

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008698.D
 Acq On : 11 May 2022 11:45
 Operator : KP/MD
 Sample : VY0511SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

Quant Time: May 11 13:20:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	194209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	312638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97776	58.756	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.520%			
35) Dibromofluoromethane	7.716	113	106323	55.187	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.380%			
50) Toluene-d8	10.179	98	373411	55.000	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.000%			
62) 4-Bromofluorobenzene	12.483	95	133341	54.590	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	18991	18.709	ug/l	98
3) Chloromethane	2.113	50	27675	22.146	ug/l	98
4) Vinyl Chloride	2.259	62	39887	25.141	ug/l	97
5) Bromomethane	2.656	94	30120	23.623	ug/l	96
6) Chloroethane	2.796	64	25171	23.123	ug/l	98
7) Trichlorofluoromethane	3.119	101	44138	22.992	ug/l	99
8) Diethyl Ether	3.527	74	27317	22.493	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	43717	22.255	ug/l	95
10) Methyl Iodide	4.088	142	74295	22.789	ug/l #	86
11) Tert butyl alcohol	4.948	59	20520	137.466	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	45081	22.175	ug/l #	74
13) Acrolein	3.729	56	23485	142.916	ug/l	98
14) Allyl chloride	4.472	41	54372	20.674	ug/l #	87
15) Acrylonitrile	5.155	53	67829	124.635	ug/l	97
16) Acetone	3.942	43	48061	122.417	ug/l	91
17) Carbon Disulfide	4.192	76	122475	22.715	ug/l	97
18) Methyl Acetate	4.466	43	33903	28.437	ug/l #	83
19) Methyl tert-butyl Ether	5.216	73	87447	23.334	ug/l	94
20) Methylene Chloride	4.710	84	60208	25.253	ug/l #	77
21) trans-1,2-Dichloroethene	5.216	96	50934	22.291	ug/l #	81
22) Diisopropyl ether	6.112	45	132953	23.354	ug/l #	92
23) Vinyl Acetate	6.058	43	438386	121.908	ug/l #	89
24) 1,1-Dichloroethane	6.015	63	80575	22.043	ug/l	98
25) 2-Butanone	6.984	43	81299	125.974	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	56268	23.026	ug/l	90
27) cis-1,2-Dichloroethene	6.978	96	56928	22.039	ug/l	79
28) Bromochloromethane	7.326	49	31144	24.025	ug/l #	67
29) Tetrahydrofuran	7.344	42	55403	128.452	ug/l #	80
30) Chloroform	7.502	83	85635	22.152	ug/l	100
31) Cyclohexane	7.783	56	72626	22.062	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	71260	22.493	ug/l	94
36) 1,1-Dichloropropene	7.917	75	66597	21.514	ug/l	96
37) Ethyl Acetate	7.070	43	38074	24.737	ug/l #	92
38) Carbon Tetrachloride	7.899	117	68325	21.823	ug/l	95
39) Methylcyclohexane	9.185	83	84522	21.112	ug/l #	84
40) Benzene	8.161	78	196319	21.829	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	20041m	24.014	ug/l	
42) 1,2-Dichloroethane	8.234	62	53755	23.057	ug/l	86
43) Isopropyl Acetate	8.271	43	66876	23.918	ug/l #	86
44) Trichloroethene	8.935	130	56512	21.531	ug/l	92
45) 1,2-Dichloropropane	9.216	63	48540	22.121	ug/l	92
46) Dibromomethane	9.307	93	30399	22.135	ug/l	92
47) Bromodichloromethane	9.496	83	67408	21.981	ug/l	98
48) Methyl methacrylate	9.289	41	29513	24.248	ug/l #	75
49) 1,4-Dioxane	9.295	88	7675	462.135	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	183008	125.146	ug/l #	84
52) Toluene	10.240	92	127361	21.752	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	72996	22.150	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	83108	22.099	ug/l #	77
55) 1,1,2-Trichloroethane	10.642	97	44541	22.742	ug/l	98
56) Ethyl methacrylate	10.508	69	57891	23.358	ug/l #	71
57) 1,3-Dichloropropane	10.788	76	73555	22.960	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	139864	113.973	ug/l	93
59) 2-Hexanone	10.831	43	126558	126.360	ug/l	80
60) Dibromochloromethane	10.983	129	54478	22.906	ug/l	100
61) 1,2-Dibromoethane	11.087	107	44715	23.168	ug/l	100
64) Tetrachloroethene	10.721	164	47629	20.597	ug/l	98
65) Chlorobenzene	11.514	112	141541	21.326	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	52688	21.377	ug/l	97
67) Ethyl Benzene	11.593	91	238590	20.919	ug/l	96
68) m/p-Xylenes	11.703	106	192038	42.083	ug/l	91
69) o-Xylene	12.032	106	91579	21.154	ug/l	89
70) Styrene	12.044	104	153492	21.354	ug/l	94
71) Bromoform	12.209	173	35905	22.603	ug/l #	99
73) Isopropylbenzene	12.331	105	237168	19.843	ug/l	99
74) N-amyl acetate	12.142	43	60503	22.545	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	56630	22.636	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	39147m	22.198	ug/l	
77) Bromobenzene	12.611	156	60759	20.317	ug/l	89
78) n-propylbenzene	12.672	91	287794	20.252	ug/l	96
79) 2-Chlorotoluene	12.758	91	159393	20.275	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	194794	20.122	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	19158	21.613	ug/l #	80
82) 4-Chlorotoluene	12.855	91	164736	20.207	ug/l	94
83) tert-Butylbenzene	13.075	119	173375	19.964	ug/l	90
84) 1,2,4-Trimethylbenzene	13.117	105	199048	20.821	ug/l	97
85) sec-Butylbenzene	13.251	105	260467	20.293	ug/l	99
86) p-Isopropyltoluene	13.367	119	217774	20.418	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	119343	20.631	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	119712	20.871	ug/l	99
89) n-Butylbenzene	13.696	91	201607	20.654	ug/l	98
90) Hexachloroethane	13.965	117	42670	20.605	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	107825	21.015	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8190	22.119	ug/l	65
93) 1,2,4-Trichlorobenzene	15.007	180	68359	20.855	ug/l	100
94) Hexachlorobutadiene	15.111	225	36760	20.466	ug/l	95
95) Naphthalene	15.239	128	146667	21.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	61899	21.429	ug/l	99

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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

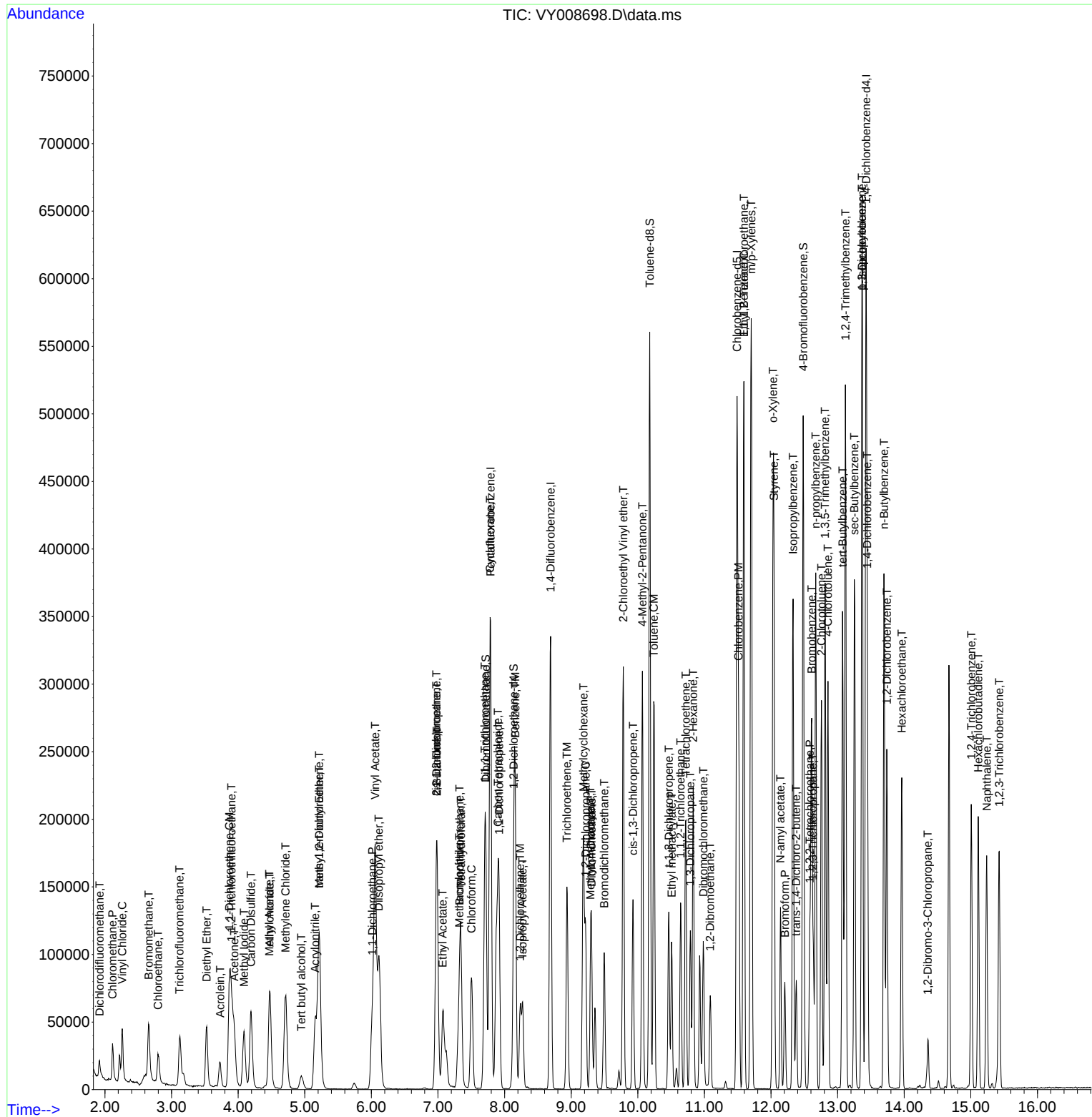
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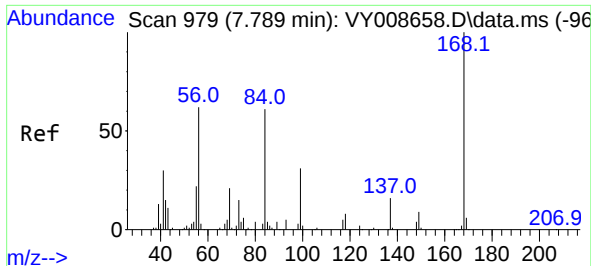
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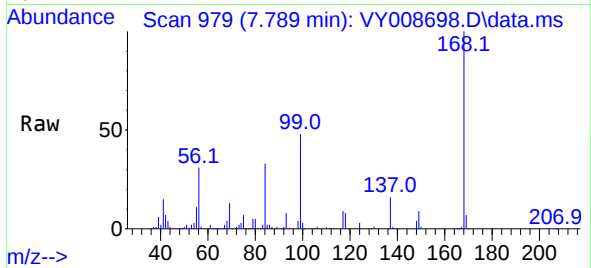
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008698.D
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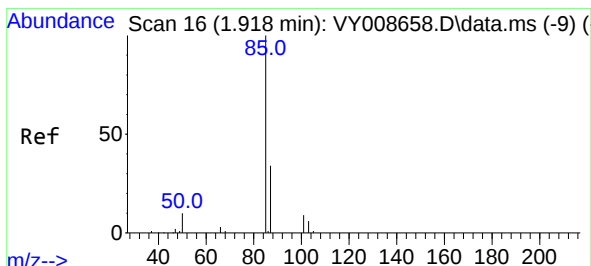
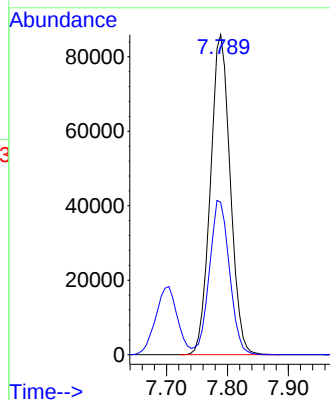
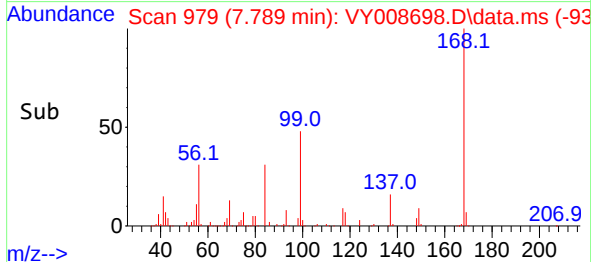
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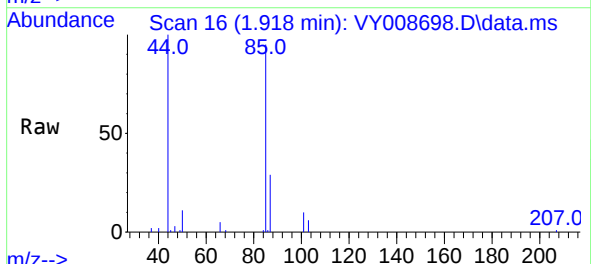
Tgt Ion:168 Resp: 194209
Ion Ratio Lower Upper
168 100
99 47.6 46.9 70.3

Manual Integrations
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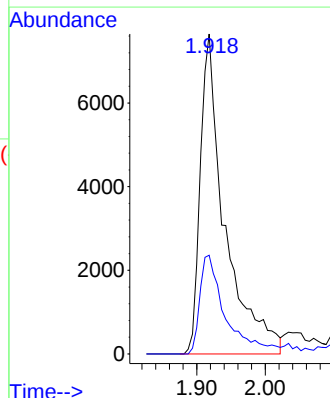
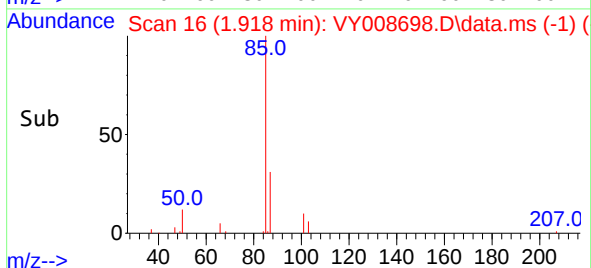
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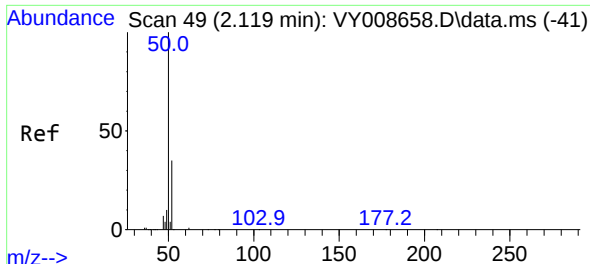


#2
Dichlorodifluoromethane
Concen: 18.709 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



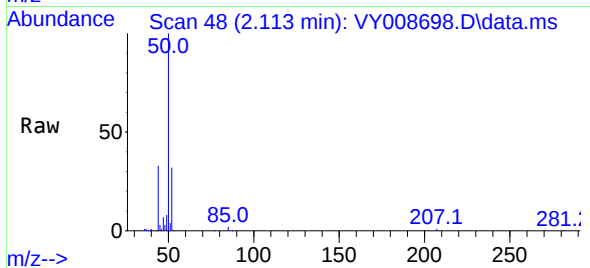
Tgt Ion: 85 Resp: 18991
Ion Ratio Lower Upper
85 100
87 30.9 16.1 48.2





#3
Chloromethane
Concen: 22.146 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

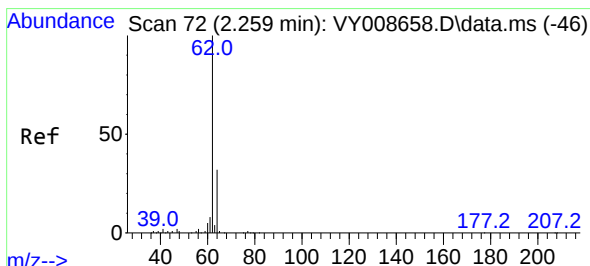
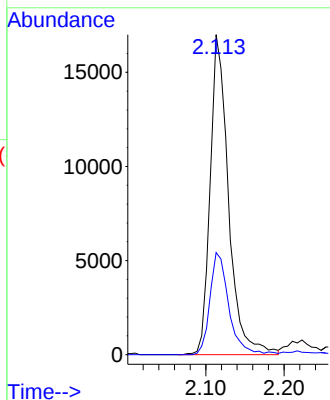
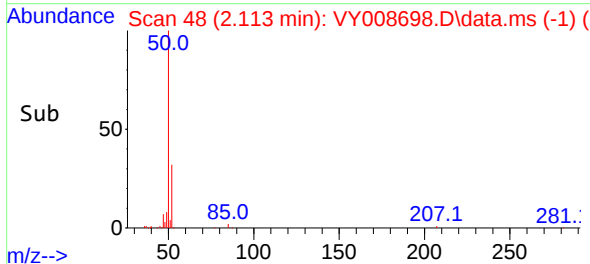
Instrument :
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Tgt Ion: 50 Resp: 27675
Ion Ratio Lower Upper
50 100
52 31.9 24.6 37.0

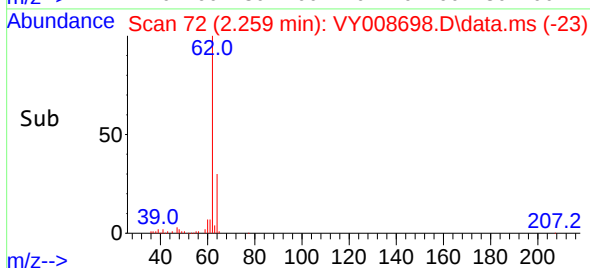
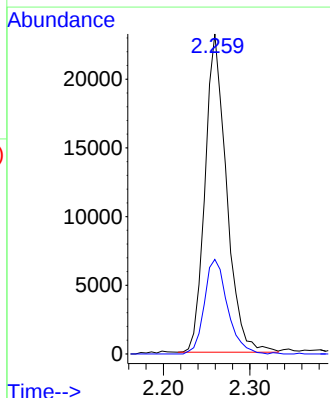
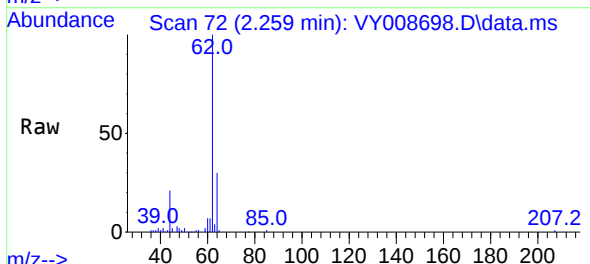
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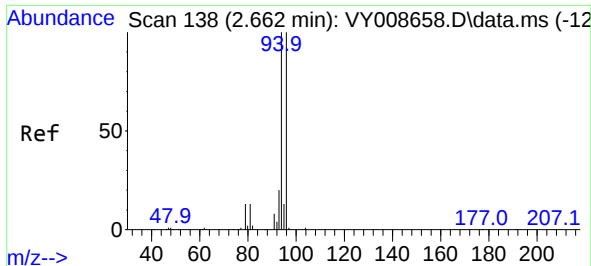
Reviewed By :John Carlone 05/12/2022
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#4
Vinyl Chloride
Concen: 25.141 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

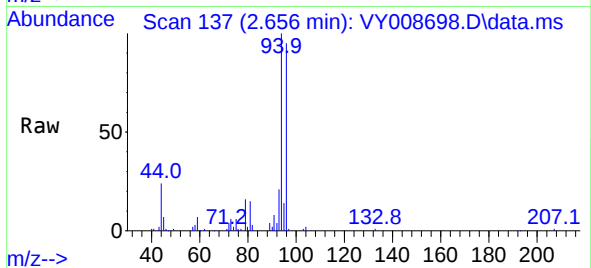
Tgt Ion: 62 Resp: 39887
Ion Ratio Lower Upper
62 100
64 29.7 25.0 37.6





#5
Bromomethane
Concen: 23.623 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

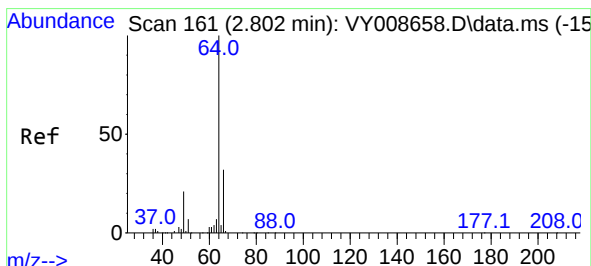
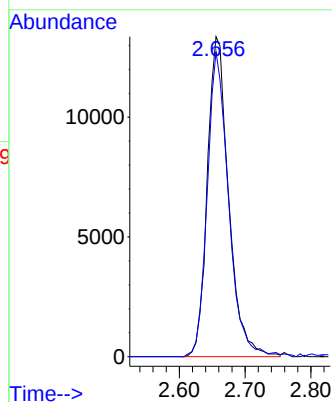
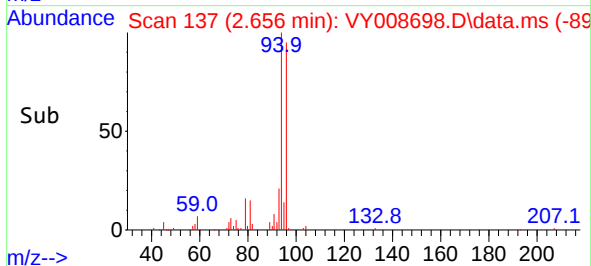
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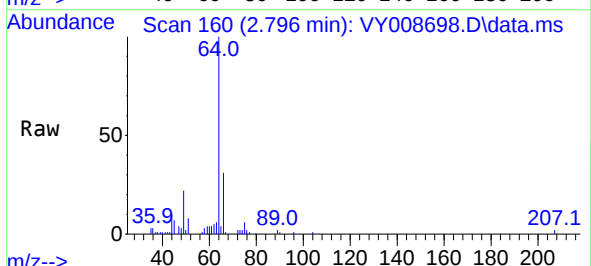
Tgt Ion: 94 Resp: 30120
Ion Ratio Lower Upper
94 100
96 95.3 73.5 110.3

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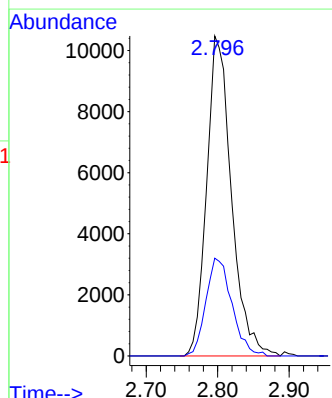
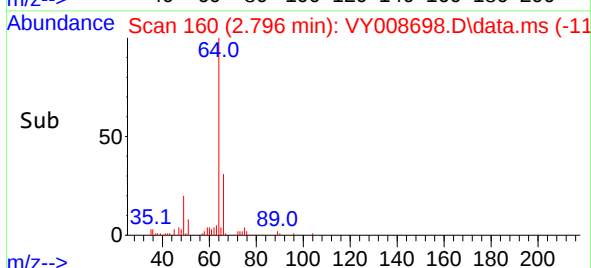
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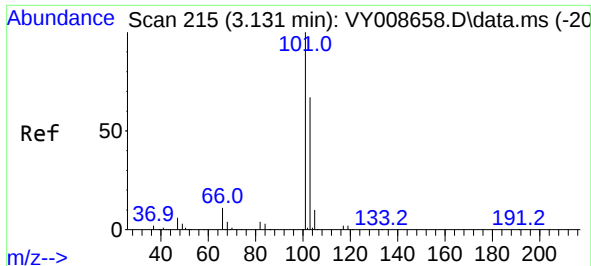


#6
Chloroethane
Concen: 23.123 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



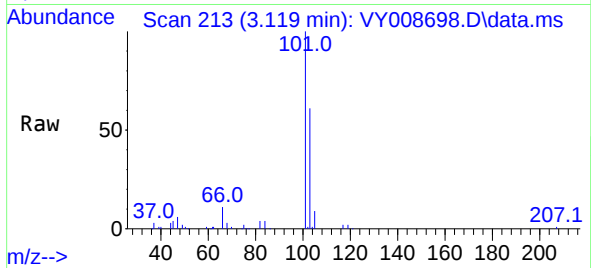
Tgt Ion: 64 Resp: 25171
Ion Ratio Lower Upper
64 100
66 30.6 25.4 38.0





#7
Trichlorofluoromethane
Concen: 22.992 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

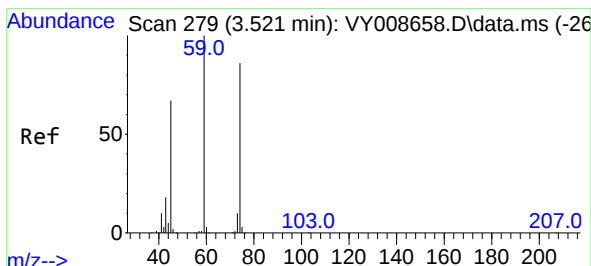
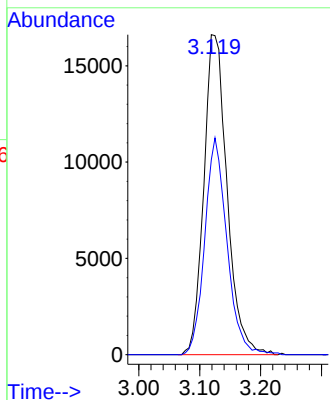
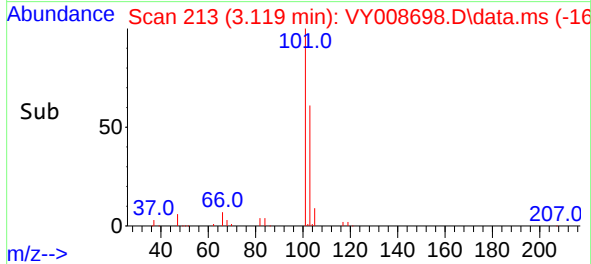
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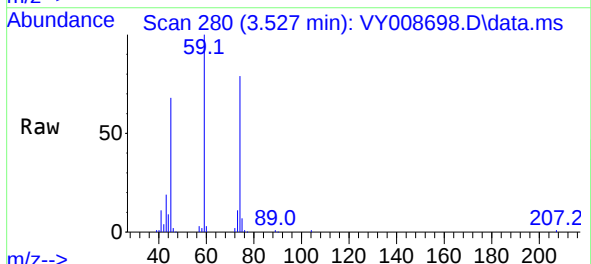
Tgt Ion:101 Resp: 44138
Ion Ratio Lower Upper
101 100
103 60.9 48.0 72.0

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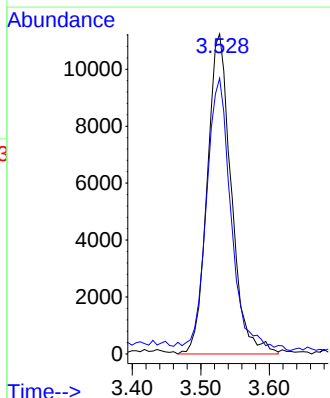
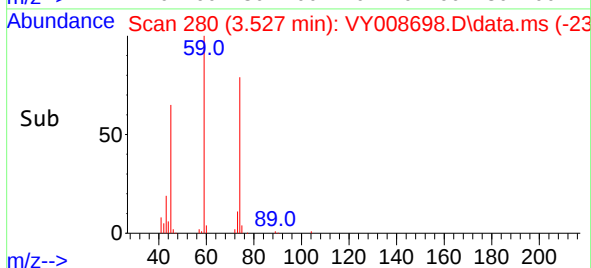
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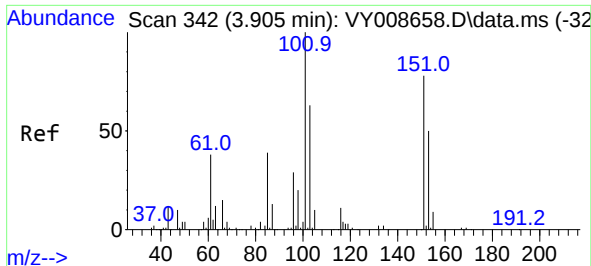


#8
Diethyl Ether
Concen: 22.493 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



Tgt Ion: 74 Resp: 27317
Ion Ratio Lower Upper
74 100
45 87.8 55.1 165.5





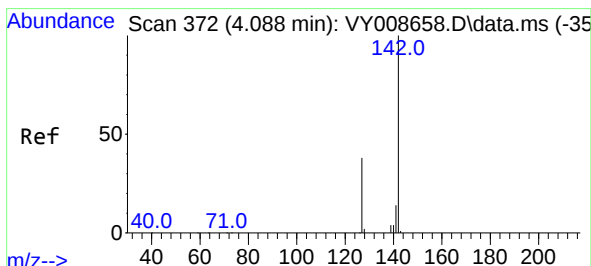
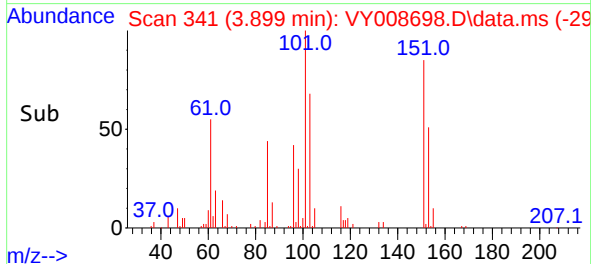
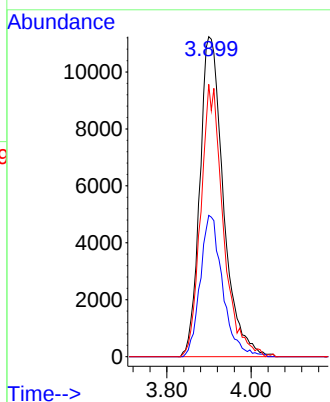
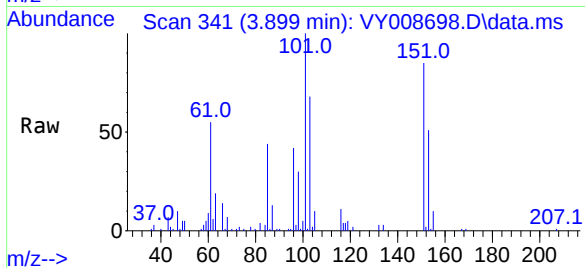
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.255 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tgt Ion:101 Resp: 4371
Ion Ratio Lower Upper
101 100
85 42.1 40.6 60.8
151 80.8 64.9 97.3

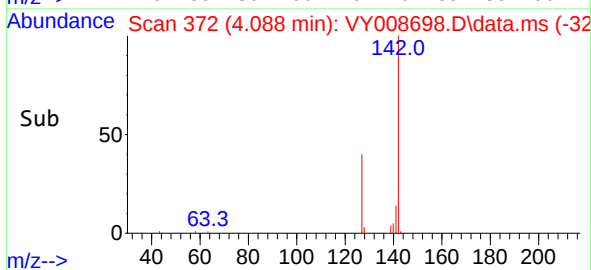
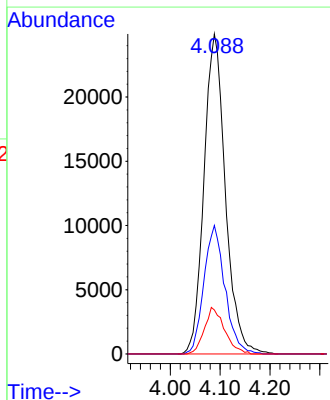
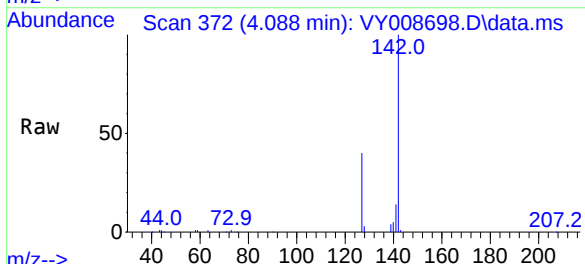
Manual Integrations
APPROVED

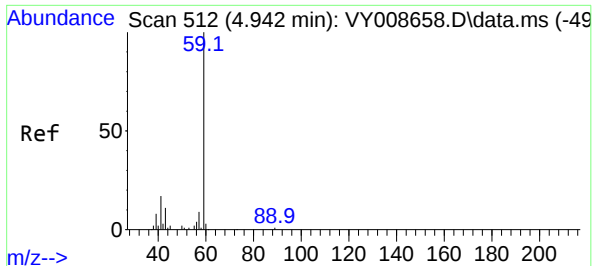
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#10
Methyl Iodide
Concen: 22.789 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Tgt Ion:142 Resp: 74295
Ion Ratio Lower Upper
142 100
127 39.5 41.5 62.3#
141 13.7 11.9 17.9





#11

Tert butyl alcohol

Concen: 137.466 ug/l

RT: 4.948 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

Tgt Ion: 59 Resp: 20520

Ion Ratio Lower Upper

59 100

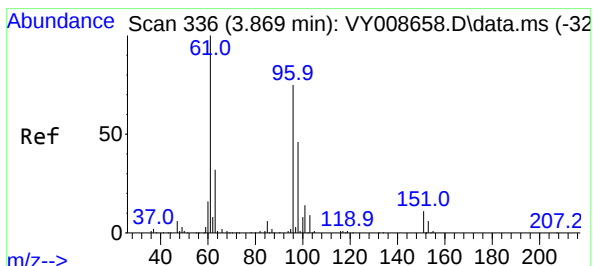
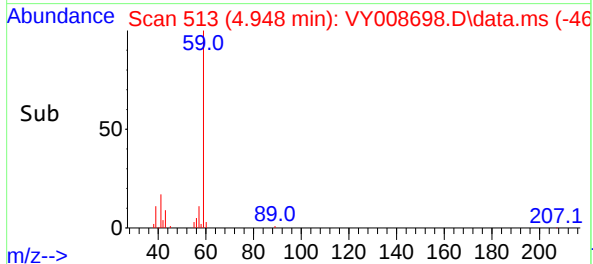
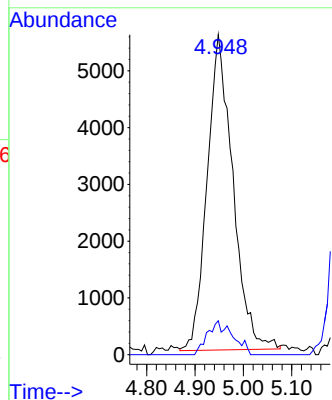
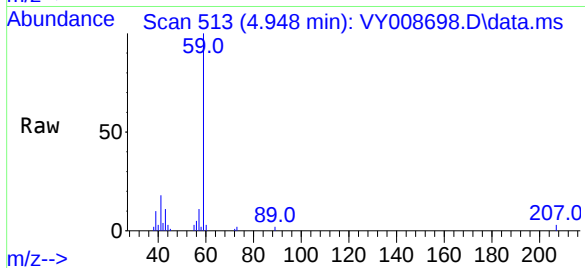
57 10.5 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#12

1,1-Dichloroethene

Concen: 22.175 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

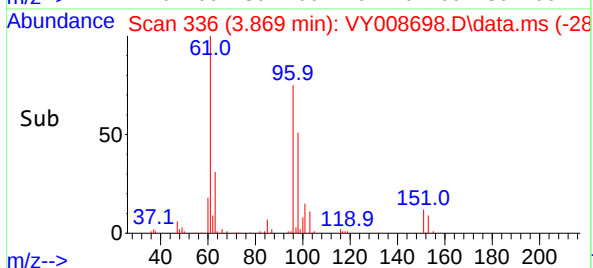
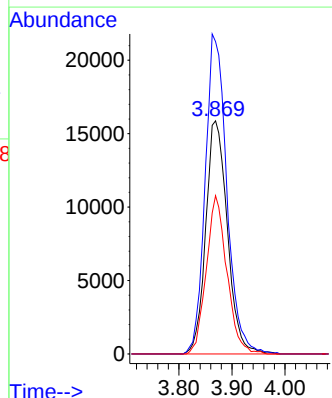
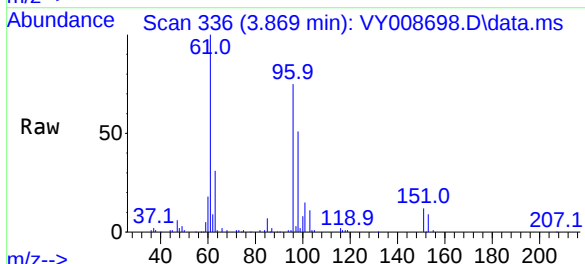
Tgt Ion: 96 Resp: 45081

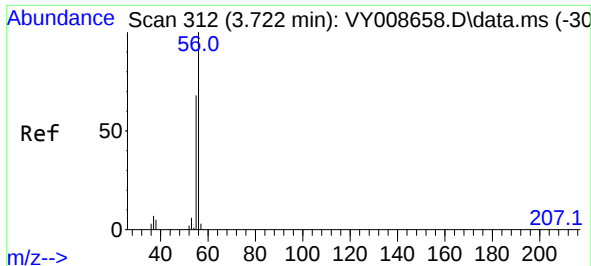
Ion Ratio Lower Upper

96 100

61 134.0 145.8 218.6#

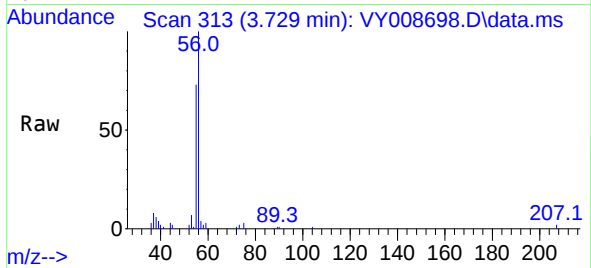
98 67.9 52.5 78.7





#13
Acrolein
Concen: 142.916 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.007 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

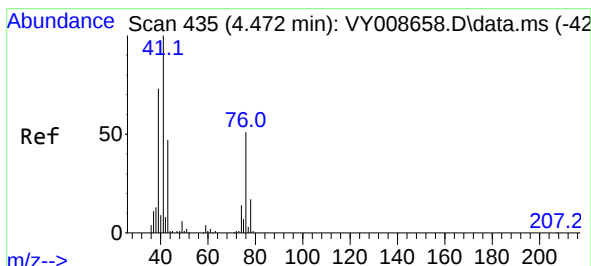
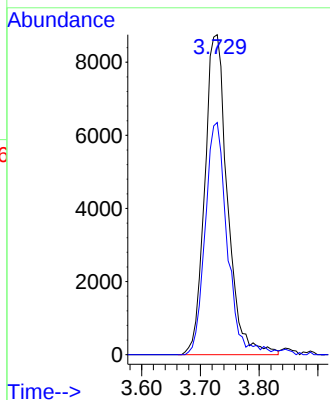
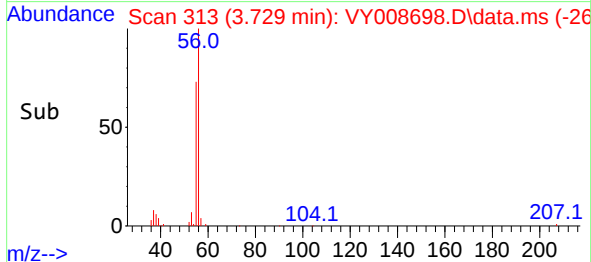
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



Tgt Ion: 56 Resp: 2348
Ion Ratio Lower Upper
56 100
55 70.5 57.6 86.4

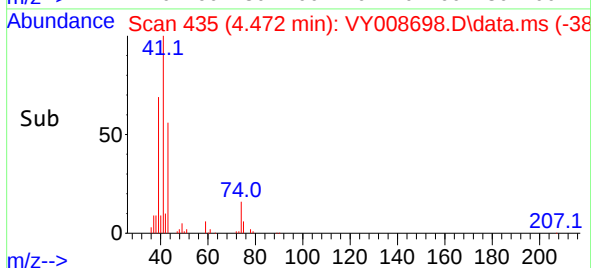
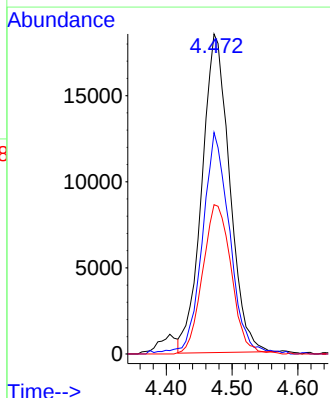
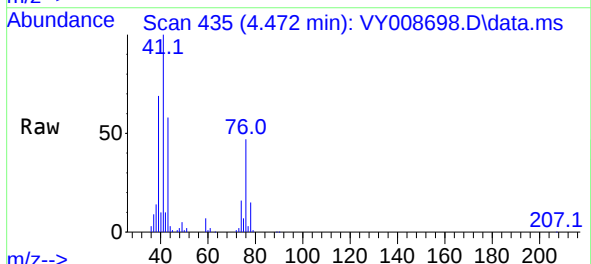
Manual Integrations
APPROVED

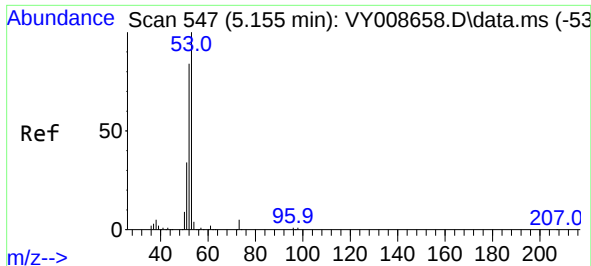
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#14
Allyl chloride
Concen: 20.674 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

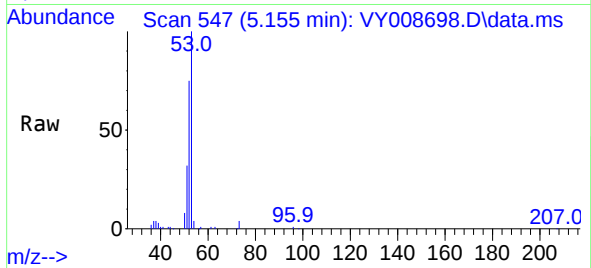
Tgt Ion: 41 Resp: 54372
Ion Ratio Lower Upper
41 100
39 68.7 58.8 88.2
76 48.4 25.1 37.7#





#15
Acrylonitrile
Concen: 124.635 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

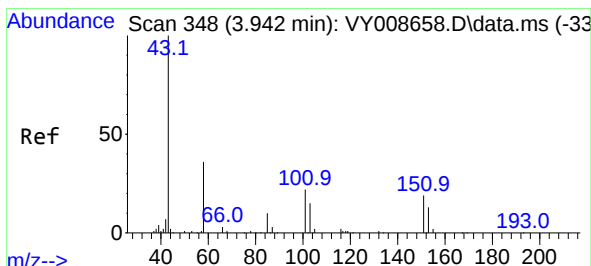
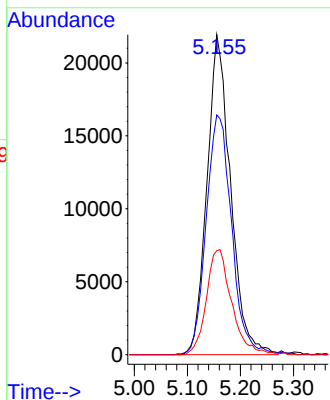
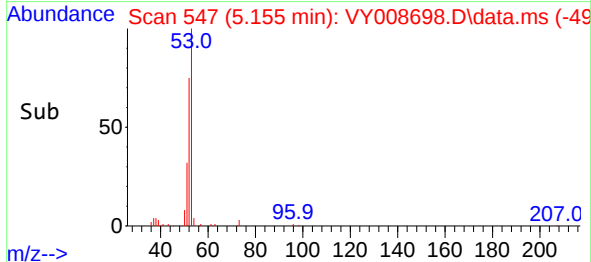
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



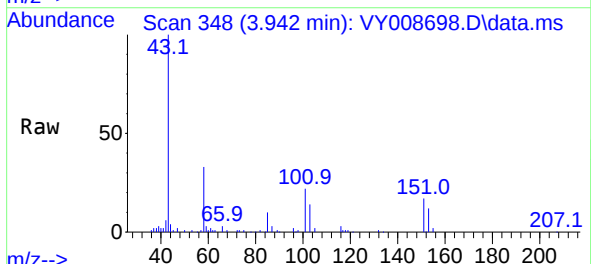
Tgt Ion: 53 Resp: 67829
Ion Ratio Lower Upper
53 100
52 81.1 67.0 100.4
51 35.3 29.8 44.6

Manual Integrations
APPROVED

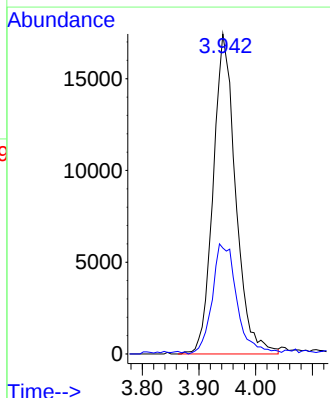
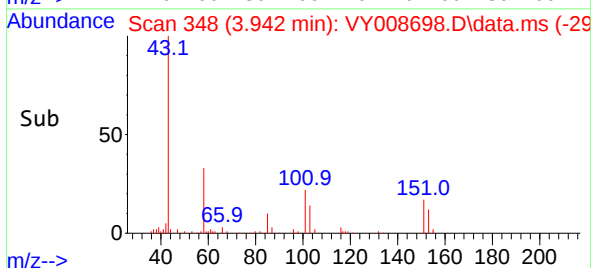
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

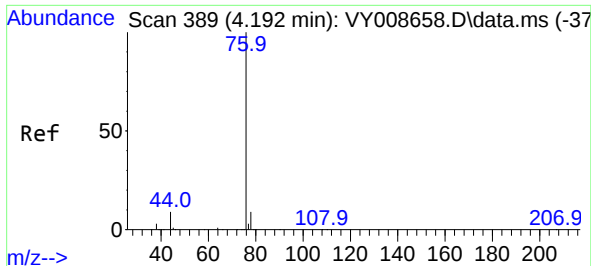


#16
Acetone
Concen: 122.417 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



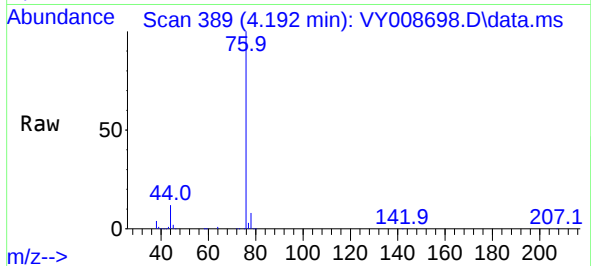
Tgt Ion: 43 Resp: 48061
Ion Ratio Lower Upper
43 100
58 32.3 22.0 33.0





#17
Carbon Disulfide
Concen: 22.715 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

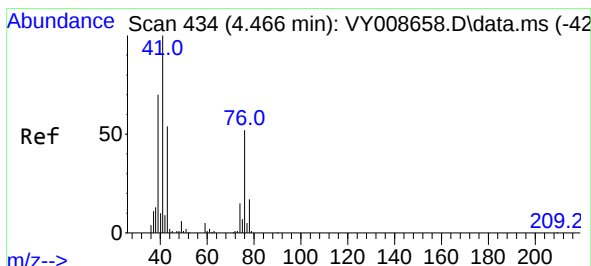
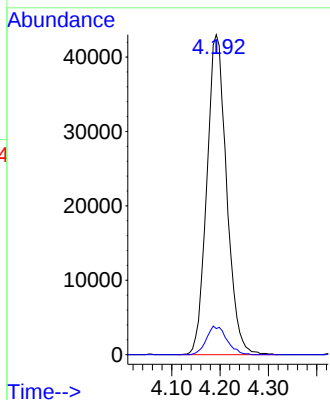
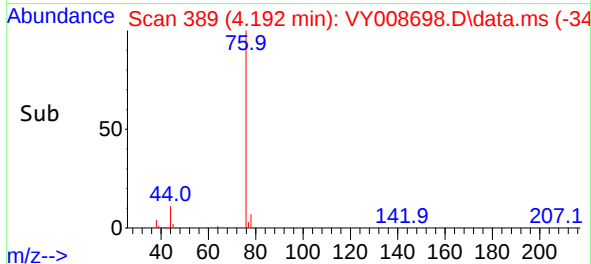
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



Tgt Ion: 76 Resp: 122475
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0

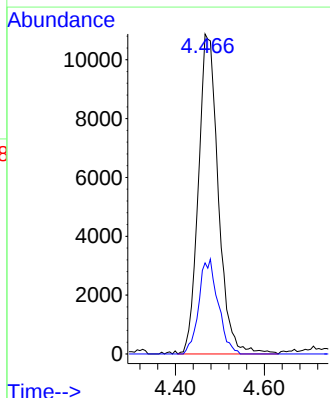
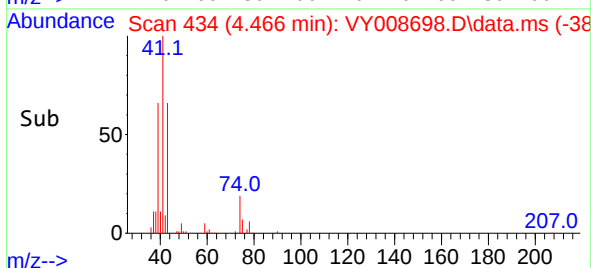
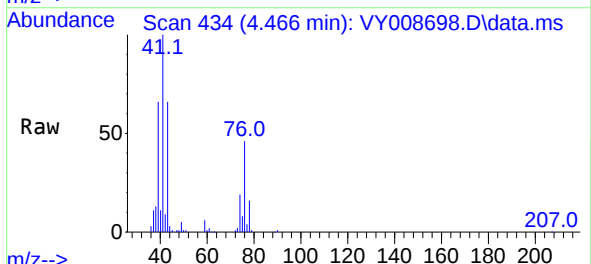
Manual Integrations
APPROVED

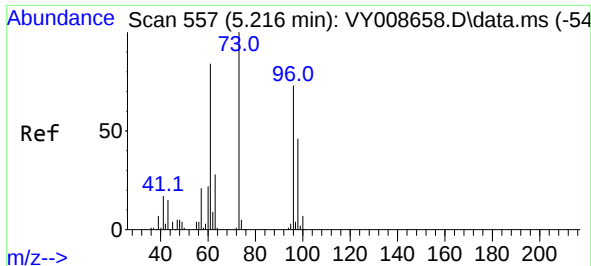
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#18
Methyl Acetate
Concen: 28.437 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Tgt Ion: 43 Resp: 33903
Ion Ratio Lower Upper
43 100
74 28.6 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 23.334 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

Tgt Ion: 73 Resp: 8744

Ion Ratio Lower Upper

73 100

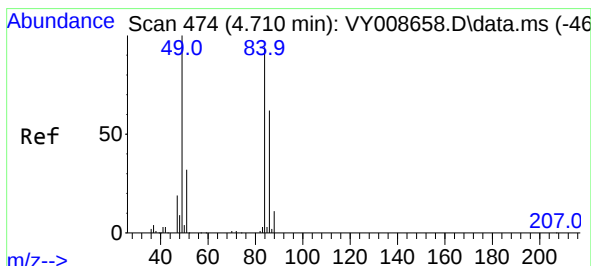
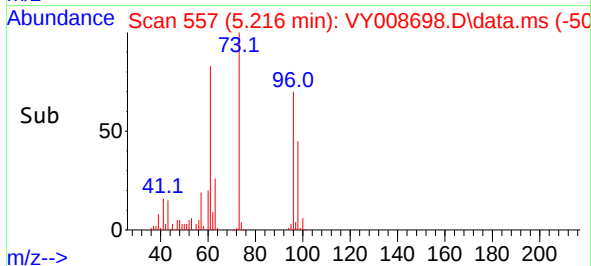
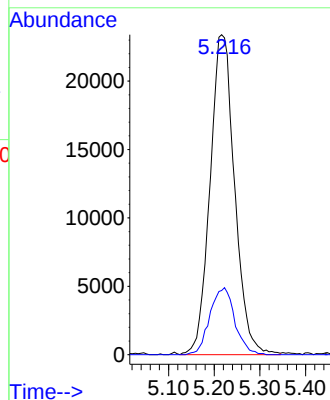
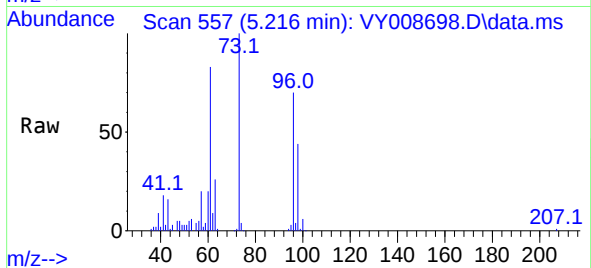
57 20.1 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#20

Methylene Chloride

Concen: 25.253 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

Tgt Ion: 84 Resp: 60208

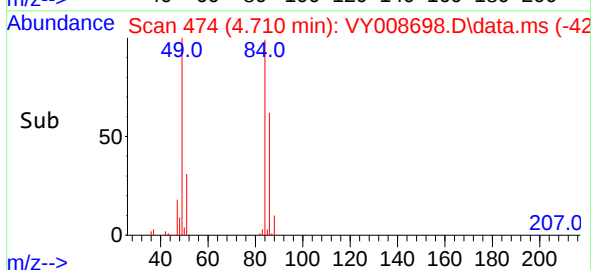
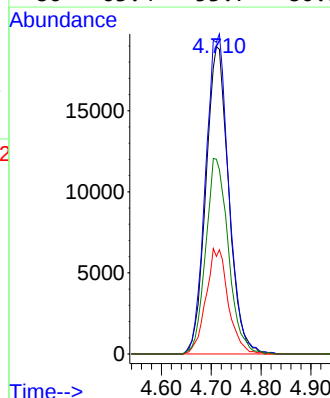
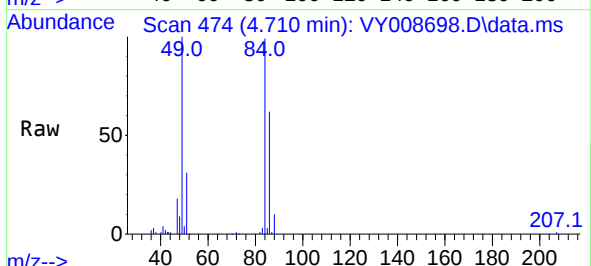
Ion Ratio Lower Upper

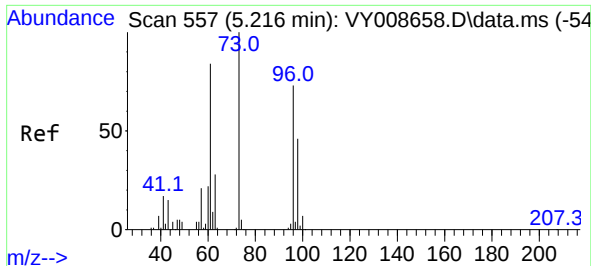
84 100

49 101.4 114.4 171.6#

51 31.8 35.3 52.9#

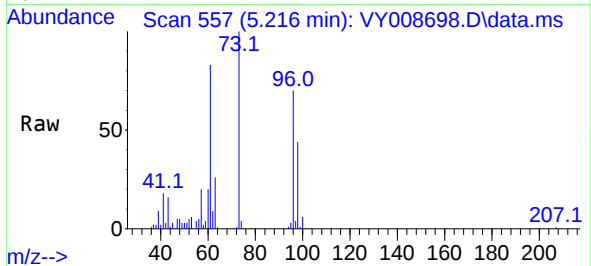
86 63.4 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 22.291 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

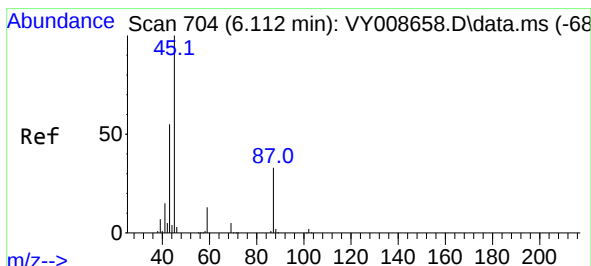
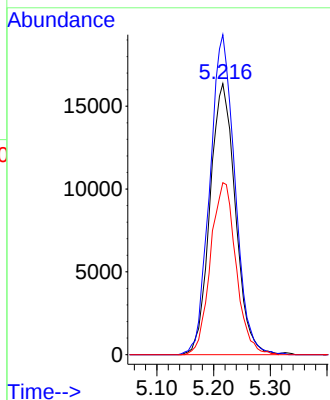
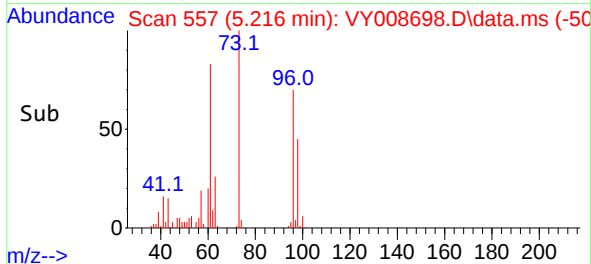
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



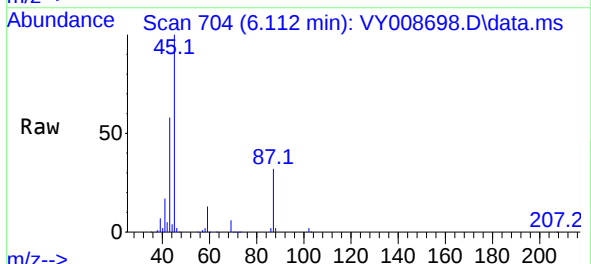
Tgt Ion: 96 Resp: 50934
Ion Ratio Lower Upper
96 100
61 118.0 120.5 180.7
98 63.4 49.8 74.8

Manual Integrations
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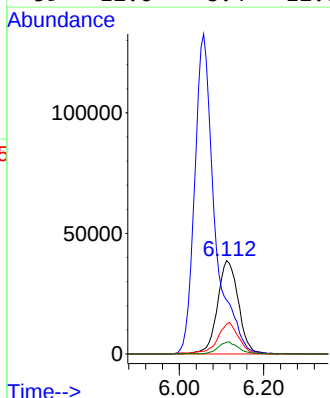
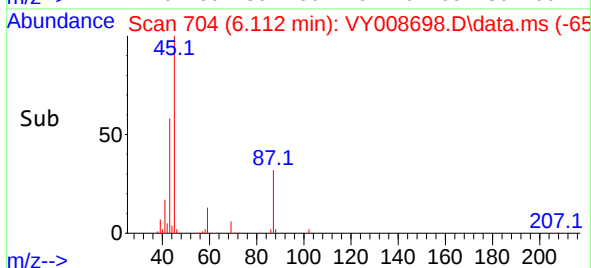
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

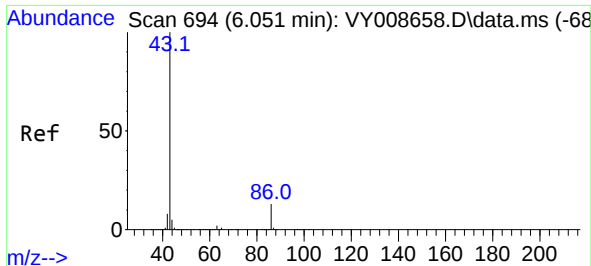


#22
Diisopropyl ether
Concen: 23.354 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



Tgt Ion: 45 Resp: 132953
Ion Ratio Lower Upper
45 100
43 57.1 49.3 73.9
87 32.1 19.2 28.8
59 12.6 8.4 12.6





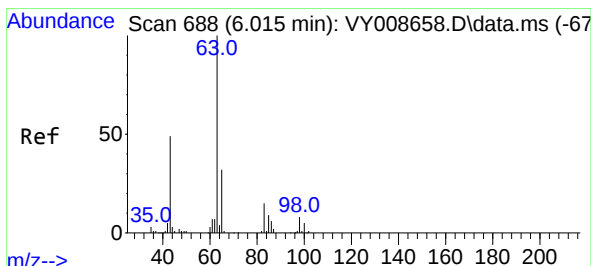
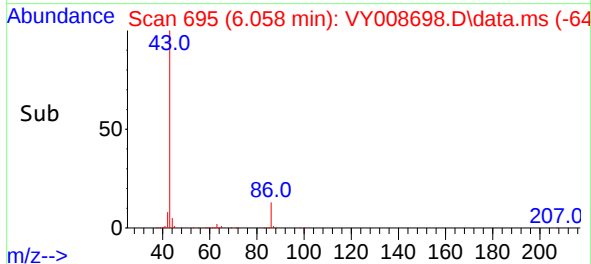
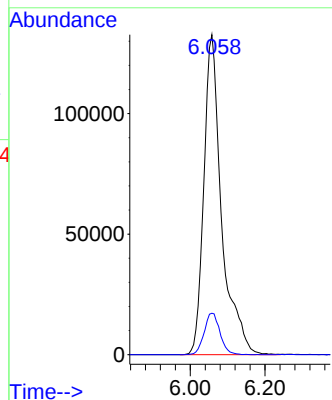
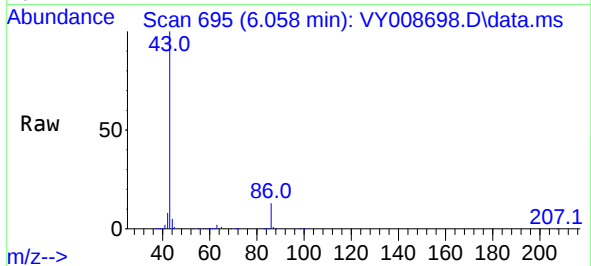
#23
 Vinyl Acetate
 Concen: 121.908 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY008698.D
 Acq: 11 May 2022 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01

Tgt Ion: 43 Resp: 438380
 Ion Ratio Lower Upper
 43 100
 86 12.9 7.1 10.7

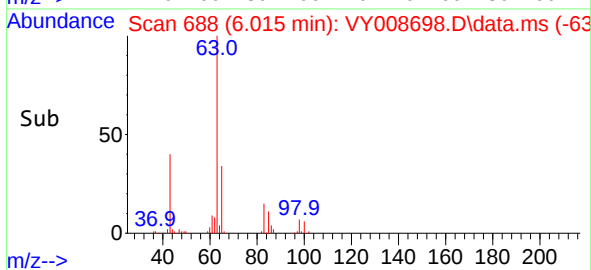
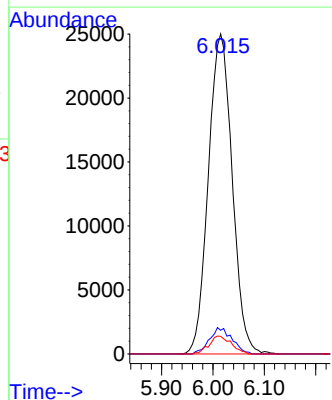
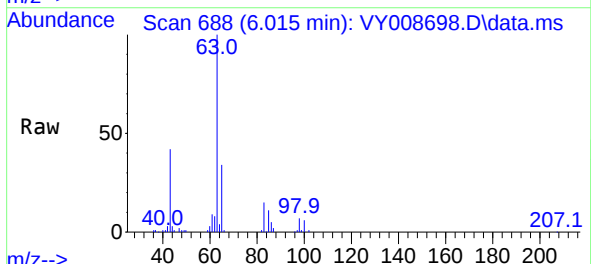
Manual Integrations
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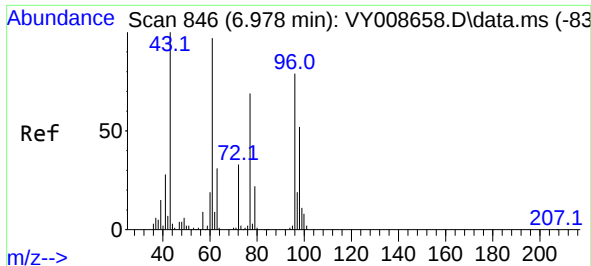
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/12/2022



#24
 1,1-Dichloroethane
 Concen: 22.043 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008698.D
 Acq: 11 May 2022 11:45

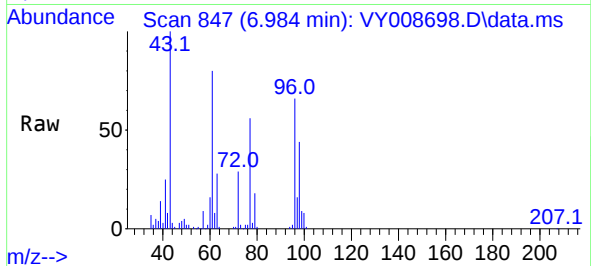
Tgt Ion: 63 Resp: 80575
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 5.5 2.0 5.8





#25
2-Butanone
Concen: 125.974 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

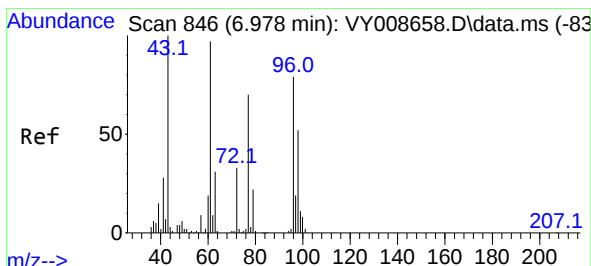
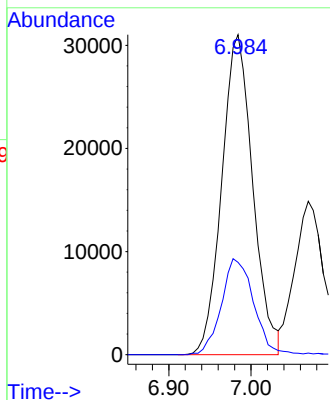
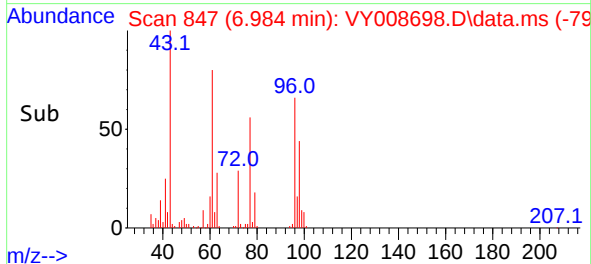
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



Tgt Ion: 43 Resp: 81299
Ion Ratio Lower Upper
43 100
72 28.8 17.7 26.5

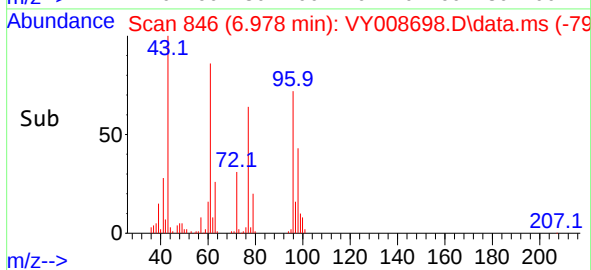
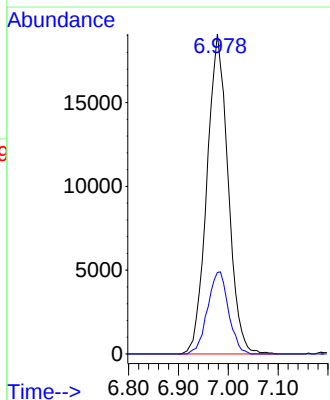
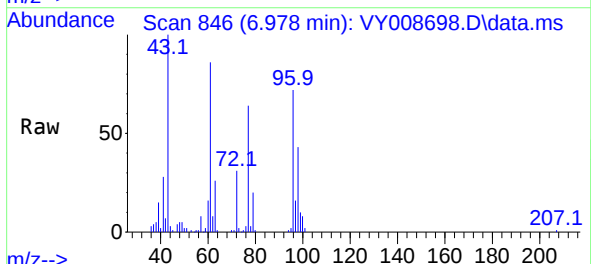
Manual Integrations
APPROVED

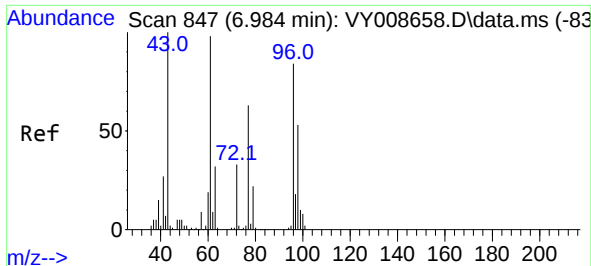
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#26
2,2-Dichloropropane
Concen: 23.026 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

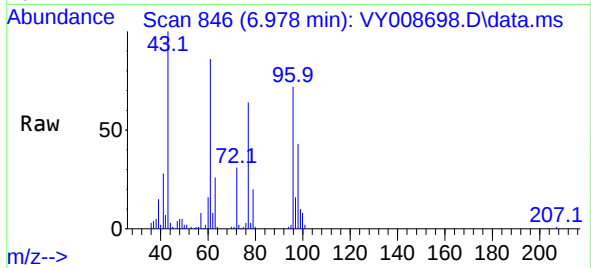
Tgt Ion: 77 Resp: 56268
Ion Ratio Lower Upper
77 100
97 25.4 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 22.039 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

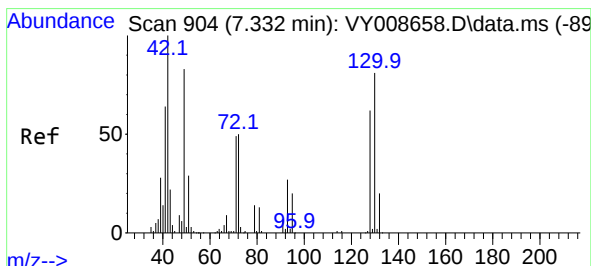
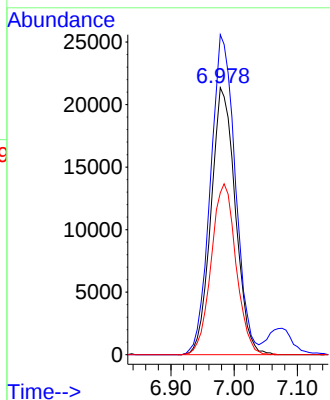
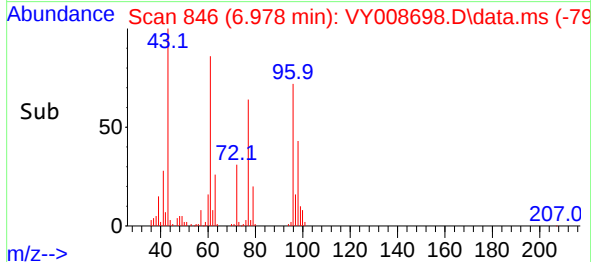
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



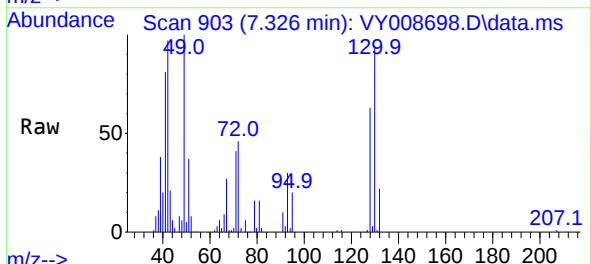
Tgt Ion: 96 Resp: 56928
Ion Ratio Lower Upper
96 100
61 122.4 0.0 319.8
98 65.3 0.0 127.0

Manual Integrations
APPROVED

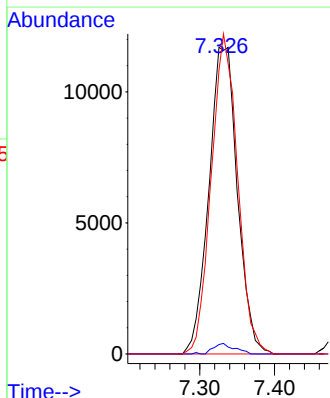
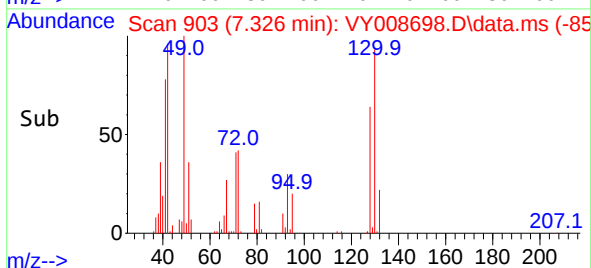
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

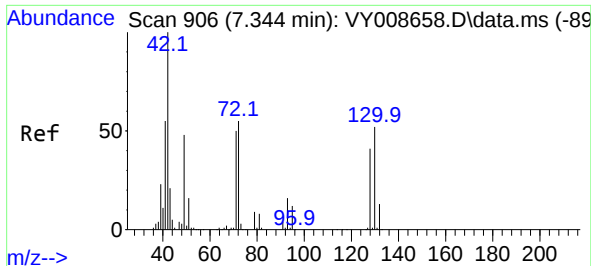


#28
Bromochloromethane
Concen: 24.025 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



Tgt Ion: 49 Resp: 31144
Ion Ratio Lower Upper
49 100
129 2.5 0.0 2.2#
130 96.1 55.4 83.0#





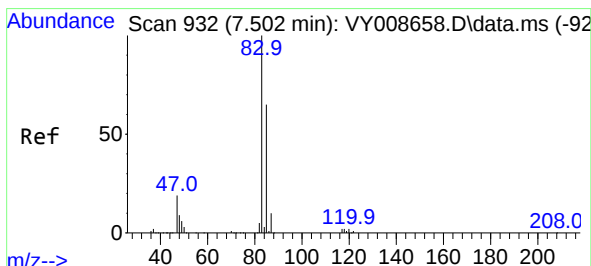
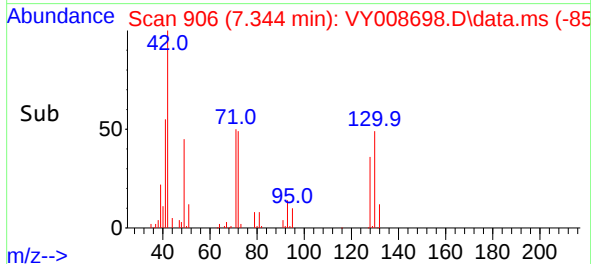
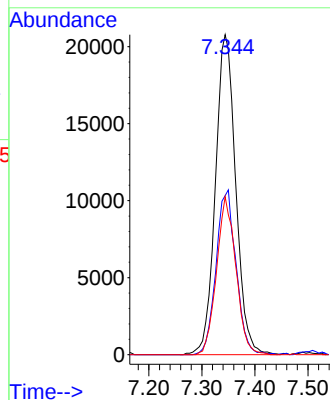
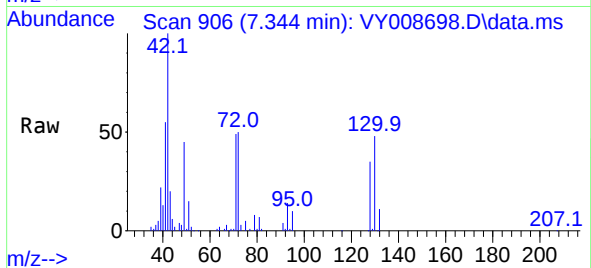
#29
Tetrahydrofuran
Concen: 128.452 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tgt Ion: 42 Resp: 5540
Ion Ratio Lower Upper
42 100
72 50.7 30.3 45.5
71 46.9 29.0 43.4

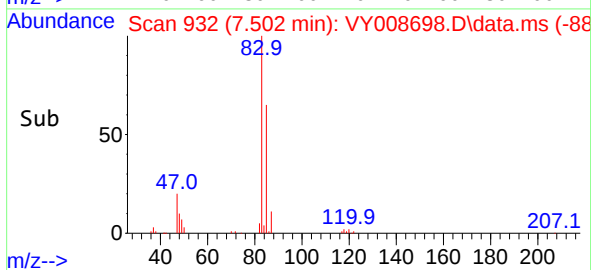
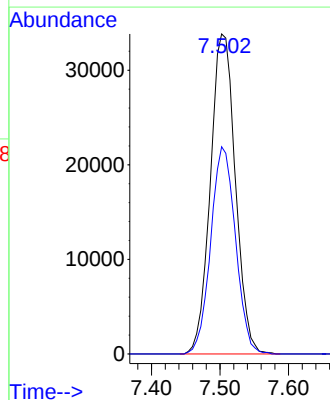
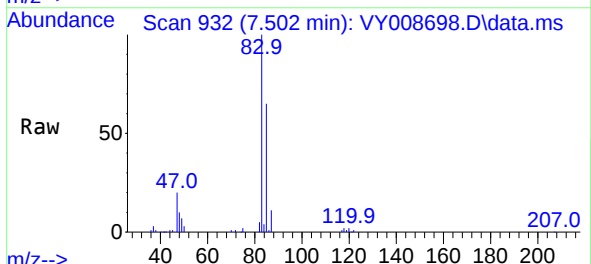
Manual Integrations
APPROVED

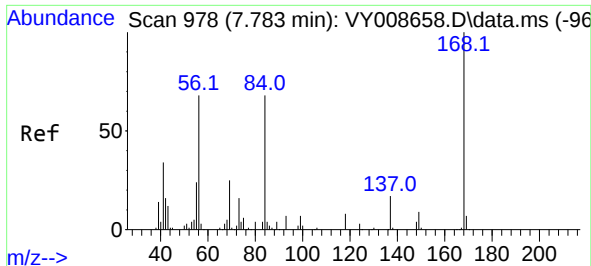
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#30
Chloroform
Concen: 22.152 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

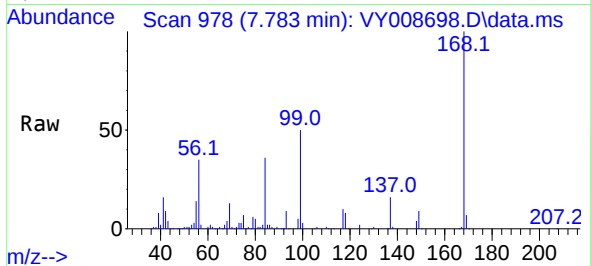
Tgt Ion: 83 Resp: 85635
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6





#31
Cyclohexane
Concen: 22.062 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

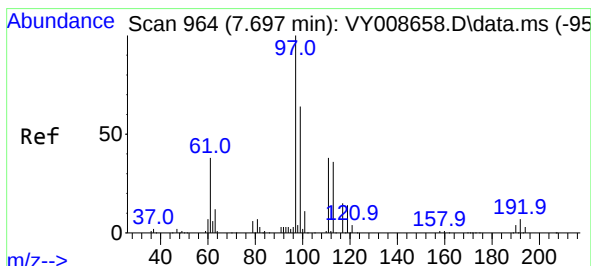
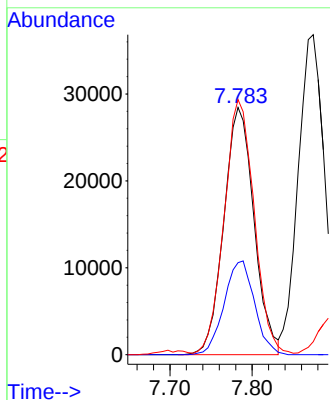
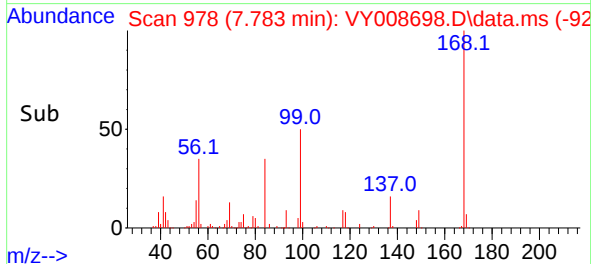
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



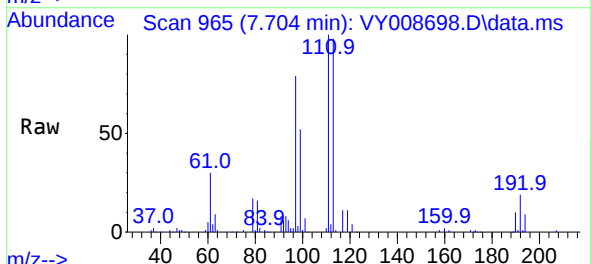
Tgt Ion: 56 Resp: 72620
Ion Ratio Lower Upper
56 100
69 37.2 26.7 40.1
84 101.6 67.2 100.8

Manual Integrations
APPROVED

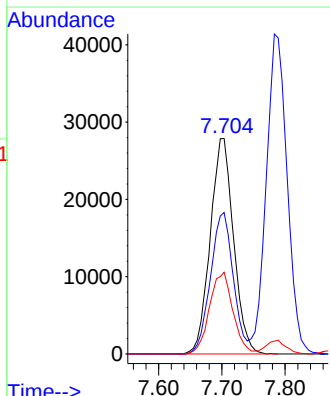
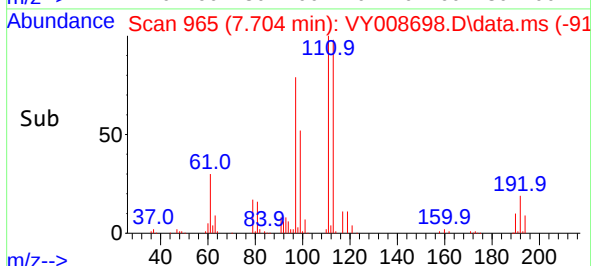
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

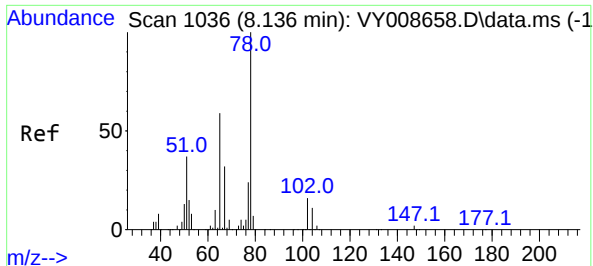


#32
1,1,1-Trichloroethane
Concen: 22.493 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



Tgt Ion: 97 Resp: 71260
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 38.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 58.756 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

Tgt Ion: 65 Resp: 97770

Ion Ratio Lower Upper

65 100

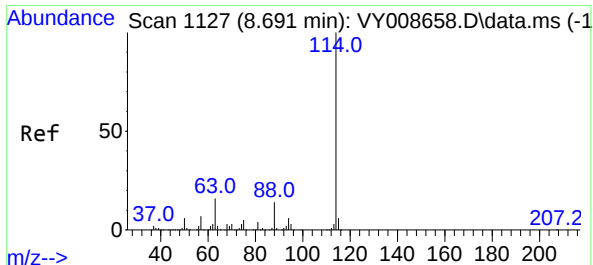
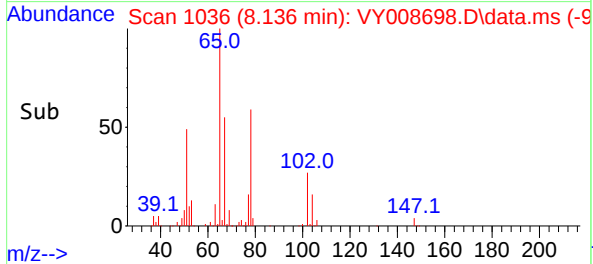
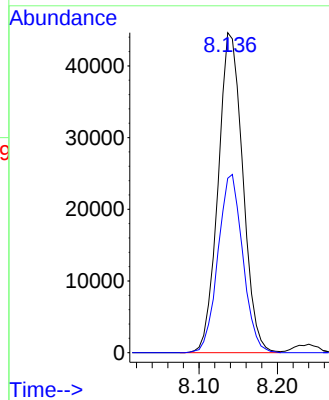
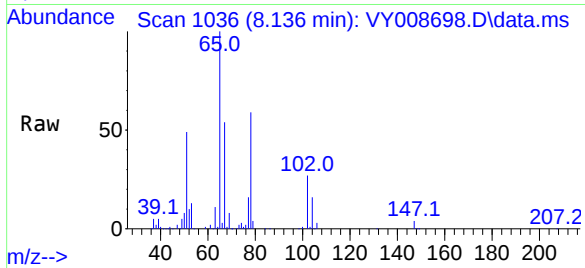
67 55.9 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

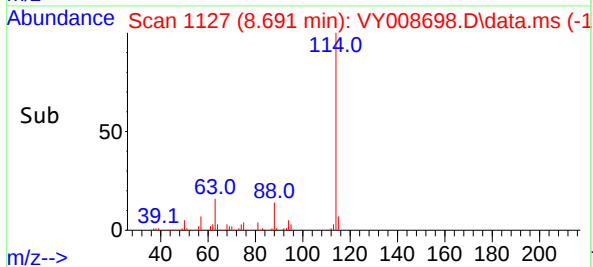
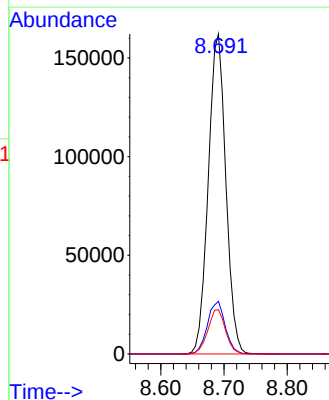
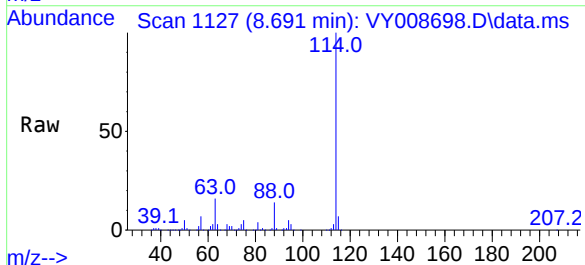
Tgt Ion:114 Resp: 312638

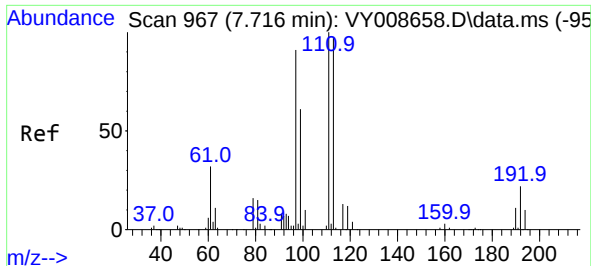
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

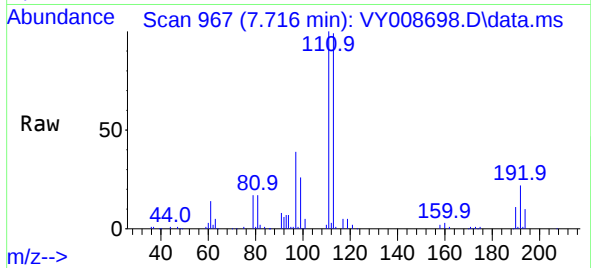
88 13.8 0.0 31.8





#35
Dibromofluoromethane
Concen: 55.187 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

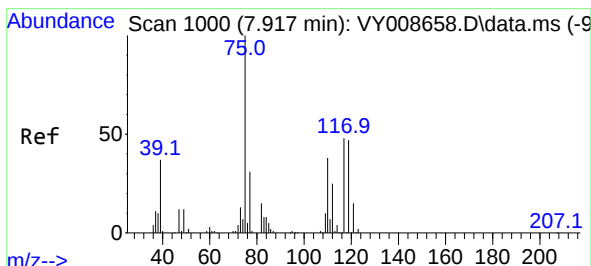
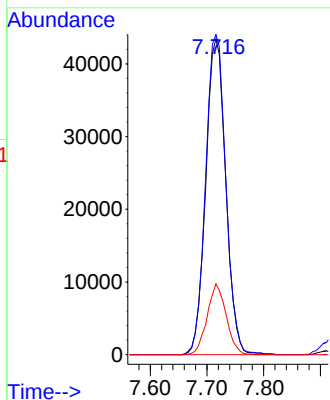
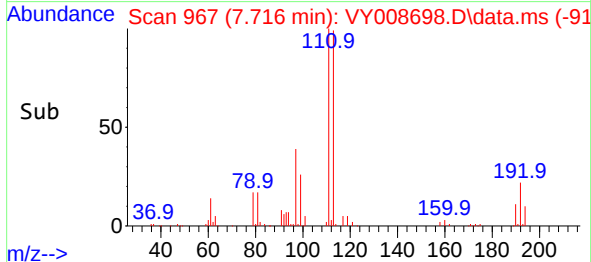
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



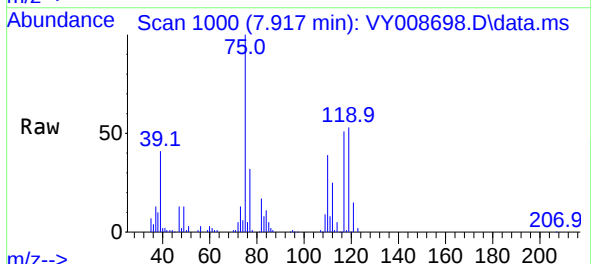
Tgt Ion: 113 Resp: 10632
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 21.4 17.6 26.4

Manual Integrations
APPROVED

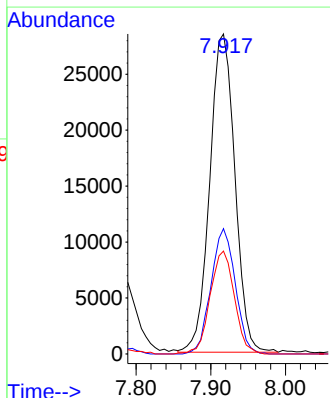
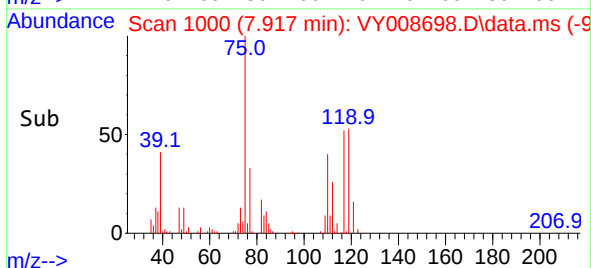
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

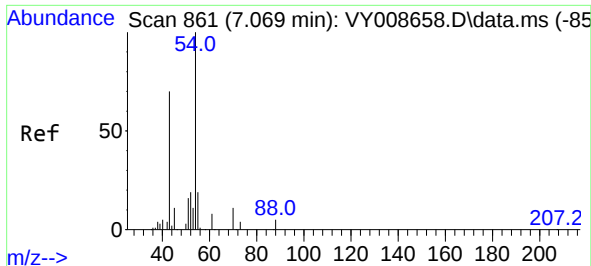


#36
1,1-Dichloropropene
Concen: 21.514 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



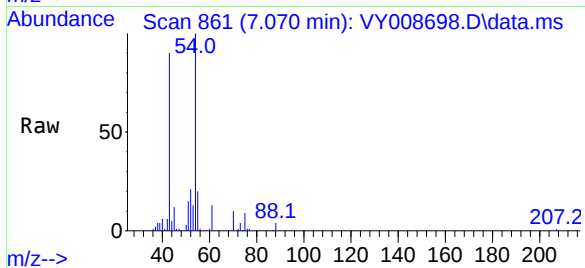
Tgt Ion: 75 Resp: 66597
Ion Ratio Lower Upper
75 100
110 38.0 17.1 51.2
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 24.737 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.001 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

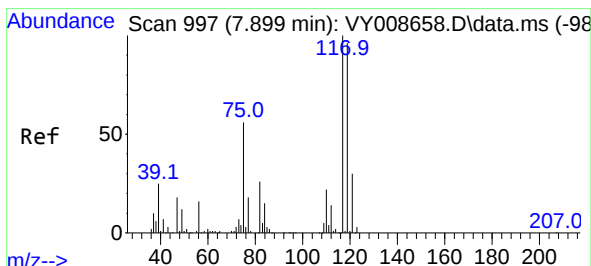
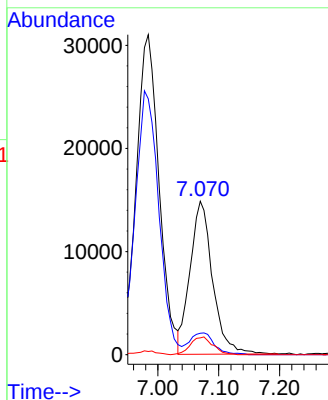
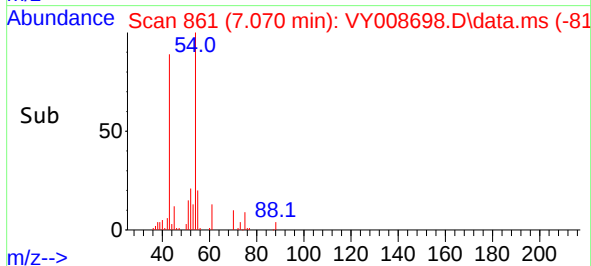
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



Tgt Ion: 43 Resp: 38074
Ion Ratio Lower Upper
43 100
61 15.6 9.7 14.5
70 11.7 7.1 10.7

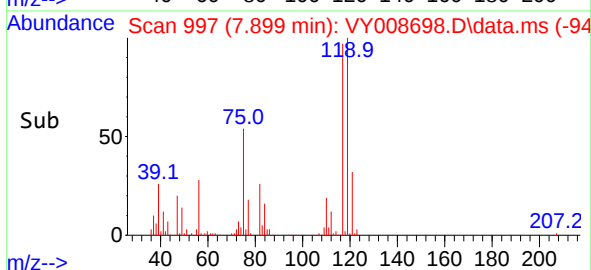
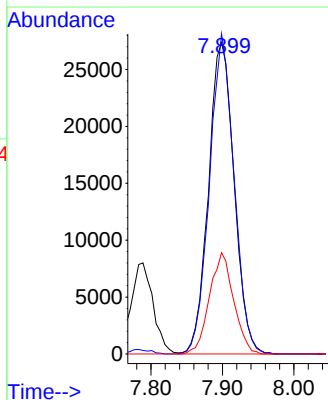
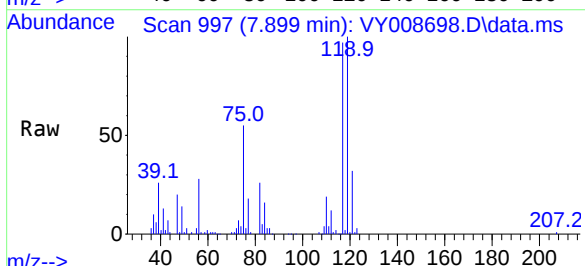
Manual Integrations
APPROVED

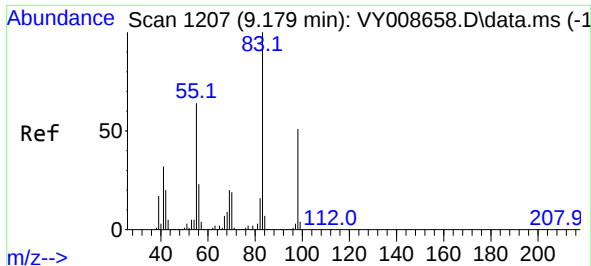
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#38
Carbon Tetrachloride
Concen: 21.823 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Tgt Ion:117 Resp: 68325
Ion Ratio Lower Upper
117 100
119 102.7 77.9 116.9
121 32.5 24.8 37.2





#39

Methylcyclohexane

Concen: 21.112 ug/l

RT: 9.185 min Scan# 10

Delta R.T. 0.006 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

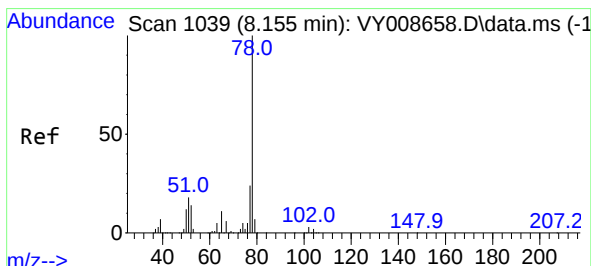
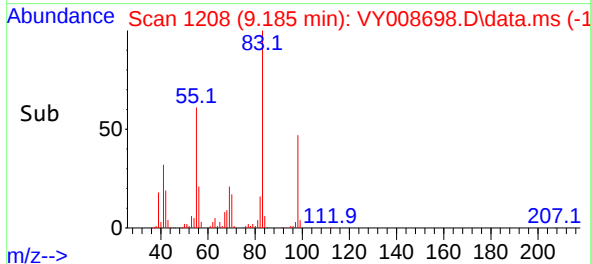
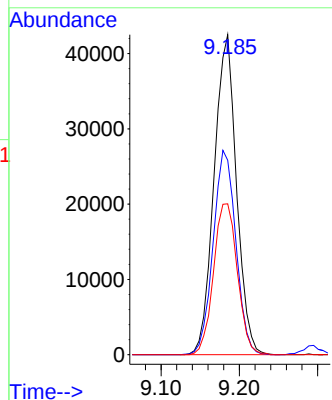
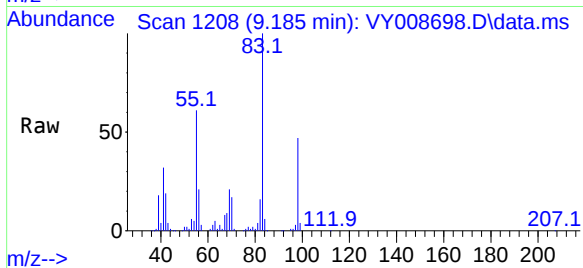
Tgt Ion: 83	Resp: 8452
Ion Ratio	Lower Upper
83	100
55	60.8 66.5 99.7
98	47.2 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#40

Benzene

Concen: 21.829 ug/l

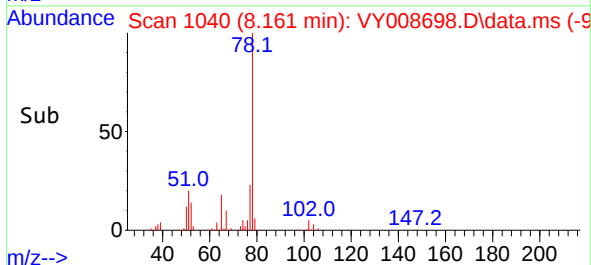
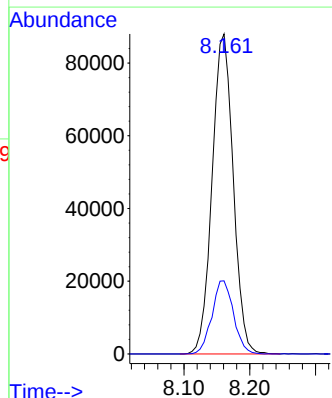
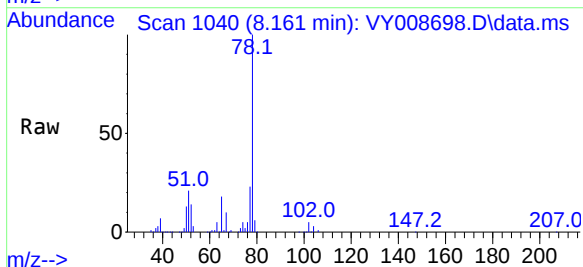
RT: 8.161 min Scan# 1040

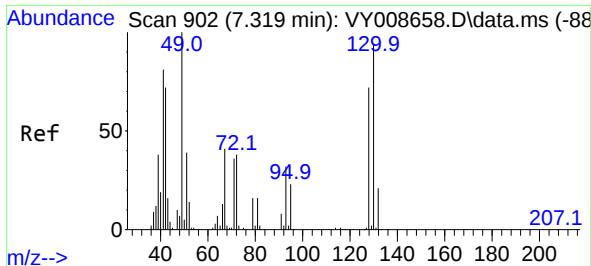
Delta R.T. 0.006 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

Tgt Ion: 78	Resp: 196319
Ion Ratio	Lower Upper
78	100
77	22.9 20.4 30.6





#41

Methacrylonitrile

Concen: 24.014 ug/l m

RT: 7.319 min Scan# 902

Delta R.T. 0.000 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

Tgt Ion: 41 Resp: 2004

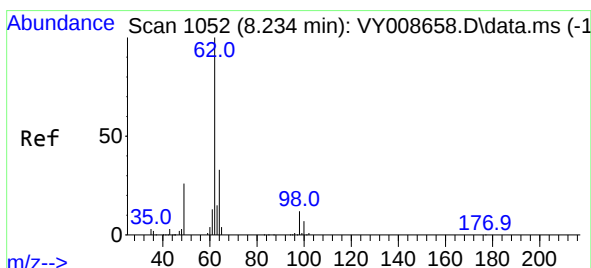
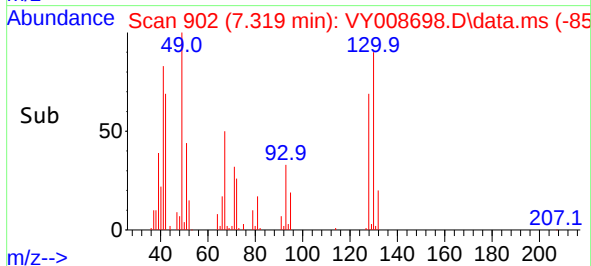
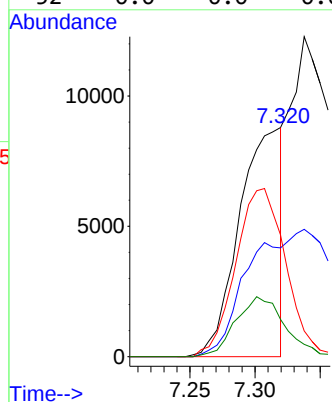
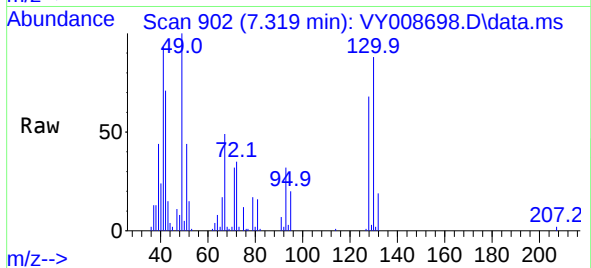
Ion	Ratio	Lower	Upper
41	100		
39	111.7	92.9	139.3
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#42

1,2-Dichloroethane

Concen: 23.057 ug/l

RT: 8.234 min Scan# 1052

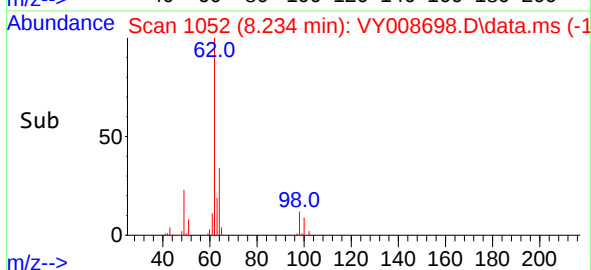
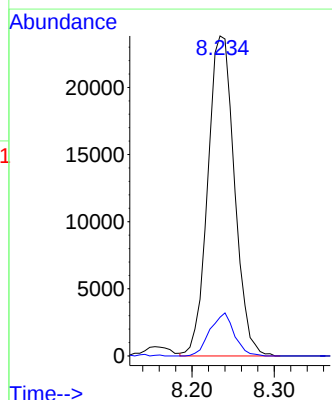
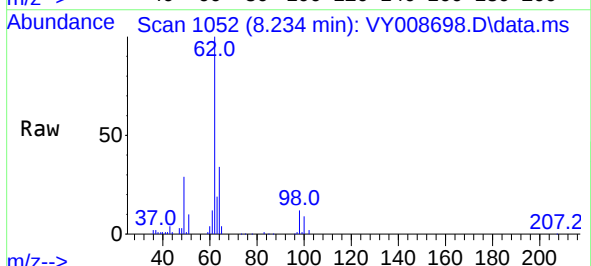
Delta R.T. -0.000 min

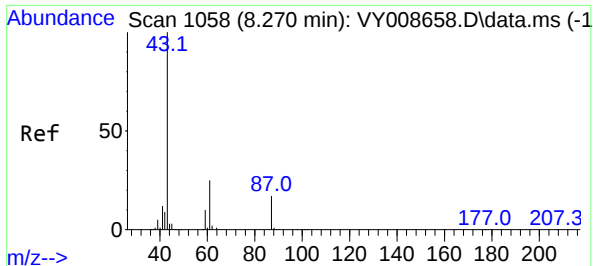
Lab File: VY008698.D

Acq: 11 May 2022 11:45

Tgt Ion: 62 Resp: 53755

Ion	Ratio	Lower	Upper
62	100		
98	12.2	0.0	14.8





#43

Isopropyl Acetate

Concen: 23.918 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

Tgt Ion: 43 Resp: 66870

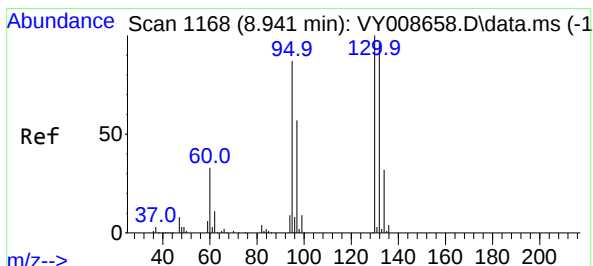
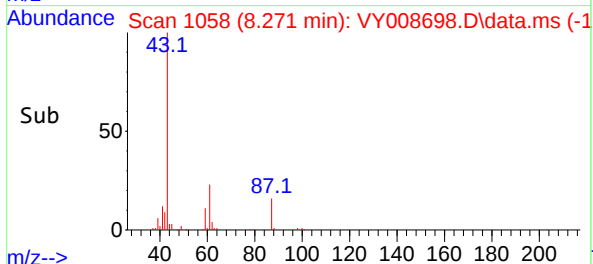
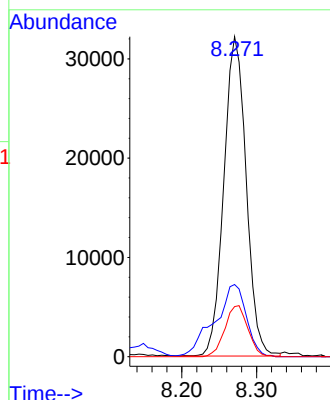
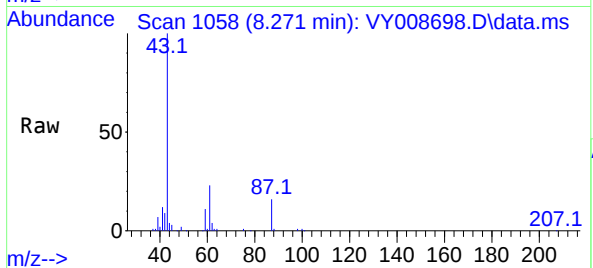
Ion	Ratio	Lower	Upper
43	100		
61	32.2	20.2	30.2
87	16.5	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#44

Trichloroethene

Concen: 21.531 ug/l

RT: 8.935 min Scan# 1167

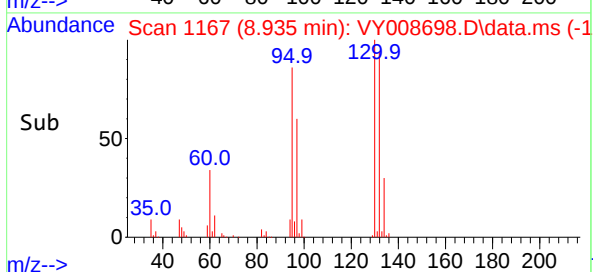
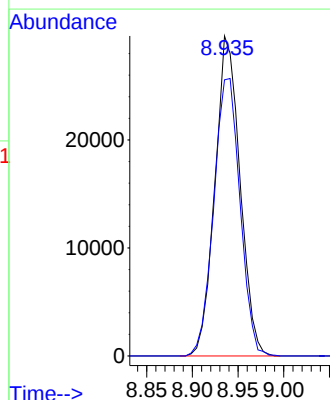
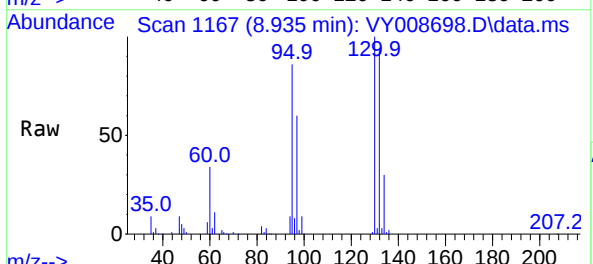
Delta R.T. -0.006 min

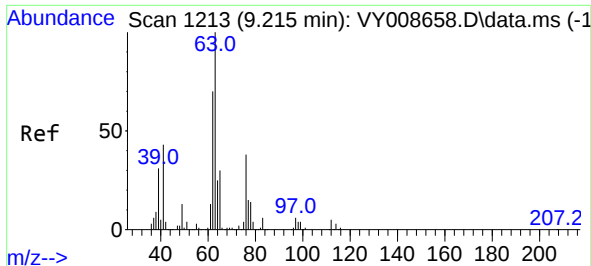
Lab File: VY008698.D

Acq: 11 May 2022 11:45

Tgt Ion:130 Resp: 56512

Ion	Ratio	Lower	Upper
130	100		
95	86.3	0.0	188.2





#45

1,2-Dichloropropane

Concen: 22.121 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

Tgt Ion: 63 Resp: 48540

Ion Ratio Lower Upper

63 100

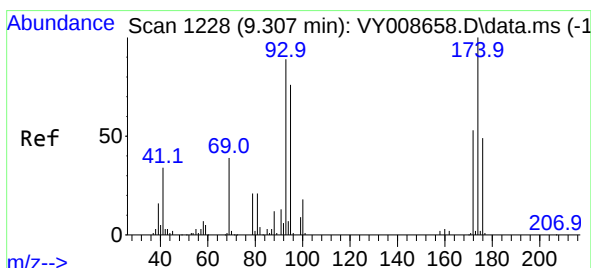
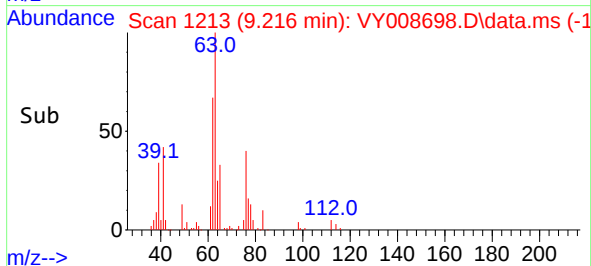
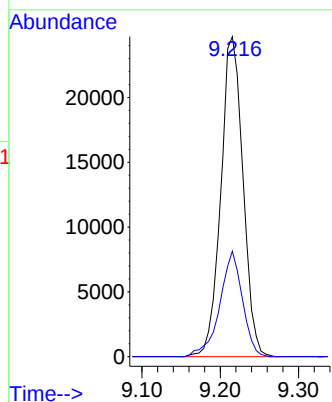
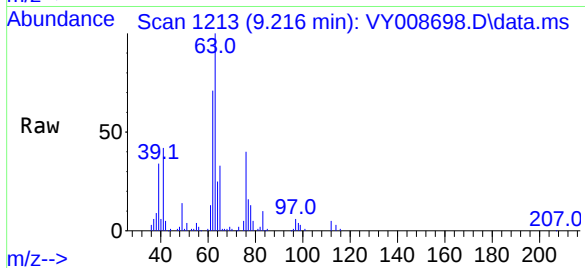
65 33.0 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#46

Dibromomethane

Concen: 22.135 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

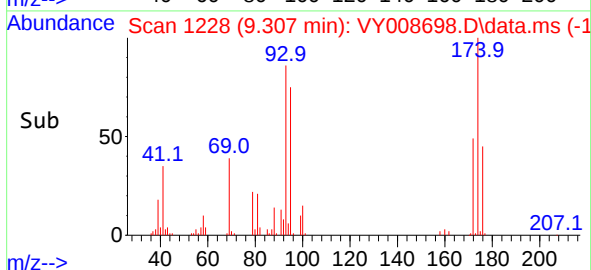
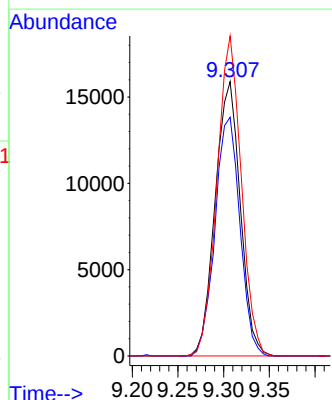
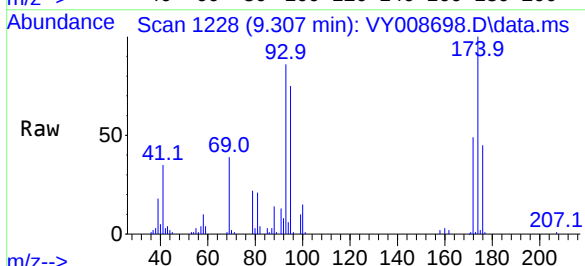
Tgt Ion: 93 Resp: 30399

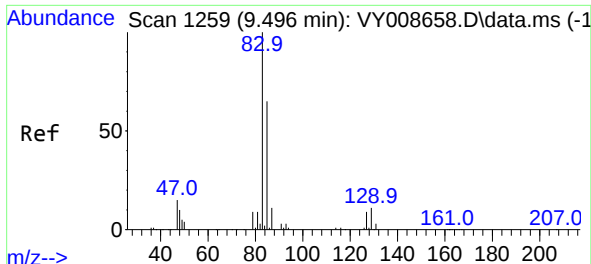
Ion Ratio Lower Upper

93 100

95 86.0 64.3 96.5

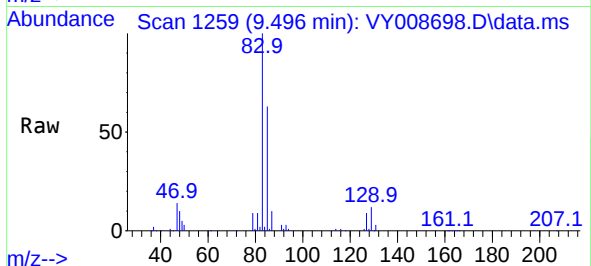
174 112.8 83.4 125.0





#47
Bromodichloromethane
Concen: 21.981 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

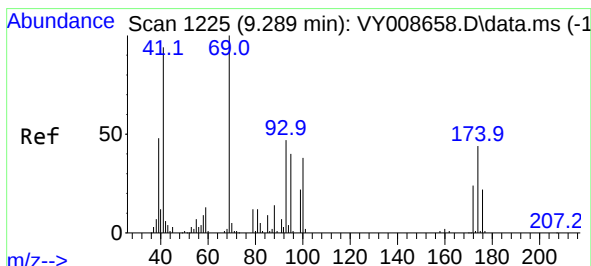
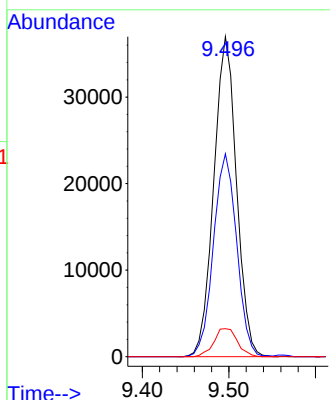
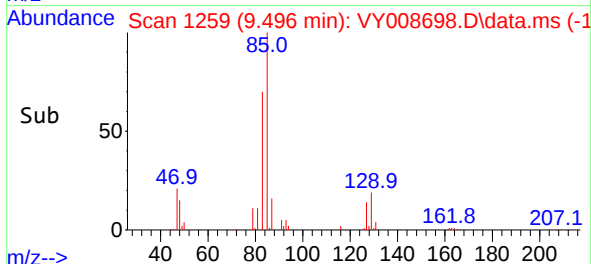
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



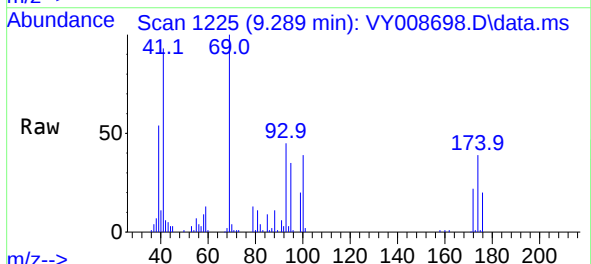
Tgt Ion: 83 Resp: 67408
Ion Ratio Lower Upper
83 100
85 63.4 51.9 77.9
127 8.7 6.6 10.0

Manual Integrations
APPROVED

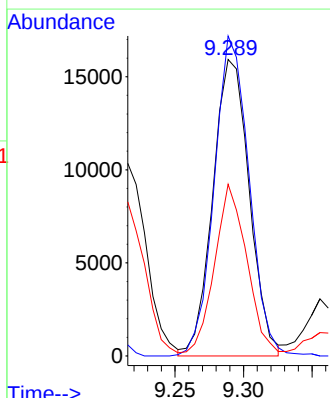
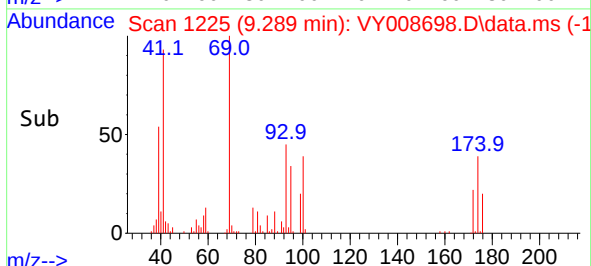
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

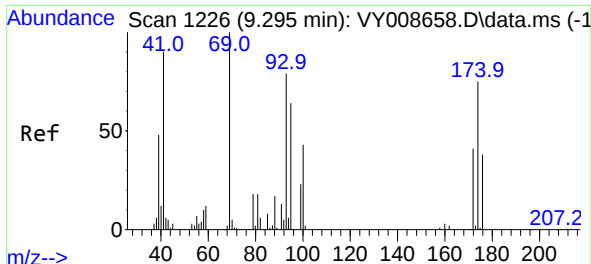


#48
Methyl methacrylate
Concen: 24.248 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



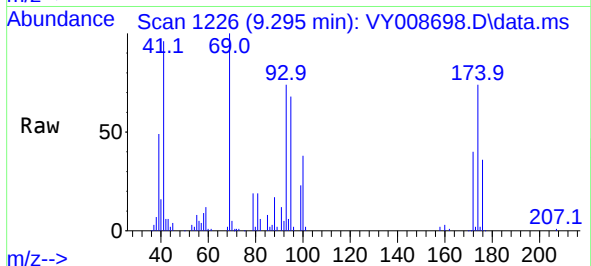
Tgt Ion: 41 Resp: 29513
Ion Ratio Lower Upper
41 100
69 103.0 58.2 87.2#
39 50.0 47.4 71.0





#49
1,4-Dioxane
Concen: 462.135 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

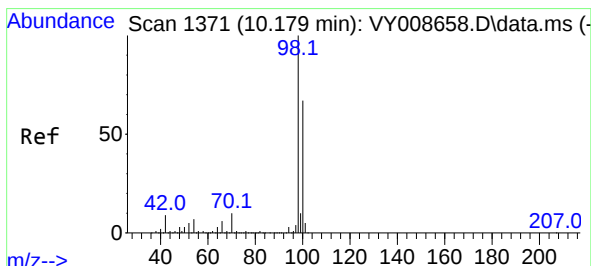
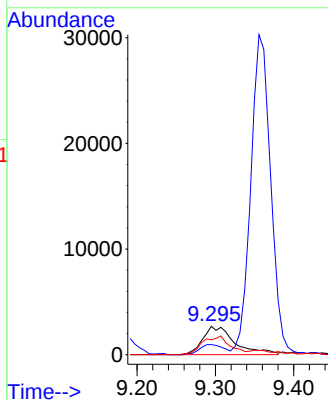
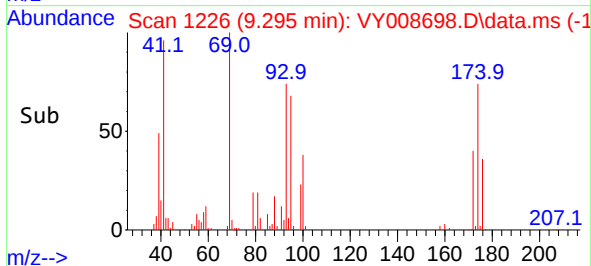
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



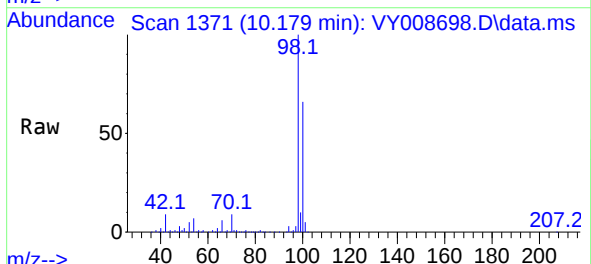
Tgt Ion: 88 Resp: 767
Ion Ratio Lower Upper
88 100
43 27.0 32.8 49.2
58 57.7 59.8 89.6

Manual Integrations
APPROVED

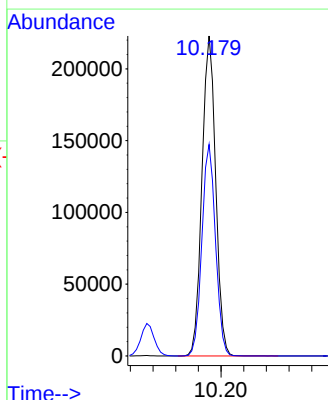
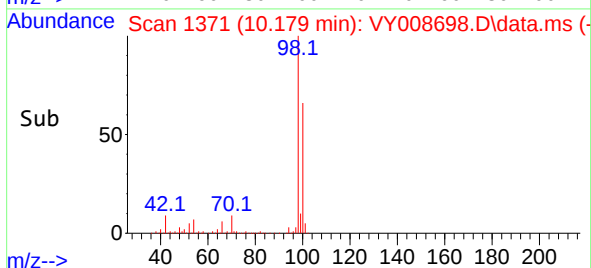
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

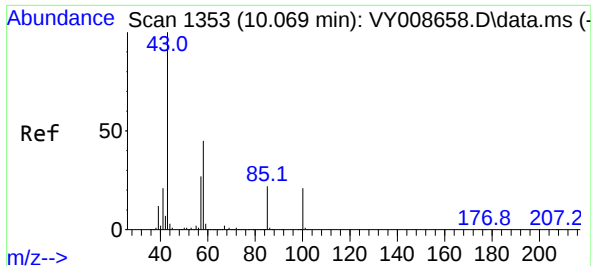


#50
Toluene-d8
Concen: 55.000 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



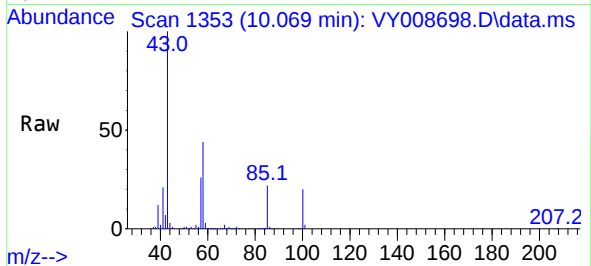
Tgt Ion: 98 Resp: 373411
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 125.146 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

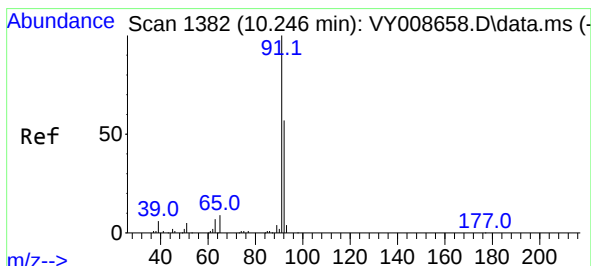
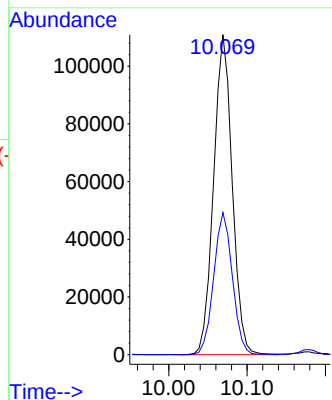
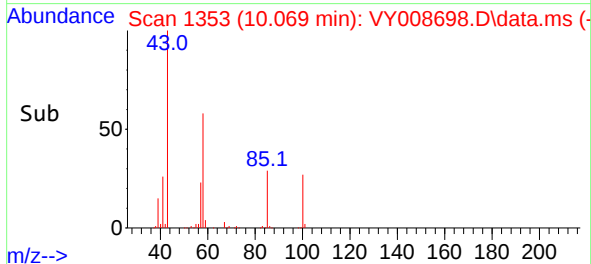
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



Tgt Ion: 43 Resp: 183008
Ion Ratio Lower Upper
43 100
58 44.5 28.1 42.1

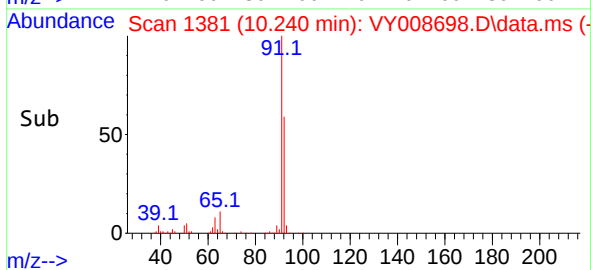
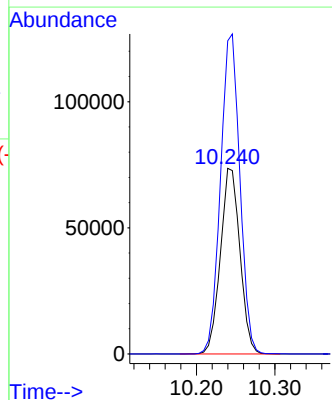
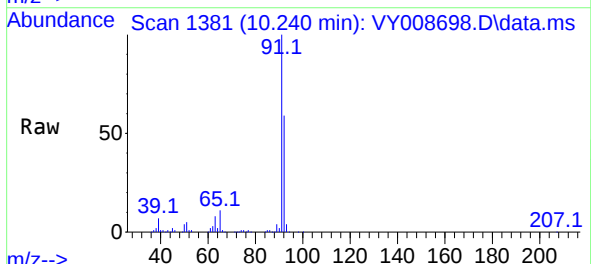
Manual Integrations
APPROVED

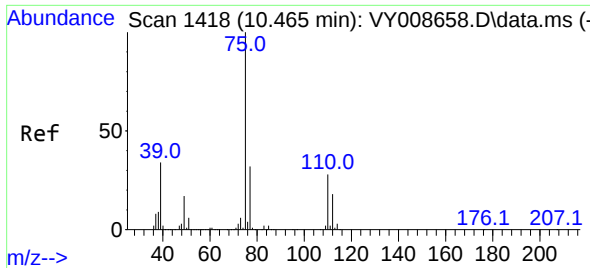
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#52
Toluene
Concen: 21.752 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

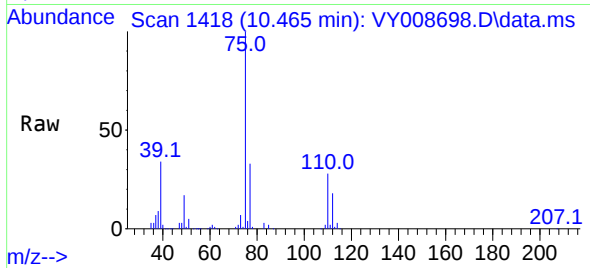
Tgt Ion: 92 Resp: 127361
Ion Ratio Lower Upper
92 100
91 171.2 142.6 213.8





#53
 t-1,3-Dichloropropene
 Concen: 22.150 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY008698.D
 Acq: 11 May 2022 11:45

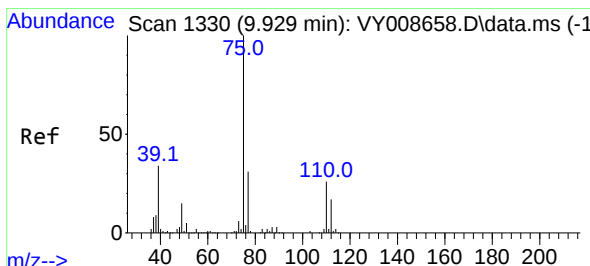
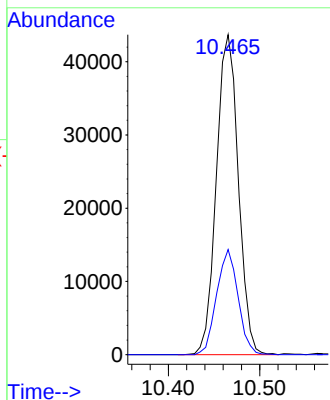
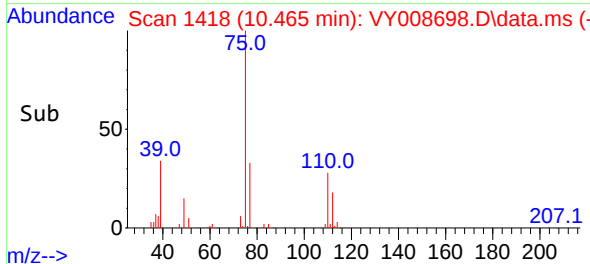
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01



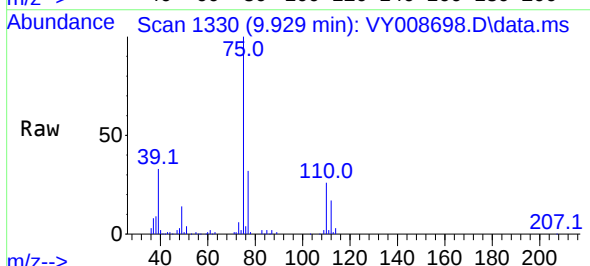
Tgt Ion: 75 Resp: 72990
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.2

Manual Integrations
 APPROVED

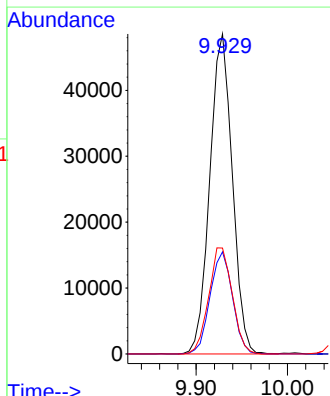
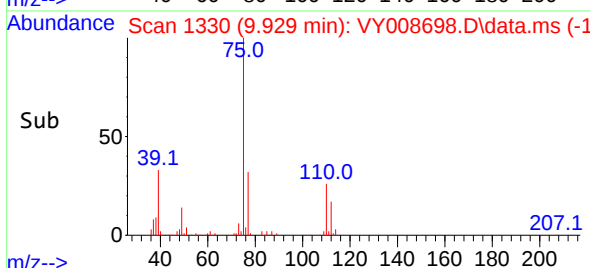
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/12/2022

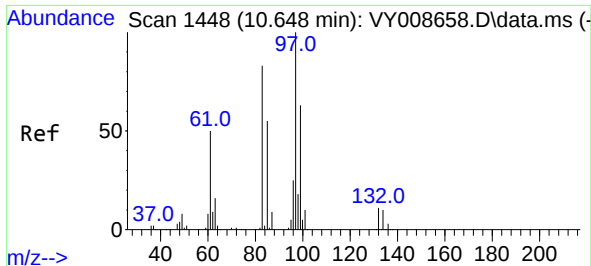


#54
 cis-1,3-Dichloropropene
 Concen: 22.099 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY008698.D
 Acq: 11 May 2022 11:45



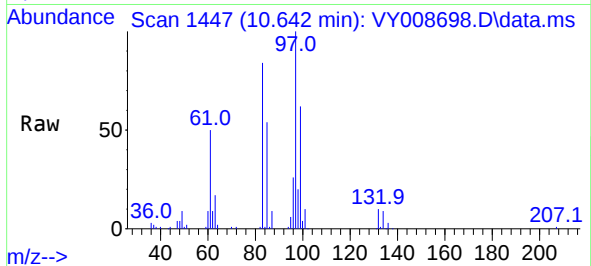
Tgt Ion: 75 Resp: 83108
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4
 39 33.1 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 22.742 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

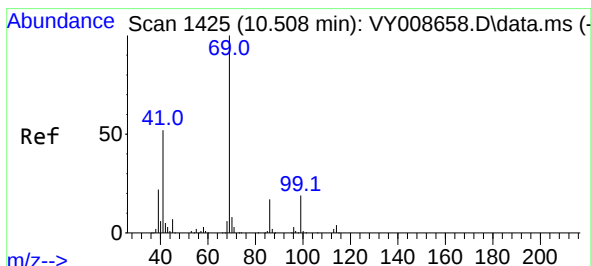
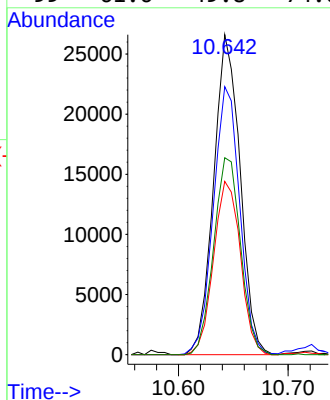
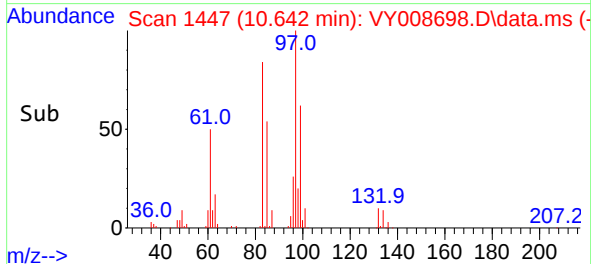
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



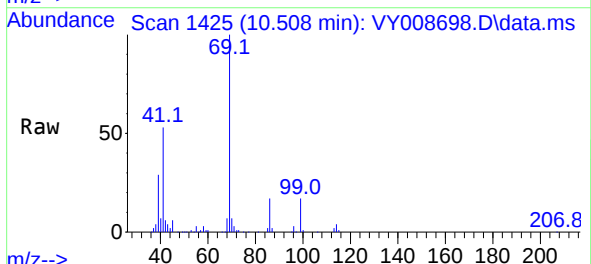
Tgt Ion:	97	Resp:	4454
Ion	Ratio	Lower	Upper
97	100		
83	83.8	69.8	104.8
85	54.2	44.3	66.5
99	61.6	49.8	74.6

Manual Integrations
APPROVED

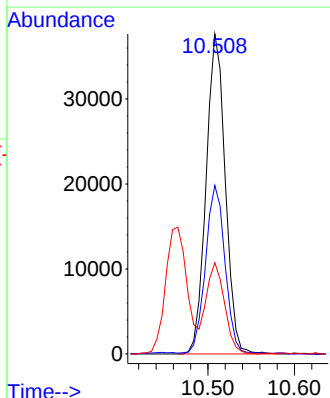
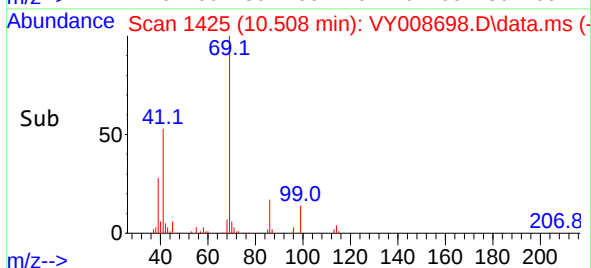
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

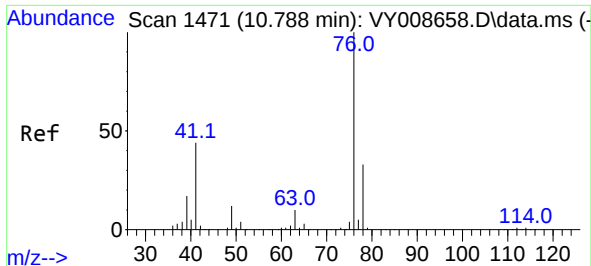


#56
Ethyl methacrylate
Concen: 23.358 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



Tgt Ion:	69	Resp:	57891
Ion	Ratio	Lower	Upper
69	100		
41	53.3	63.4	95.0#
39	27.0	35.8	53.8#





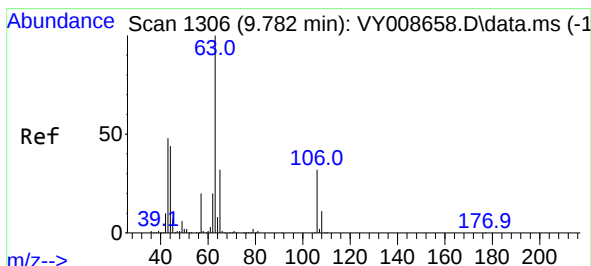
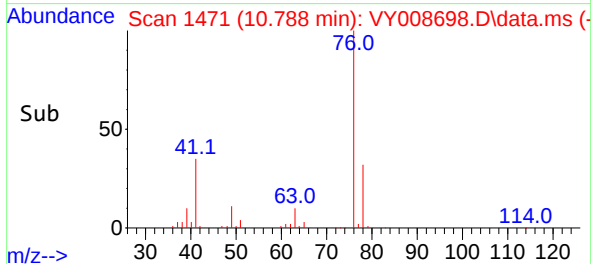
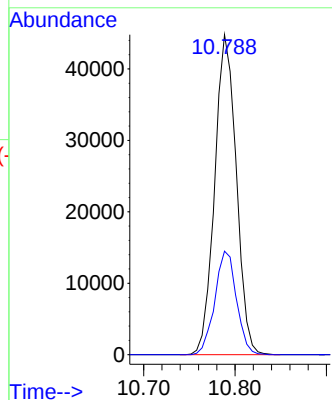
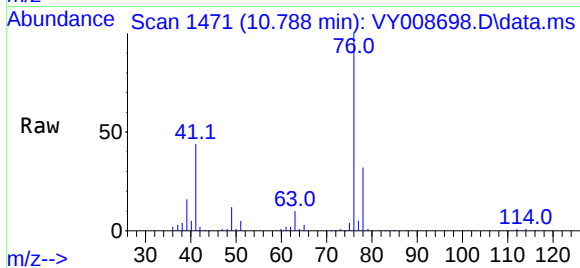
#57
1,3-Dichloropropane
Concen: 22.960 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tgt Ion: 76 Resp: 7355
Ion Ratio Lower Upper
76 100
78 32.4 25.0 37.6

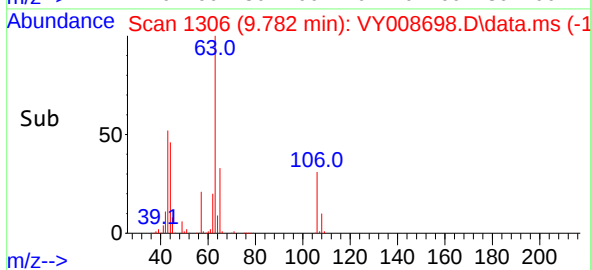
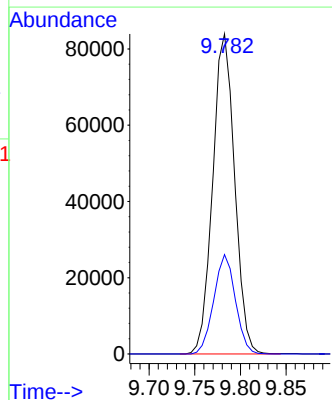
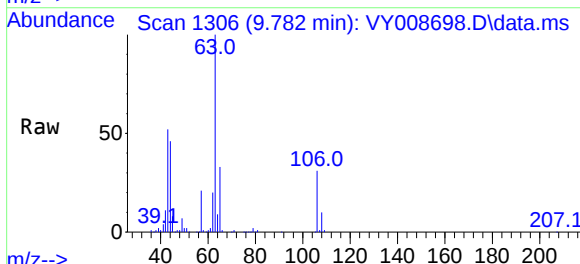
Manual Integrations
APPROVED

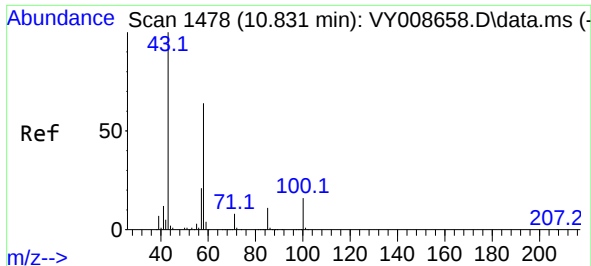
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#58
2-Chloroethyl Vinyl ether
Concen: 113.973 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

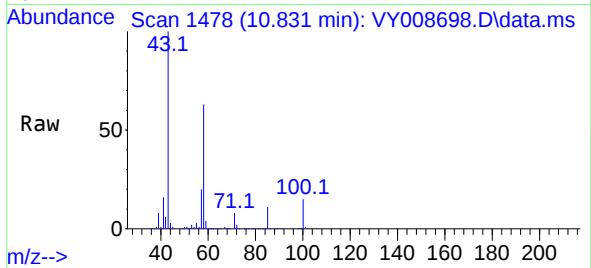
Tgt Ion: 63 Resp: 139864
Ion Ratio Lower Upper
63 100
106 30.5 21.5 32.3





#59
2-Hexanone
Concen: 126.360 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

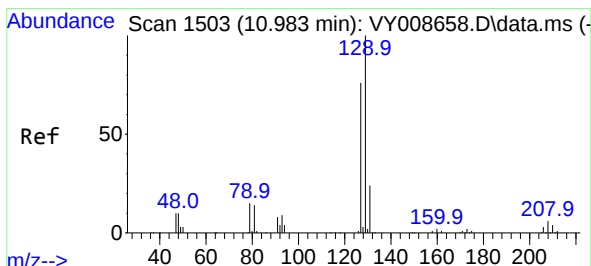
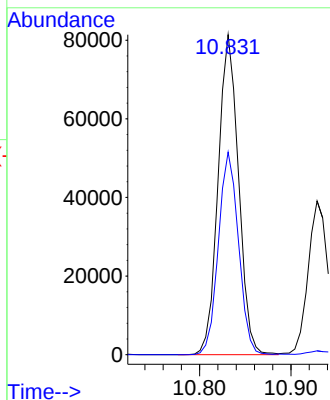
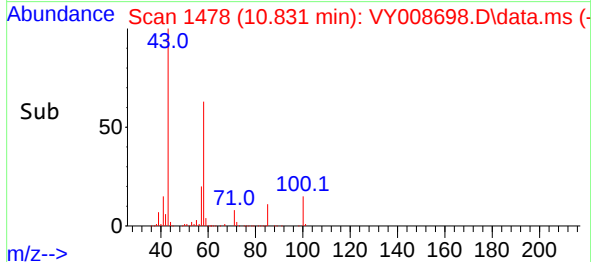
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



Tgt Ion: 43 Resp: 126558
Ion Ratio Lower Upper
43 100
58 62.4 24.4 73.4

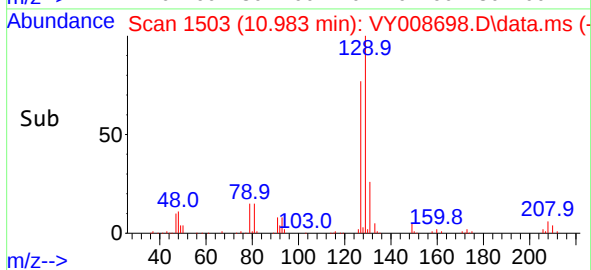
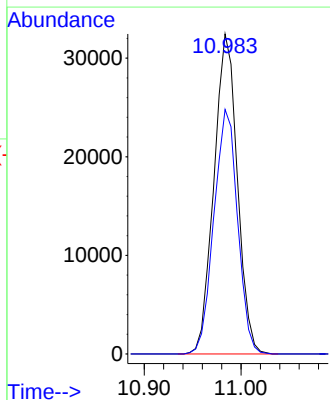
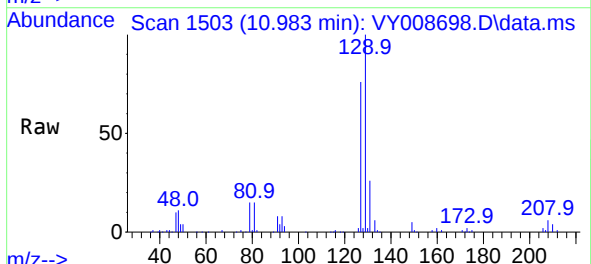
Manual Integrations
APPROVED

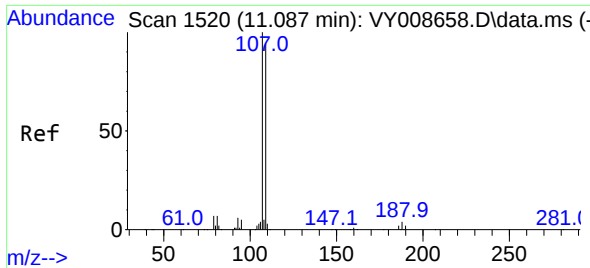
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#60
Dibromochloromethane
Concen: 22.906 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

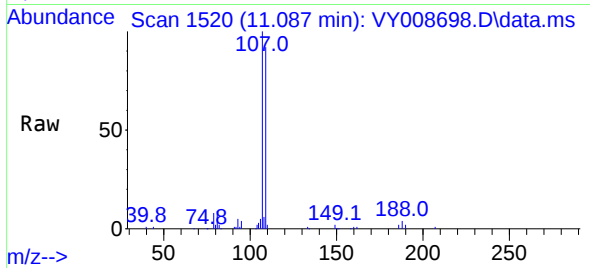
Tgt Ion:129 Resp: 54478
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





#61
1,2-Dibromoethane
Concen: 23.168 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

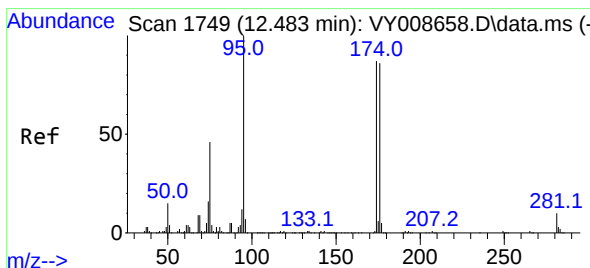
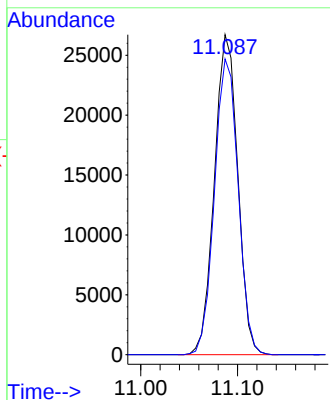
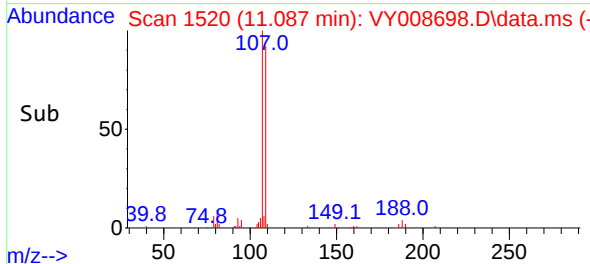
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



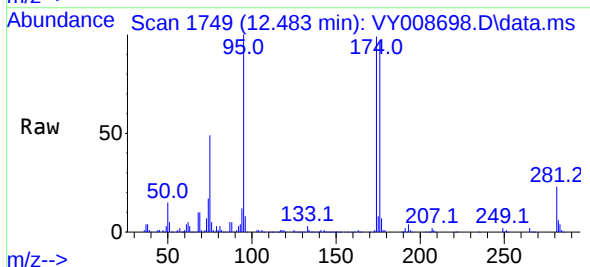
Tgt Ion:107 Resp: 44715
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2

Manual Integrations
APPROVED

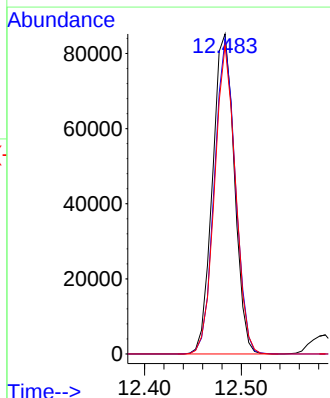
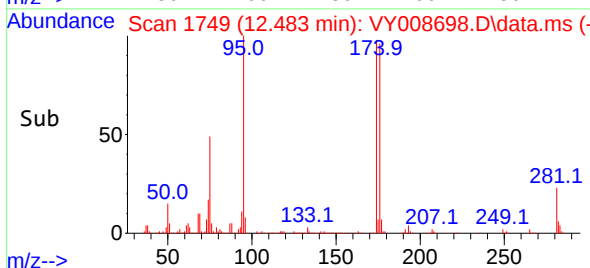
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

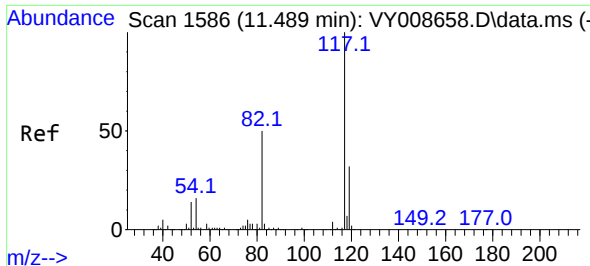


#62
4-Bromofluorobenzene
Concen: 54.590 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



Tgt Ion: 95 Resp: 133341
Ion Ratio Lower Upper
95 100
174 94.3 0.0 177.0
176 92.1 0.0 175.8





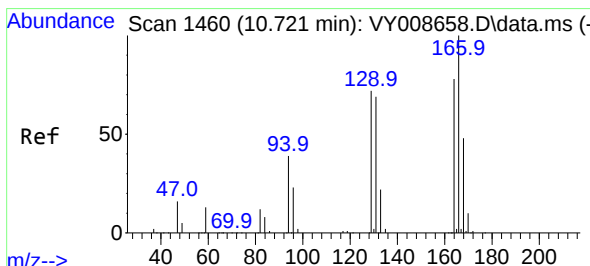
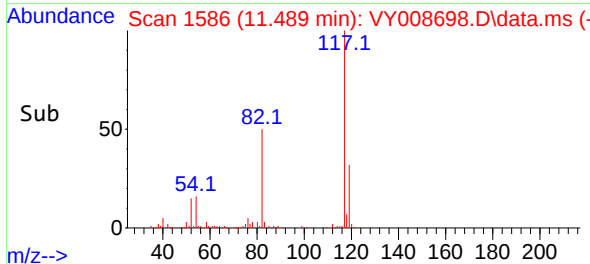
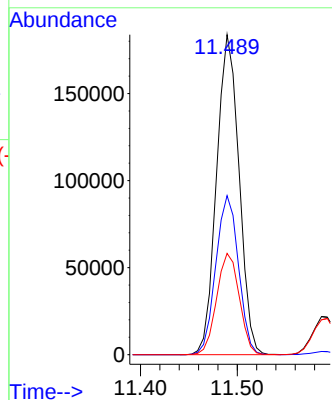
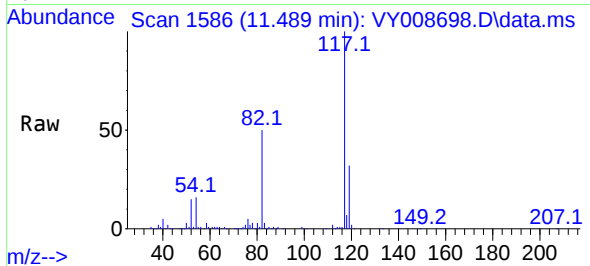
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tgt Ion:117 Resp: 29668
Ion Ratio Lower Upper
117 100
82 49.7 43.0 64.4
119 31.7 25.4 38.0

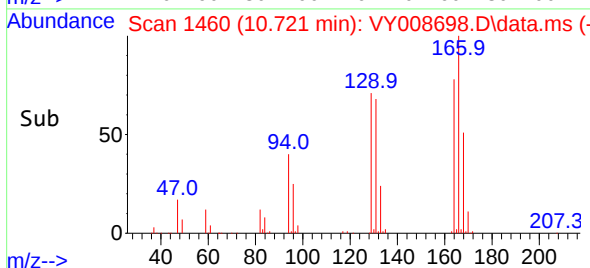
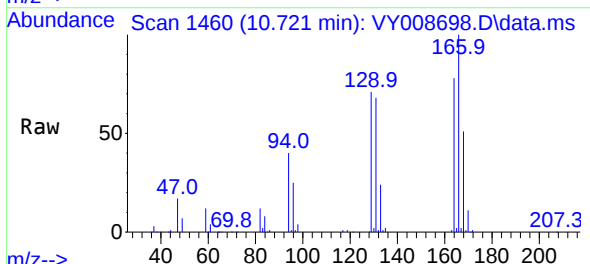
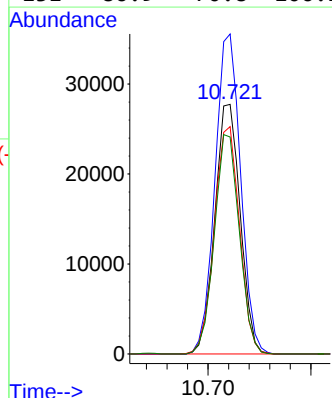
Manual Integrations
APPROVED

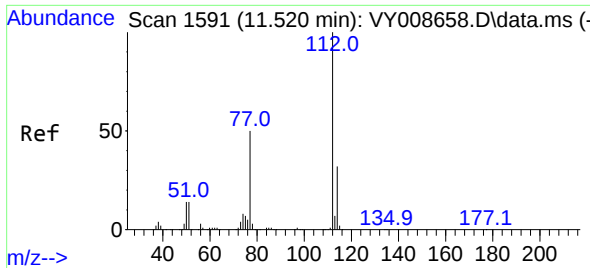
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#64
Tetrachloroethene
Concen: 20.597 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

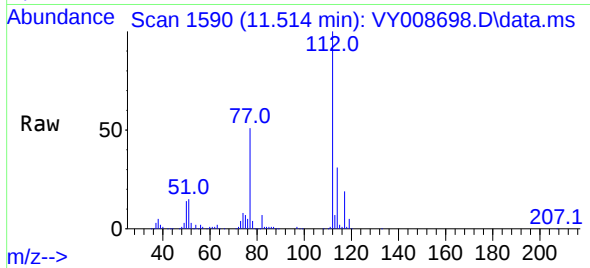
Tgt Ion:164 Resp: 47629
Ion Ratio Lower Upper
164 100
166 128.2 100.4 150.6
129 91.1 71.4 107.0
131 86.9 70.8 106.2





#65
Chlorobenzene
Concen: 21.326 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

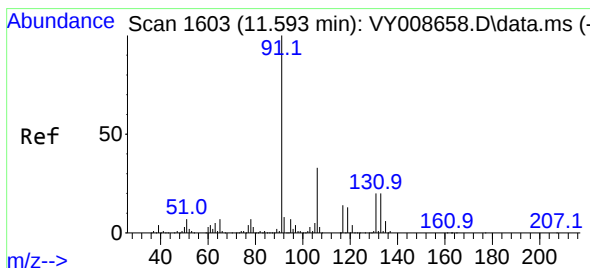
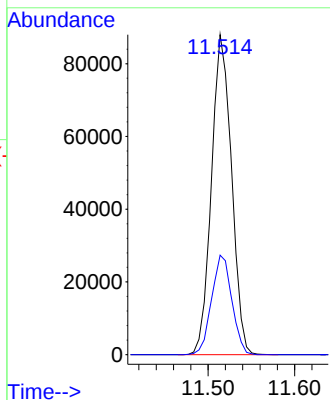
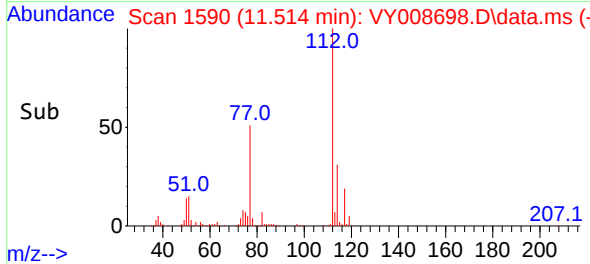
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



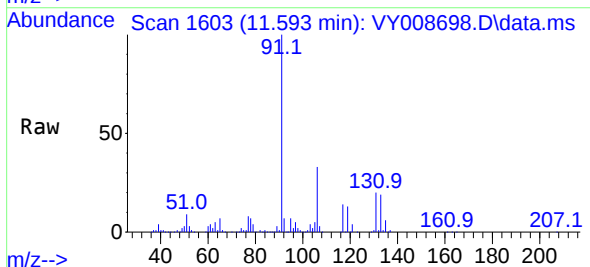
Tgt Ion:112 Resp: 14154
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6

Manual Integrations
APPROVED

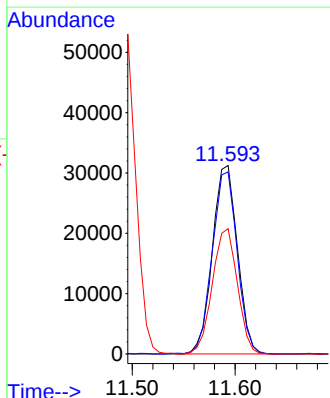
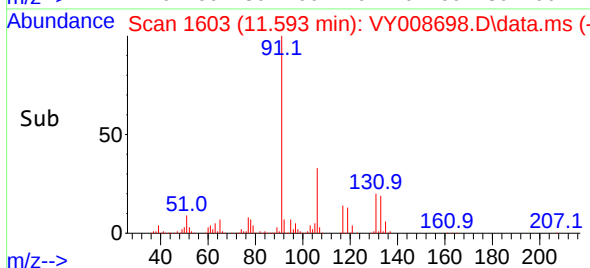
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

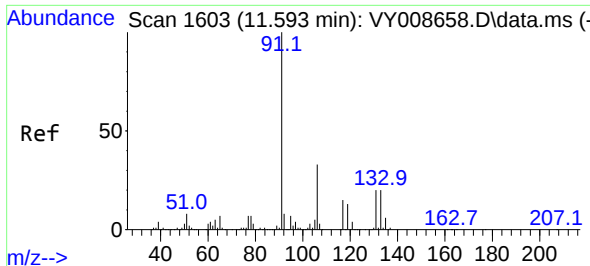


#66
1,1,1,2-Tetrachloroethane
Concen: 21.377 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



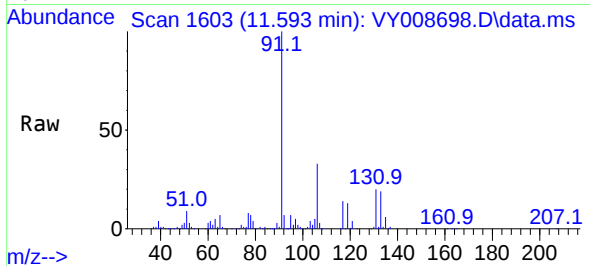
Tgt Ion:131 Resp: 52688
Ion Ratio Lower Upper
131 100
133 96.8 47.9 143.6
119 66.7 30.8 92.3





#67
Ethyl Benzene
Concen: 20.919 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

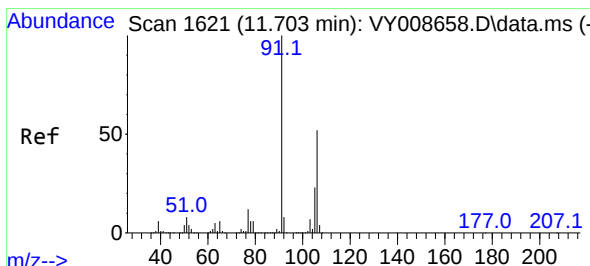
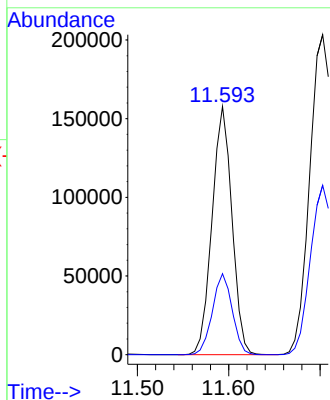
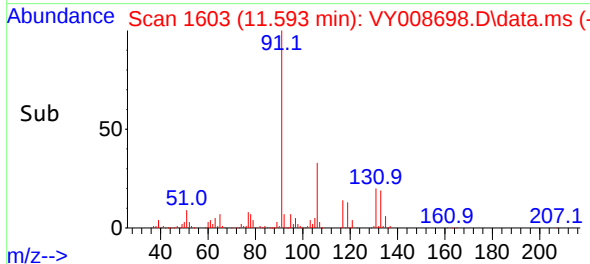
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



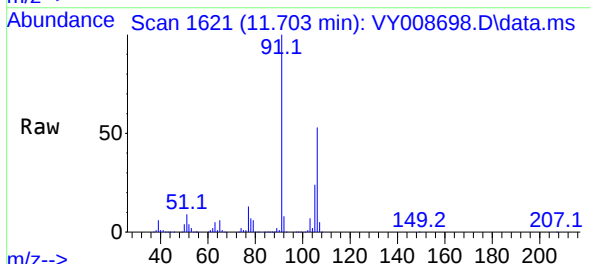
Tgt Ion: 91 Resp: 238590
Ion Ratio Lower Upper
91 100
106 32.6 24.5 36.7

Manual Integrations
APPROVED

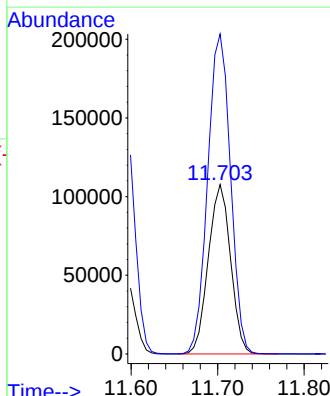
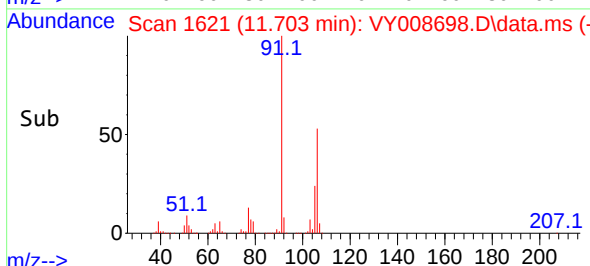
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

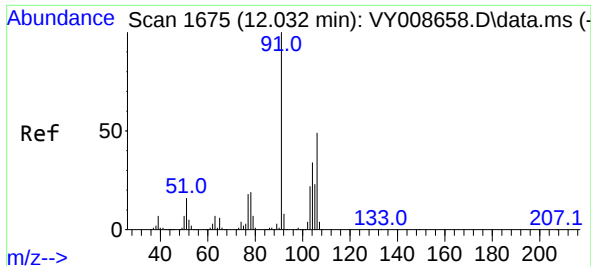


#68
m/p-Xylenes
Concen: 42.083 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



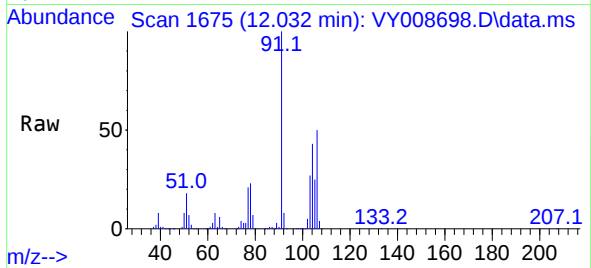
Tgt Ion:106 Resp: 192038
Ion Ratio Lower Upper
106 100
91 193.7 166.6 249.8





#69
o-Xylene
Concen: 21.154 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

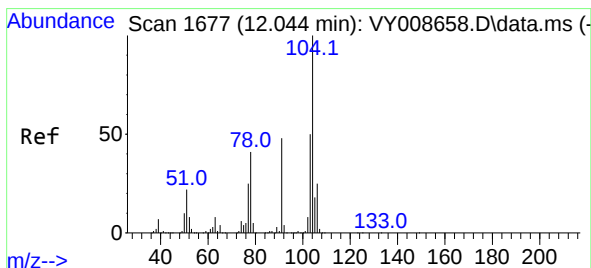
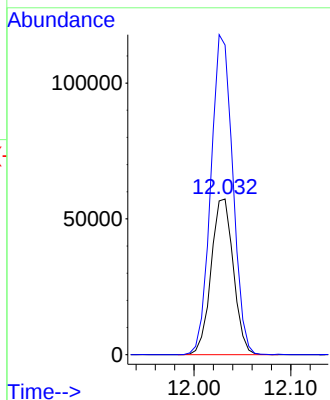
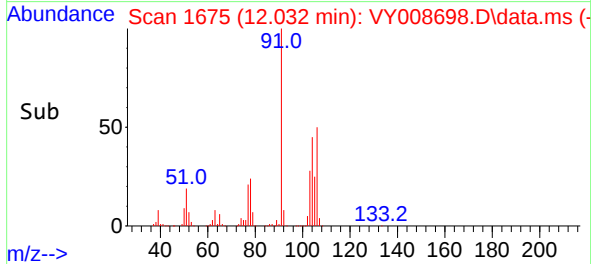
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



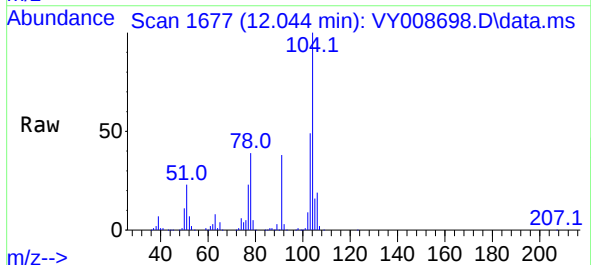
Tgt Ion:106 Resp: 91579
Ion Ratio Lower Upper
106 100
91 202.4 110.3 331.0

Manual Integrations
APPROVED

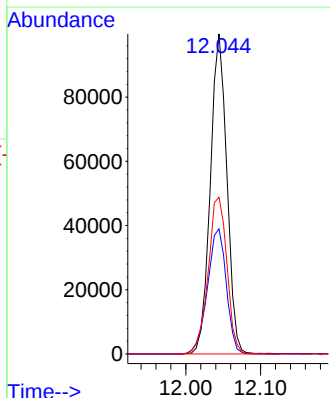
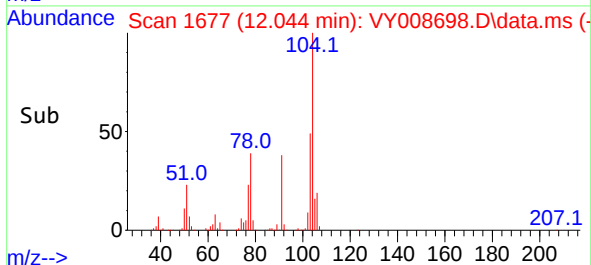
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

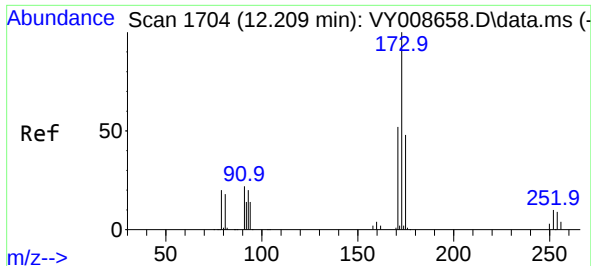


#70
Styrene
Concen: 21.354 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



Tgt Ion:104 Resp: 153492
Ion Ratio Lower Upper
104 100
78 44.4 42.4 63.6
103 55.5 44.4 66.6





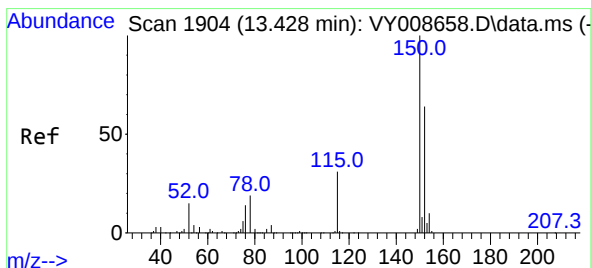
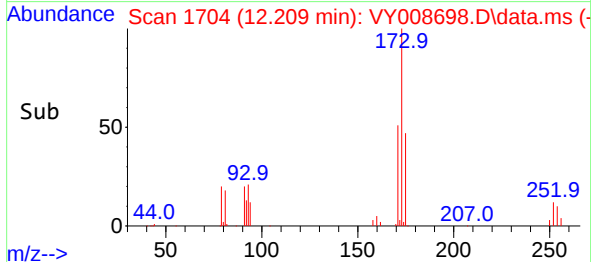
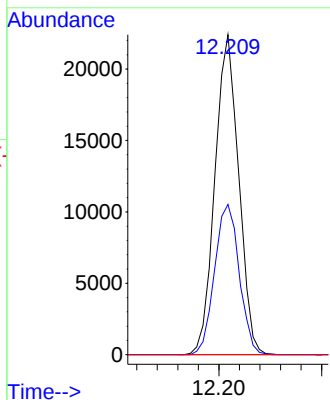
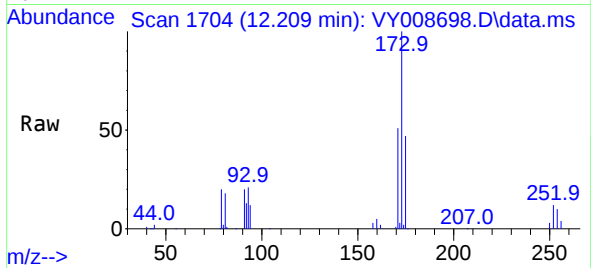
#71
Bromoform
Concen: 22.603 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tgt Ion:173 Resp: 3590
Ion Ratio Lower Upper
173 100
175 48.8 24.6 74.0
254 0.0 0.0 0.0

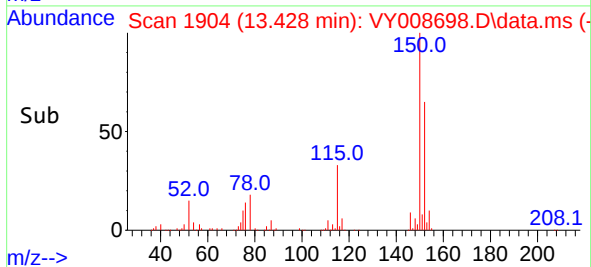
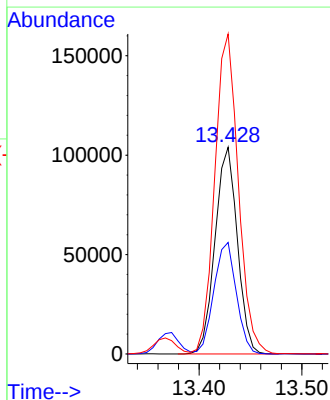
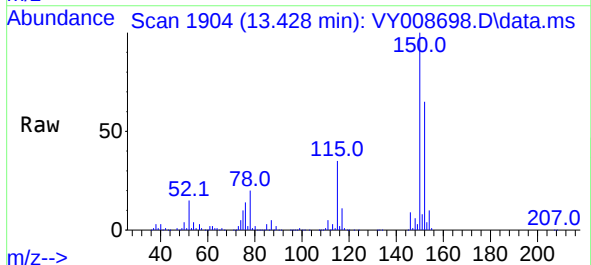
Manual Integrations
APPROVED

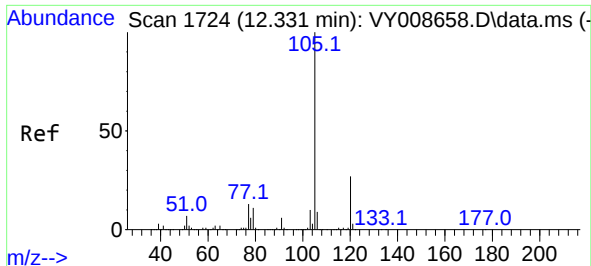
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

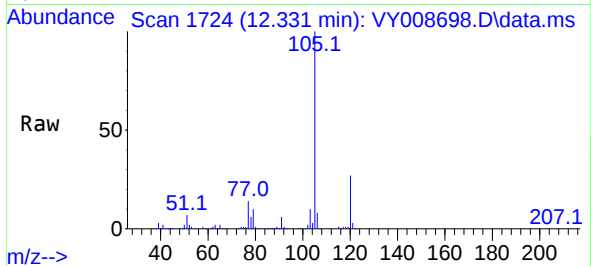
Tgt Ion:152 Resp: 156445
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 163.5 0.0 347.6





#73
Isopropylbenzene
Concen: 19.843 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

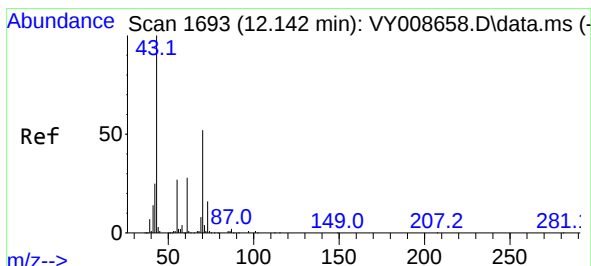
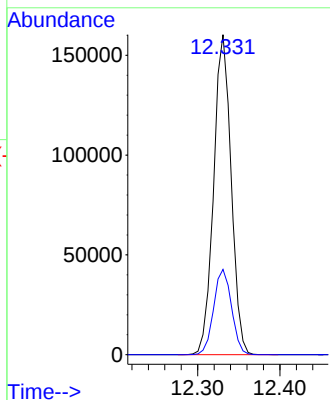
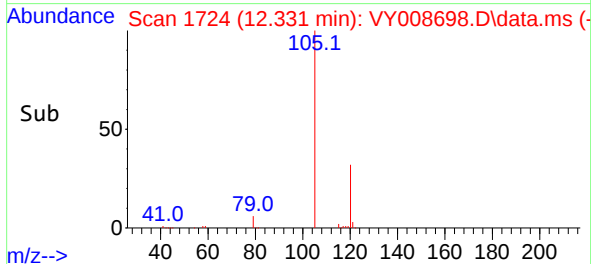
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



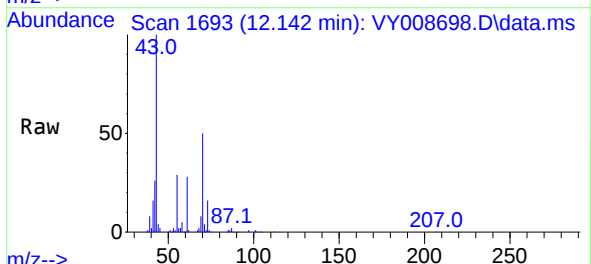
Tgt Ion:105 Resp: 237168
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

Manual Integrations
APPROVED

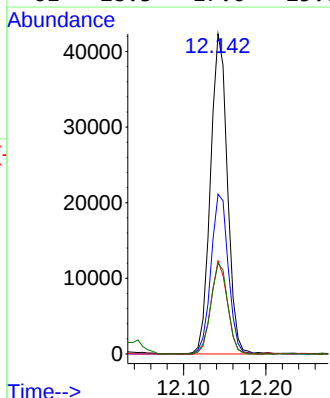
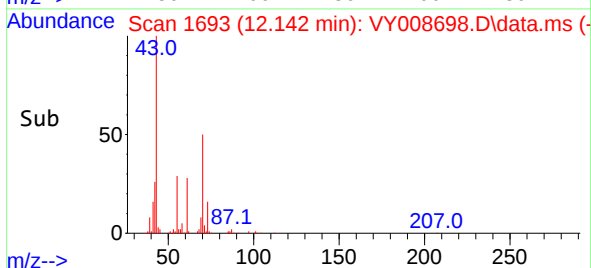
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

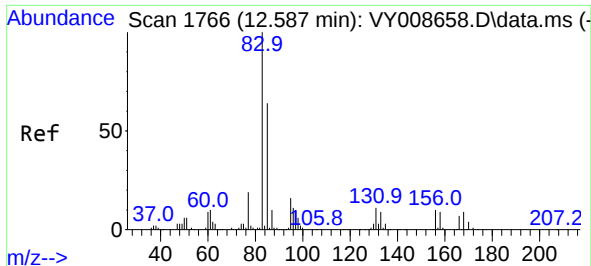


#74
N-ethyl acetate
Concen: 22.545 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



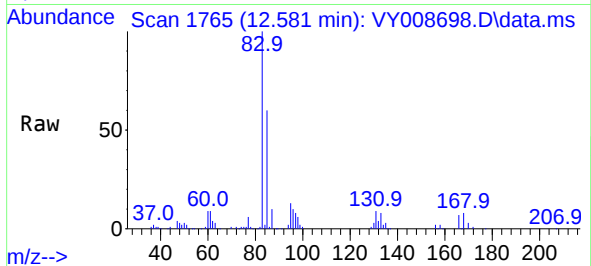
Tgt Ion: 43 Resp: 60503
Ion Ratio Lower Upper
43 100
70 51.0 28.7 43.1#
55 28.1 17.3 25.9#
61 28.3 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 22.636 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

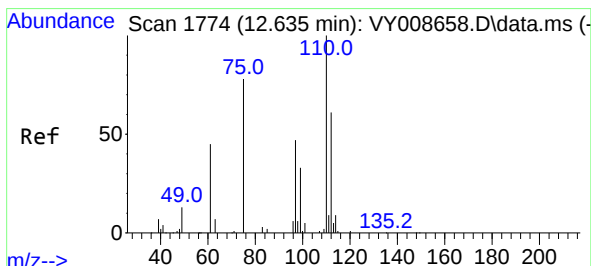
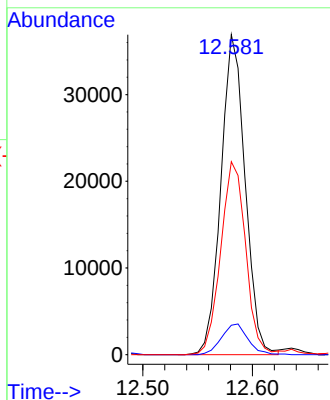
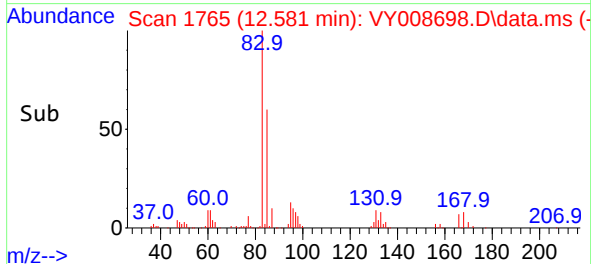
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



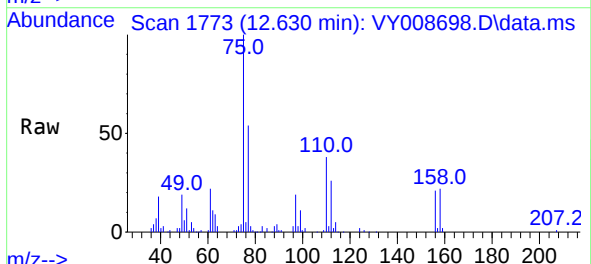
Tgt Ion: 83 Resp: 56630
Ion Ratio Lower Upper
83 100
131 10.4 5.6 16.8
85 62.5 32.3 96.8

Manual Integrations
APPROVED

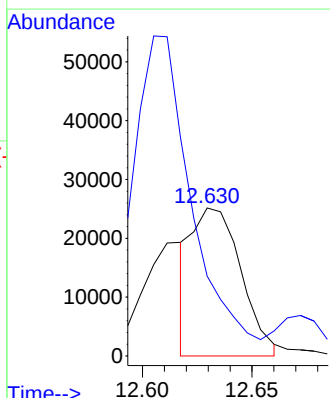
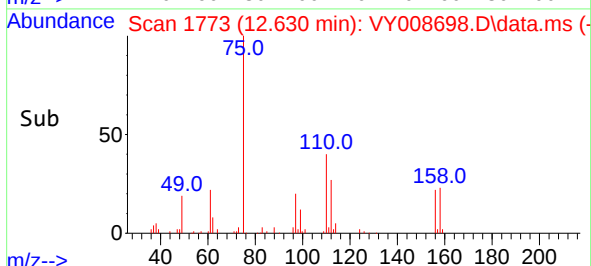
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

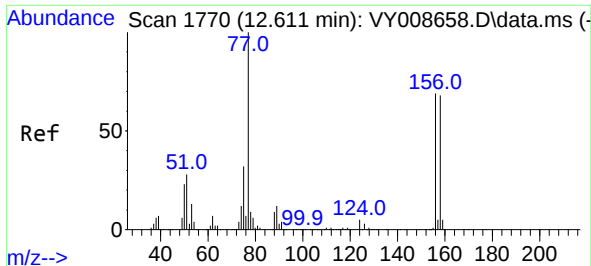


#76
1,2,3-Trichloropropane
Concen: 22.198 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



Tgt Ion: 75 Resp: 39147
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





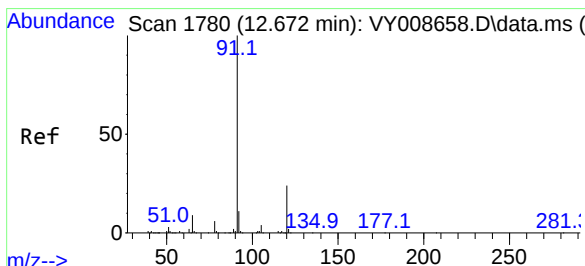
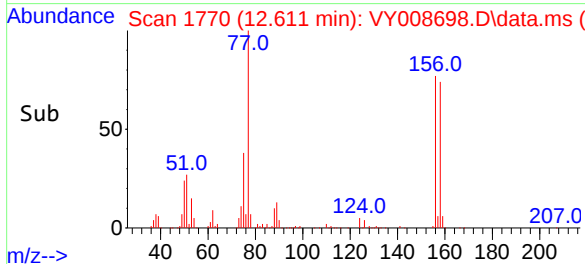
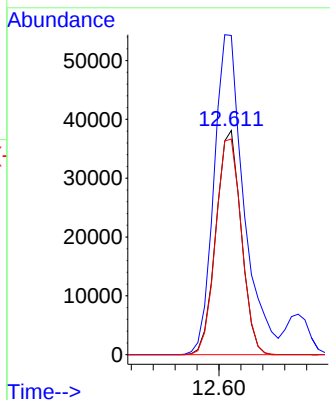
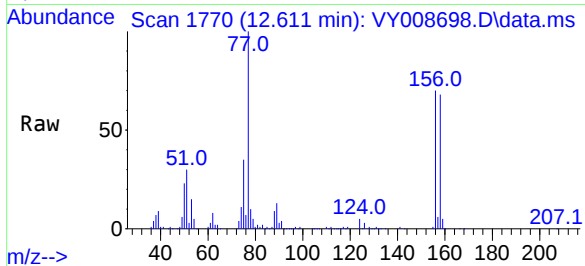
#77
Bromobenzene
Concen: 20.317 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tgt Ion:156 Resp: 60759
Ion Ratio Lower Upper
156 100
77 169.1 95.5 286.4
158 98.5 48.0 144.0

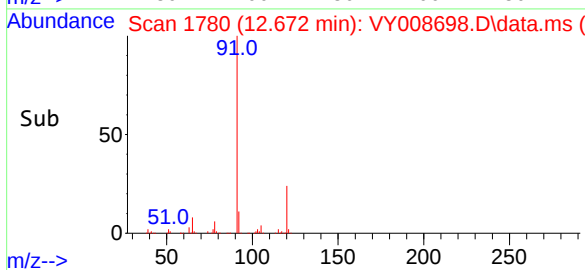
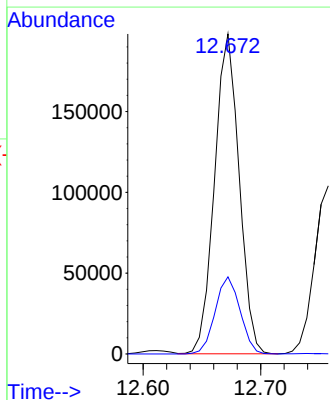
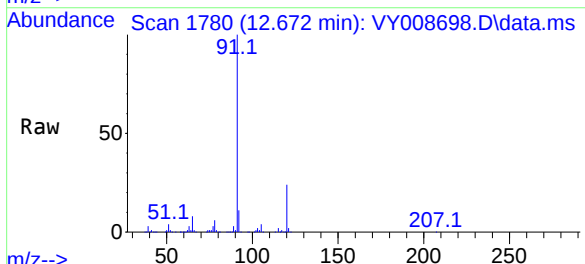
Manual Integrations
APPROVED

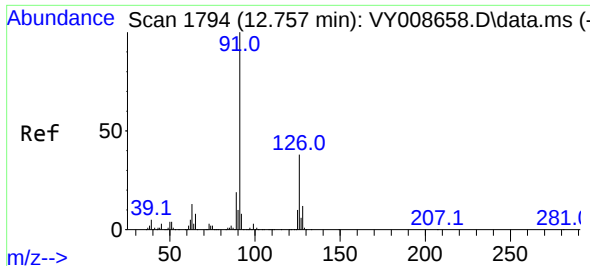
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#78
n-propylbenzene
Concen: 20.252 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Tgt Ion: 91 Resp: 287794
Ion Ratio Lower Upper
91 100
120 24.4 11.3 33.9





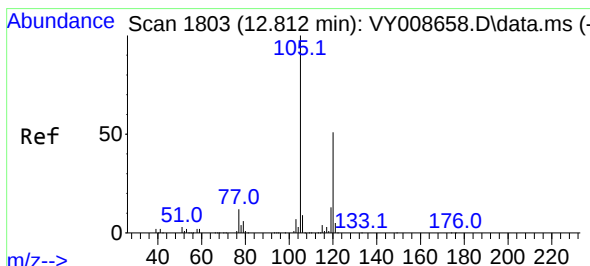
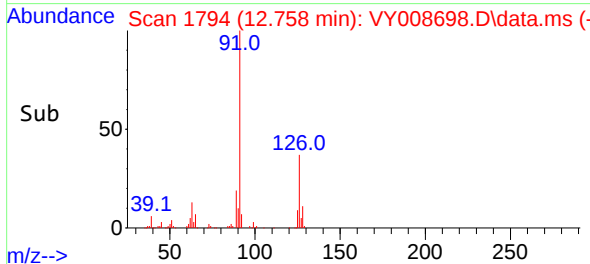
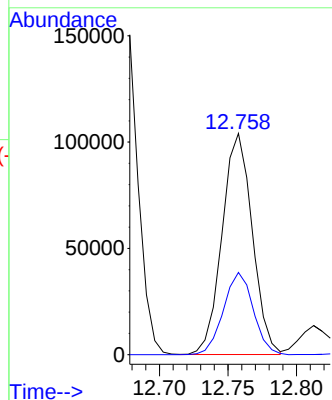
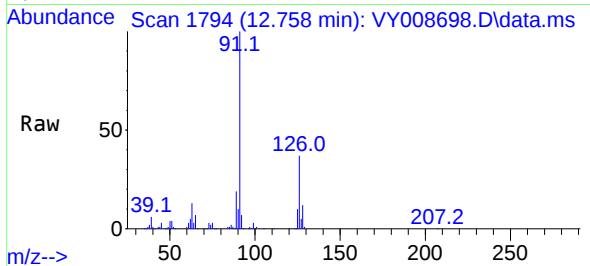
#79
2-Chlorotoluene
Concen: 20.275 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tgt Ion: 91 Resp: 15939
Ion Ratio Lower Upper
91 100
126 36.7 16.9 50.6

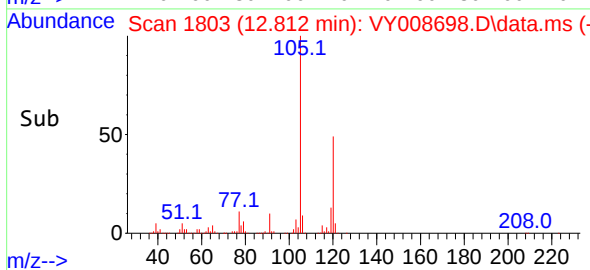
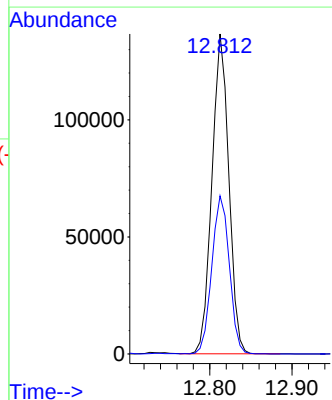
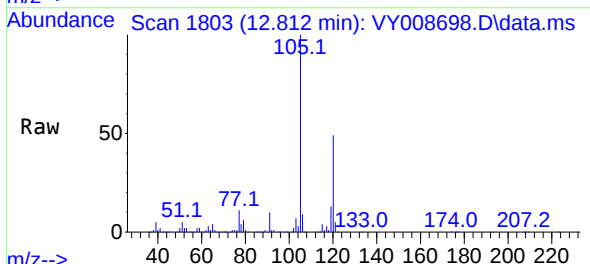
Manual Integrations
APPROVED

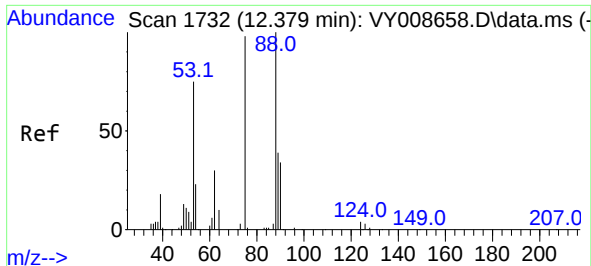
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.122 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

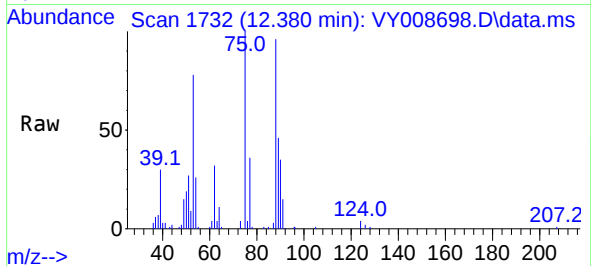
Tgt Ion:105 Resp: 194794
Ion Ratio Lower Upper
105 100
120 51.4 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 21.613 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

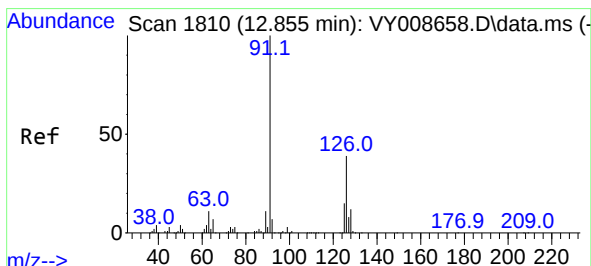
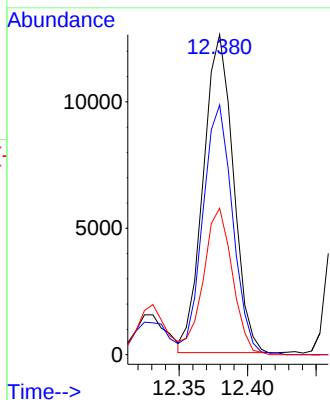
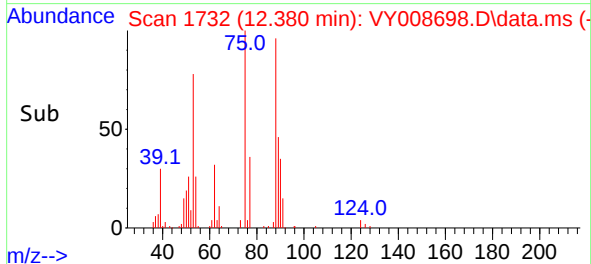
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



Tgt Ion: 75 Resp: 19158
Ion Ratio Lower Upper
75 100
53 78.2 85.3 127.9
89 44.8 37.0 55.4

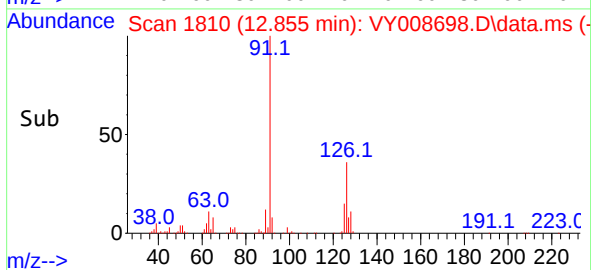
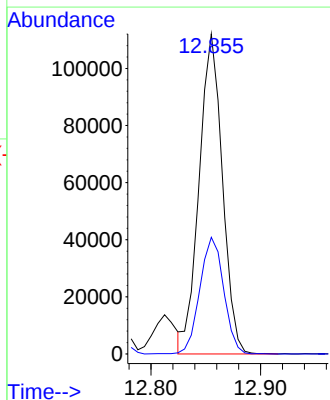
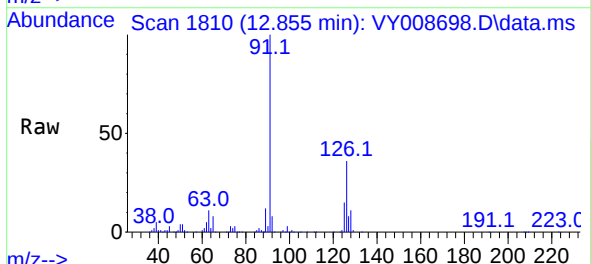
Manual Integrations
APPROVED

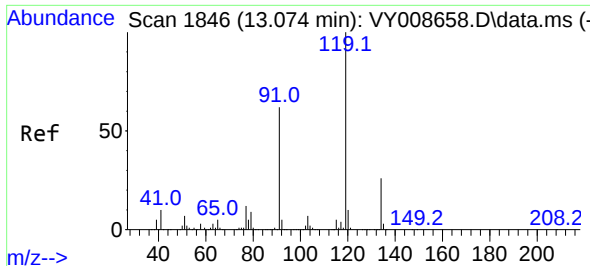
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#82
4-Chlorotoluene
Concen: 20.207 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Tgt Ion: 91 Resp: 164736
Ion Ratio Lower Upper
91 100
126 37.5 17.0 51.0





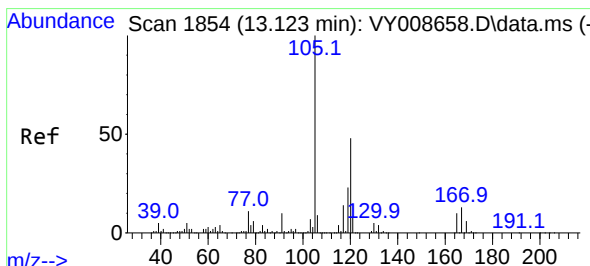
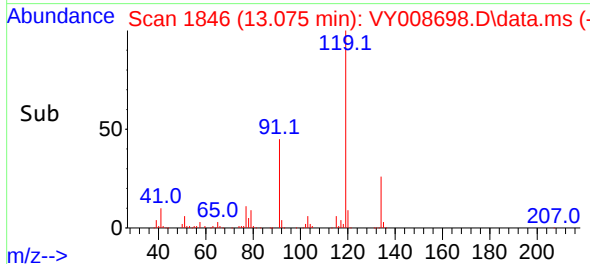
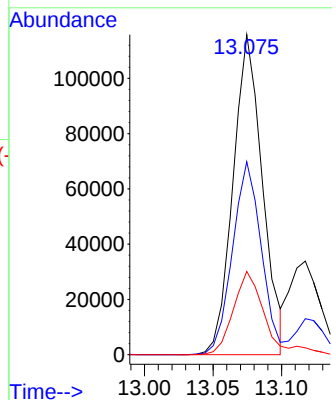
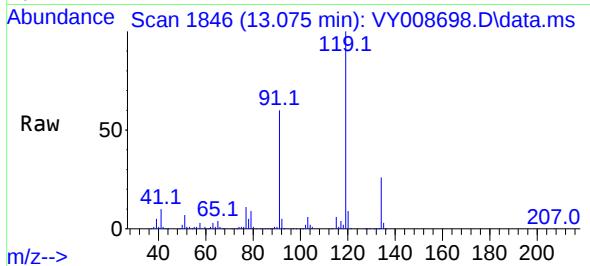
#83
tert-Butylbenzene
Concen: 19.964 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tgt Ion:119 Resp: 173375
Ion Ratio Lower Upper
119 100
91 58.9 34.8 104.4
134 27.7 13.3 39.9

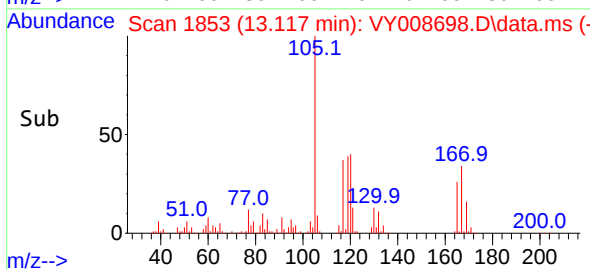
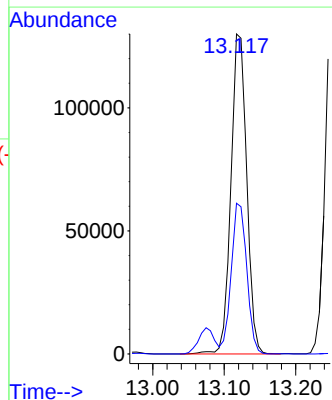
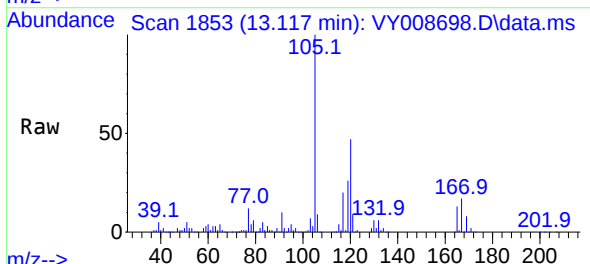
Manual Integrations
APPROVED

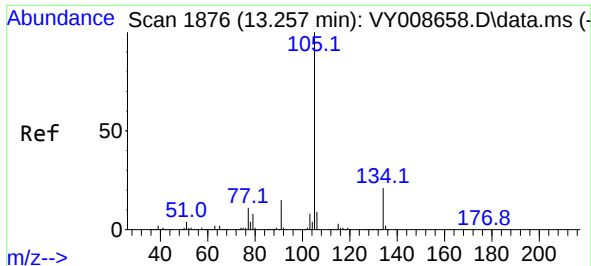
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.821 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

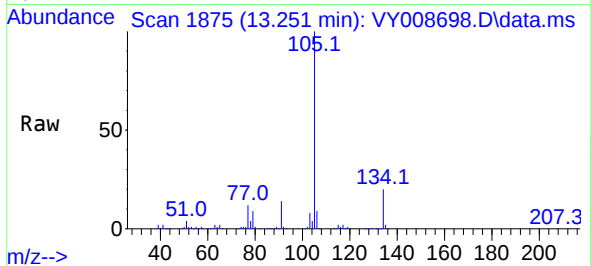
Tgt Ion:105 Resp: 199048
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 20.293 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY008698.D
 Acq: 11 May 2022 11:45

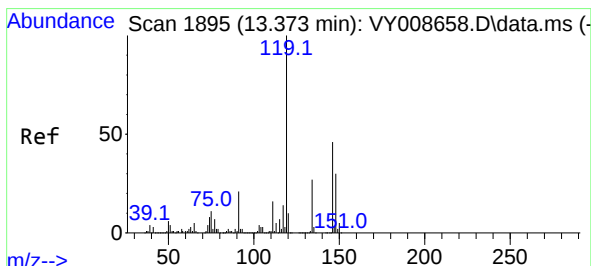
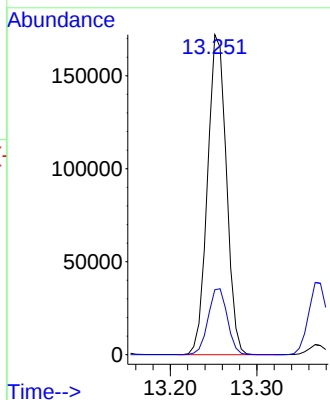
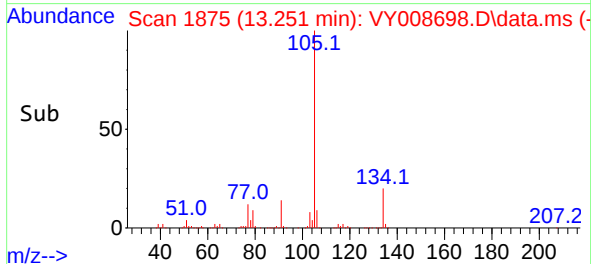
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBS01



Tgt Ion:105 Resp: 26046
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4

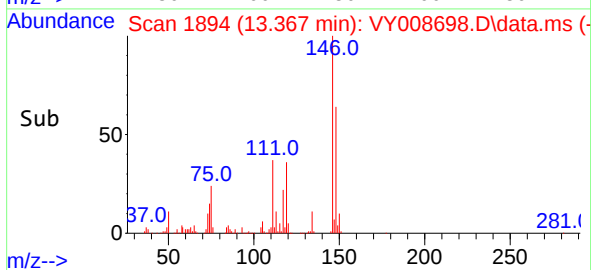
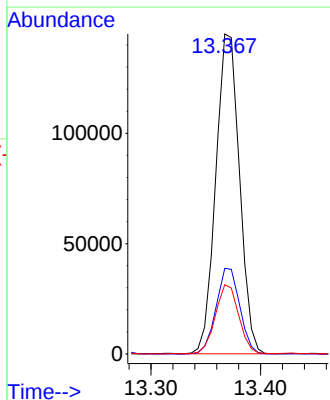
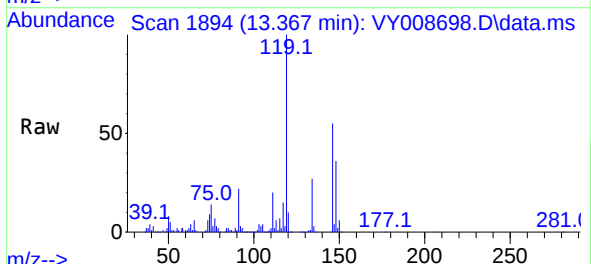
Manual Integrations
 APPROVED

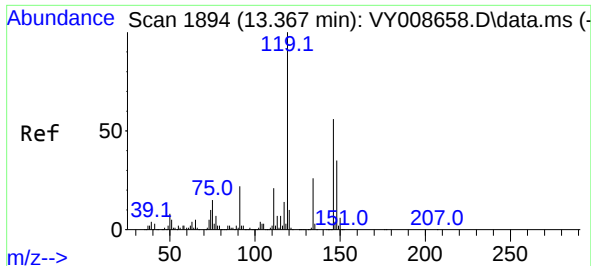
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/12/2022



#86
 p-Isopropyltoluene
 Concen: 20.418 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY008698.D
 Acq: 11 May 2022 11:45

Tgt Ion:119 Resp: 217774
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 21.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.631 ug/l

RT: 13.367 min Scan# 11934

Delta R.T. 0.000 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

Tgt Ion:146 Resp: 11934

Ion Ratio Lower Upper

146 100

111 37.0 19.5 58.5

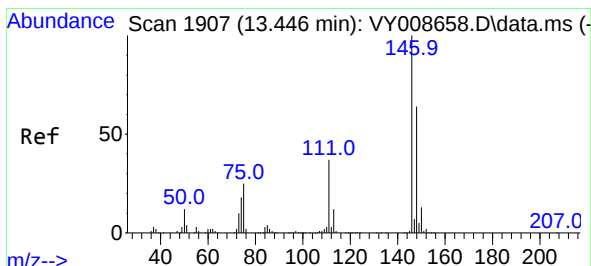
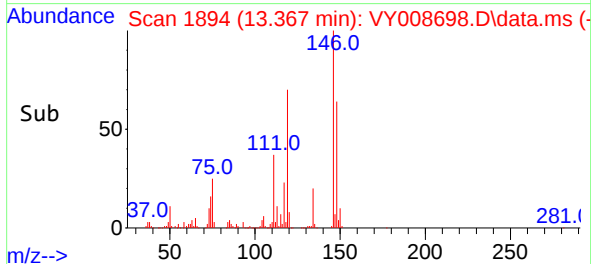
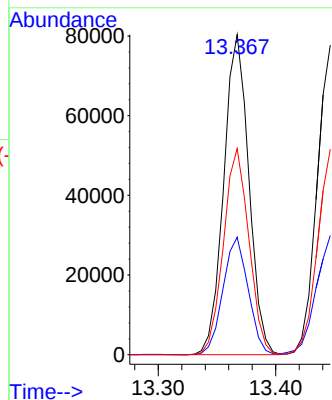
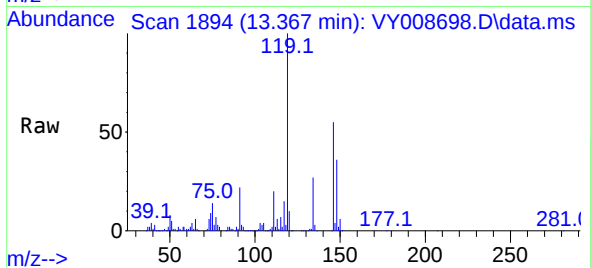
148 65.3 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#88

1,4-Dichlorobenzene

Concen: 20.871 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

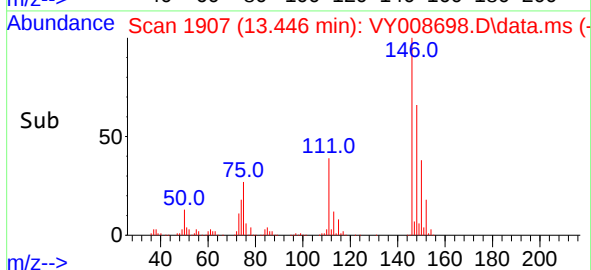
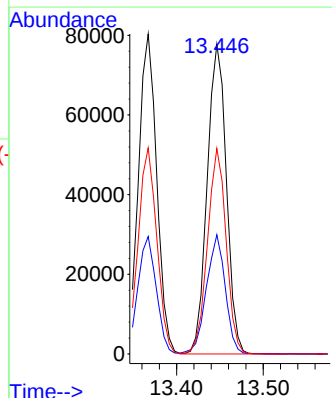
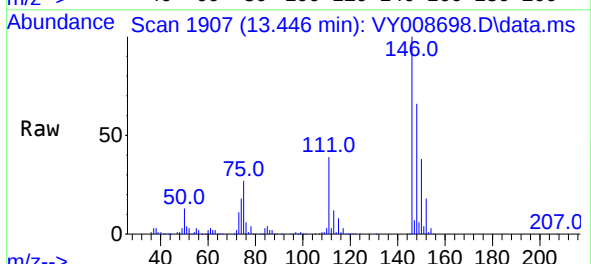
Tgt Ion:146 Resp: 119712

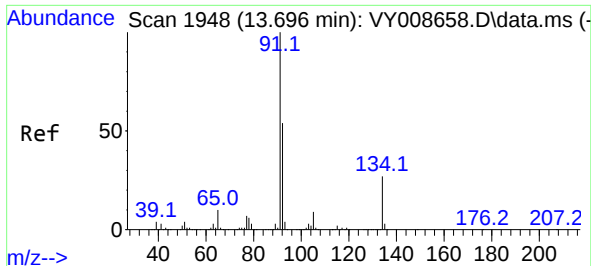
Ion Ratio Lower Upper

146 100

111 38.0 19.3 57.8

148 64.5 32.6 97.8





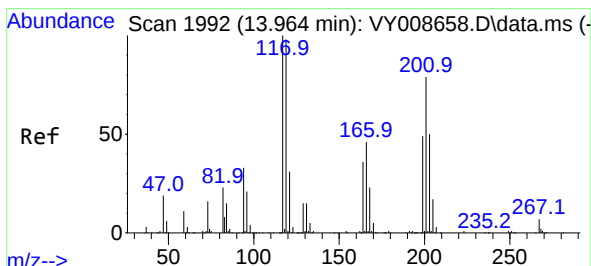
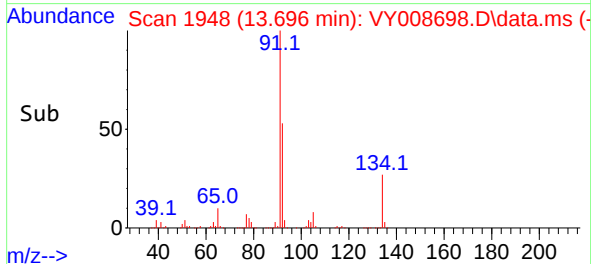
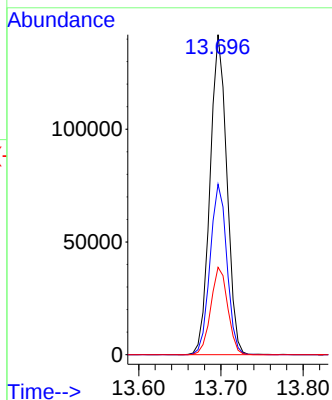
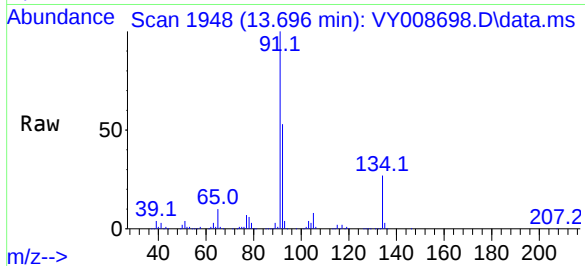
#89
n-Butylbenzene
Concen: 20.654 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tgt Ion: 91 Resp: 20160
Ion Ratio Lower Upper
91 100
92 53.3 26.3 78.9
134 27.5 13.0 38.9

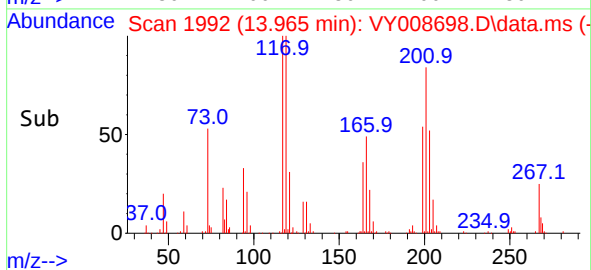
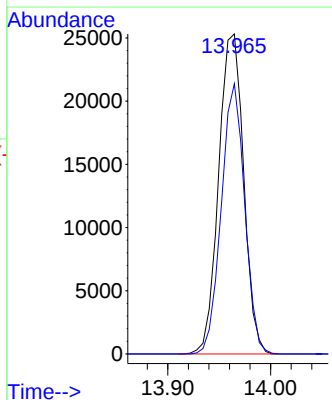
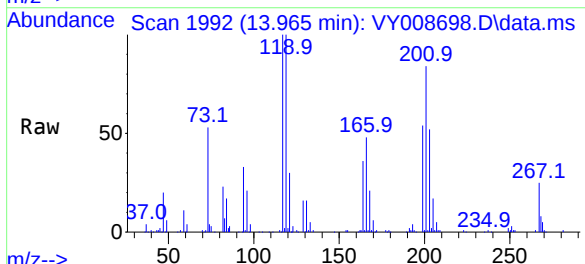
Manual Integrations
APPROVED

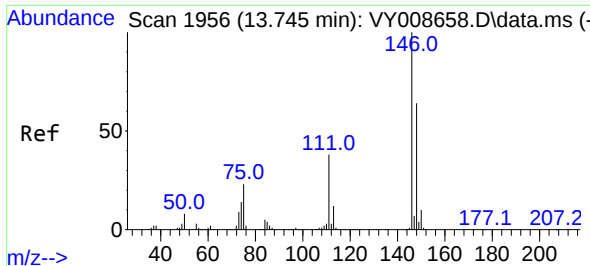
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#90
Hexachloroethane
Concen: 20.605 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.001 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Tgt Ion:117 Resp: 42670
Ion Ratio Lower Upper
117 100
201 79.0 43.0 128.8





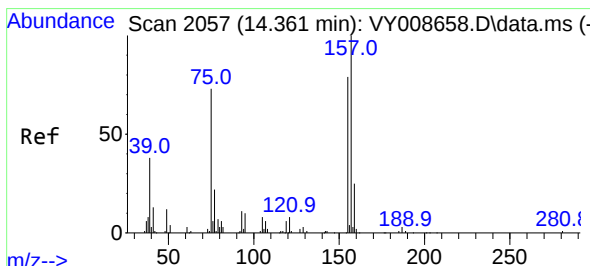
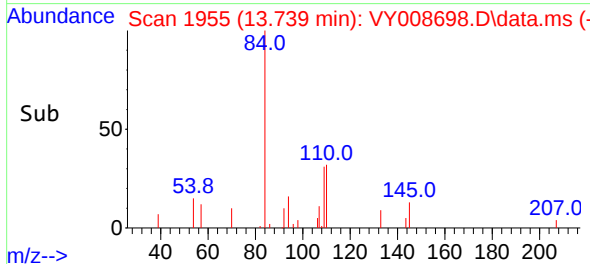
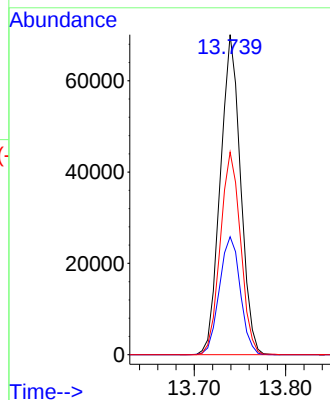
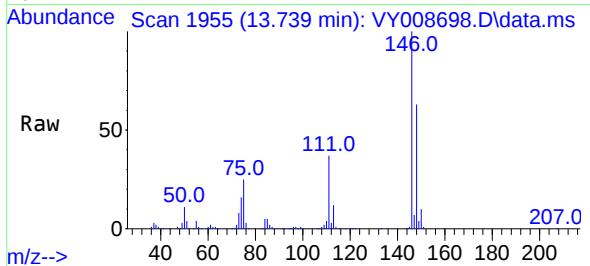
#91
1,2-Dichlorobenzene
Concen: 21.015 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01

Tgt Ion:146 Resp: 107825
Ion Ratio Lower Upper
146 100
111 38.1 20.3 60.9
148 63.5 32.3 96.9

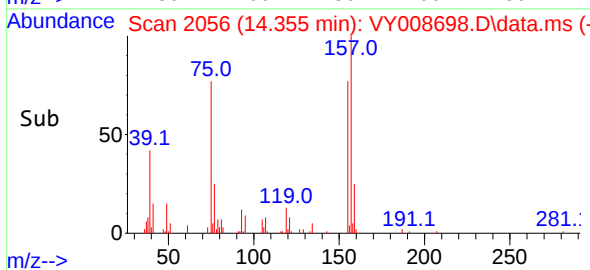
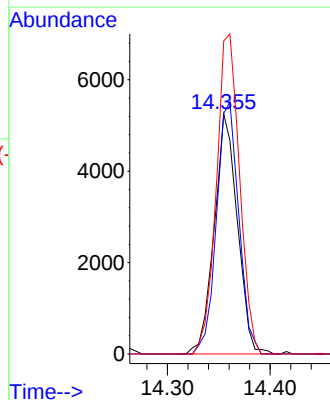
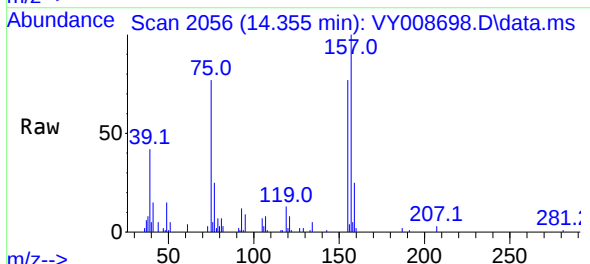
Manual Integrations
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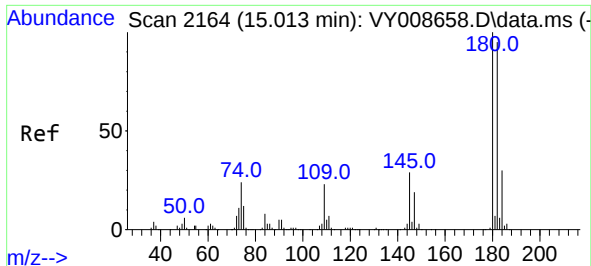
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.119 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

Tgt Ion: 75 Resp: 8190
Ion Ratio Lower Upper
75 100
155 101.1 38.0 113.9
157 134.0 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 20.855 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBS01

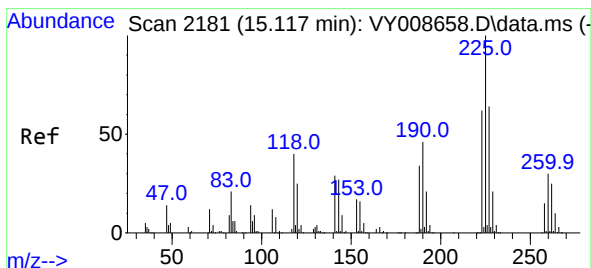
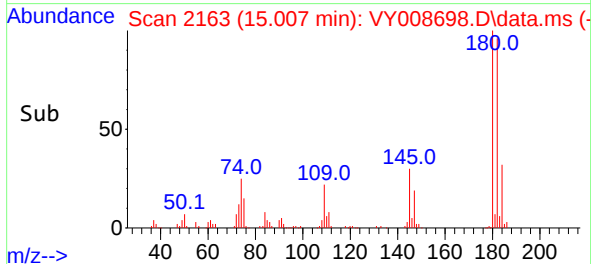
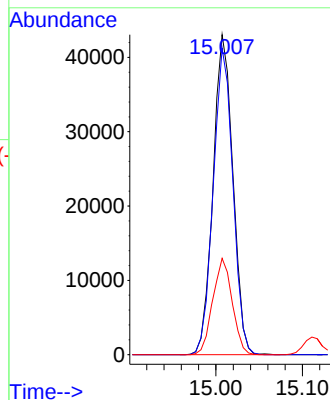
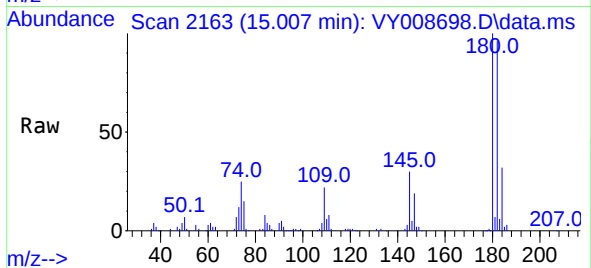
Tgt Ion:180	Resp:	6835
Ion Ratio	Lower	Upper
180	100	
182	94.9	47.3 141.9
145	29.5	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/12/2022



#94

Hexachlorobutadiene

Concen: 20.466 ug/l

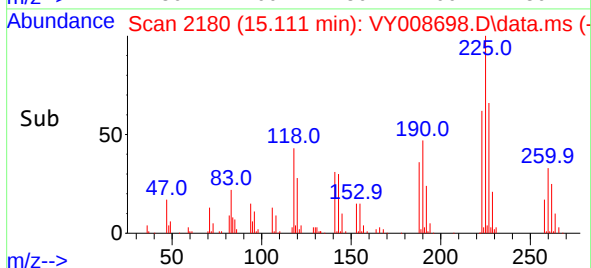
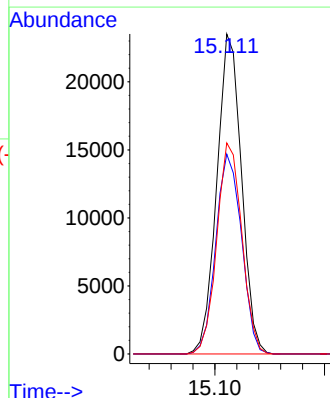
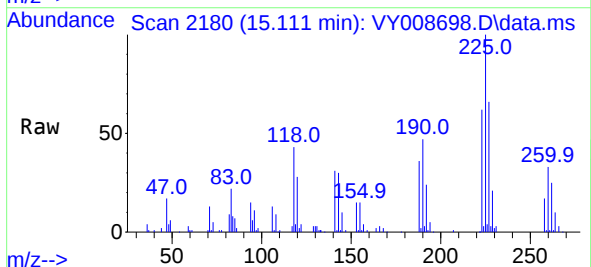
RT: 15.111 min Scan# 2180

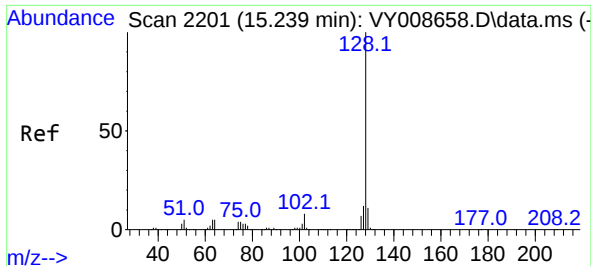
Delta R.T. -0.006 min

Lab File: VY008698.D

Acq: 11 May 2022 11:45

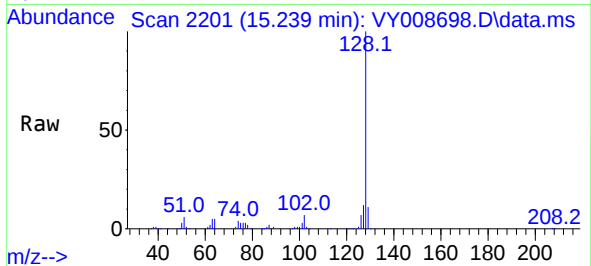
Tgt Ion:225	Resp:	36760
Ion Ratio	Lower	Upper
225	100	
223	65.1	30.8 92.3
227	67.0	31.6 94.7





#95
Naphthalene
Concen: 21.872 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45

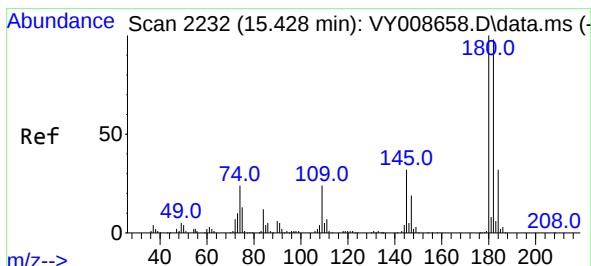
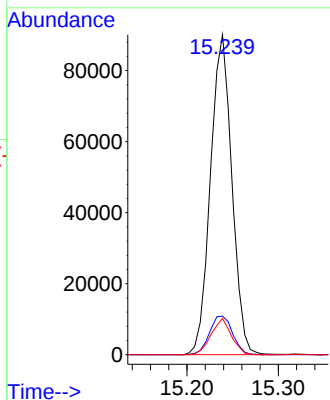
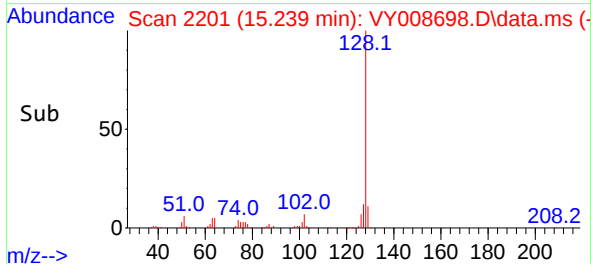
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBS01



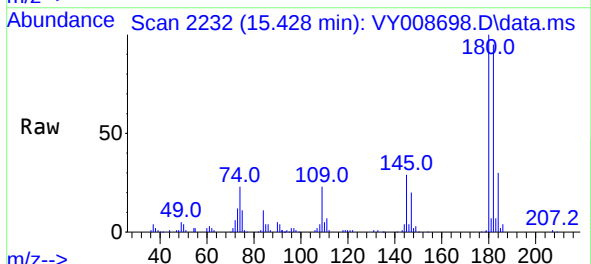
Tgt Ion:128 Resp: 14666
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.4
129 10.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.429 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY008698.D
Acq: 11 May 2022 11:45



Tgt Ion:180 Resp: 61899
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.9
145 31.0 15.3 45.9

