

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014686.D
 Acq On : 17 Jul 2023 20:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 18 06:15:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	229267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	387820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	348011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	148736	56.931	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.860%			
35) Dibromofluoromethane	7.716	113	134142	54.336	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.680%			
50) Toluene-d8	10.179	98	483251	53.094	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.180%			
62) 4-Bromofluorobenzene	12.483	95	181290	51.946	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	92701	49.629	ug/l	99
3) Chloromethane	2.113	50	125157	59.608	ug/l	96
4) Vinyl Chloride	2.247	62	143694	61.235	ug/l	98
5) Bromomethane	2.637	94	104645	67.480	ug/l	98
6) Chloroethane	2.784	64	95519	65.166	ug/l	97
7) Trichlorofluoromethane	3.119	101	213690	54.221	ug/l	99
8) Diethyl Ether	3.528	74	85336	58.195	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	127422	52.749	ug/l	96
10) Methyl Iodide	4.082	142	144152	55.995	ug/l	96
11) Tert butyl alcohol	4.954	59	178716	346.219	ug/l #	86
12) 1,1-Dichloroethene	3.869	96	121281	53.719	ug/l	90
13) Acrolein	3.729	56	42224	154.629	ug/l	100
14) Allyl chloride	4.473	41	203056	50.654	ug/l	96
15) Acrylonitrile	5.155	53	264566	327.186	ug/l	98
16) Acetone	3.942	43	216617	261.647	ug/l	95
17) Carbon Disulfide	4.192	76	321734	49.775	ug/l	98
18) Methyl Acetate	4.479	43	234159	73.703	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	440944	60.125	ug/l	100
20) Methylene Chloride	4.710	84	160034	60.380	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	139810	54.568	ug/l	99
22) Diisopropyl ether	6.119	45	467422	57.353	ug/l	91
23) Vinyl Acetate	6.058	43	1341958	275.150	ug/l	95
24) 1,1-Dichloroethane	6.015	63	257004	55.112	ug/l	97
25) 2-Butanone	6.984	43	378810	312.754	ug/l	93
26) 2,2-Dichloropropane	6.978	77	206101	46.373	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	169455	56.820	ug/l	95
28) Bromochloromethane	7.332	49	114470	56.996	ug/l	93
29) Tetrahydrofuran	7.344	42	255525	342.616	ug/l	91
30) Chloroform	7.502	83	280321	58.293	ug/l	95
31) Cyclohexane	7.783	56	211758	48.827	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	242346	55.995	ug/l	98
36) 1,1-Dichloropropene	7.917	75	199840	54.128	ug/l	99
37) Ethyl Acetate	7.070	43	161198	63.416	ug/l #	94
38) Carbon Tetrachloride	7.899	117	215617	55.248	ug/l	98
39) Methylcyclohexane	9.179	83	240298	49.959	ug/l	94
40) Benzene	8.161	78	583358	55.557	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	71834m	54.942	ug/l	
42) 1,2-Dichloroethane	8.234	62	196525	59.103	ug/l	95
43) Isopropyl Acetate	8.271	43	298507	61.648	ug/l	97
44) Trichloroethene	8.941	130	165015	56.169	ug/l	97
45) 1,2-Dichloropropane	9.216	63	150647	54.944	ug/l	98
46) Dibromomethane	9.307	93	98597	59.277	ug/l	97
47) Bromodichloromethane	9.496	83	226632	57.810	ug/l	99
48) Methyl methacrylate	9.289	41	132387	60.761	ug/l	93
49) 1,4-Dioxane	9.295	88	36826	1357.787	ug/l #	47
51) 4-Methyl-2-Pentanone	10.069	43	841919	331.161	ug/l	94
52) Toluene	10.246	92	374716	55.769	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	234533	54.693	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	254491	54.574	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	140758	60.751	ug/l	97
56) Ethyl methacrylate	10.508	69	213544	60.364	ug/l	90
57) 1,3-Dichloropropane	10.788	76	236389	59.152	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	481459	292.089	ug/l	94
59) 2-Hexanone	10.831	43	612449	330.339	ug/l	92
60) Dibromochloromethane	10.984	129	170826	60.134	ug/l	100
61) 1,2-Dibromoethane	11.087	107	139606	60.399	ug/l	100
64) Tetrachloroethene	10.721	164	165228	59.033	ug/l	98
65) Chlorobenzene	11.514	112	412421	55.612	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	161171	57.640	ug/l	98
67) Ethyl Benzene	11.593	91	733416	54.775	ug/l	98
68) m/p-Xylenes	11.703	106	559960	109.556	ug/l	97
69) o-Xylene	12.026	106	275496	55.339	ug/l	99
70) Styrene	12.044	104	469988	56.014	ug/l	98
71) Bromoform	12.209	173	116340	61.383	ug/l #	99
73) Isopropylbenzene	12.331	105	721474	54.187	ug/l	99
74) N-amyl acetate	12.142	43	261994	58.752	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	183732	60.512	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	137317m	63.939	ug/l	
77) Bromobenzene	12.605	156	174183	57.311	ug/l	95
78) n-propylbenzene	12.672	91	857607	53.453	ug/l	99
79) 2-Chlorotoluene	12.758	91	498294	53.921	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	604613	54.374	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	61013	55.006	ug/l	93
82) 4-Chlorotoluene	12.855	91	512218	53.819	ug/l	100
83) tert-Butylbenzene	13.075	119	531377	53.871	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	596851	54.694	ug/l	100
85) sec-Butylbenzene	13.251	105	779423	53.866	ug/l	100
86) p-Isopropyltoluene	13.367	119	648190	54.866	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	330013	55.791	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	335105	56.534	ug/l	99
89) n-Butylbenzene	13.696	91	607565	52.860	ug/l	96
90) Hexachloroethane	13.959	117	130587	53.815	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	309489	57.107	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	36948	63.631	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	191190	55.574	ug/l	98
94) Hexachlorobutadiene	15.111	225	99615	52.691	ug/l	97
95) Naphthalene	15.233	128	488876	60.995	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	171866	56.211	ug/l	98

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

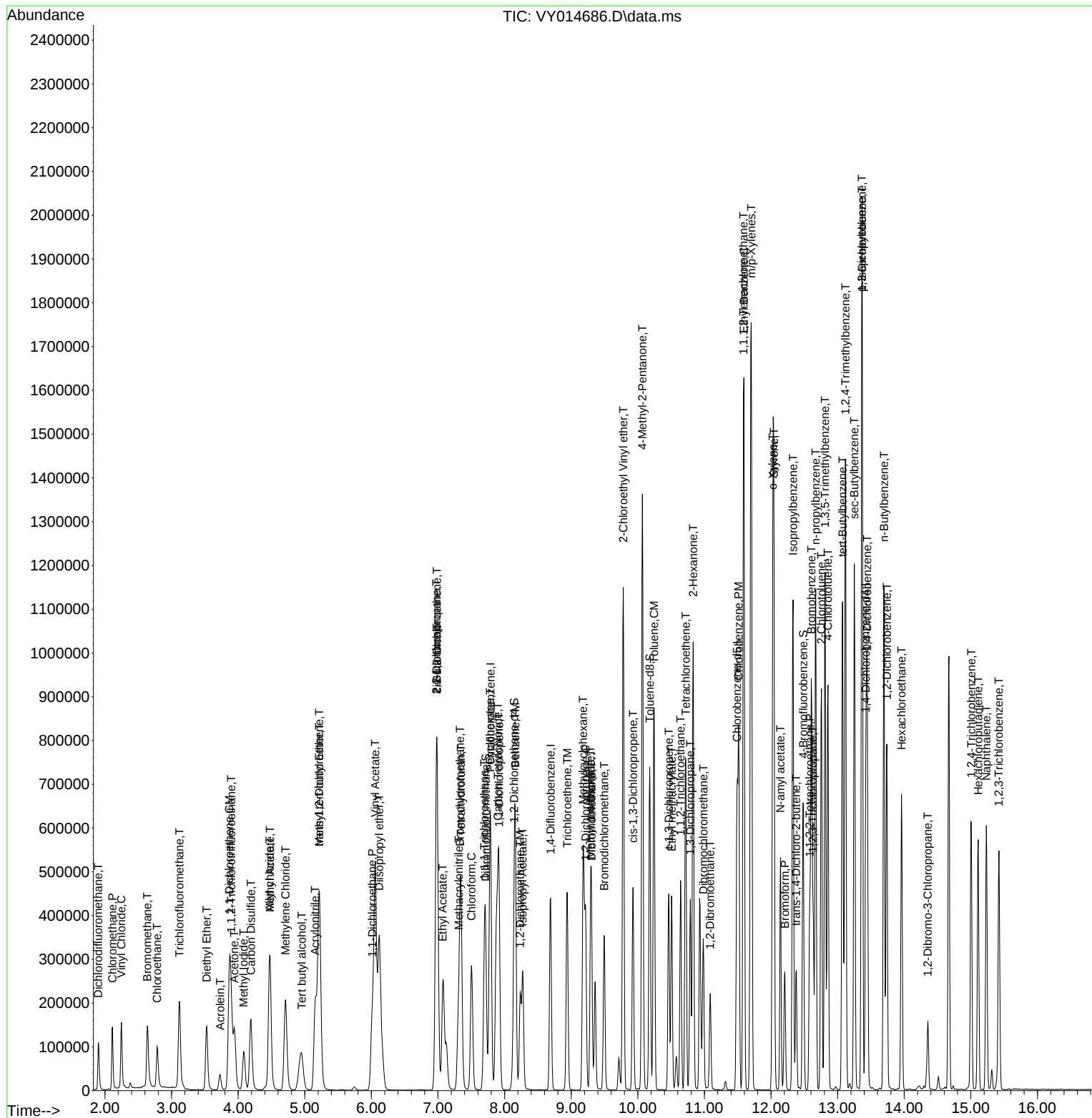
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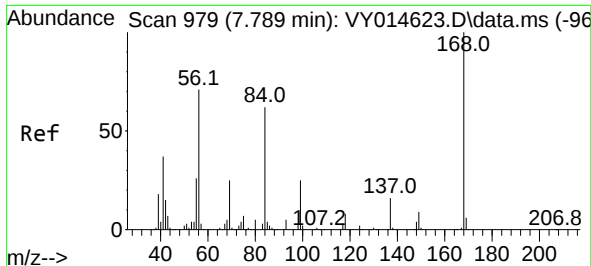
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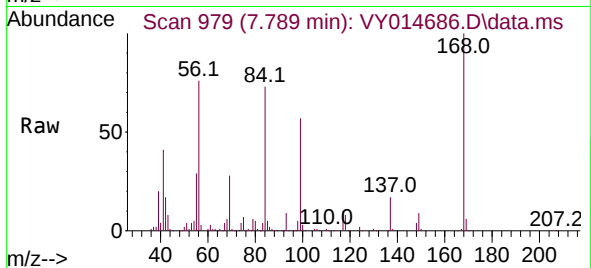
Reviewed By :John Carlone 07/18/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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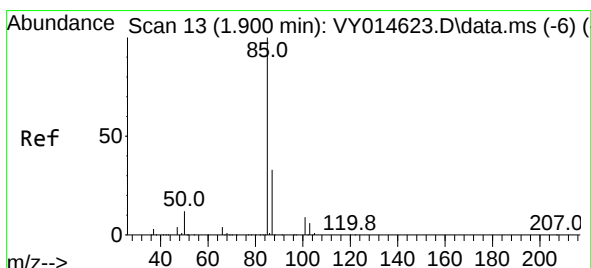
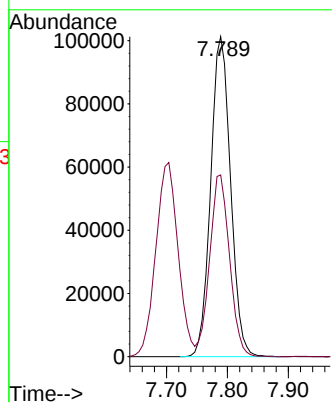
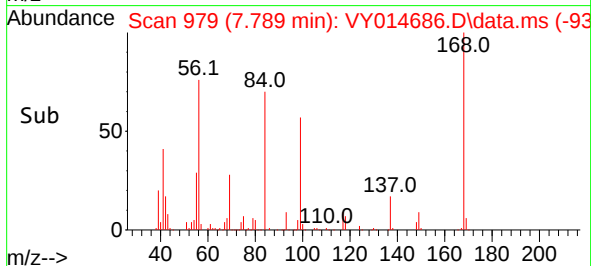
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



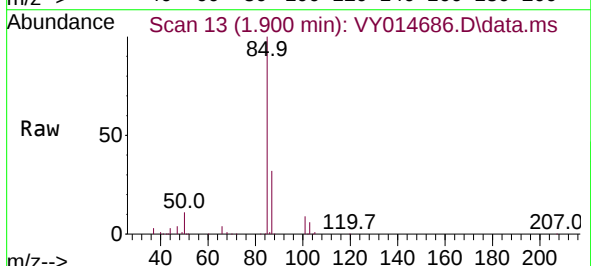
Tgt Ion:168 Resp: 22926
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0

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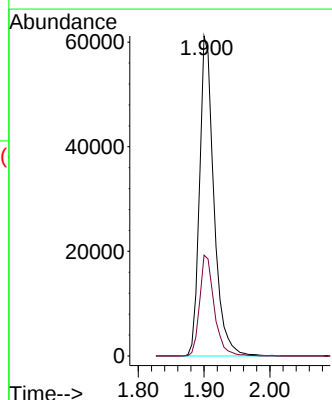
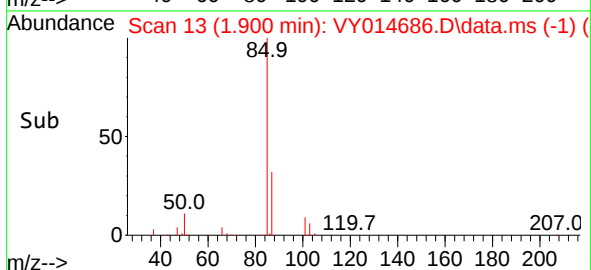
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#2
Dichlorodifluoromethane
Concen: 49.629 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



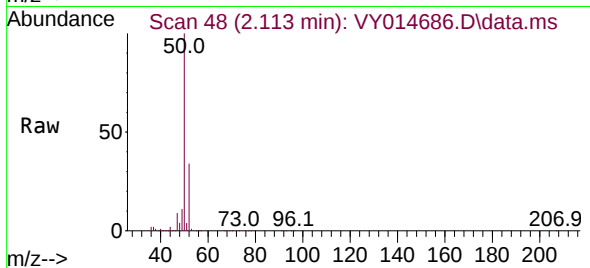
Tgt Ion: 85 Resp: 92701
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.8





#3
Chloromethane
Concen: 59.608 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

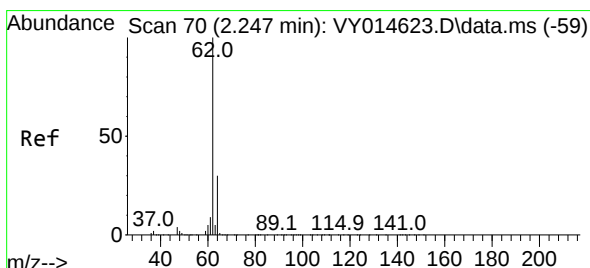
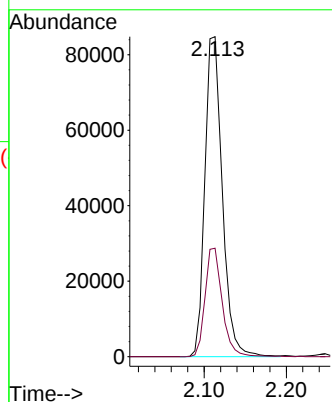
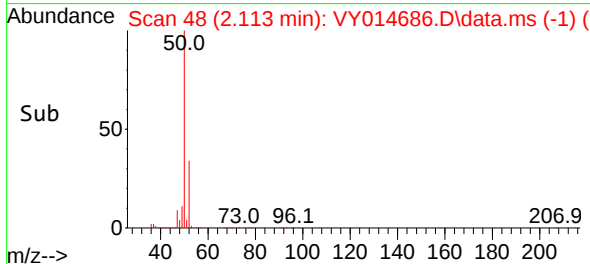
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 12515
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2

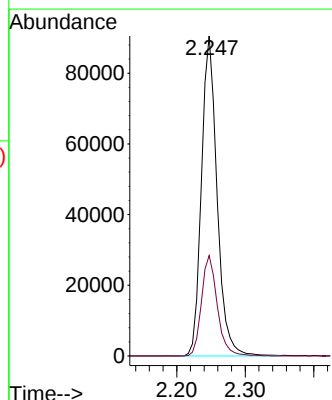
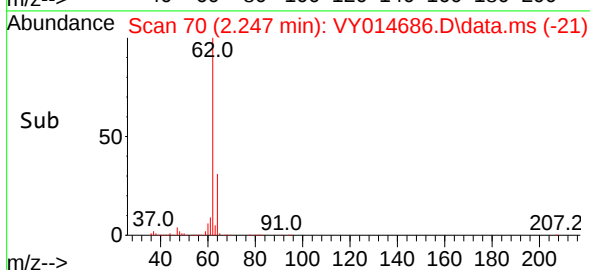
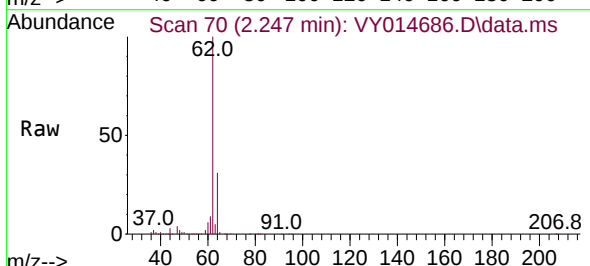
Manual Integrations
APPROVED

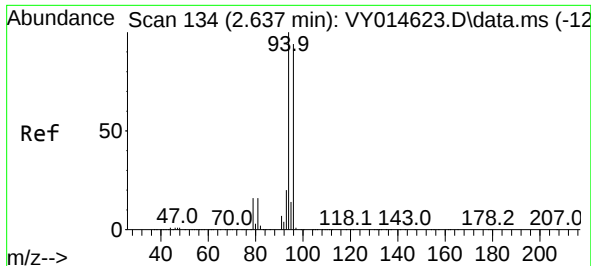
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#4
Vinyl Chloride
Concen: 61.235 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

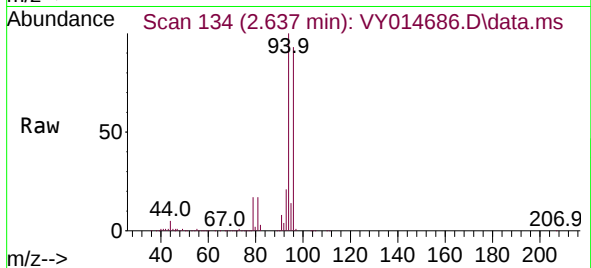
Tgt Ion: 62 Resp: 143694
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5





#5
Bromomethane
Concen: 67.480 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

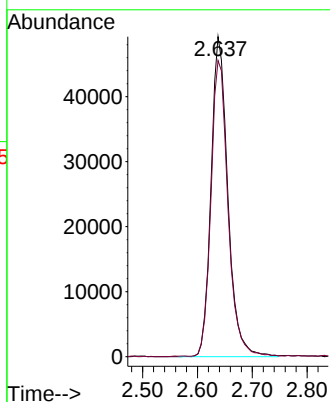
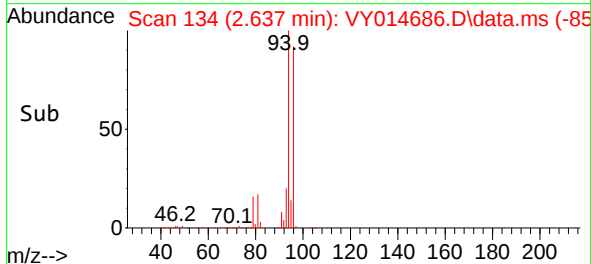
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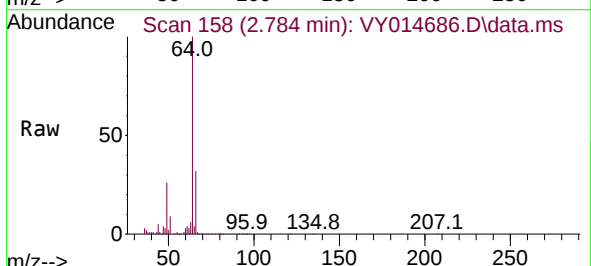
Tgt Ion: 94 Resp: 104649
Ion Ratio Lower Upper
94 100
96 92.4 75.8 113.6

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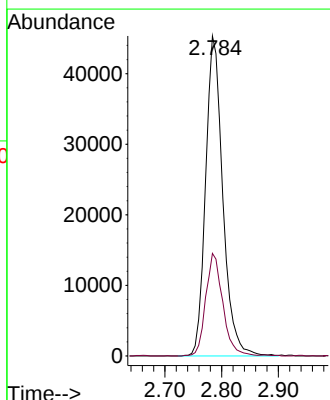
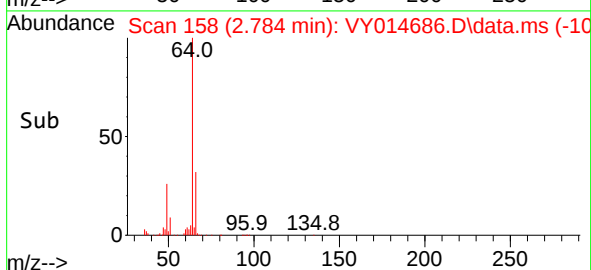
Reviewed By :John Carlone 07/18/2023
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#6
Chloroethane
Concen: 65.166 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
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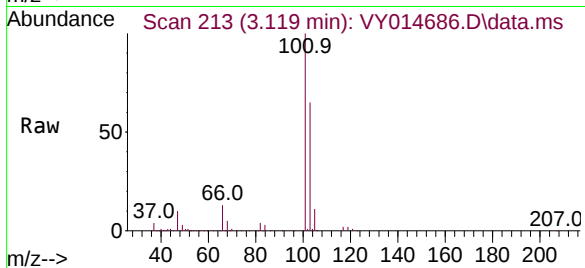
Tgt Ion: 64 Resp: 95519
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 54.221 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY014686.D
 Acq: 17 Jul 2023 20:37

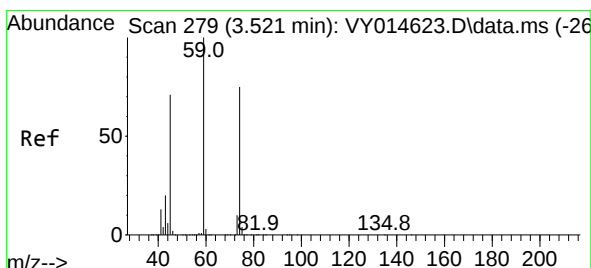
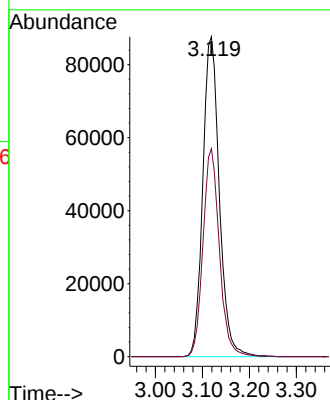
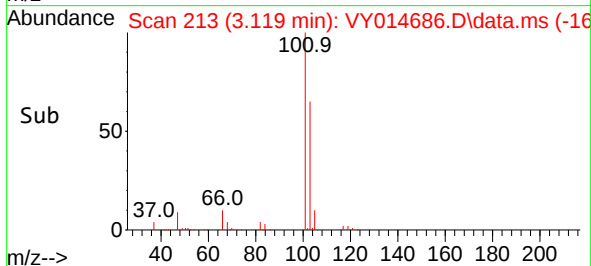
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 213690
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.0

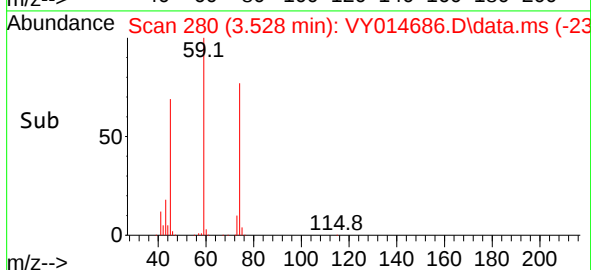
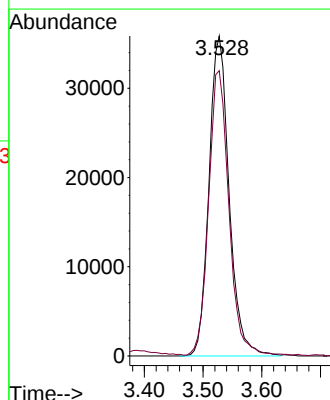
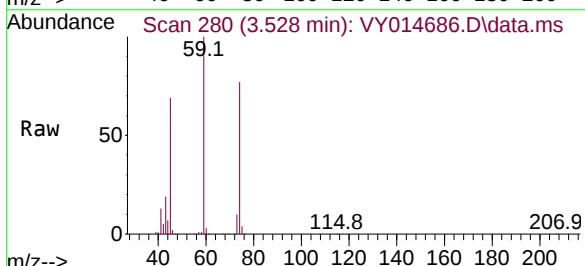
Manual Integrations
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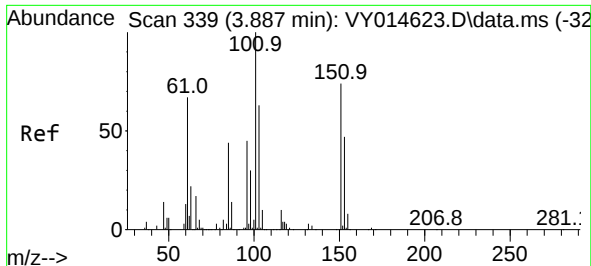
Reviewed By :John Carlone 07/18/2023
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#8
 Diethyl Ether
 Concen: 58.195 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
 Lab File: VY014686.D
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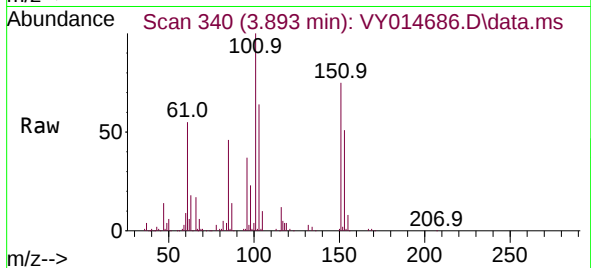
Tgt Ion: 74 Resp: 85336
 Ion Ratio Lower Upper
 74 100
 45 89.3 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.749 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

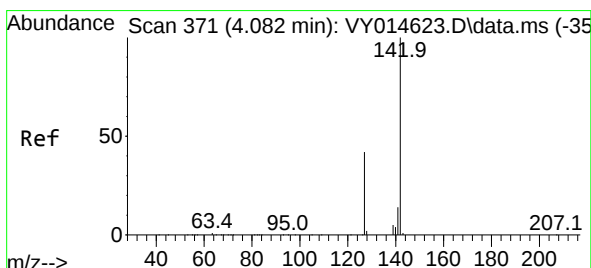
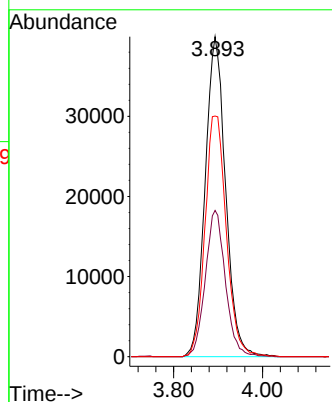
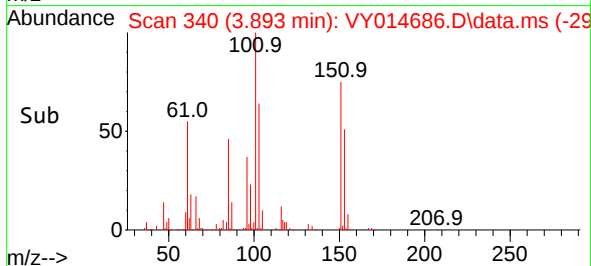
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



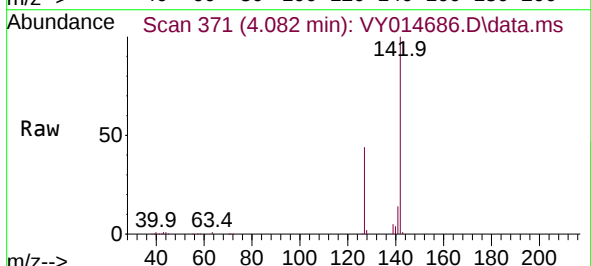
Tgt Ion:101 Resp: 12742
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 78.6 67.0 100.6

Manual Integrations
APPROVED

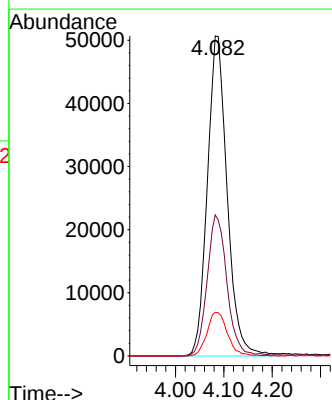
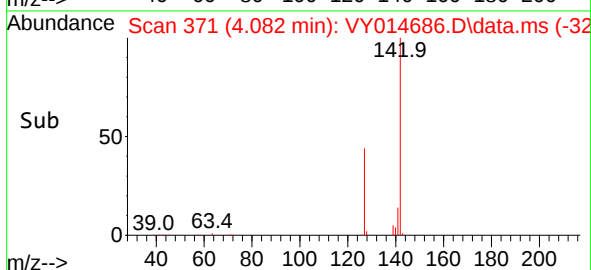
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

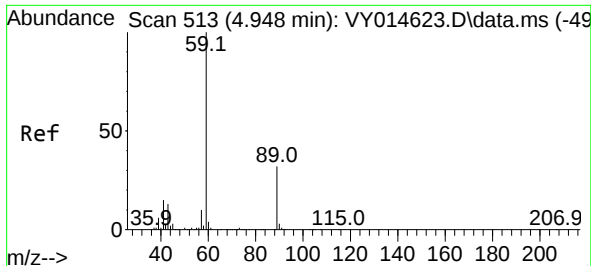


#10
Methyl Iodide
Concen: 55.995 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



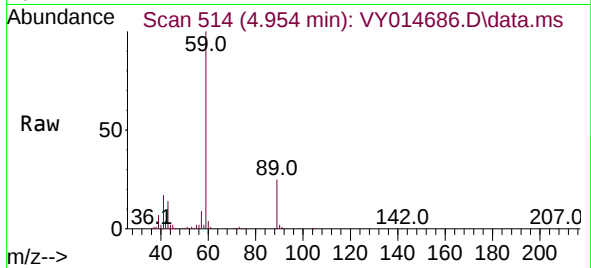
Tgt Ion:142 Resp: 144152
Ion Ratio Lower Upper
142 100
127 43.8 37.6 56.4
141 14.1 11.8 17.8





#11
Tert butyl alcohol
Concen: 346.219 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

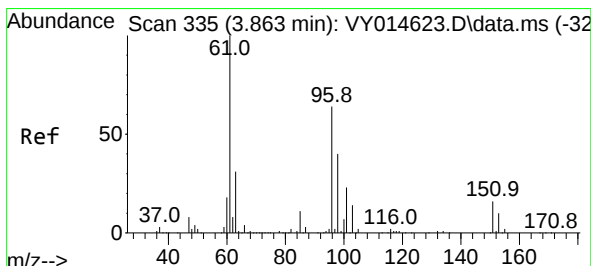
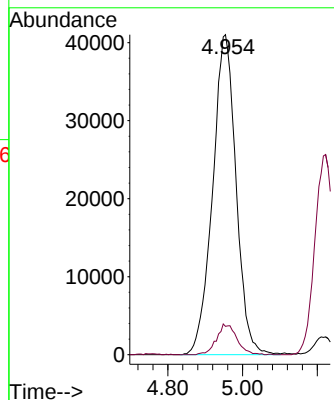
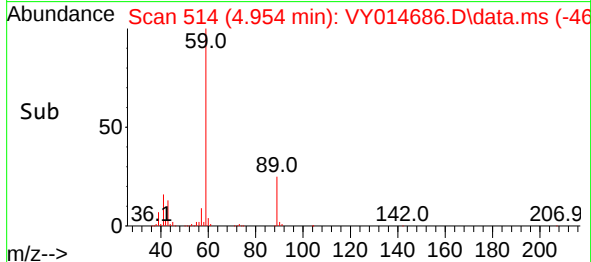
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



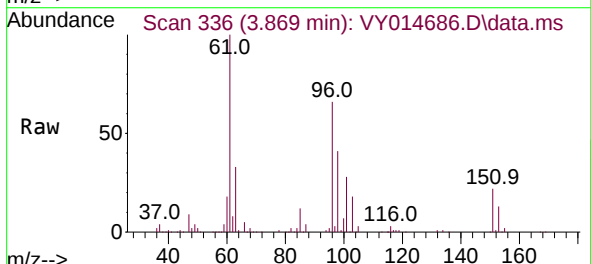
Tgt Ion: 59 Resp: 178710
Ion Ratio Lower Upper
59 100
57 8.2 3.0 4.4

Manual Integrations
APPROVED

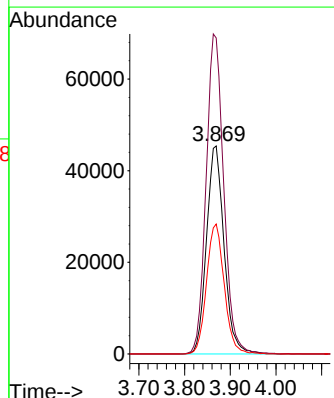
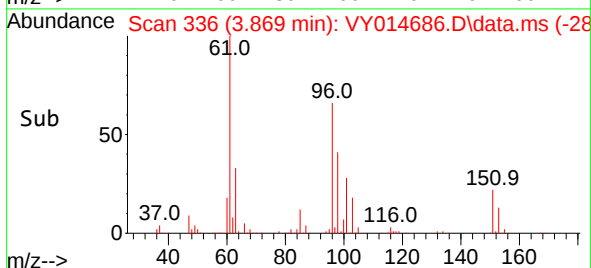
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

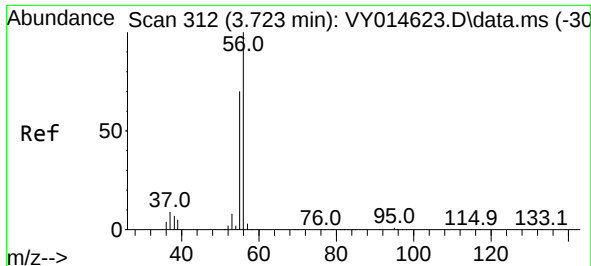


#12
1,1-Dichloroethene
Concen: 53.719 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



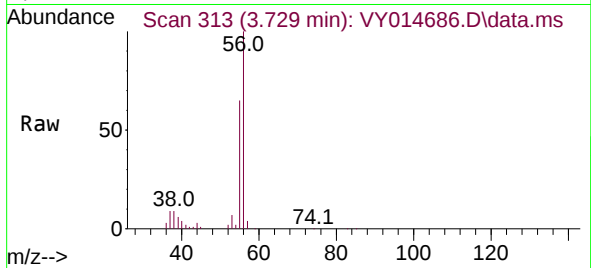
Tgt Ion: 96 Resp: 121281
Ion Ratio Lower Upper
96 100
61 151.9 136.4 204.6
98 62.5 49.4 74.2





#13
Acrolein
Concen: 154.629 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

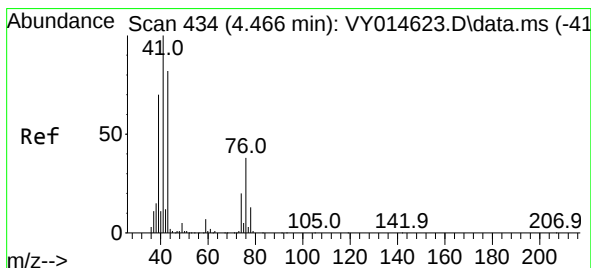
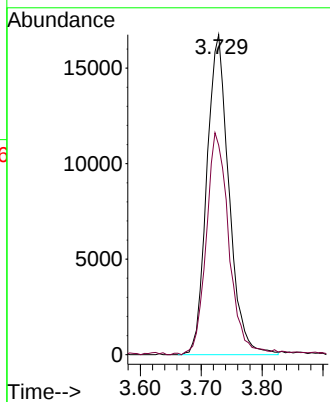
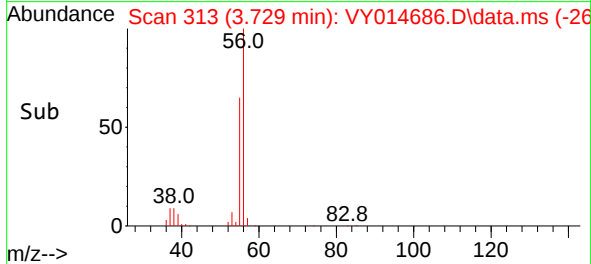
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 42224
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.4

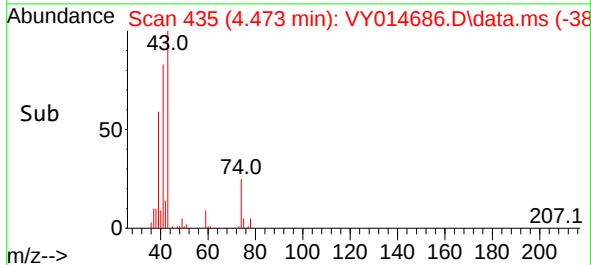
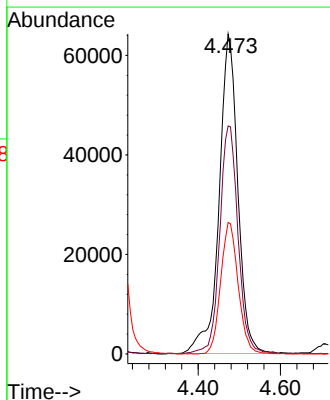
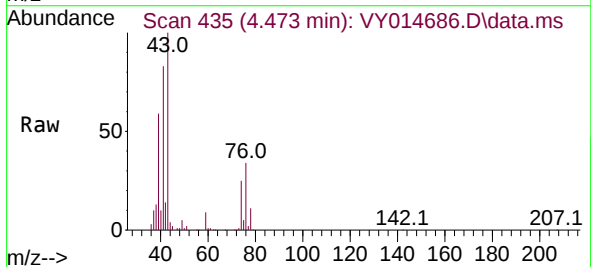
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#14
Allyl chloride
Concen: 50.654 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

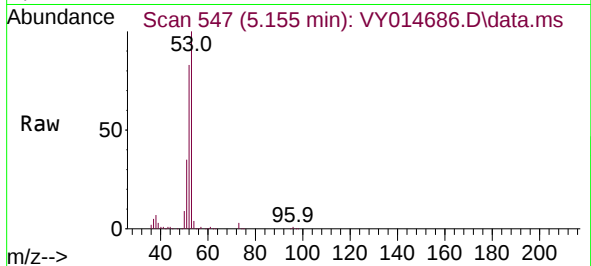
Tgt Ion: 41 Resp: 203056
Ion Ratio Lower Upper
41 100
39 70.0 58.0 87.0
76 38.6 27.4 41.2





#15
Acrylonitrile
Concen: 327.186 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

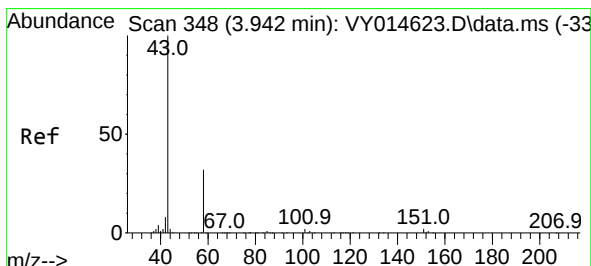
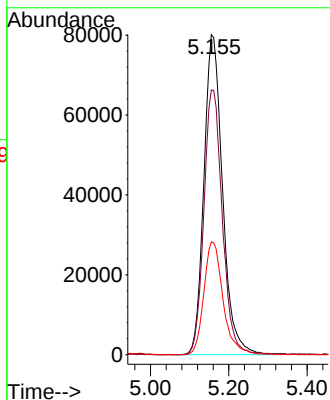
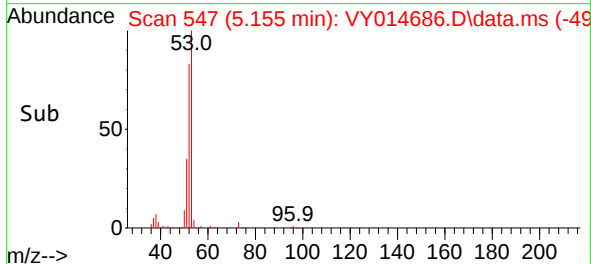
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 264560
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 36.5 29.8 44.6

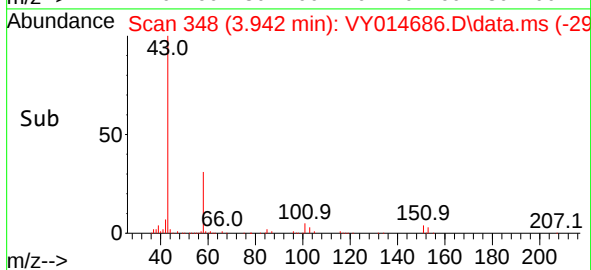
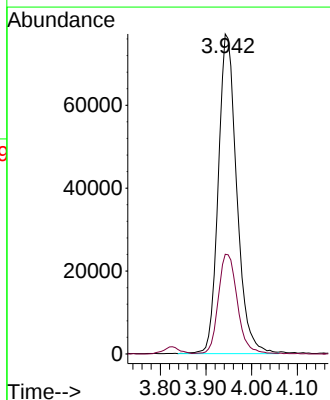
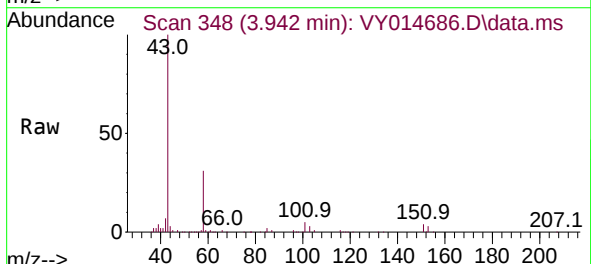
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#16
Acetone
Concen: 261.647 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

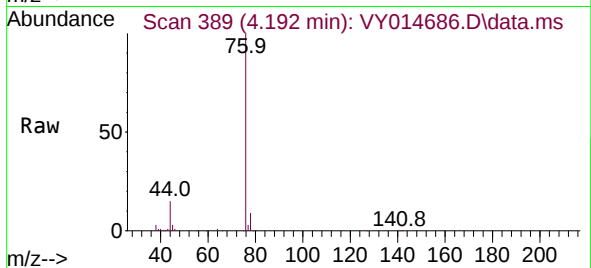
Tgt Ion: 43 Resp: 216617
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1





#17
Carbon Disulfide
Concen: 49.775 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

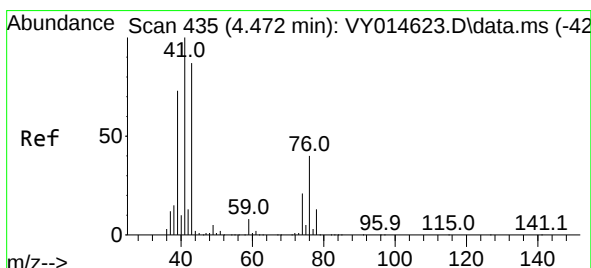
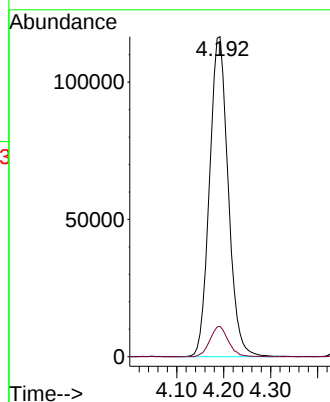
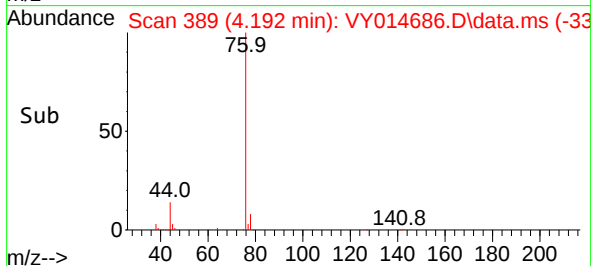
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 321734
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4

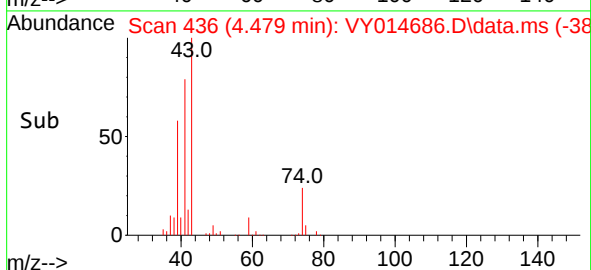
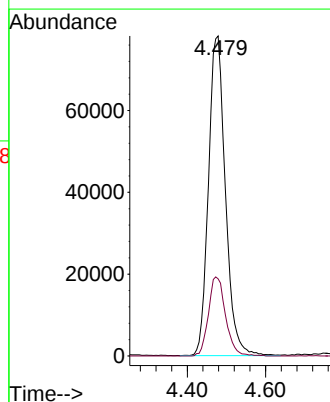
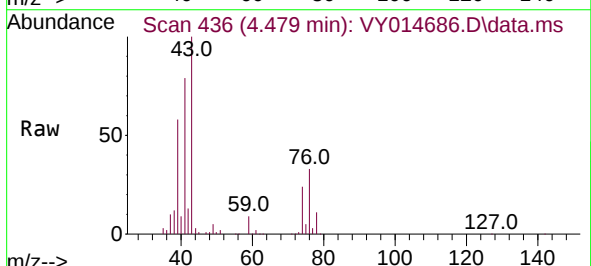
Manual Integrations
APPROVED

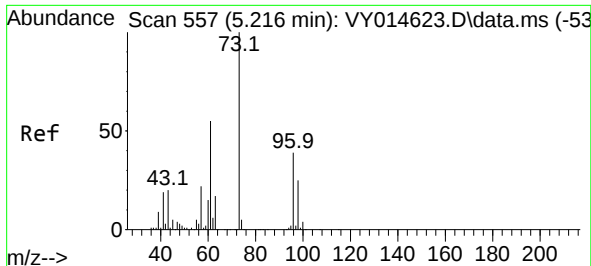
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#18
Methyl Acetate
Concen: 73.703 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

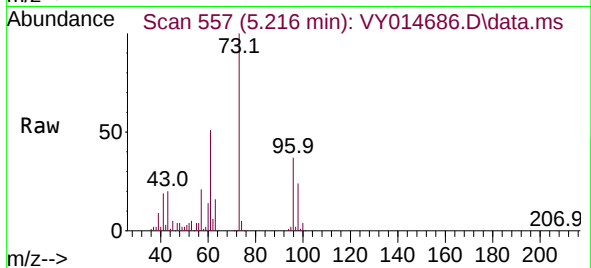
Tgt Ion: 43 Resp: 234159
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 60.125 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

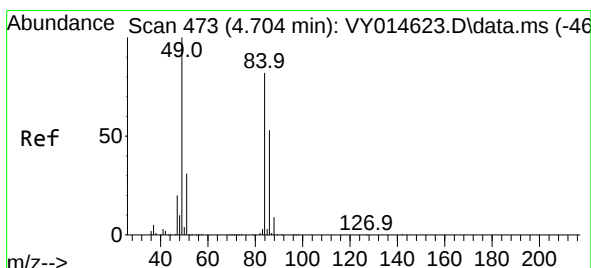
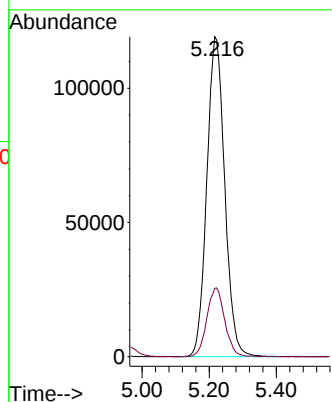
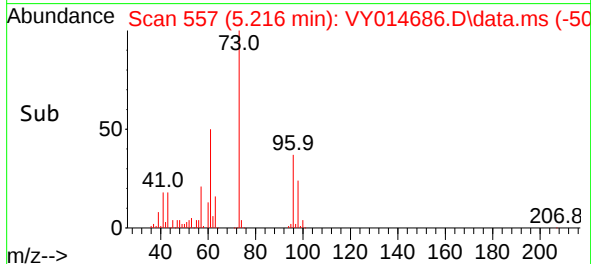
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 440944
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

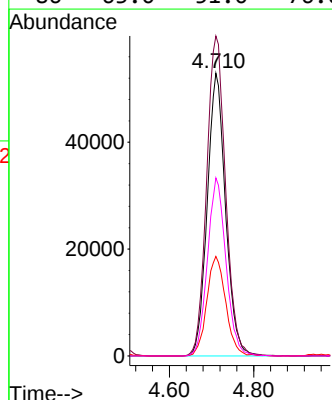
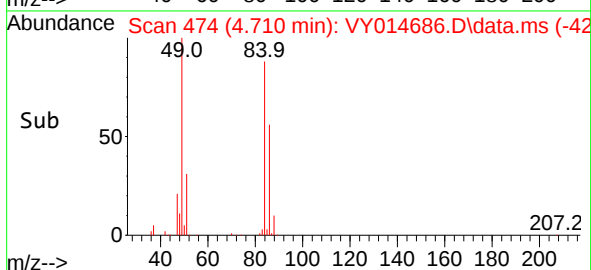
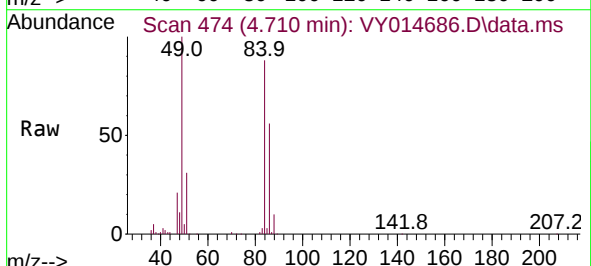
Manual Integrations
APPROVED

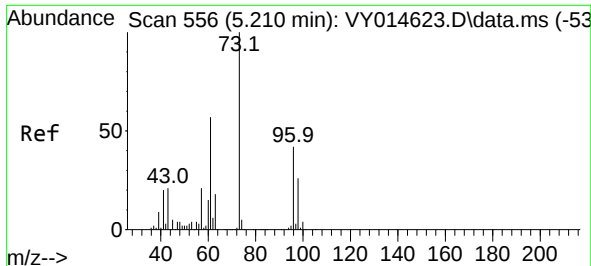
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#20
Methylene Chloride
Concen: 60.380 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

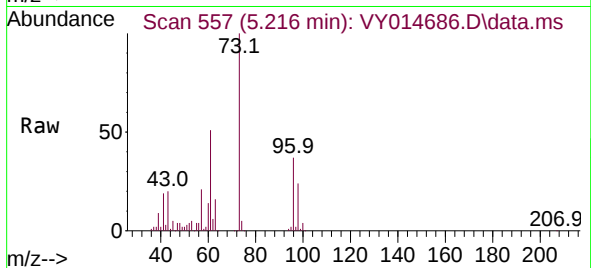
Tgt Ion: 84 Resp: 160034
Ion Ratio Lower Upper
84 100
49 113.2 106.9 160.3
51 35.2 33.2 49.8
86 63.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 54.568 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

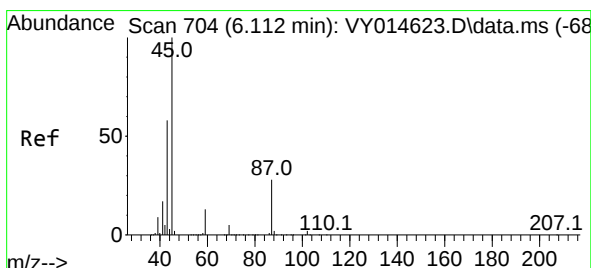
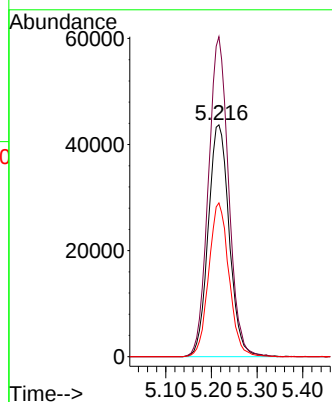
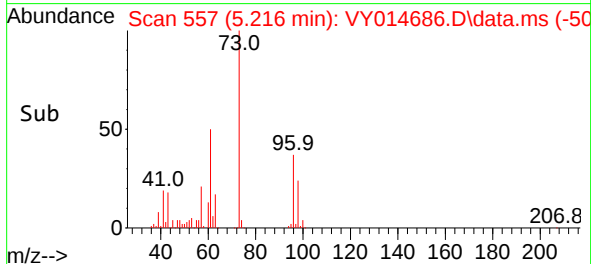
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



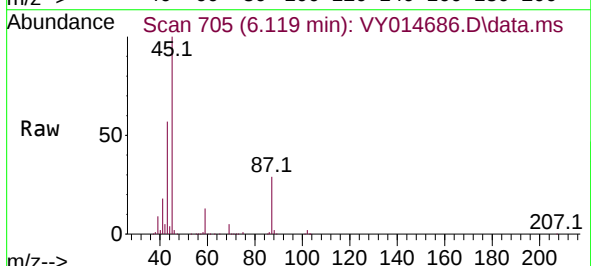
Tgt Ion: 96 Resp: 139810
Ion Ratio Lower Upper
96 100
61 138.0 110.2 165.4
98 66.3 51.8 77.6

Manual Integrations
APPROVED

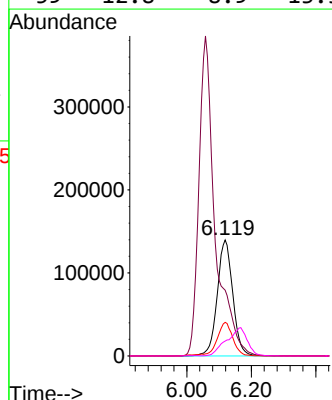
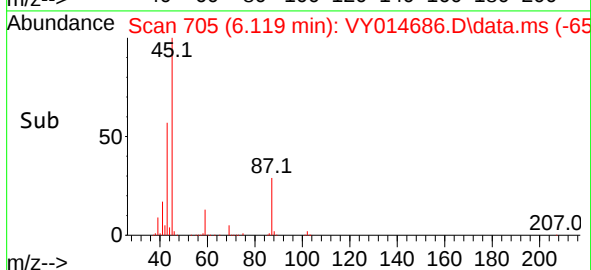
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#22
Diisopropyl ether
Concen: 57.353 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



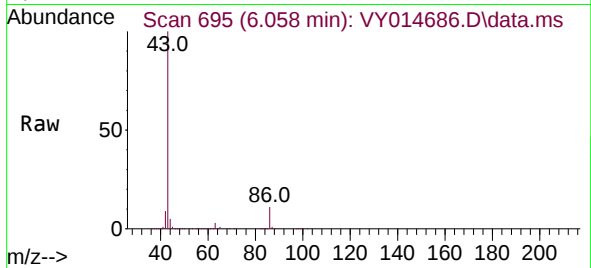
Tgt Ion: 45 Resp: 467422
Ion Ratio Lower Upper
45 100
43 56.7 52.2 78.4
87 29.0 21.0 31.6
59 12.8 8.9 13.3





#23
 Vinyl Acetate
 Concen: 275.150 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY014686.D
 Acq: 17 Jul 2023 20:37

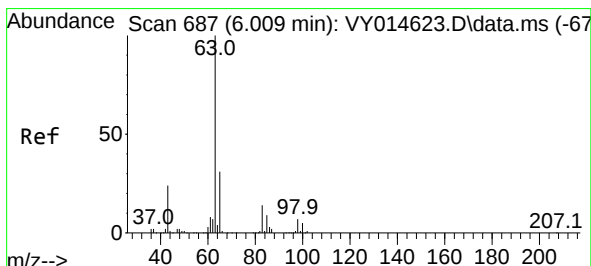
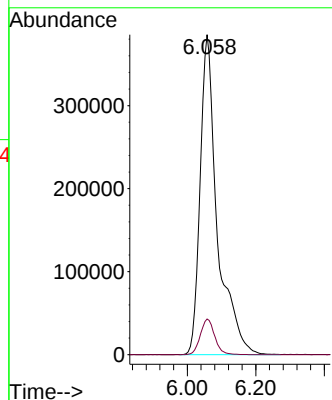
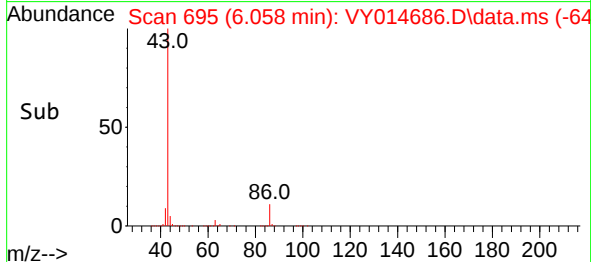
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



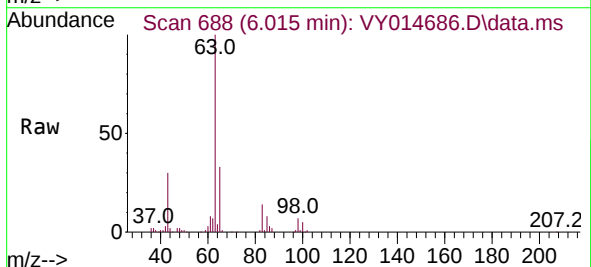
Tgt Ion: 43 Resp: 1341958
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3

Manual Integrations
 APPROVED

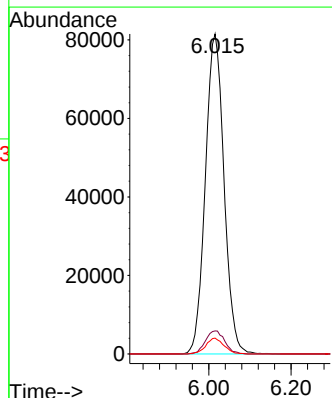
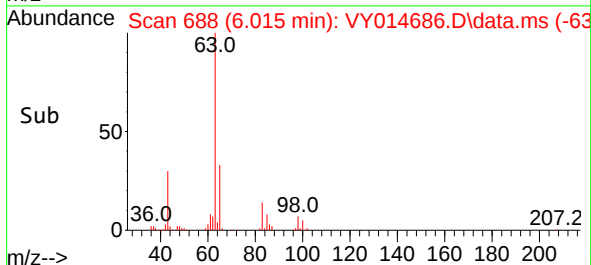
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#24
 1,1-Dichloroethane
 Concen: 55.112 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014686.D
 Acq: 17 Jul 2023 20:37



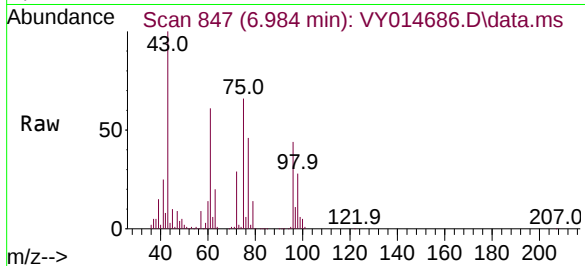
Tgt Ion: 63 Resp: 257004
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 5.0 1.8 5.5





#25
2-Butanone
Concen: 312.754 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

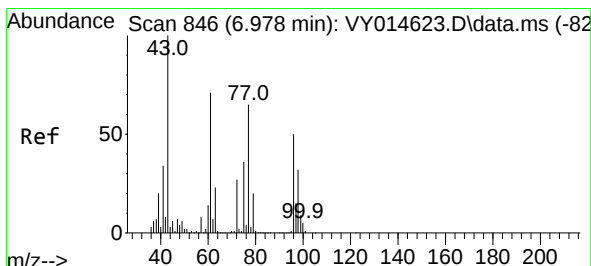
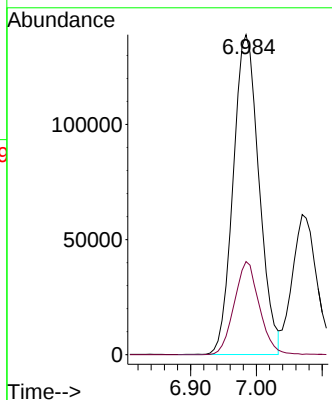
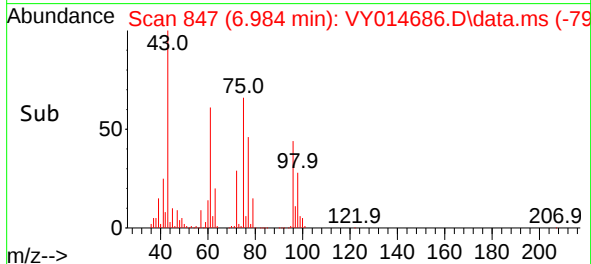
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



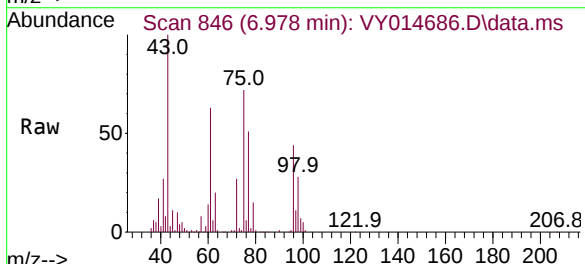
Tgt Ion: 43 Resp: 378810
Ion Ratio Lower Upper
43 100
72 29.1 20.5 30.7

Manual Integrations
APPROVED

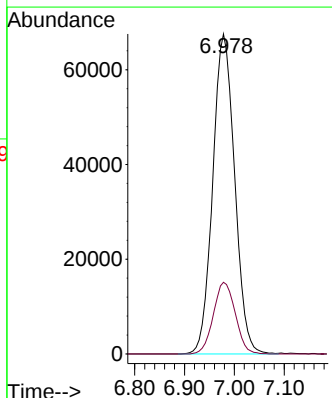
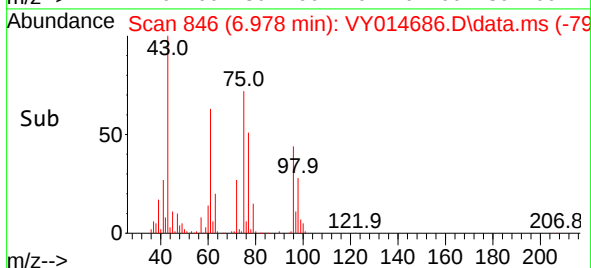
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

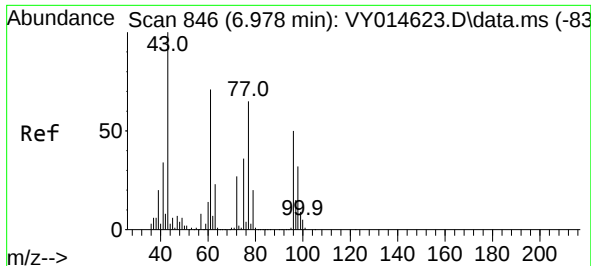


#26
2,2-Dichloropropane
Concen: 46.373 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



Tgt Ion: 77 Resp: 206101
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 56.820 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY014686.D

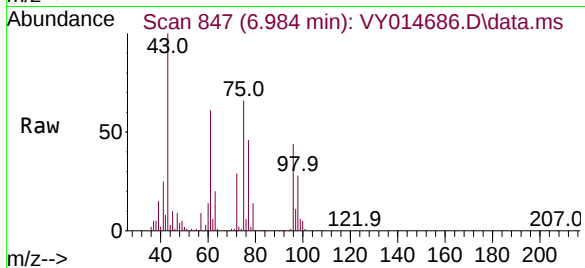
Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



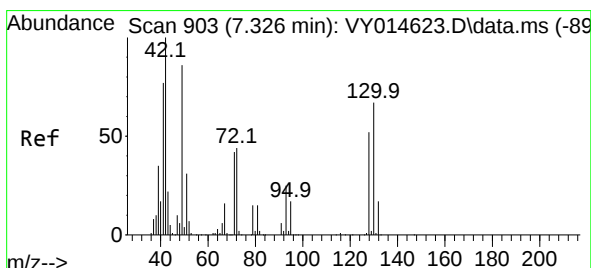
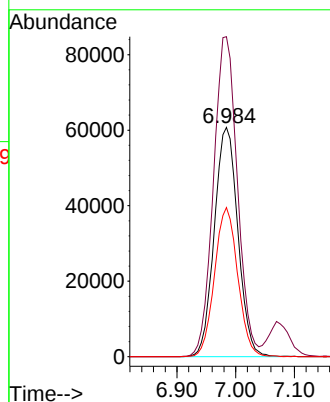
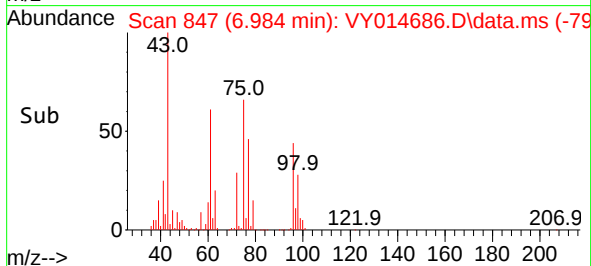
Tgt Ion:	96	Resp:	16945
Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	301.4
98	64.0	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#28

Bromochloromethane

Concen: 56.996 ug/l

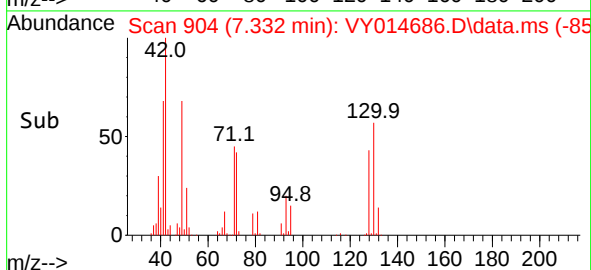
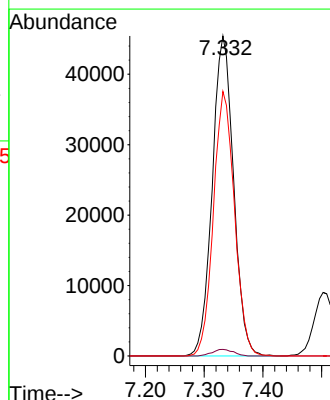
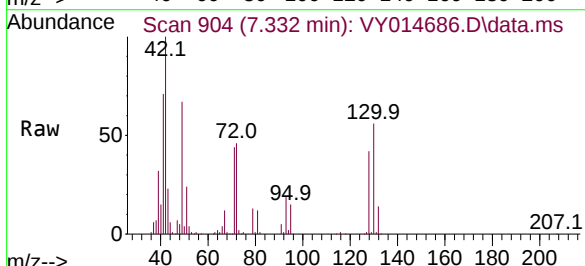
RT: 7.332 min Scan# 904

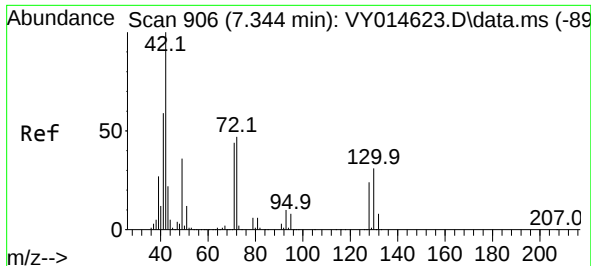
Delta R.T. 0.006 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Tgt Ion:	49	Resp:	114470
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	81.6	60.7	91.1





#29

Tetrahydrofuran

Concen: 342.616 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY014686.D

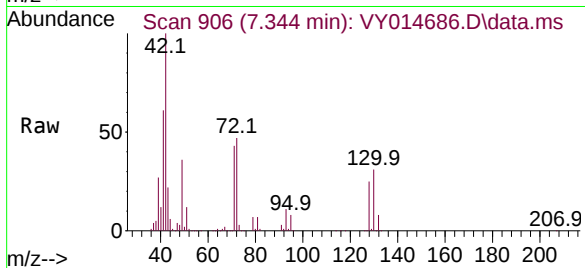
Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



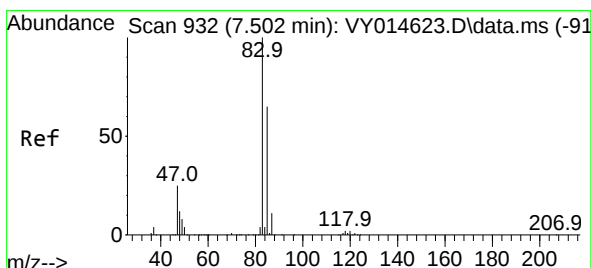
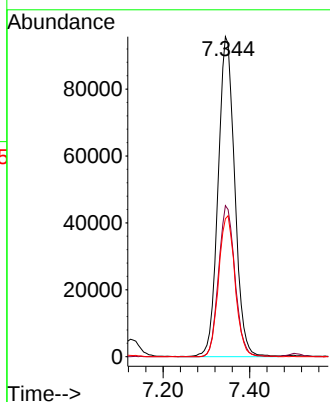
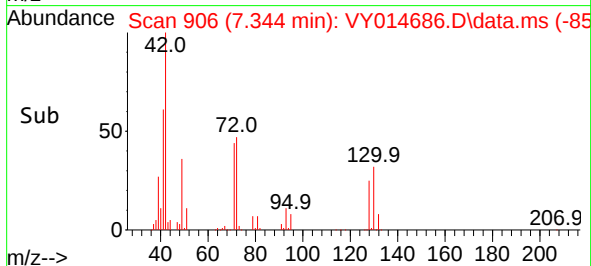
Tgt Ion:	42	Resp:	25552
Ion Ratio	Lower	Upper	
42	100		
72	46.6	32.8	49.2
71	43.6	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#30

Chloroform

Concen: 58.293 ug/l

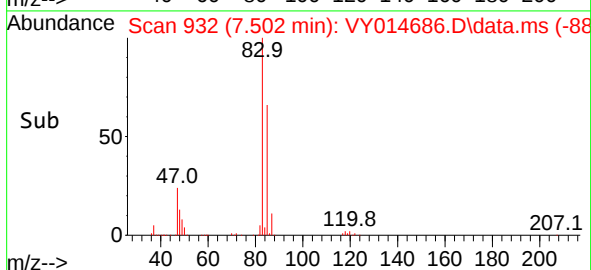
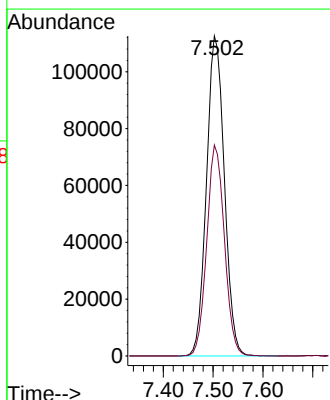
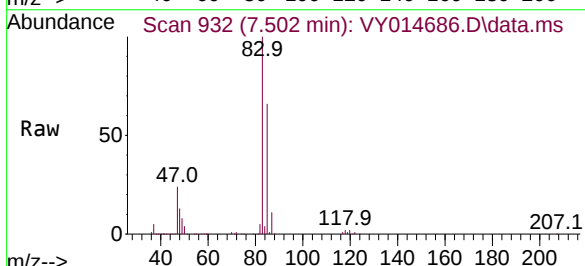
RT: 7.502 min Scan# 932

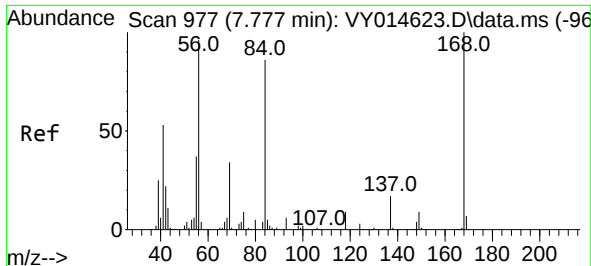
Delta R.T. 0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

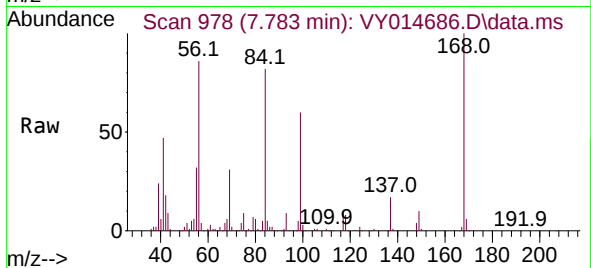
Tgt Ion:	83	Resp:	280321
Ion Ratio	Lower	Upper	
83	100		
85	65.9	49.7	74.5





#31
Cyclohexane
Concen: 48.827 ug/l
RT: 7.783 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

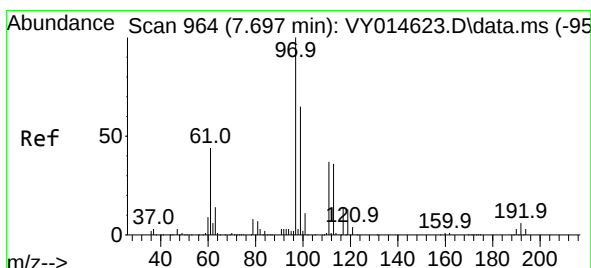
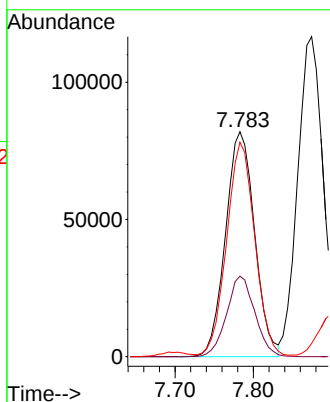
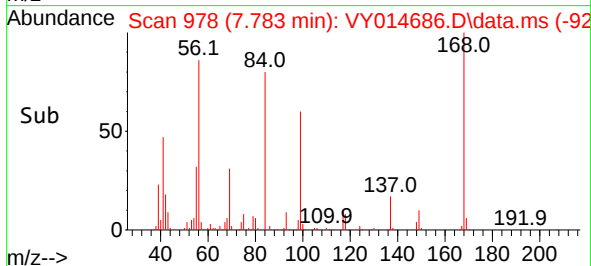
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



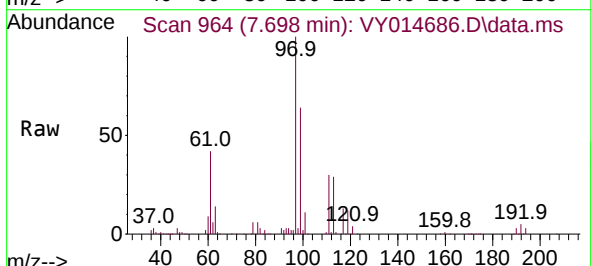
Tgt Ion: 56 Resp: 211758
Ion Ratio Lower Upper
56 100
69 35.8 27.8 41.6
84 93.3 66.4 99.6

Manual Integrations
APPROVED

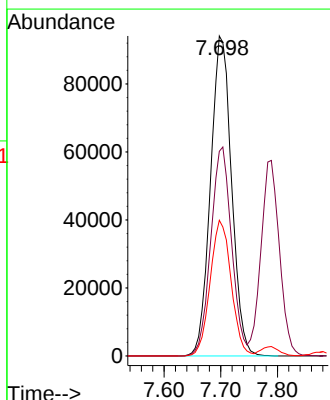
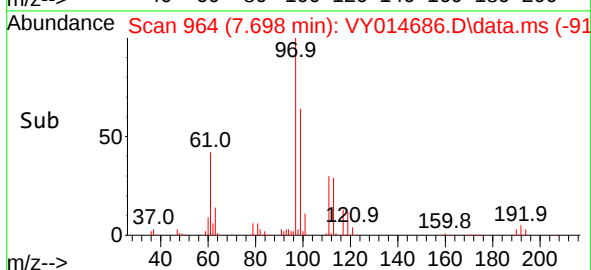
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#32
1,1,1-Trichloroethane
Concen: 55.995 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



Tgt Ion: 97 Resp: 242346
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 42.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.931 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 148730

Ion Ratio Lower Upper

65 100

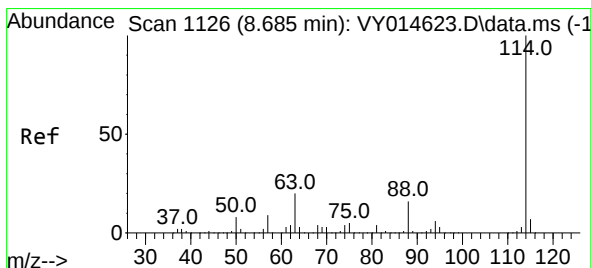
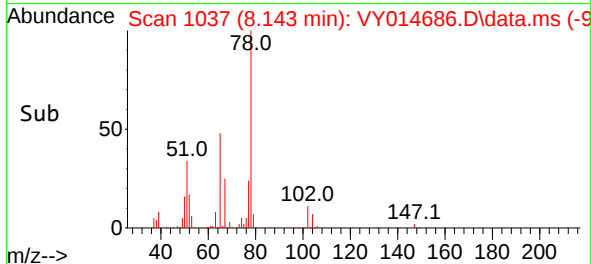
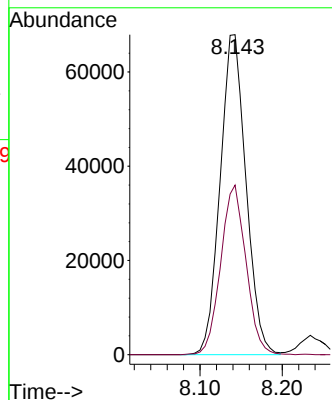
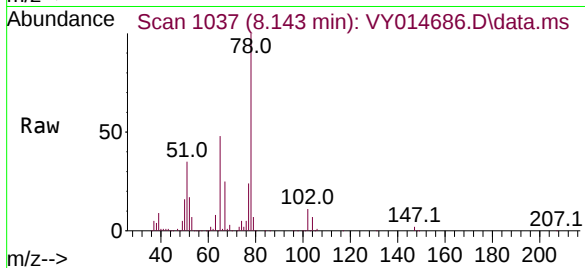
67 51.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

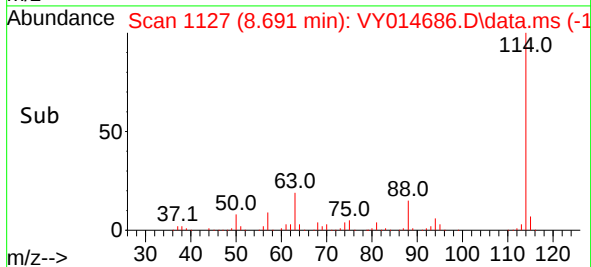
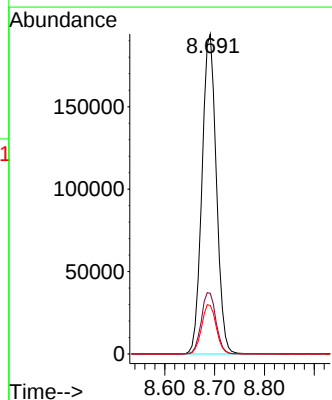
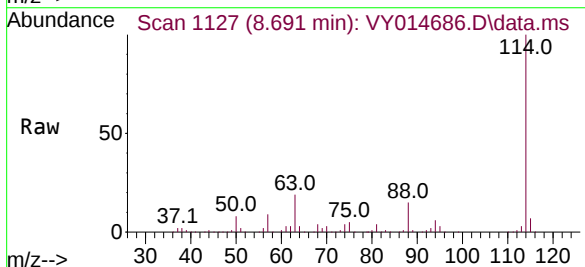
Tgt Ion:114 Resp: 387820

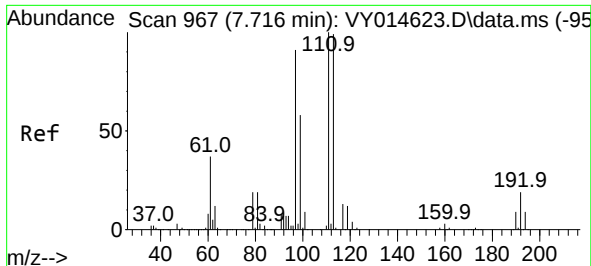
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

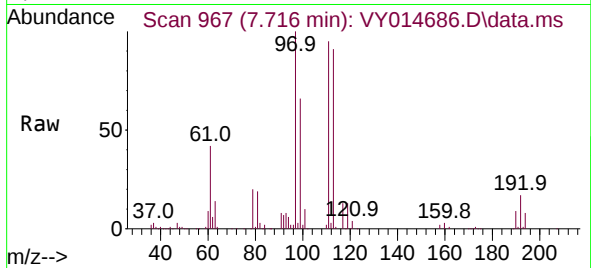
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.336 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

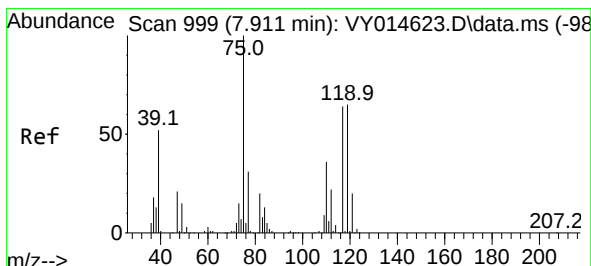
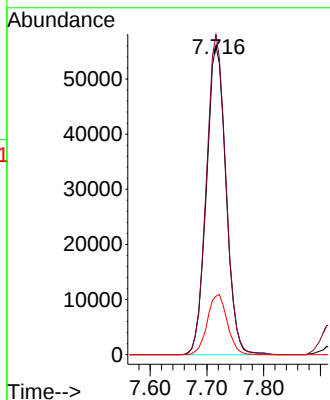
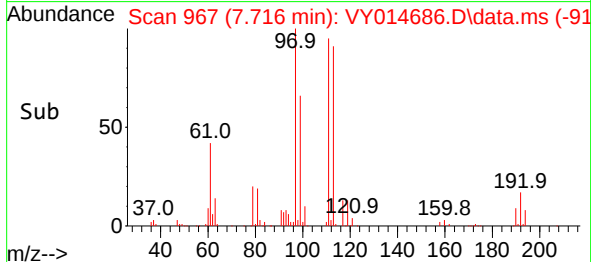
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



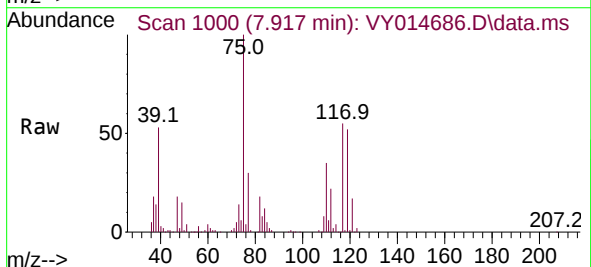
Tgt Ion: 113 Resp: 13414
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.8 16.9 25.3

Manual Integrations
APPROVED

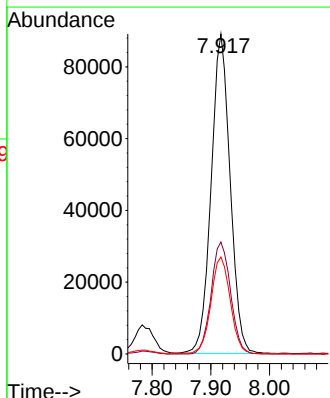
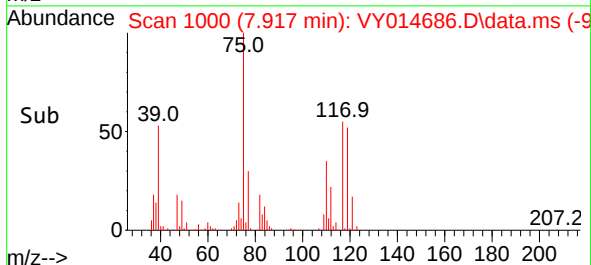
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

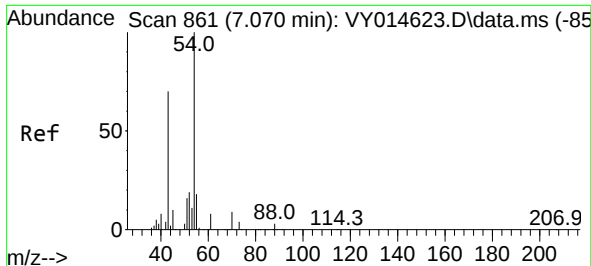


#36
1,1-Dichloropropene
Concen: 54.128 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



Tgt Ion: 75 Resp: 199840
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 63.416 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY014686.D

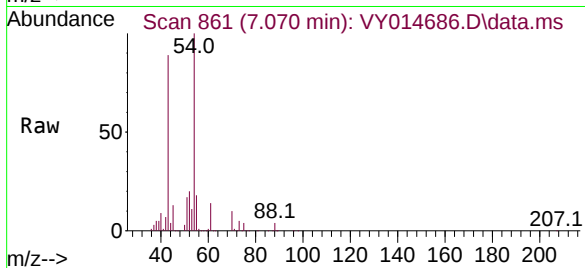
Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 161198

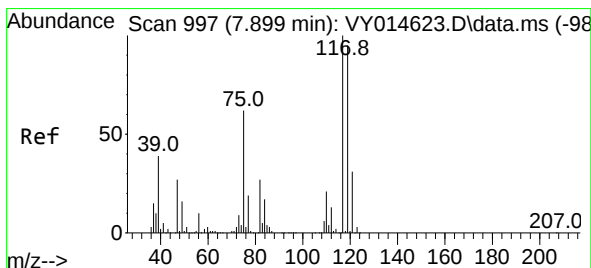
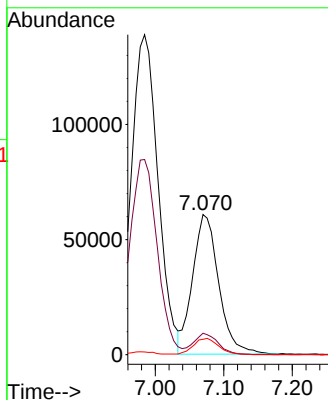
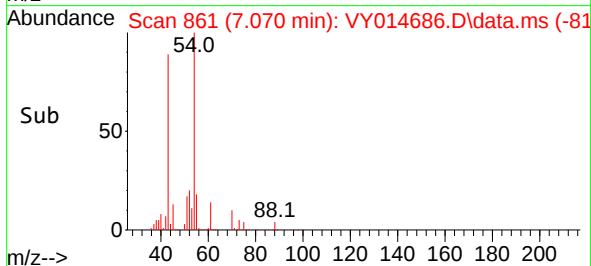
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.1	15.1
70	11.4	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#38

Carbon Tetrachloride

Concen: 55.248 ug/l

RT: 7.899 min Scan# 997

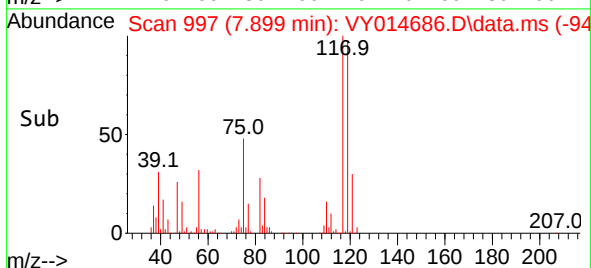
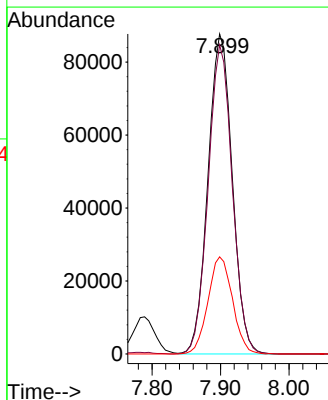
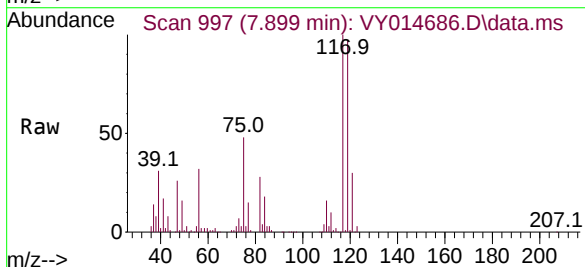
Delta R.T. -0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Tgt Ion:117 Resp: 215617

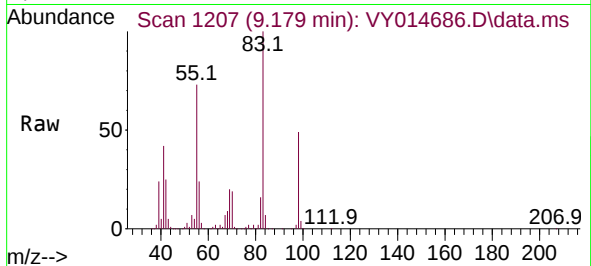
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.4	114.6
121	30.3	25.8	38.6





#39
Methylcyclohexane
Concen: 49.959 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

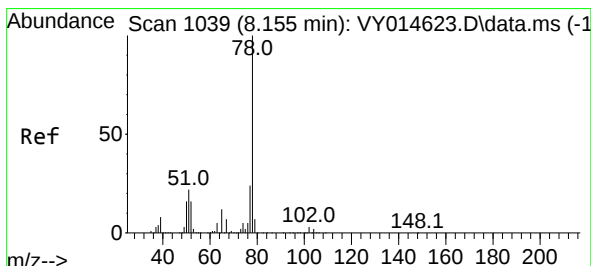
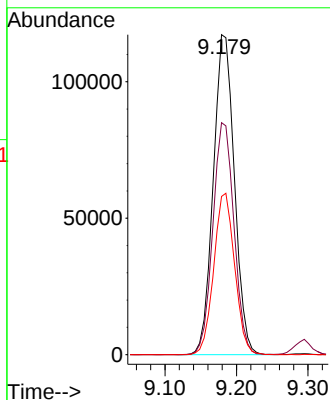
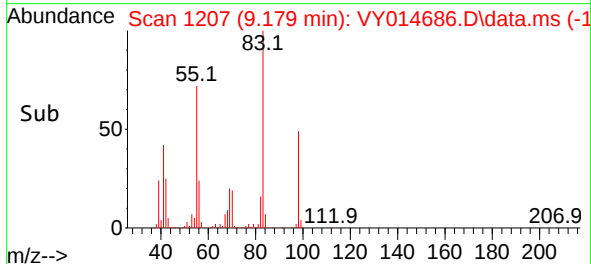
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 240298
Ion Ratio Lower Upper
83 100
55 72.5 63.0 94.4
98 49.4 37.4 56.2

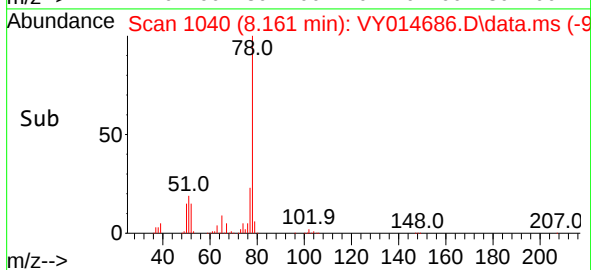
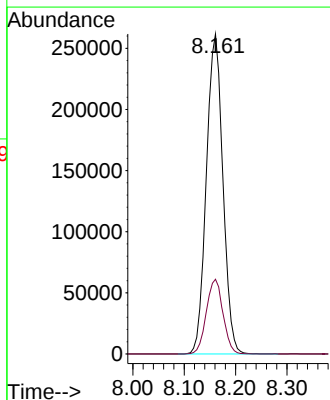
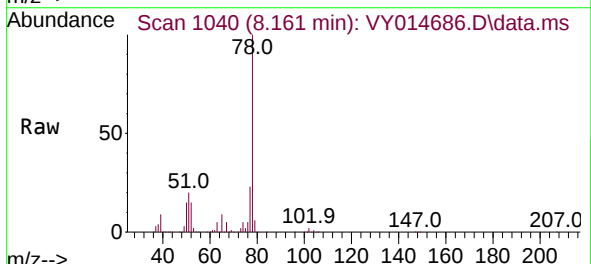
Manual Integrations
APPROVED

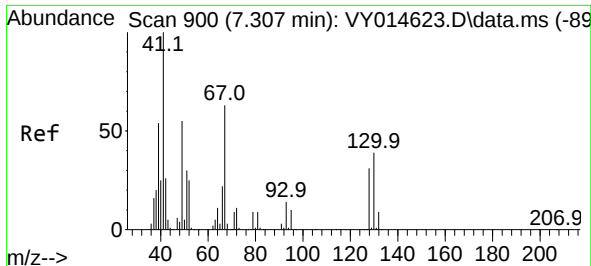
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#40
Benzene
Concen: 55.557 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

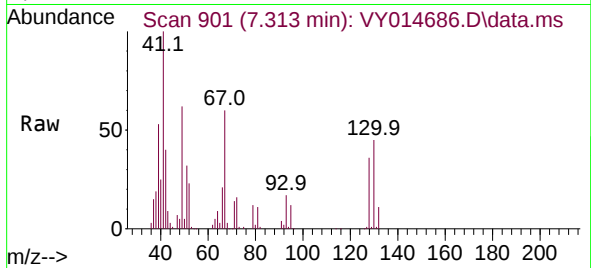
Tgt Ion: 78 Resp: 583358
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#41
Methacrylonitrile
Concen: 54.942 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

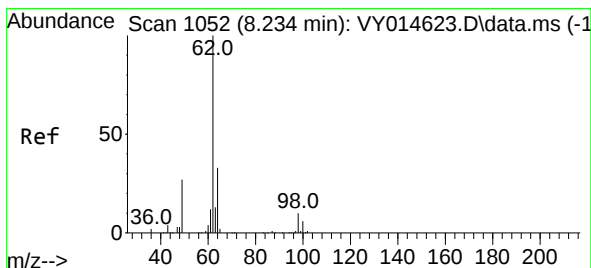
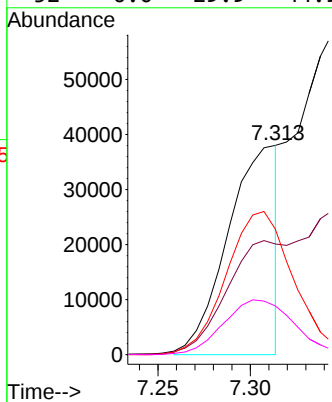
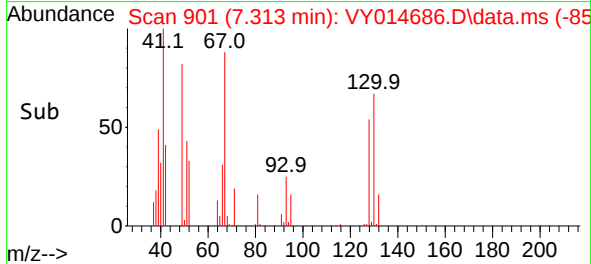
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 71834
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

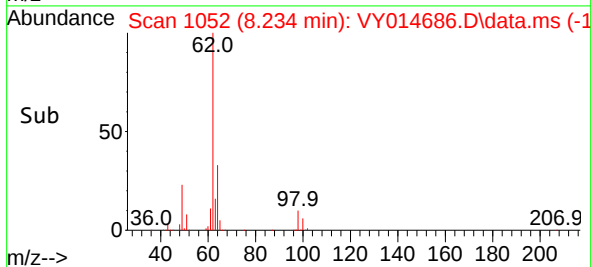
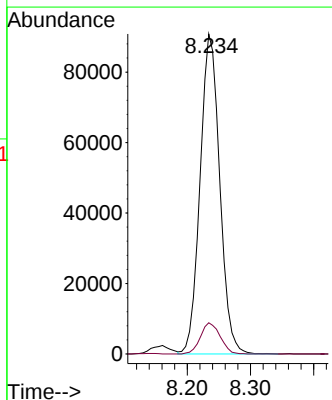
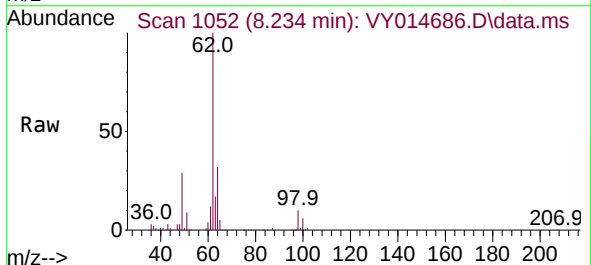
Manual Integrations
APPROVED

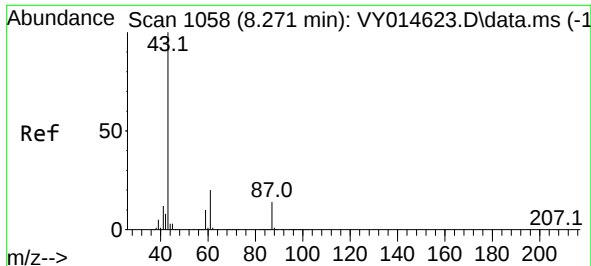
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#42
1,2-Dichloroethane
Concen: 59.103 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

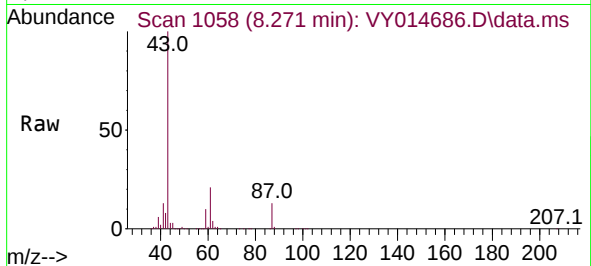
Tgt Ion: 62 Resp: 196525
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 61.648 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

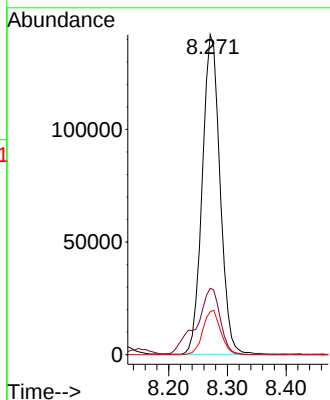
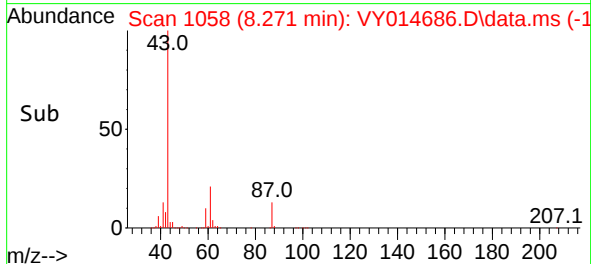
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



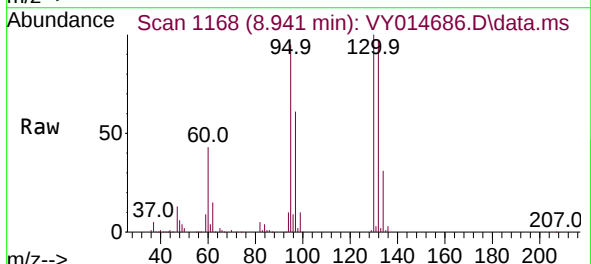
Tgt Ion: 43 Resp: 29850
Ion Ratio Lower Upper
43 100
61 28.0 21.1 31.7
87 13.9 9.8 14.8

Manual Integrations
APPROVED

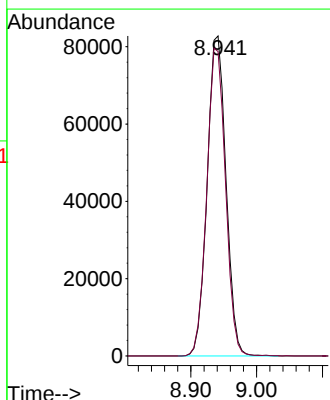
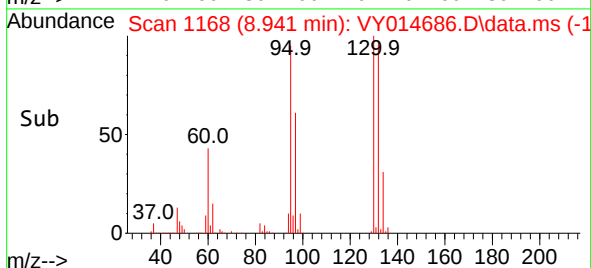
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

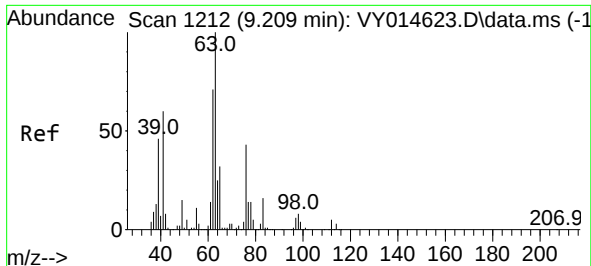


#44
Trichloroethene
Concen: 56.169 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



Tgt Ion:130 Resp: 165015
Ion Ratio Lower Upper
130 100
95 95.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 54.944 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.007 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 15064

Ion Ratio Lower Upper

63 100

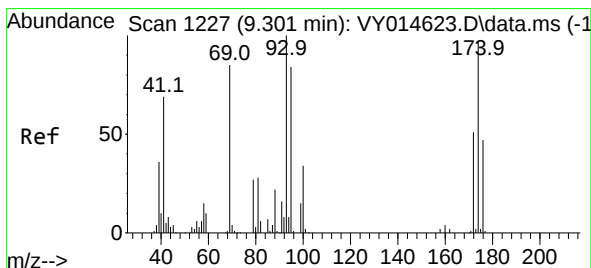
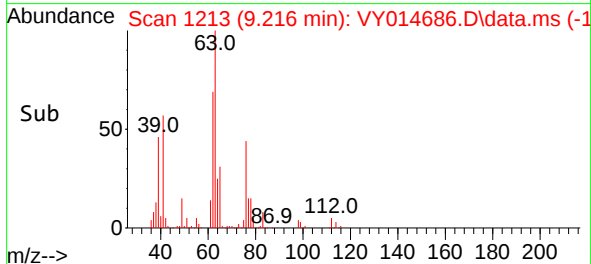
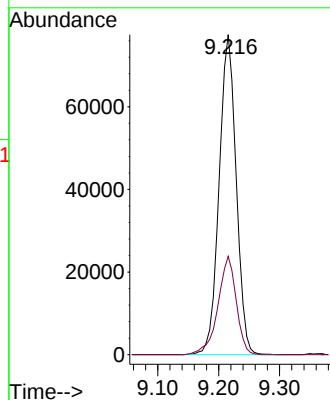
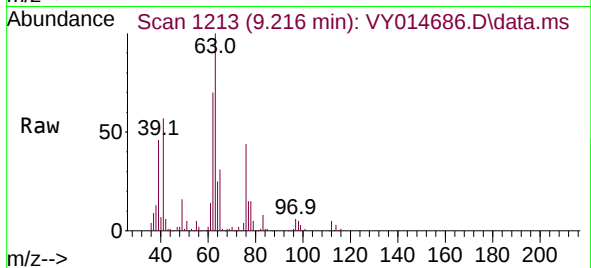
65 30.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 59.277 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

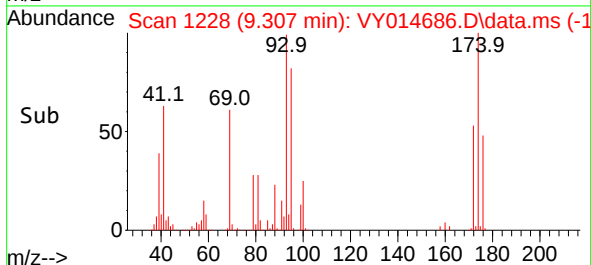
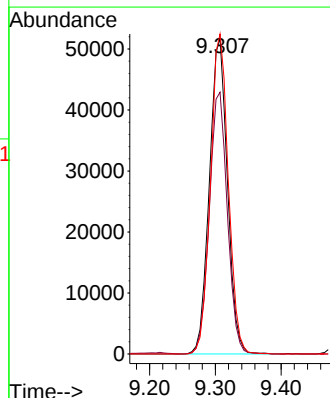
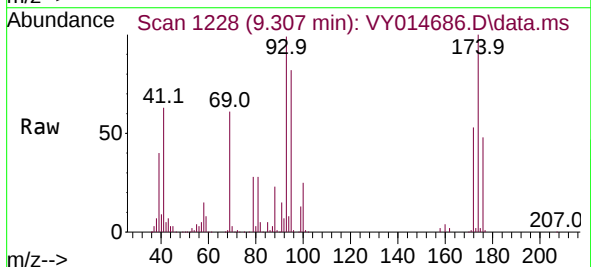
Tgt Ion: 93 Resp: 98597

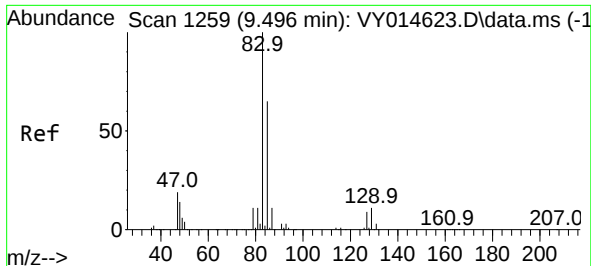
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

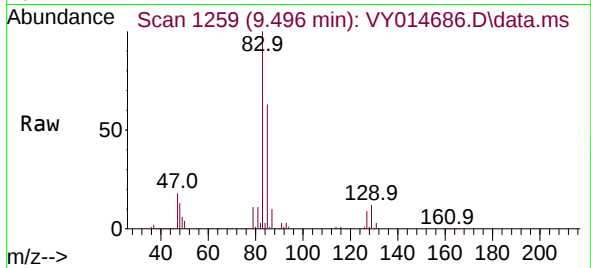
174 100.5 84.8 127.2





#47
Bromodichloromethane
Concen: 57.810 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

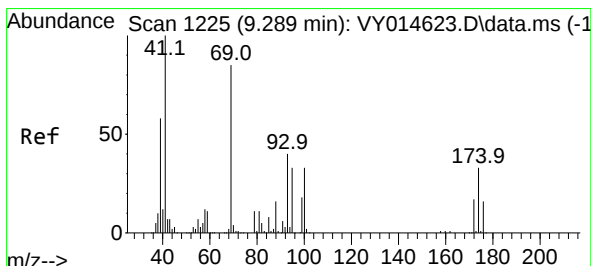
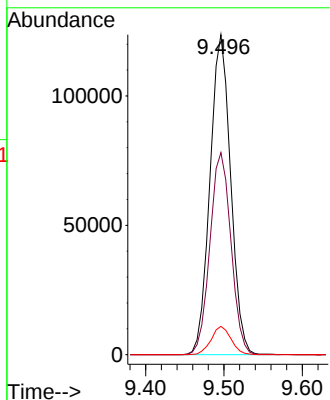
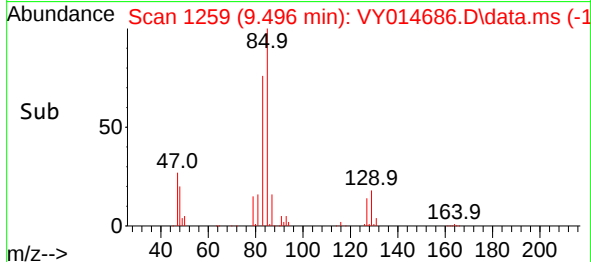
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 226632
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 8.8 7.1 10.7

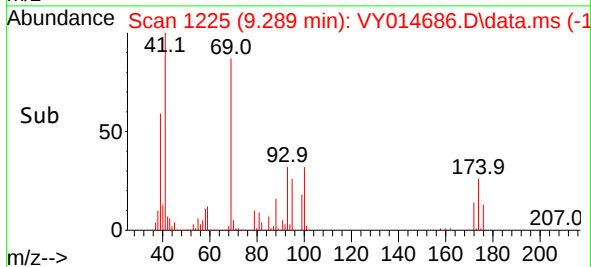
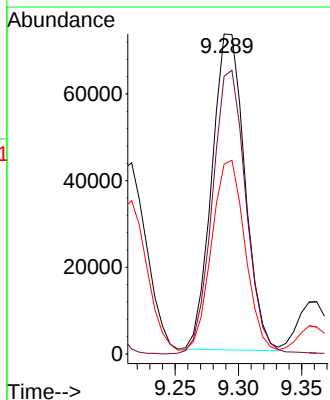
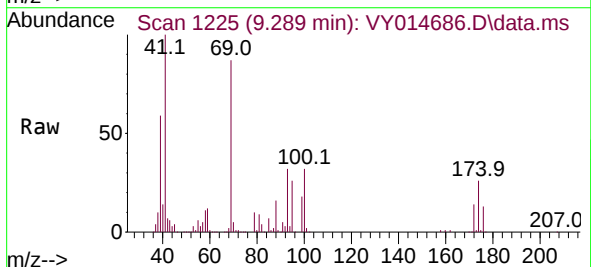
Manual Integrations
APPROVED

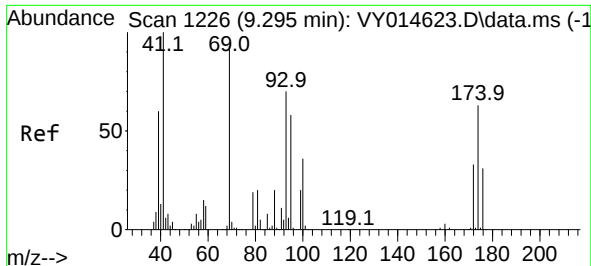
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#48
Methyl methacrylate
Concen: 60.761 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 41 Resp: 132387
Ion Ratio Lower Upper
41 100
69 91.7 64.5 96.7
39 63.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1357.787 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

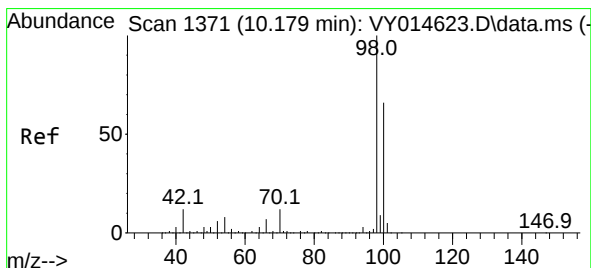
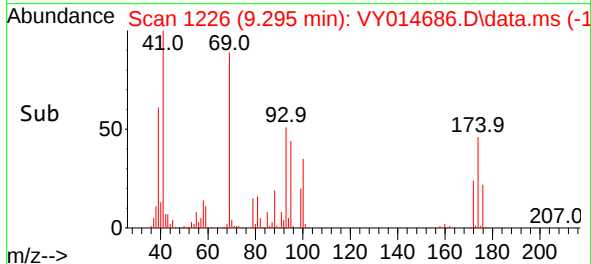
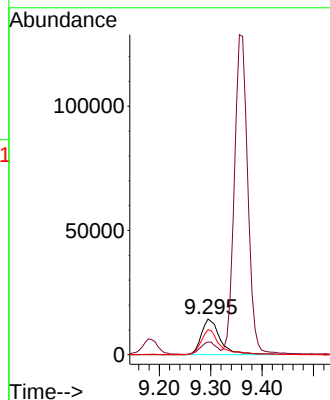
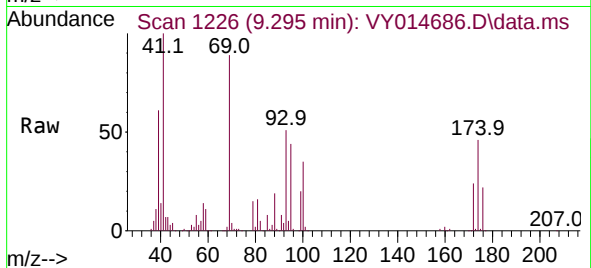
Tgt Ion: 88 Resp: 36820
 Ion Ratio Lower Upper
 88 100
 43 28.7 0.0 0.0
 58 70.5 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#50

Toluene-d8

Concen: 53.094 ug/l

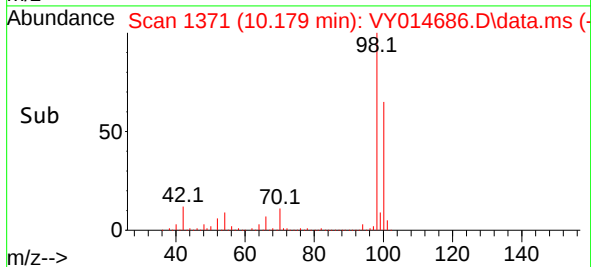
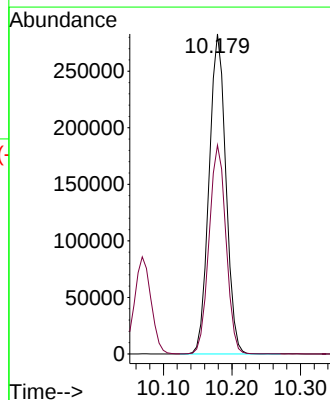
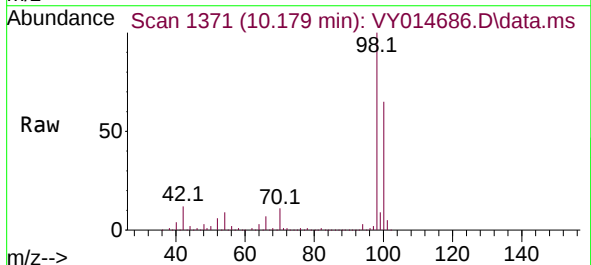
RT: 10.179 min Scan# 1371

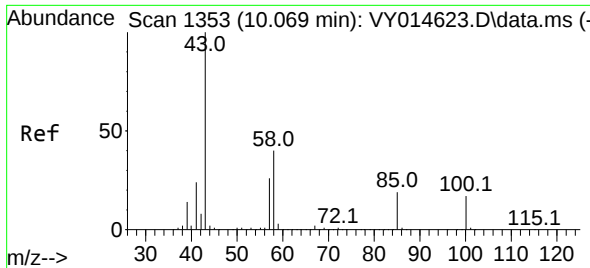
Delta R.T. -0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

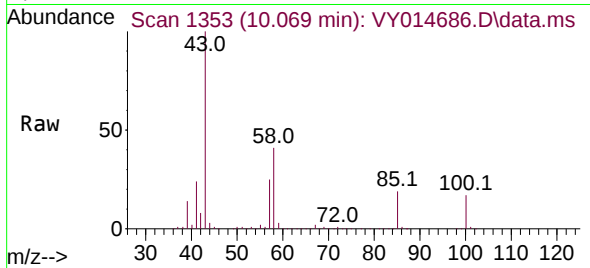
Tgt Ion: 98 Resp: 483251
 Ion Ratio Lower Upper
 98 100
 100 65.6 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 331.161 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

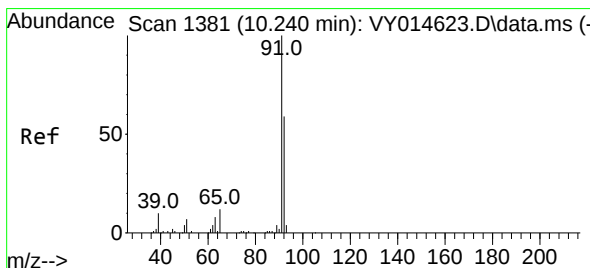
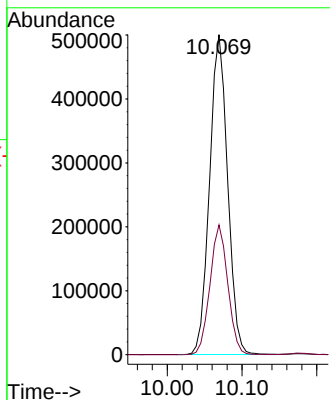
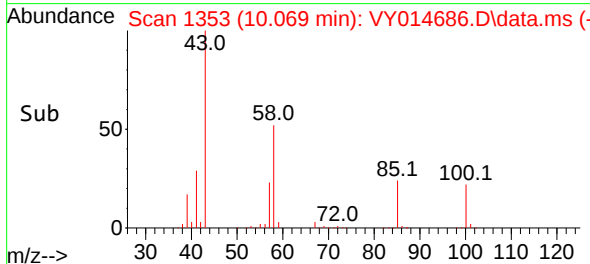
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 841919
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6

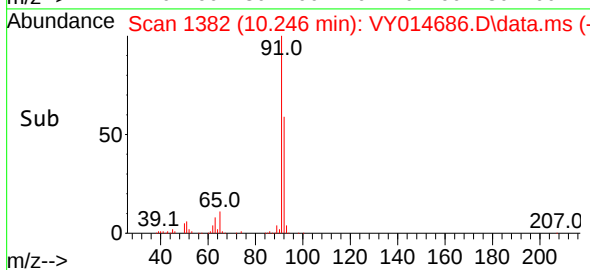
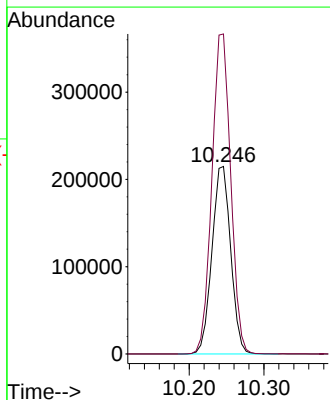
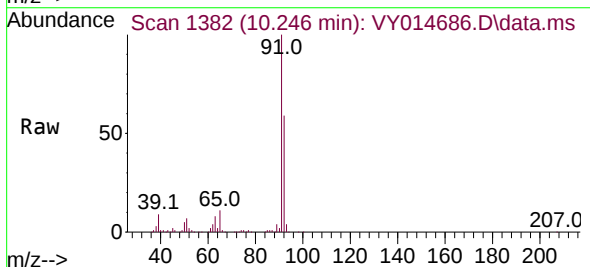
Manual Integrations
APPROVED

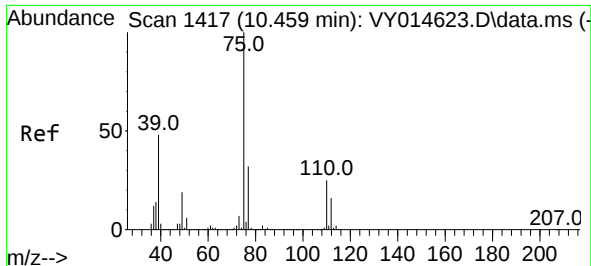
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#52
Toluene
Concen: 55.769 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

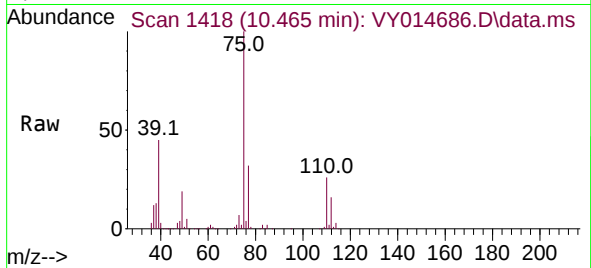
Tgt Ion: 92 Resp: 374716
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 54.693 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

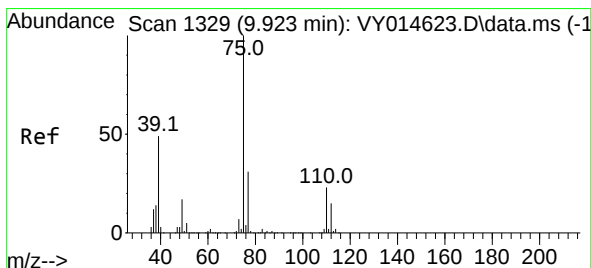
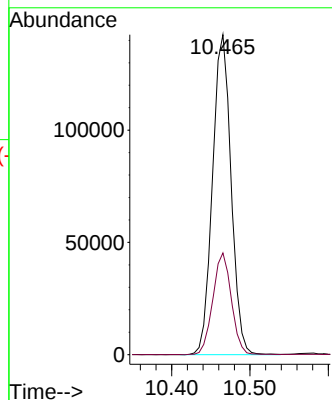
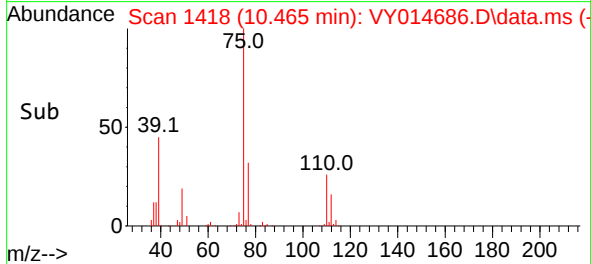
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 23453
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4

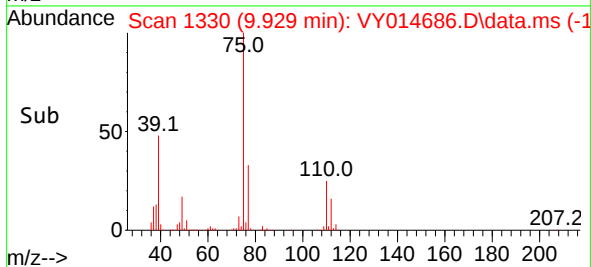
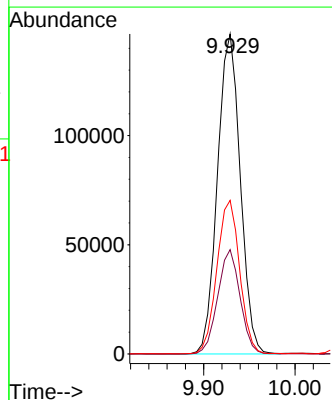
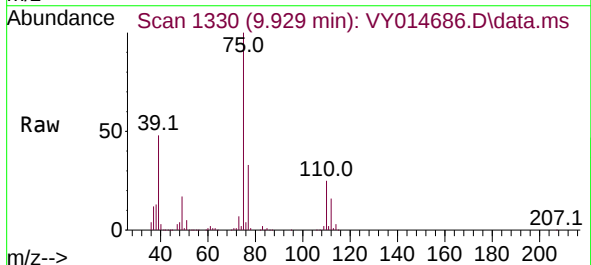
Manual Integrations
APPROVED

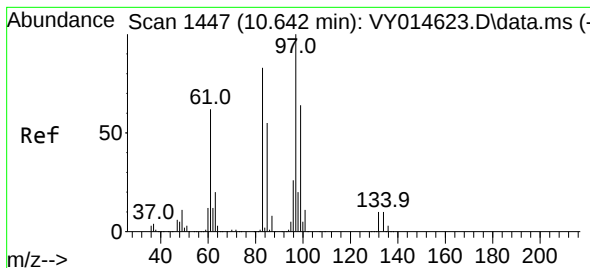
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#54
cis-1,3-Dichloropropene
Concen: 54.574 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

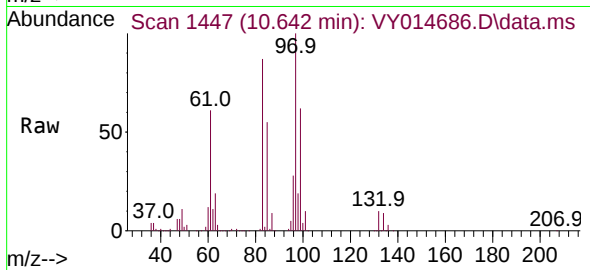
Tgt Ion: 75 Resp: 254491
Ion Ratio Lower Upper
75 100
77 32.6 24.2 36.4
39 47.9 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 60.751 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

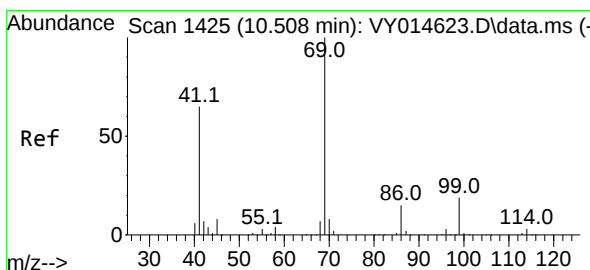
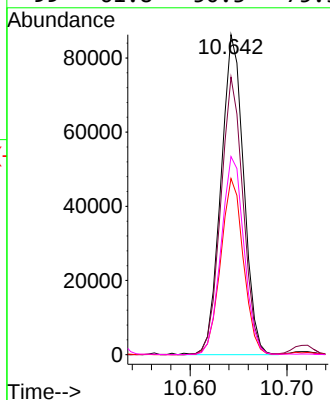
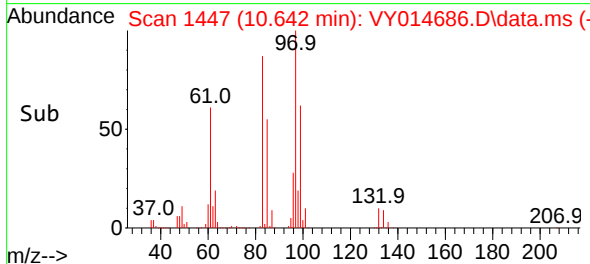
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



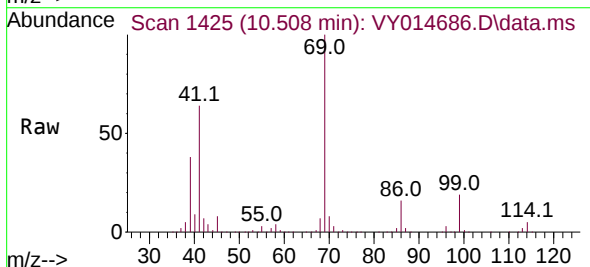
Tgt Ion: 97 Resp: 140758
Ion Ratio Lower Upper
97 100
83 86.8 72.0 108.0
85 55.0 45.4 68.0
99 61.8 50.3 75.5

Manual Integrations
APPROVED

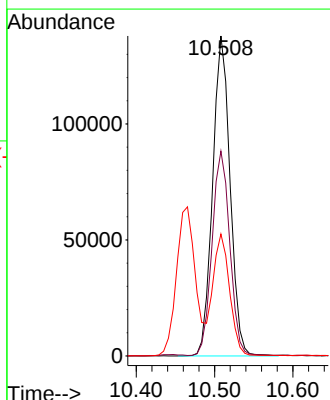
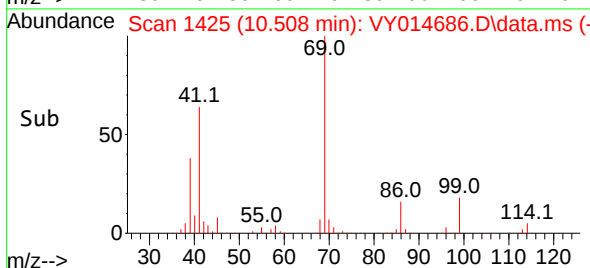
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

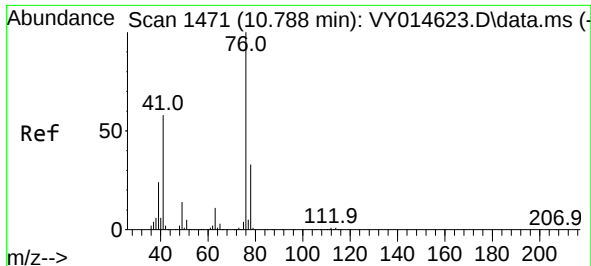


#56
Ethyl methacrylate
Concen: 60.364 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



Tgt Ion: 69 Resp: 213544
Ion Ratio Lower Upper
69 100
41 64.6 57.6 86.4
39 35.7 34.1 51.1





#57

1,3-Dichloropropane

Concen: 59.152 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014686.D

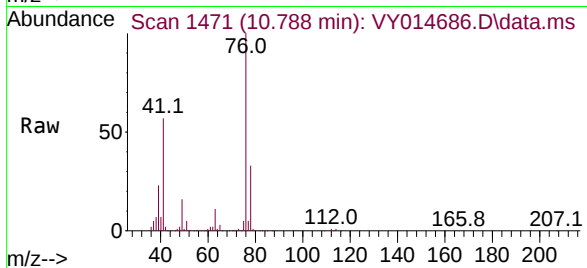
Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 236389

Ion Ratio Lower Upper

76 100

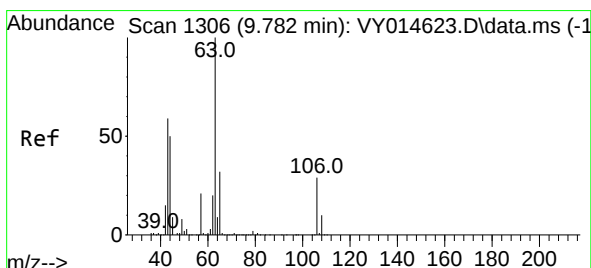
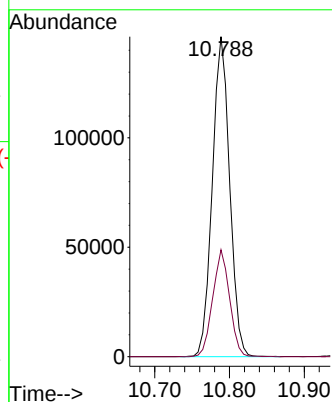
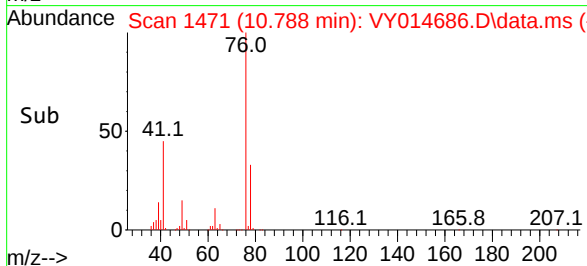
78 32.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 292.089 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014686.D

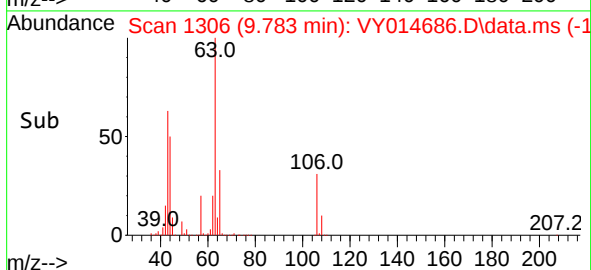
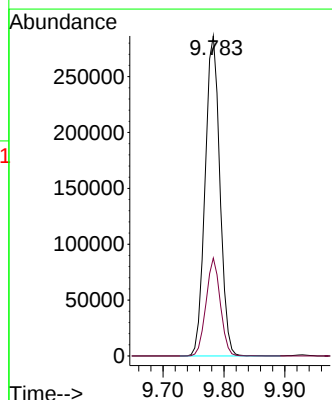
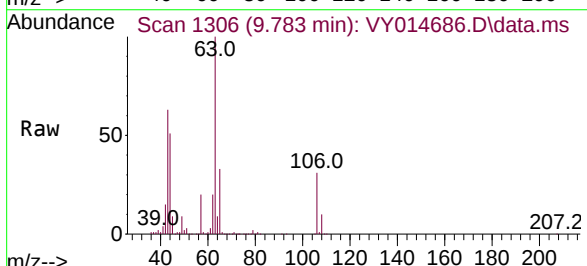
Acq: 17 Jul 2023 20:37

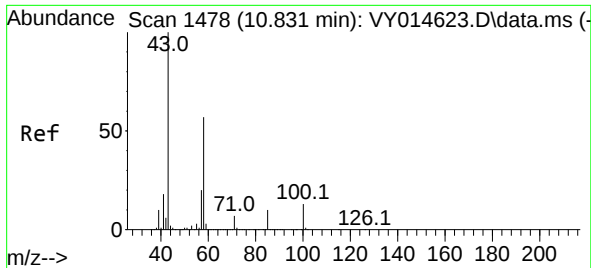
Tgt Ion: 63 Resp: 481459

Ion Ratio Lower Upper

63 100

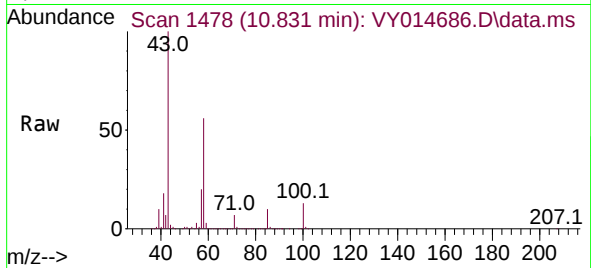
106 29.6 21.2 31.8





#59
2-Hexanone
Concen: 330.339 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

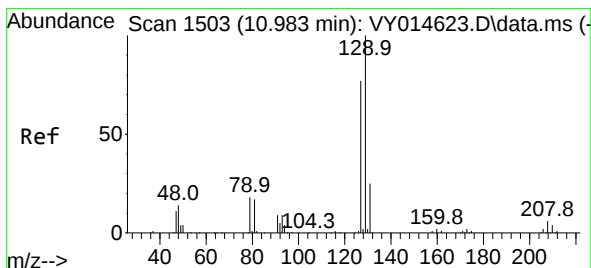
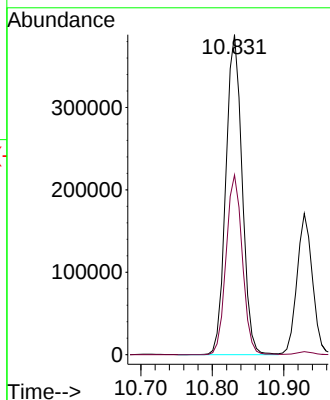
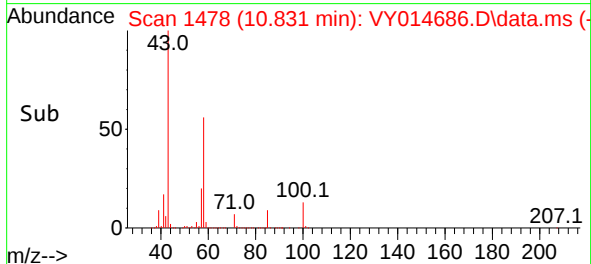
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



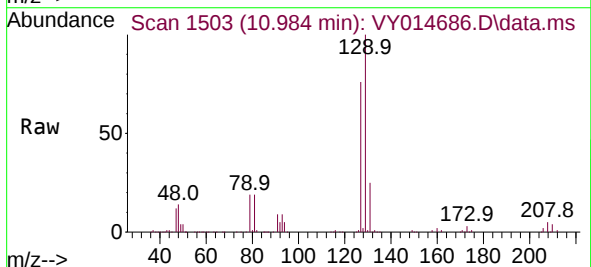
Tgt Ion: 43 Resp: 612449
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3

Manual Integrations
APPROVED

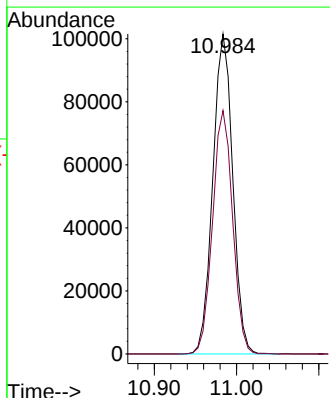
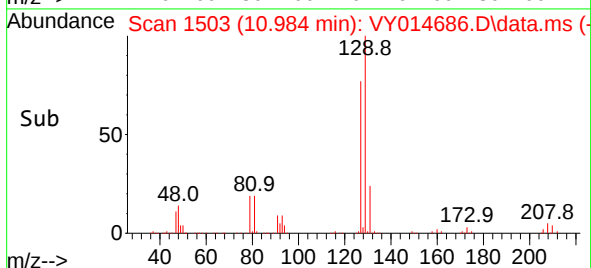
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

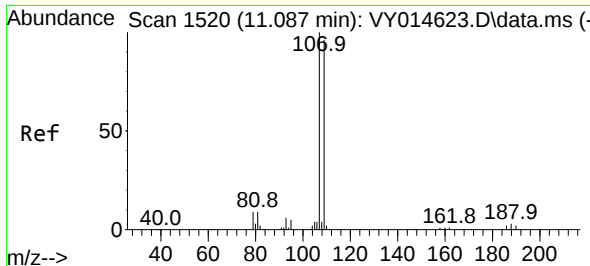


#60
Dibromochloromethane
Concen: 60.134 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



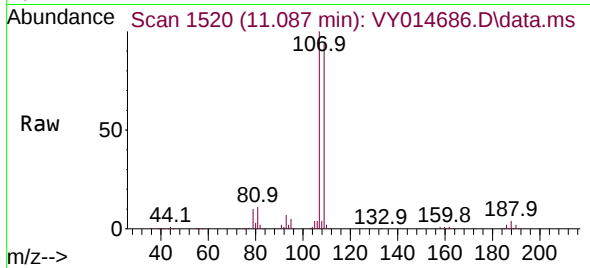
Tgt Ion:129 Resp: 170826
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 60.399 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

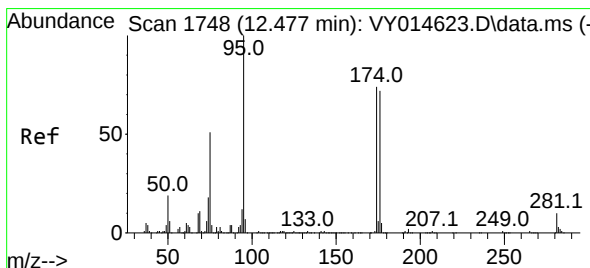
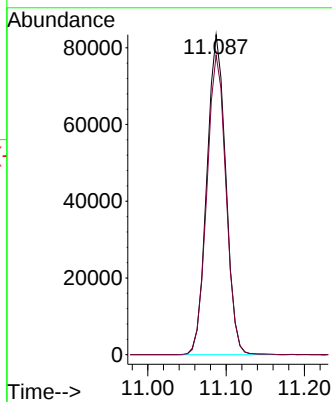
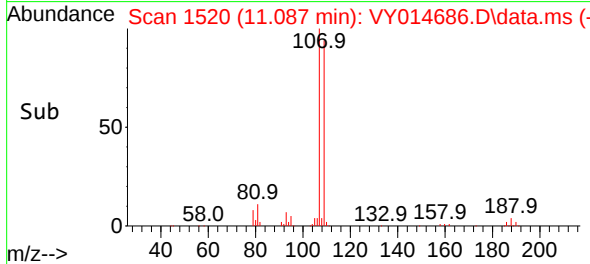
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



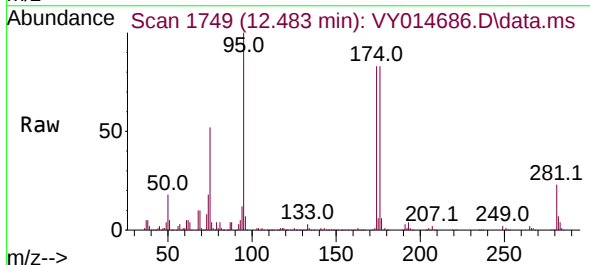
Tgt Ion:107 Resp: 139600
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4

Manual Integrations
APPROVED

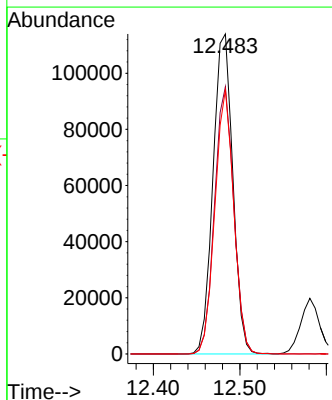
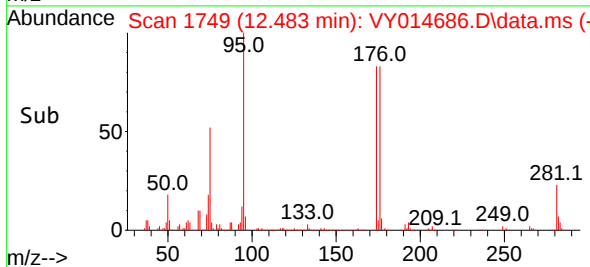
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

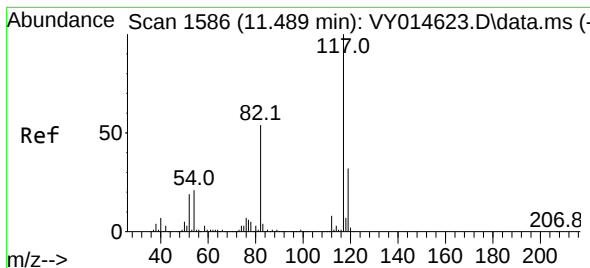


#62
4-Bromofluorobenzene
Concen: 51.946 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



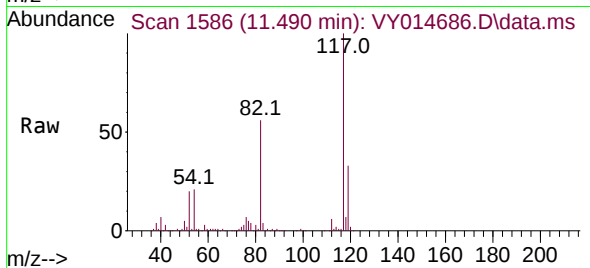
Tgt Ion: 95 Resp: 181290
Ion Ratio Lower Upper
95 100
174 81.1 0.0 178.2
176 78.8 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

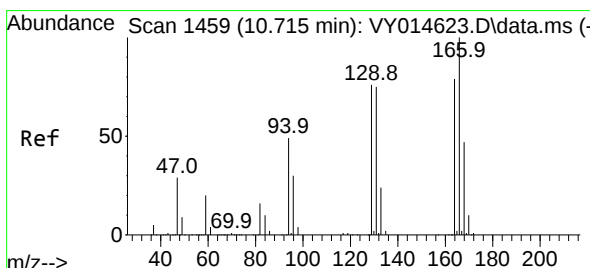
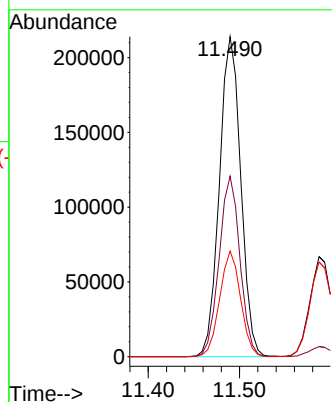
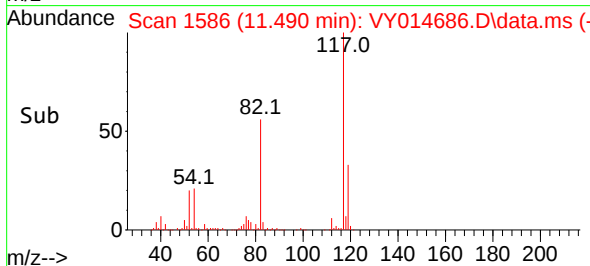
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 34801
Ion Ratio Lower Upper
117 100
82 56.4 43.4 65.0
119 33.0 26.3 39.5

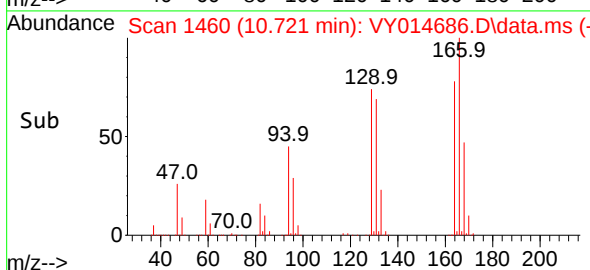
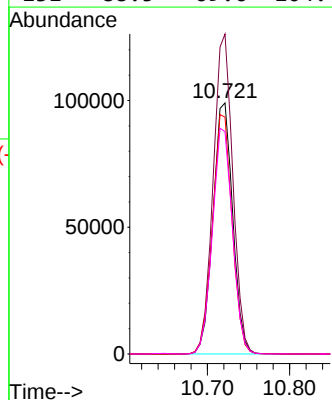
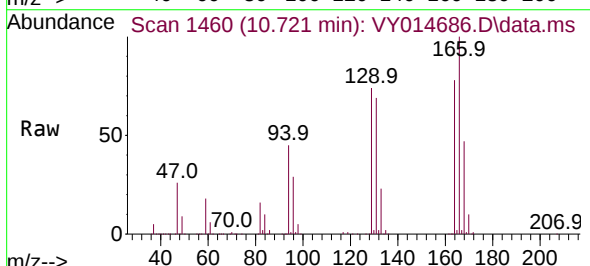
Manual Integrations
APPROVED

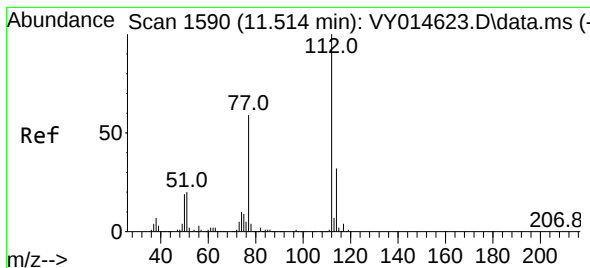
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#64
Tetrachloroethene
Concen: 59.033 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

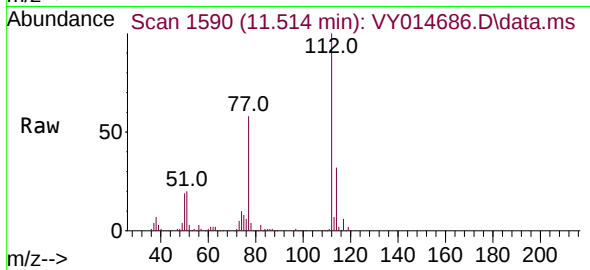
Tgt Ion:164 Resp: 165228
Ion Ratio Lower Upper
164 100
166 127.5 103.0 154.6
129 94.4 77.2 115.8
131 88.5 69.6 104.4





#65
Chlorobenzene
Concen: 55.612 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

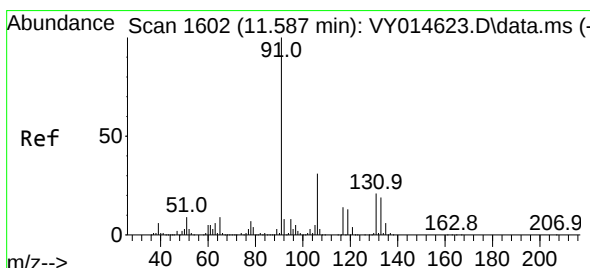
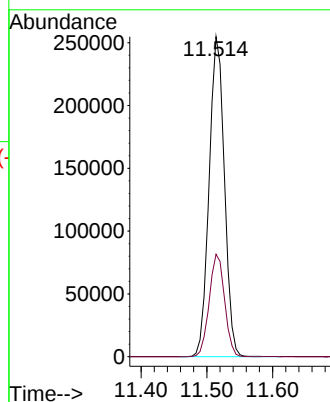
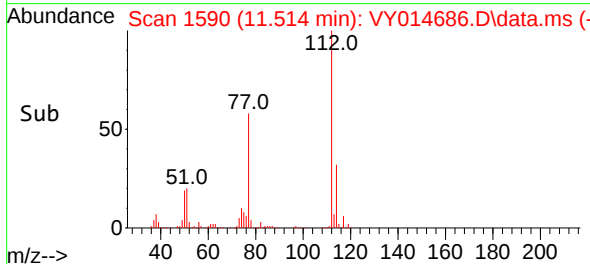
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



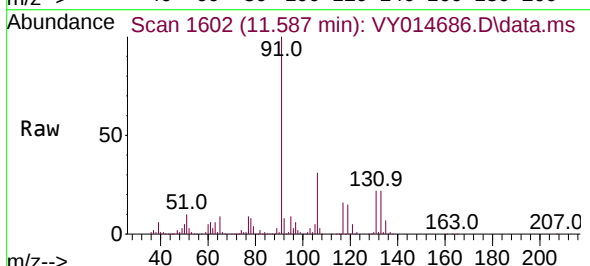
Tgt Ion:112 Resp: 41242
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3

Manual Integrations
APPROVED

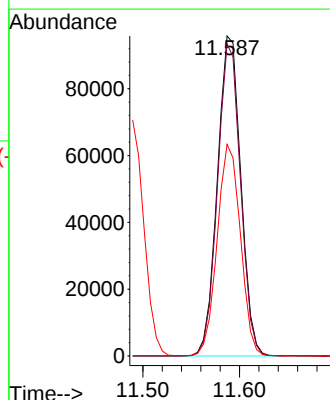
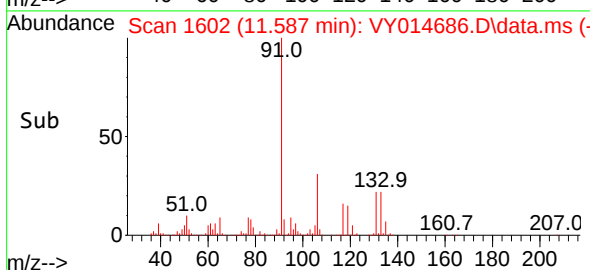
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

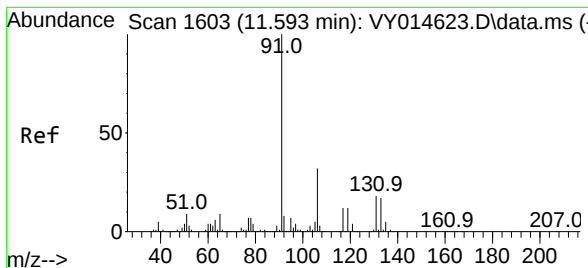


#66
1,1,1,2-Tetrachloroethane
Concen: 57.640 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



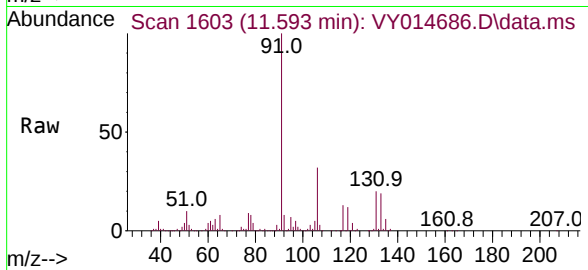
Tgt Ion:131 Resp: 161171
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 65.7 31.6 94.7





#67
Ethyl Benzene
Concen: 54.775 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

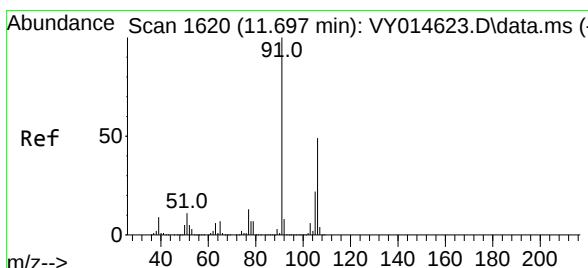
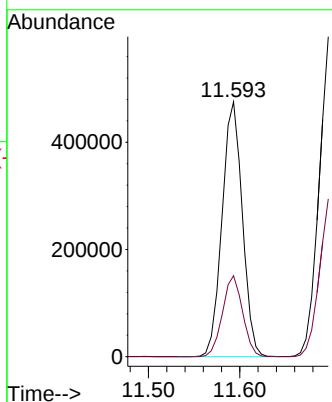
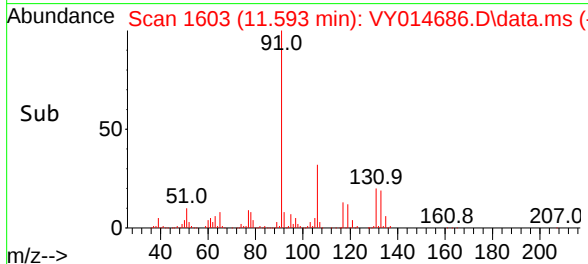
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



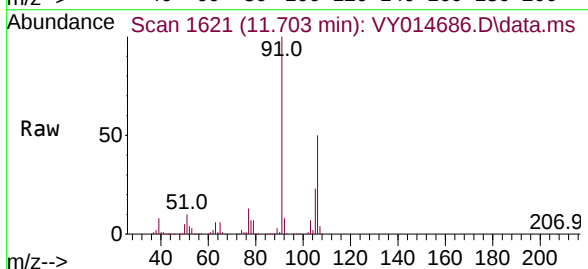
Tgt Ion: 91 Resp: 733410
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

Manual Integrations
APPROVED

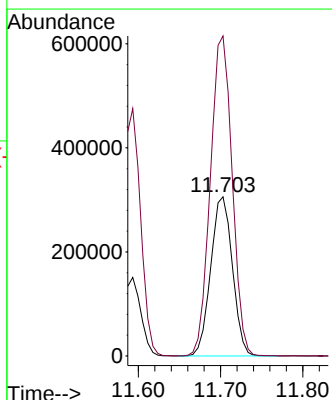
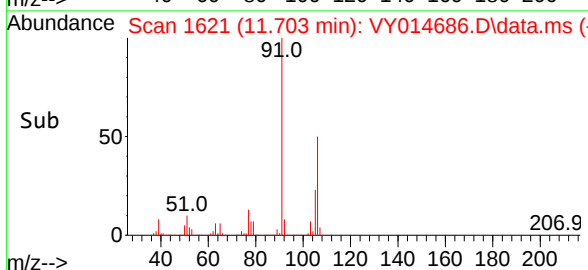
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

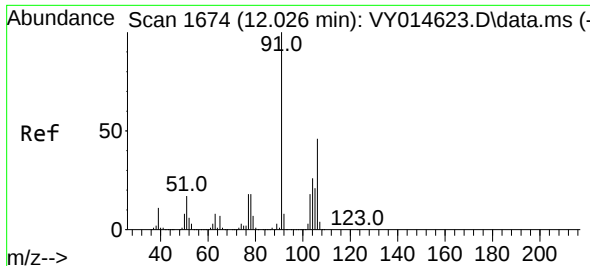


#68
m/p-Xylenes
Concen: 109.556 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



Tgt Ion:106 Resp: 559960
Ion Ratio Lower Upper
106 100
91 202.5 166.1 249.1





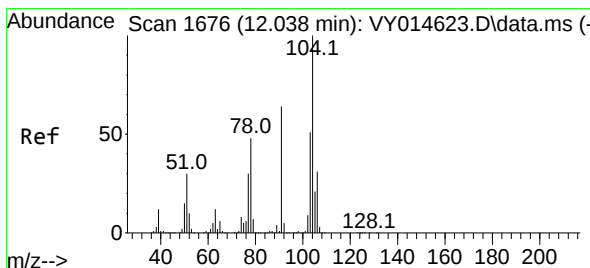
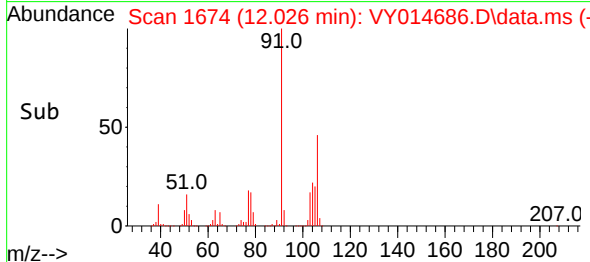
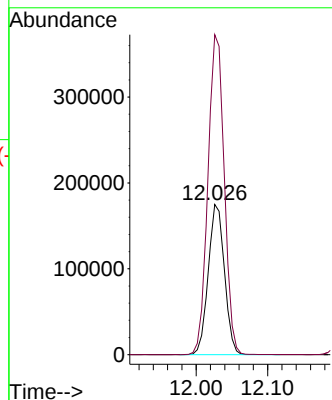
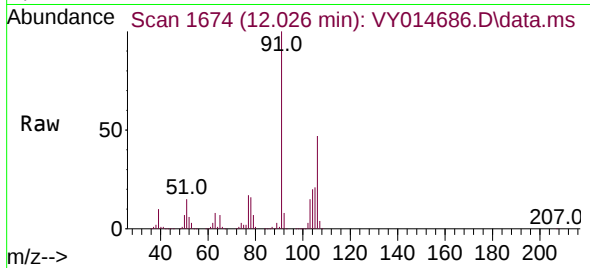
#69
o-Xylene
Concen: 55.339 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 275490
Ion Ratio Lower Upper
106 100
91 215.0 108.1 324.3

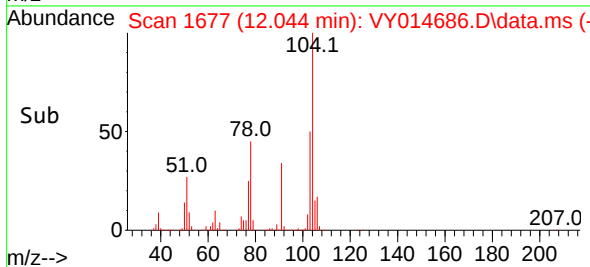
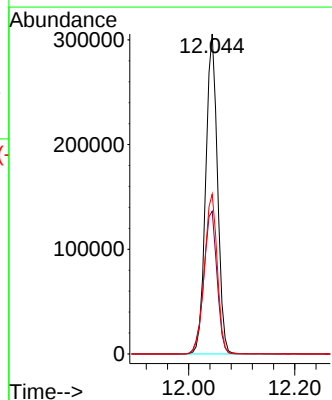
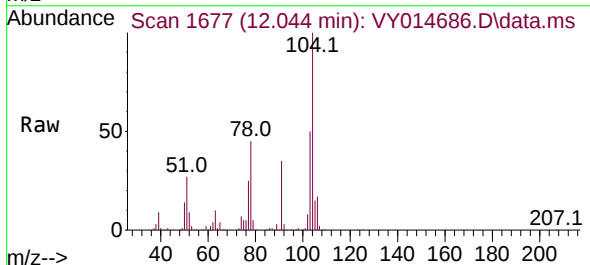
Manual Integrations
APPROVED

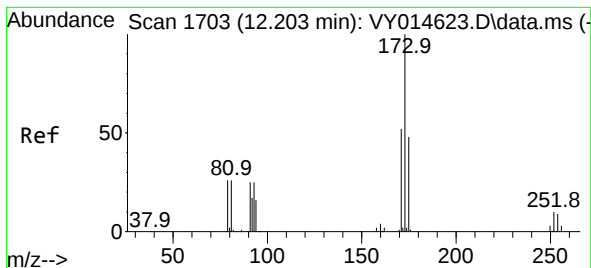
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#70
Styrene
Concen: 56.014 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion:104 Resp: 469988
Ion Ratio Lower Upper
104 100
78 50.1 41.5 62.3
103 54.6 44.6 67.0





#71

Bromoform

Concen: 61.383 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

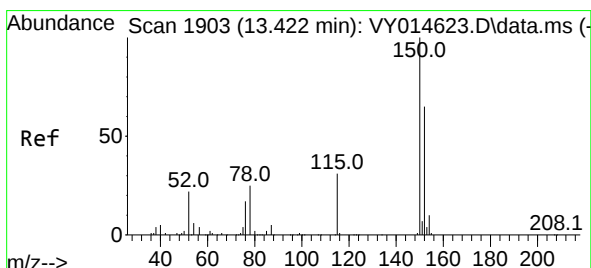
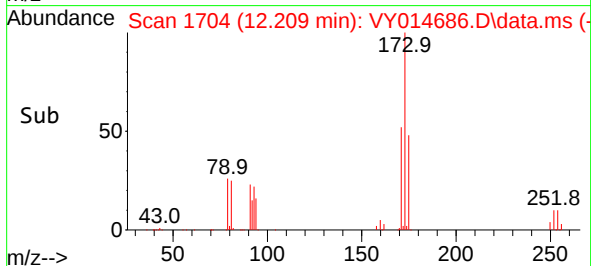
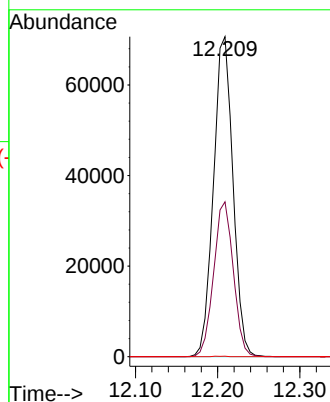
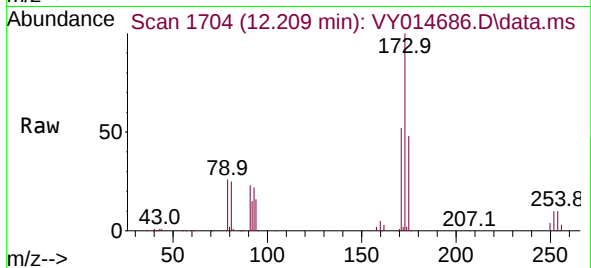
Tgt Ion:173 Resp: 116340
 Ion Ratio Lower Upper
 173 100
 175 48.7 24.6 73.8
 254 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

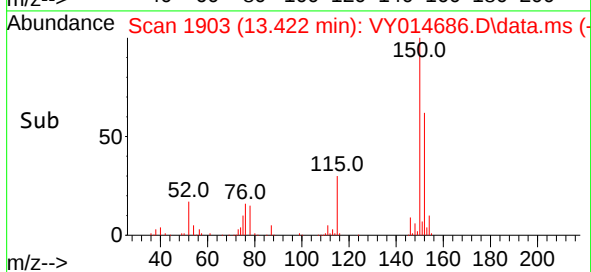
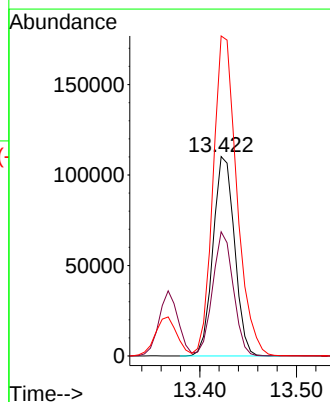
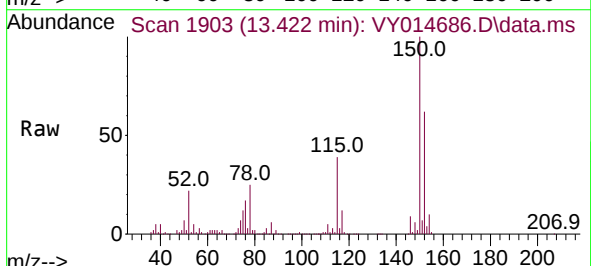
RT: 13.422 min Scan# 1903

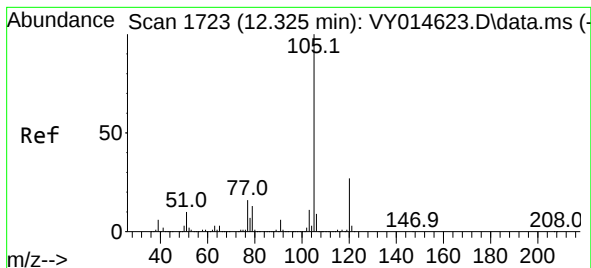
Delta R.T. 0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Tgt Ion:152 Resp: 170045
 Ion Ratio Lower Upper
 152 100
 115 60.0 28.8 86.5
 150 177.9 0.0 348.8





#73

Isopropylbenzene

Concen: 54.187 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 721474

Ion Ratio Lower Upper

105 100

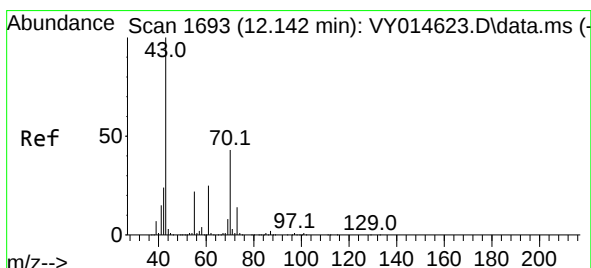
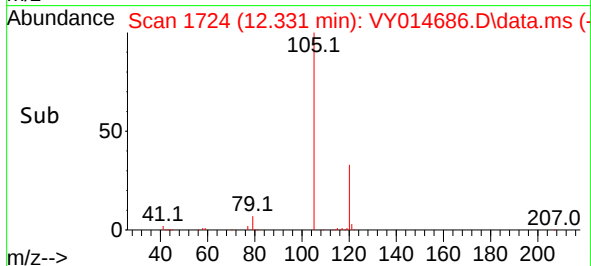
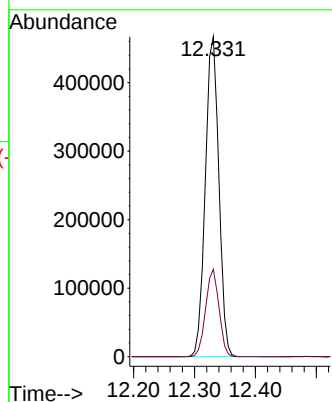
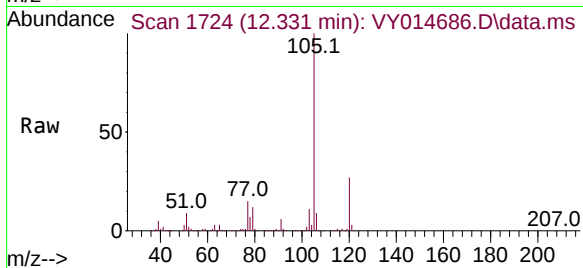
120 26.9 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#74

N-amy1 acetate

Concen: 58.752 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Tgt Ion: 43 Resp: 261994

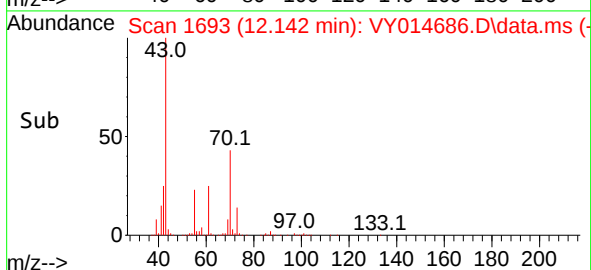
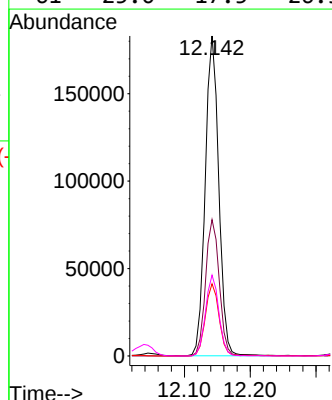
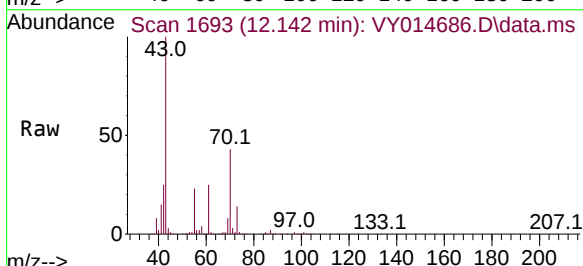
Ion Ratio Lower Upper

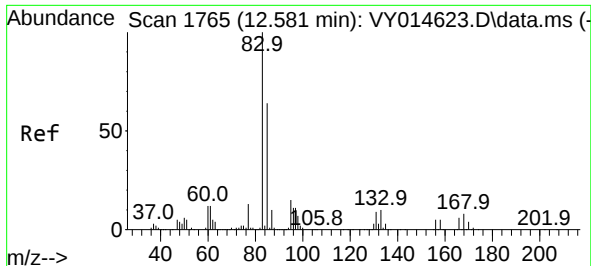
43 100

70 43.2 29.7 44.5

55 22.9 18.3 27.5

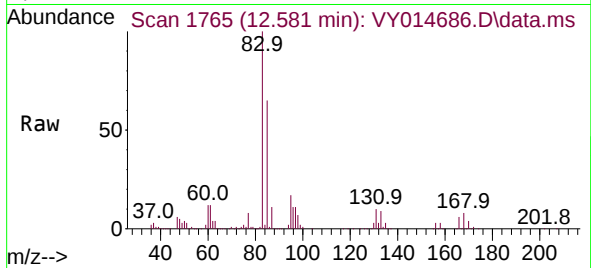
61 25.0 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 60.512 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

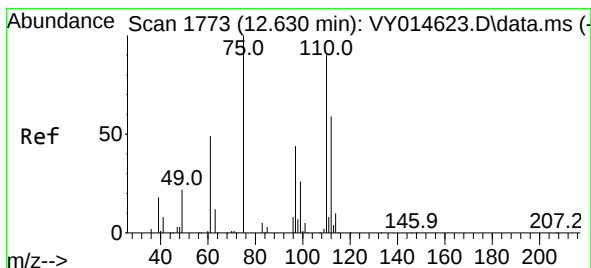
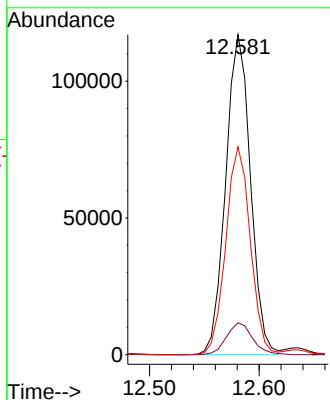
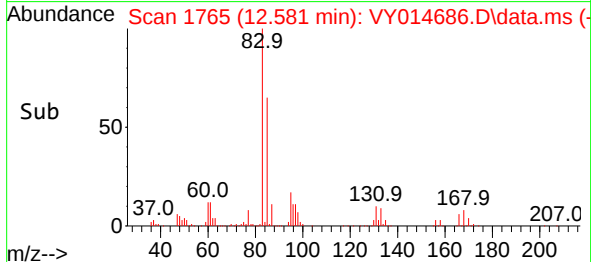
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



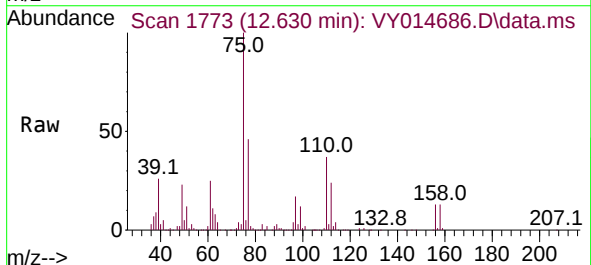
Tgt Ion: 83 Resp: 18373
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 64.3 31.8 95.4

Manual Integrations
APPROVED

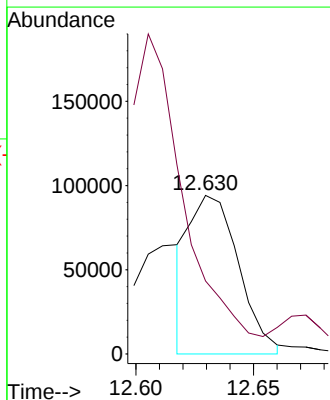
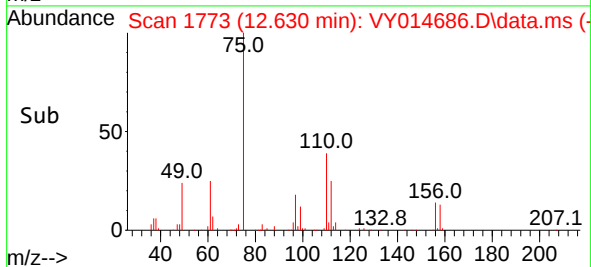
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

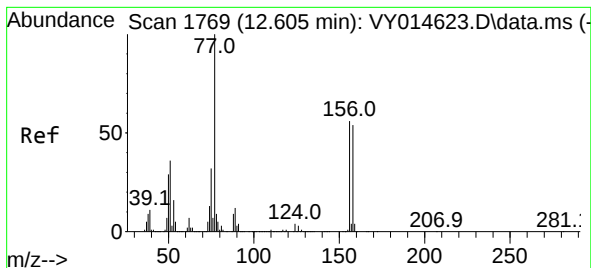


#76
1,2,3-Trichloropropane
Concen: 63.939 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



Tgt Ion: 75 Resp: 137317
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 57.311 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

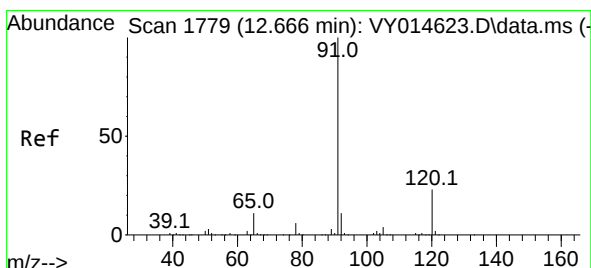
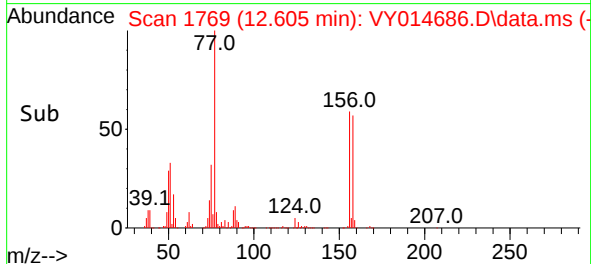
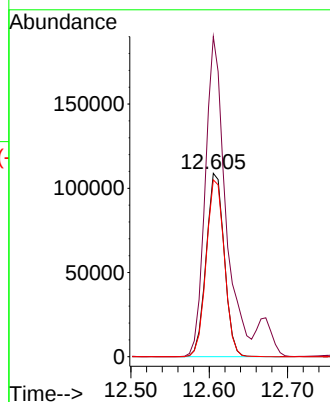
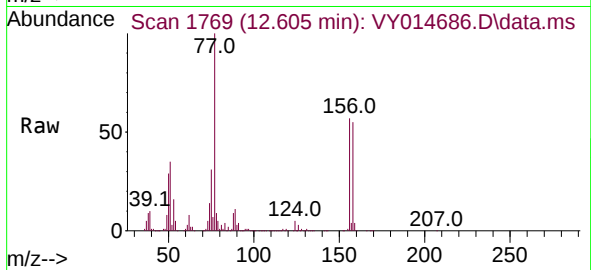
Tgt Ion:	156	Resp:	17418
Ion Ratio	Lower	Upper	
156	100		
77	196.4	92.8	278.6
158	97.0	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#78

n-propylbenzene

Concen: 53.453 ug/l

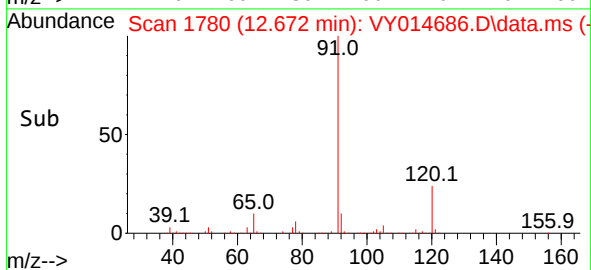
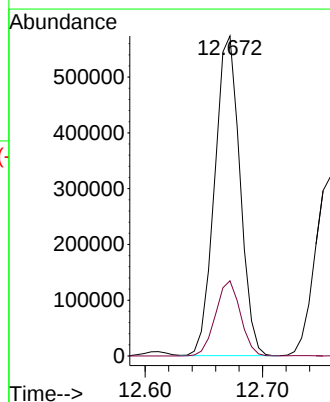
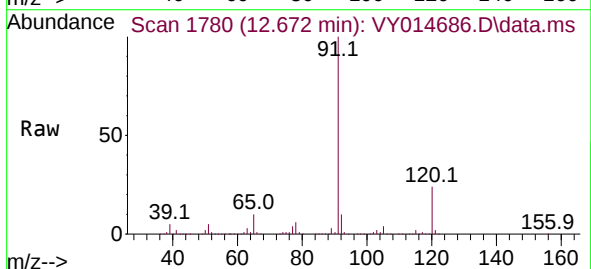
RT: 12.672 min Scan# 1780

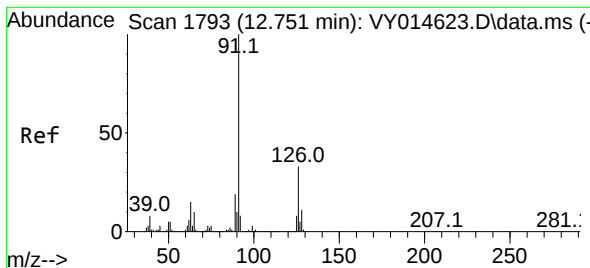
Delta R.T. 0.006 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

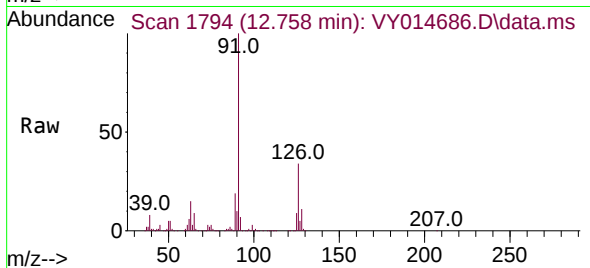
Tgt Ion:	91	Resp:	857607
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





#79
2-Chlorotoluene
Concen: 53.921 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

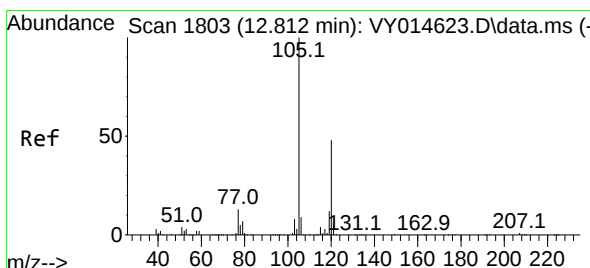
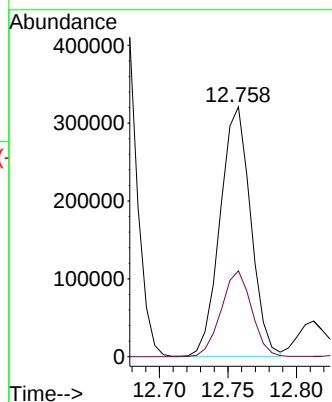
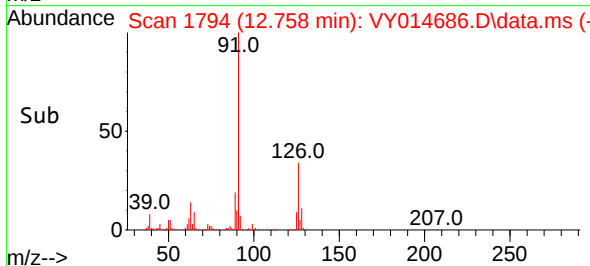
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



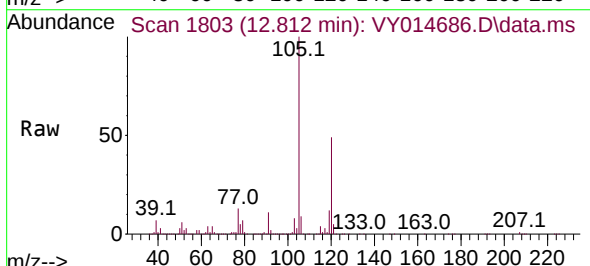
Tgt Ion: 91 Resp: 498294
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7

Manual Integrations
APPROVED

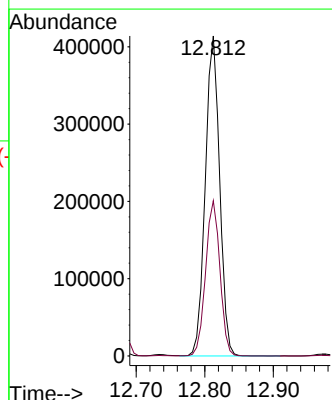
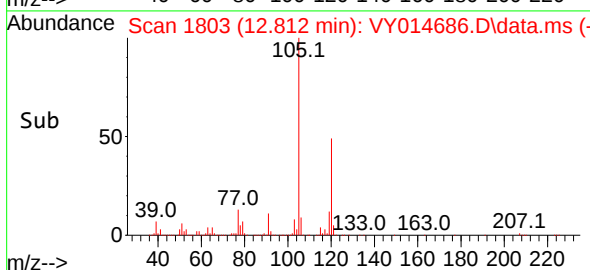
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

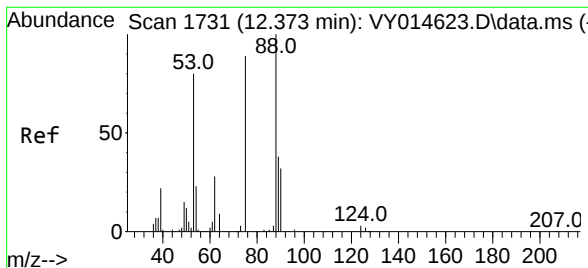


#80
1,3,5-Trimethylbenzene
Concen: 54.374 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



Tgt Ion:105 Resp: 604613
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7





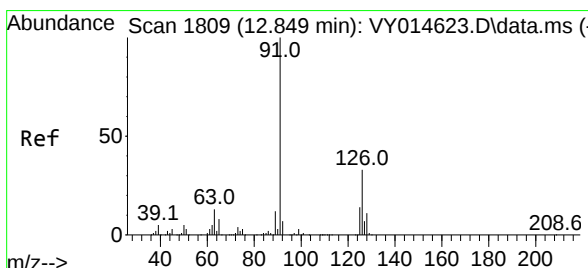
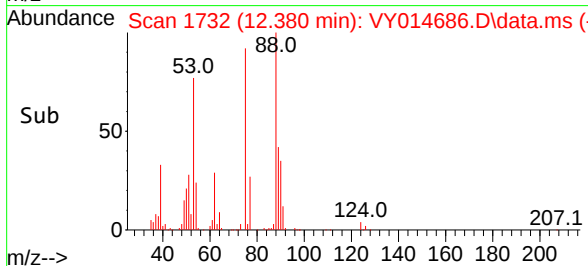
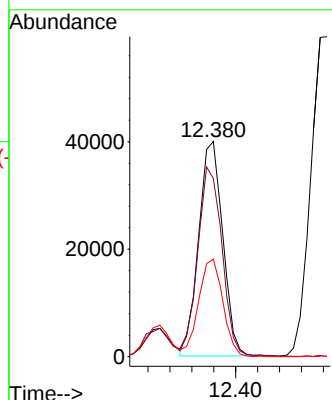
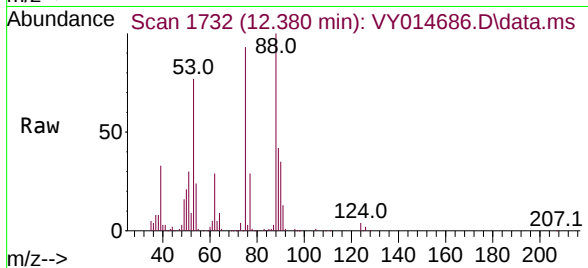
#81
trans-1,4-Dichloro-2-butene
Concen: 55.006 ug/l
RT: 12.380 min Scan# 1110
Delta R.T. 0.007 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 6101
Ion Ratio Lower Upper
75 100
53 88.2 77.8 116.8
89 46.0 37.4 56.0

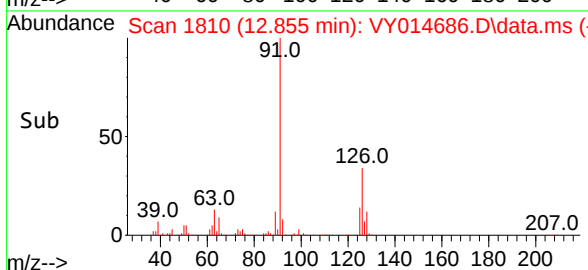
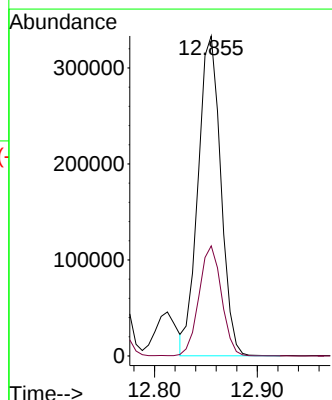
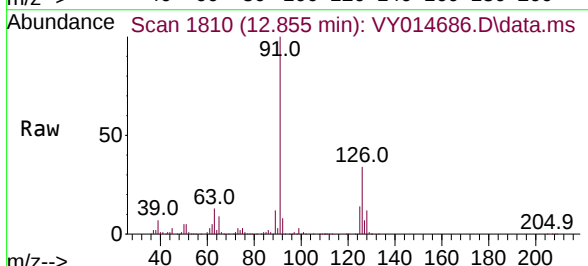
Manual Integrations
APPROVED

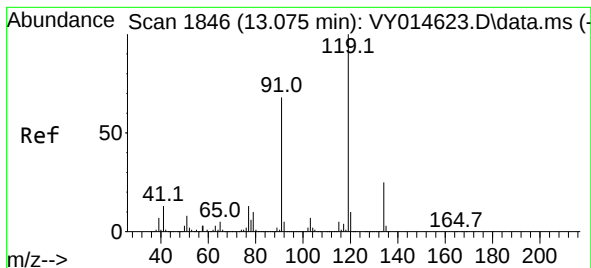
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#82
4-Chlorotoluene
Concen: 53.819 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 91 Resp: 512218
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6





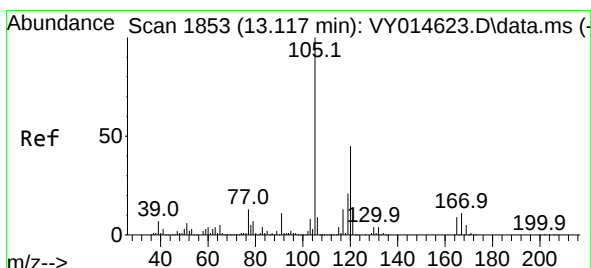
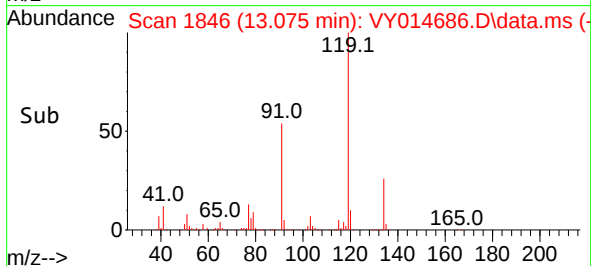
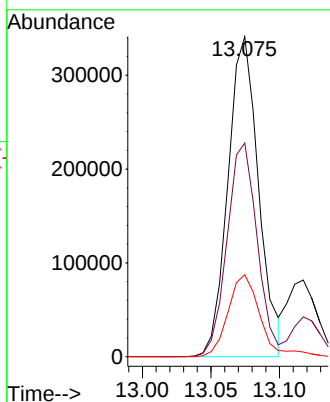
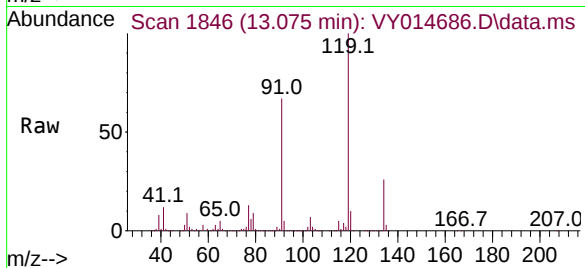
#83
tert-Butylbenzene
Concen: 53.871 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 53137
Ion Ratio Lower Upper
119 100
91 65.5 32.9 98.6
134 26.9 13.0 38.9

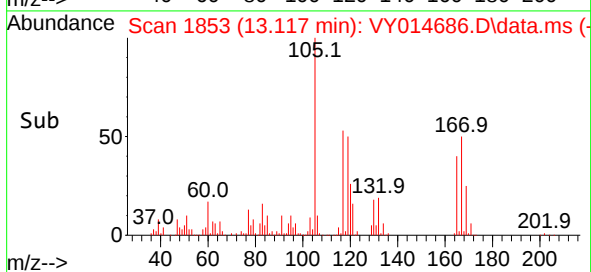
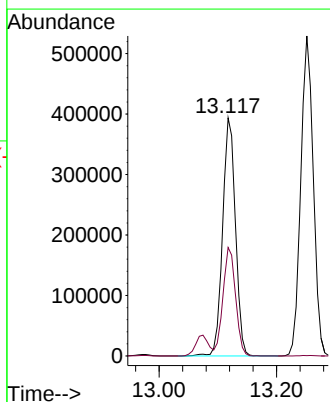
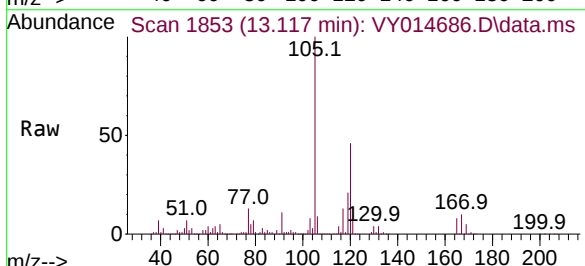
Manual Integrations
APPROVED

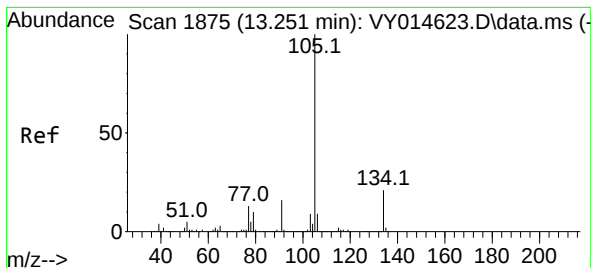
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 54.694 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion:105 Resp: 596851
Ion Ratio Lower Upper
105 100
120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 53.866 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 77942

Ion Ratio Lower Upper

105 100

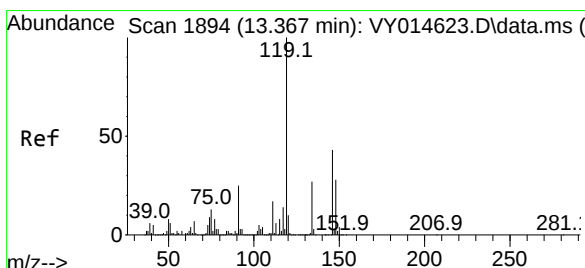
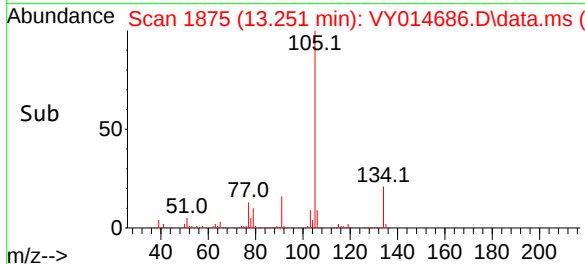
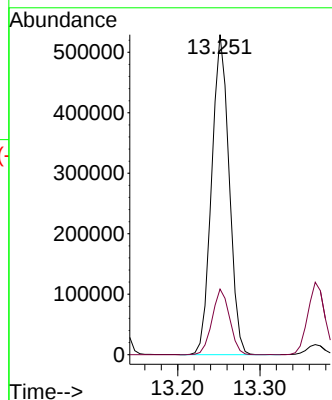
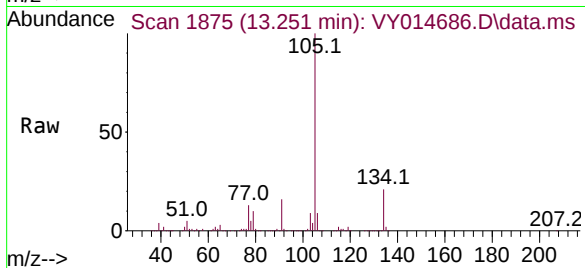
134 20.5 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#86

p-Isopropyltoluene

Concen: 54.866 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

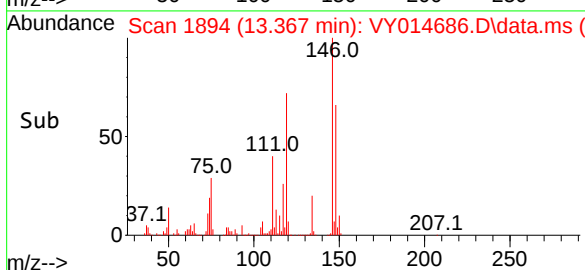
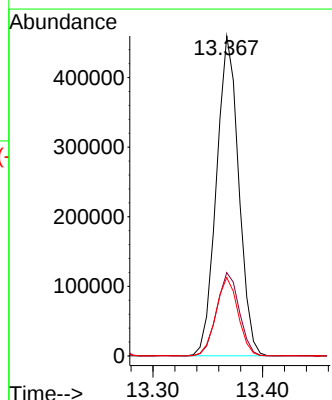
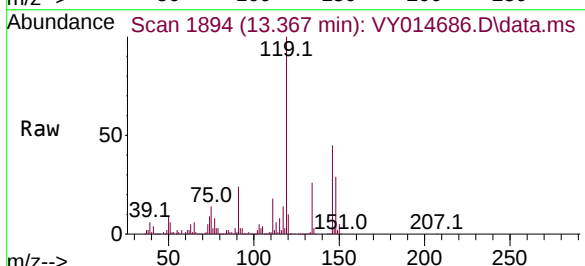
Tgt Ion:119 Resp: 648190

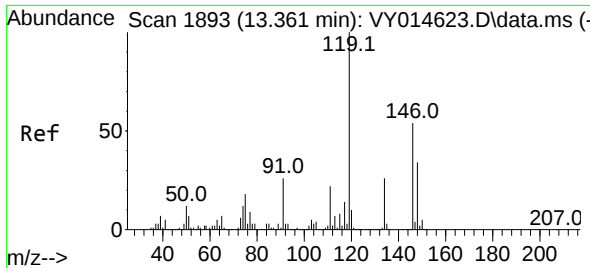
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

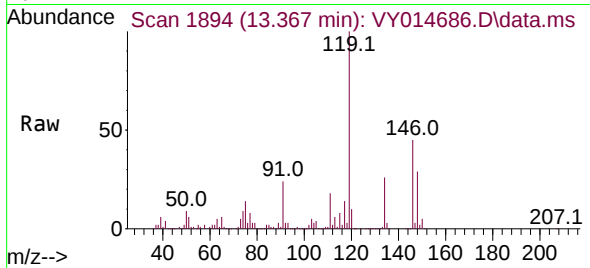
91 24.3 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 55.791 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

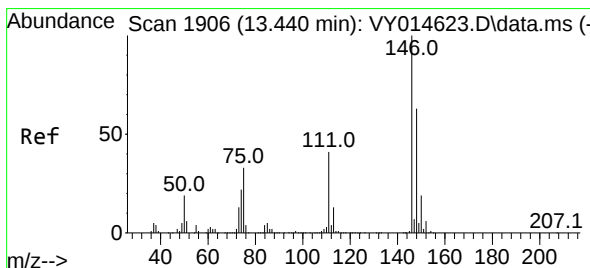
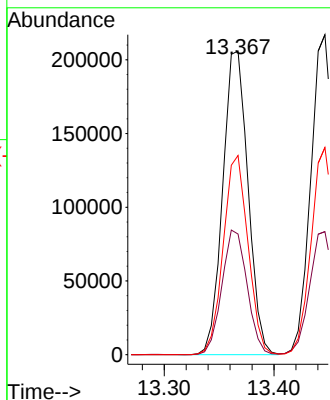
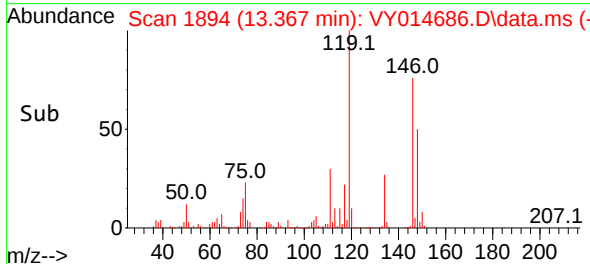
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



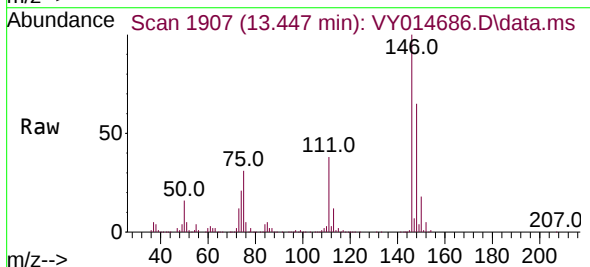
Tgt Ion:146 Resp: 33001
Ion Ratio Lower Upper
146 100
111 41.0 19.4 58.2
148 64.3 31.9 95.5

Manual Integrations
APPROVED

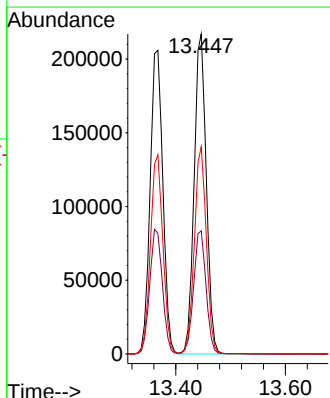
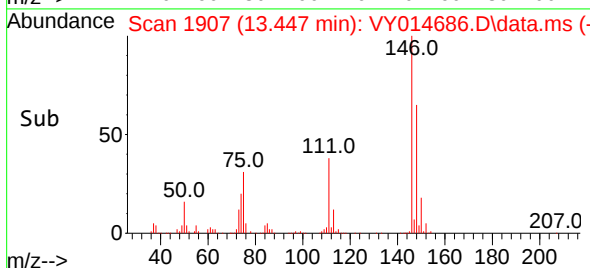
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

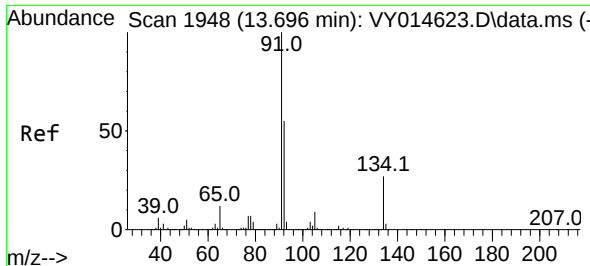


#88
1,4-Dichlorobenzene
Concen: 56.534 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.007 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37



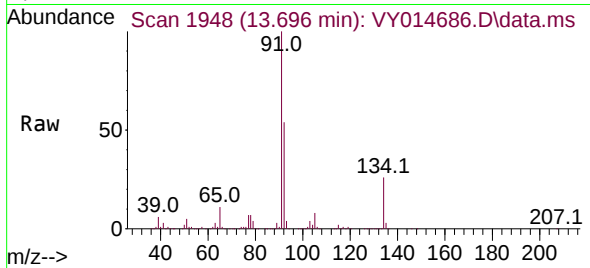
Tgt Ion:146 Resp: 335105
Ion Ratio Lower Upper
146 100
111 39.3 18.9 56.7
148 64.0 32.1 96.5





#89
n-Butylbenzene
Concen: 52.860 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

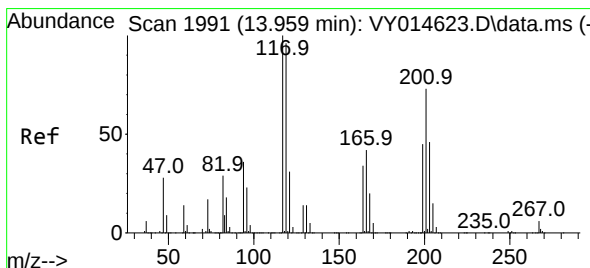
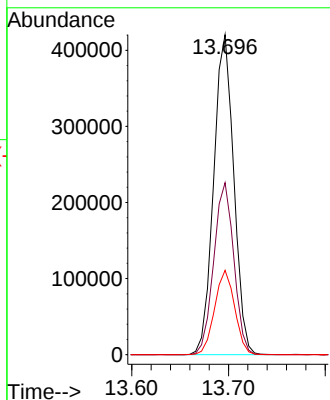
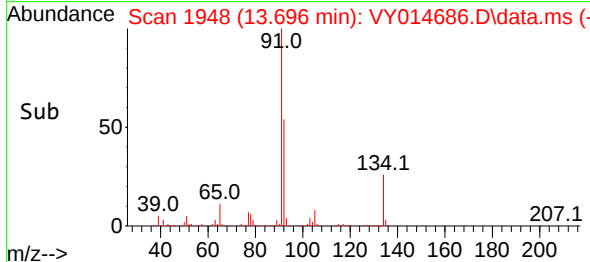
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 60756
Ion Ratio Lower Upper
91 100
92 53.7 25.4 76.0
134 26.3 12.6 37.6

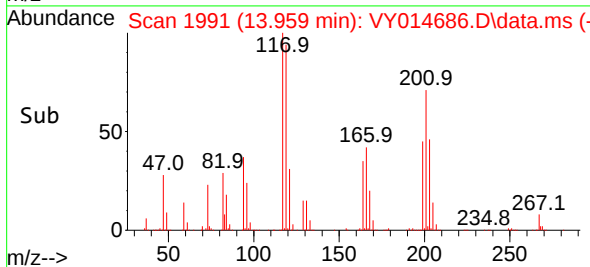
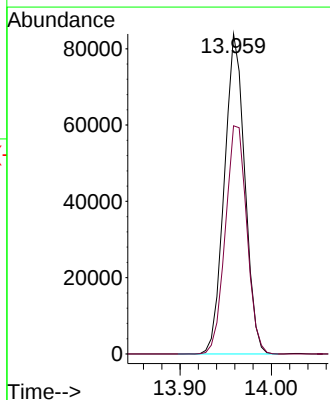
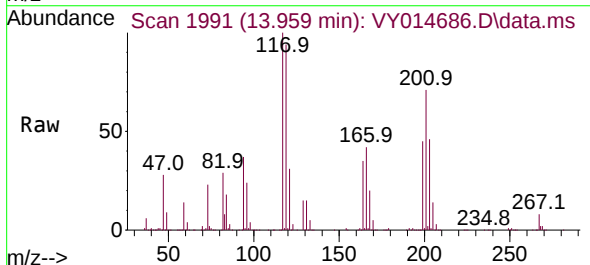
Manual Integrations
APPROVED

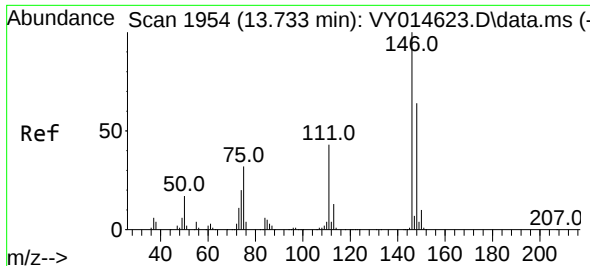
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#90
Hexachloroethane
Concen: 53.815 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion:117 Resp: 130587
Ion Ratio Lower Upper
117 100
201 74.8 41.6 124.8





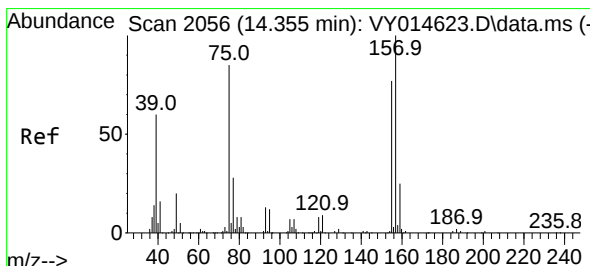
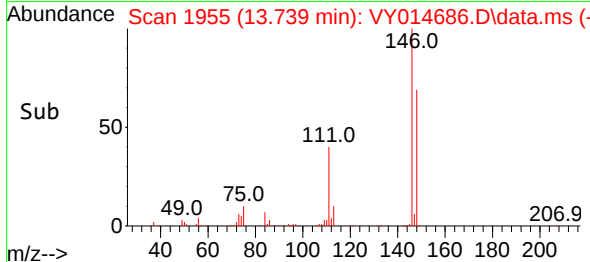
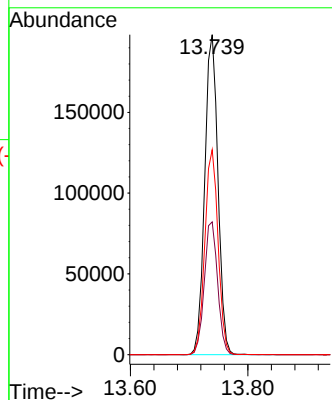
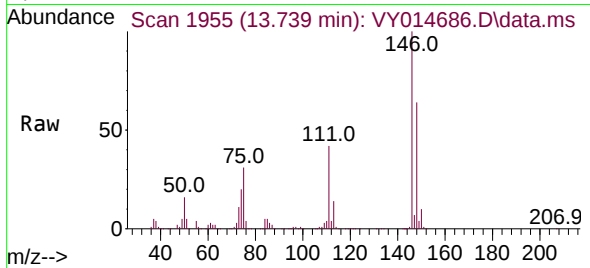
#91
1,2-Dichlorobenzene
Concen: 57.107 ug/l
RT: 13.739 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 309489
Ion Ratio Lower Upper
146 100
111 41.9 19.7 59.0
148 64.2 32.0 96.2

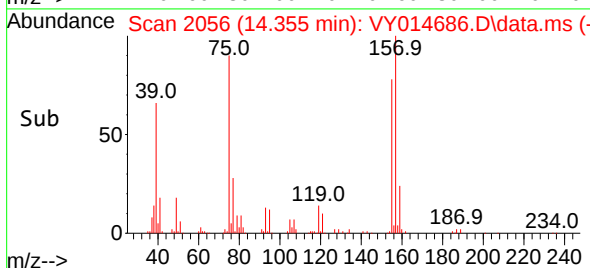
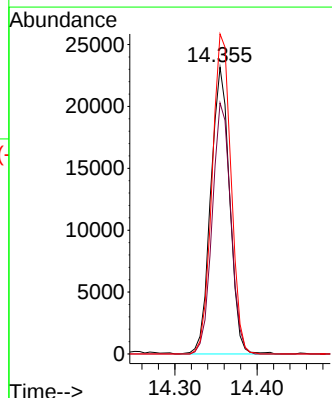
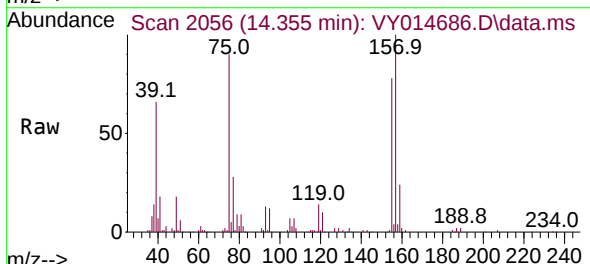
Manual Integrations
APPROVED

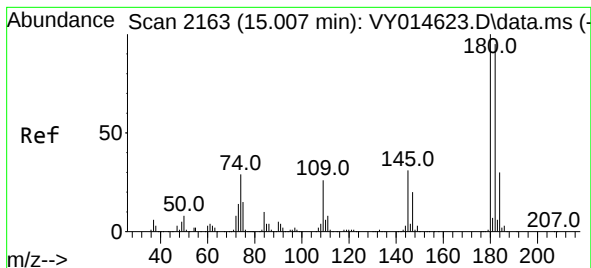
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 63.631 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014686.D
Acq: 17 Jul 2023 20:37

Tgt Ion: 75 Resp: 36948
Ion Ratio Lower Upper
75 100
155 85.8 41.5 124.6
157 111.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 55.574 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014686.D

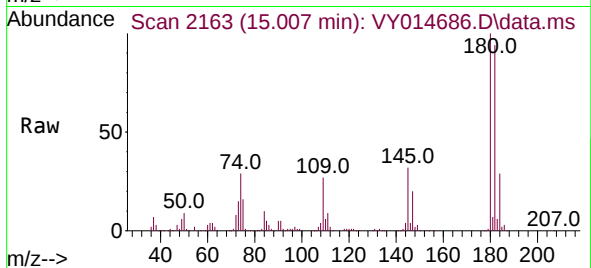
Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 191190

Ion Ratio Lower Upper

180 100

182 93.3 47.0 141.2

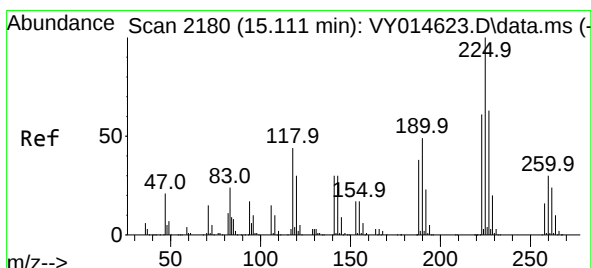
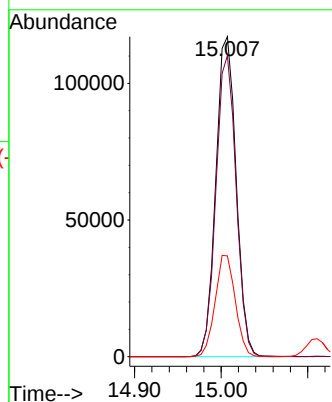
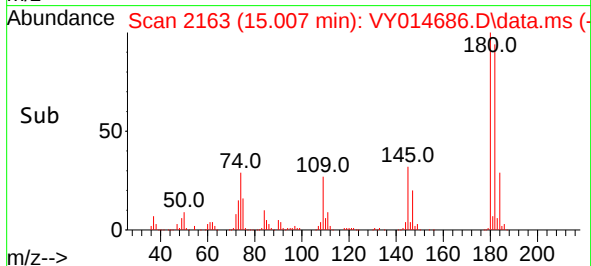
145 31.4 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#94

Hexachlorobutadiene

Concen: 52.691 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

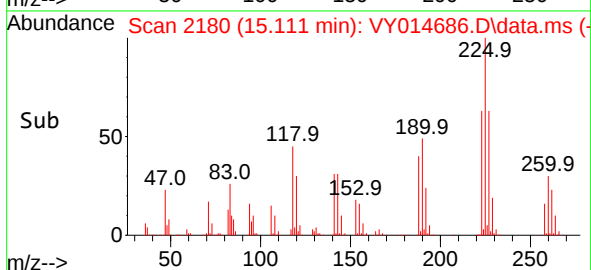
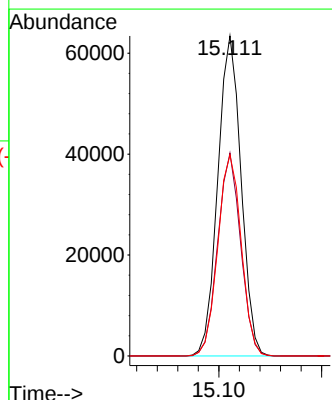
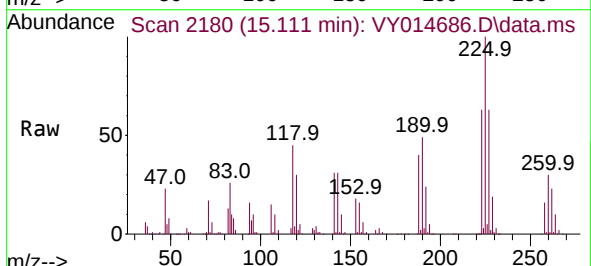
Tgt Ion:225 Resp: 99615

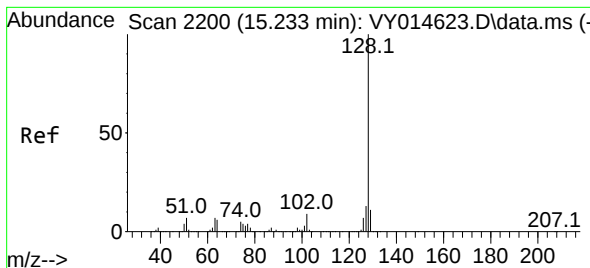
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 63.3 33.0 98.9





#95

Naphthalene

Concen: 60.995 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 488870

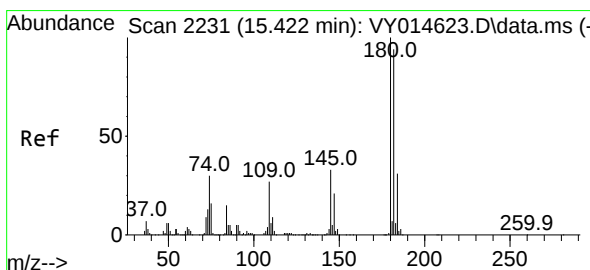
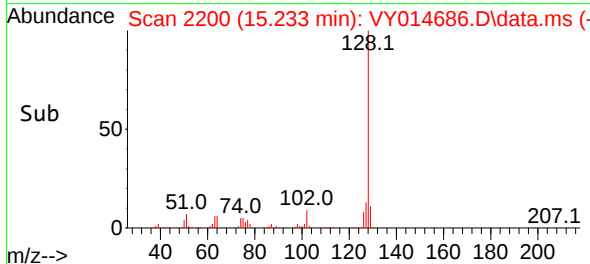
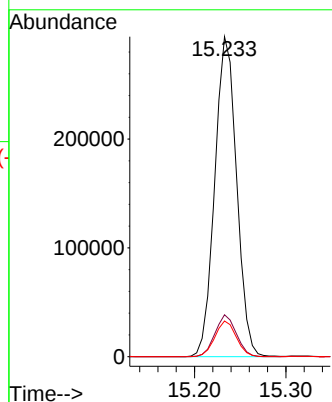
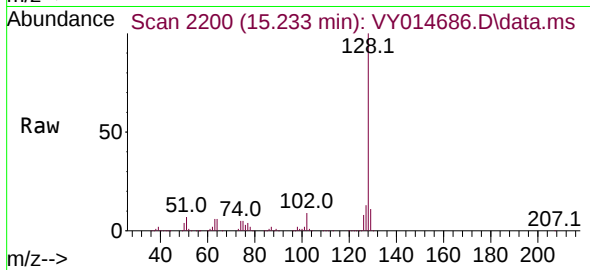
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.8	16.2
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 56.211 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014686.D

Acq: 17 Jul 2023 20:37

Tgt Ion:180 Resp: 171866

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.3	141.8
145	33.5	15.4	46.2

