

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007718.D
 Acq On : 03 Mar 2022 21:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 04 00:44:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/04/2022
 Supervised By : Mahesh Dadoda 03/04/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	427456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	659552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	593749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	296511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	187090	41.807	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.620%		
35) Dibromofluoromethane	7.716	113	195416	46.343	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.680%		
50) Toluene-d8	10.179	98	669450	43.129	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	86.260%		
62) 4-Bromofluorobenzene	12.483	95	225303	45.030	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	145969	52.285	ug/l	98
3) Chloromethane	2.113	50	212394	48.150	ug/l	95
4) Vinyl Chloride	2.253	62	320497	49.978	ug/l	96
5) Bromomethane	2.656	94	292061	56.351	ug/l	99
6) Chloroethane	2.796	64	253191	51.484	ug/l	99
7) Trichlorofluoromethane	3.131	101	378254	51.626	ug/l	92
8) Diethyl Ether	3.527	74	120894	51.278	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.905	101	225387	50.393	ug/l	97
10) Methyl Iodide	4.094	142	280960	51.632	ug/l	91
11) Tert butyl alcohol	4.954	59	94352	243.523	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	197720	49.811	ug/l	91
13) Acrolein	3.735	56	67934	198.828	ug/l	98
14) Allyl chloride	4.484	41	260868	43.693	ug/l #	82
15) Acrylonitrile	5.167	53	288957	232.196	ug/l	99
16) Acetone	3.948	43	202474	222.413	ug/l #	88
17) Carbon Disulfide	4.198	76	472629	49.183	ug/l	100
18) Methyl Acetate	4.472	43	118730	43.885	ug/l #	84
19) Methyl tert-butyl Ether	5.222	73	639611	51.918	ug/l	94
20) Methylene Chloride	4.716	84	252071	58.401	ug/l #	81
21) trans-1,2-Dichloroethene	5.222	96	231059	49.887	ug/l	83
22) Diisopropyl ether	6.118	45	692834	48.575	ug/l #	92
23) Vinyl Acetate	6.057	43	2262424	250.828	ug/l #	91
24) 1,1-Dichloroethane	6.021	63	428349	49.704	ug/l	99
25) 2-Butanone	6.984	43	356583	233.497	ug/l #	80
26) 2,2-Dichloropropane	6.984	77	381992	49.808	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	277944	51.177	ug/l	87
28) Bromochloromethane	7.332	49	159011	43.386	ug/l #	77
29) Tetrahydrofuran	7.344	42	232805	222.796	ug/l #	79
30) Chloroform	7.508	83	462860	51.841	ug/l	100
31) Cyclohexane	7.789	56	333575	48.241	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	419485	52.792	ug/l	96
36) 1,1-Dichloropropene	7.917	75	325674	49.097	ug/l	98
37) Ethyl Acetate	7.075	43	168047	45.868	ug/l	95
38) Carbon Tetrachloride	7.905	117	375986	53.136	ug/l	97
39) Methylcyclohexane	9.185	83	398017	48.823	ug/l #	86
40) Benzene	8.161	78	941477	50.999	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	82151m	46.922	ug/l	
42) 1,2-Dichloroethane	8.240	62	296304	51.438	ug/l	94
43) Isopropyl Acetate	8.270	43	330894	48.837	ug/l #	90
44) Trichloroethene	8.941	130	266316	51.943	ug/l	95
45) 1,2-Dichloropropane	9.215	63	241179	50.520	ug/l	96
46) Dibromomethane	9.307	93	150269	52.438	ug/l	99
47) Bromodichloromethane	9.496	83	362260	53.898	ug/l	98
48) Methyl methacrylate	9.289	41	139158	47.384	ug/l #	77
49) 1,4-Dioxane	9.301	88	34208	988.786	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	875480	241.492	ug/l	88
52) Toluene	10.246	92	613243	51.376	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	359536	52.101	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	395308	51.850	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	208922	53.590	ug/l	98
56) Ethyl methacrylate	10.508	69	273211	52.786	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	344516	52.259	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	699153	247.690	ug/l	93
59) 2-Hexanone	10.831	43	590426	241.843	ug/l	86
60) Dibromochloromethane	10.983	129	266711	57.455	ug/l	98
61) 1,2-Dibromoethane	11.087	107	200654	53.999	ug/l	99
64) Tetrachloroethene	10.721	164	228859	52.000	ug/l	100
65) Chlorobenzene	11.514	112	689057	53.268	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	275110	56.872	ug/l	98
67) Ethyl Benzene	11.593	91	1226610	52.581	ug/l	97
68) m/p-Xylenes	11.703	106	968865	108.243	ug/l	91
69) o-Xylene	12.026	106	457757	53.968	ug/l	92
70) Styrene	12.044	104	774435	54.529	ug/l	95
71) Bromoform	12.209	173	169959	56.427	ug/l #	100
73) Isopropylbenzene	12.331	105	1231950	53.332	ug/l	99
74) N-amyl acetate	12.142	43	302448	49.186	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	247582	51.102	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	176067m	53.171	ug/l	
77) Bromobenzene	12.605	156	291387	54.765	ug/l	89
78) n-propylbenzene	12.672	91	1464325	52.534	ug/l	98
79) 2-Chlorotoluene	12.757	91	802653	53.812	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	1018920	55.164	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	80096	49.450	ug/l	88
82) 4-Chlorotoluene	12.855	91	815625	53.162	ug/l	95
83) tert-Butylbenzene	13.074	119	915829	53.904	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	1089719	59.895	ug/l	97
85) sec-Butylbenzene	13.251	105	1345571	53.539	ug/l	98
86) p-Isopropyltoluene	13.367	119	1124222	54.159	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	587404	55.479	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	564524	54.022	ug/l	98
89) n-Butylbenzene	13.696	91	1028198	52.409	ug/l	98
90) Hexachloroethane	13.958	117	219361	55.750	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	516339	54.921	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	35455	48.323	ug/l	69
93) 1,2,4-Trichlorobenzene	15.007	180	315792	53.057	ug/l	99
94) Hexachlorobutadiene	15.111	225	188010	53.427	ug/l	99
95) Naphthalene	15.233	128	675712	55.806	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	274268	51.703	ug/l	99

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ClientSampleId :
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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

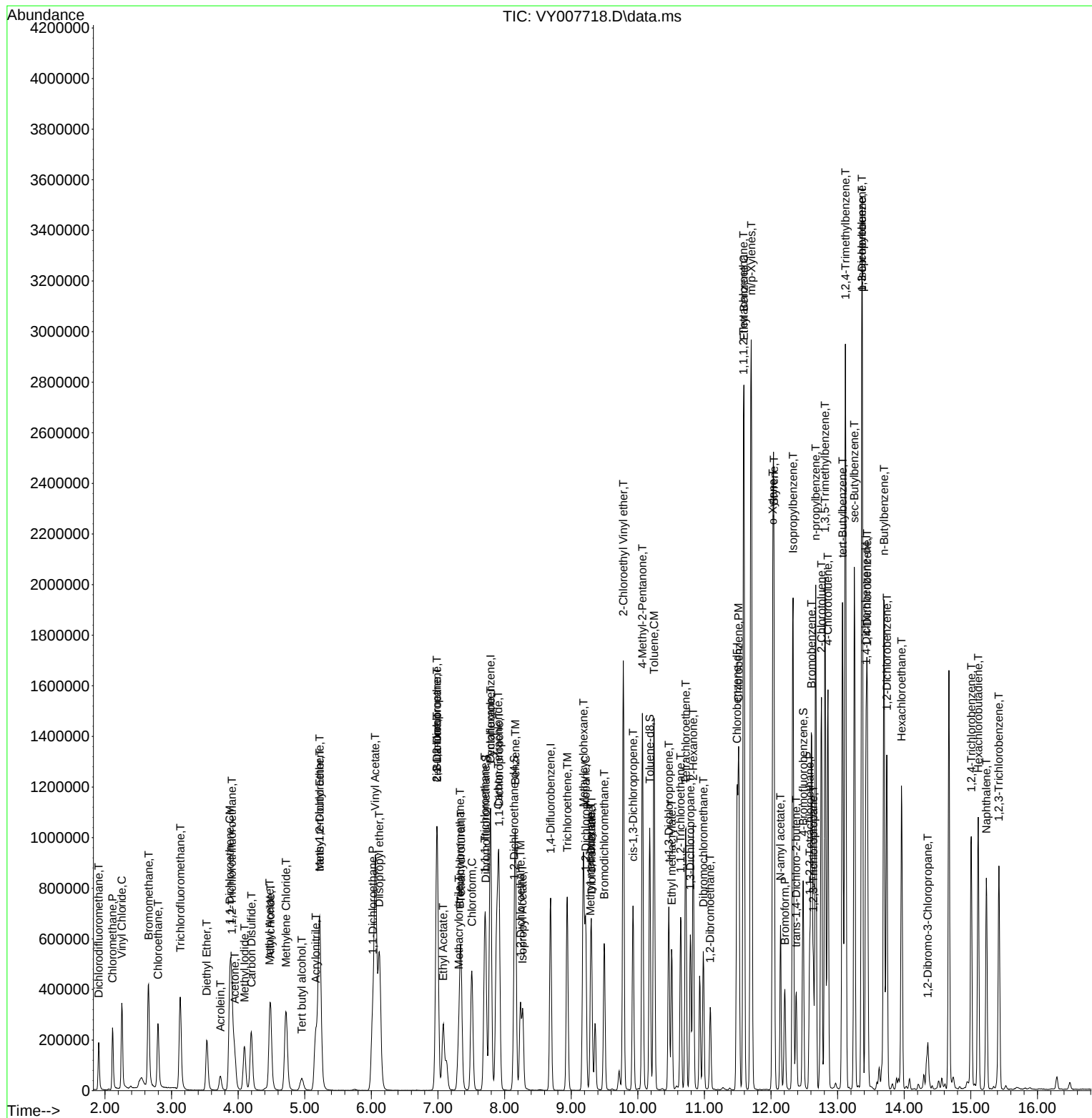
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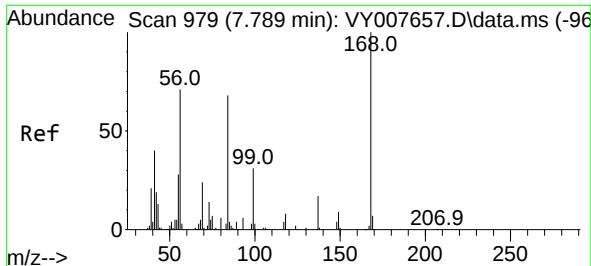
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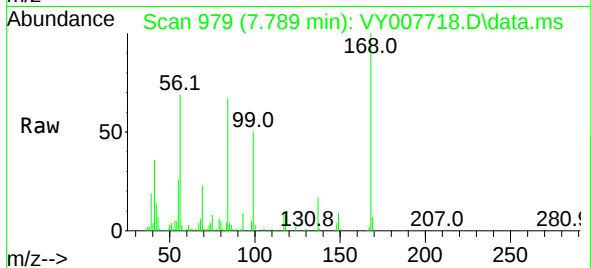
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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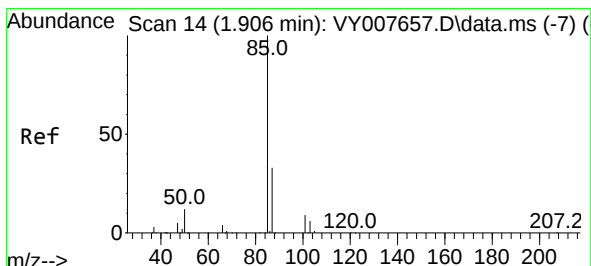
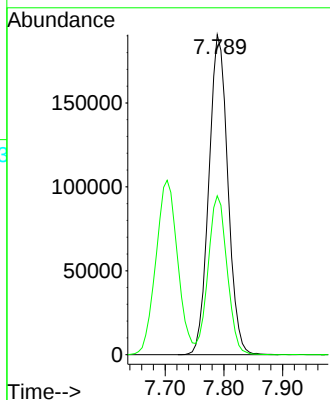
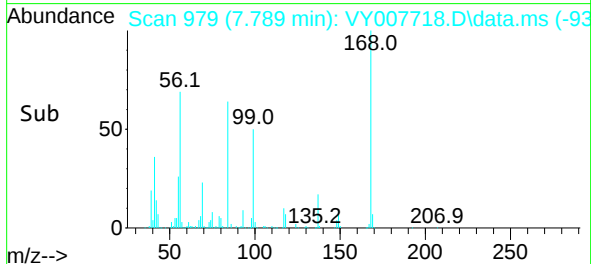
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 427450
Ion Ratio Lower Upper
168 100
99 49.7 46.9 70.3

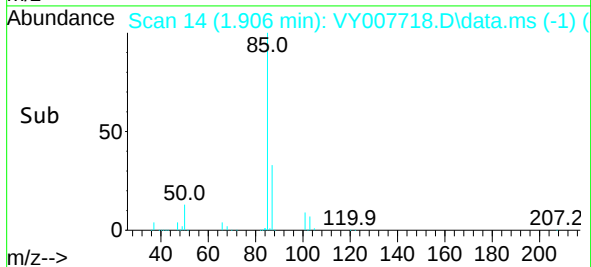
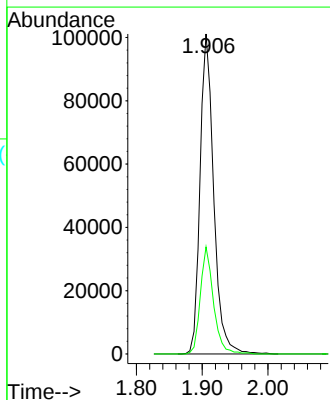
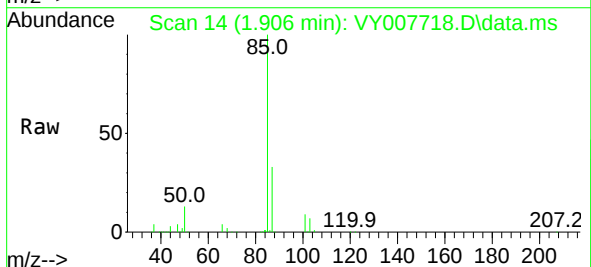
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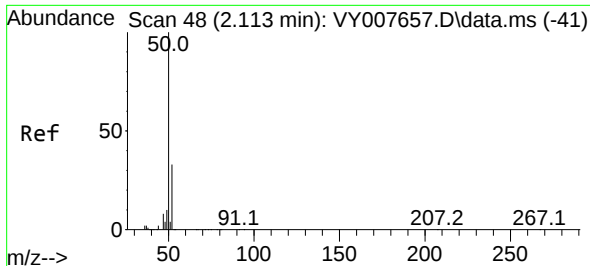
Reviewed By :John Carlone 03/04/2022
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#2
Dichlorodifluoromethane
Concen: 52.285 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

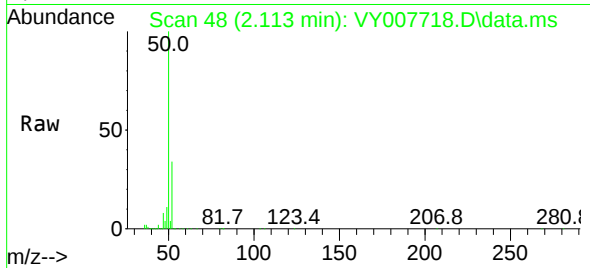
Tgt Ion: 85 Resp: 145969
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.2





#3
Chloromethane
Concen: 48.150 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

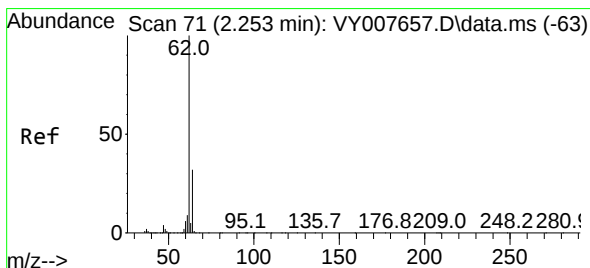
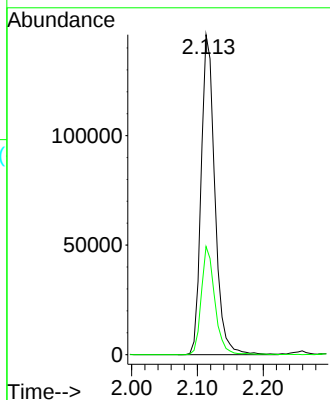
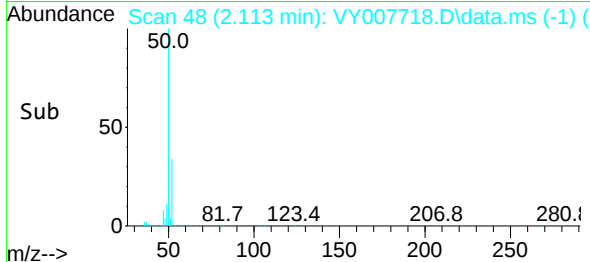
Instrument :
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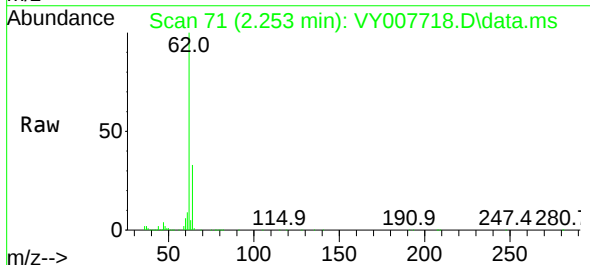
Tgt Ion: 50 Resp: 212394
Ion Ratio Lower Upper
50 100
52 33.8 24.6 37.0

Manual Integrations
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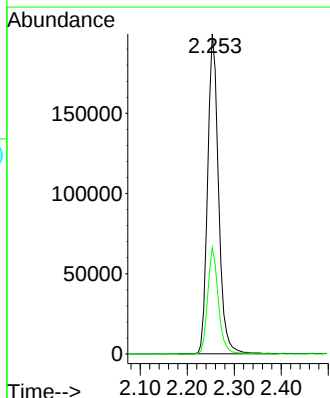
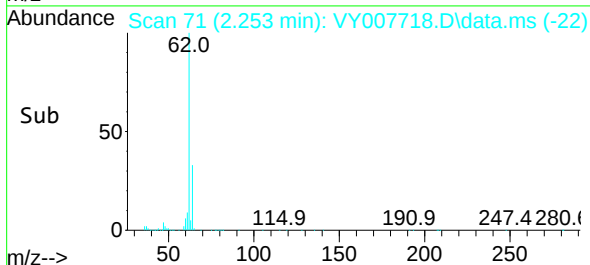
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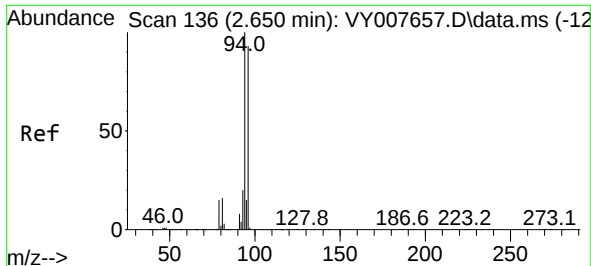


#4
Vinyl Chloride
Concen: 49.978 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



Tgt Ion: 62 Resp: 320497
Ion Ratio Lower Upper
62 100
64 33.4 25.0 37.6





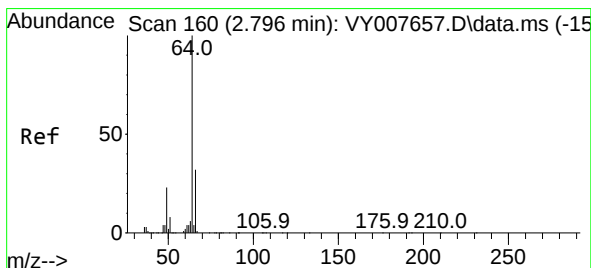
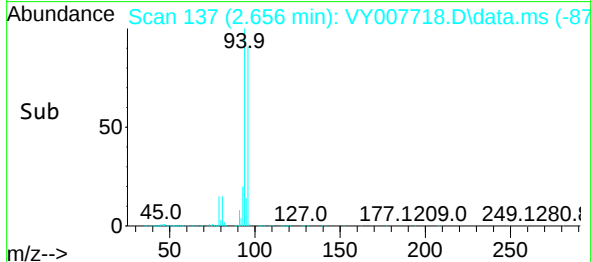
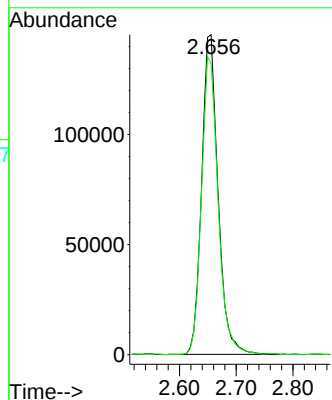
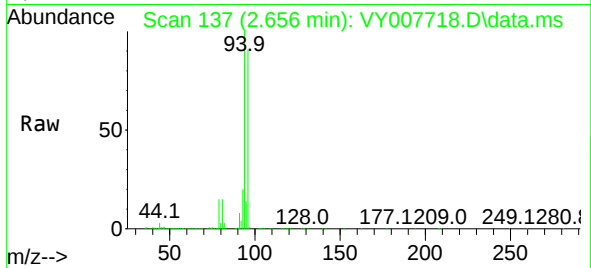
#5
Bromomethane
Concen: 56.351 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

Instrument :
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Tgt Ion: 94 Resp: 29206
Ion Ratio Lower Upper
94 100
96 91.0 73.5 110.3

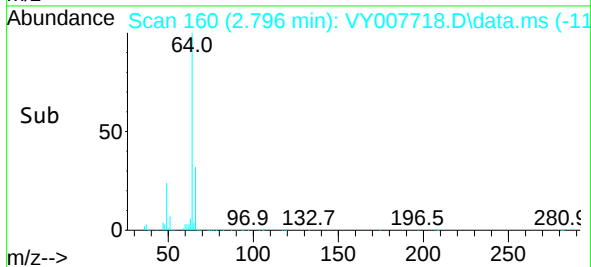
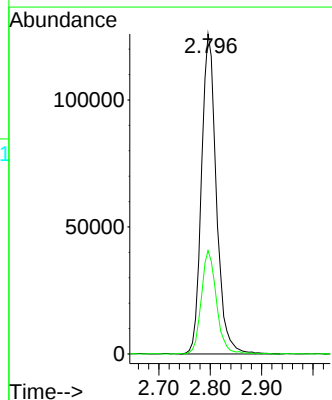
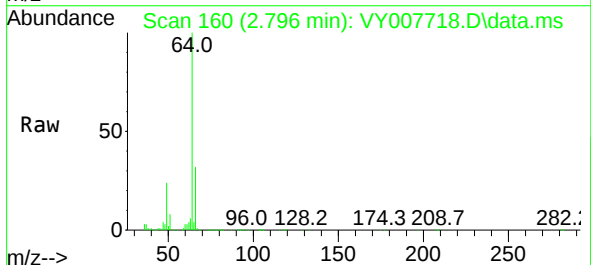
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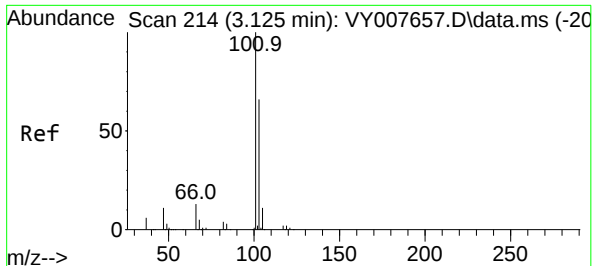
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#6
Chloroethane
Concen: 51.484 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

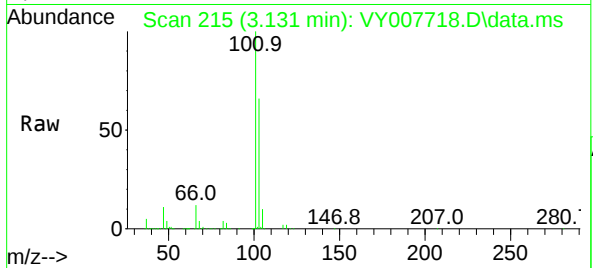
Tgt Ion: 64 Resp: 253191
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.0





#7
Trichlorofluoromethane
Concen: 51.626 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

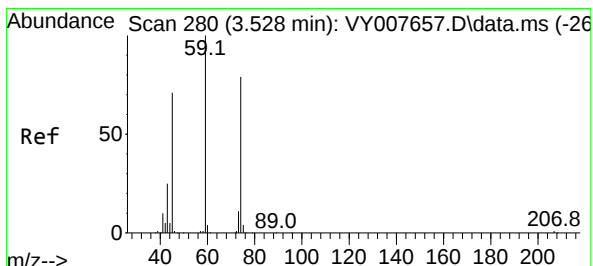
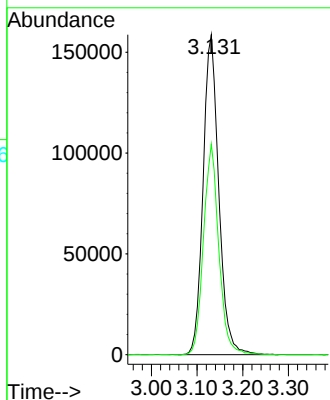
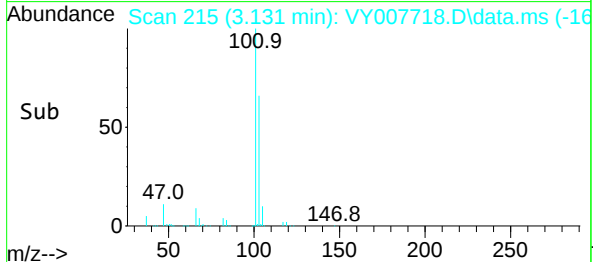
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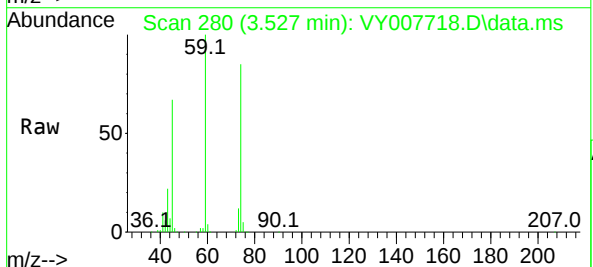
Tgt Ion:101 Resp: 378254
Ion Ratio Lower Upper
101 100
103 65.8 48.0 72.0

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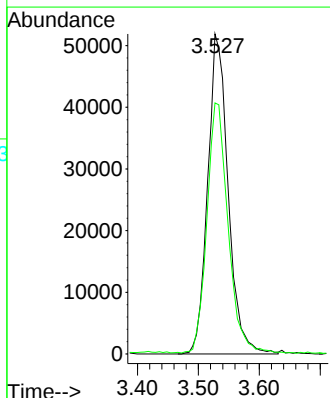
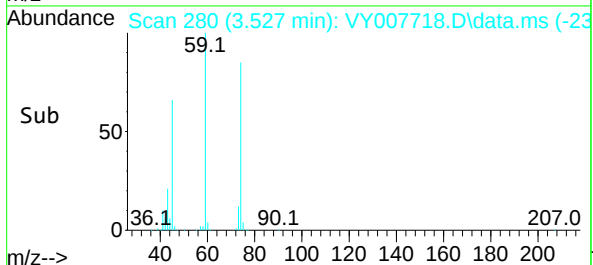
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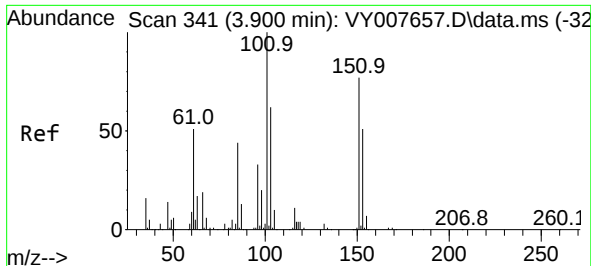


#8
Diethyl Ether
Concen: 51.278 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.001 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



Tgt Ion: 74 Resp: 120894
Ion Ratio Lower Upper
74 100
45 81.4 55.1 165.5





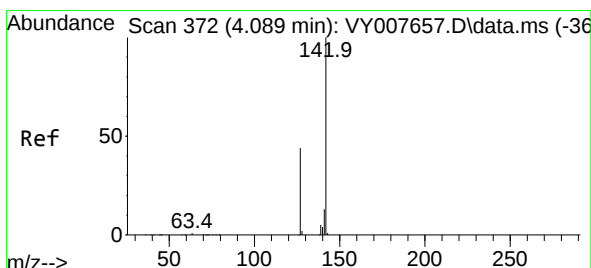
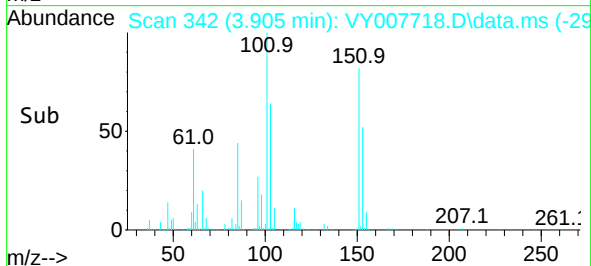
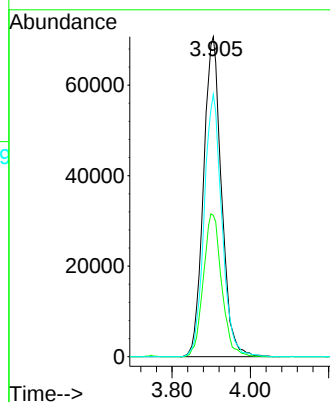
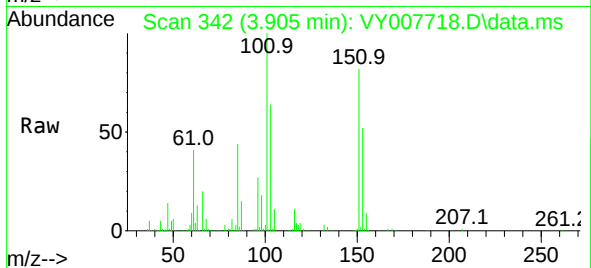
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.393 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.005 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 22538
Ion Ratio Lower Upper
101 100
85 45.4 40.6 60.8
151 80.9 64.9 97.3

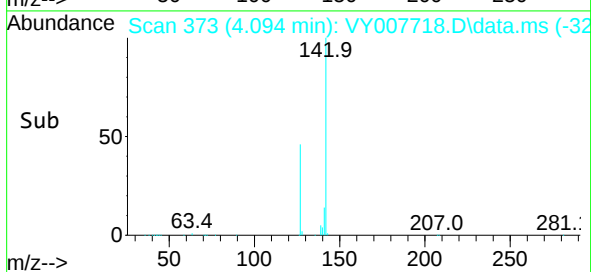
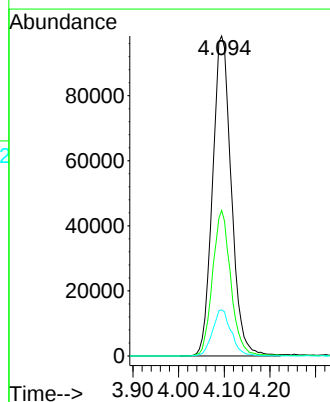
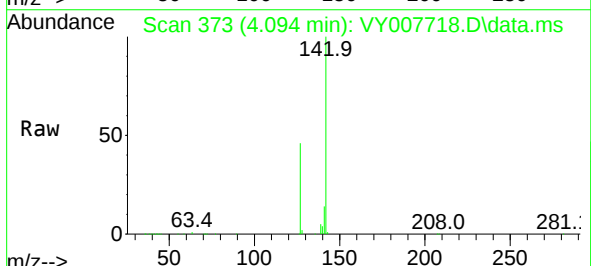
Manual Integrations
APPROVED

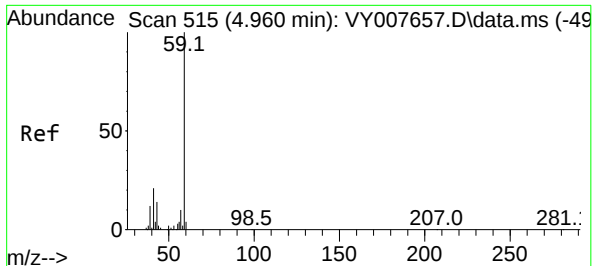
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#10
Methyl Iodide
Concen: 51.632 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.005 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

Tgt Ion:142 Resp: 280960
Ion Ratio Lower Upper
142 100
127 44.3 41.5 62.3
141 14.4 11.9 17.9





#11

Tert butyl alcohol

Concen: 243.523 ug/l

RT: 4.954 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 94352

Ion Ratio Lower Upper

59 100

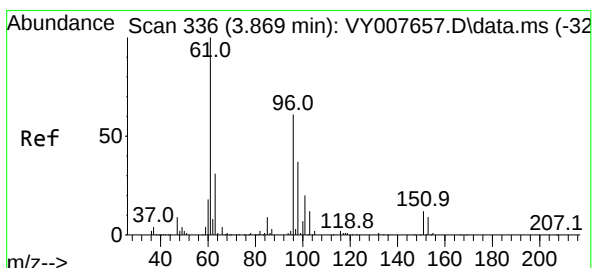
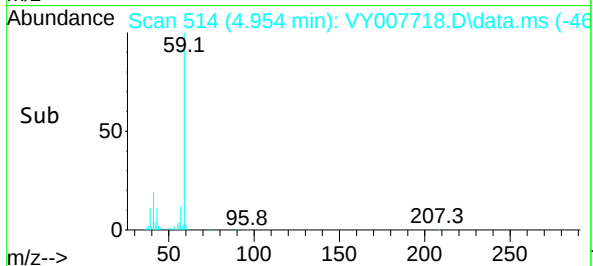
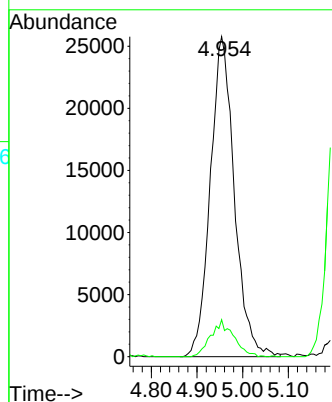
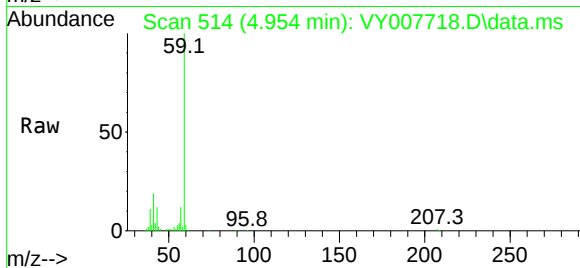
57 10.9 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#12

1,1-Dichloroethene

Concen: 49.811 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

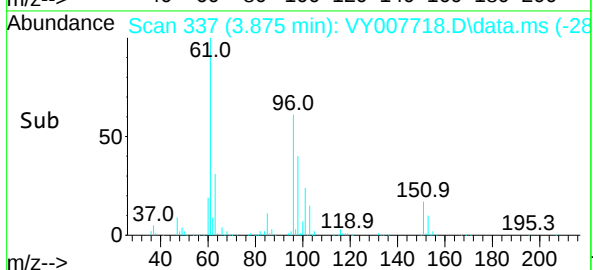
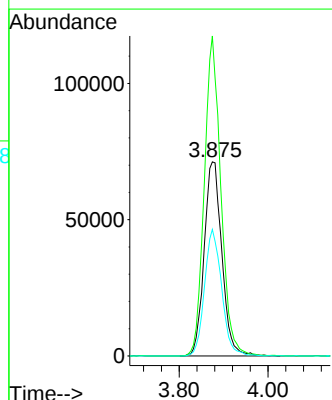
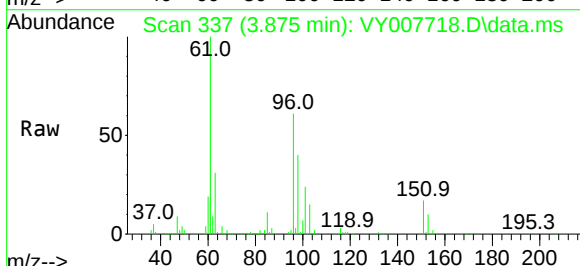
Tgt Ion: 96 Resp: 197720

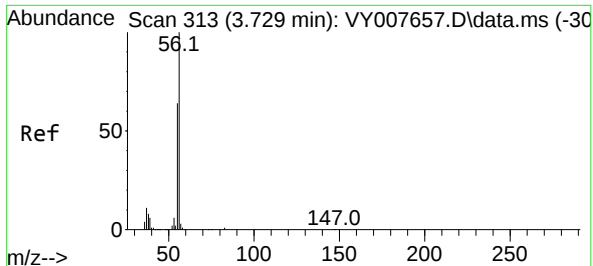
Ion Ratio Lower Upper

96 100

61 164.9 145.8 218.6

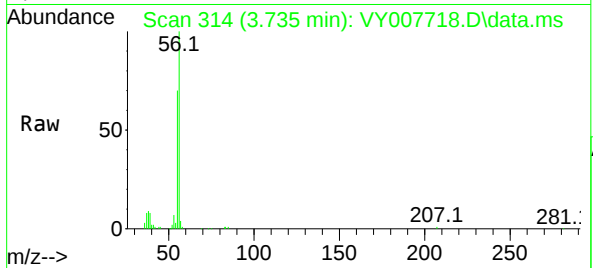
98 65.2 52.5 78.7





#13
Acrolein
Concen: 198.828 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

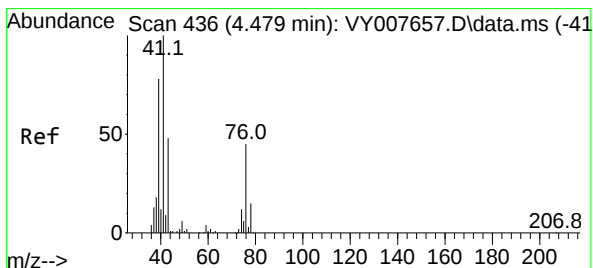
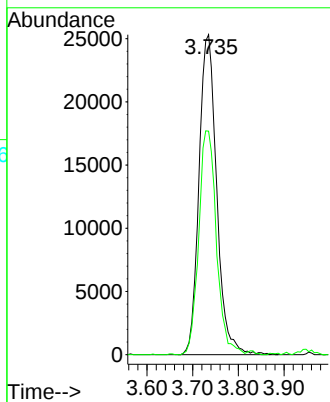
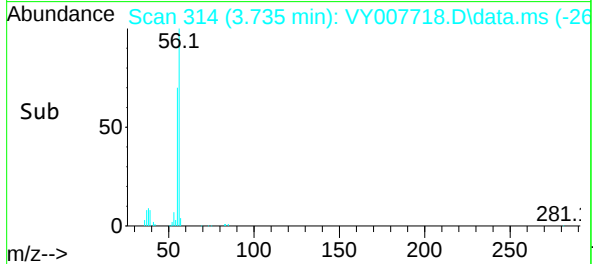
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



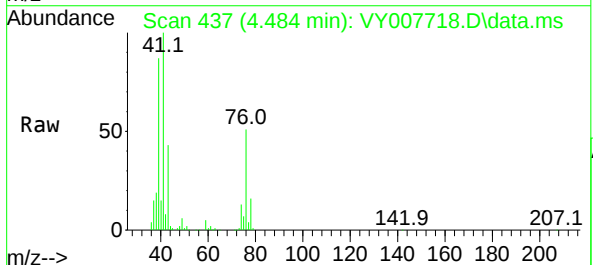
Tgt Ion: 56 Resp: 67934
Ion Ratio Lower Upper
56 100
55 70.0 57.6 86.4

Manual Integrations
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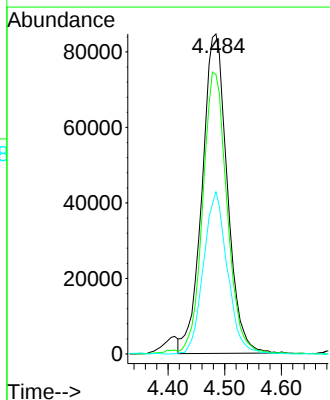
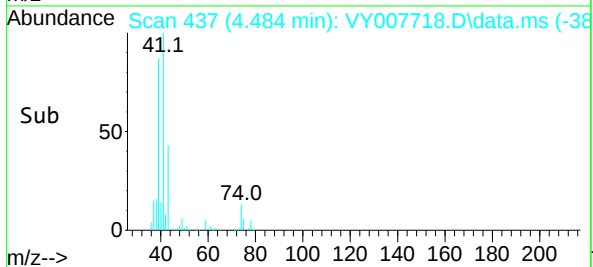
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

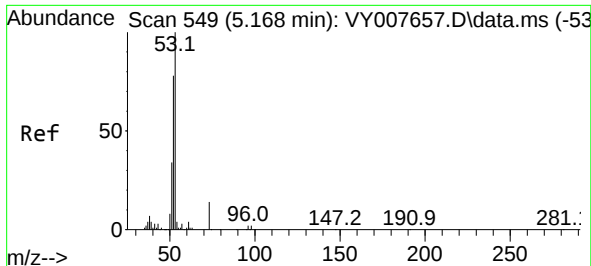


#14
Allyl chloride
Concen: 43.693 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.005 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



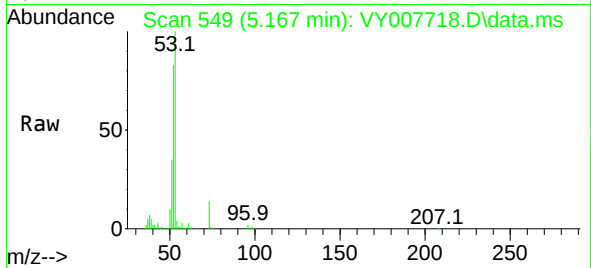
Tgt Ion: 41 Resp: 260868
Ion Ratio Lower Upper
41 100
39 84.2 58.8 88.2
76 48.2 25.1 37.7#





#15
Acrylonitrile
Concen: 232.196 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.001 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

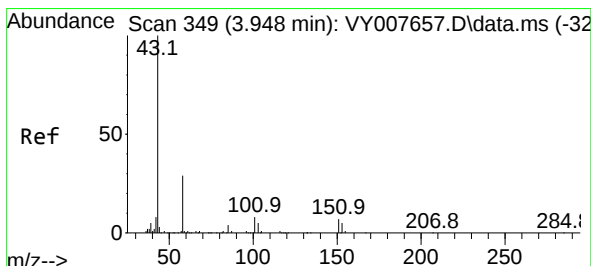
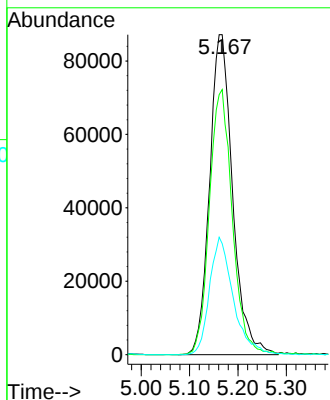
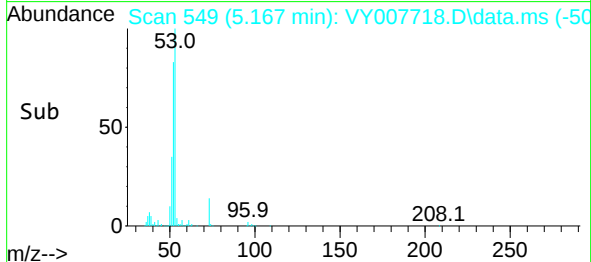
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



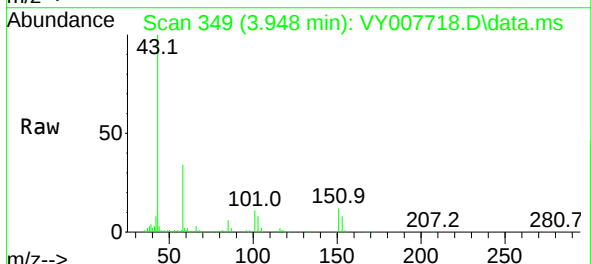
Tgt Ion: 53 Resp: 28895
Ion Ratio Lower Upper
53 100
52 82.2 67.0 100.4
51 37.8 29.8 44.6

Manual Integrations
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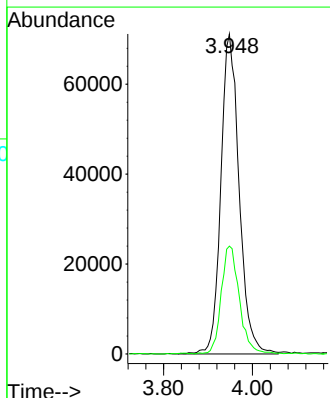
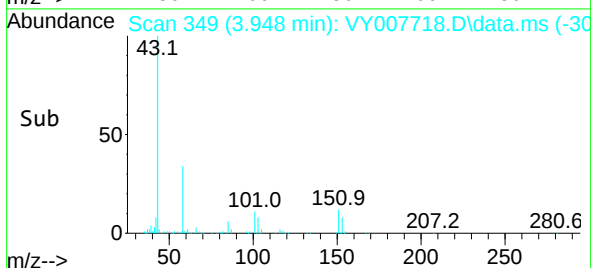
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

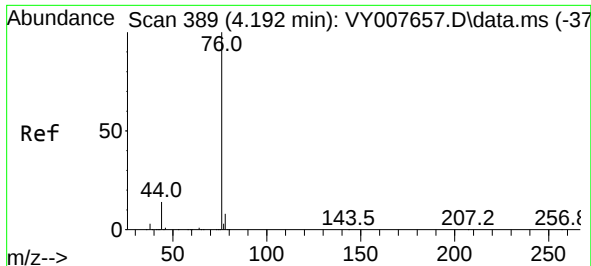


#16
Acetone
Concen: 222.413 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



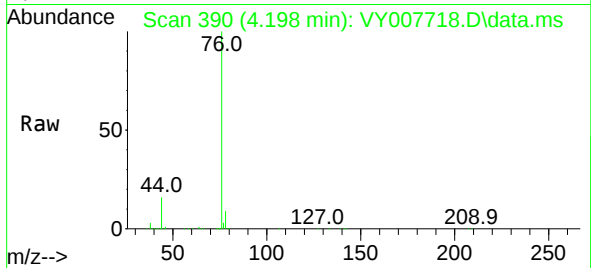
Tgt Ion: 43 Resp: 202474
Ion Ratio Lower Upper
43 100
58 33.6 22.0 33.0#





#17
Carbon Disulfide
Concen: 49.183 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

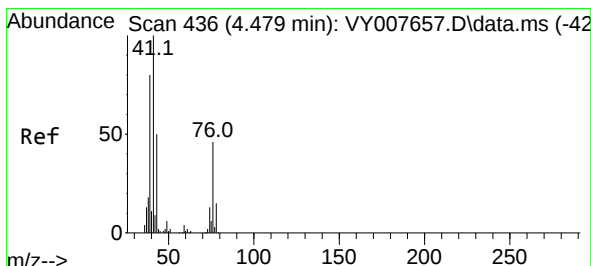
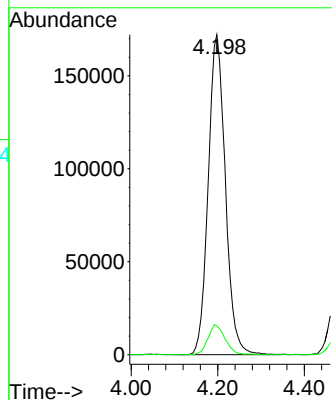
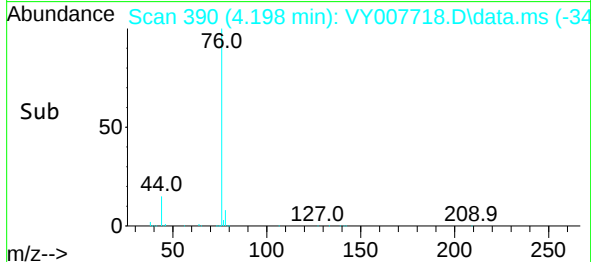
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 472629
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

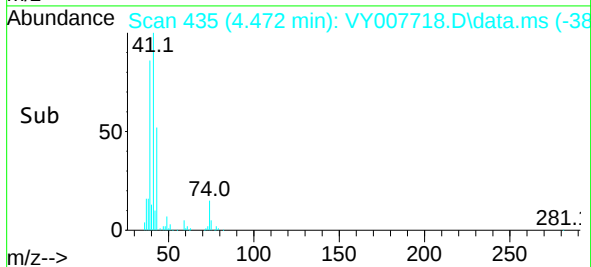
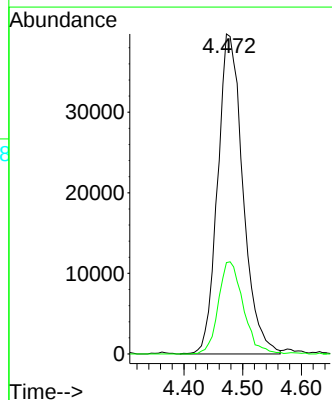
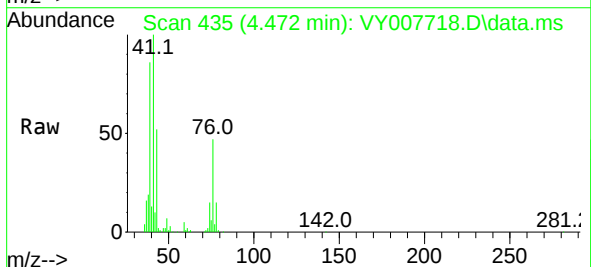
Manual Integrations
APPROVED

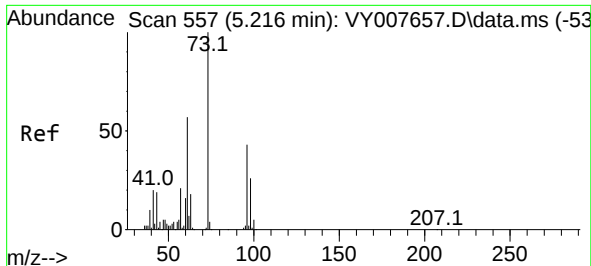
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#18
Methyl Acetate
Concen: 43.885 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

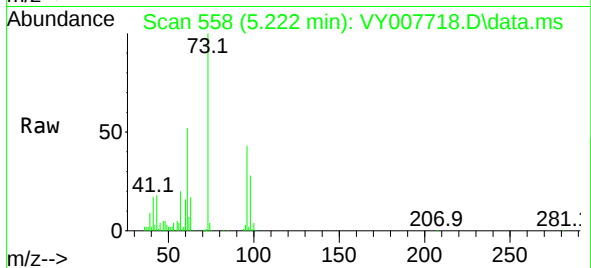
Tgt Ion: 43 Resp: 118730
Ion Ratio Lower Upper
43 100
74 28.3 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 51.918 ug/l
RT: 5.222 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

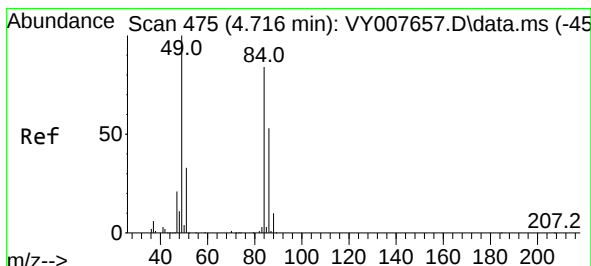
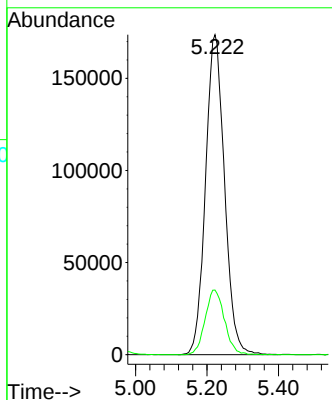
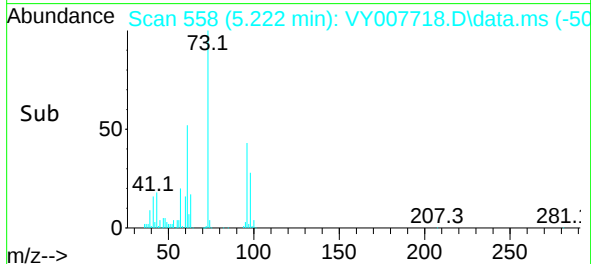
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 63961
Ion Ratio Lower Upper
73 100
57 20.2 18.6 27.8

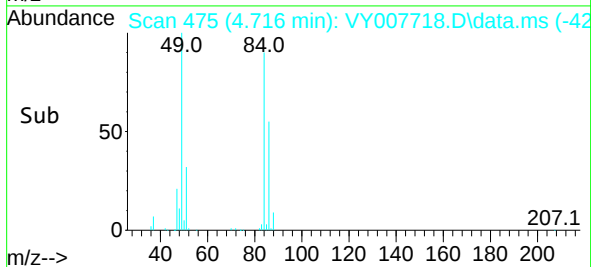
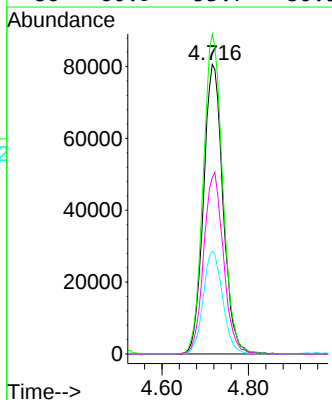
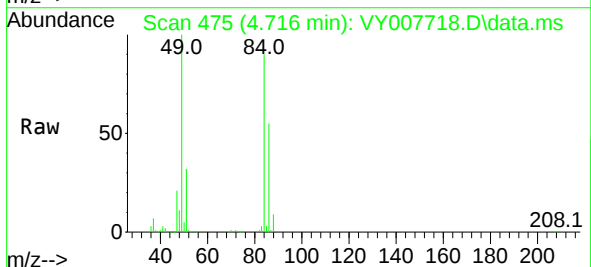
Manual Integrations
APPROVED

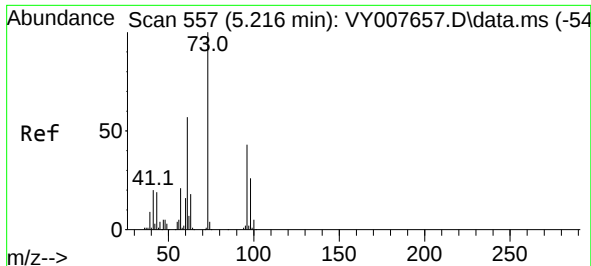
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#20
Methylene Chloride
Concen: 58.401 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

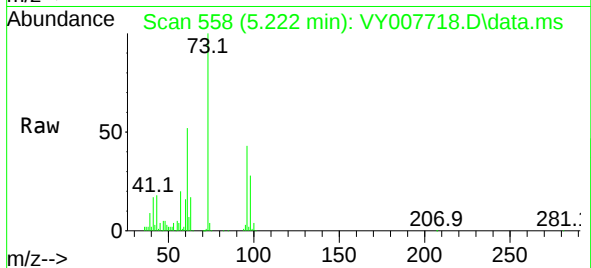
Tgt Ion: 84 Resp: 252071
Ion Ratio Lower Upper
84 100
49 110.5 114.4 171.6#
51 35.6 35.3 52.9
86 60.9 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 49.887 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

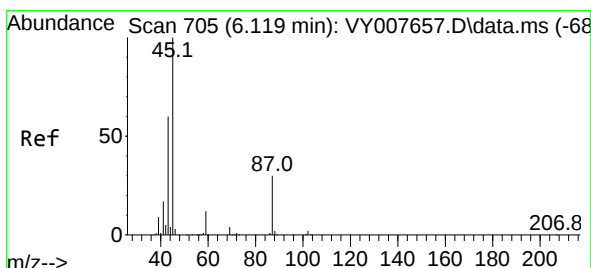
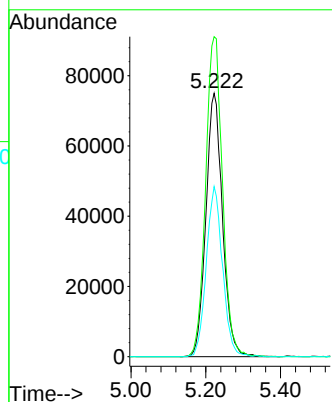
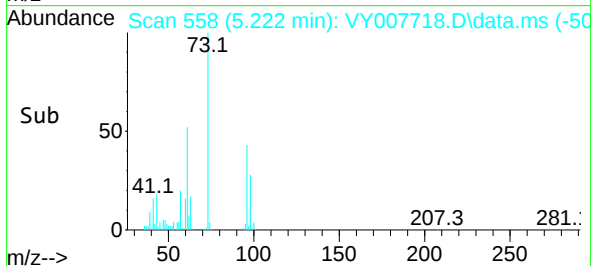
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



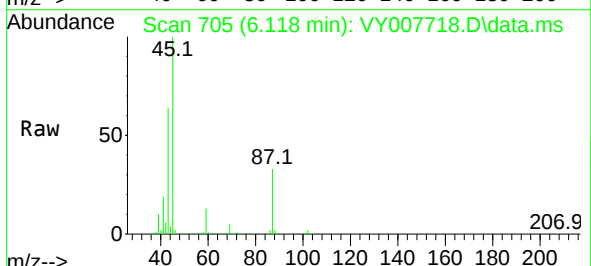
Tgt Ion: 96 Resp: 231059
Ion Ratio Lower Upper
96 100
61 121.5 120.5 180.7
98 64.6 49.8 74.8

Manual Integrations
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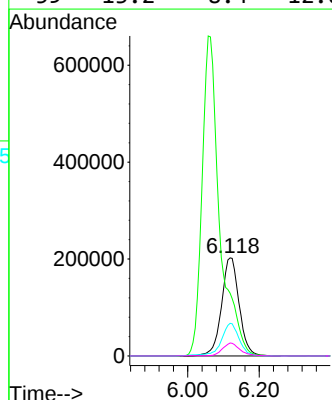
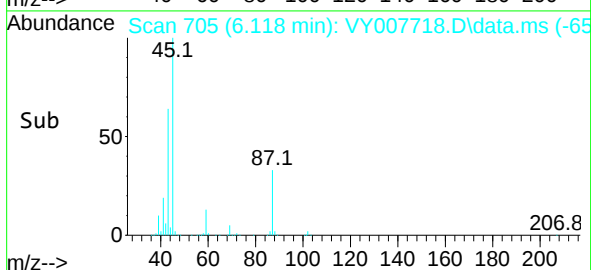
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

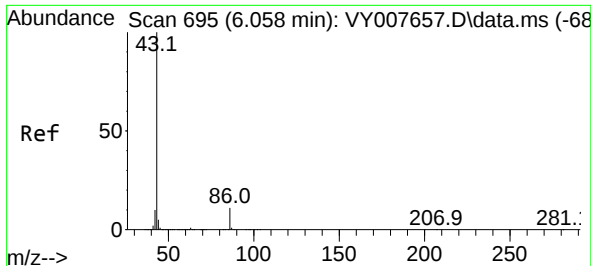


#22
Diisopropyl ether
Concen: 48.575 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



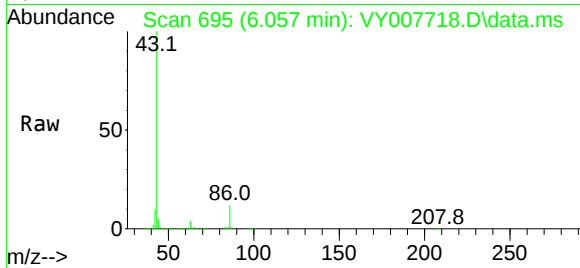
Tgt Ion: 45 Resp: 692834
Ion Ratio Lower Upper
45 100
43 64.0 49.3 73.9
87 33.3 19.2 28.8#
59 13.2 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 250.828 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.001 min
 Lab File: VY007718.D
 Acq: 03 Mar 2022 21:25

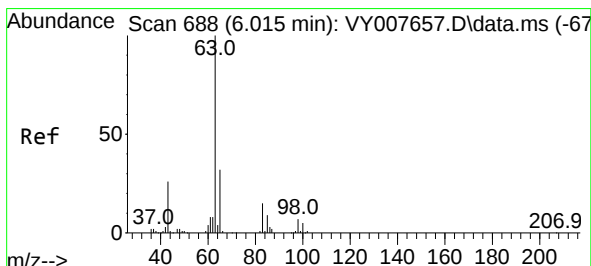
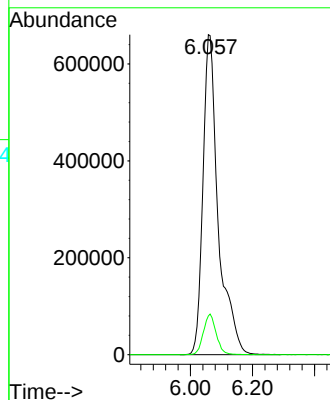
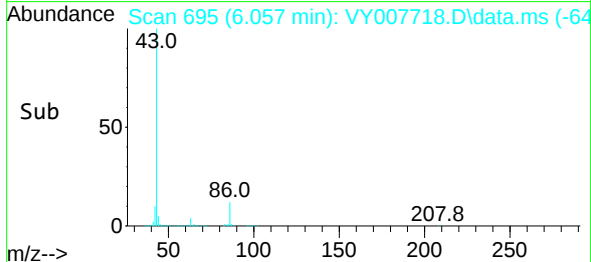
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



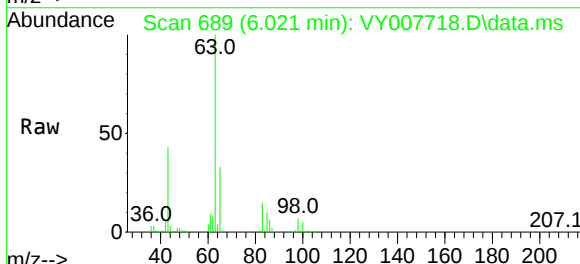
Tgt Ion: 43 Resp: 2262424
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.1 10.7

Manual Integrations
 APPROVED

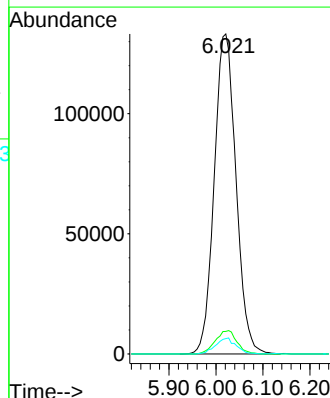
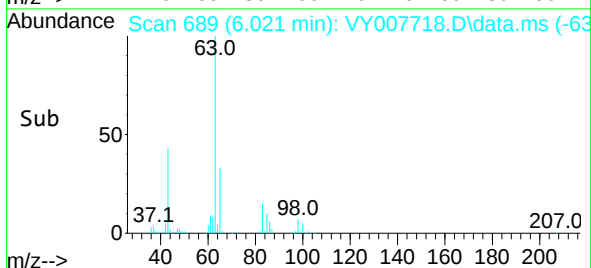
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022

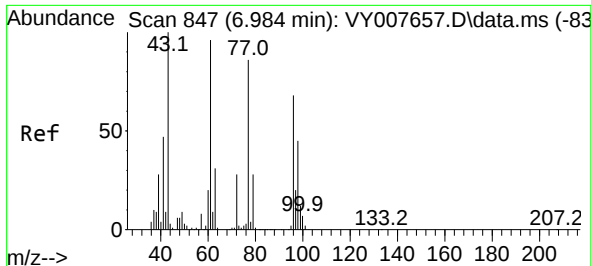


#24
 1,1-Dichloroethane
 Concen: 49.704 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY007718.D
 Acq: 03 Mar 2022 21:25



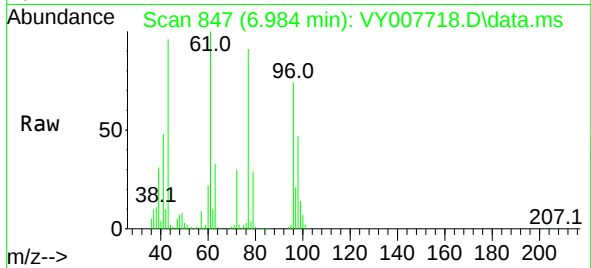
Tgt Ion: 63 Resp: 428349
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.8 2.0 5.8





#25
2-Butanone
Concen: 233.497 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

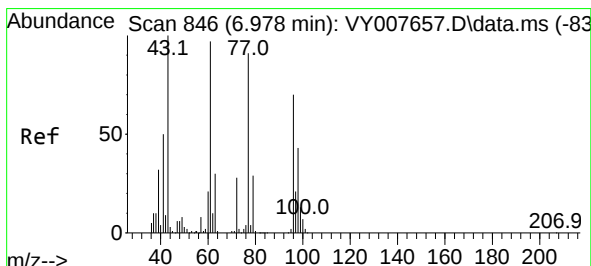
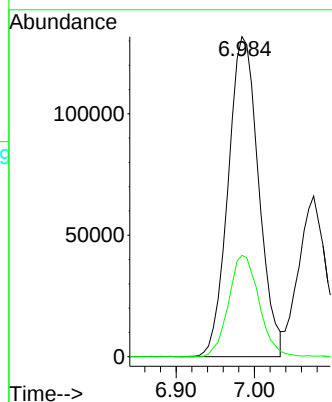
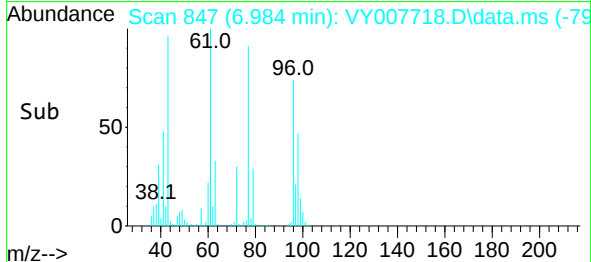
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 356583
Ion Ratio Lower Upper
43 100
72 31.7 17.7 26.5

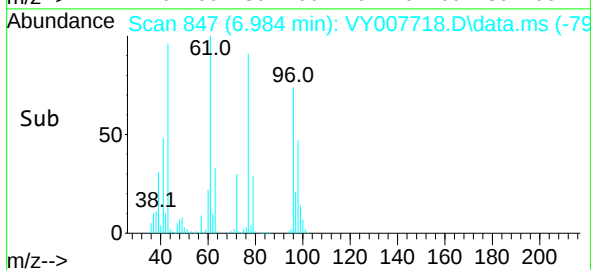
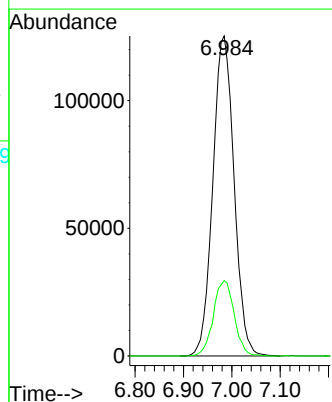
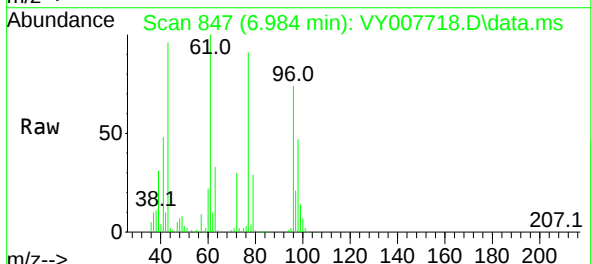
Manual Integrations
APPROVED

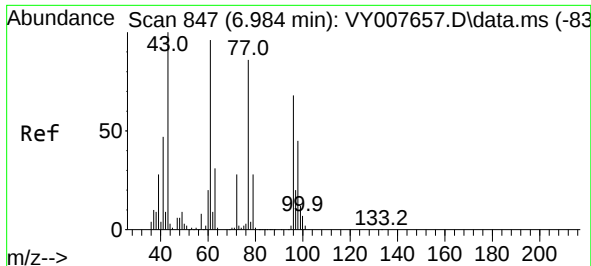
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#26
2,2-Dichloropropane
Concen: 49.808 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

Tgt Ion: 77 Resp: 381992
Ion Ratio Lower Upper
77 100
97 23.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 51.177 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 277944

Ion Ratio Lower Upper

96 100

61 137.2 0.0 319.8

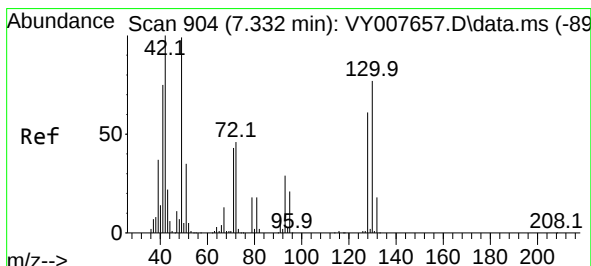
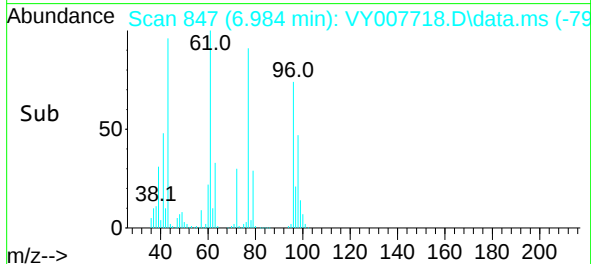
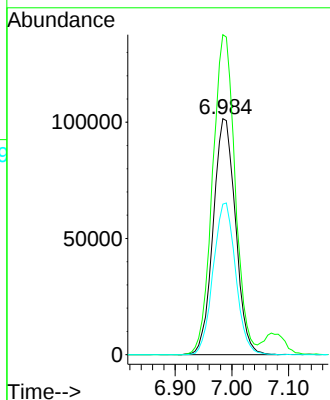
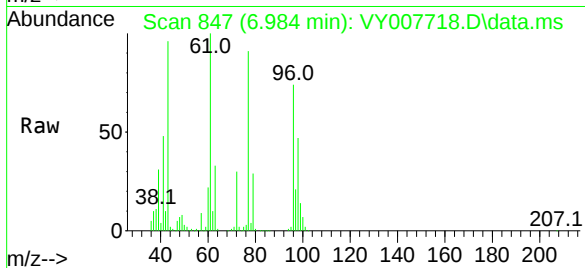
98 64.7 0.0 127.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#28

Bromochloromethane

Concen: 43.386 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

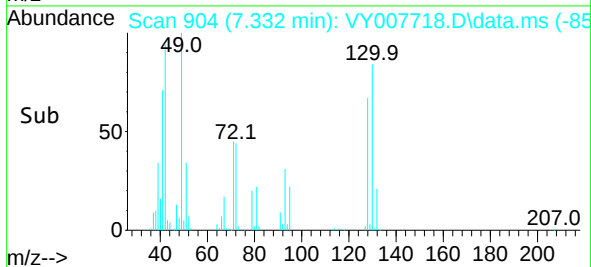
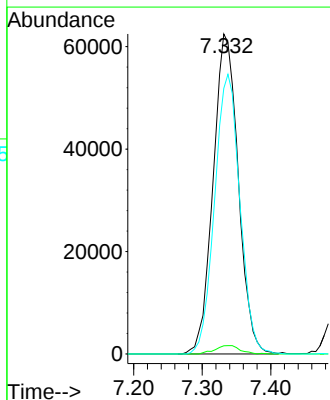
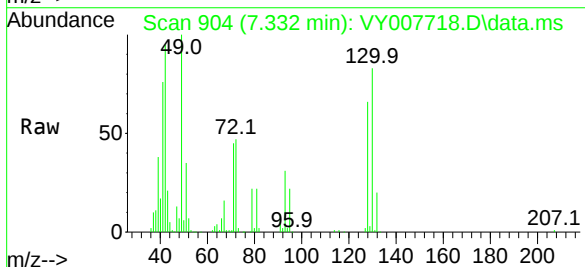
Tgt Ion: 49 Resp: 159011

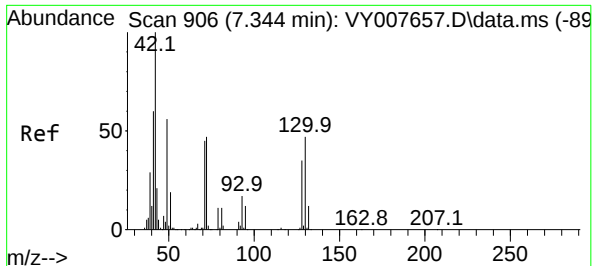
Ion Ratio Lower Upper

49 100

129 2.6 0.0 2.2#

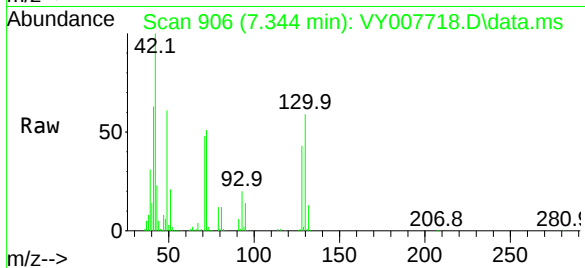
130 87.8 55.4 83.0#





#29
Tetrahydrofuran
Concen: 222.796 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

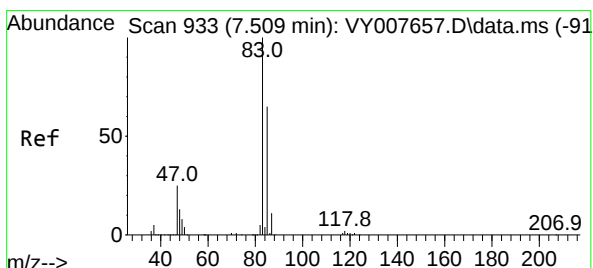
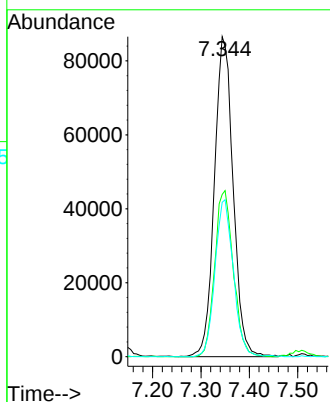
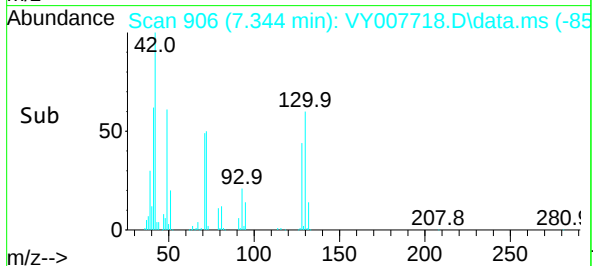
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



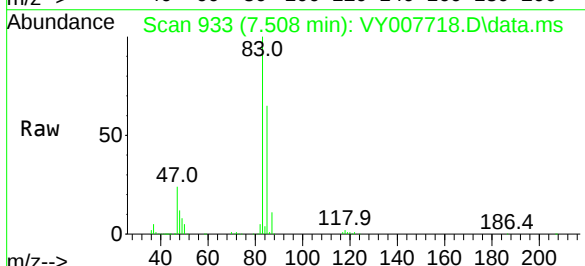
Tgt Ion: 42 Resp: 232809
Ion Ratio Lower Upper
42 100
72 51.5 30.3 45.5
71 47.9 29.0 43.4

Manual Integrations
APPROVED

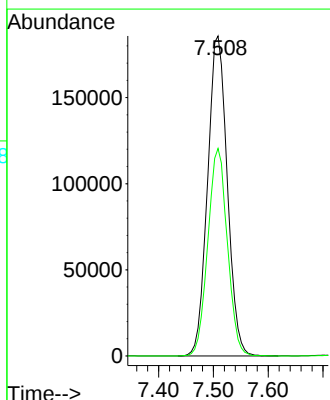
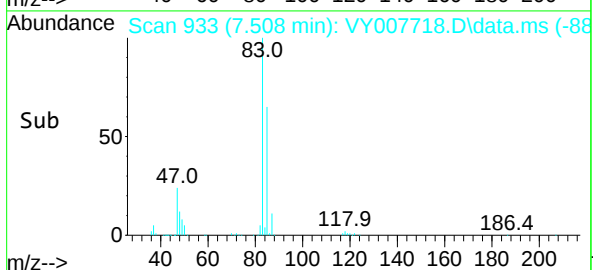
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

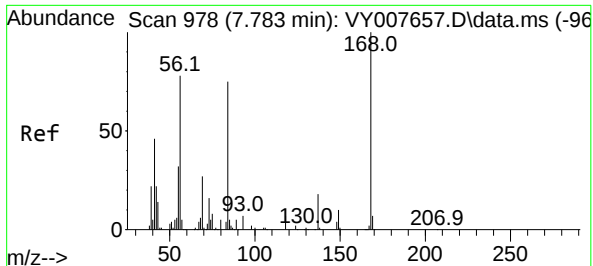


#30
Chloroform
Concen: 51.841 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.001 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



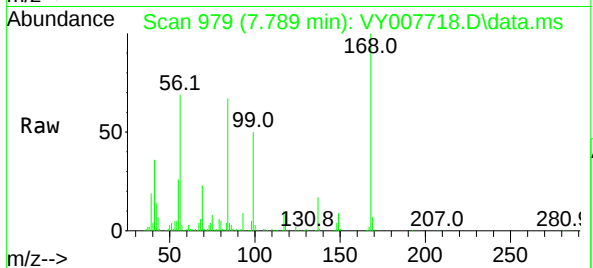
Tgt Ion: 83 Resp: 462860
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.6





#31
Cyclohexane
Concen: 48.241 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

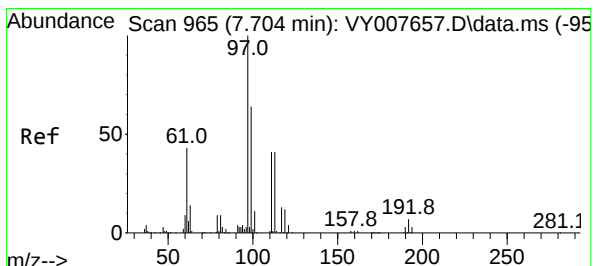
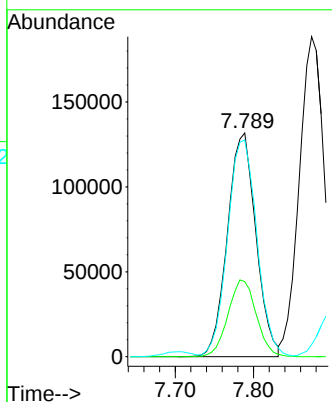
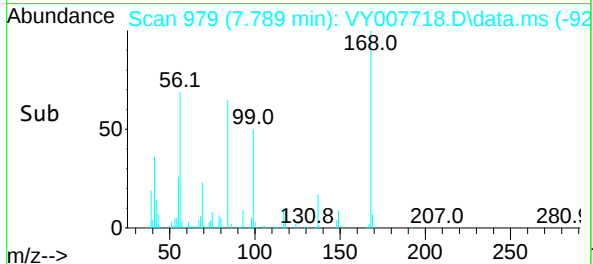
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



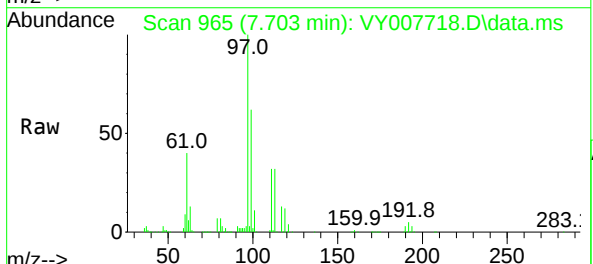
Tgt Ion: 56 Resp: 33357
Ion Ratio Lower Upper
56 100
69 33.5 26.7 40.1
84 94.7 67.2 100.8

Manual Integrations
APPROVED

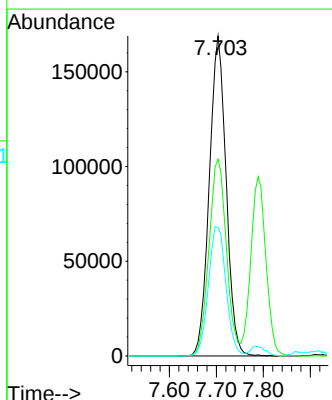
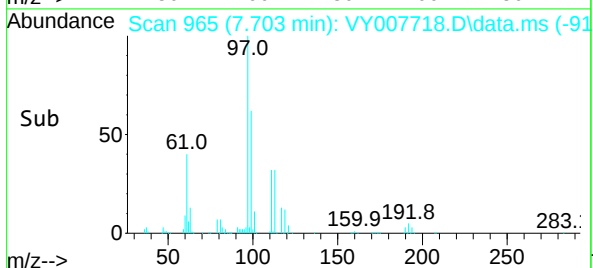
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

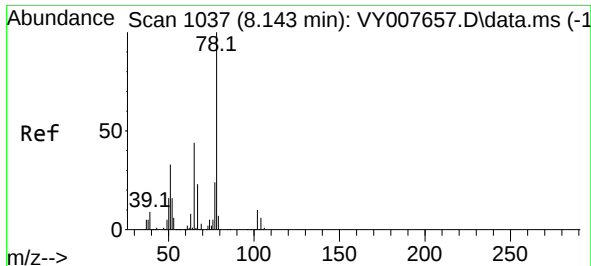


#32
1,1,1-Trichloroethane
Concen: 52.792 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.001 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



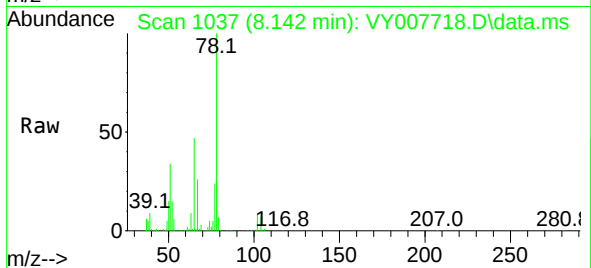
Tgt Ion: 97 Resp: 419485
Ion Ratio Lower Upper
97 100
99 64.2 50.7 76.1
61 42.3 37.6 56.4





#33
1,2-Dichloroethane-d4
Concen: 41.807 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

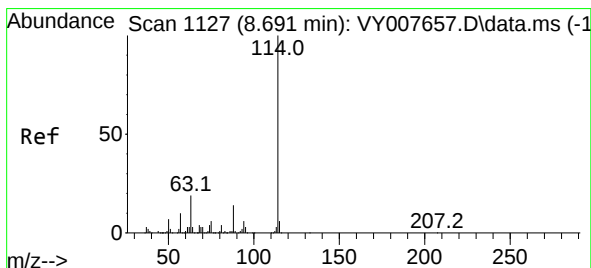
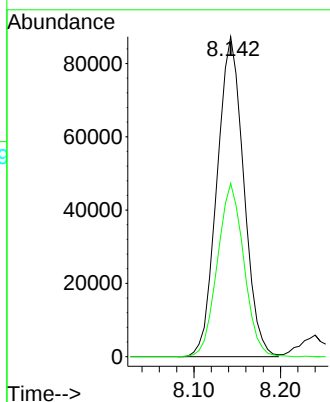
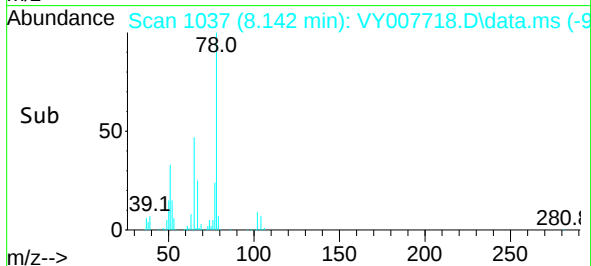
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



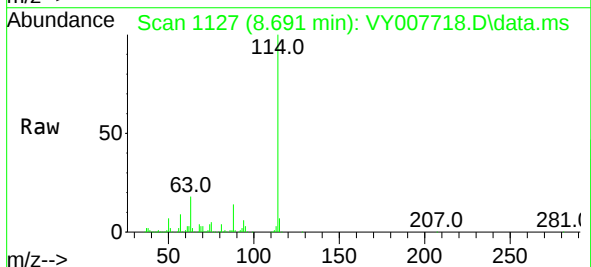
Tgt Ion: 65 Resp: 187090
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

Manual Integrations
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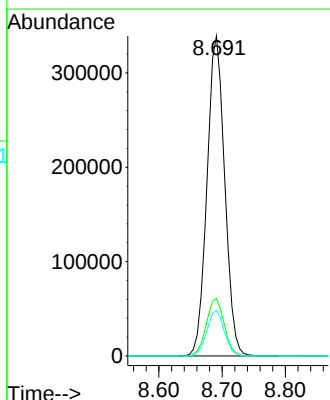
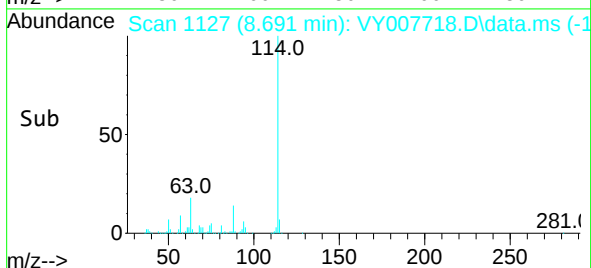
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

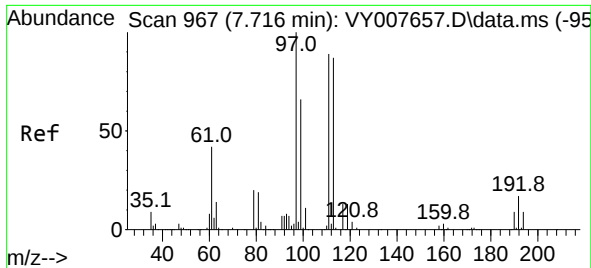


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



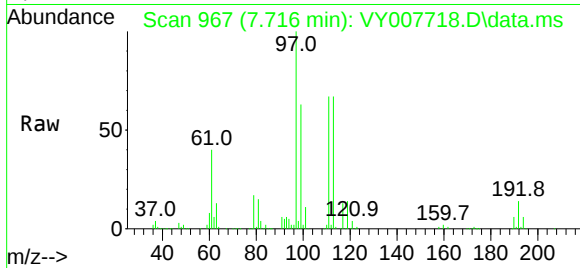
Tgt Ion:114 Resp: 659552
Ion Ratio Lower Upper
114 100
63 18.0 0.0 43.2
88 14.3 0.0 31.8





#35
Dibromofluoromethane
Concen: 46.343 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

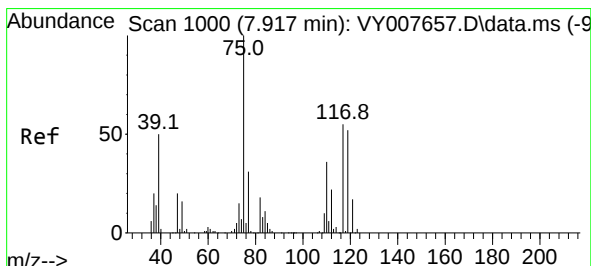
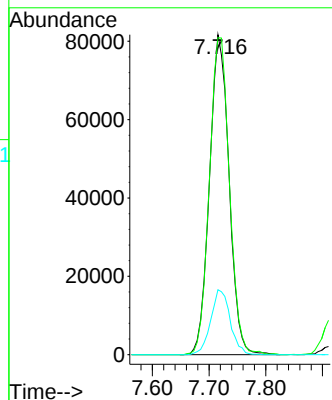
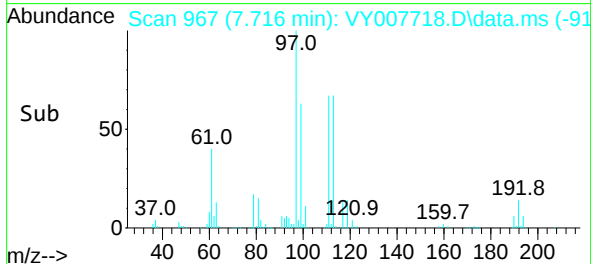
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 195410
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 20.2 17.6 26.4

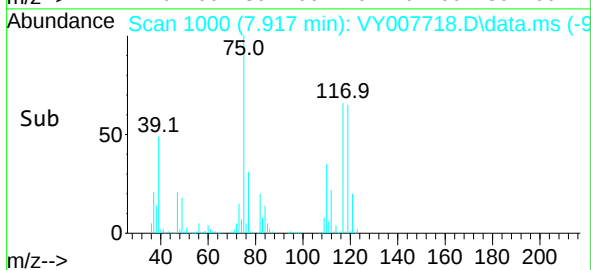
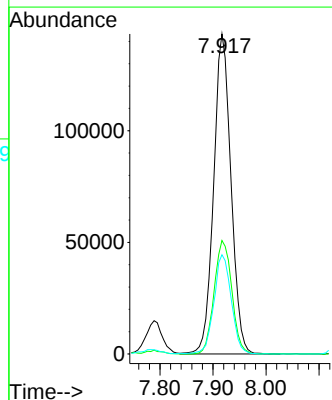
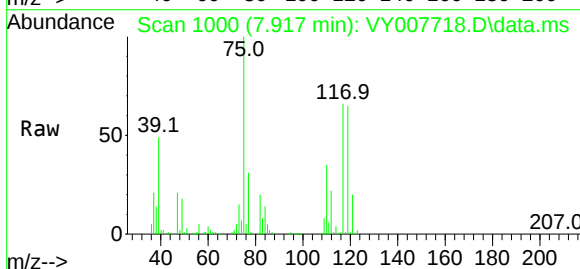
Manual Integrations
APPROVED

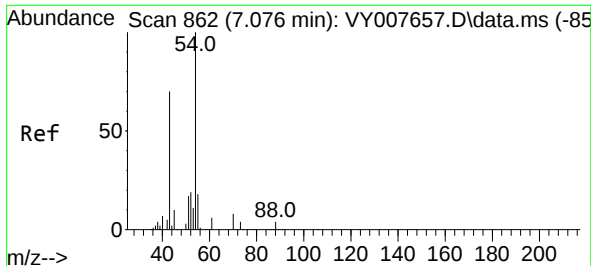
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#36
1,1-Dichloropropene
Concen: 49.097 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

Tgt Ion: 75 Resp: 325674
Ion Ratio Lower Upper
75 100
110 36.2 17.1 51.2
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 45.868 ug/l

RT: 7.075 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 16804

Ion Ratio Lower Upper

43 100

61 14.1 9.7 14.5

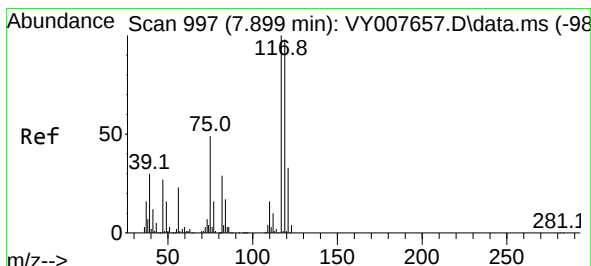
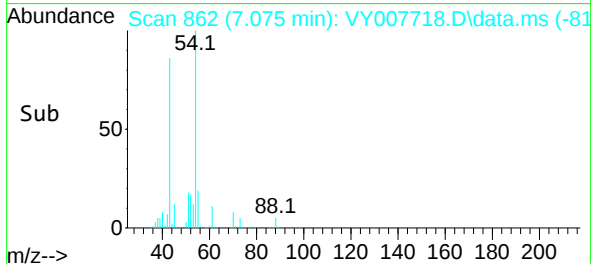
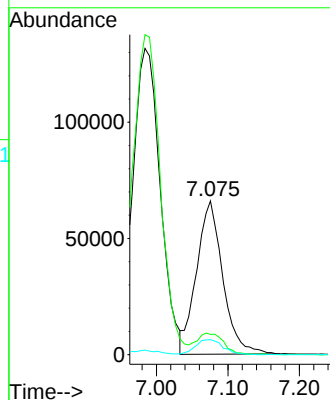
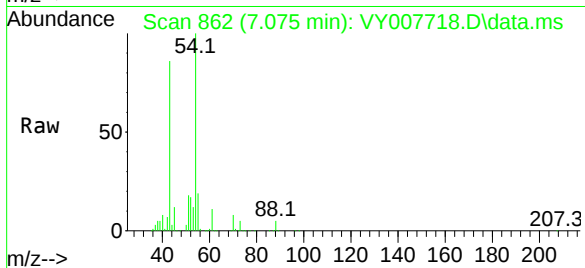
70 10.4 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#38

Carbon Tetrachloride

Concen: 53.136 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

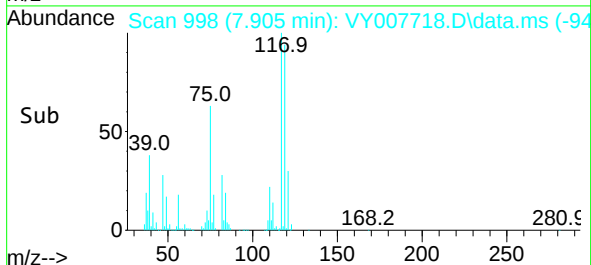
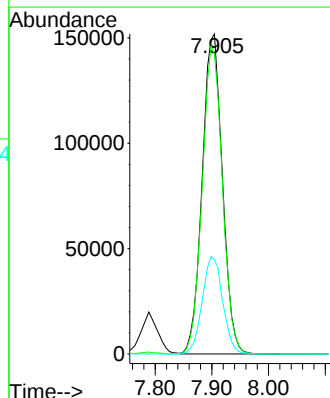
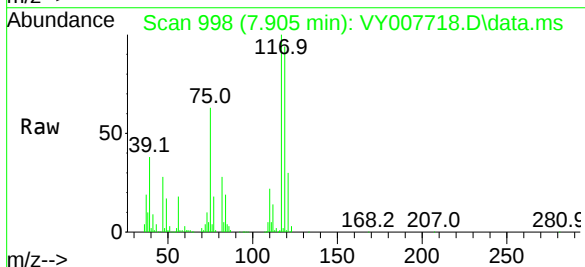
Tgt Ion:117 Resp: 375986

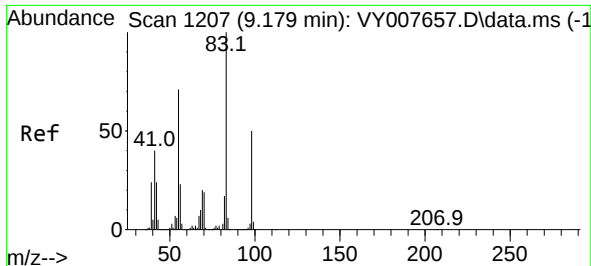
Ion Ratio Lower Upper

117 100

119 93.7 77.9 116.9

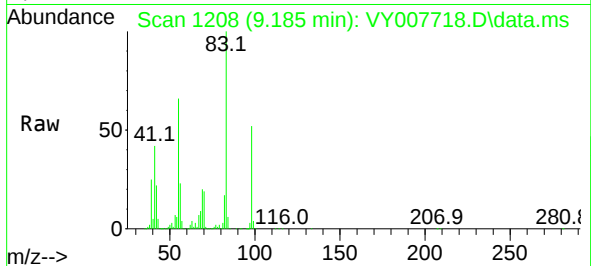
121 29.5 24.8 37.2





#39
Methylcyclohexane
Concen: 48.823 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

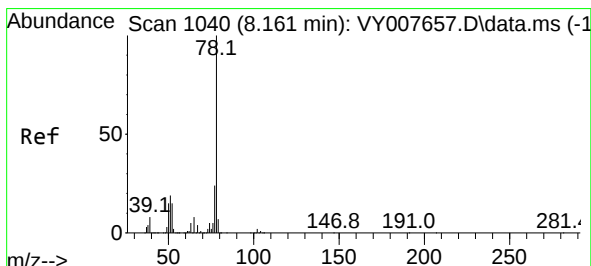
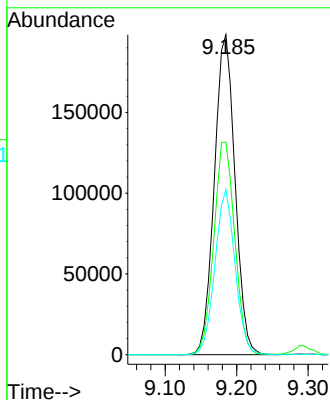
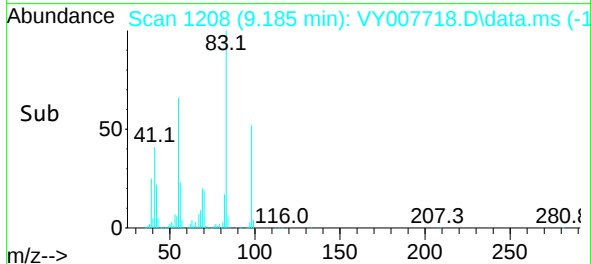
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 398017
Ion Ratio Lower Upper
83 100
55 66.4 66.5 99.7
98 51.6 37.9 56.9

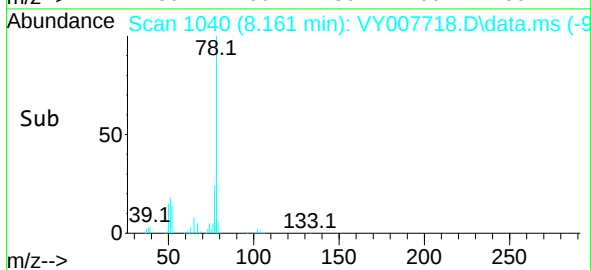
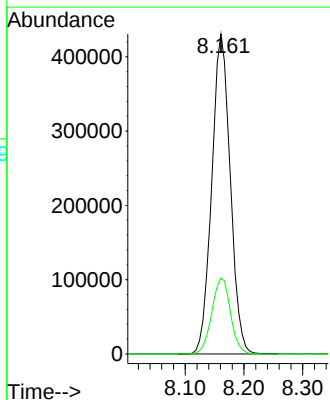
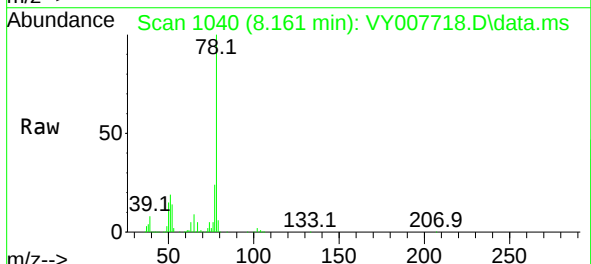
Manual Integrations
APPROVED

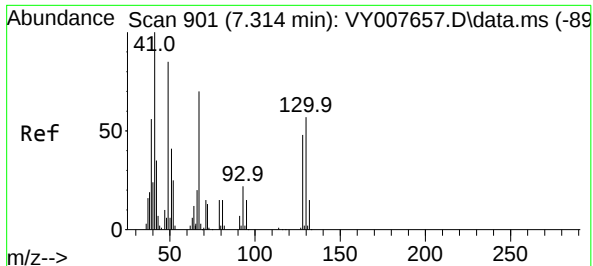
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#40
Benzene
Concen: 50.999 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

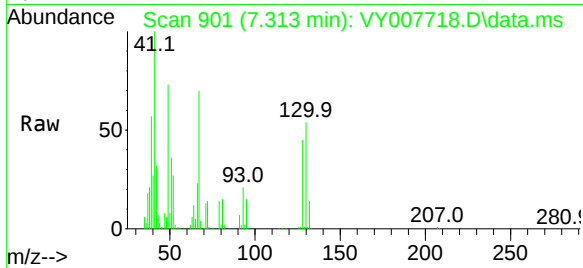
Tgt Ion: 78 Resp: 941477
Ion Ratio Lower Upper
78 100
77 23.8 20.4 30.6





#41
Methacrylonitrile
Concen: 46.922 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. -0.001 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

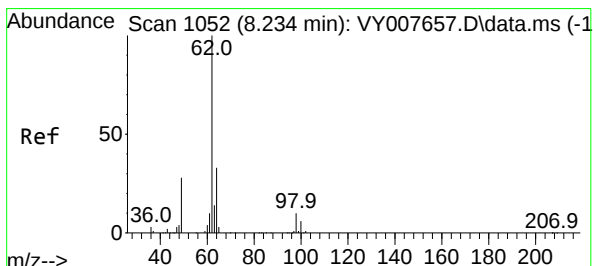
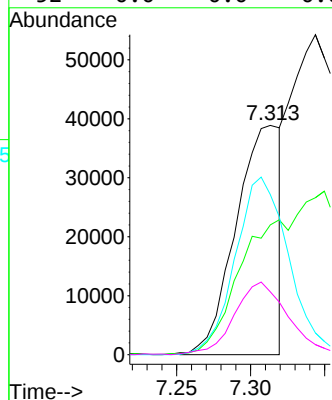
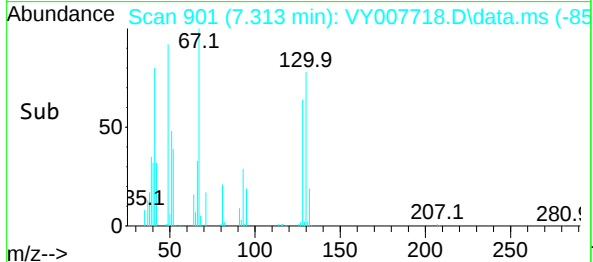
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



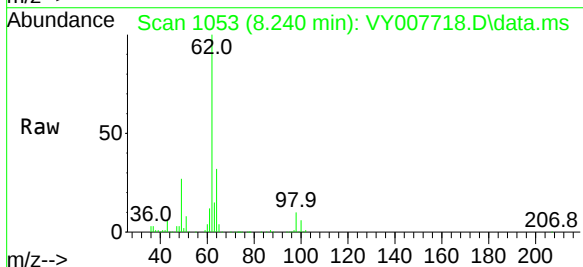
Tgt Ion: 41 Resp: 8215
Ion Ratio Lower Upper
41 100
39 144.9 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

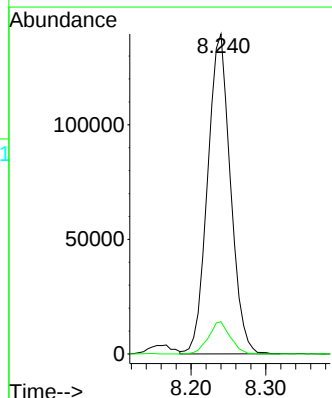
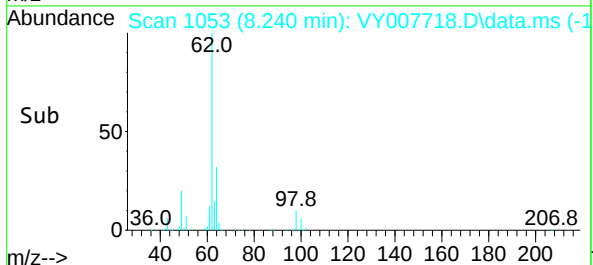
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

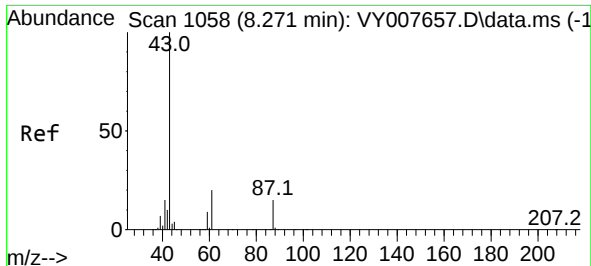


#42
1,2-Dichloroethane
Concen: 51.438 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



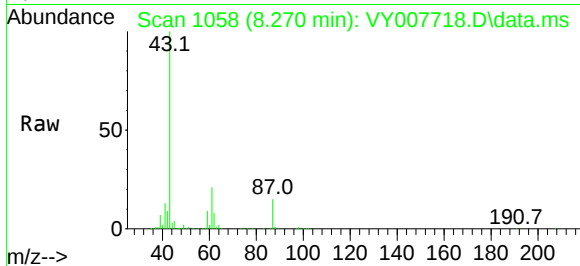
Tgt Ion: 62 Resp: 296304
Ion Ratio Lower Upper
62 100
98 9.6 0.0 14.8





#43
Isopropyl Acetate
Concen: 48.837 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

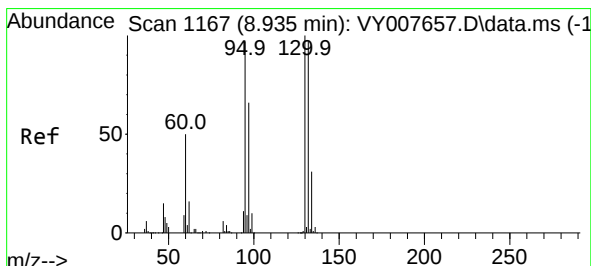
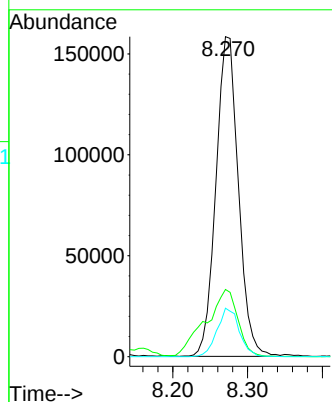
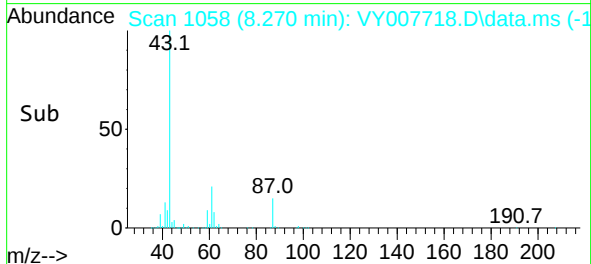
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 330894
Ion Ratio Lower Upper
43 100
61 30.2 20.2 30.2
87 15.1 8.9 13.3

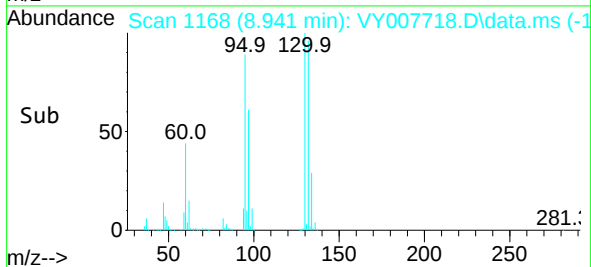
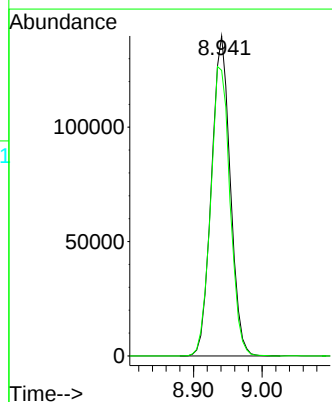
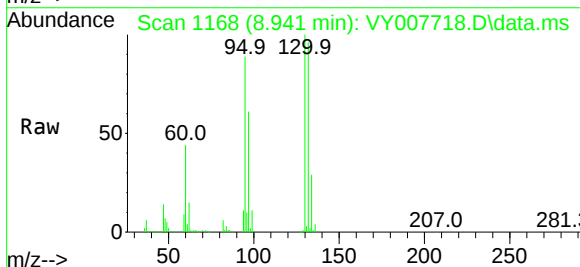
Manual Integrations
APPROVED

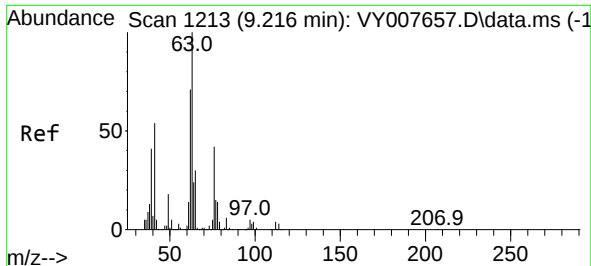
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#44
Trichloroethene
Concen: 51.943 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

Tgt Ion:130 Resp: 266316
Ion Ratio Lower Upper
130 100
95 89.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 50.520 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.001 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 241179

Ion Ratio Lower Upper

63 100

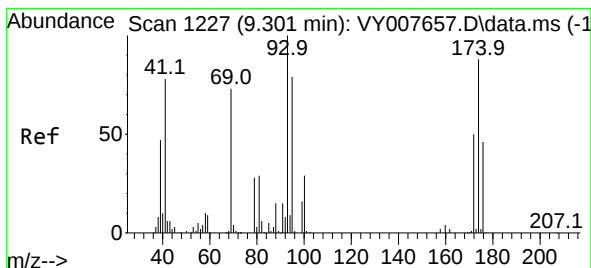
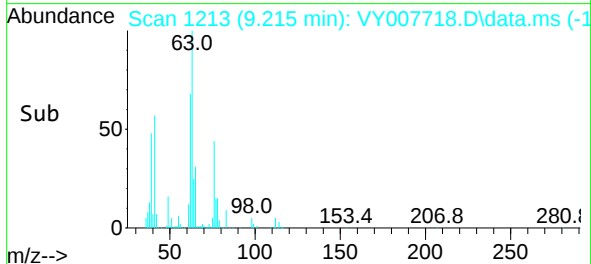
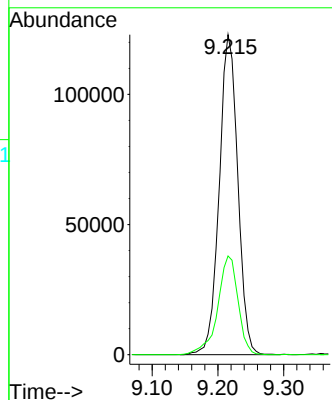
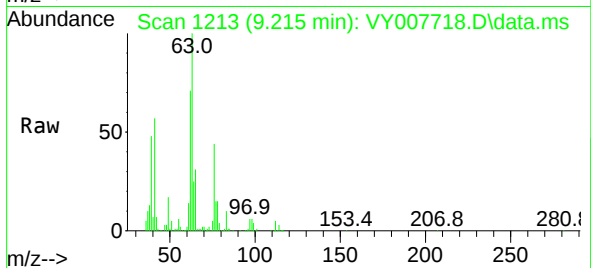
65 30.9 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#46

Dibromomethane

Concen: 52.438 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

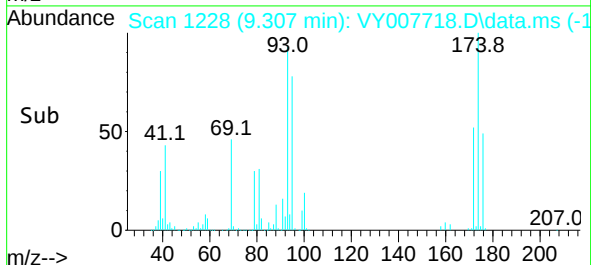
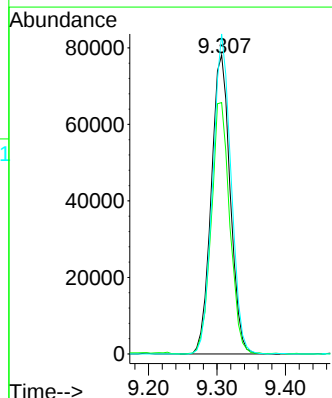
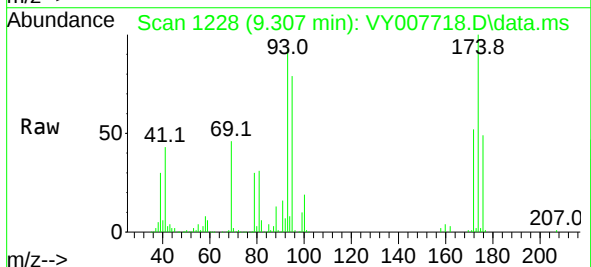
Tgt Ion: 93 Resp: 150269

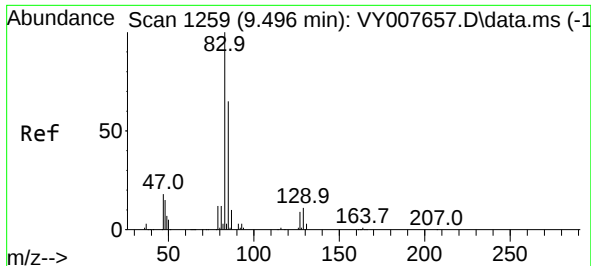
Ion Ratio Lower Upper

93 100

95 82.1 64.3 96.5

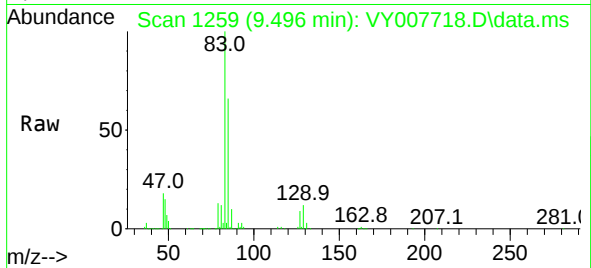
174 103.3 83.4 125.0





#47
Bromodichloromethane
Concen: 53.898 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

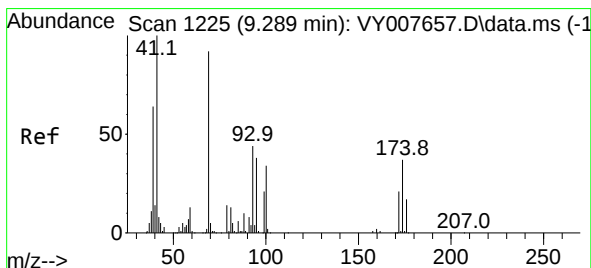
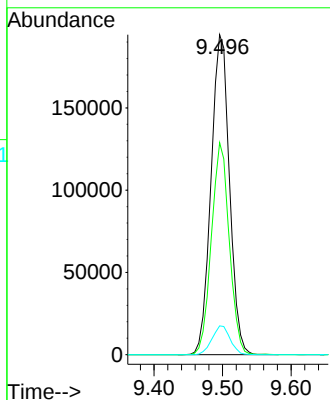
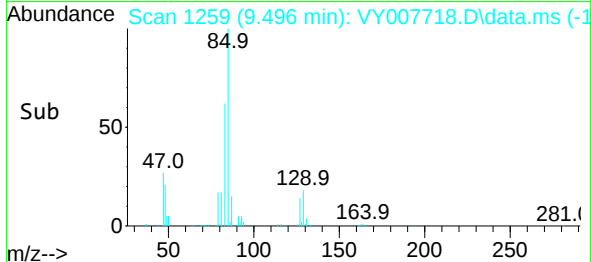
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



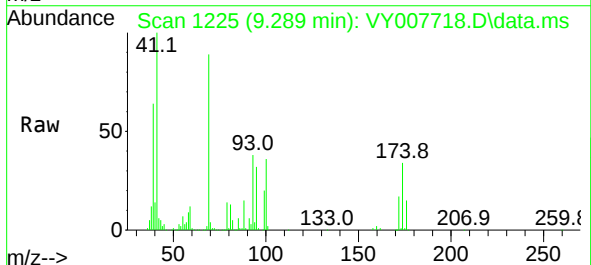
Tgt Ion: 83 Resp: 362260
Ion Ratio Lower Upper
83 100
85 66.3 51.9 77.9
127 9.0 6.6 10.0

Manual Integrations
APPROVED

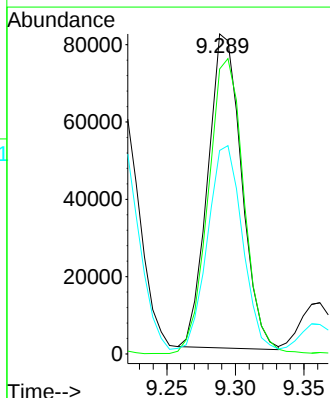
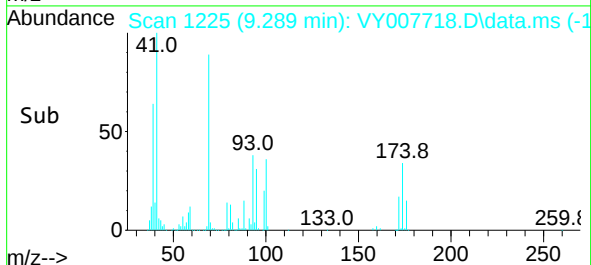
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

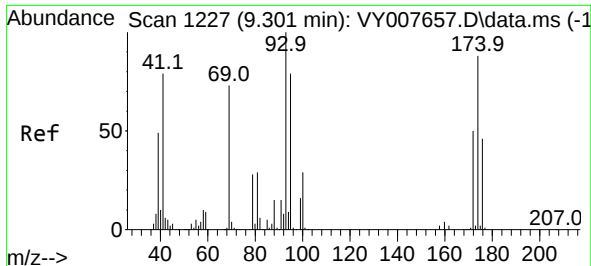


#48
Methyl methacrylate
Concen: 47.384 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



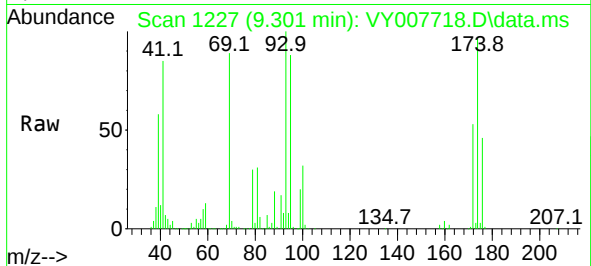
Tgt Ion: 41 Resp: 139158
Ion Ratio Lower Upper
41 100
69 98.8 58.2 87.2#
39 69.7 47.4 71.0





#49
1,4-Dioxane
Concen: 988.786 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

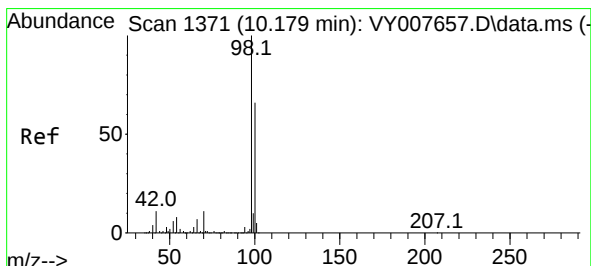
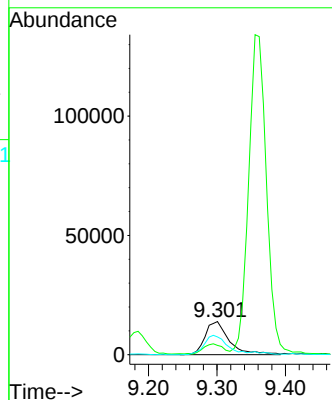
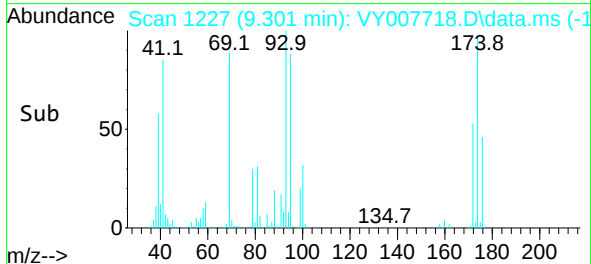
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 34208
Ion Ratio Lower Upper
88 100
43 26.4 32.8 49.2
58 55.9 59.8 89.6

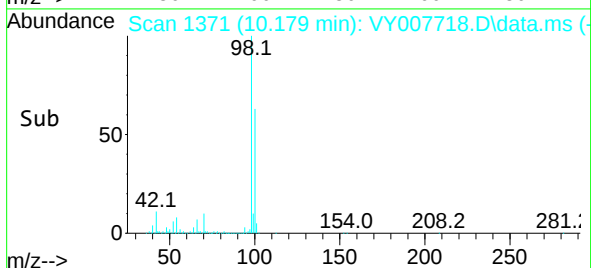
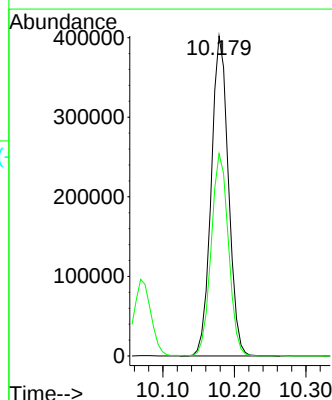
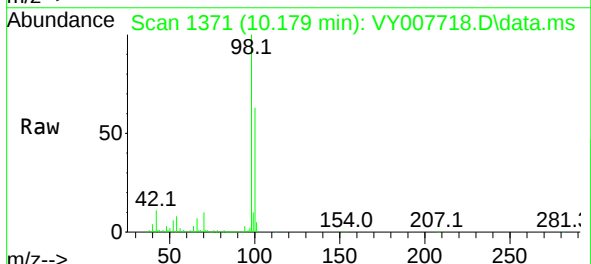
Manual Integrations
APPROVED

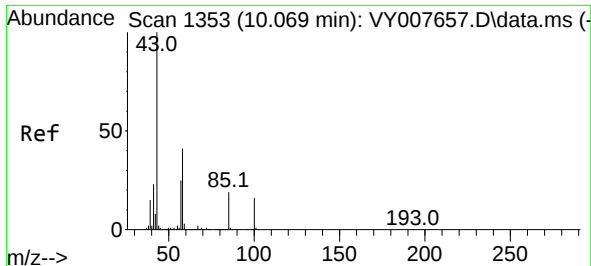
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#50
Toluene-d8
Concen: 43.129 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

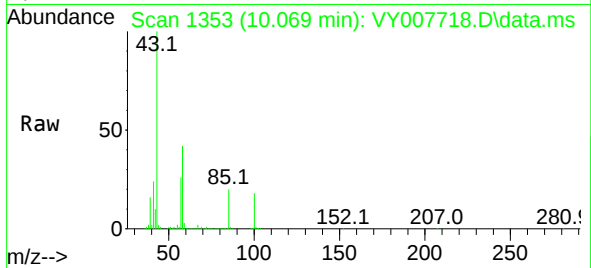
Tgt Ion: 98 Resp: 669450
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 241.492 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

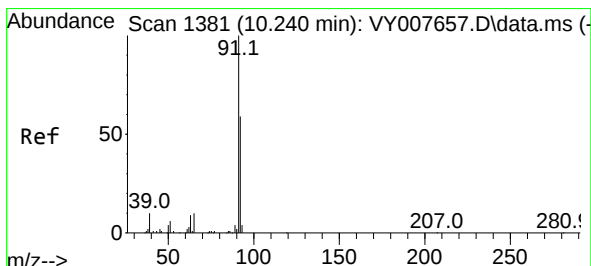
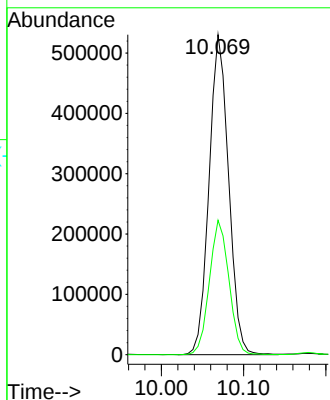
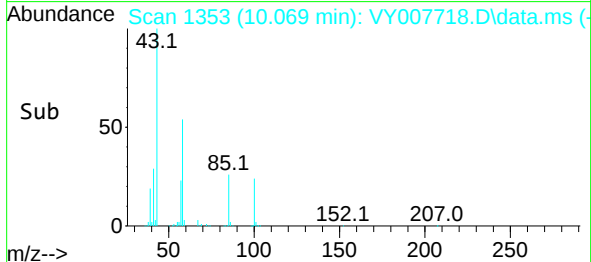
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



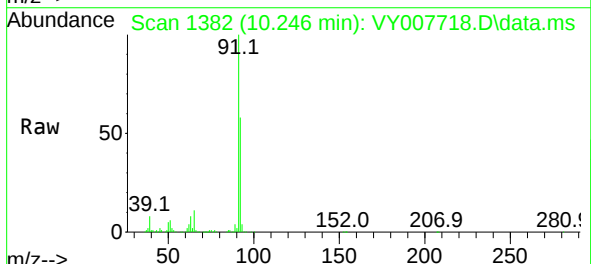
Tgt Ion: 43 Resp: 875480
Ion Ratio Lower Upper
43 100
58 42.1 28.1 42.1

Manual Integrations
APPROVED

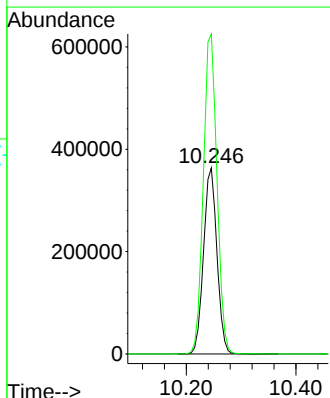
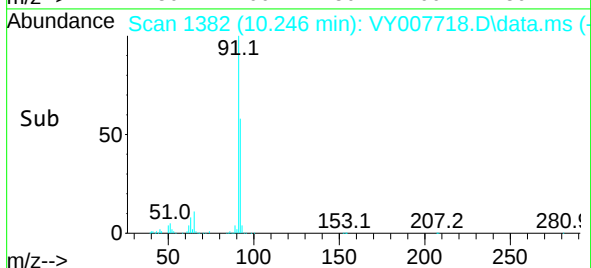
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

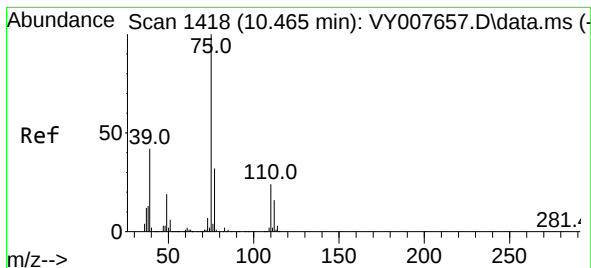


#52
Toluene
Concen: 51.376 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



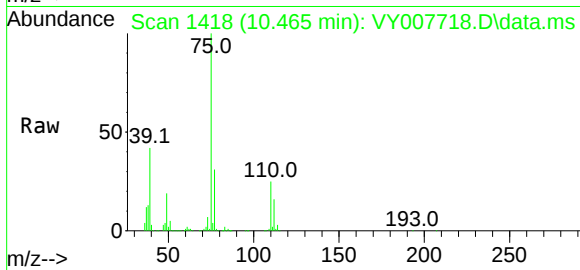
Tgt Ion: 92 Resp: 613243
Ion Ratio Lower Upper
92 100
91 175.0 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 52.101 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

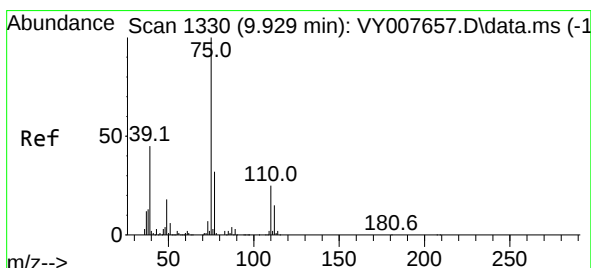
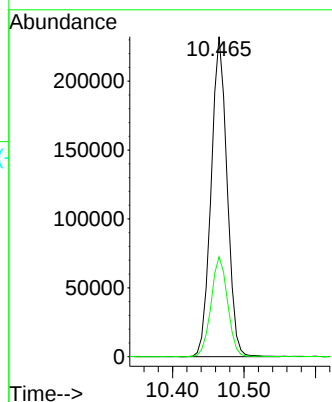
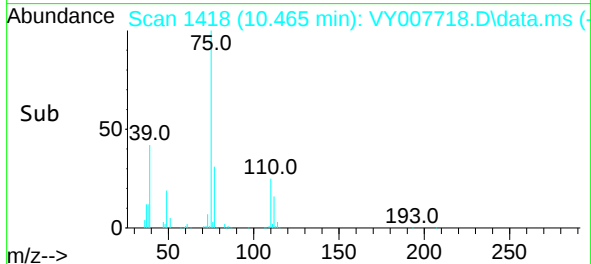
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 359530
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

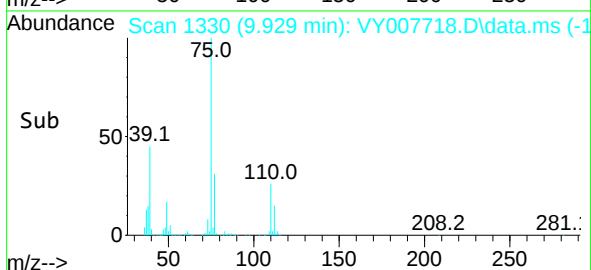
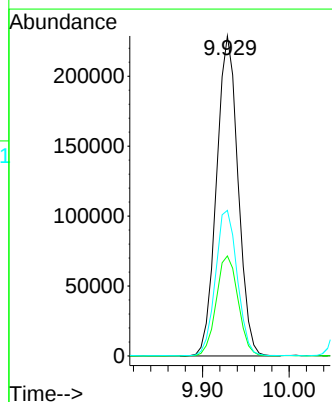
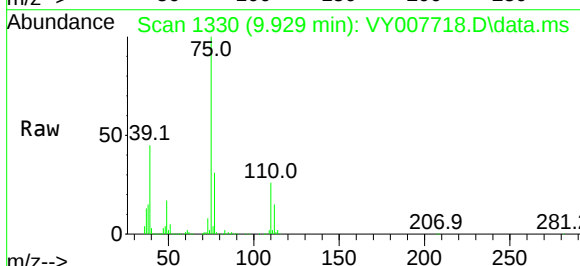
Manual Integrations
APPROVED

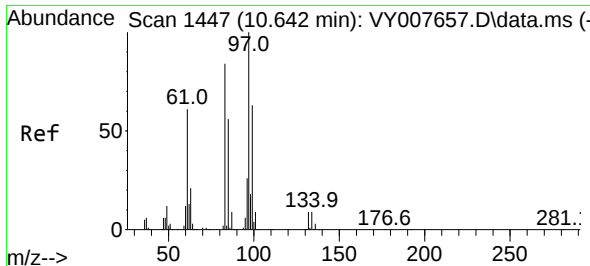
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#54
cis-1,3-Dichloropropene
Concen: 51.850 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

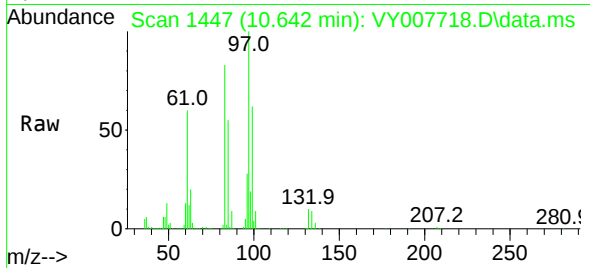
Tgt Ion: 75 Resp: 395308
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4
39 45.4 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 53.590 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

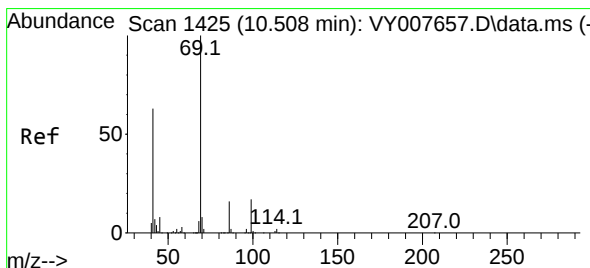
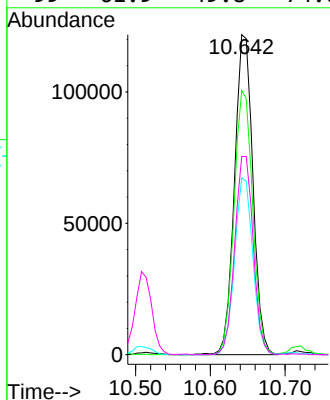
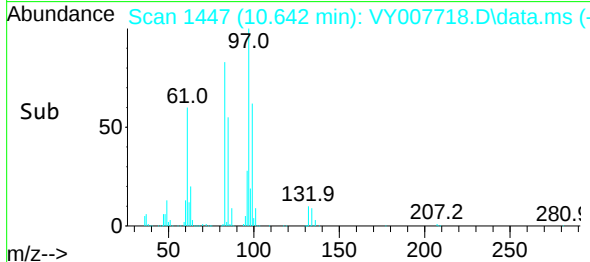
Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050



Tgt Ion: 97 Resp: 208922
Ion Ratio Lower Upper
97 100
83 82.6 69.8 104.8
85 55.1 44.3 66.5
99 61.9 49.8 74.6

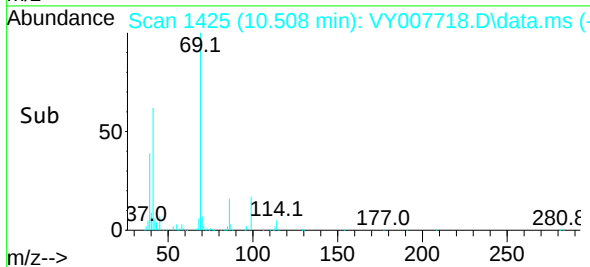
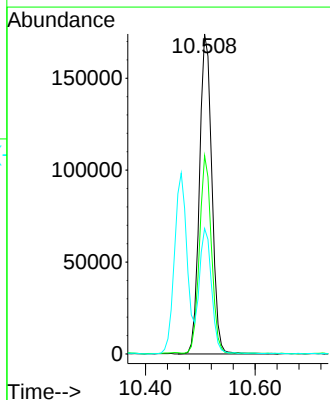
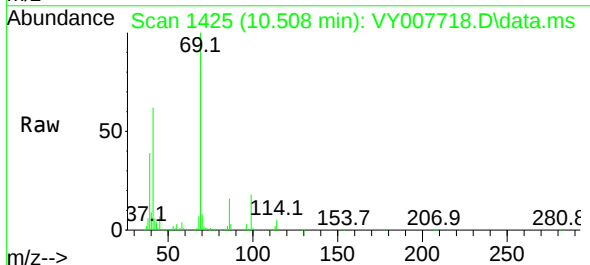
Manual Integrations
APPROVED

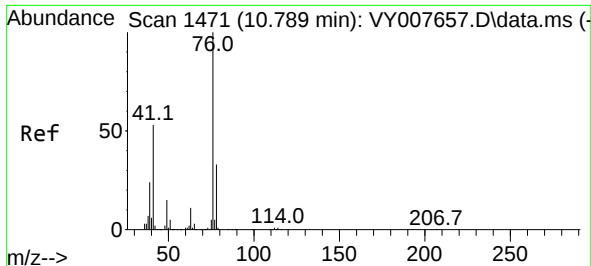
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#56
Ethyl methacrylate
Concen: 52.786 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

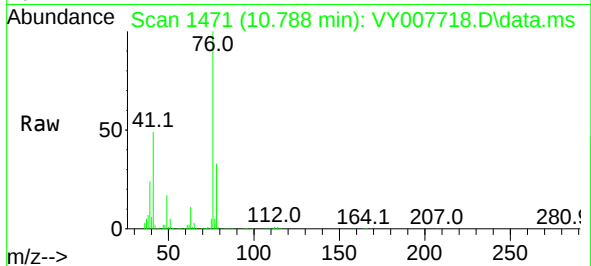
Tgt Ion: 69 Resp: 273211
Ion Ratio Lower Upper
69 100
41 59.4 63.4 95.0#
39 37.5 35.8 53.8





#57
1,3-Dichloropropane
Concen: 52.259 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

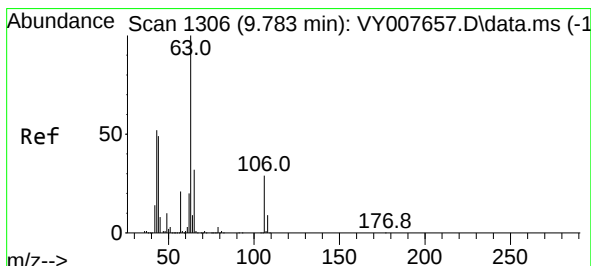
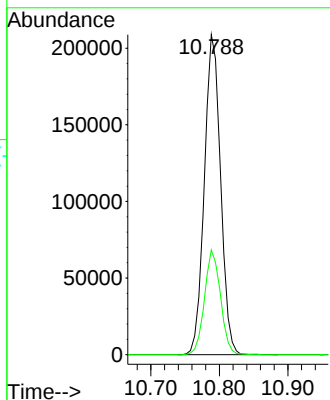
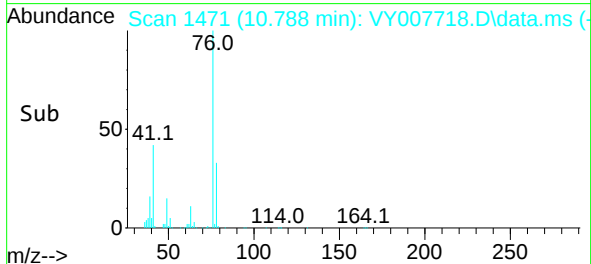
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



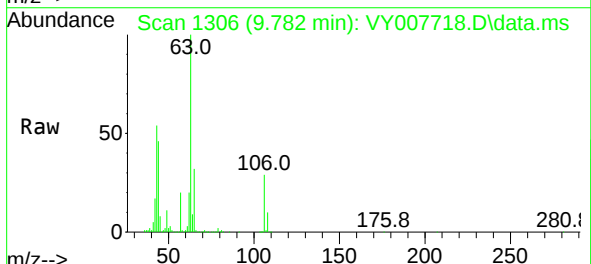
Tgt Ion: 76 Resp: 344510
Ion Ratio Lower Upper
76 100
78 32.3 25.0 37.6

Manual Integrations
APPROVED

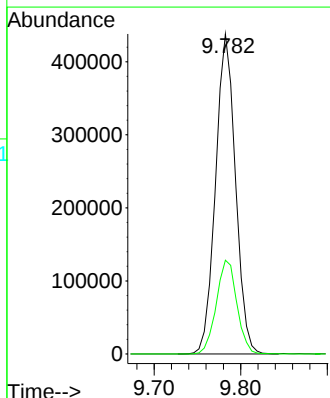
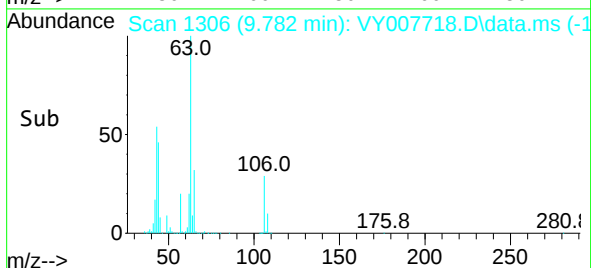
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

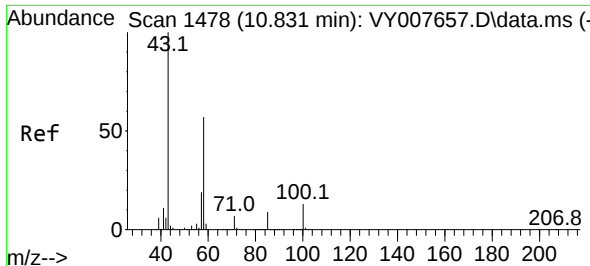


#58
2-Chloroethyl Vinyl ether
Concen: 247.690 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.001 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



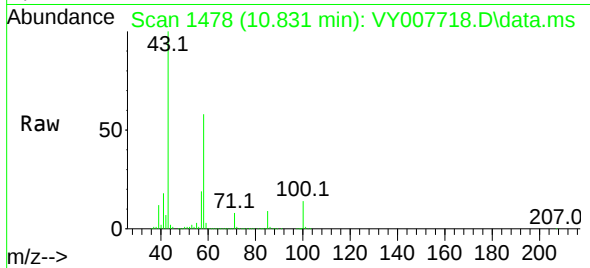
Tgt Ion: 63 Resp: 699153
Ion Ratio Lower Upper
63 100
106 30.3 21.5 32.3





#59
2-Hexanone
Concen: 241.843 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

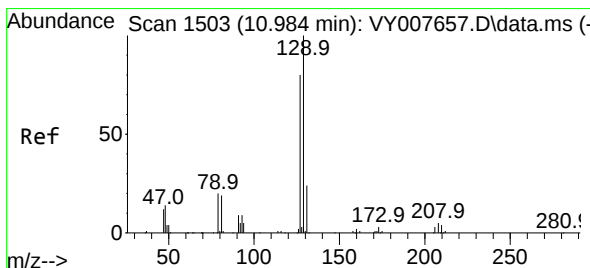
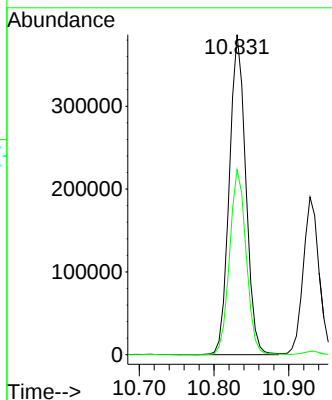
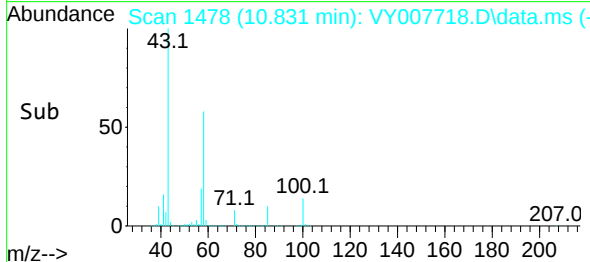
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



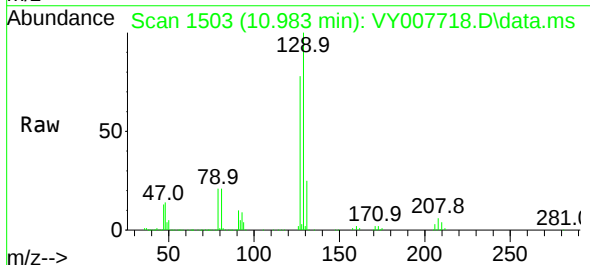
Tgt Ion: 43 Resp: 590420
Ion Ratio Lower Upper
43 100
58 58.1 24.4 73.4

Manual Integrations
APPROVED

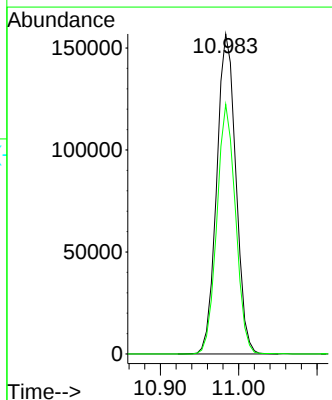
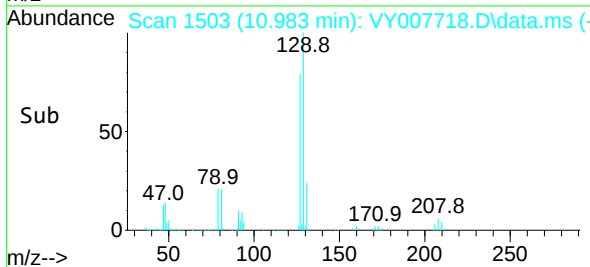
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

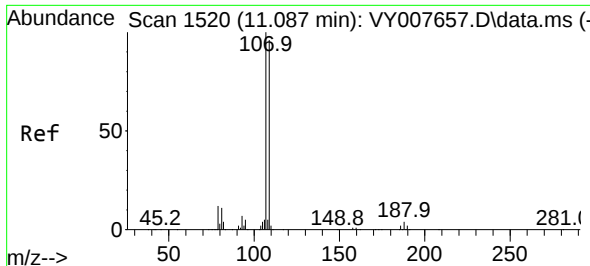


#60
Dibromochloromethane
Concen: 57.455 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



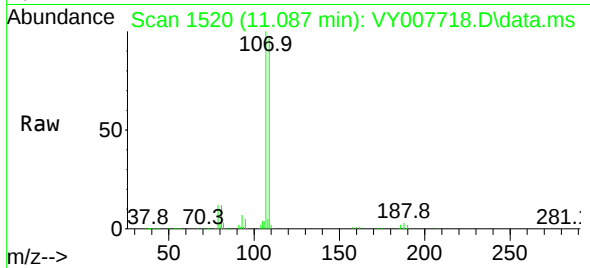
Tgt Ion:129 Resp: 266711
Ion Ratio Lower Upper
129 100
127 76.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 53.999 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

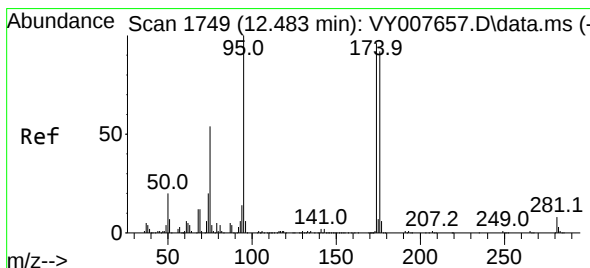
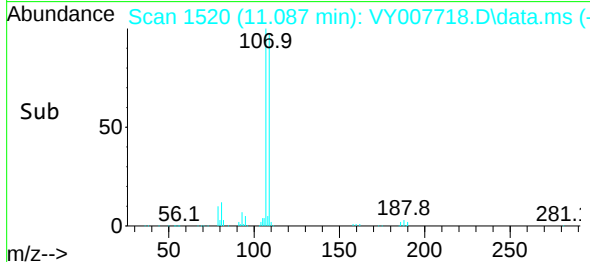
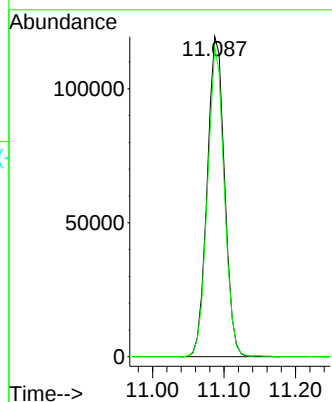
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 200654
Ion Ratio Lower Upper
107 100
109 93.8 75.4 113.2

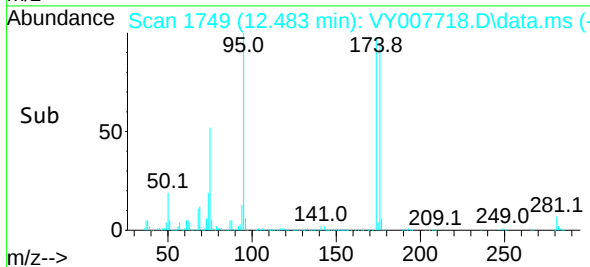
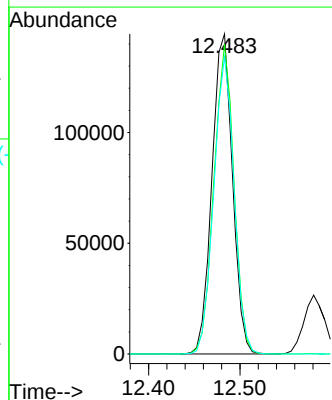
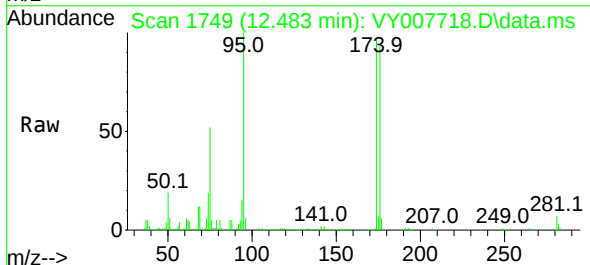
Manual Integrations
APPROVED

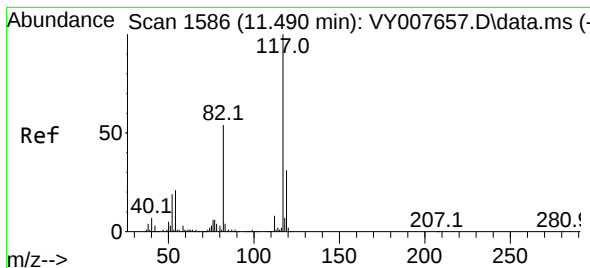
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#62
4-Bromofluorobenzene
Concen: 45.030 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

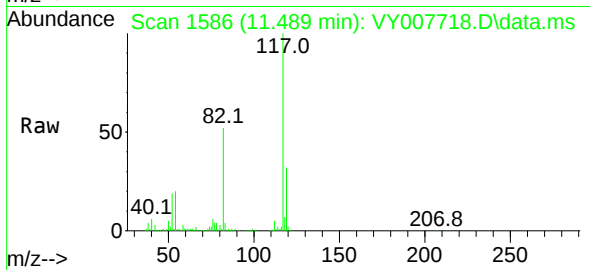
Tgt Ion: 95 Resp: 225303
Ion Ratio Lower Upper
95 100
174 94.8 0.0 177.0
176 91.9 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

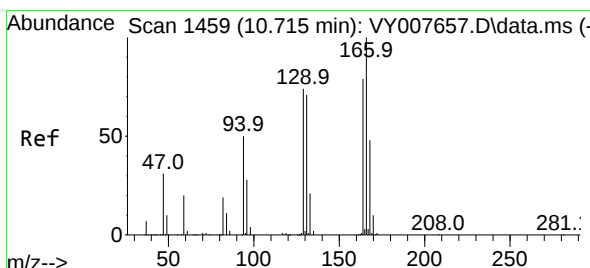
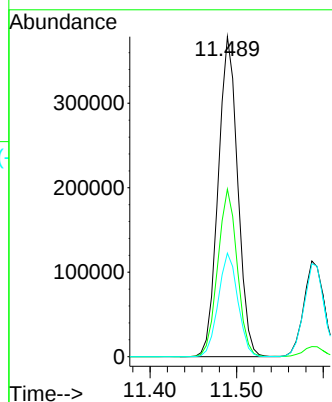
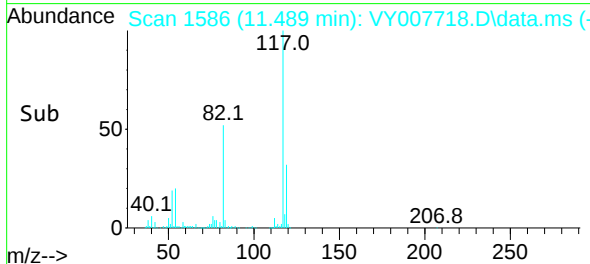
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



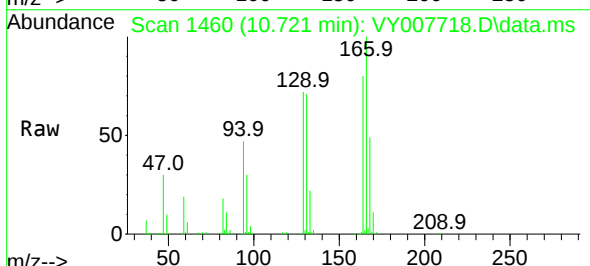
Tgt Ion:117 Resp: 593749
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.4 25.4 38.0

Manual Integrations
APPROVED

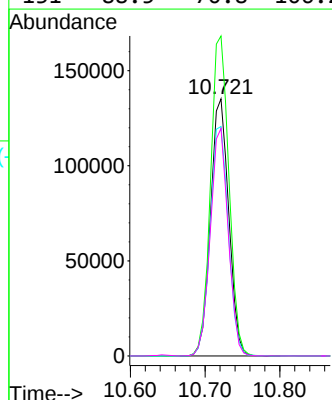
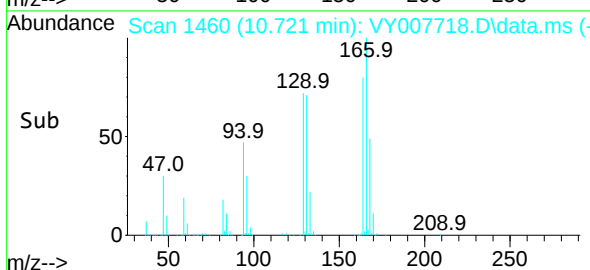
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

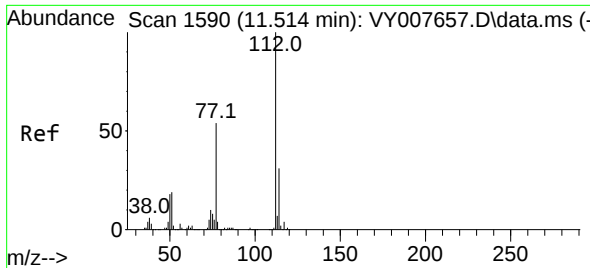


#64
Tetrachloroethene
Concen: 52.000 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



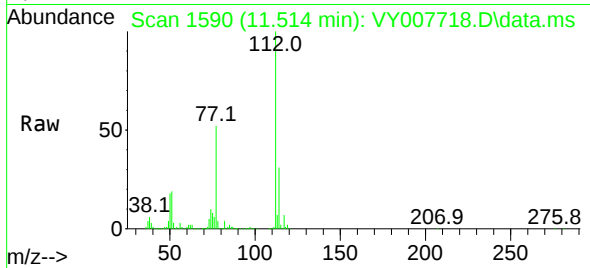
Tgt Ion:164 Resp: 228859
Ion Ratio Lower Upper
164 100
166 124.4 100.4 150.6
129 89.2 71.4 107.0
131 88.5 70.8 106.2





#65
Chlorobenzene
Concen: 53.268 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

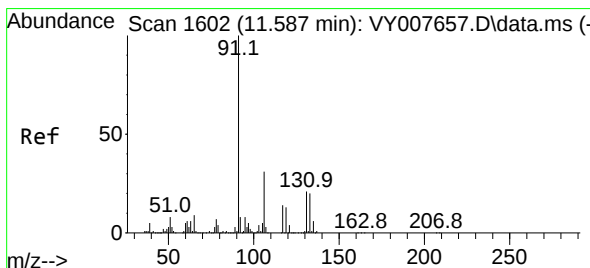
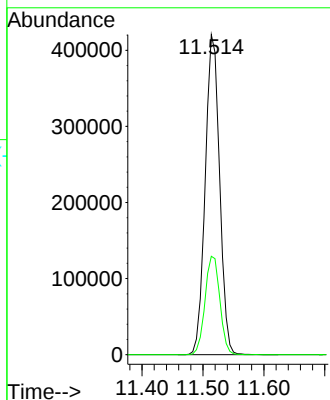
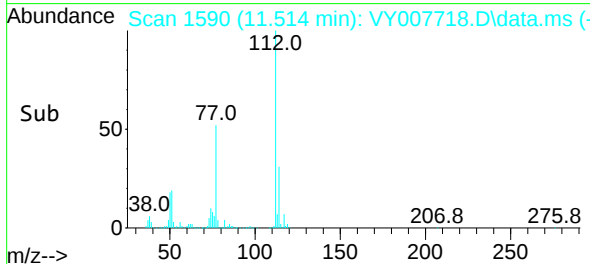
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 68905
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6

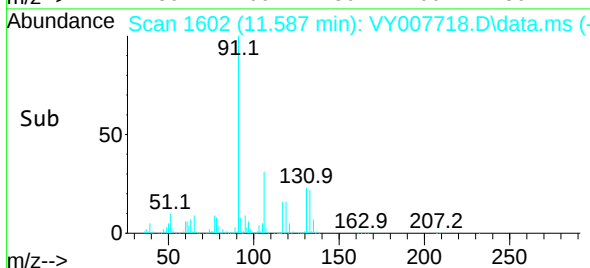
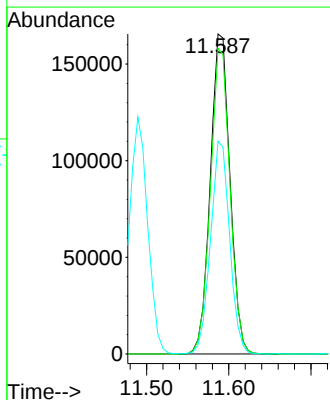
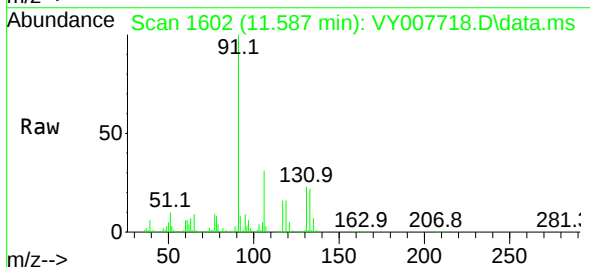
Manual Integrations
APPROVED

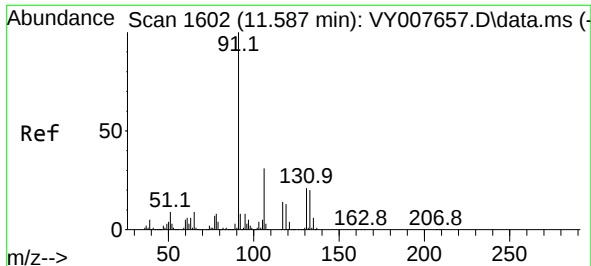
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 56.872 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

Tgt Ion:131 Resp: 275110
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.6
119 64.6 30.8 92.3





#67

Ethyl Benzene

Concen: 52.581 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1226610

Ion Ratio Lower Upper

91 100

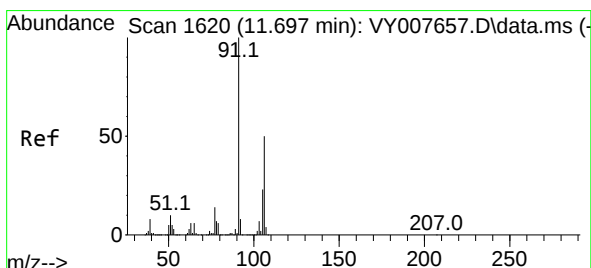
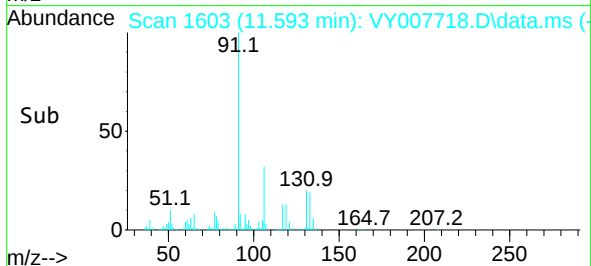
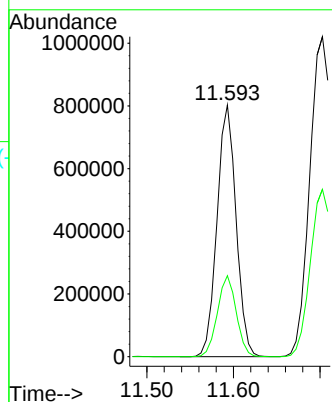
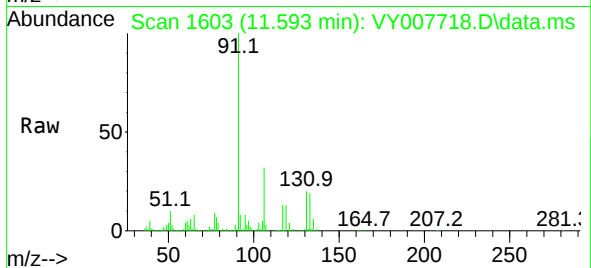
106 32.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#68

m/p-Xylenes

Concen: 108.243 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY007718.D

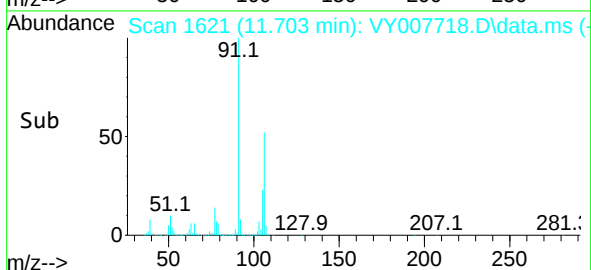
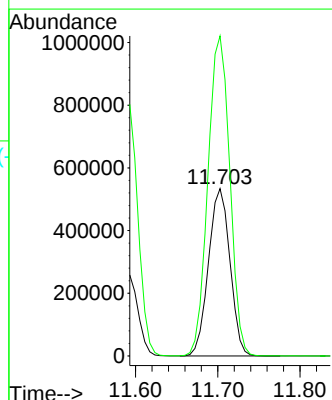
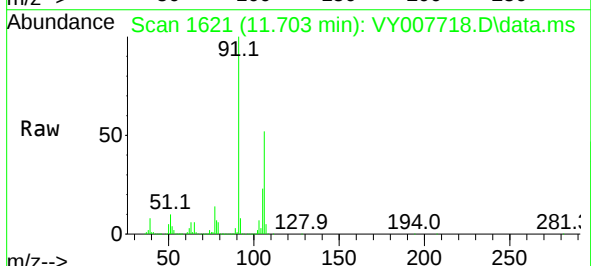
Acq: 03 Mar 2022 21:25

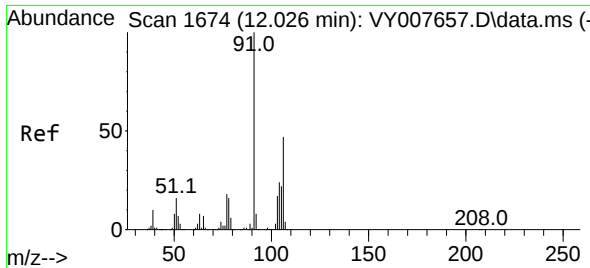
Tgt Ion:106 Resp: 968865

Ion Ratio Lower Upper

106 100

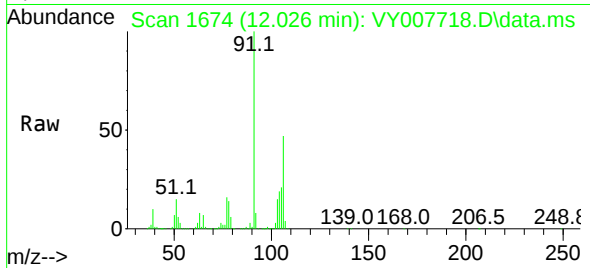
91 194.6 166.6 249.8





#69
o-Xylene
Concen: 53.968 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

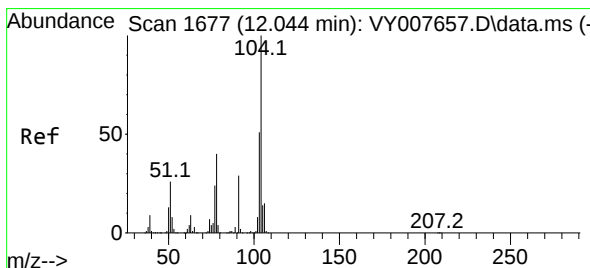
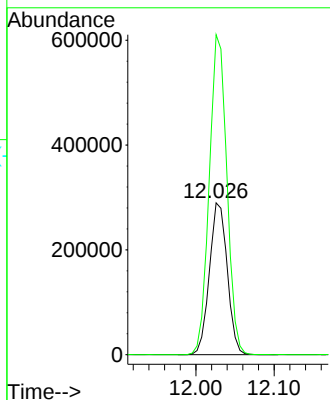
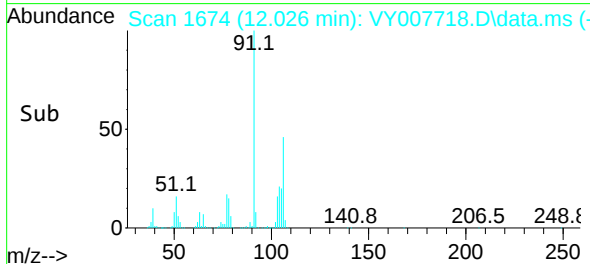
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



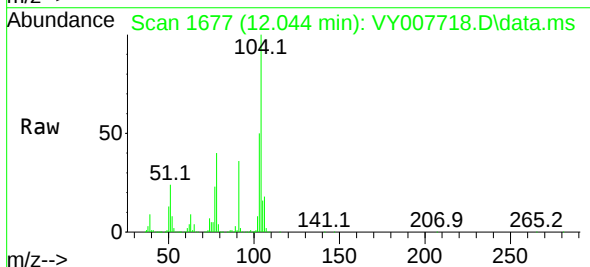
Tgt Ion:106 Resp: 45775
Ion Ratio Lower Upper
106 100
91 207.9 110.3 331.0

Manual Integrations
APPROVED

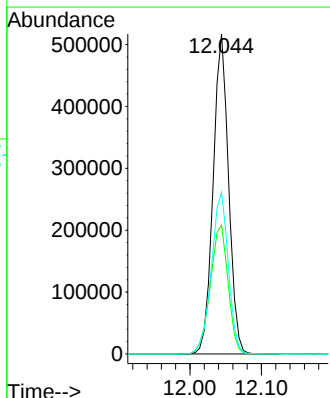
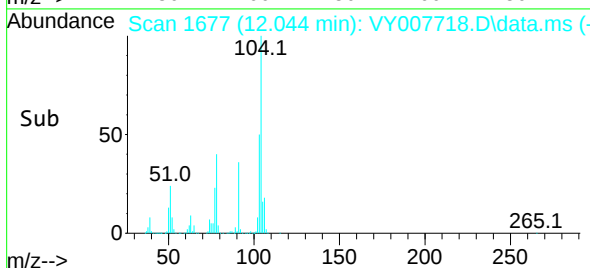
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

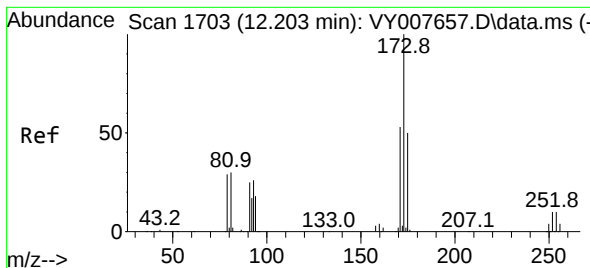


#70
Styrene
Concen: 54.529 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



Tgt Ion:104 Resp: 774435
Ion Ratio Lower Upper
104 100
78 46.2 42.4 63.6
103 55.6 44.4 66.6





#71

Bromoform

Concen: 56.427 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 16995

Ion Ratio Lower Upper

173 100

175 49.4 24.6 74.0

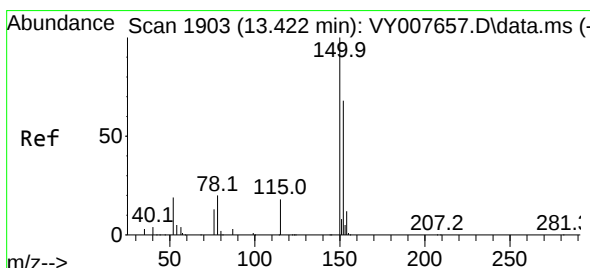
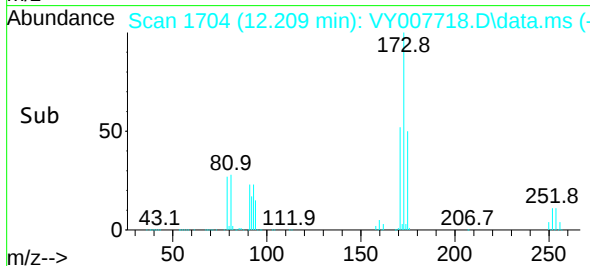
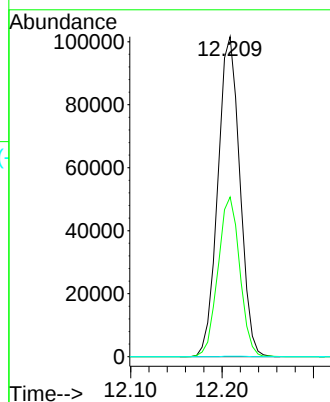
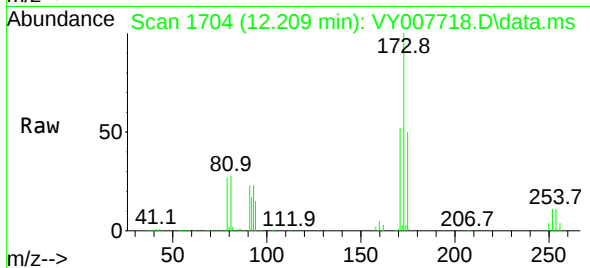
254 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

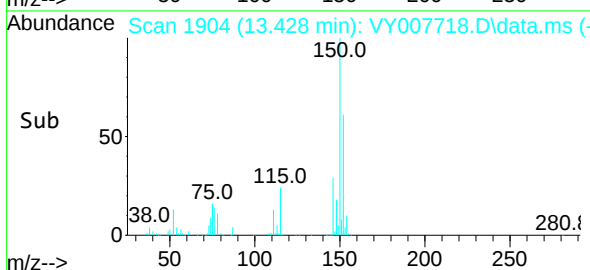
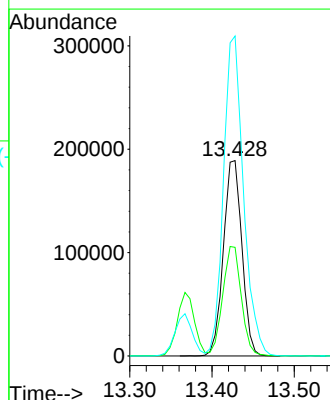
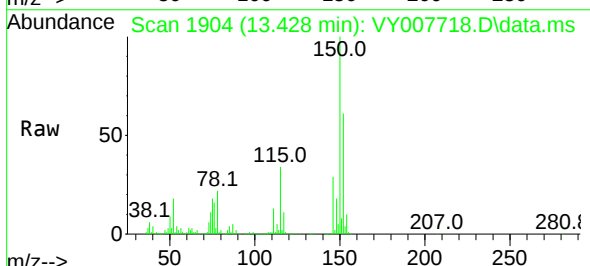
Tgt Ion:152 Resp: 296511

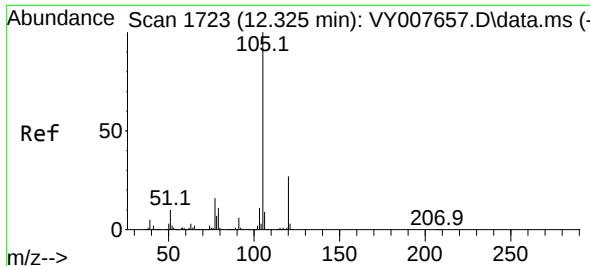
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

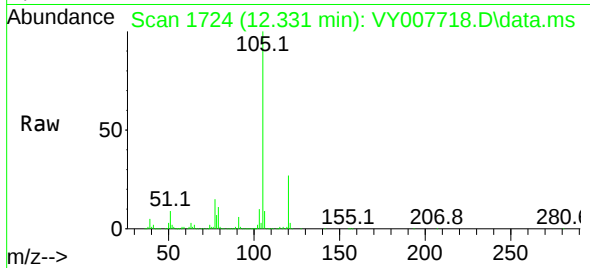
150 176.9 0.0 347.6





#73
Isopropylbenzene
Concen: 53.332 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

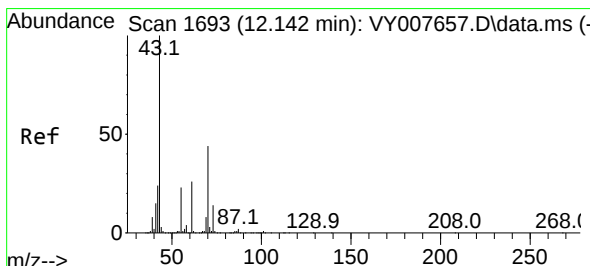
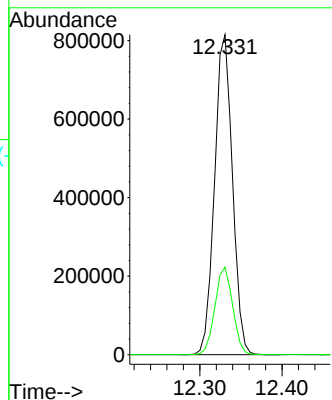
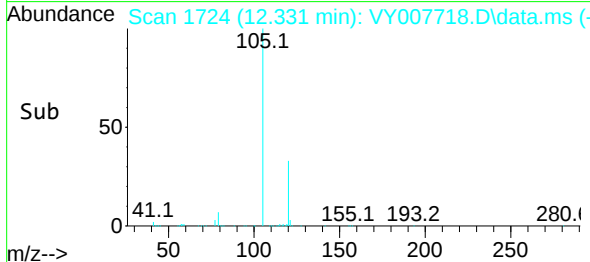
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



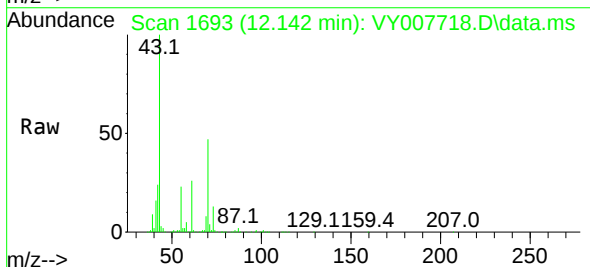
Tgt Ion:105 Resp: 1231950
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

Manual Integrations
APPROVED

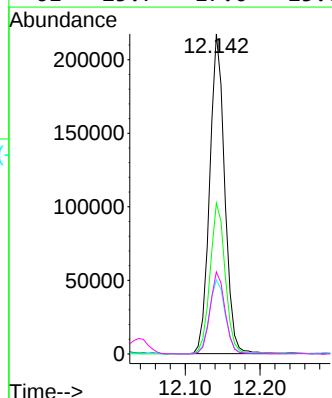
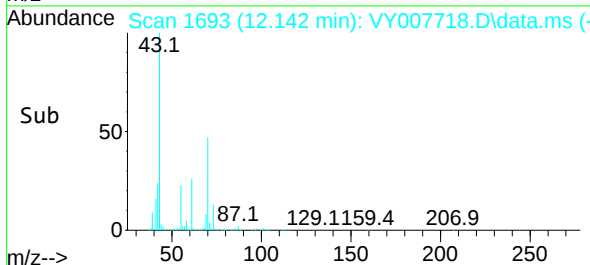
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

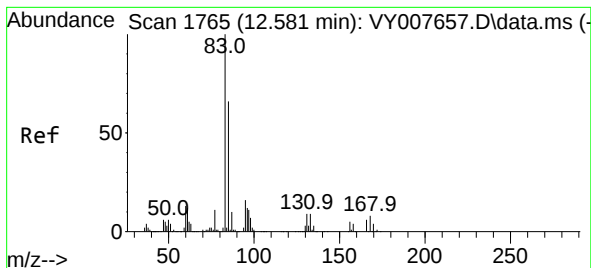


#74
N-ethyl acetate
Concen: 49.186 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



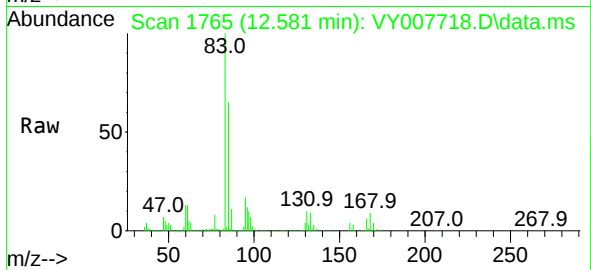
Tgt Ion: 43 Resp: 302448
Ion Ratio Lower Upper
43 100
70 47.7 28.7 43.1#
55 24.9 17.3 25.9
61 25.7 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 51.102 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

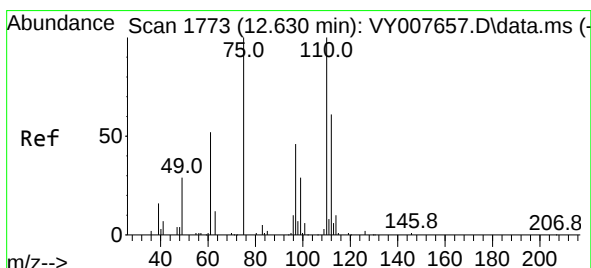
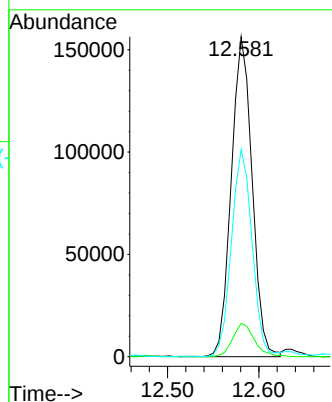
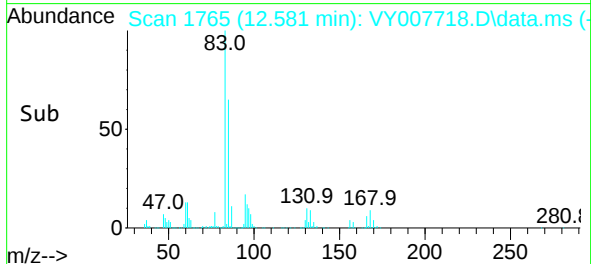
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



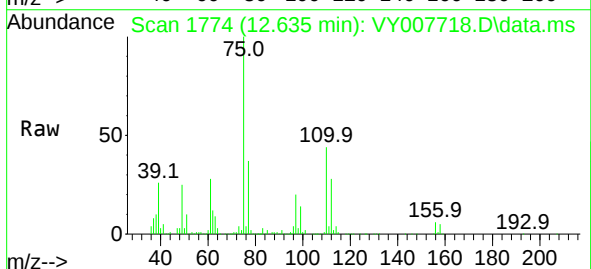
Tgt Ion: 83 Resp: 247582
Ion Ratio Lower Upper
83 100
131 10.9 5.6 16.8
85 64.1 32.3 96.8

Manual Integrations
APPROVED

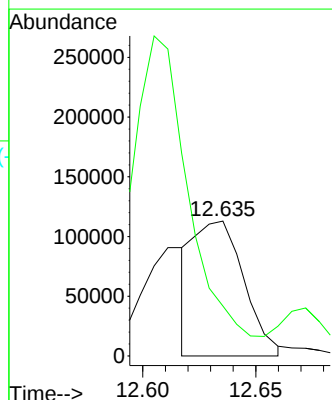
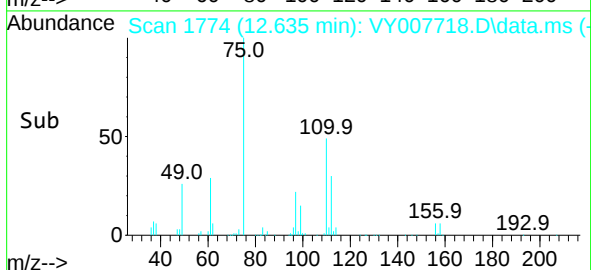
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

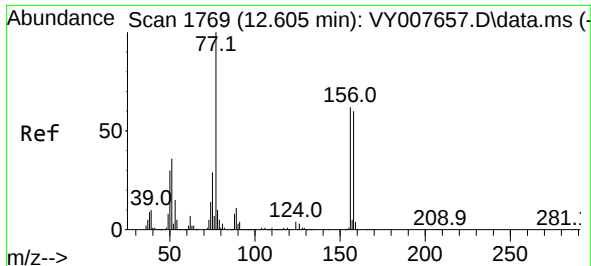


#76
1,2,3-Trichloropropane
Concen: 53.171 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. 0.005 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



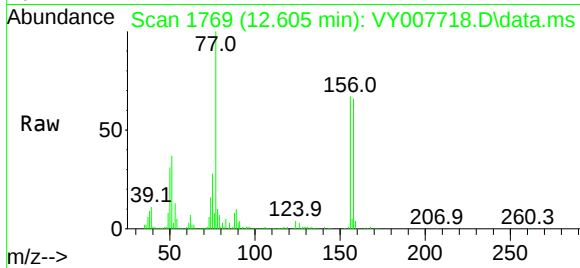
Tgt Ion: 75 Resp: 176067
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 54.765 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

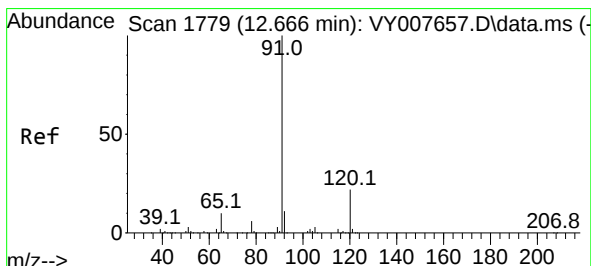
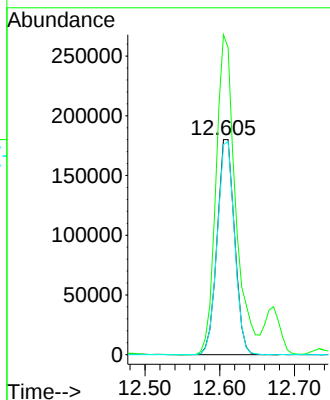
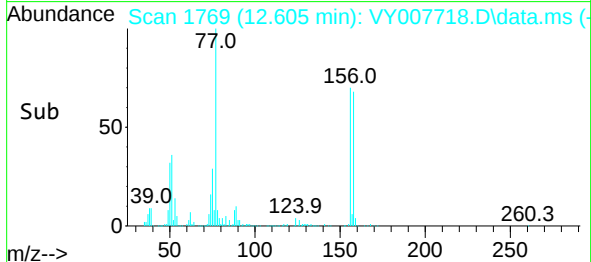
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



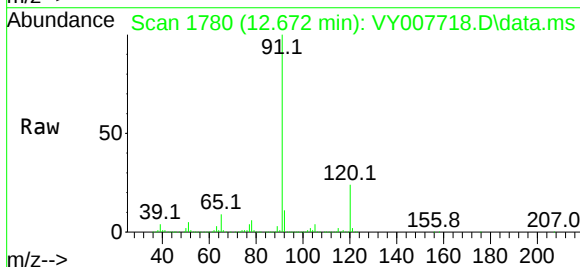
Tgt Ion:156 Resp: 29138
Ion Ratio Lower Upper
156 100
77 167.3 95.5 286.4
158 98.4 48.0 144.0

Manual Integrations
APPROVED

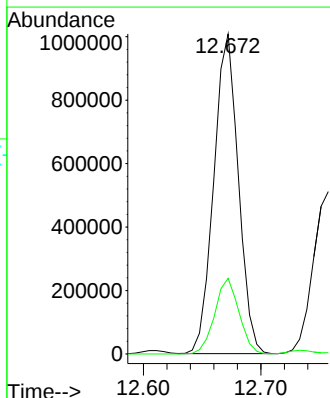
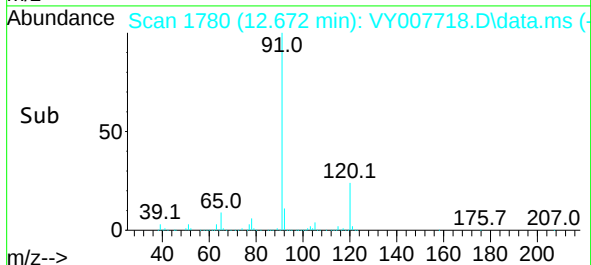
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

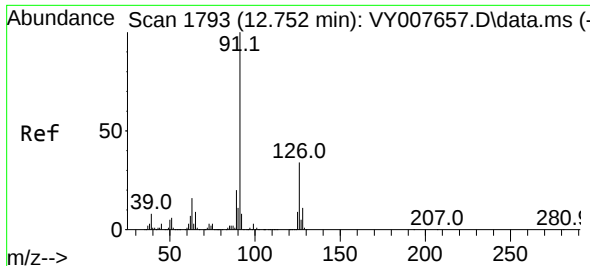


#78
n-propylbenzene
Concen: 52.534 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



Tgt Ion: 91 Resp: 1464325
Ion Ratio Lower Upper
91 100
120 23.3 11.3 33.9





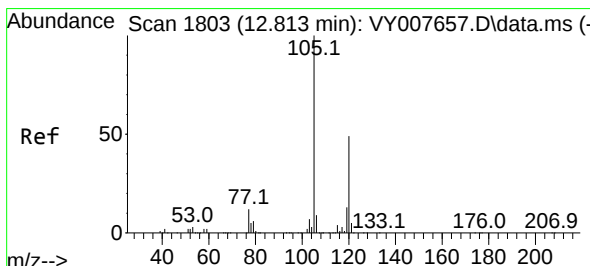
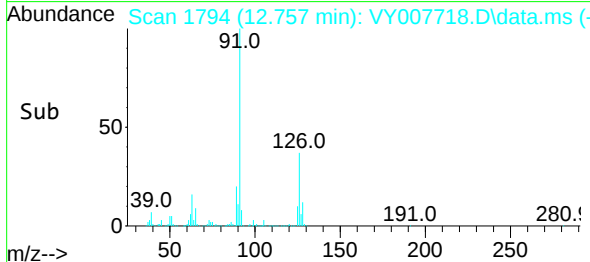
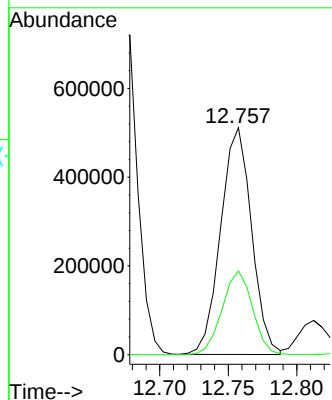
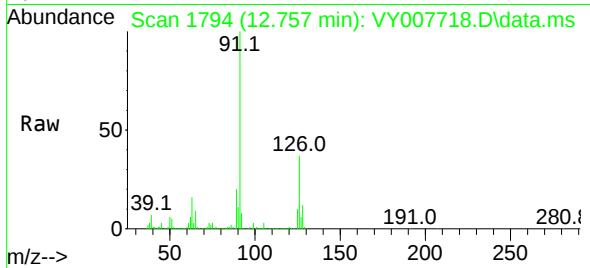
#79
2-Chlorotoluene
Concen: 53.812 ug/l
RT: 12.757 min Scan# 1793
Delta R.T. 0.005 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 80265
Ion Ratio Lower Upper
91 100
126 36.2 16.9 50.6

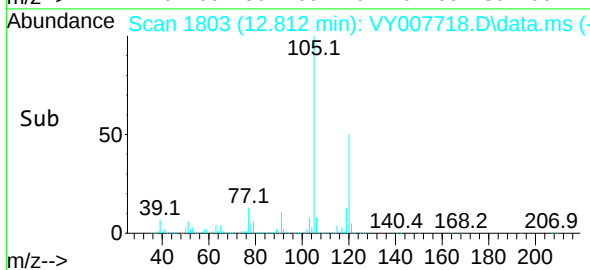
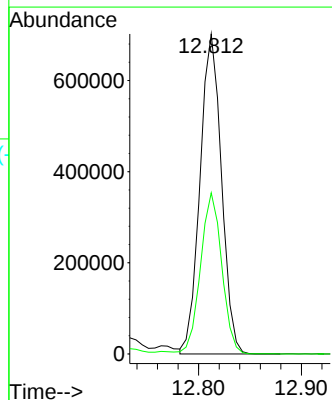
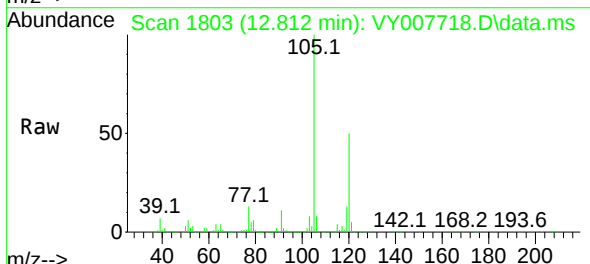
Manual Integrations
APPROVED

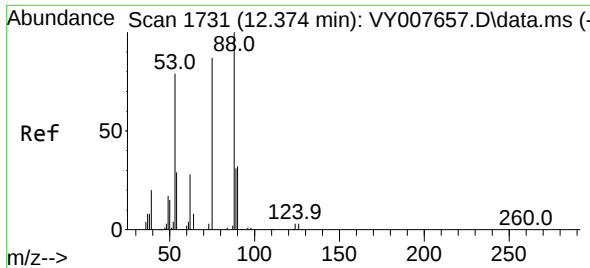
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 55.164 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

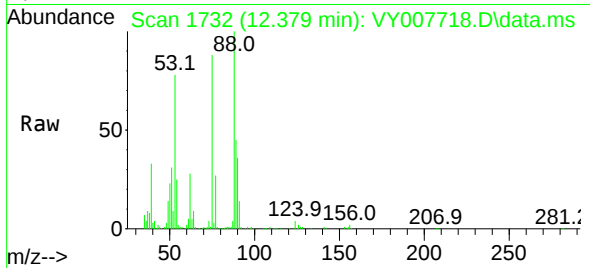
Tgt Ion:105 Resp: 1018920
Ion Ratio Lower Upper
105 100
120 50.1 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 49.450 ug/l
RT: 12.379 min Scan# 1731
Delta R.T. 0.005 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

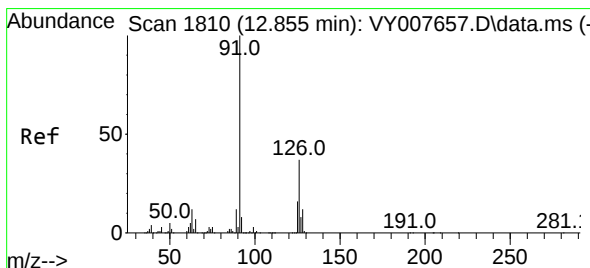
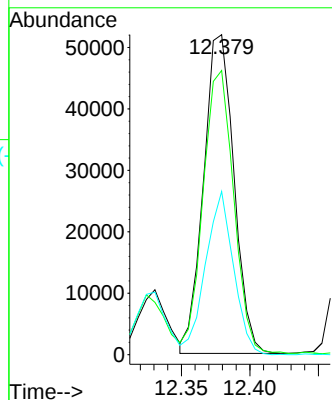
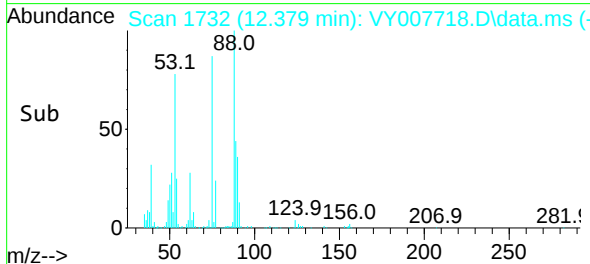
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 80090
Ion Ratio Lower Upper
75 100
53 89.4 85.3 127.9
89 47.2 37.0 55.4

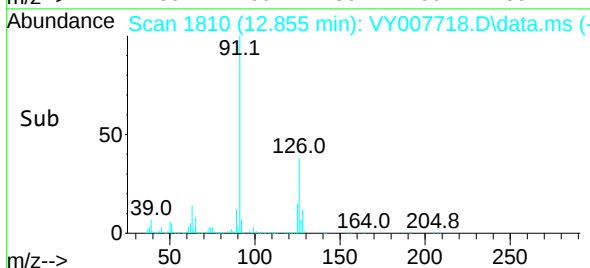
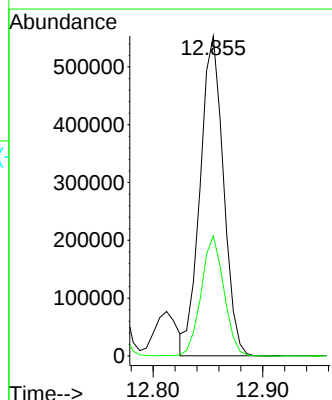
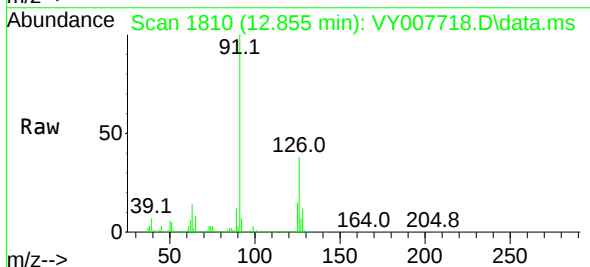
Manual Integrations
APPROVED

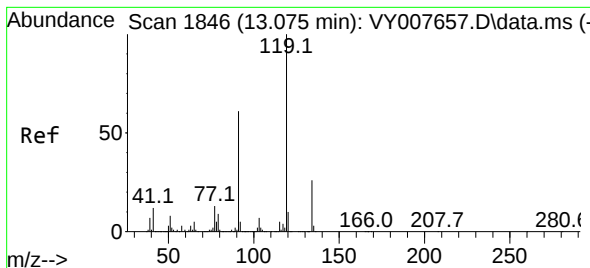
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#82
4-Chlorotoluene
Concen: 53.162 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

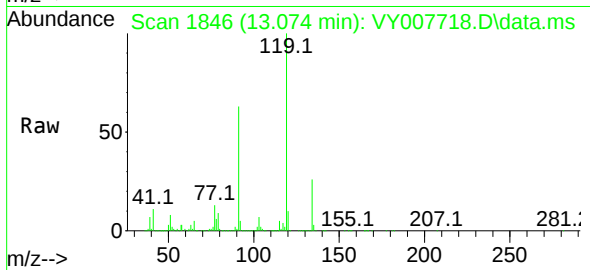
Tgt Ion: 91 Resp: 815625
Ion Ratio Lower Upper
91 100
126 36.6 17.0 51.0





#83
tert-Butylbenzene
Concen: 53.904 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

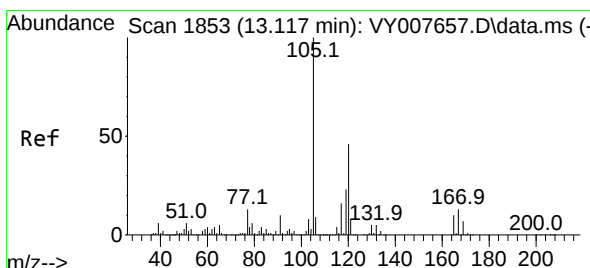
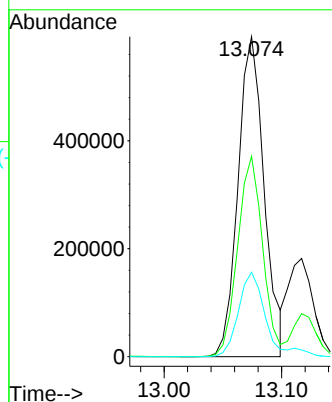
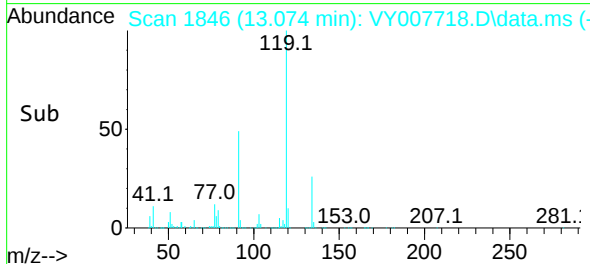
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



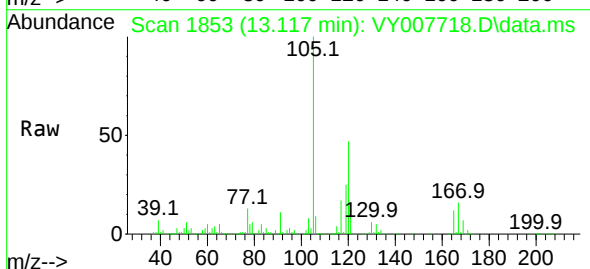
Tgt Ion:119 Resp: 915829
Ion Ratio Lower Upper
119 100
91 59.8 34.8 104.4
134 27.6 13.3 39.9

Manual Integrations
APPROVED

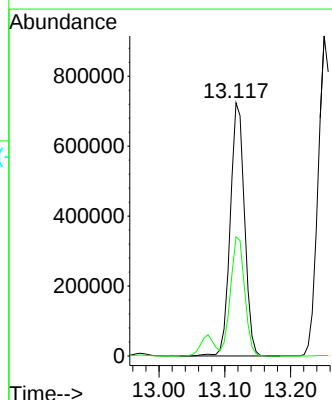
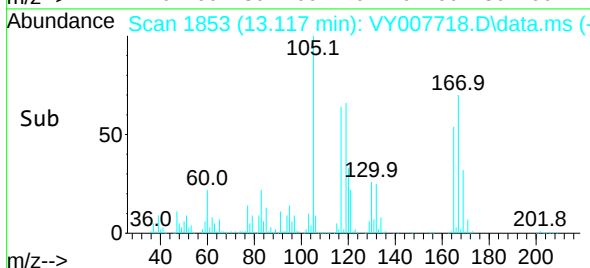
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022

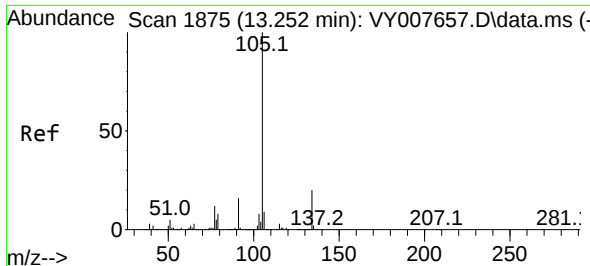


#84
1,2,4-Trimethylbenzene
Concen: 59.895 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25



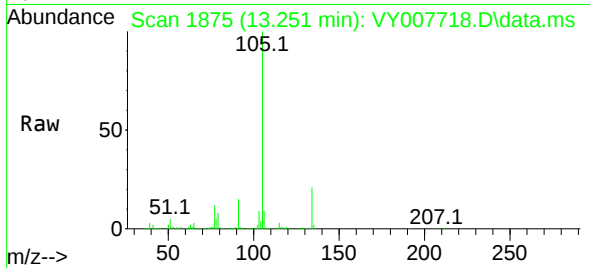
Tgt Ion:105 Resp: 1089719
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 53.539 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.001 min
 Lab File: VY007718.D
 Acq: 03 Mar 2022 21:25

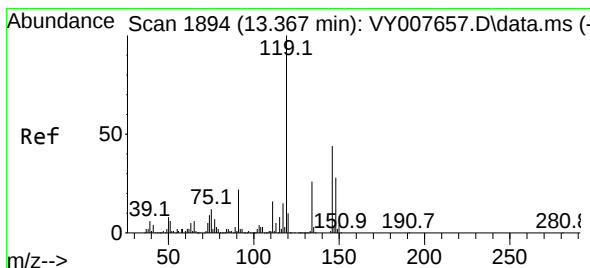
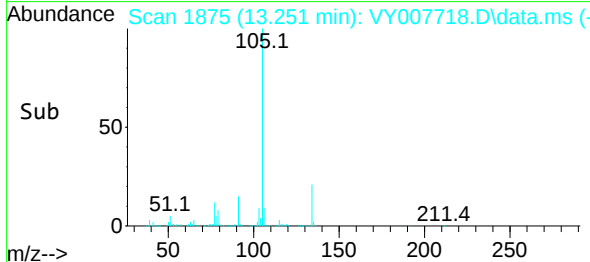
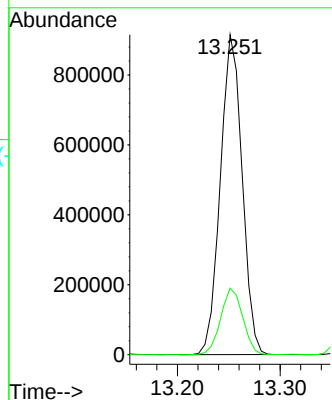
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 134557
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4

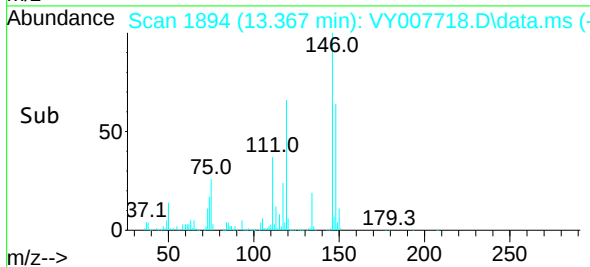
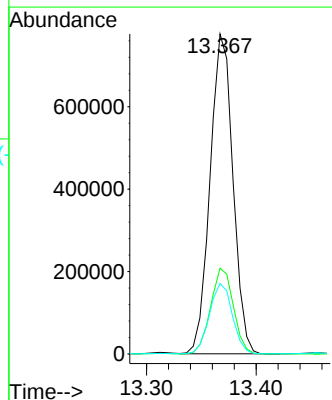
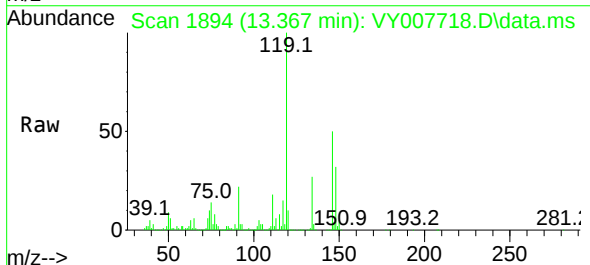
Manual Integrations
 APPROVED

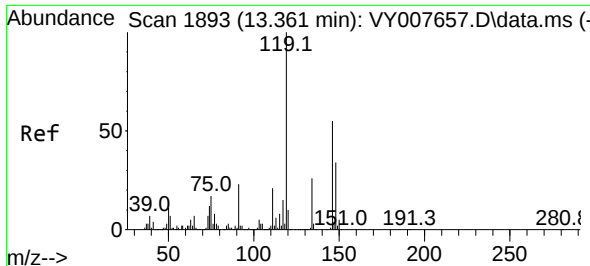
Reviewed By :John Carlone 03/04/2022
 Supervised By :Mahesh Dadoda 03/04/2022



#86
 p-Isopropyltoluene
 Concen: 54.159 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007718.D
 Acq: 03 Mar 2022 21:25

Tgt Ion:119 Resp: 1124222
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 22.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 55.479 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY007718.D

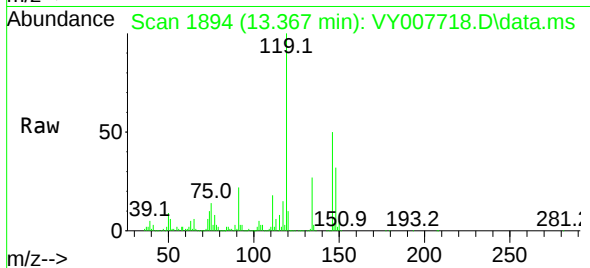
Acq: 03 Mar 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 587404

Ion Ratio Lower Upper

146 100

111 37.3 19.5 58.5

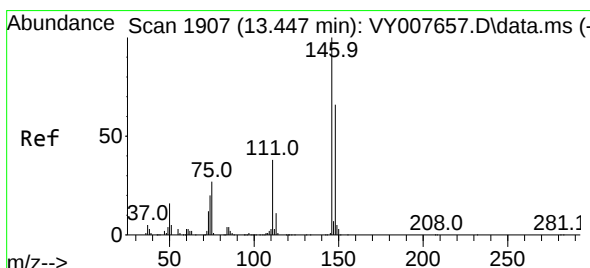
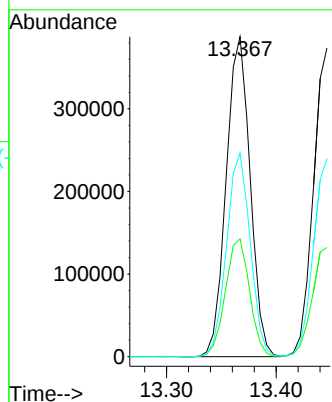
148 63.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#88

1,4-Dichlorobenzene

Concen: 54.022 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

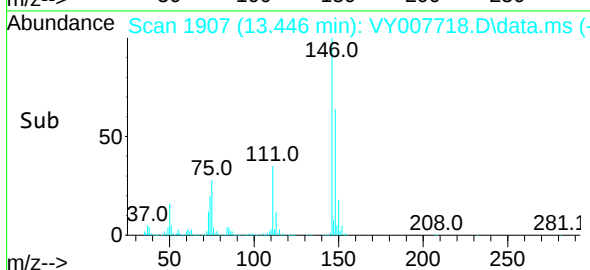
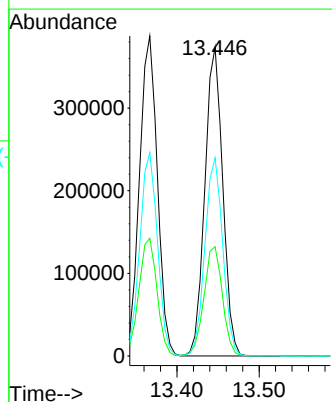
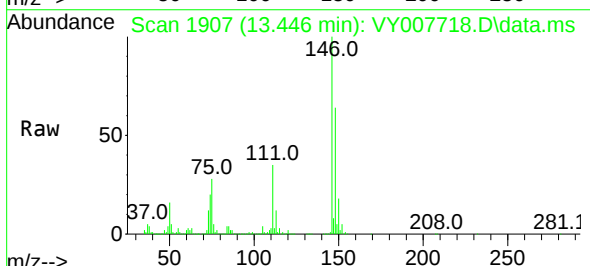
Tgt Ion:146 Resp: 564524

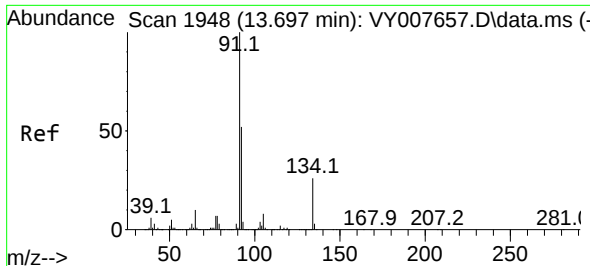
Ion Ratio Lower Upper

146 100

111 36.5 19.3 57.8

148 64.3 32.6 97.8





#89

n-Butylbenzene

Concen: 52.409 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1028198

Ion Ratio Lower Upper

91 100

92 51.7 26.3 78.9

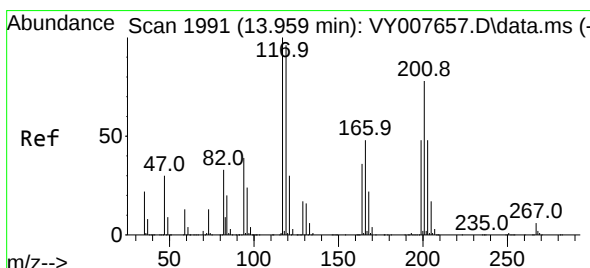
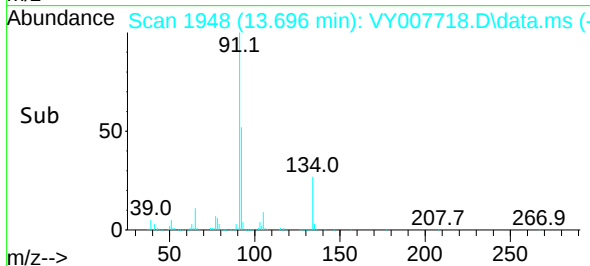
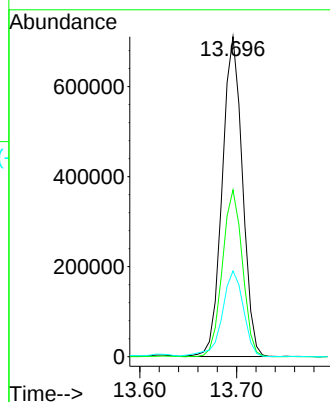
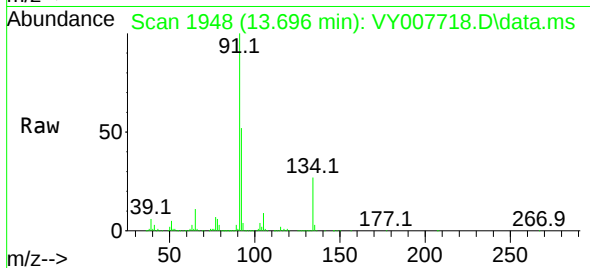
134 28.2 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#90

Hexachloroethane

Concen: 55.750 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY007718.D

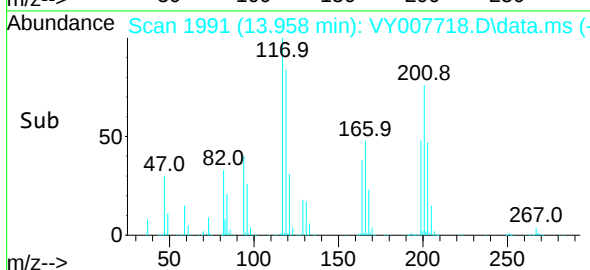
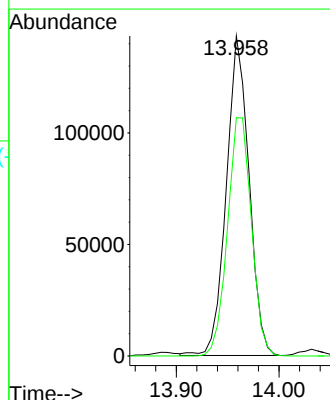
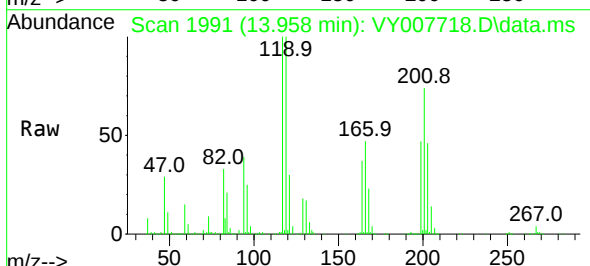
Acq: 03 Mar 2022 21:25

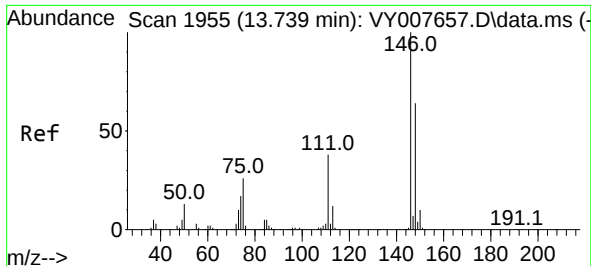
Tgt Ion:117 Resp: 219361

Ion Ratio Lower Upper

117 100

201 78.8 43.0 128.8





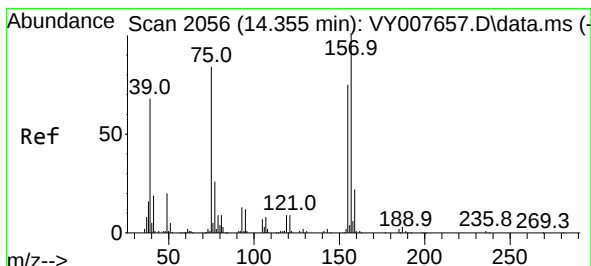
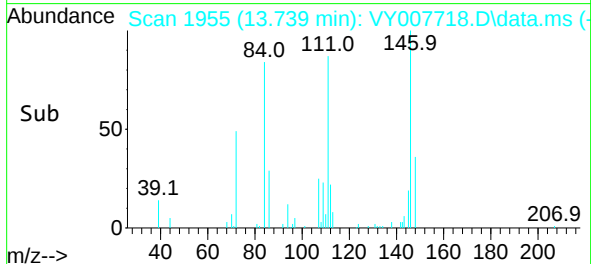
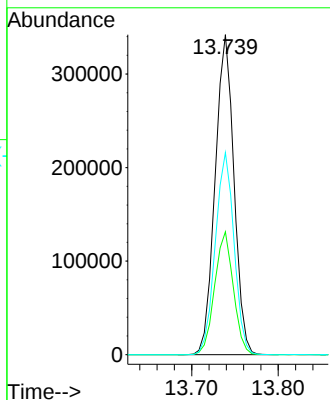
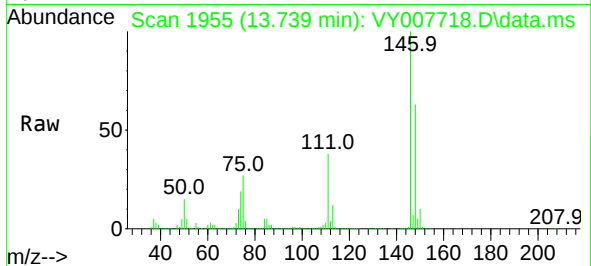
#91
1,2-Dichlorobenzene
Concen: 54.921 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 516339
Ion Ratio Lower Upper
146 100
111 38.2 20.3 60.9
148 63.1 32.3 96.9

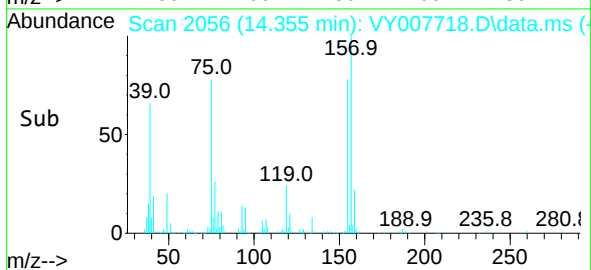
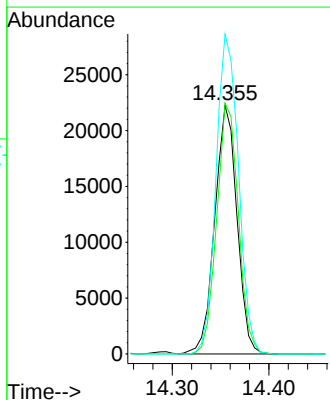
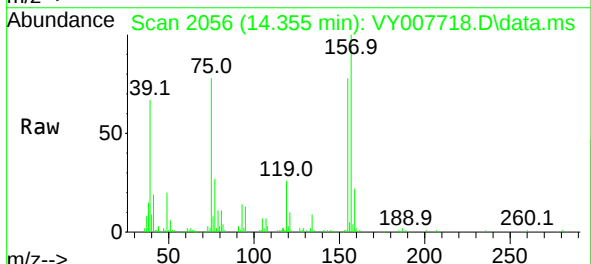
Manual Integrations
APPROVED

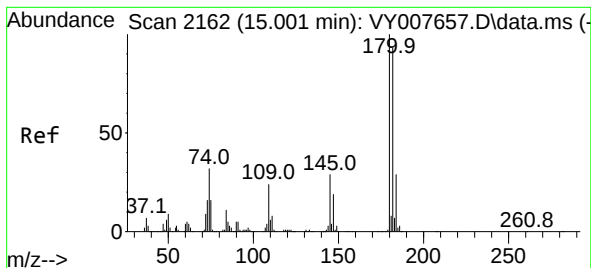
Reviewed By :John Carlone 03/04/2022
Supervised By :Mahesh Dadoda 03/04/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.323 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007718.D
Acq: 03 Mar 2022 21:25

Tgt Ion: 75 Resp: 35455
Ion Ratio Lower Upper
75 100
155 98.2 38.0 113.9
157 129.9 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 53.057 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.006 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 315792

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

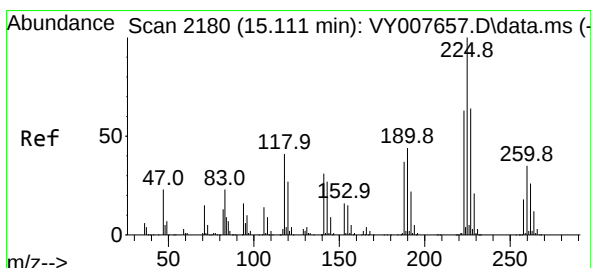
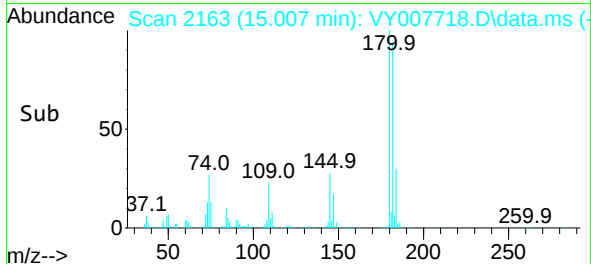
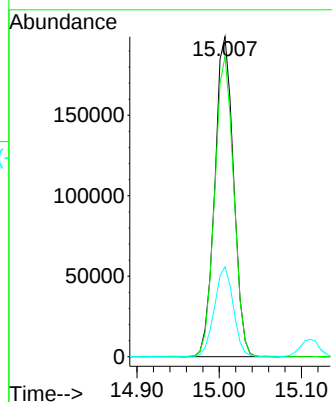
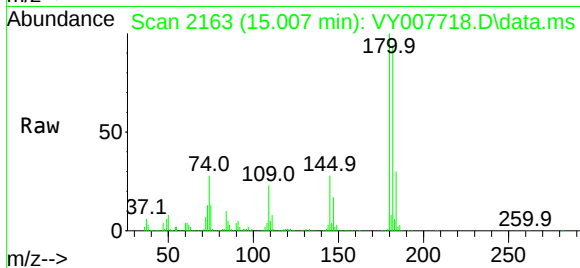
145 28.2 14.6 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#94

Hexachlorobutadiene

Concen: 53.427 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

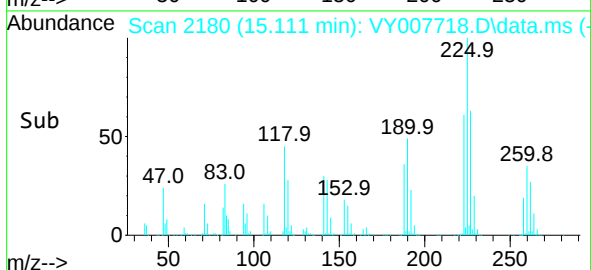
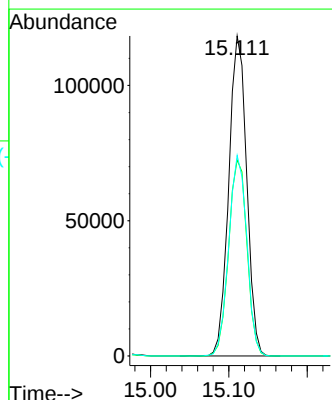
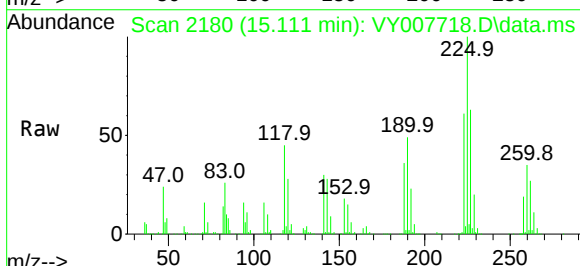
Tgt Ion:225 Resp: 188010

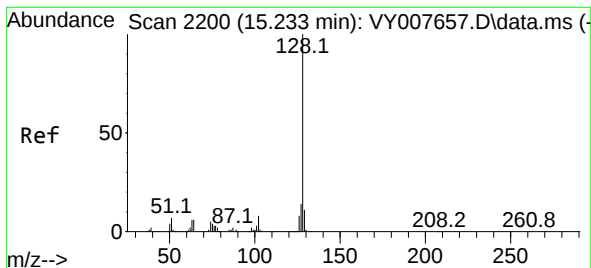
Ion Ratio Lower Upper

225 100

223 62.6 30.8 92.3

227 63.3 31.6 94.7





#95

Naphthalene

Concen: 55.806 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

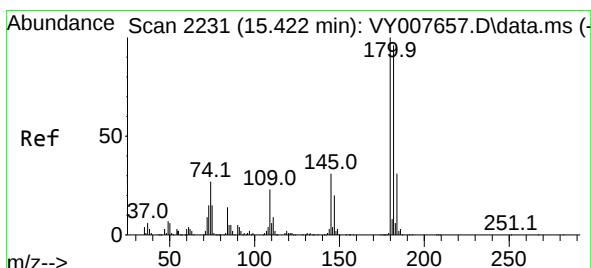
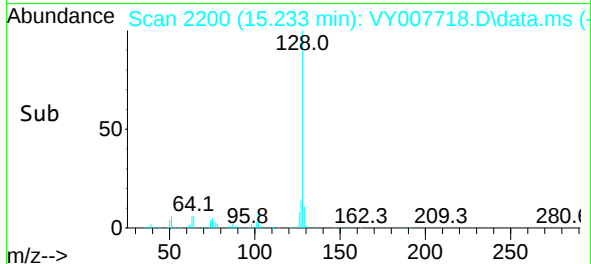
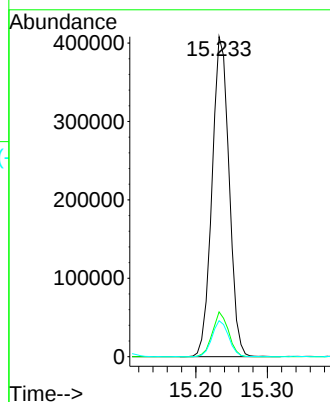
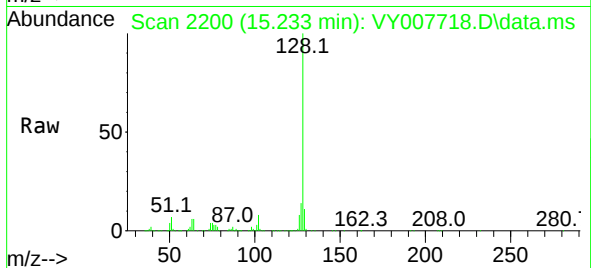
Tgt Ion:128	Resp: 67571
Ion Ratio	Lower Upper
128 100	
127 13.2	11.0 16.4
129 11.0	8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2022

Supervised By :Mahesh Dadoda 03/04/2022



#96

1,2,3-Trichlorobenzene

Concen: 51.703 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY007718.D

Acq: 03 Mar 2022 21:25

Tgt Ion:180	Resp: 274268
Ion Ratio	Lower Upper
180 100	
182 95.8	47.3 141.9
145 30.3	15.3 45.9

