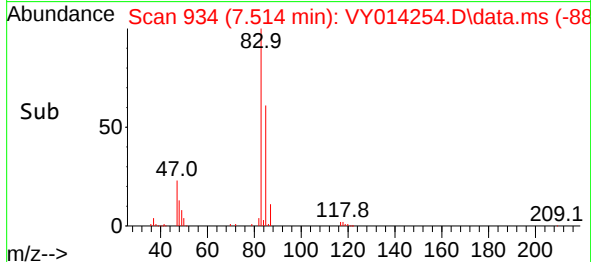
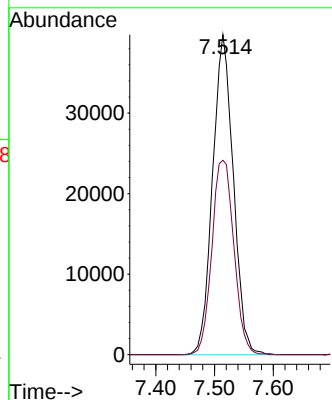
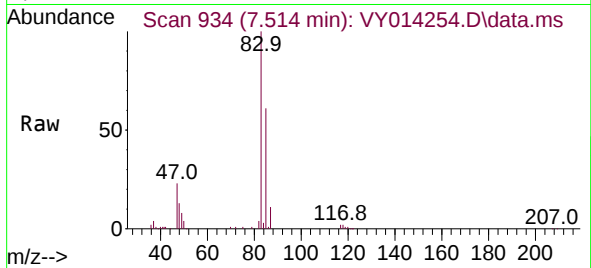
#30
Chloroform
Concen: 20.789 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

Tgt Ion: 83 Resp: 9728
Ion Ratio Lower Upper
83 100
85 60.8 49.7 74.5

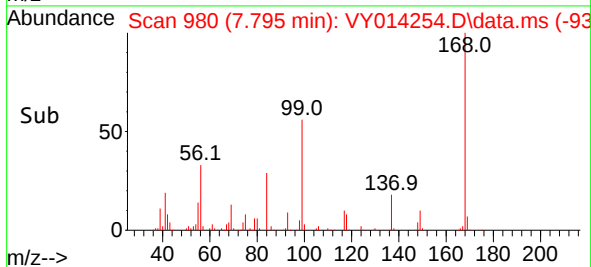
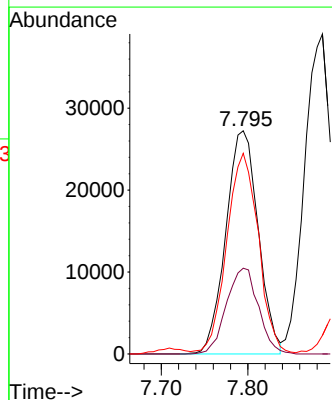
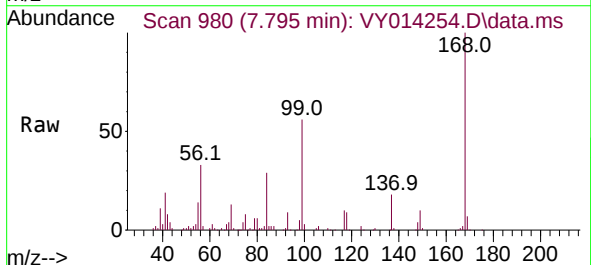
Manual Integrations
APPROVED

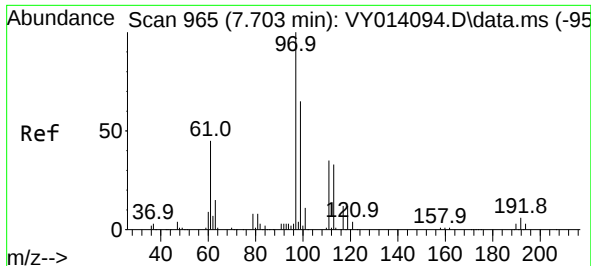
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#31
Cyclohexane
Concen: 19.668 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

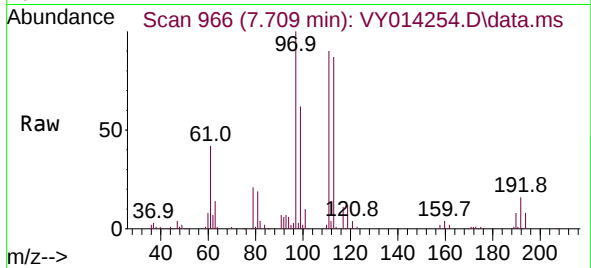
Tgt Ion: 56 Resp: 70832
Ion Ratio Lower Upper
56 100
69 38.4 27.8 41.6
84 87.9 66.4 99.6





#32
1,1,1-Trichloroethane
Concen: 20.725 ug/l
RT: 7.709 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

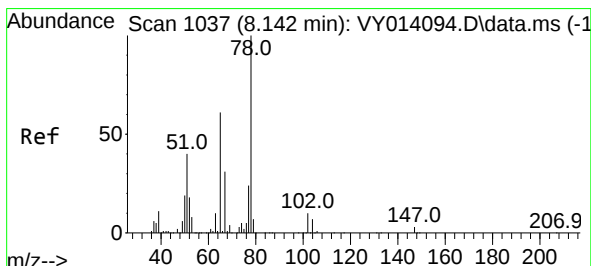
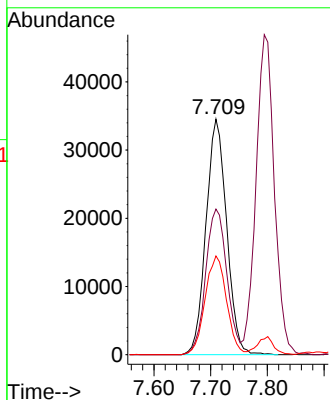
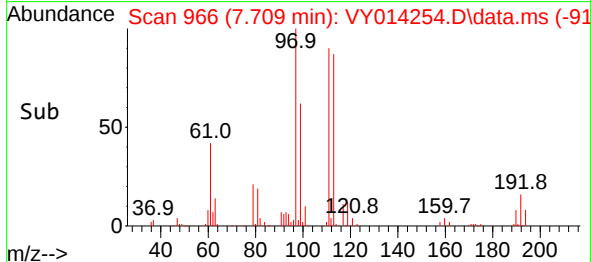
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



Tgt Ion: 97 Resp: 8747
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 43.4 35.1 52.7

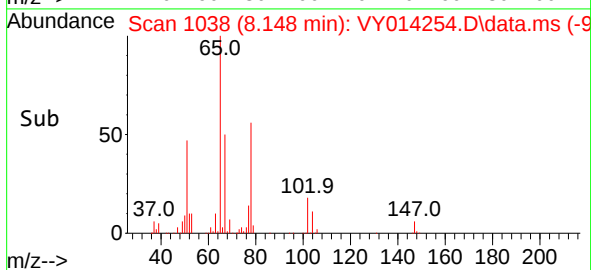
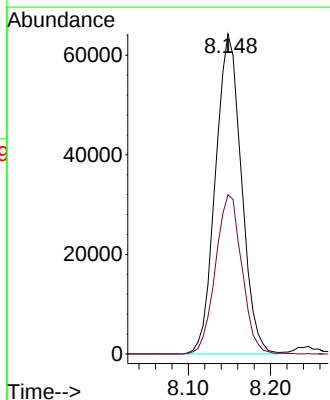
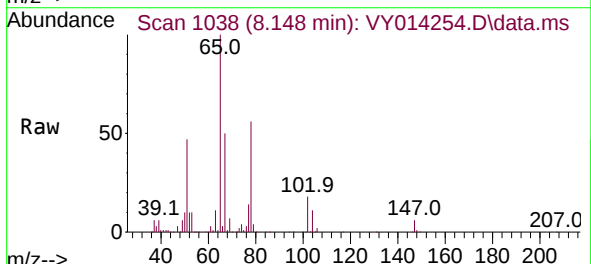
Manual Integrations
APPROVED

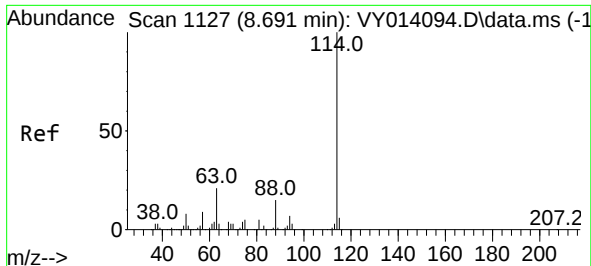
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#33
1,2-Dichloroethane-d4
Concen: 52.450 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Tgt Ion: 65 Resp: 141010
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

Tgt Ion:114 Resp: 302350

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

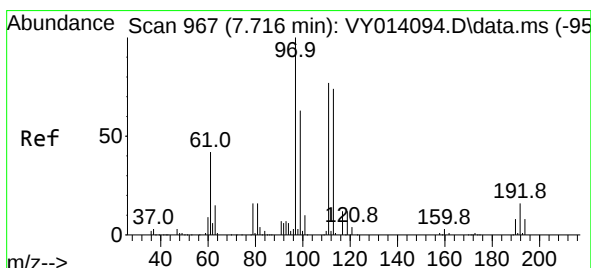
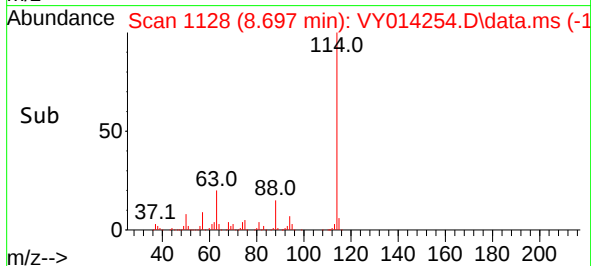
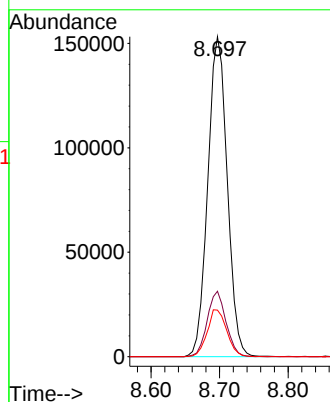
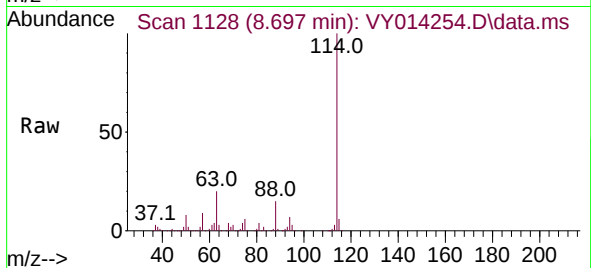
88 14.6 0.0 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#35

Dibromofluoromethane

Concen: 55.957 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

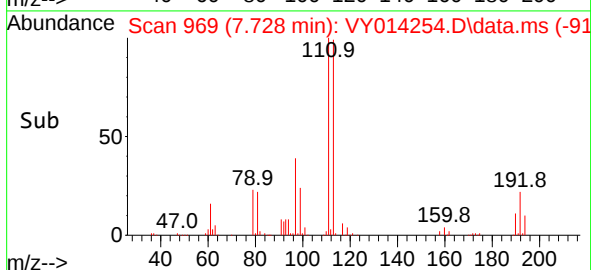
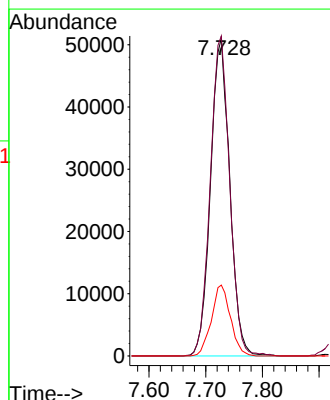
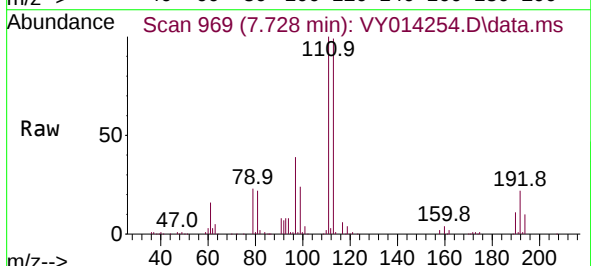
Tgt Ion:113 Resp: 119983

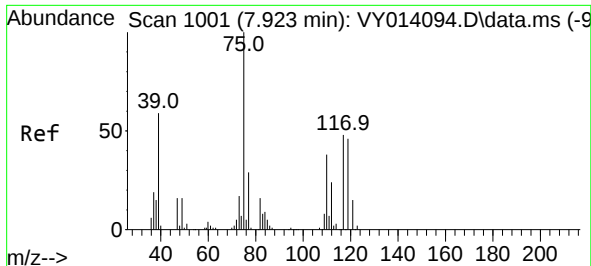
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 22.1 16.9 25.3





#36

1,1-Dichloropropene

Concen: 19.945 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

Tgt Ion: 75 Resp: 66674

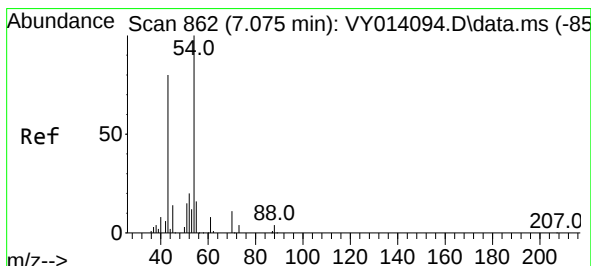
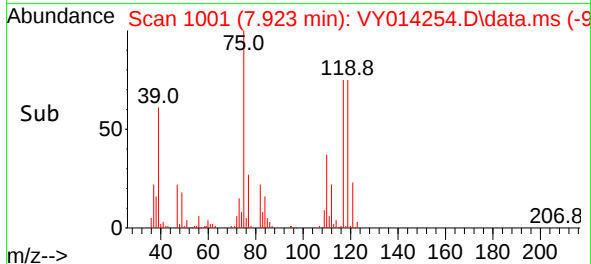
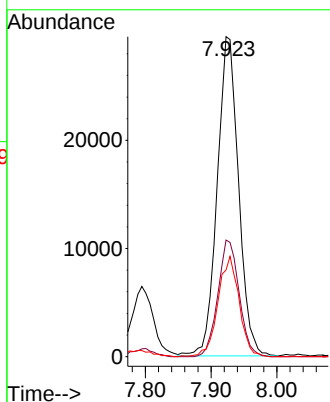
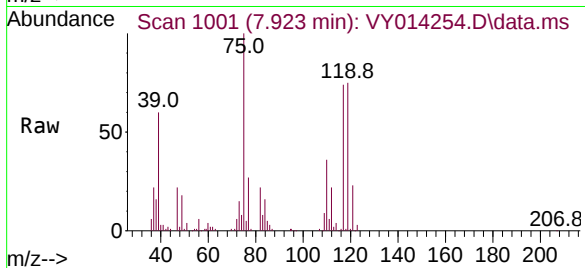
Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.8	53.5
77	31.1	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#37

Ethyl Acetate

Concen: 18.930 ug/l

RT: 7.081 min Scan# 863

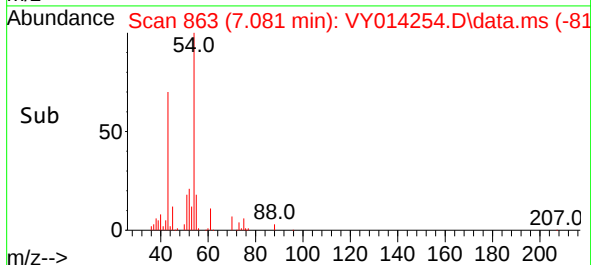
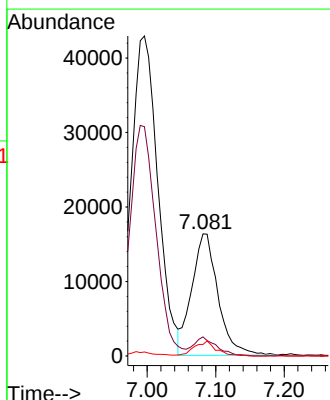
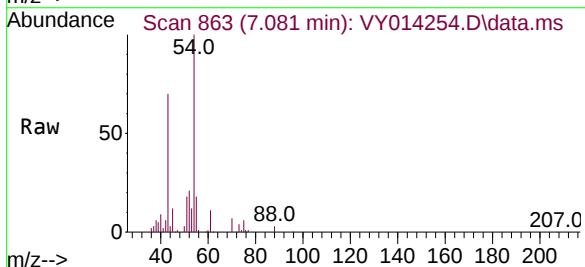
Delta R.T. 0.006 min

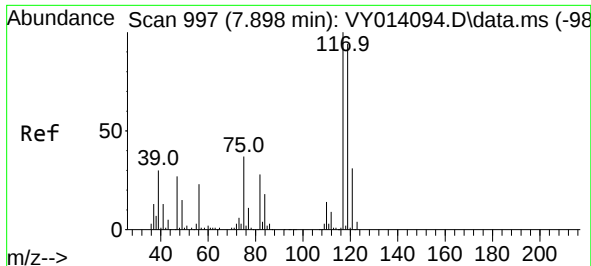
Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

Tgt Ion: 43 Resp: 43663

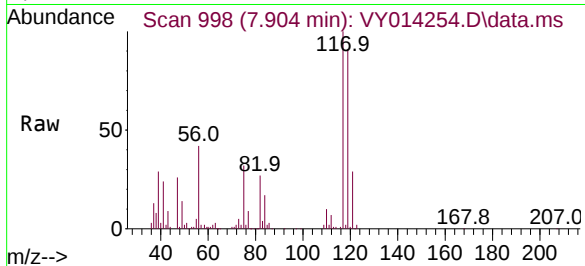
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.1	15.1
70	10.2	7.1	10.7





#38
Carbon Tetrachloride
Concen: 20.812 ug/l
RT: 7.904 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

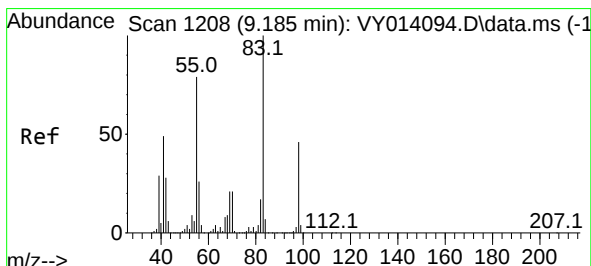
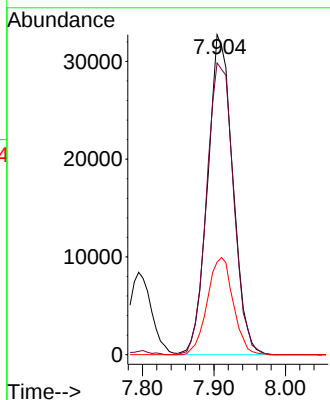
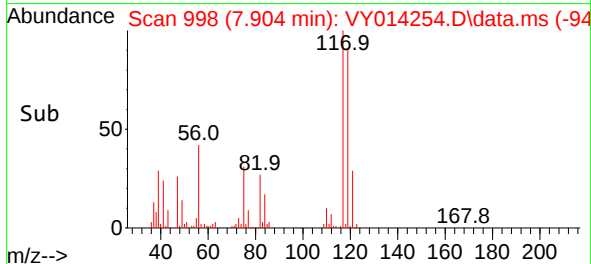
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



Tgt Ion: 117 Resp: 8028
Ion Ratio Lower Upper
117 100
119 91.2 76.4 114.6
121 28.9 25.8 38.6

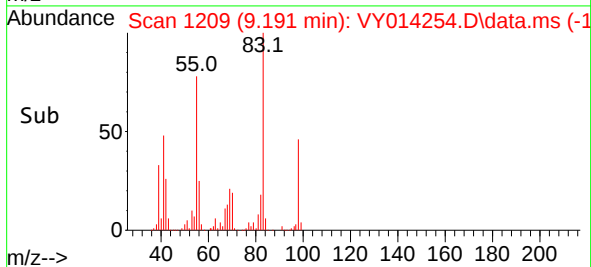
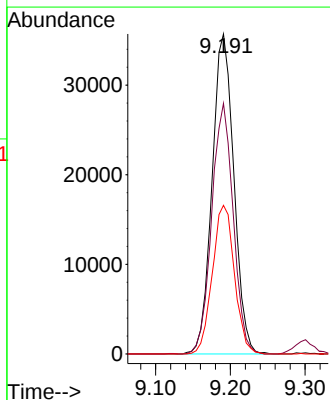
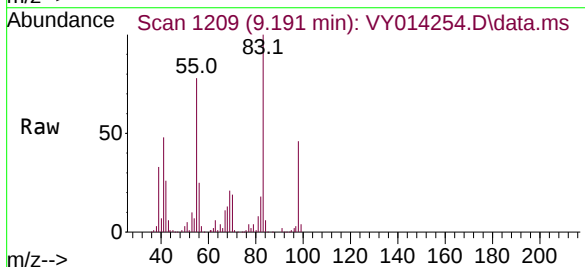
Manual Integrations
APPROVED

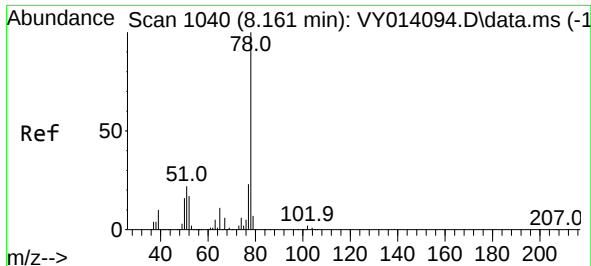
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#39
Methylcyclohexane
Concen: 19.457 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

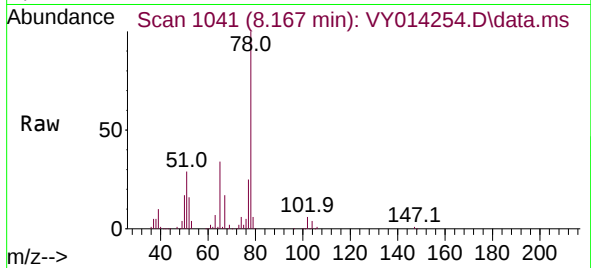
Tgt Ion: 83 Resp: 72165
Ion Ratio Lower Upper
83 100
55 78.3 63.0 94.4
98 46.5 37.4 56.2





#40
Benzene
Concen: 20.176 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

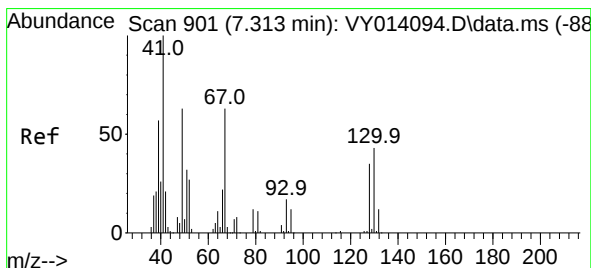
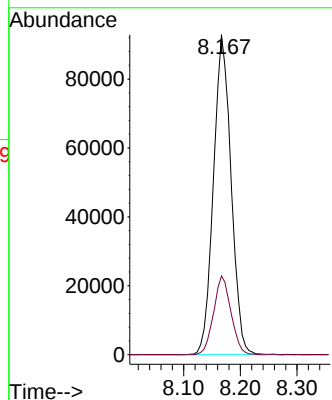
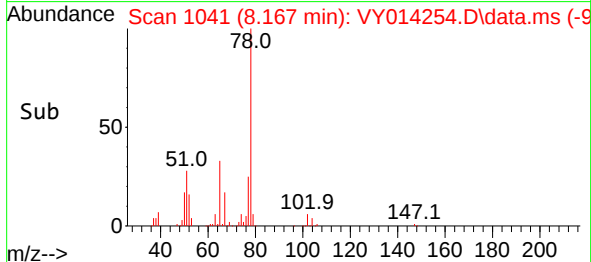
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



Tgt Ion: 78 Resp: 200559
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6

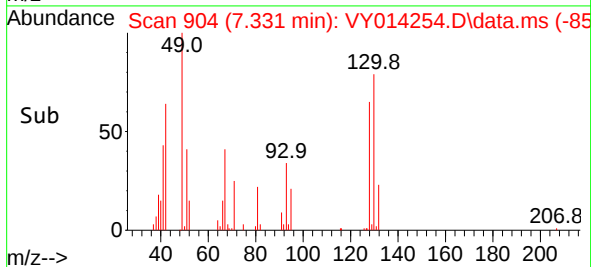
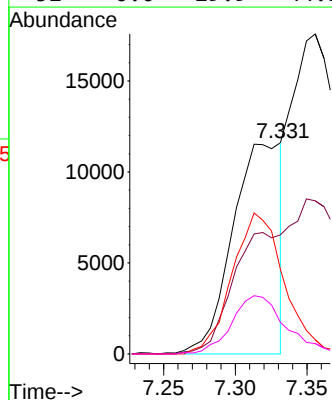
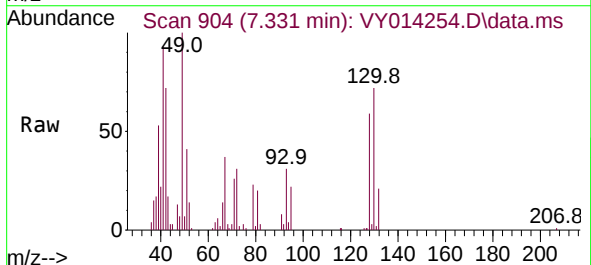
Manual Integrations
APPROVED

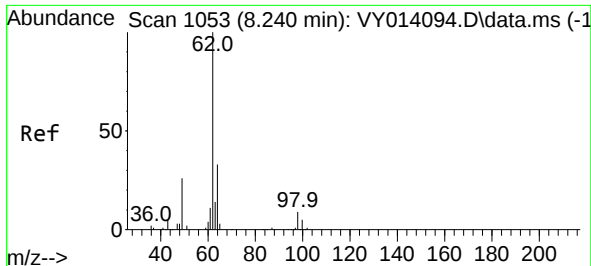
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#41
Methacrylonitrile
Concen: 23.284 ug/l m
RT: 7.331 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Tgt Ion: 41 Resp: 27408
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#





#42

1,2-Dichloroethane

Concen: 20.930 ug/l

RT: 8.246 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

Tgt Ion: 62 Resp: 7357

Ion Ratio Lower Upper

62 100

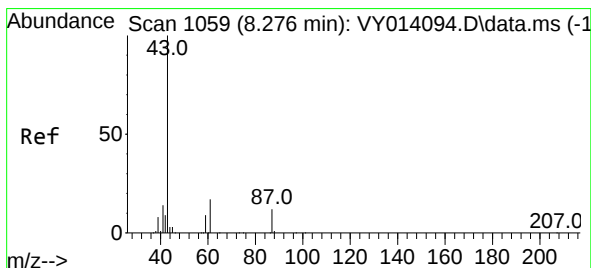
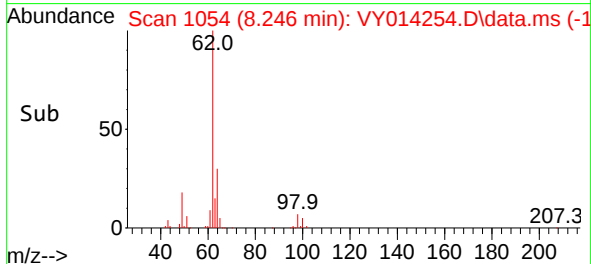
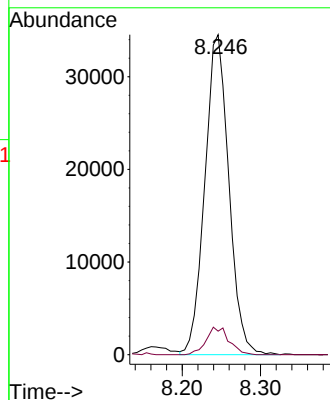
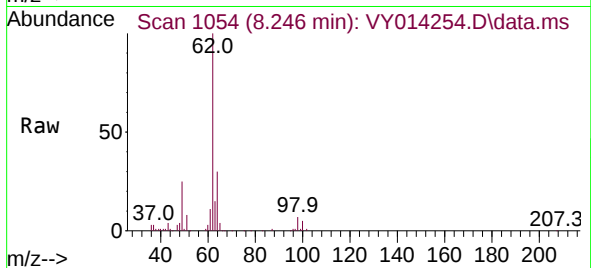
98 8.2 0.0 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#43

Isopropyl Acetate

Concen: 18.937 ug/l

RT: 8.276 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

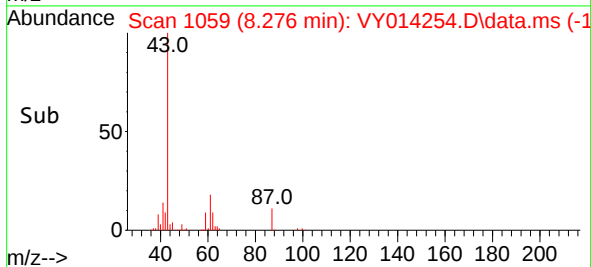
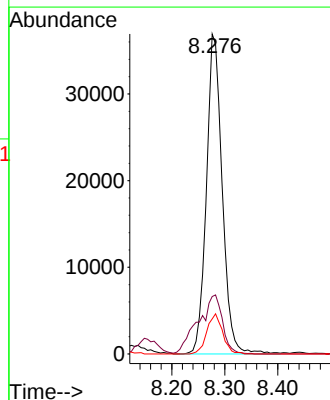
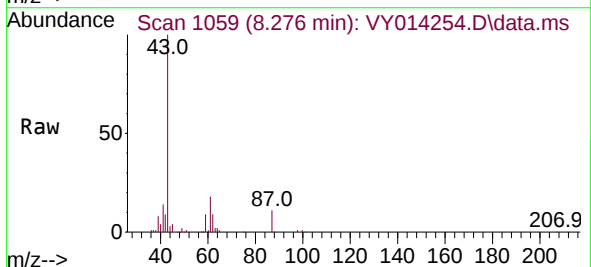
Tgt Ion: 43 Resp: 76556

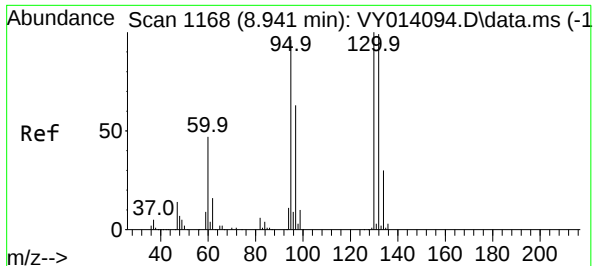
Ion Ratio Lower Upper

43 100

61 28.4 21.1 31.7

87 12.5 9.8 14.8





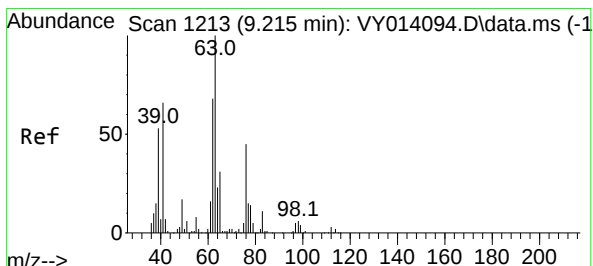
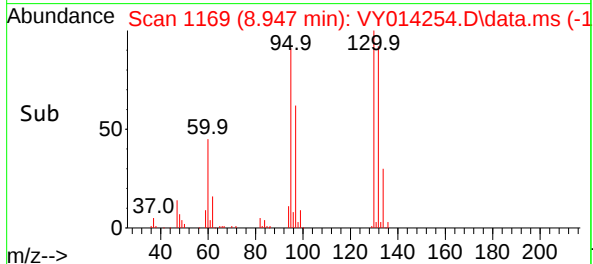
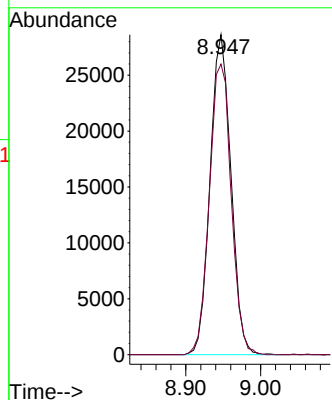
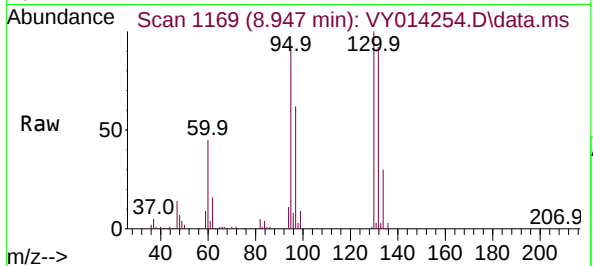
#44
Trichloroethene
Concen: 20.937 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

Tgt Ion:130 Resp: 55604
Ion Ratio Lower Upper
130 100
95 90.8 0.0 196.0

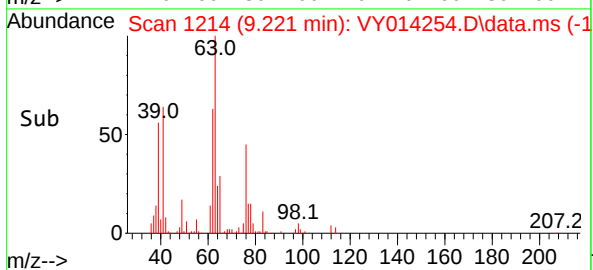
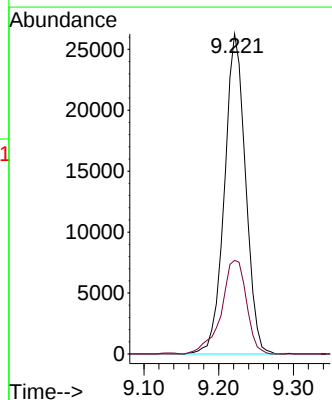
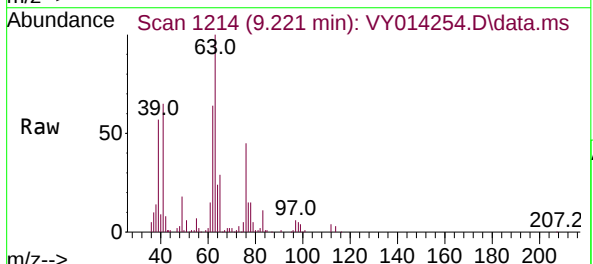
Manual Integrations
APPROVED

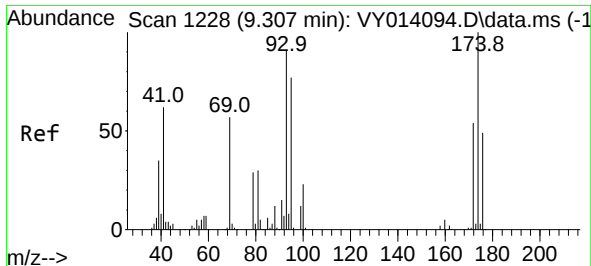
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#45
1,2-Dichloropropane
Concen: 20.365 ug/l
RT: 9.221 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

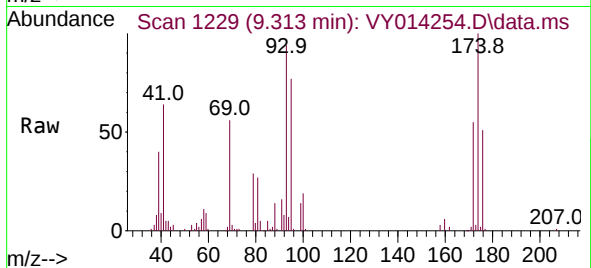
Tgt Ion: 63 Resp: 51417
Ion Ratio Lower Upper
63 100
65 29.2 23.8 35.6





#46
Dibromomethane
Concen: 20.471 ug/l
RT: 9.313 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

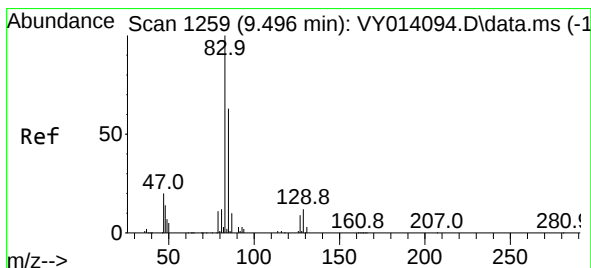
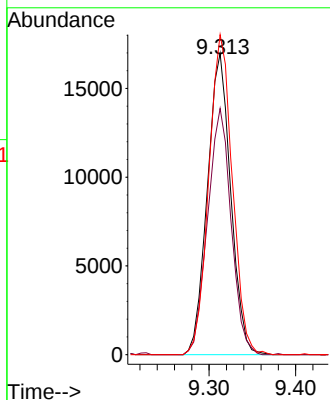
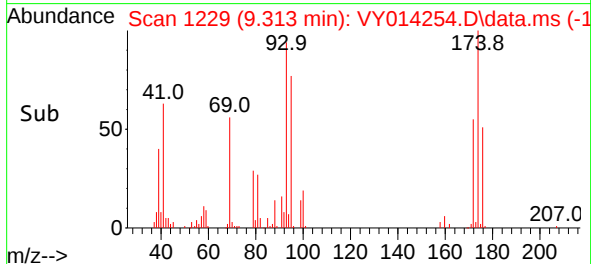
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



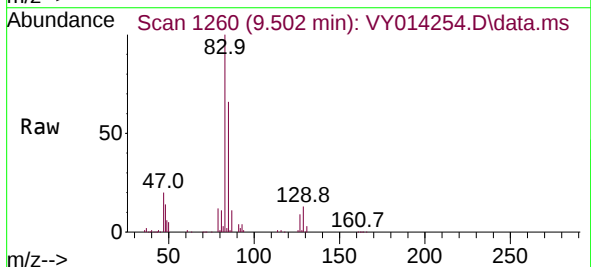
Tgt Ion: 93 Resp: 31810
Ion Ratio Lower Upper
93 100
95 82.2 66.6 100.0
174 107.3 84.8 127.2

Manual Integrations
APPROVED

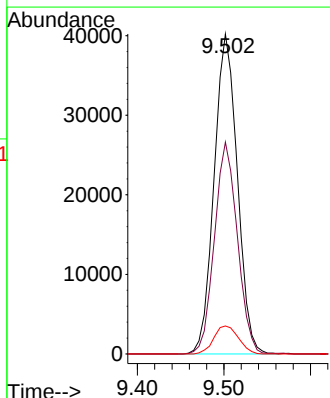
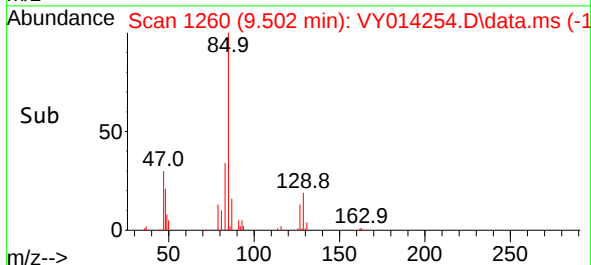
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

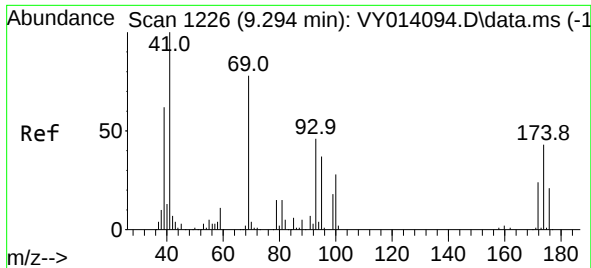


#47
Bromodichloromethane
Concen: 20.573 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40



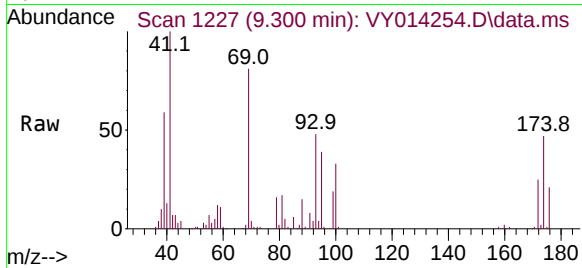
Tgt Ion: 83 Resp: 74866
Ion Ratio Lower Upper
83 100
85 66.2 50.1 75.1
127 8.8 7.1 10.7





#48
Methyl methacrylate
Concen: 21.947 ug/l
RT: 9.300 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

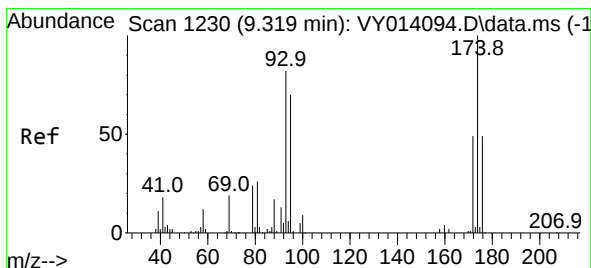
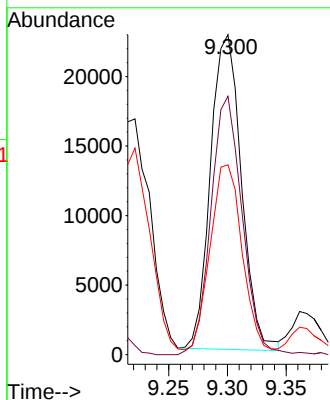
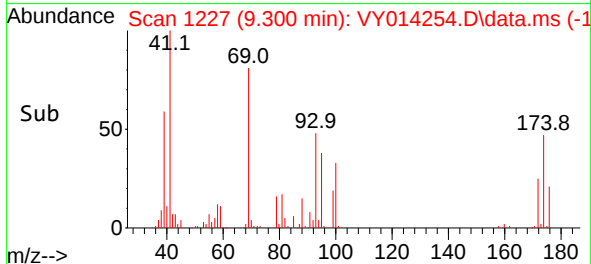
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



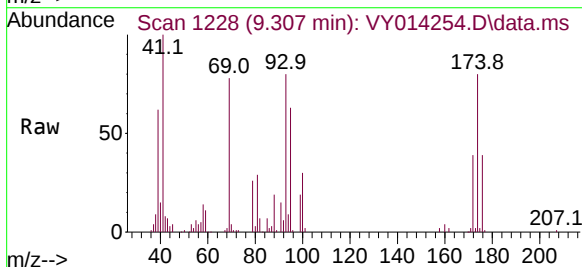
Tgt Ion: 41 Resp: 4138
Ion Ratio Lower Upper
41 100
69 83.1 64.5 96.7
39 63.0 50.8 76.2

Manual Integrations
APPROVED

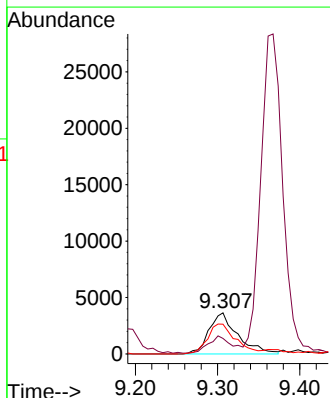
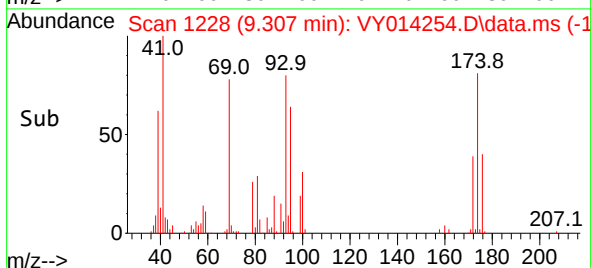
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

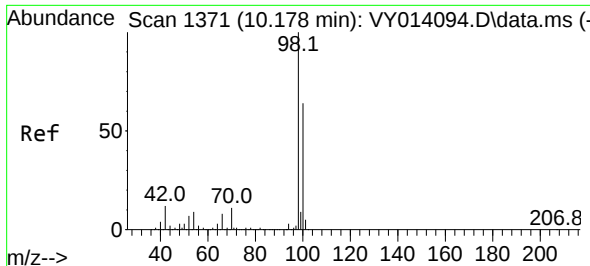


#49
1,4-Dioxane
Concen: 446.980 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.012 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40



Tgt Ion: 88 Resp: 8827
Ion Ratio Lower Upper
88 100
43 29.2 0.0 0.0#
58 71.0 30.9 46.3#





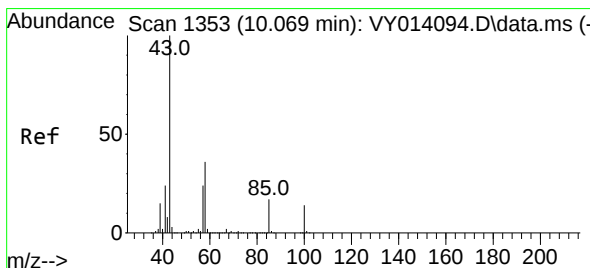
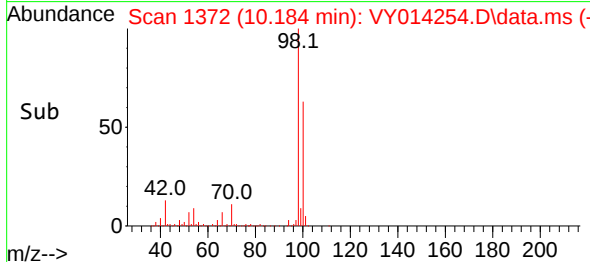
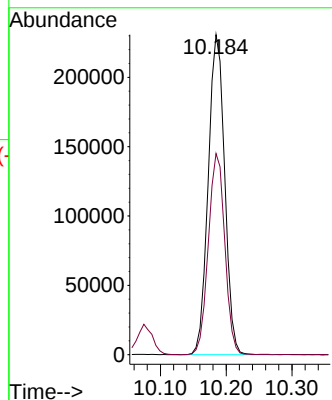
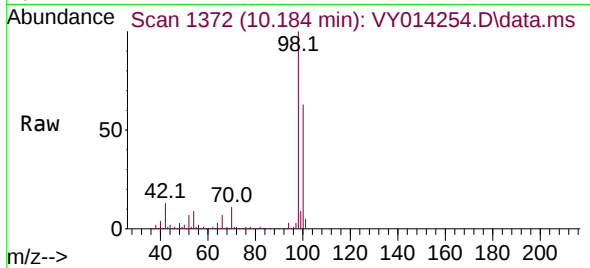
#50
Toluene-d8
Concen: 50.103 ug/l
RT: 10.184 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

Tgt Ion: 98 Resp: 40164
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

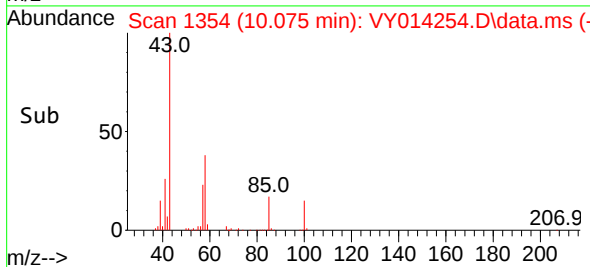
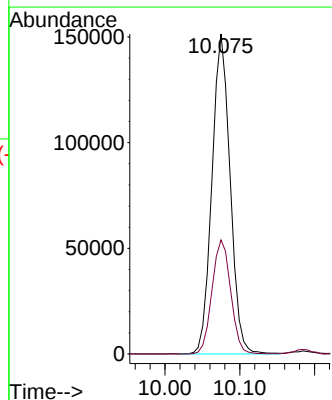
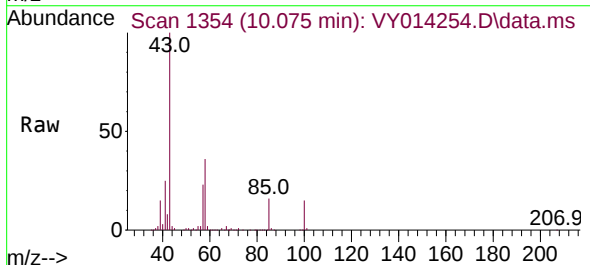
Manual Integrations
APPROVED

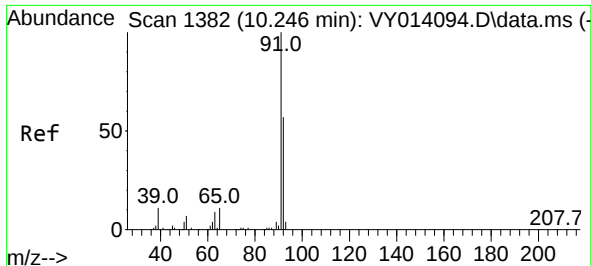
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#51
4-Methyl-2-Pentanone
Concen: 116.484 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

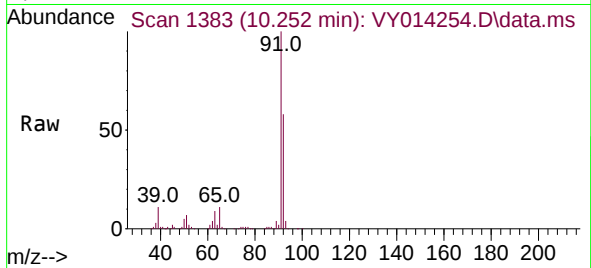
Tgt Ion: 43 Resp: 255831
Ion Ratio Lower Upper
43 100
58 36.5 29.0 43.6





#52
Toluene
Concen: 20.549 ug/l
RT: 10.252 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

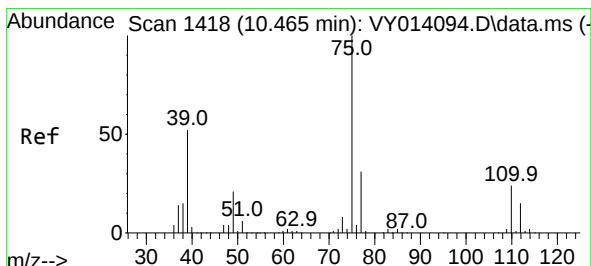
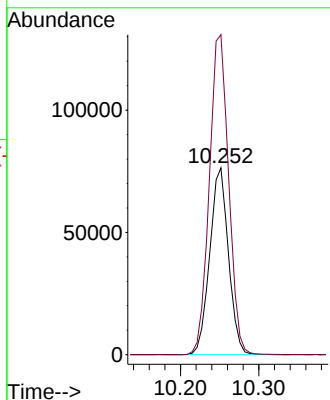
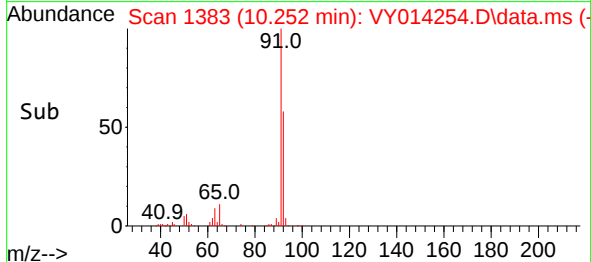
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



Tgt Ion: 92 Resp: 126624
Ion Ratio Lower Upper
92 100
91 177.0 143.8 215.6

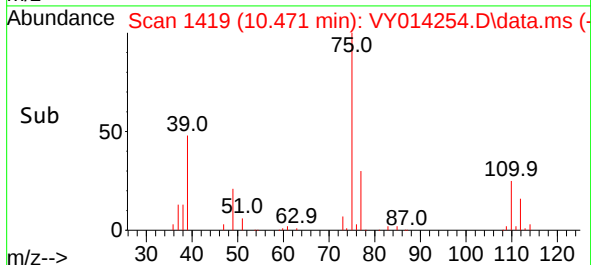
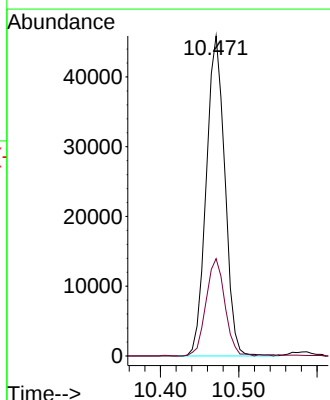
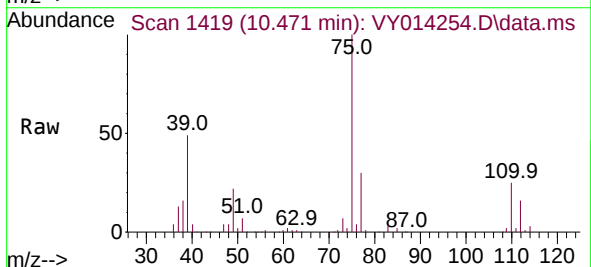
Manual Integrations
APPROVED

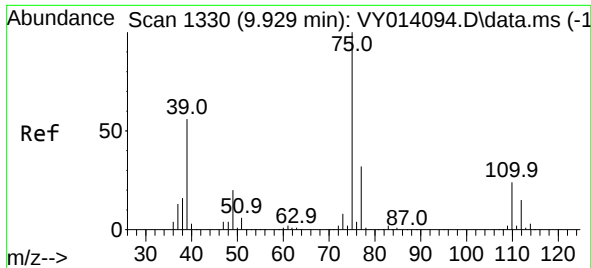
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#53
t-1,3-Dichloropropene
Concen: 19.708 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

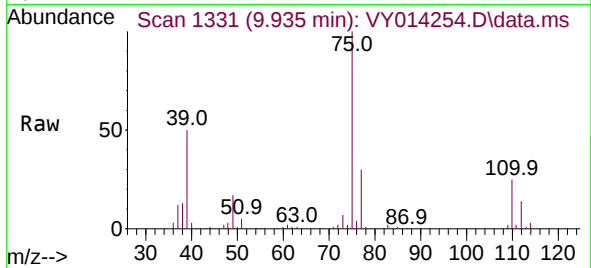
Tgt Ion: 75 Resp: 75496
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.4





#54
 cis-1,3-Dichloropropene
 Concen: 19.659 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY014254.D
 Acq: 20 Jun 2023 02:40

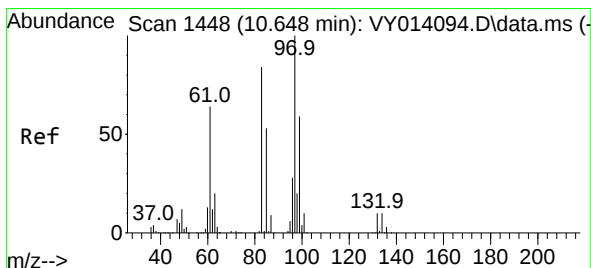
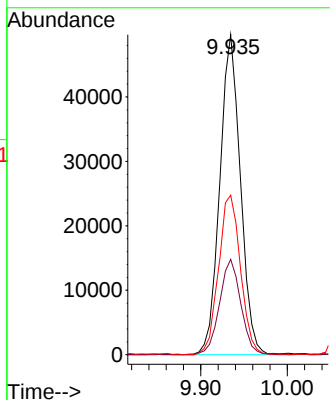
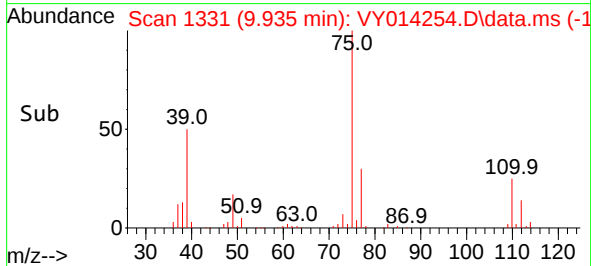
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS02



Tgt Ion: 75 Resp: 8216
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.2 36.4
 39 49.6 42.2 63.4

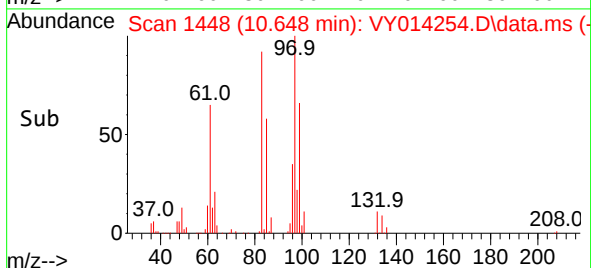
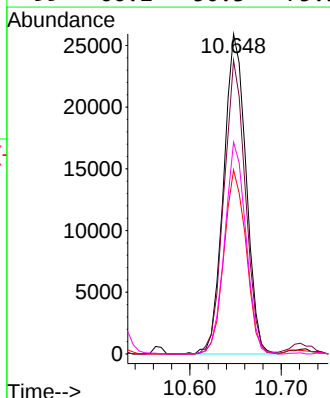
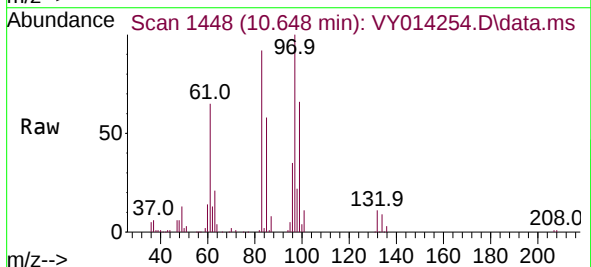
Manual Integrations
 APPROVED

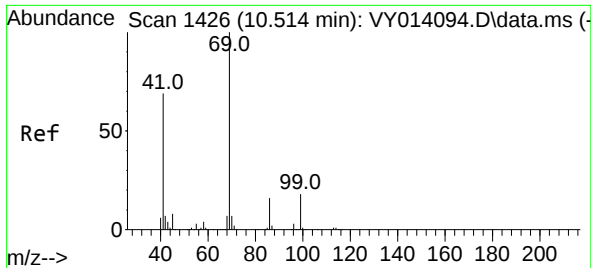
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023



#55
 1,1,2-Trichloroethane
 Concen: 21.405 ug/l
 RT: 10.648 min Scan# 1448
 Delta R.T. -0.000 min
 Lab File: VY014254.D
 Acq: 20 Jun 2023 02:40

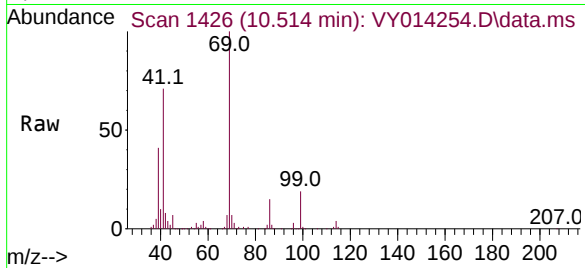
Tgt Ion: 97 Resp: 44124
 Ion Ratio Lower Upper
 97 100
 83 91.8 72.0 108.0
 85 57.5 45.4 68.0
 99 66.2 50.3 75.5





#56
Ethyl methacrylate
Concen: 20.598 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

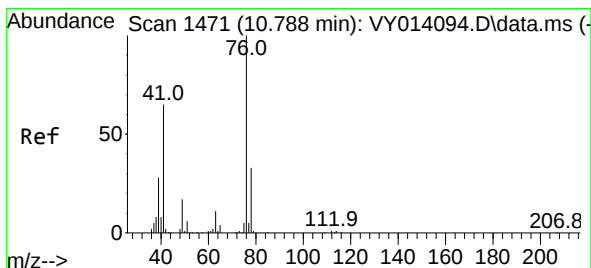
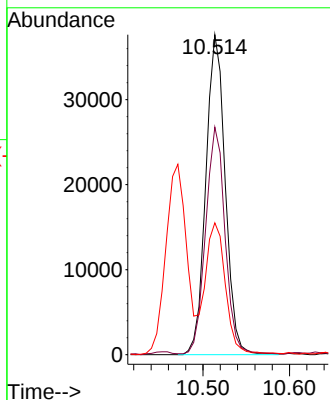
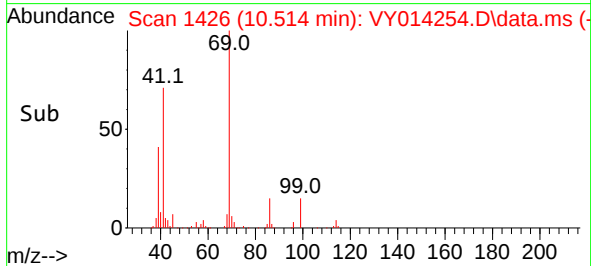
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



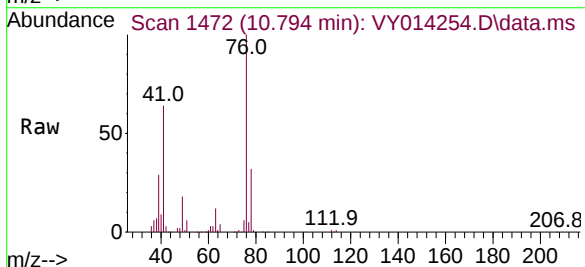
Tgt Ion: 69 Resp: 5856
Ion Ratio Lower Upper
69 100
41 71.0 57.6 86.4
39 43.4 34.1 51.1

Manual Integrations
APPROVED

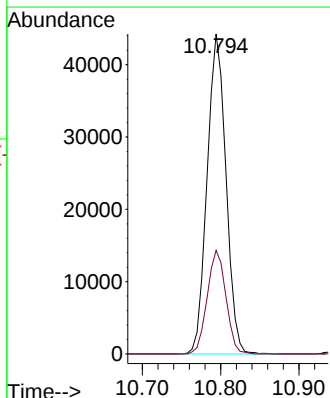
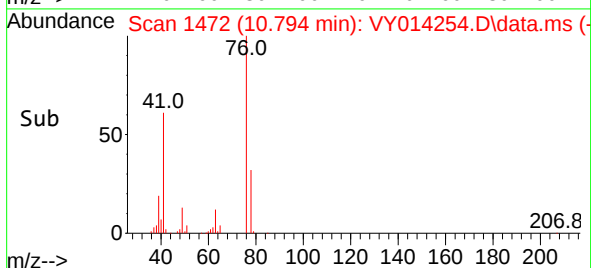
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

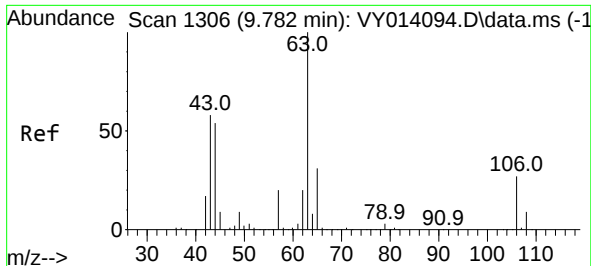


#57
1,3-Dichloropropane
Concen: 20.978 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40



Tgt Ion: 76 Resp: 73960
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9





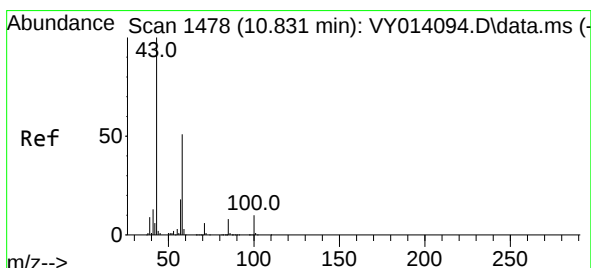
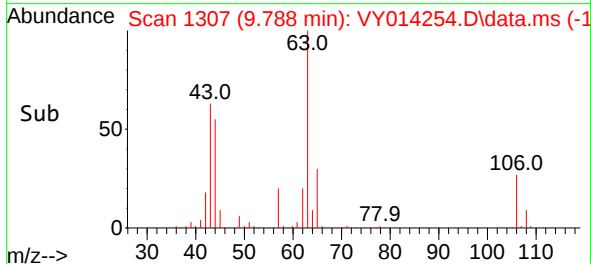
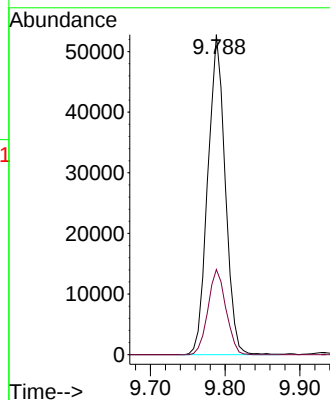
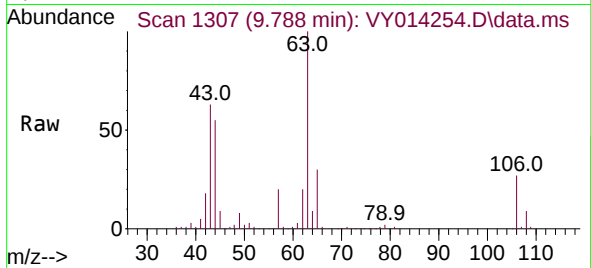
#58
2-Chloroethyl Vinyl ether
Concen: 88.065 ug/l
RT: 9.788 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

Tgt Ion: 63 Resp: 85290
Ion Ratio Lower Upper
63 100
106 27.4 21.2 31.8

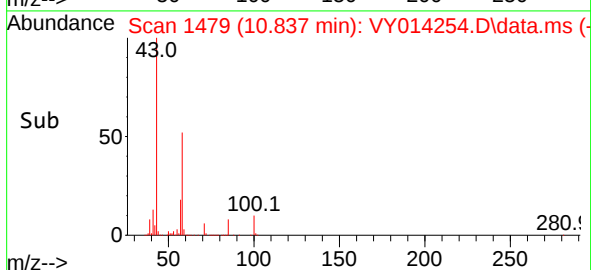
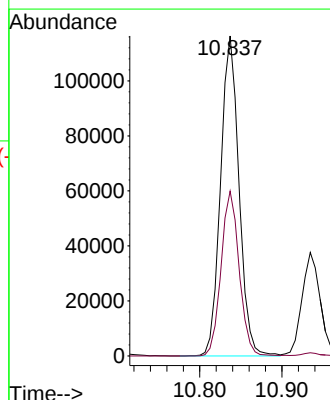
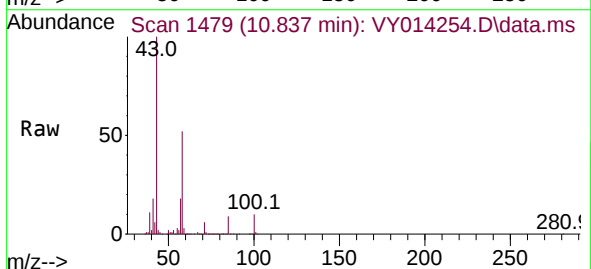
Manual Integrations
APPROVED

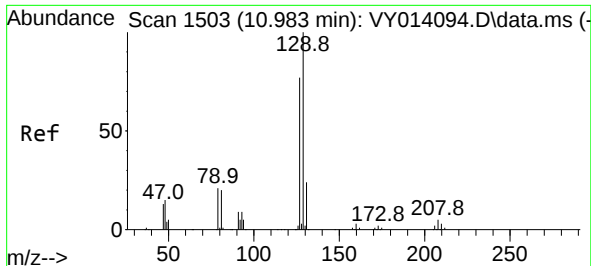
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#59
2-Hexanone
Concen: 114.228 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Tgt Ion: 43 Resp: 181197
Ion Ratio Lower Upper
43 100
58 50.5 25.1 75.3





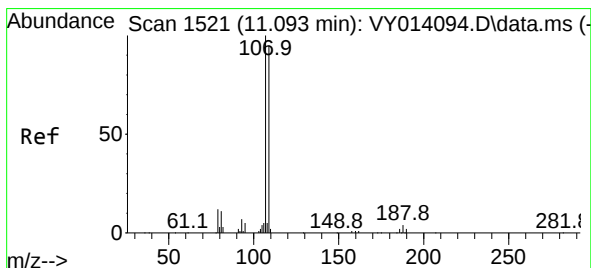
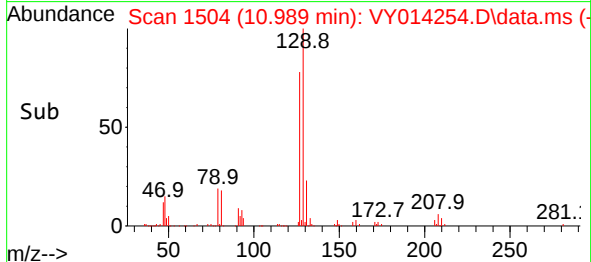
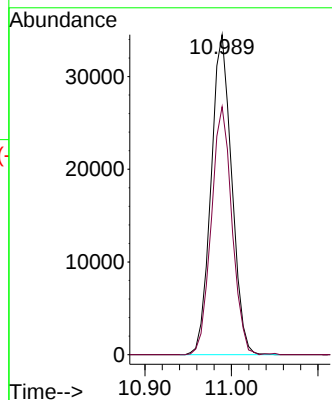
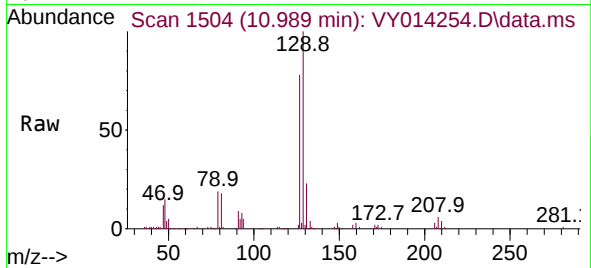
#60
Dibromochloromethane
Concen: 21.686 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

Tgt Ion:129 Resp: 5721
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

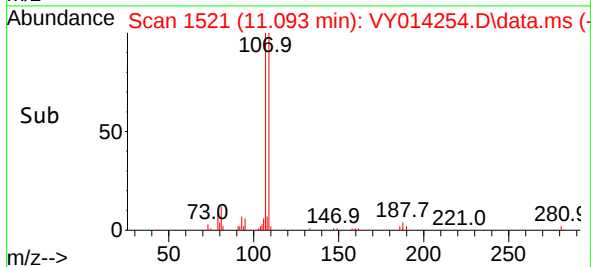
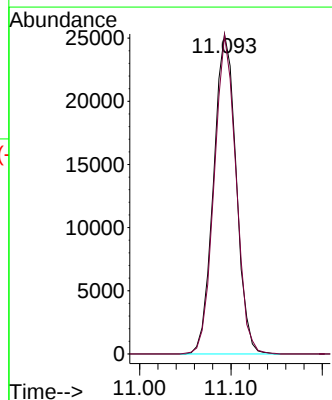
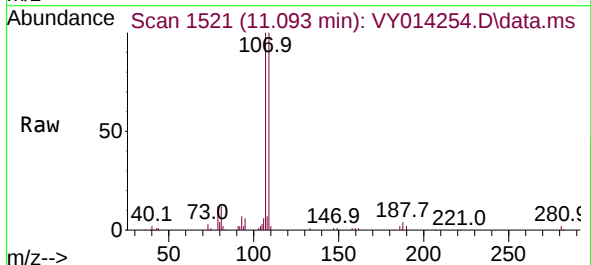
Manual Integrations
APPROVED

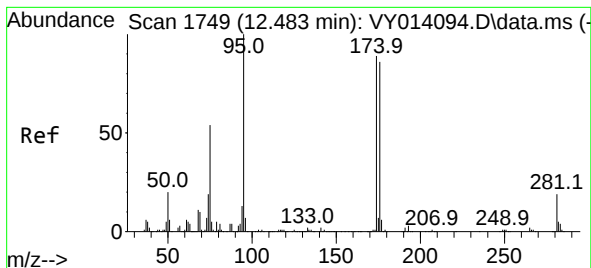
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#61
1,2-Dibromoethane
Concen: 21.325 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

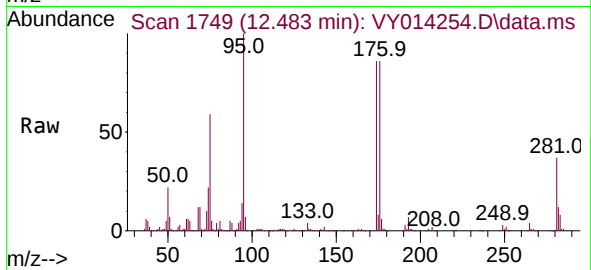
Tgt Ion:107 Resp: 43385
Ion Ratio Lower Upper
107 100
109 96.4 75.6 113.4





#62
4-Bromofluorobenzene
Concen: 55.826 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

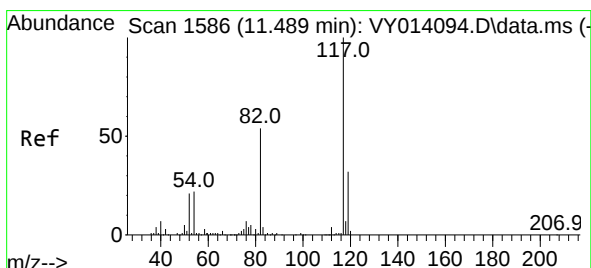
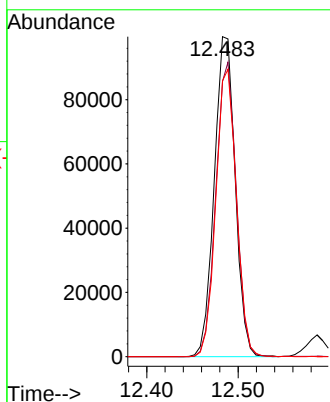
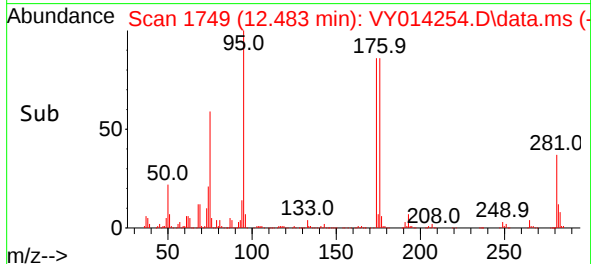
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



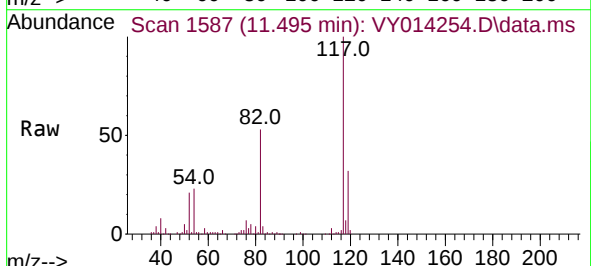
Tgt Ion: 95 Resp: 158970
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.2
176 87.8 0.0 173.8

Manual Integrations
APPROVED

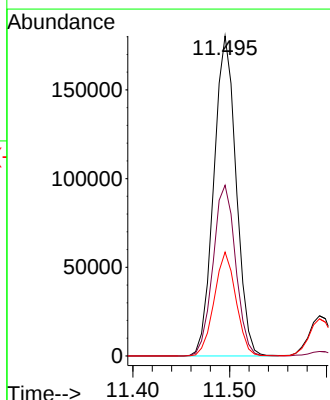
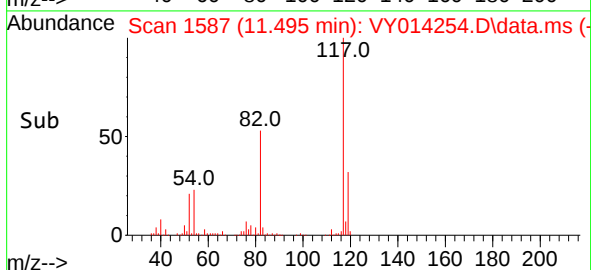
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

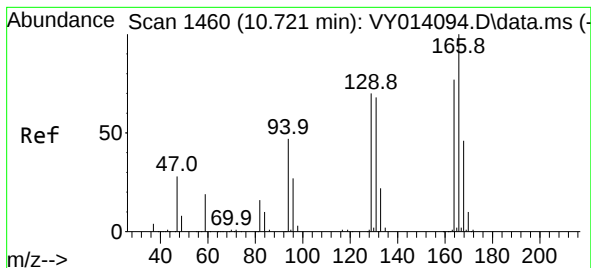


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40



Tgt Ion:117 Resp: 288871
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.5 26.3 39.5





#64

Tetrachloroethene

Concen: 24.319 ug/l

RT: 10.727 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY014254.D

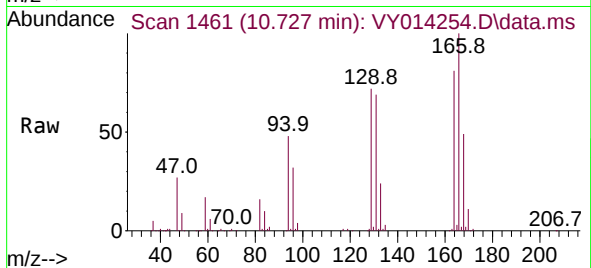
Acq: 20 Jun 2023 02:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02



Tgt Ion:164 Resp: 59878

Ion Ratio Lower Upper

164 100

166 123.1 103.0 154.6

129 88.8 77.2 115.8

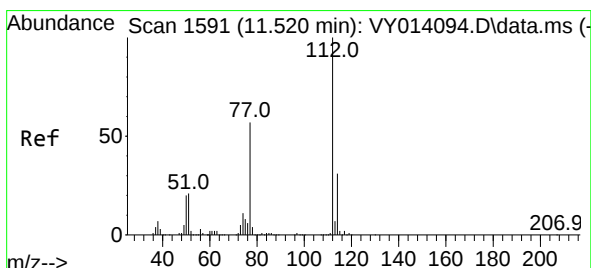
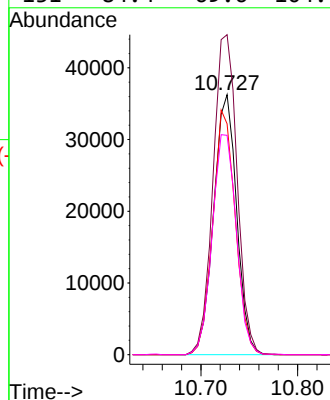
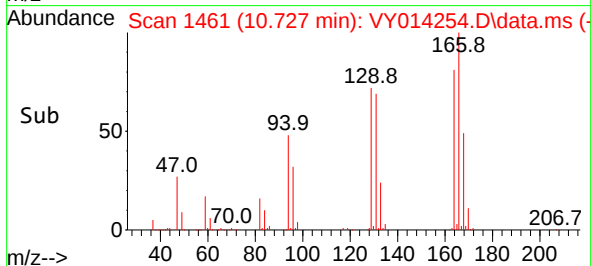
131 84.4 69.6 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#65

Chlorobenzene

Concen: 19.929 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY014254.D

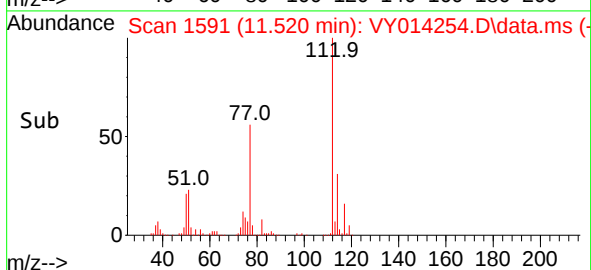
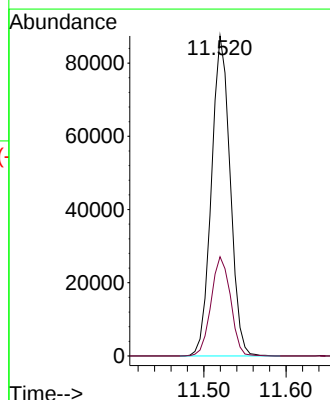
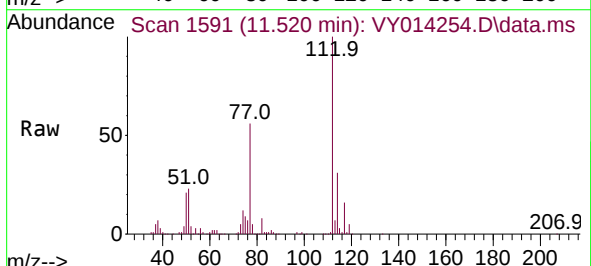
Acq: 20 Jun 2023 02:40

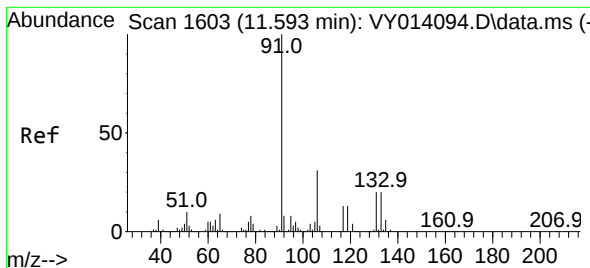
Tgt Ion:112 Resp: 138331

Ion Ratio Lower Upper

112 100

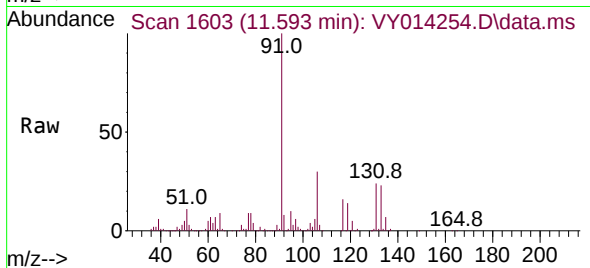
114 31.0 25.5 38.3





#66
1,1,1,2-Tetrachloroethane
Concen: 20.724 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

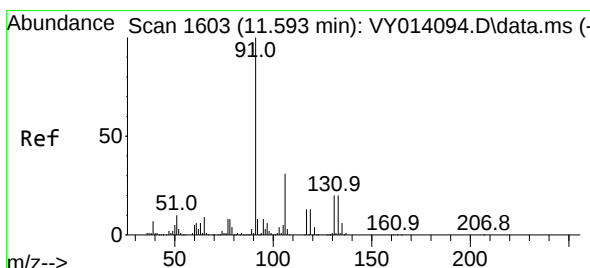
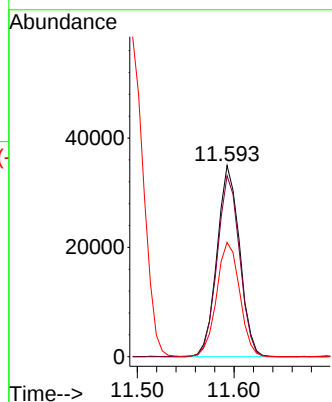
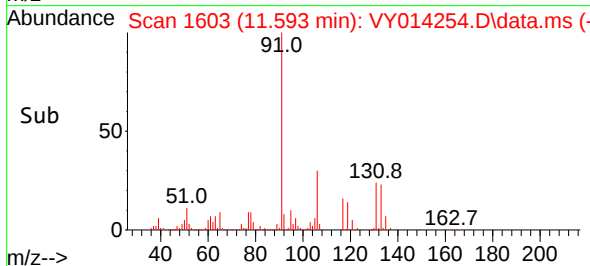
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



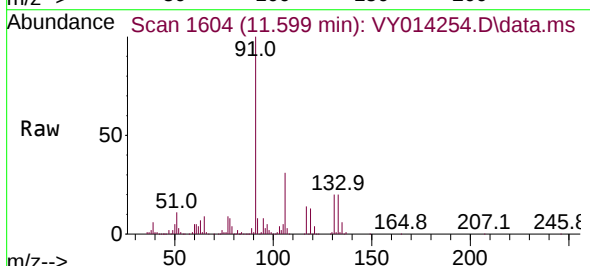
Tgt Ion:131 Resp: 56580
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 61.4 31.6 94.7

Manual Integrations
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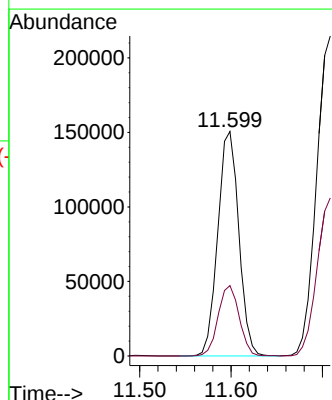
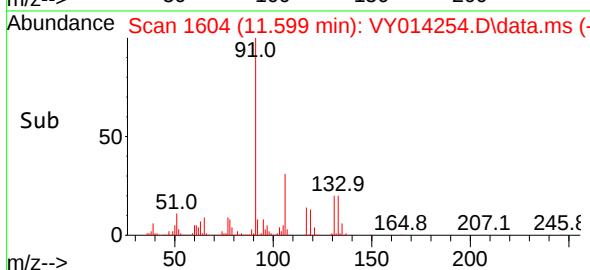
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

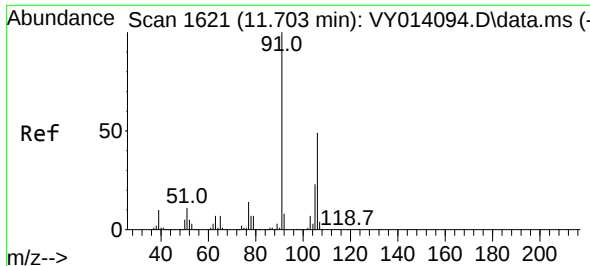


#67
Ethyl Benzene
Concen: 19.830 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40



Tgt Ion: 91 Resp: 240931
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8





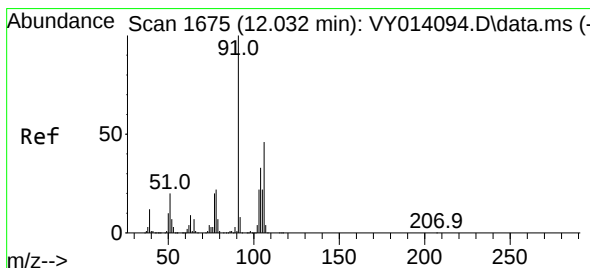
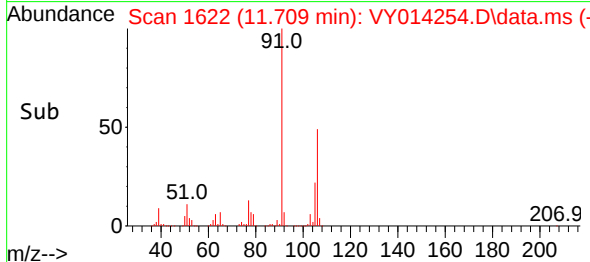
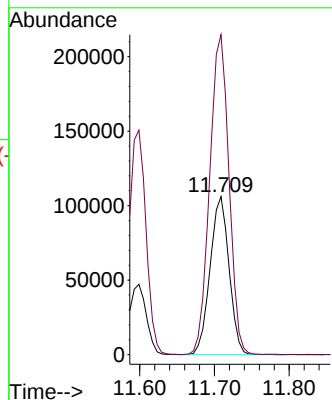
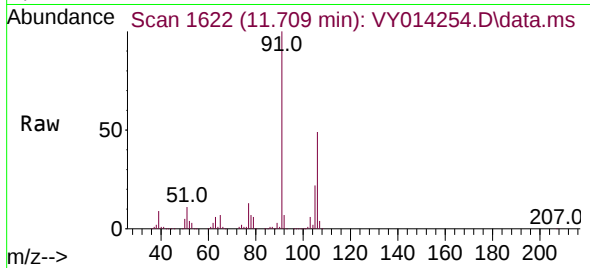
#68
m/p-Xylenes
Concen: 40.023 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

Tgt Ion:106 Resp: 187039
Ion Ratio Lower Upper
106 100
91 206.1 166.1 249.1

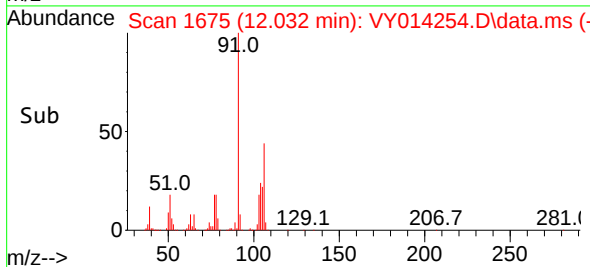
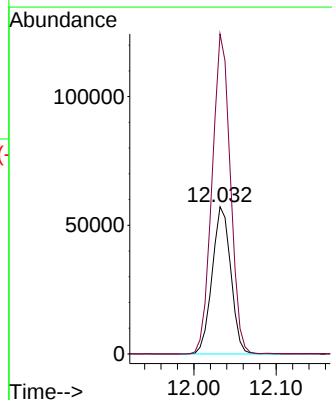
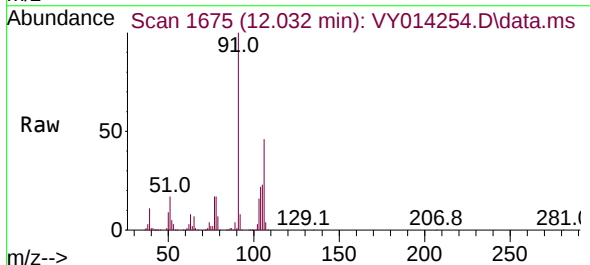
Manual Integrations
APPROVED

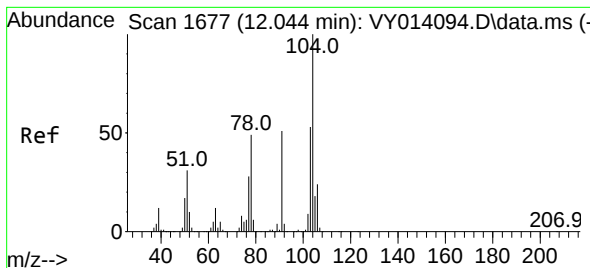
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#69
o-Xylene
Concen: 20.397 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Tgt Ion:106 Resp: 90120
Ion Ratio Lower Upper
106 100
91 213.4 108.1 324.3





#70

Styrene

Concen: 20.662 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

Tgt Ion:104 Resp: 155810

Ion Ratio Lower Upper

104 100

78 50.8 41.5 62.3

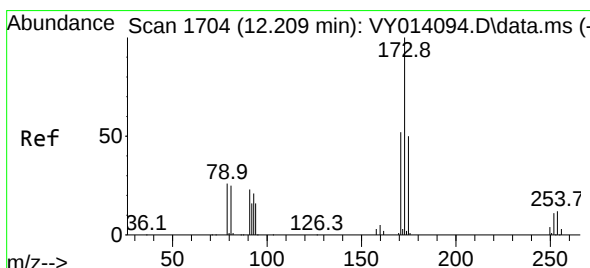
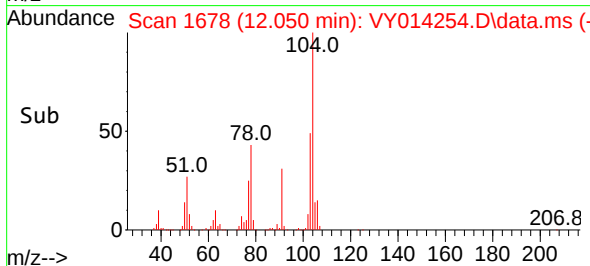
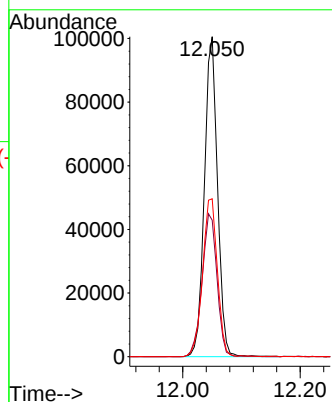
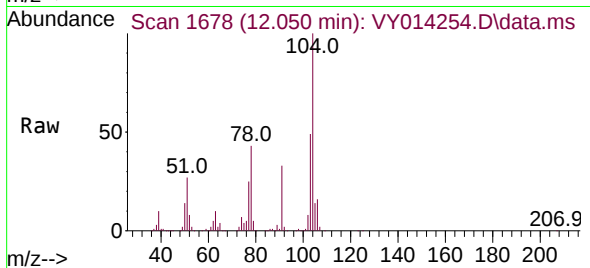
103 55.5 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#71

Bromoform

Concen: 21.302 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

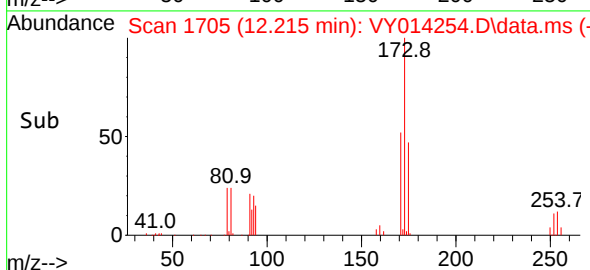
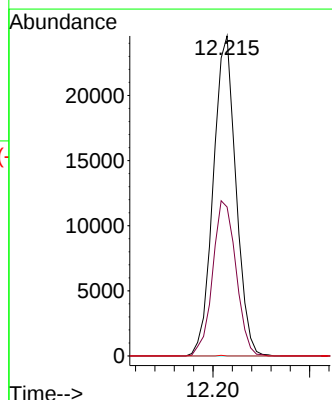
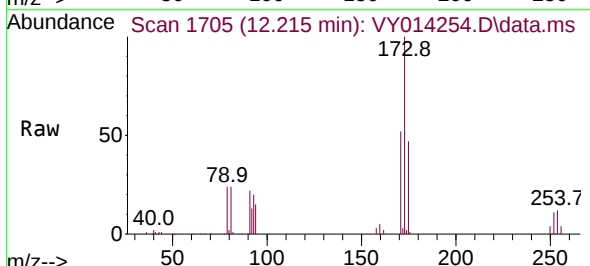
Tgt Ion:173 Resp: 39829

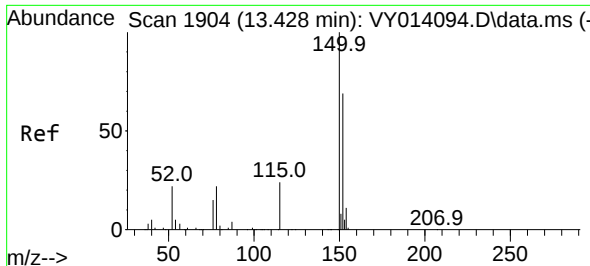
Ion Ratio Lower Upper

173 100

175 50.1 24.6 73.8

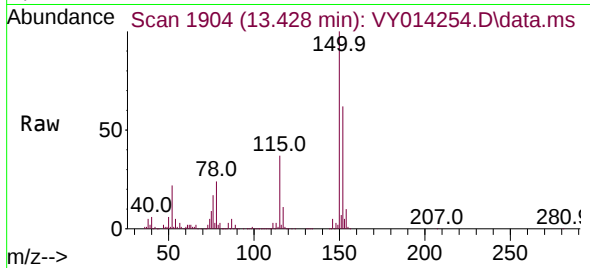
254 0.1 0.2 0.2#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

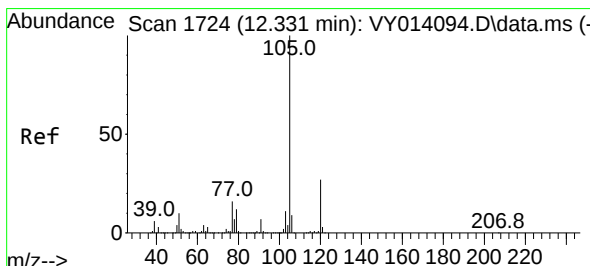
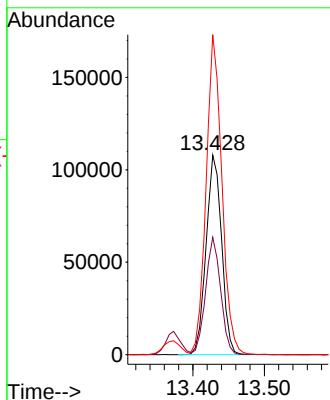
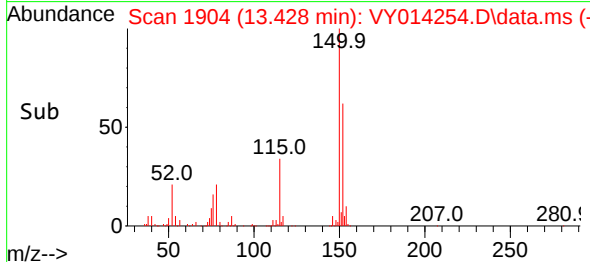
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD02



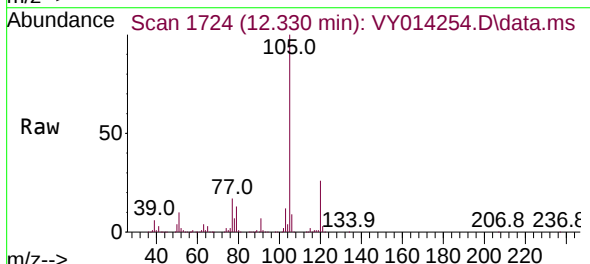
Tgt Ion:152 Resp: 162950
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.5
150 162.9 0.0 348.8

Manual Integrations
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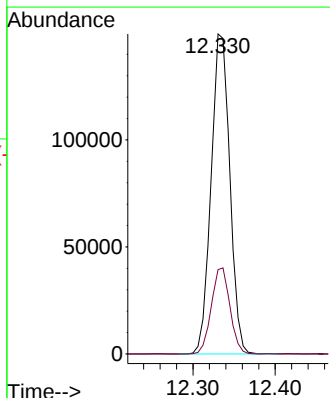
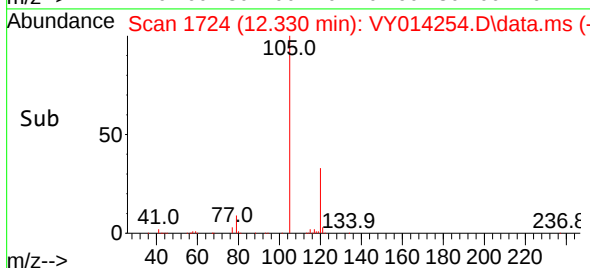
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

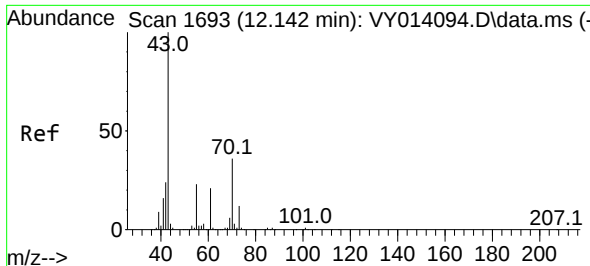


#73
Isopropylbenzene
Concen: 18.997 ug/l
RT: 12.330 min Scan# 1724
Delta R.T. -0.001 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40



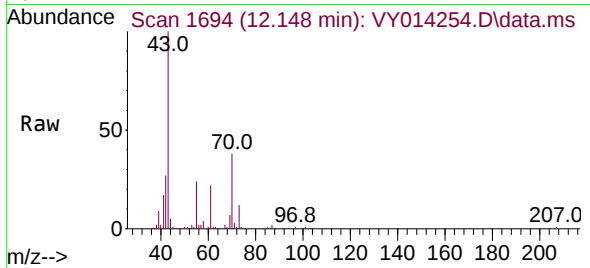
Tgt Ion:105 Resp: 236144
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9





#74
N-amy1 acetate
Concen: 13.724 ug/l
RT: 12.148 min Scan# 1693
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

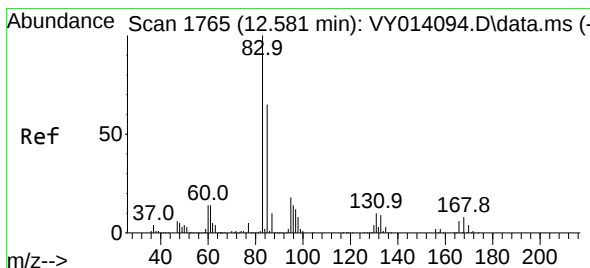
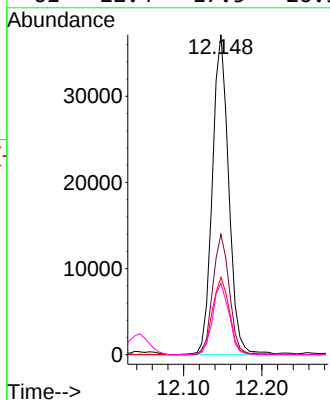
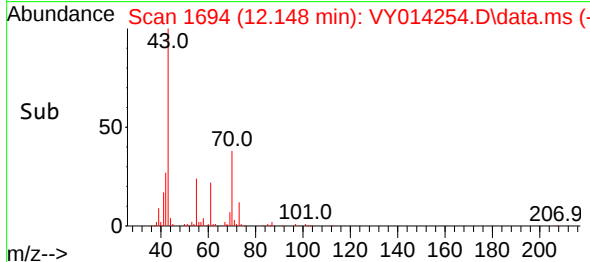
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



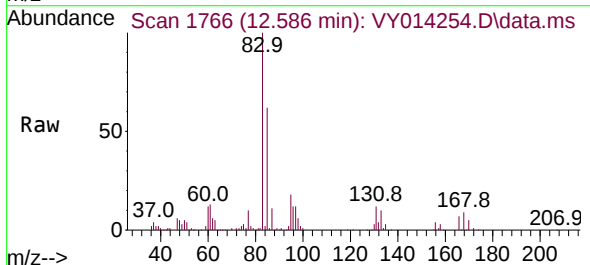
Tgt Ion: 43 Resp: 54064
Ion Ratio Lower Upper
43 100
70 38.0 29.7 44.5
55 25.1 18.3 27.5
61 22.4 17.5 26.3

Manual Integrations
APPROVED

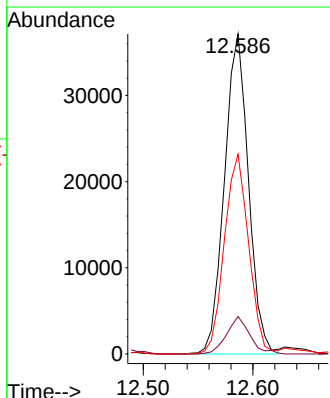
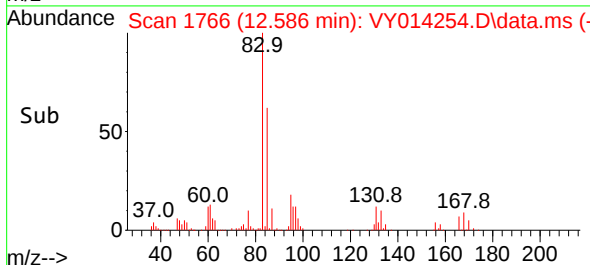
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

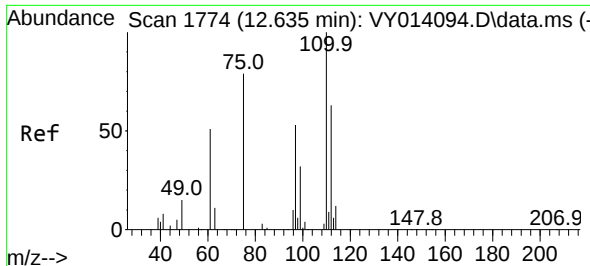


#75
1,1,2,2-Tetrachloroethane
Concen: 20.355 ug/l
RT: 12.586 min Scan# 1766
Delta R.T. 0.005 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40



Tgt Ion: 83 Resp: 56540
Ion Ratio Lower Upper
83 100
131 11.3 5.4 16.2
85 63.1 31.8 95.4





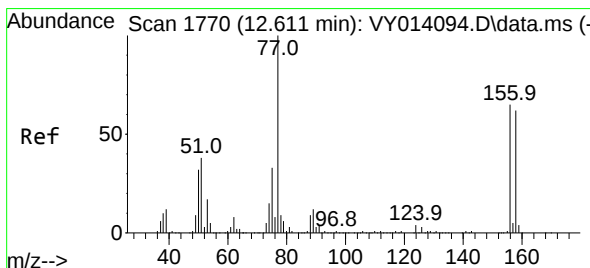
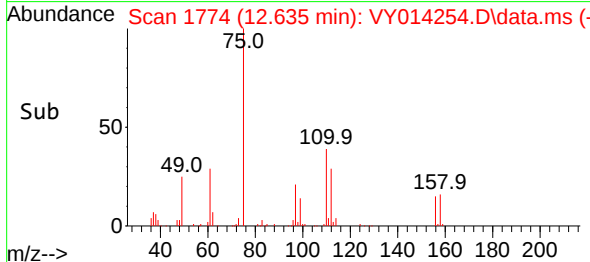
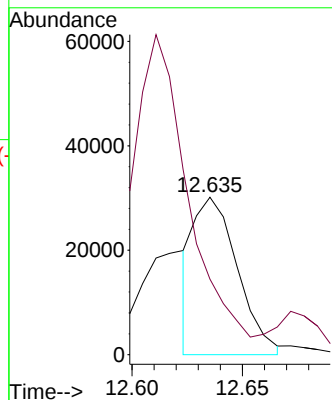
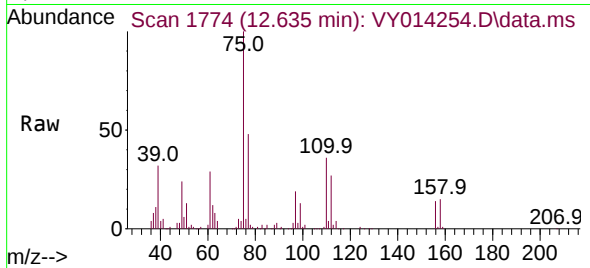
#76
1,2,3-Trichloropropane
Concen: 19.498 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

Tgt Ion: 75 Resp: 41684
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

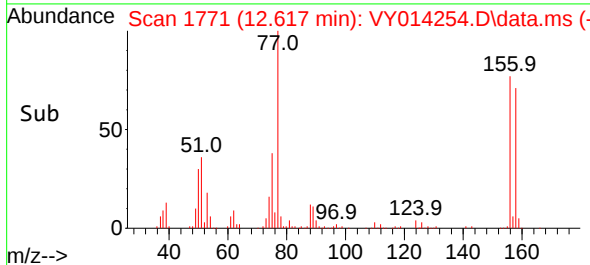
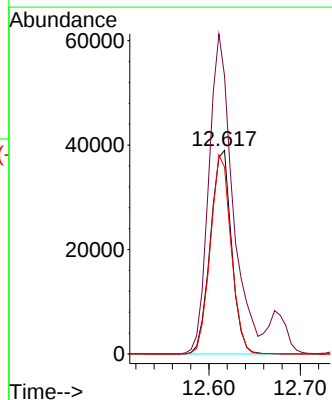
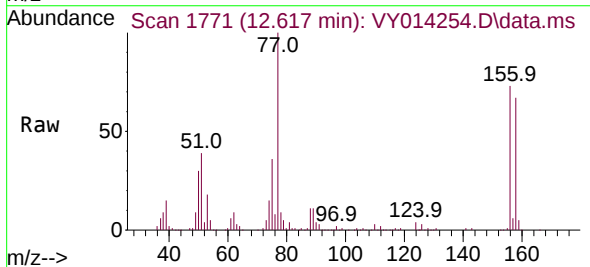
Manual Integrations
APPROVED

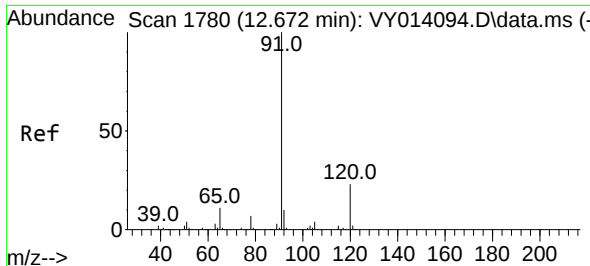
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#77
Bromobenzene
Concen: 19.148 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Tgt Ion:156 Resp: 62561
Ion Ratio Lower Upper
156 100
77 176.9 92.8 278.6
158 96.1 48.4 145.3





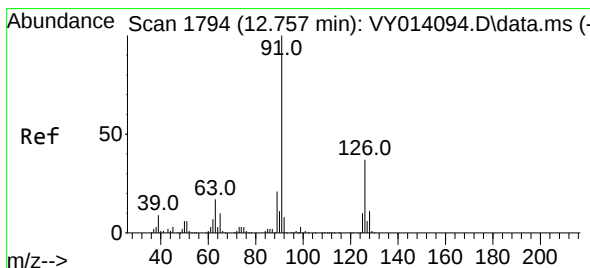
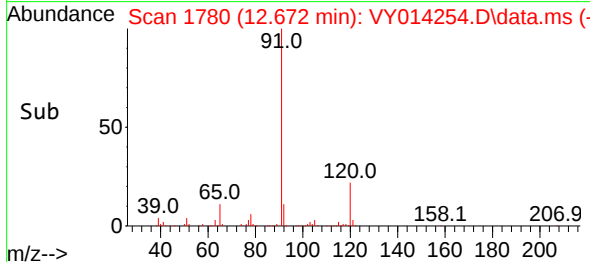
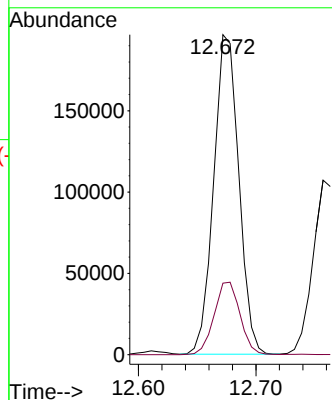
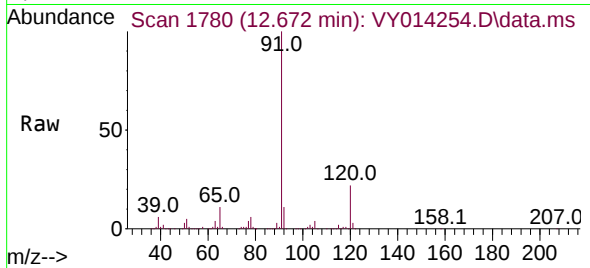
#78
n-propylbenzene
Concen: 19.211 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

Tgt Ion: 91 Resp: 29169
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4

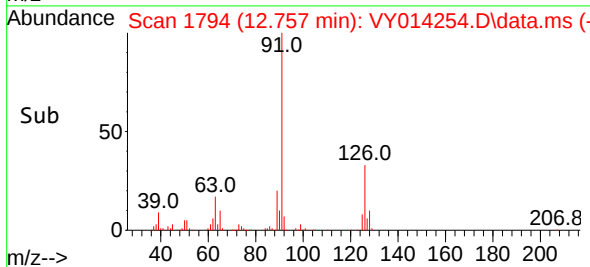
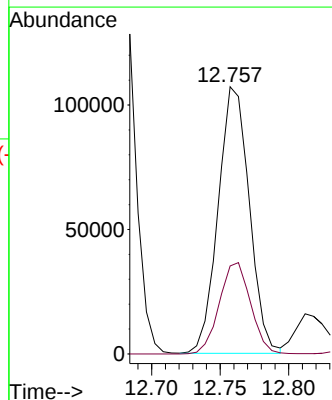
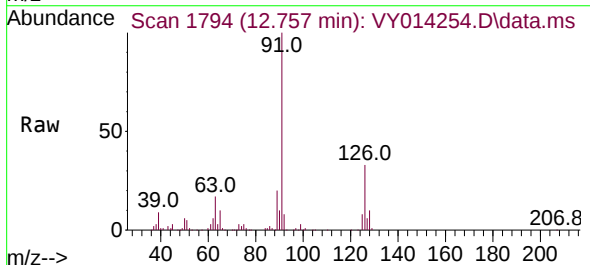
Manual Integrations
APPROVED

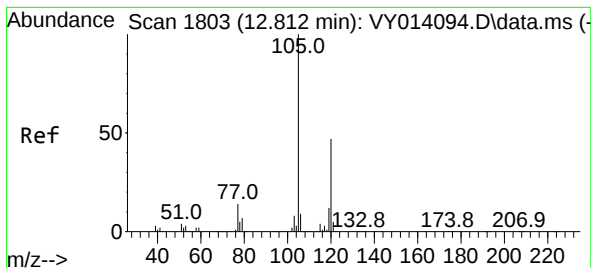
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#79
2-Chlorotoluene
Concen: 19.419 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Tgt Ion: 91 Resp: 169648
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7





#80

1,3,5-Trimethylbenzene

Concen: 19.289 ug/l

RT: 12.818 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

Tgt Ion:105 Resp: 205308

Ion Ratio Lower Upper

105 100

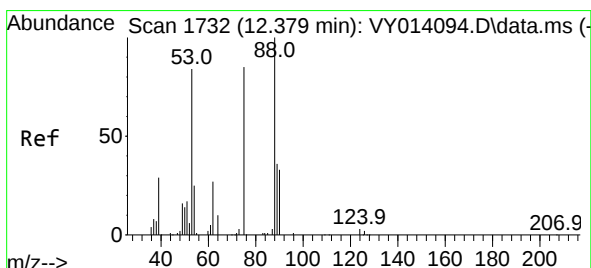
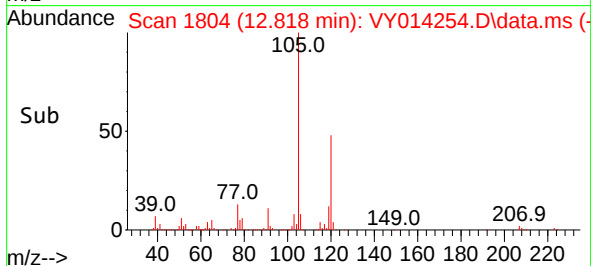
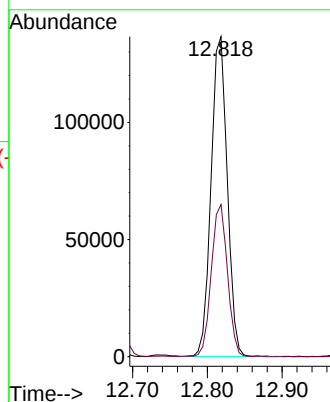
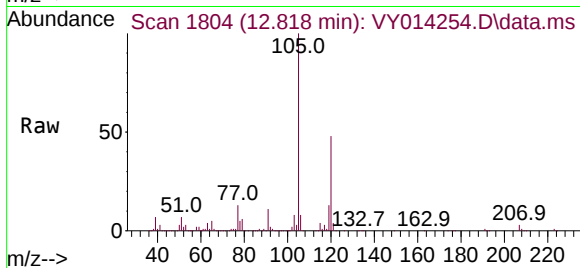
120 47.4 23.9 71.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 17.681 ug/l

RT: 12.385 min Scan# 1733

Delta R.T. 0.006 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

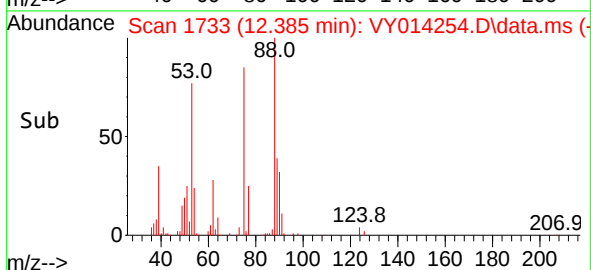
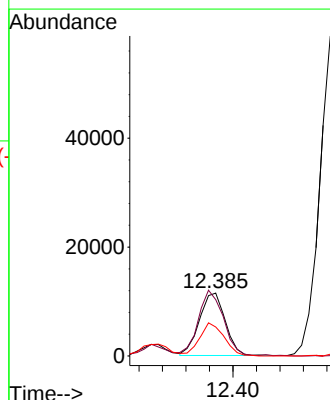
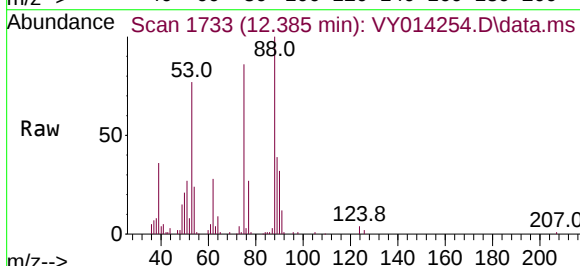
Tgt Ion: 75 Resp: 17487

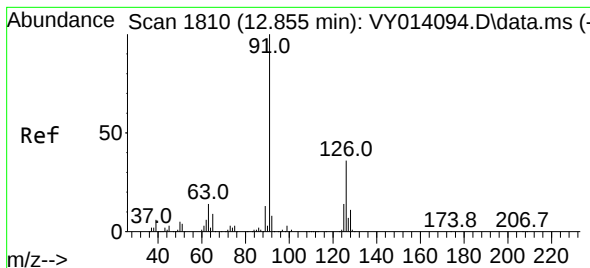
Ion Ratio Lower Upper

75 100

53 102.0 77.8 116.8

89 50.5 37.4 56.0





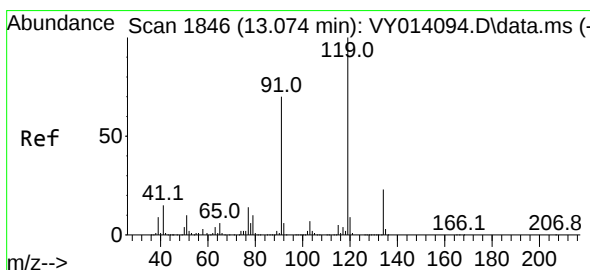
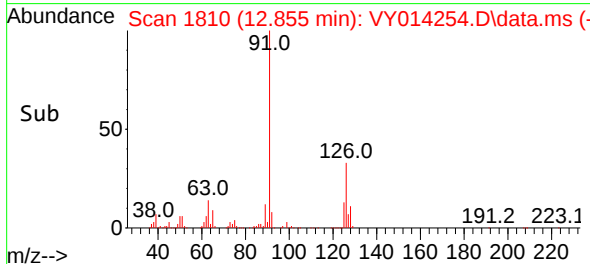
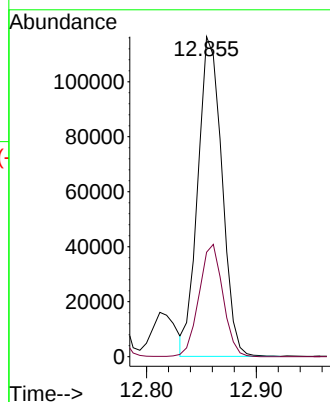
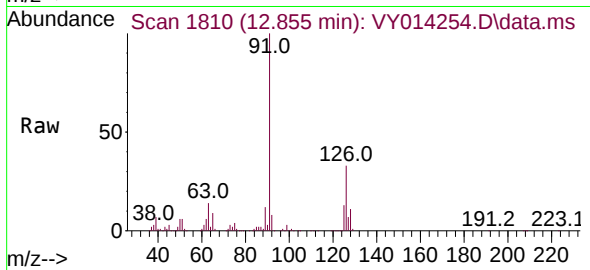
#82
4-Chlorotoluene
Concen: 19.171 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02

Tgt Ion: 91 Resp: 17748
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6

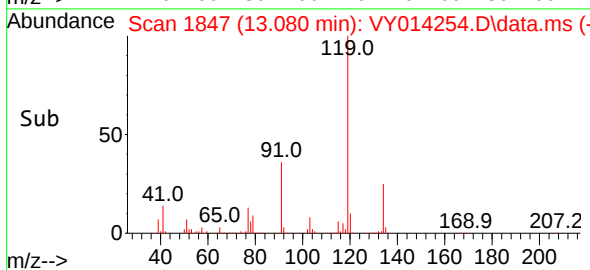
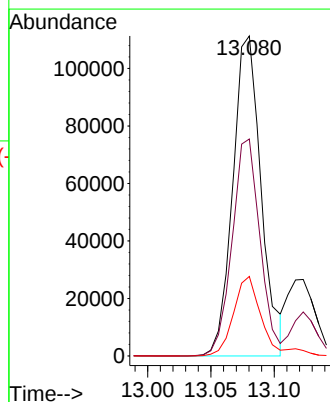
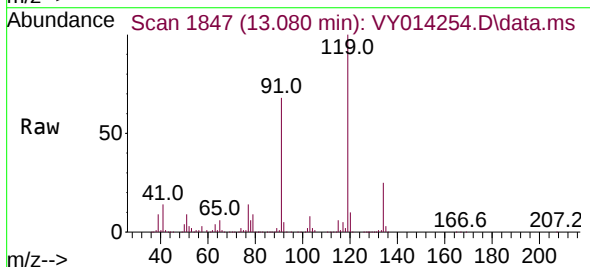
Manual Integrations
APPROVED

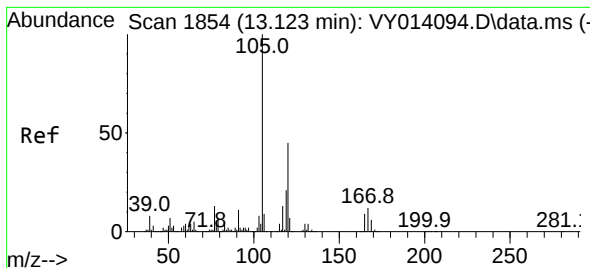
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#83
tert-Butylbenzene
Concen: 19.221 ug/l
RT: 13.080 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

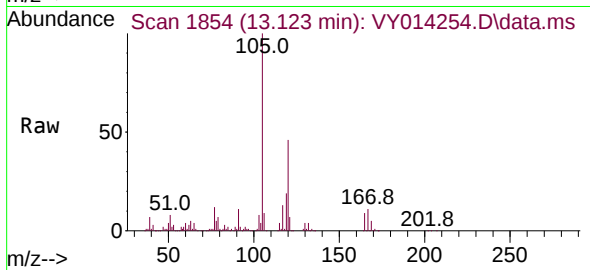
Tgt Ion:119 Resp: 173856
Ion Ratio Lower Upper
119 100
91 66.7 32.9 98.6
134 25.1 13.0 38.9





#84
1,2,4-Trimethylbenzene
Concen: 19.267 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

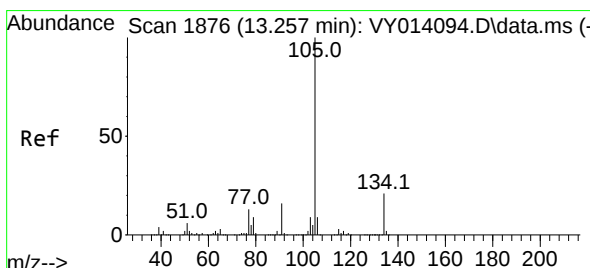
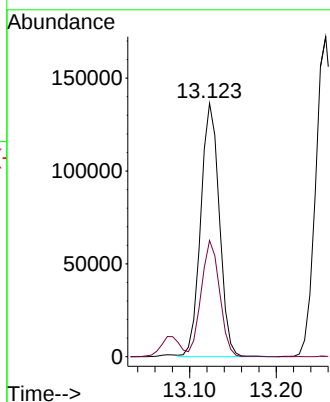
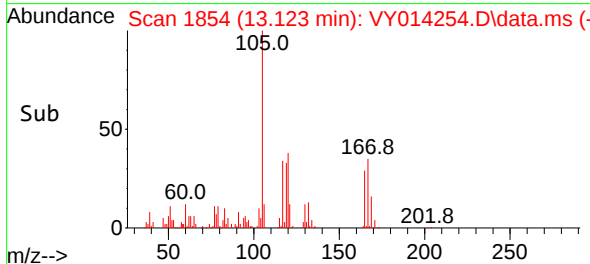
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBSD02



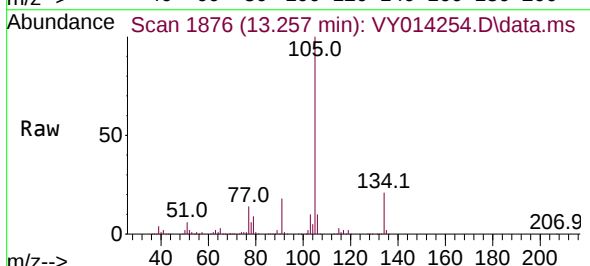
Tgt Ion:105 Resp: 202998
Ion Ratio Lower Upper
105 100
120 45.4 22.2 66.6

Manual Integrations
APPROVED

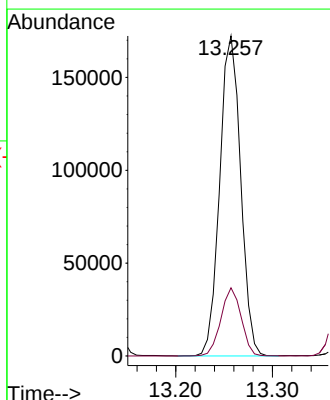
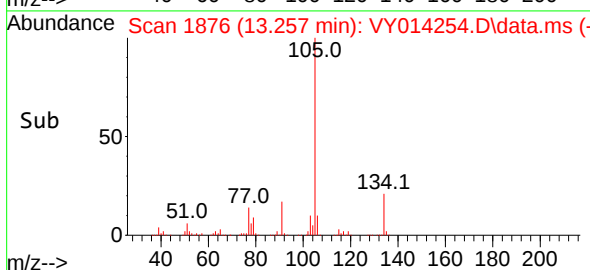
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

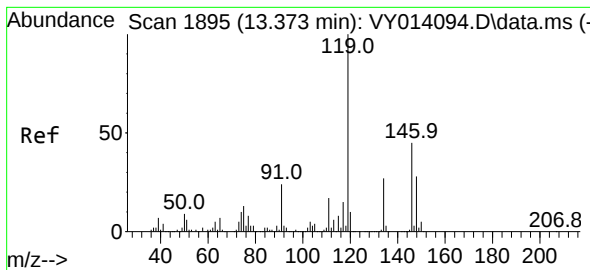


#85
sec-Butylbenzene
Concen: 19.683 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40



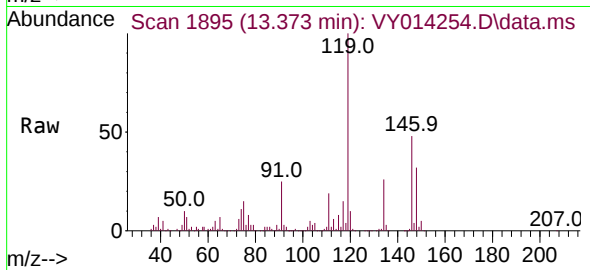
Tgt Ion:105 Resp: 258833
Ion Ratio Lower Upper
105 100
134 20.6 10.2 30.6





#86
p-Isopropyltoluene
Concen: 18.858 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

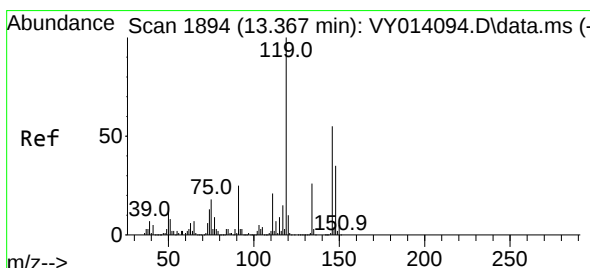
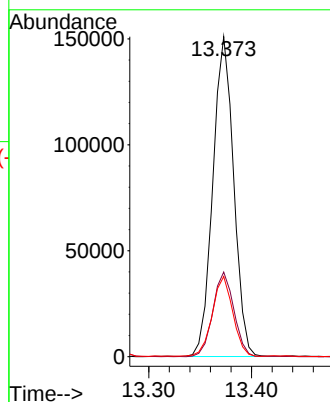
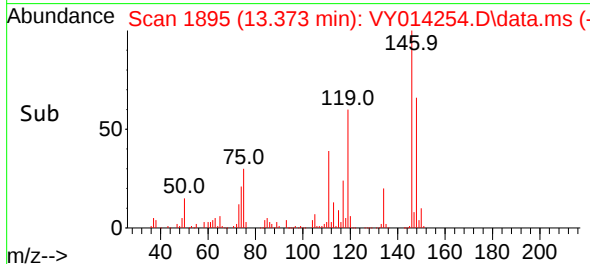
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



Tgt Ion:119 Resp: 21224
Ion Ratio Lower Upper
119 100
134 26.9 13.3 39.8
91 24.6 12.4 37.4

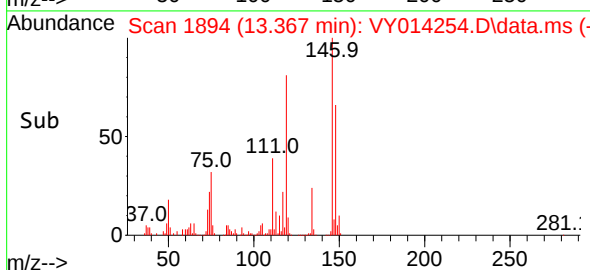
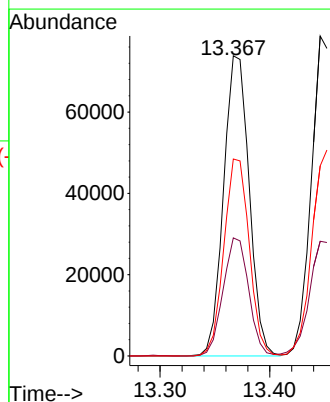
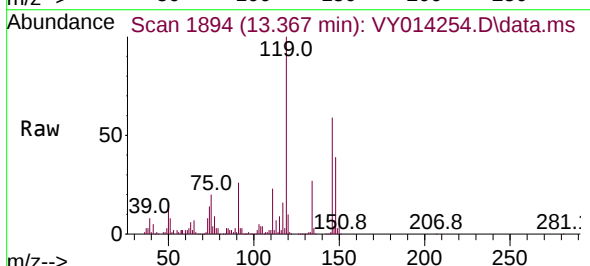
Manual Integrations
APPROVED

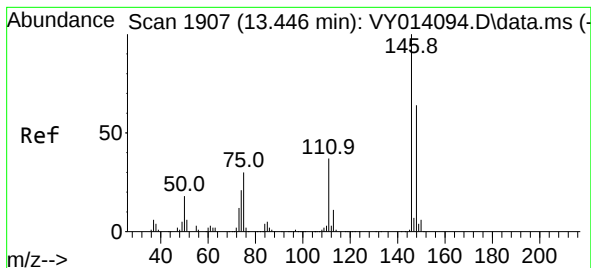
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023



#87
1,3-Dichlorobenzene
Concen: 19.198 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

Tgt Ion:146 Resp: 119756
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 65.0 31.9 95.5





#88

1,4-Dichlorobenzene

Concen: 19.413 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

Tgt Ion:146 Resp: 122010

Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.7

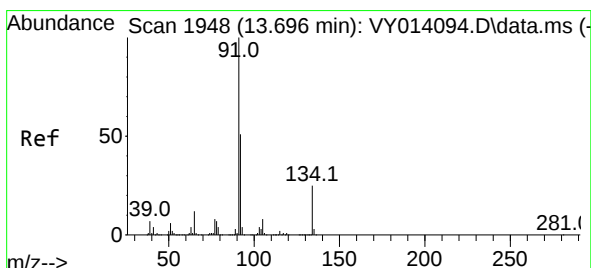
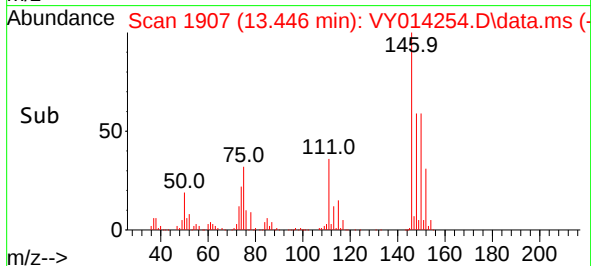
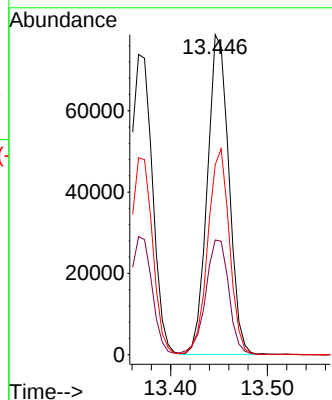
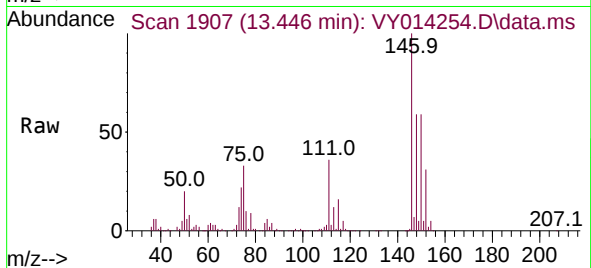
148 64.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#89

n-Butylbenzene

Concen: 19.087 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

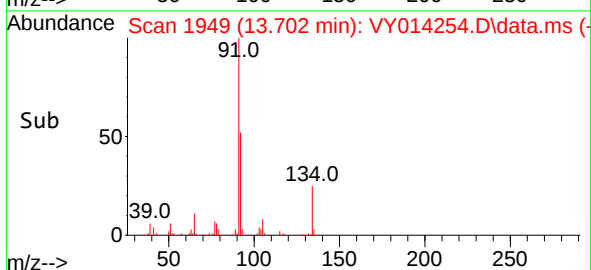
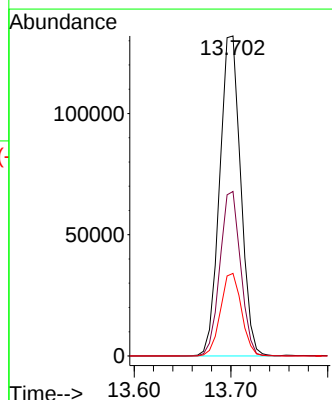
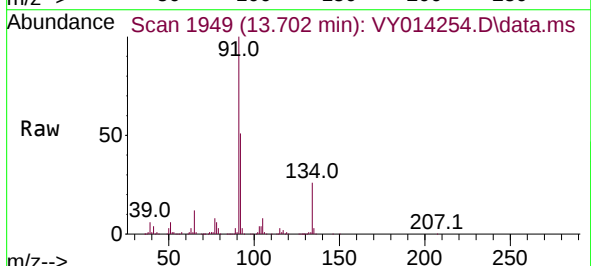
Tgt Ion: 91 Resp: 199239

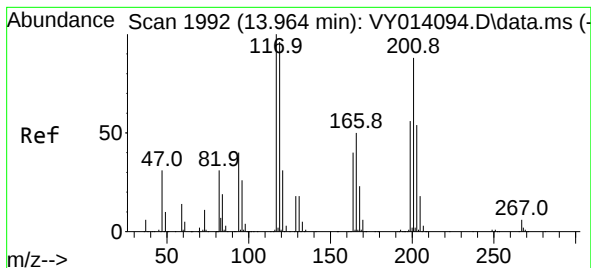
Ion Ratio Lower Upper

91 100

92 50.6 25.4 76.0

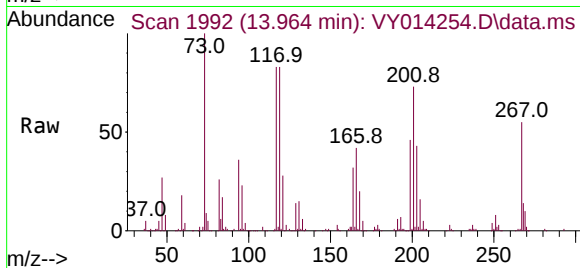
134 25.7 12.6 37.6





#90
Hexachloroethane
Concen: 19.636 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40

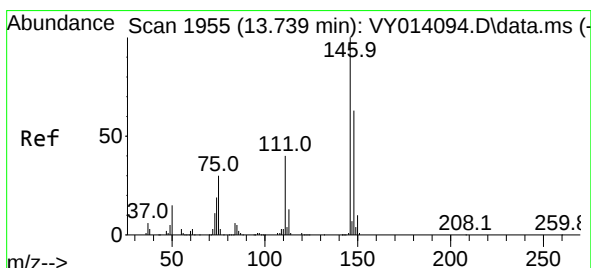
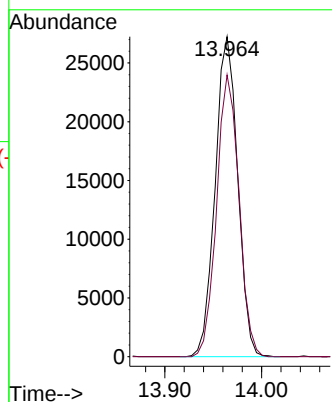
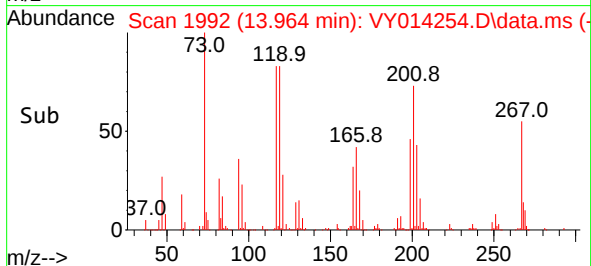
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBS02



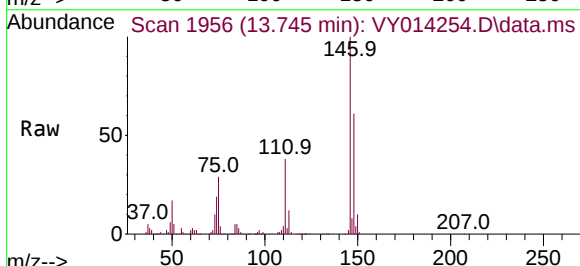
Tgt Ion:117 Resp: 4403
Ion Ratio Lower Upper
117 100
201 87.2 41.6 124.8

Manual Integrations
APPROVED

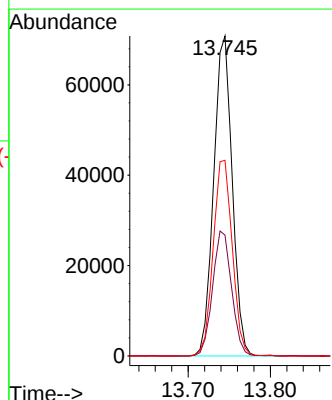
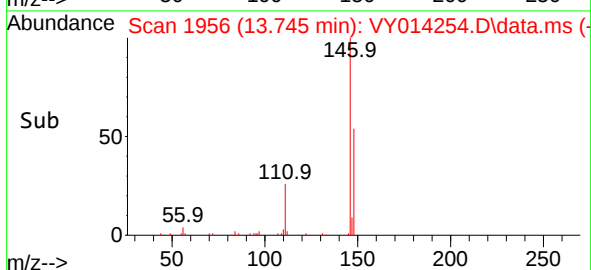
Reviewed By :John Carlone 06/20/2023
Supervised By :Mahesh Dadoda 06/20/2023

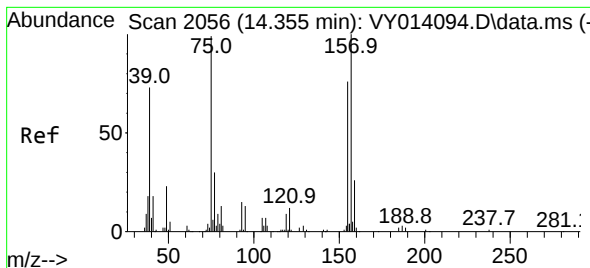


#91
1,2-Dichlorobenzene
Concen: 19.795 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY014254.D
Acq: 20 Jun 2023 02:40



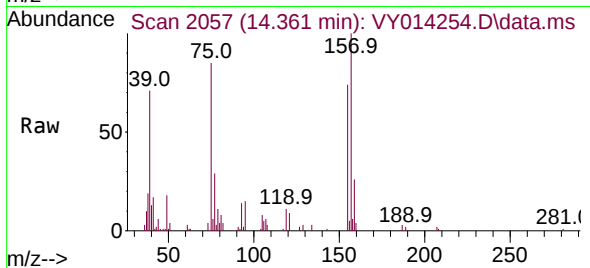
Tgt Ion:146 Resp: 110906
Ion Ratio Lower Upper
146 100
111 39.9 19.7 59.0
148 63.0 32.0 96.2





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.401 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY014254.D
 Acq: 20 Jun 2023 02:40

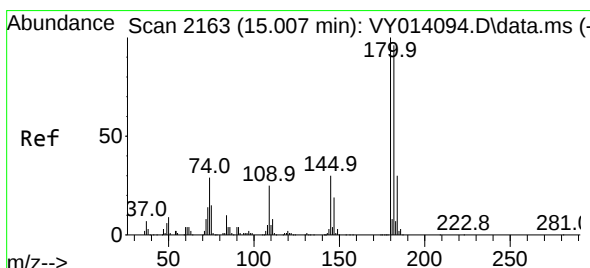
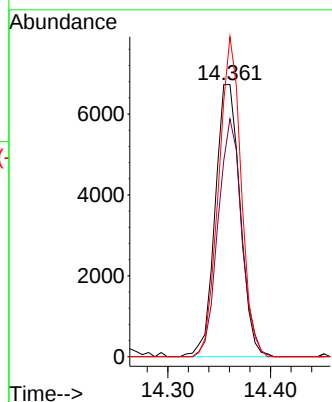
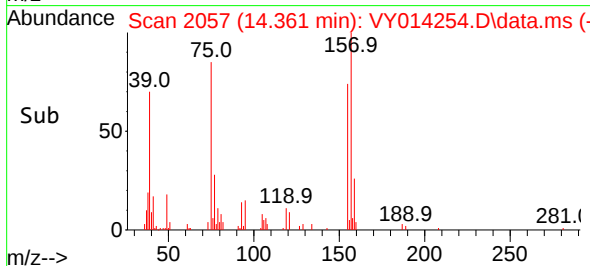
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBS02



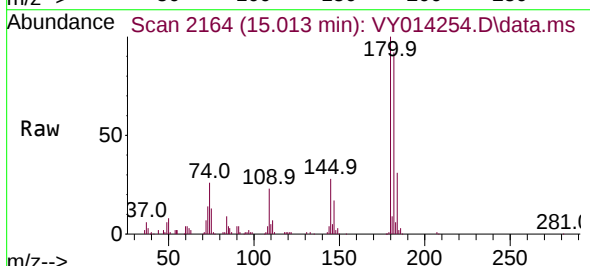
Tgt Ion: 75 Resp: 11320
 Ion Ratio Lower Upper
 75 100
 155 82.5 41.5 124.6
 157 105.6 51.8 155.5

Manual Integrations
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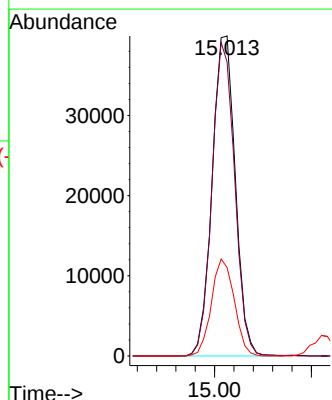
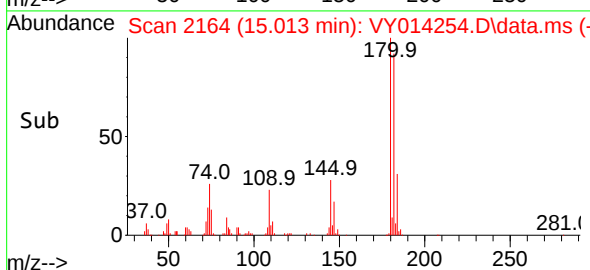
Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023

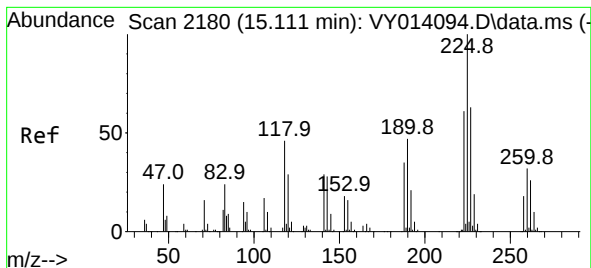


#93
 1,2,4-Trichlorobenzene
 Concen: 18.697 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. 0.006 min
 Lab File: VY014254.D
 Acq: 20 Jun 2023 02:40



Tgt Ion:180 Resp: 66358
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.0 141.2
 145 29.9 14.5 43.5





#94

Hexachlorobutadiene

Concen: 19.699 ug/l

RT: 15.117 min Scan# 2180

Delta R.T. 0.006 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBS02

Tgt Ion:225 Resp: 40364

Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

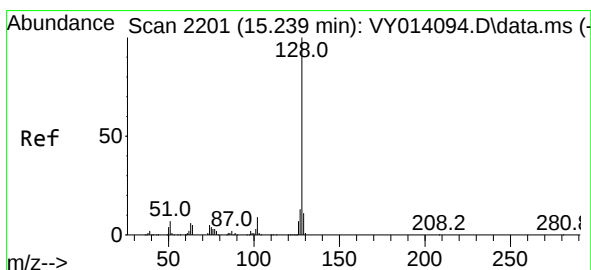
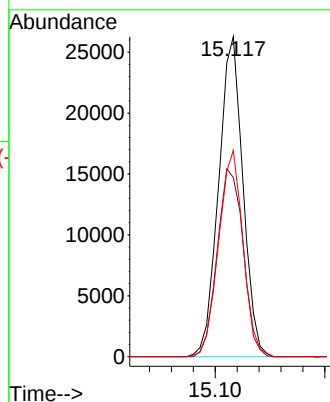
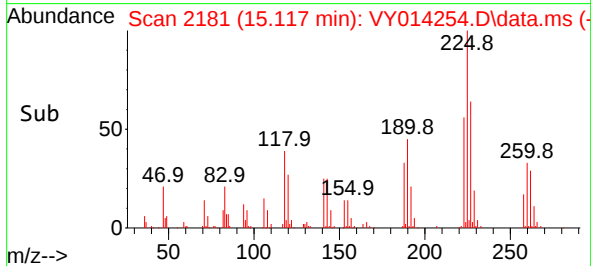
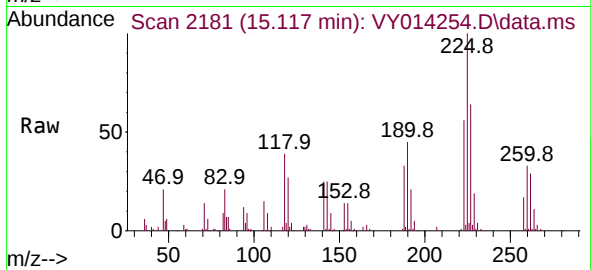
227 64.8 33.0 98.9

Manual Integrations

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Reviewed By :John Carlone 06/20/2023

Supervised By :Mahesh Dadoda 06/20/2023



#95

Naphthalene

Concen: 19.269 ug/l

RT: 15.238 min Scan# 2201

Delta R.T. -0.001 min

Lab File: VY014254.D

Acq: 20 Jun 2023 02:40

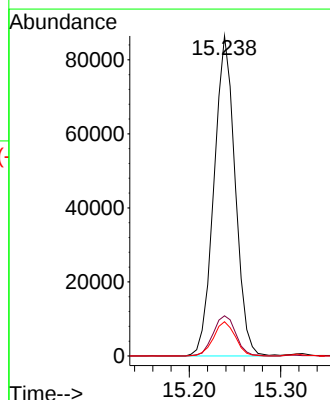
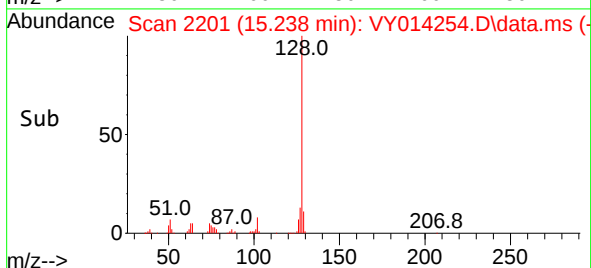
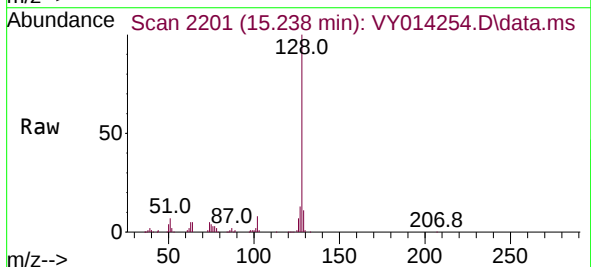
Tgt Ion:128 Resp: 138814

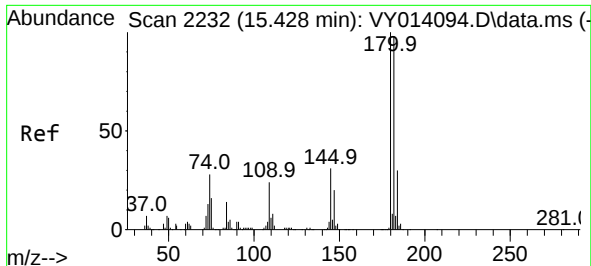
Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

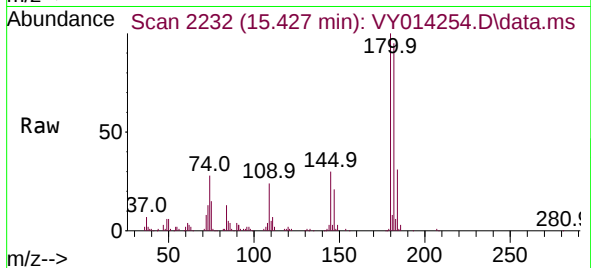
129 11.0 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 19.305 ug/l
 RT: 15.427 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VY014254.D
 Acq: 20 Jun 2023 02:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBSD02



Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.3	141.8
145	30.8	15.4	46.2

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/20/2023
 Supervised By :Mahesh Dadoda 06/20/2023

