

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007156.D
 Acq On : 14 Jan 2022 09:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2022
 Supervised By : Mahesh Dadoda 01/17/2022

Quant Time: Jan 14 13:45:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	137759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	229030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	85307	50.468	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.940%			
35) Dibromofluoromethane	7.716	113	76717	49.537	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.080%			
50) Toluene-d8	10.179	98	279702	49.428	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.860%			
62) 4-Bromofluorobenzene	12.483	95	101048	50.200	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	25563	52.921	ug/l	91
3) Chloromethane	2.119	50	45492	44.910	ug/l	95
4) Vinyl Chloride	2.260	62	76185	51.675	ug/l	99
5) Bromomethane	2.662	94	51123	53.551	ug/l	98
6) Chloroethane	2.802	64	46434	50.479	ug/l	91
7) Trichlorofluoromethane	3.131	101	73073	45.990	ug/l	98
8) Diethyl Ether	3.528	74	46174	52.774	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.906	101	76749	49.578	ug/l	99
10) Methyl Iodide	4.089	142	115752	50.555	ug/l	98
11) Tert butyl alcohol	4.948	59	40805	283.767	ug/l	99
12) 1,1-Dichloroethene	3.875	96	77555	49.752	ug/l	95
13) Acrolein	3.729	56	8102	232.855	ug/l	99
14) Allyl chloride	4.479	41	130082	52.044	ug/l	97
15) Acrylonitrile	5.162	53	116447	276.925	ug/l	98
16) Acetone	3.942	43	123415	281.332	ug/l	98
17) Carbon Disulfide	4.198	76	216421	49.994	ug/l	98
18) Methyl Acetate	4.473	43	79669	51.040	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	161152	52.512	ug/l	98
20) Methylene Chloride	4.716	84	85543	47.158	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	84792	50.174	ug/l	97
22) Diisopropyl ether	6.119	45	267260	52.780	ug/l	99
23) Vinyl Acetate	6.058	43	839738	281.993	ug/l	99
24) 1,1-Dichloroethane	6.015	63	158314	51.396	ug/l	99
25) 2-Butanone	6.984	43	162211	286.000	ug/l	98
26) 2,2-Dichloropropane	6.984	77	112434	50.085	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	97853	51.044	ug/l	96
28) Bromochloromethane	7.338	49	66161	59.380	ug/l	95
29) Tetrahydrofuran	7.344	42	104034	285.345	ug/l	96
30) Chloroform	7.509	83	166526	52.032	ug/l	98
31) Cyclohexane	7.789	56	137612	48.155	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	140925	51.516	ug/l	99
36) 1,1-Dichloropropene	7.917	75	125619	50.788	ug/l	100
37) Ethyl Acetate	7.070	43	71543	56.362	ug/l	96
38) Carbon Tetrachloride	7.905	117	132899	51.083	ug/l	99
39) Methylcyclohexane	9.185	83	152191	50.395	ug/l	98
40) Benzene	8.161	78	340214	51.565	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	37706	51.583	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	112637	54.214	ug/l	99
43) Isopropyl Acetate	8.277	43	138009	55.876	ug/l	97
44) Trichloroethene	8.941	130	91631	51.323	ug/l	98
45) 1,2-Dichloropropane	9.216	63	87321	52.045	ug/l	95
46) Dibromomethane	9.307	93	52855	53.272	ug/l	98
47) Bromodichloromethane	9.496	83	130236	53.395	ug/l	98
48) Methyl methacrylate	9.295	41	61755	54.971	ug/l	97
49) 1,4-Dioxane	9.301	88	12449	1163.704	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	358435	286.210	ug/l	96
52) Toluene	10.246	92	217470	52.000	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	140639	54.622	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	153259	53.176	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	70806	52.613	ug/l	98
56) Ethyl methacrylate	10.508	69	105815	55.812	ug/l	95
57) 1,3-Dichloropropane	10.789	76	125612	53.548	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	208946	242.367	ug/l	98
59) 2-Hexanone	10.831	43	244853	288.090	ug/l	97
60) Dibromochloromethane	10.984	129	88901	53.737	ug/l	98
61) 1,2-Dibromoethane	11.093	107	71654	54.196	ug/l	98
64) Tetrachloroethene	10.721	164	72924	49.480	ug/l	96
65) Chlorobenzene	11.520	112	229410	51.313	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	85768	51.752	ug/l	99
67) Ethyl Benzene	11.593	91	433910	51.638	ug/l	100
68) m/p-Xylenes	11.703	106	320208	102.543	ug/l	99
69) o-Xylene	12.032	106	152980	52.022	ug/l	99
70) Styrene	12.044	104	263727	53.161	ug/l	99
71) Bromoform	12.209	173	52381	54.641	ug/l #	98
73) Isopropylbenzene	12.331	105	408407	50.850	ug/l	99
74) N-amyl acetate	12.142	43	122949	57.247	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	84925	54.378	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	70168m	66.176	ug/l	
77) Bromobenzene	12.611	156	90727	51.915	ug/l	98
78) n-propylbenzene	12.672	91	506393	50.862	ug/l	100
79) 2-Chlorotoluene	12.758	91	284771	51.443	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	333402	50.557	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	32450	56.027	ug/l #	99
82) 4-Chlorotoluene	12.855	91	297291	51.484	ug/l	100
83) tert-Butylbenzene	13.081	119	296407	52.018	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	333495	51.020	ug/l	99
85) sec-Butylbenzene	13.258	105	431627	50.632	ug/l	99
86) p-Isopropyltoluene	13.373	119	357103	50.975	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	176040	51.464	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	175041	50.890	ug/l	100
89) n-Butylbenzene	13.697	91	356600	51.698	ug/l	99
90) Hexachloroethane	13.965	117	70408	51.409	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	155208	50.996	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13942	51.687	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	97237	52.537	ug/l	99
94) Hexachlorobutadiene	15.117	225	47975	50.295	ug/l	99
95) Naphthalene	15.239	128	213113	54.213	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	83188	52.683	ug/l	100

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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

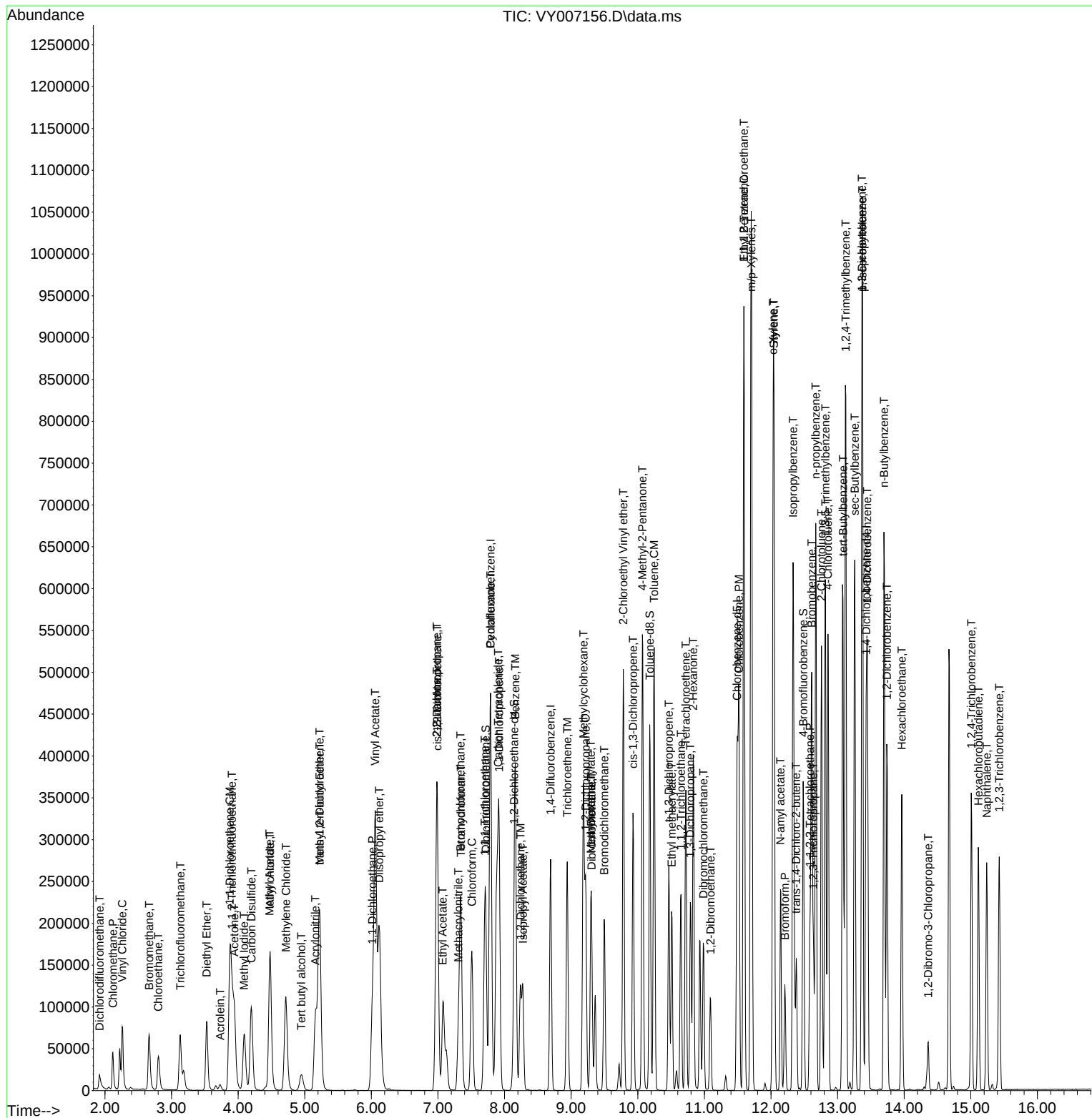
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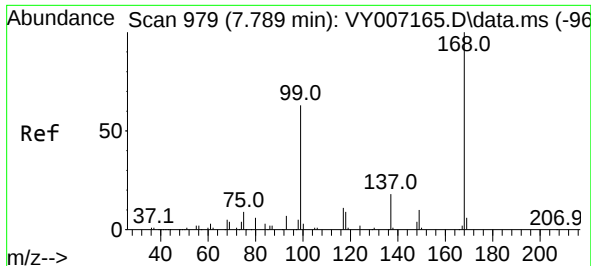
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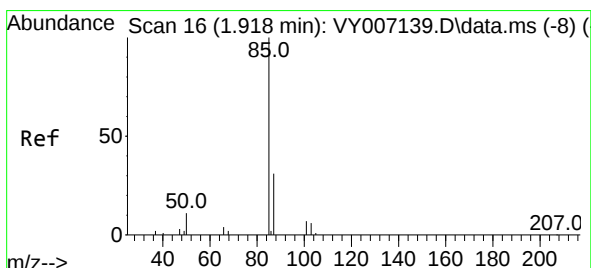
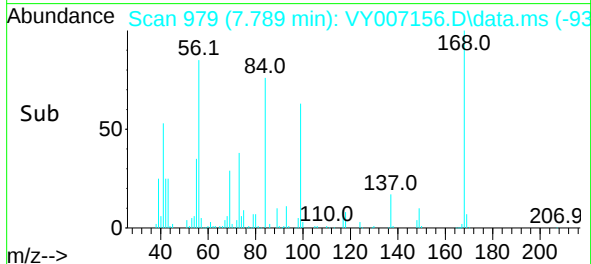
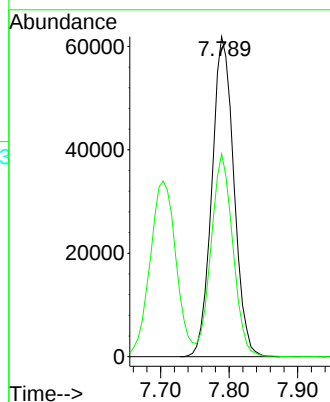
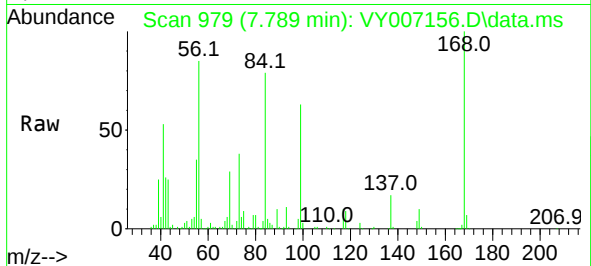
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007156.D
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Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 137759
Ion Ratio Lower Upper
168 100
99 63.2 49.1 73.7

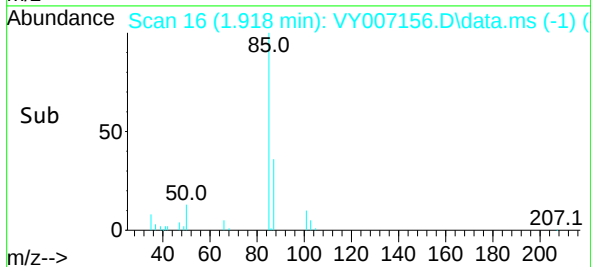
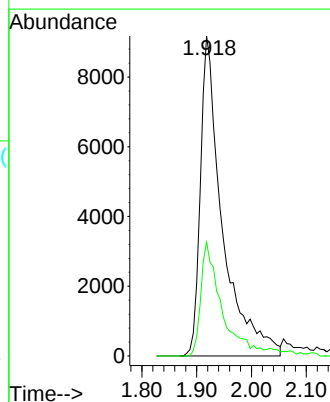
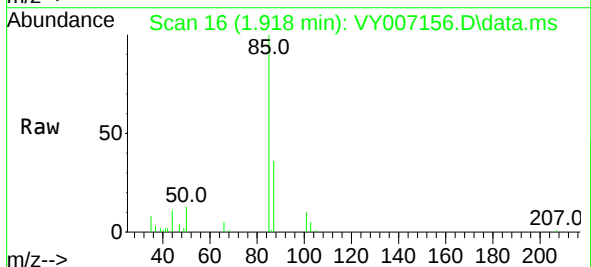
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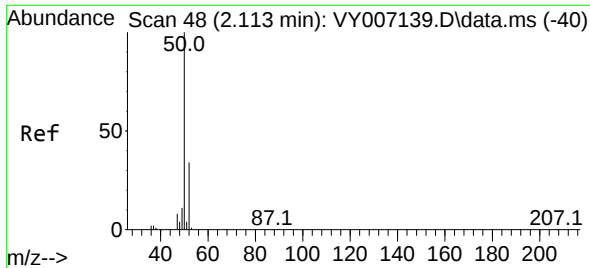
Reviewed By :John Carlone 01/17/2022
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#2
Dichlorodifluoromethane
Concen: 52.921 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

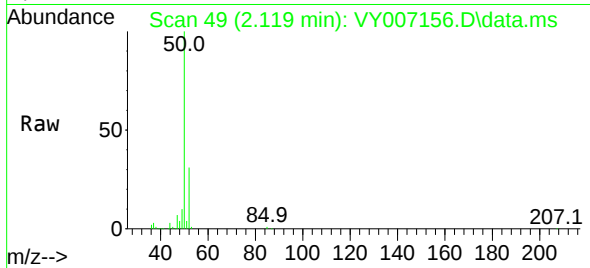
Tgt Ion: 85 Resp: 25563
Ion Ratio Lower Upper
85 100
87 35.5 15.2 45.6





#3
Chloromethane
Concen: 44.910 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.007 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

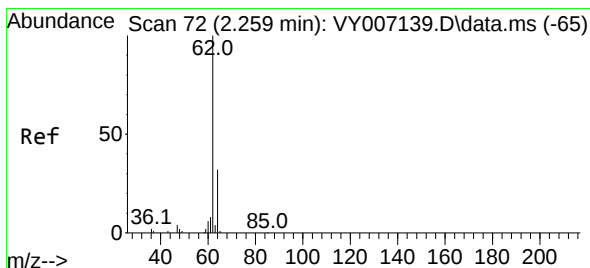
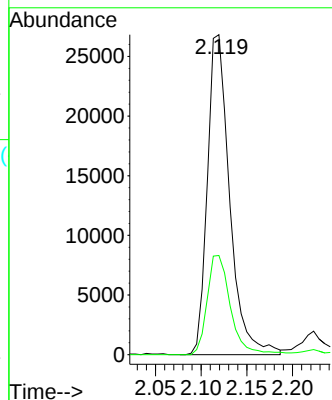
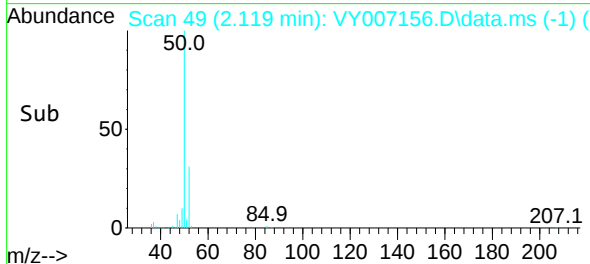
Instrument :
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Tgt Ion: 50 Resp: 45492
Ion Ratio Lower Upper
50 100
52 31.0 27.1 40.7

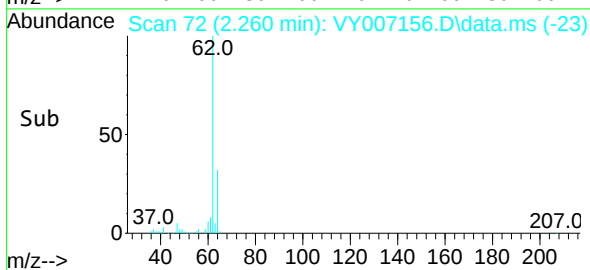
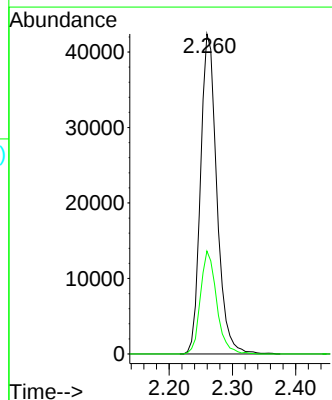
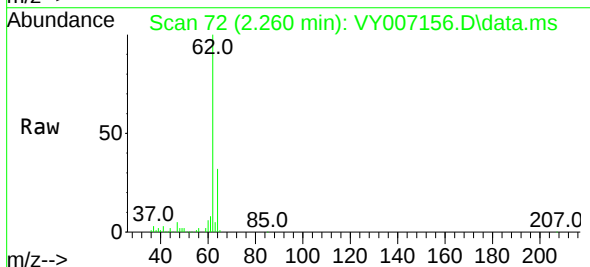
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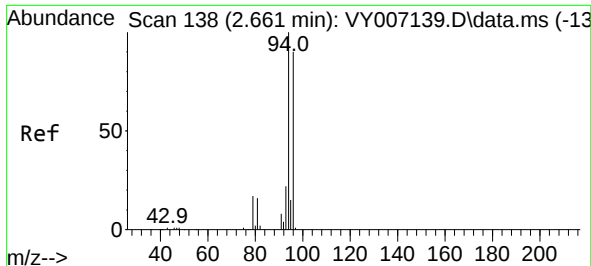
Reviewed By :John Carlone 01/17/2022
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#4
Vinyl Chloride
Concen: 51.675 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

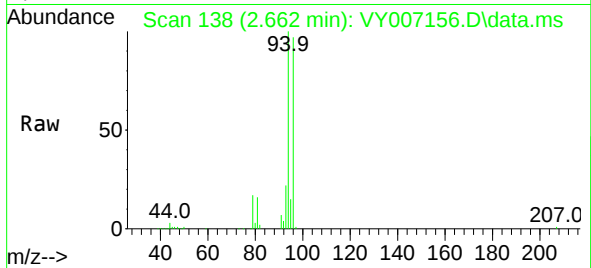
Tgt Ion: 62 Resp: 76185
Ion Ratio Lower Upper
62 100
64 32.2 26.1 39.1





#5
Bromomethane
Concen: 53.551 ug/l
RT: 2.662 min Scan# 111
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

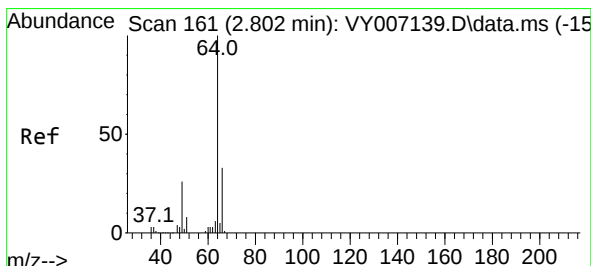
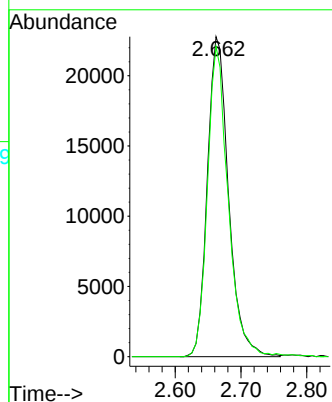
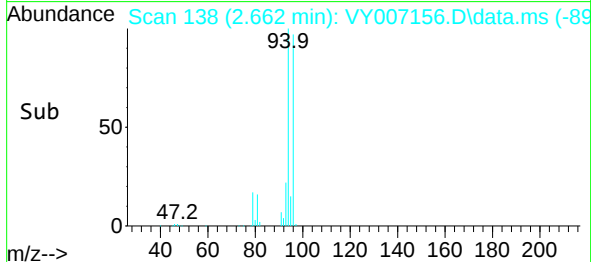
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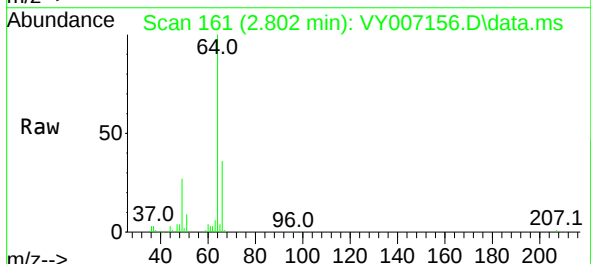
Tgt Ion: 94 Resp: 5112
Ion Ratio Lower Upper
94 100
96 96.9 75.8 113.6

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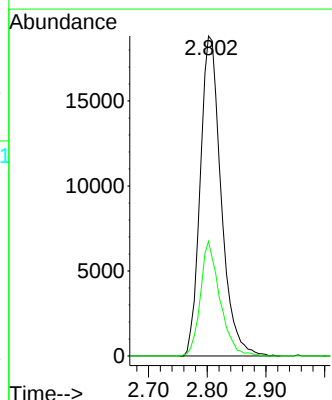
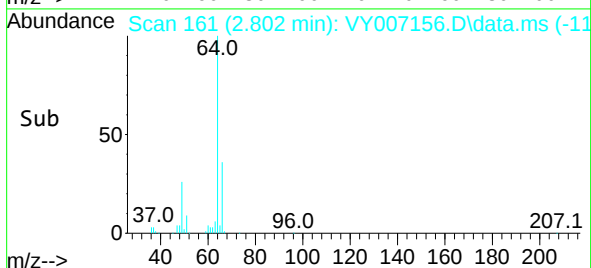
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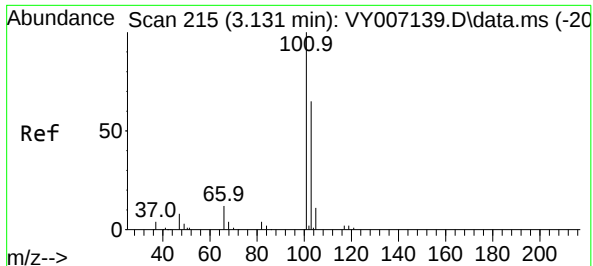


#6
Chloroethane
Concen: 50.479 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.001 min
Lab File: VY007156.D
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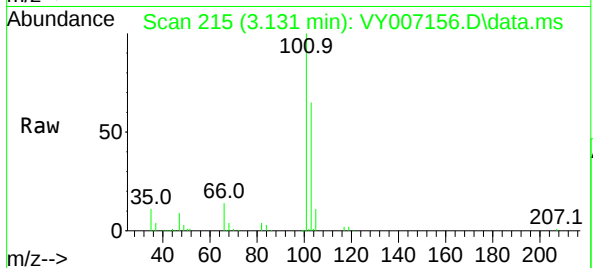
Tgt Ion: 64 Resp: 46434
Ion Ratio Lower Upper
64 100
66 35.9 24.8 37.2





#7
Trichlorofluoromethane
Concen: 45.990 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.001 min
Lab File: VY007156.D
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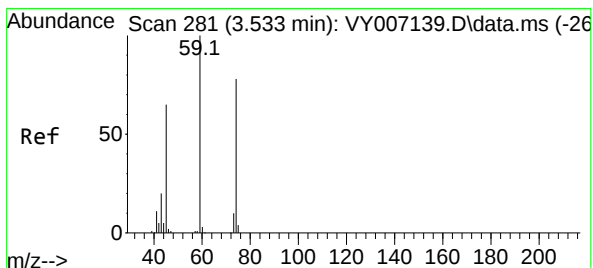
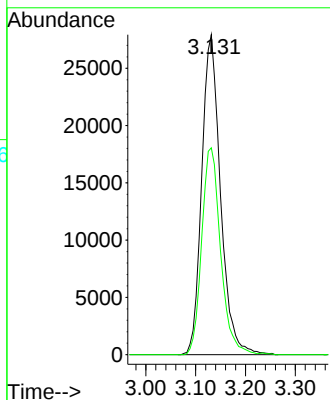
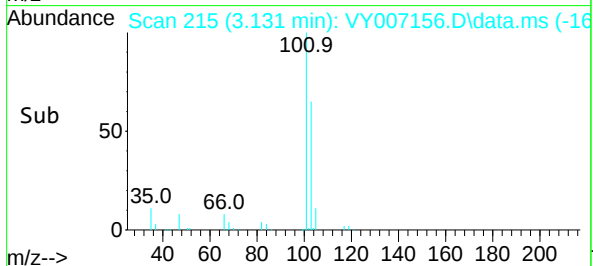
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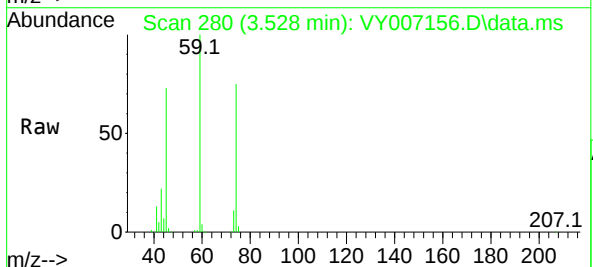
Tgt Ion: 101 Resp: 7307
Ion Ratio Lower Upper
101 100
103 64.6 50.6 76.0

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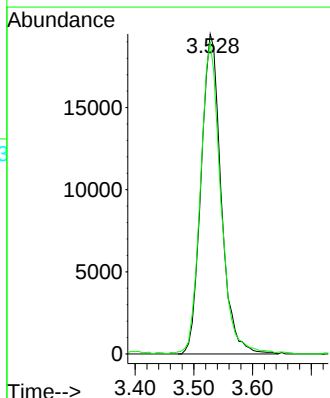
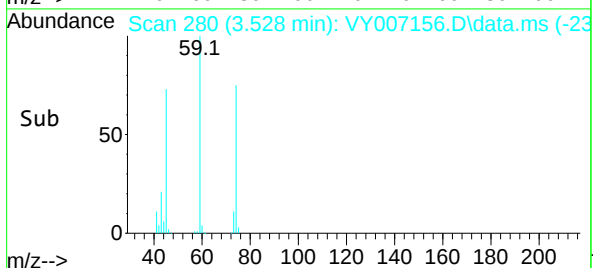
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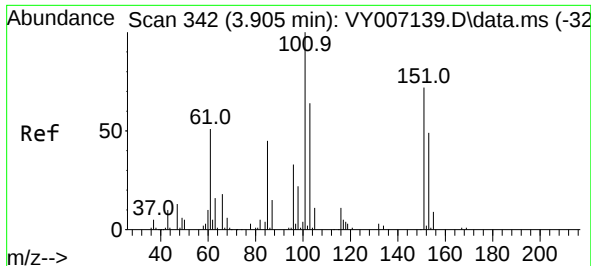


#8
Diethyl Ether
Concen: 52.774 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



Tgt Ion: 74 Resp: 46174
Ion Ratio Lower Upper
74 100
45 99.1 46.1 138.3





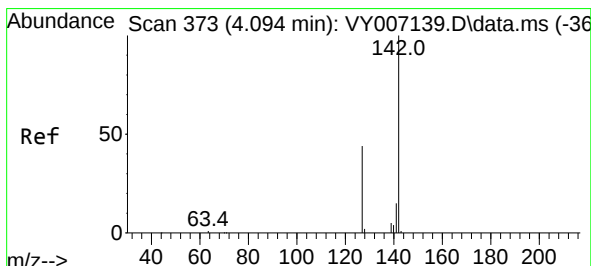
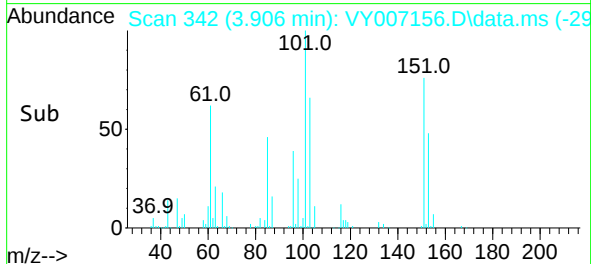
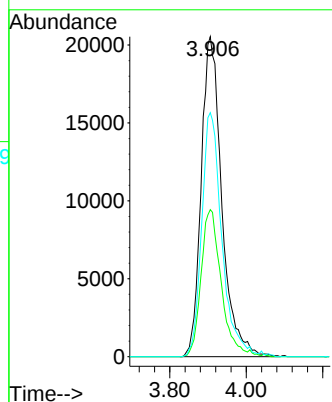
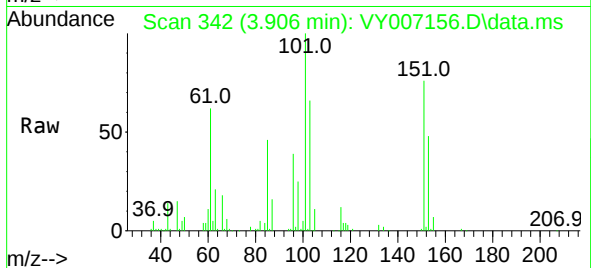
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.578 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 76749
Ion Ratio Lower Upper
101 100
85 45.2 35.4 53.0
151 74.4 60.4 90.6

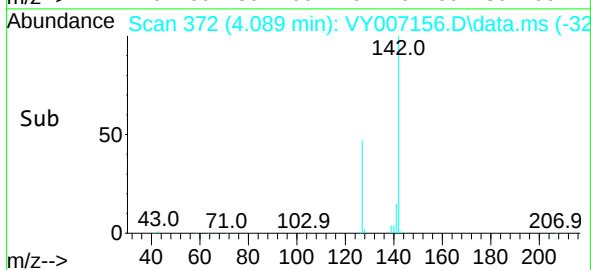
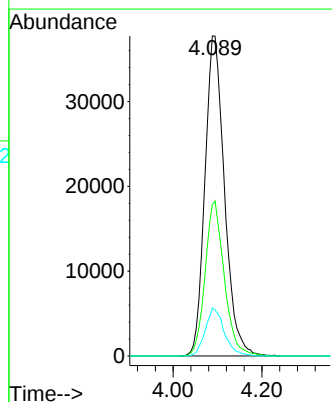
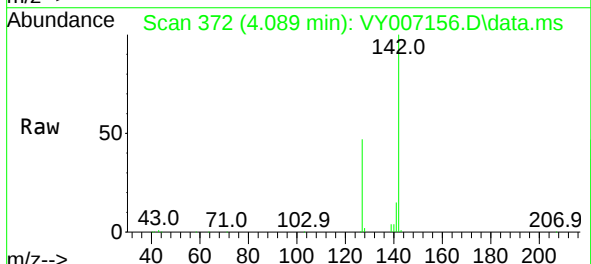
Manual Integrations
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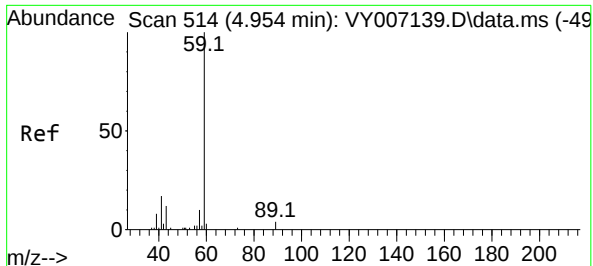
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#10
Methyl Iodide
Concen: 50.555 ug/l
RT: 4.089 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

Tgt Ion:142 Resp: 115752
Ion Ratio Lower Upper
142 100
127 47.3 36.2 54.4
141 14.5 11.5 17.3





#11

Tert butyl alcohol

Concen: 283.767 ug/l

RT: 4.948 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 4080

Ion Ratio Lower Upper

59 100

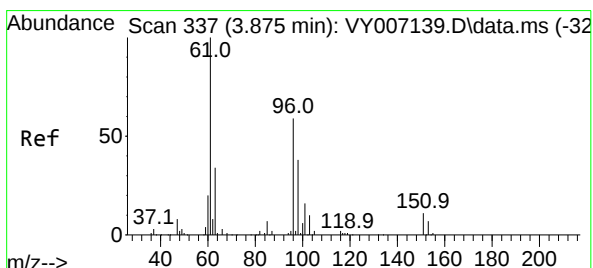
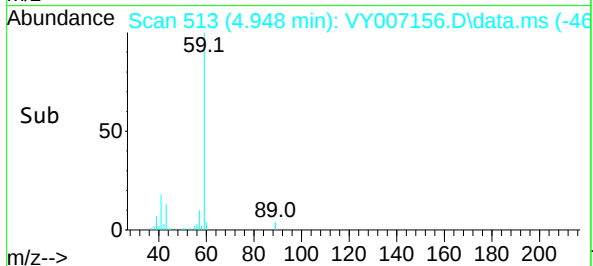
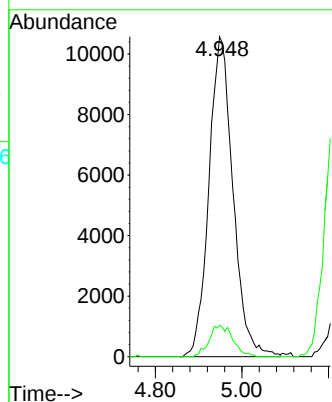
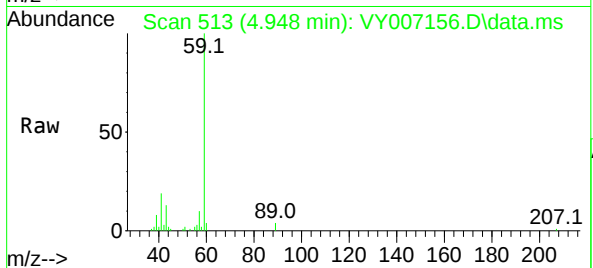
57 9.7 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#12

1,1-Dichloroethene

Concen: 49.752 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

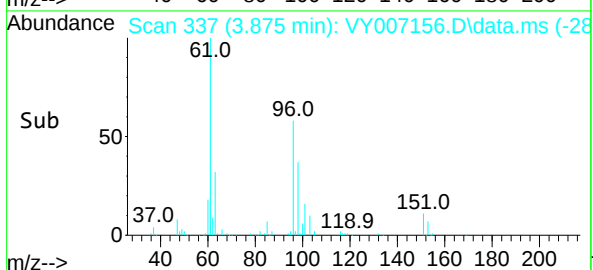
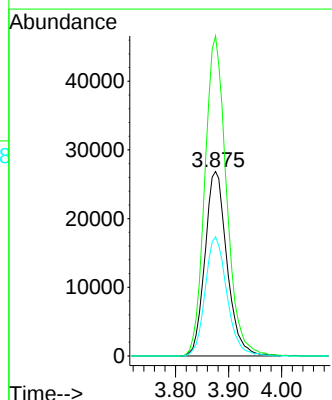
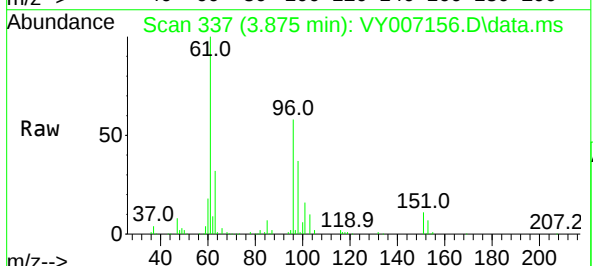
Tgt Ion: 96 Resp: 77555

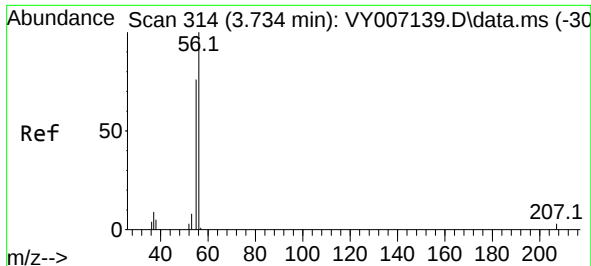
Ion Ratio Lower Upper

96 100

61 173.5 131.9 197.9

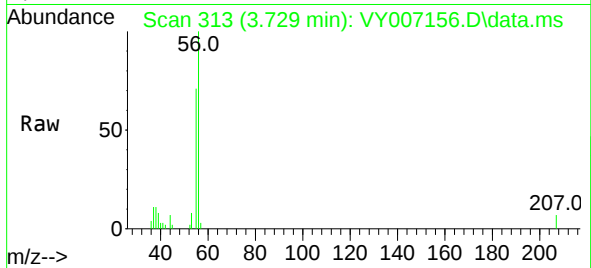
98 64.7 52.7 79.1





#13
Acrolein
Concen: 232.855 ug/l
RT: 3.729 min Scan# 314
Delta R.T. -0.005 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

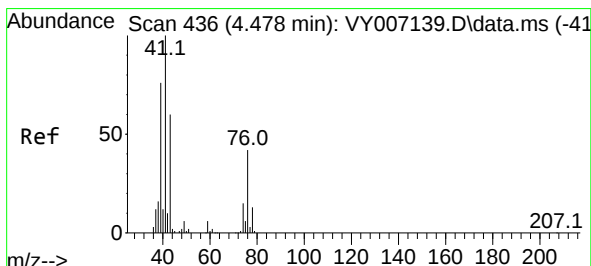
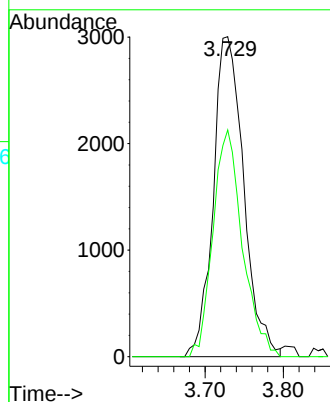
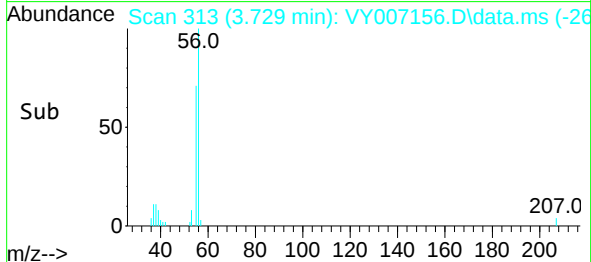
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



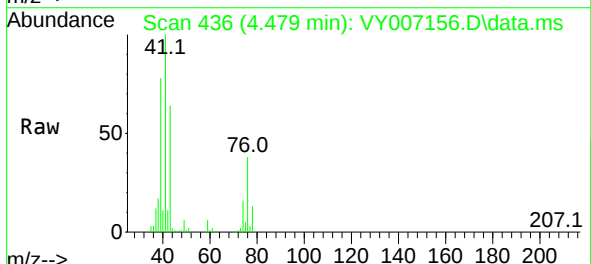
Tgt Ion: 56 Resp: 810
Ion Ratio Lower Upper
56 100
55 68.6 55.7 83.5

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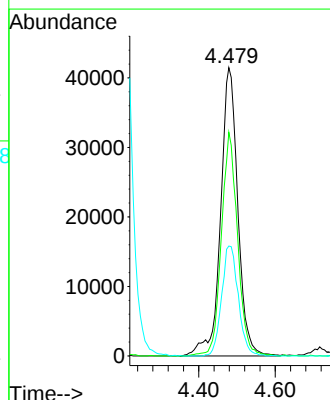
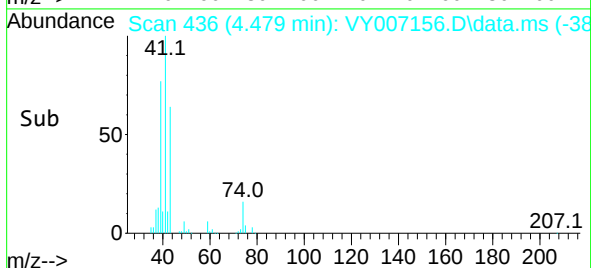
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

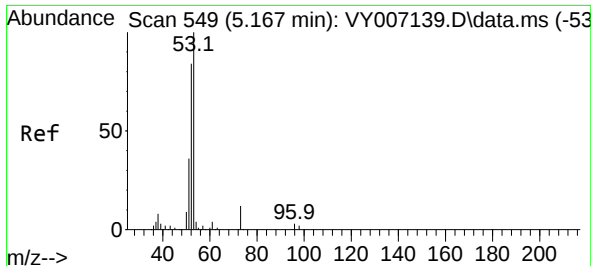


#14
Allyl chloride
Concen: 52.044 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



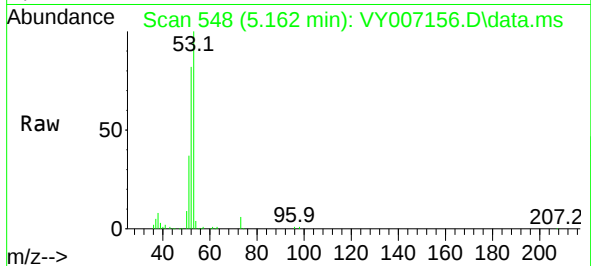
Tgt Ion: 41 Resp: 130082
Ion Ratio Lower Upper
41 100
39 72.7 56.1 84.1
76 36.8 31.4 47.2





#15
Acrylonitrile
Concen: 276.925 ug/l
RT: 5.162 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

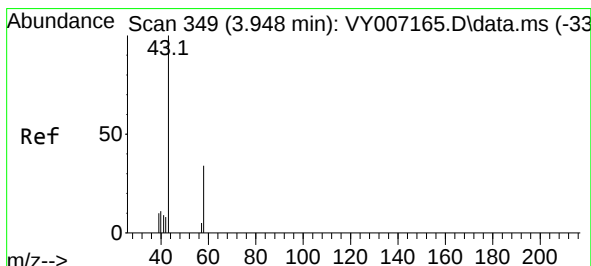
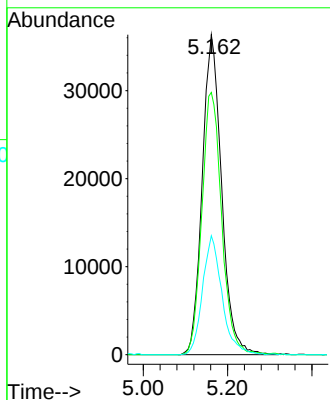
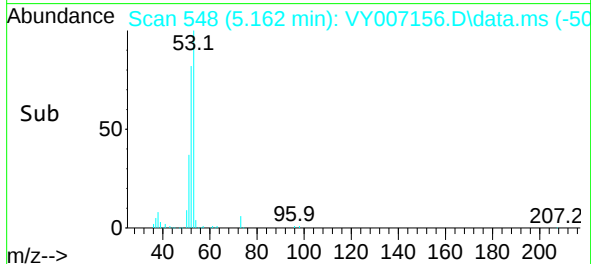
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 11644
Ion Ratio Lower Upper
53 100
52 83.7 65.4 98.2
51 37.3 29.4 44.2

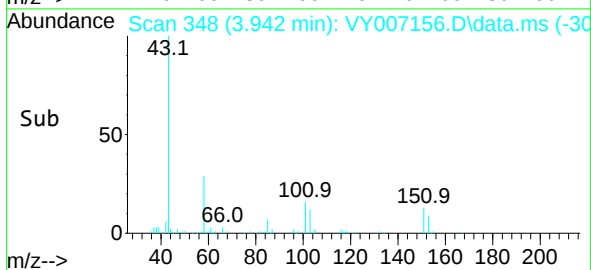
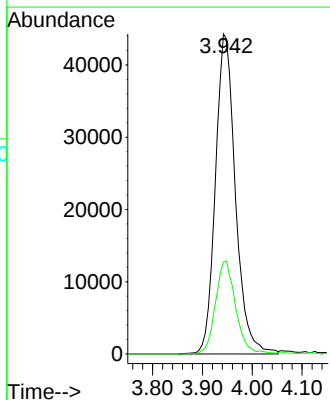
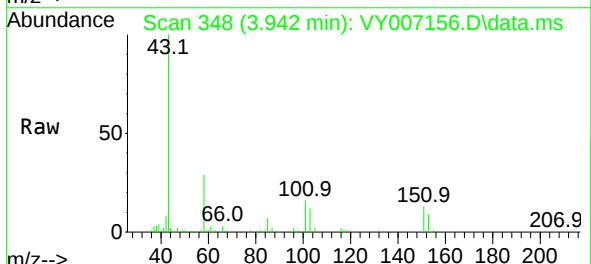
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#16
Acetone
Concen: 281.332 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

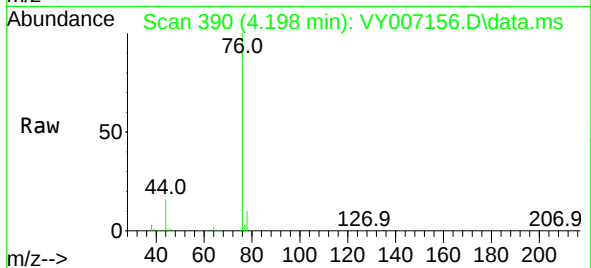
Tgt Ion: 43 Resp: 123415
Ion Ratio Lower Upper
43 100
58 28.8 23.8 35.6





#17
Carbon Disulfide
Concen: 49.994 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

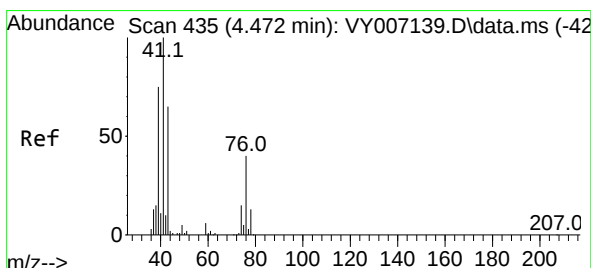
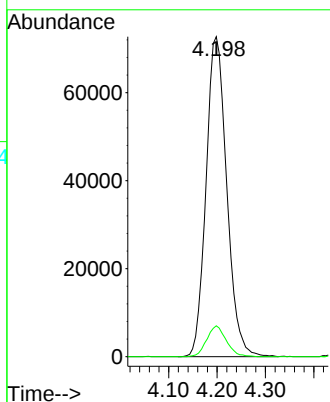
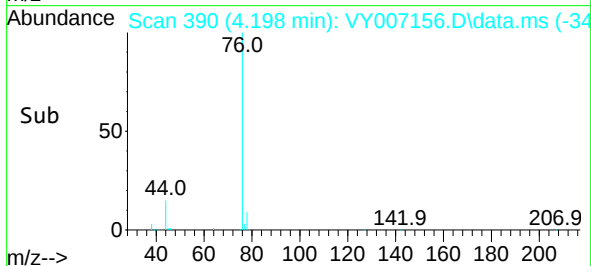
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



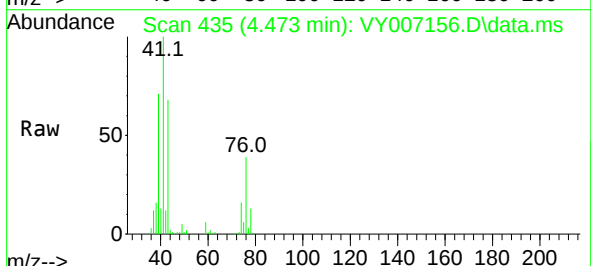
Tgt Ion: 76 Resp: 21642
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

Manual Integrations
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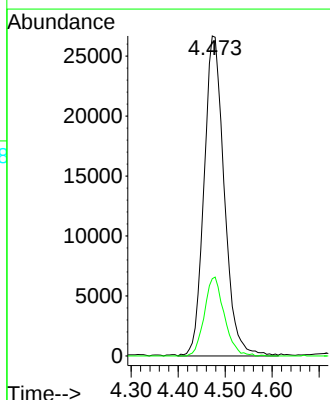
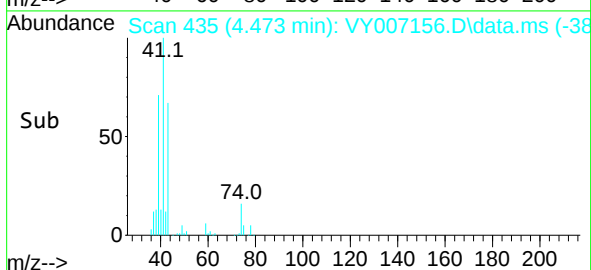
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#18
Methyl Acetate
Concen: 51.040 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



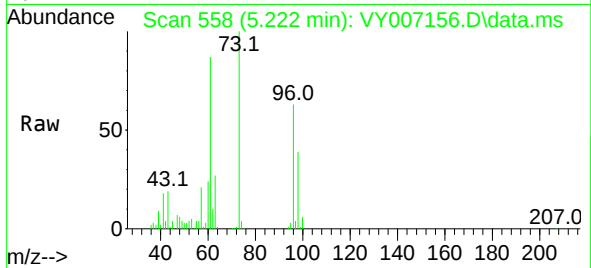
Tgt Ion: 43 Resp: 79669
Ion Ratio Lower Upper
43 100
74 24.2 20.9 31.3





#19
Methyl tert-butyl Ether
Concen: 52.512 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

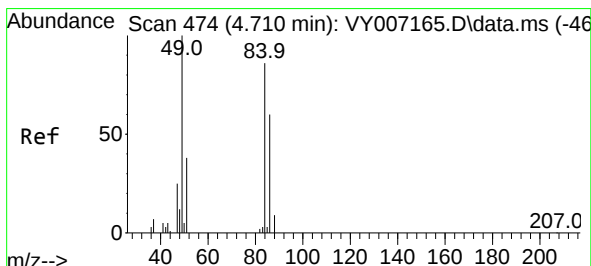
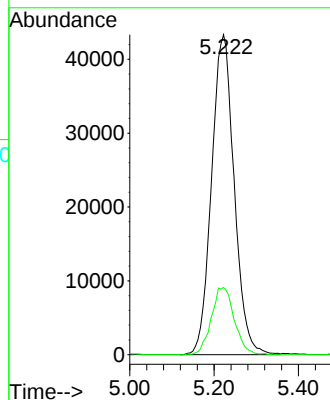
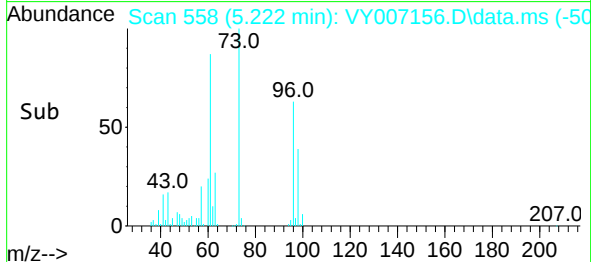
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



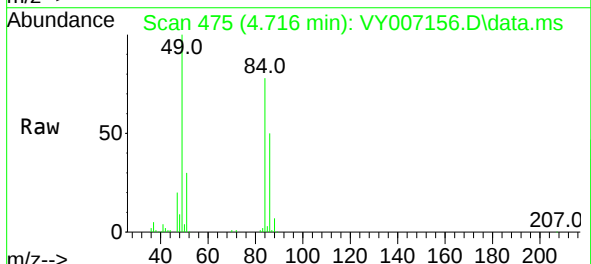
Tgt Ion: 73 Resp: 16115
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.2

Manual Integrations
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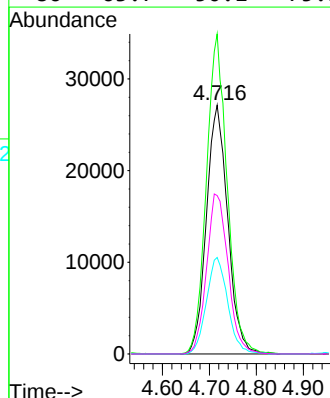
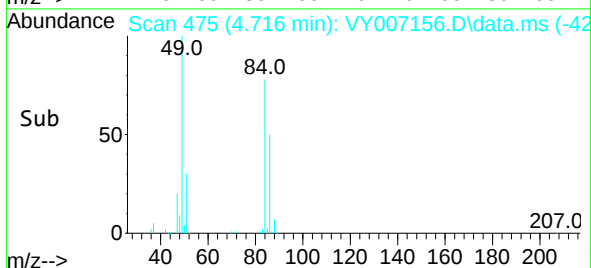
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

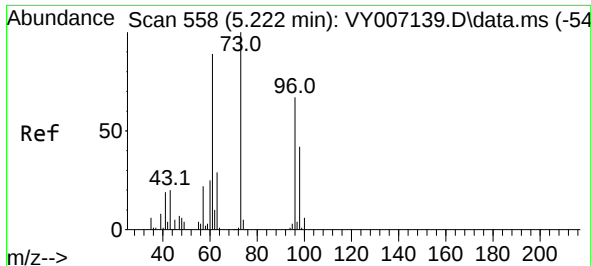


#20
Methylene Chloride
Concen: 47.158 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.007 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



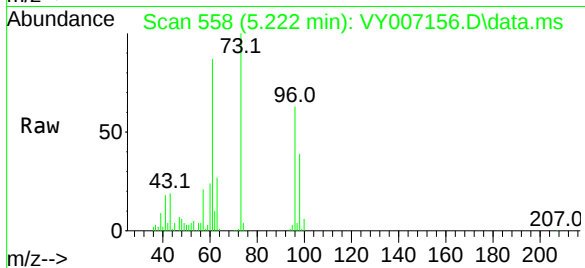
Tgt Ion: 84 Resp: 85543
Ion Ratio Lower Upper
84 100
49 128.6 92.6 139.0
51 38.8 28.6 42.8
86 63.7 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 50.174 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

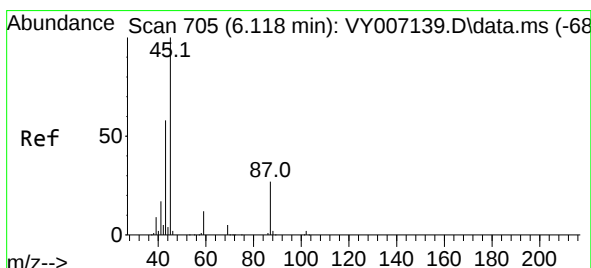
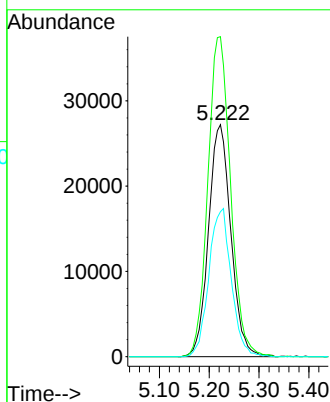
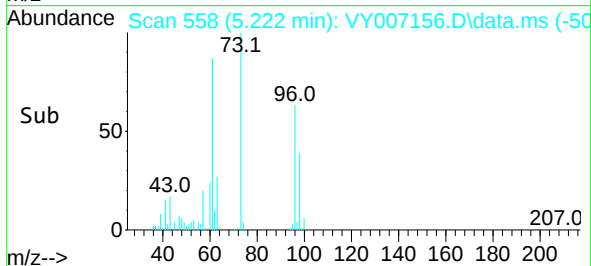
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



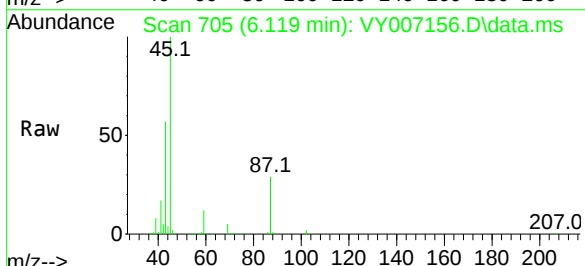
Tgt Ion: 96 Resp: 84792
Ion Ratio Lower Upper
96 100
61 137.9 107.3 160.9
98 62.5 52.4 78.6

Manual Integrations
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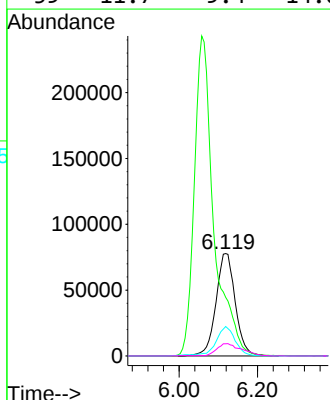
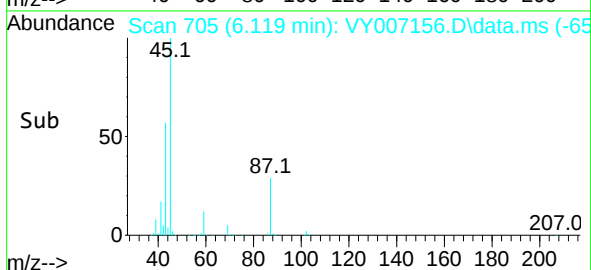
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

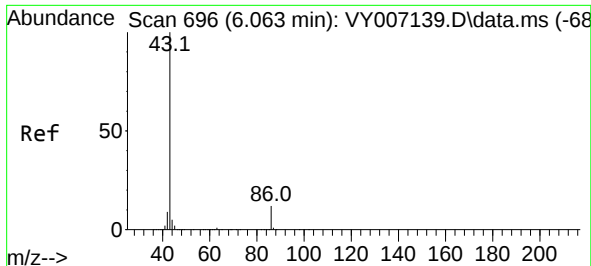


#22
Diisopropyl ether
Concen: 52.780 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



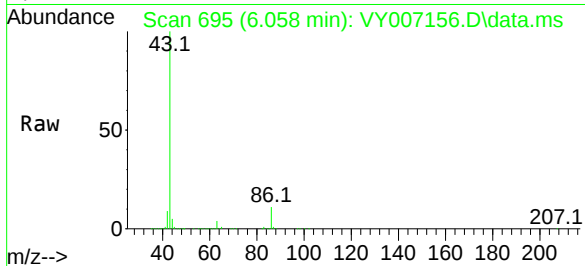
Tgt Ion: 45 Resp: 267260
Ion Ratio Lower Upper
45 100
43 56.6 45.6 68.4
87 28.7 22.2 33.2
59 11.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 281.993 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY007156.D
 Acq: 14 Jan 2022 09:33

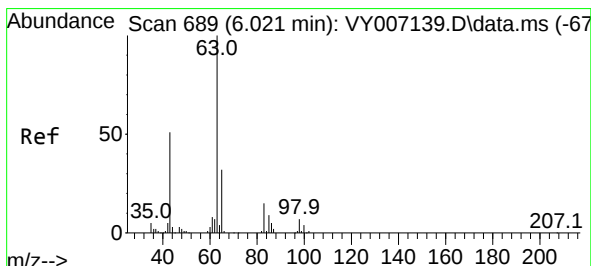
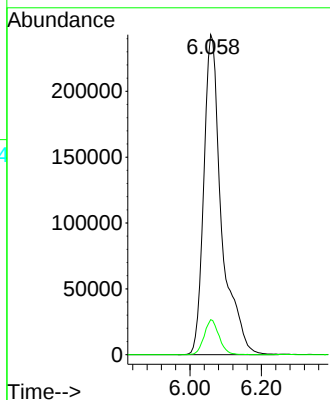
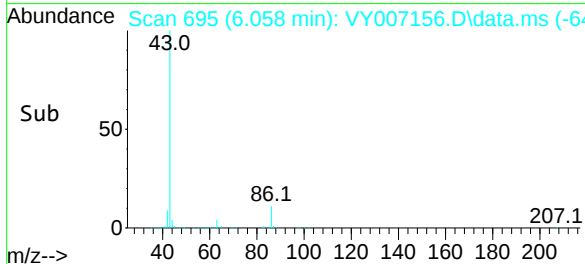
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



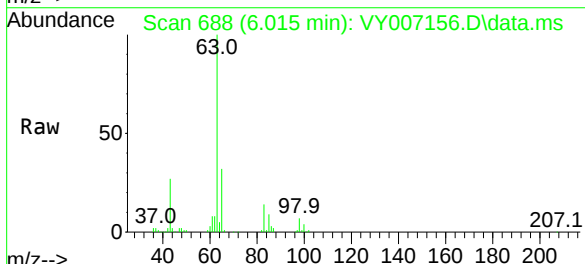
Tgt Ion: 43 Resp: 839738
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.0 13.6

Manual Integrations
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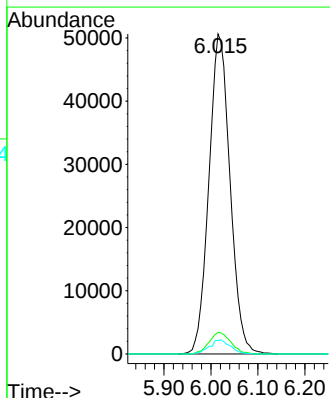
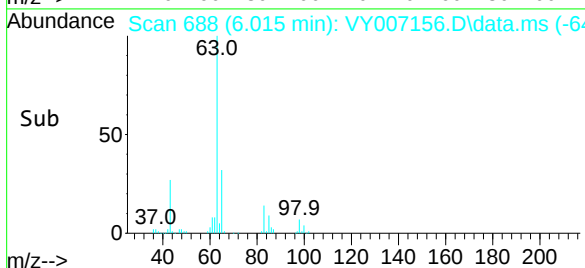
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/17/2022



#24
 1,1-Dichloroethane
 Concen: 51.396 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY007156.D
 Acq: 14 Jan 2022 09:33



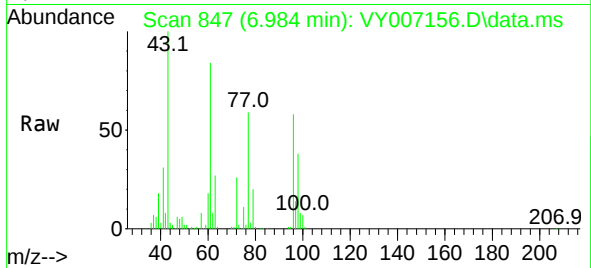
Tgt Ion: 63 Resp: 158314
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.3 2.1 6.2





#25
2-Butanone
Concen: 286.000 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

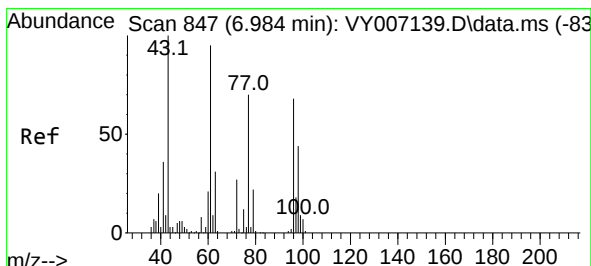
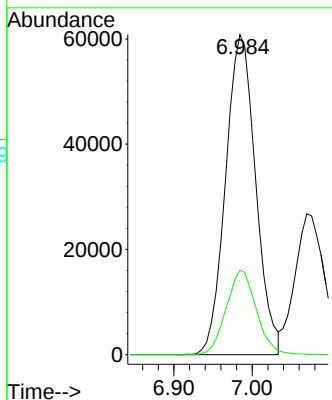
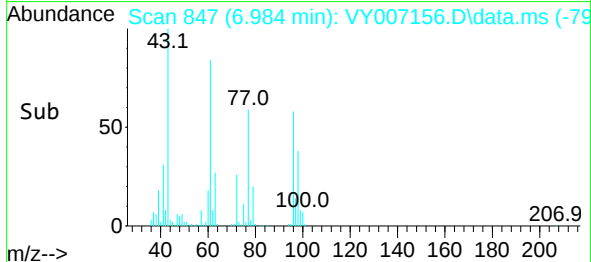
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



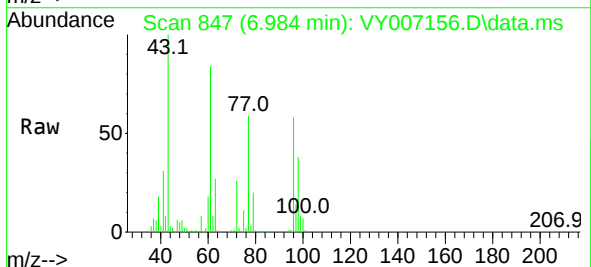
Tgt Ion: 43 Resp: 16221
Ion Ratio Lower Upper
43 100
72 26.4 21.9 32.9

Manual Integrations
APPROVED

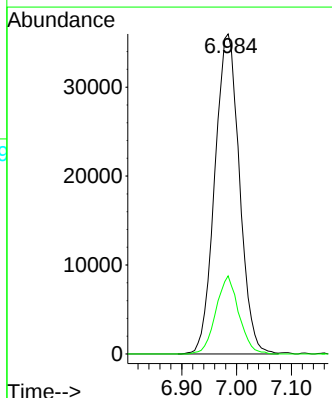
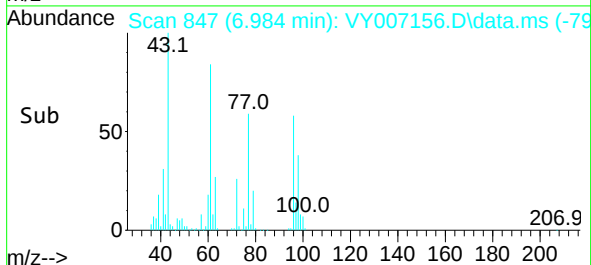
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#26
2,2-Dichloropropane
Concen: 50.085 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



Tgt Ion: 77 Resp: 112434
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 51.044 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.007 min

Lab File: VY007156.D

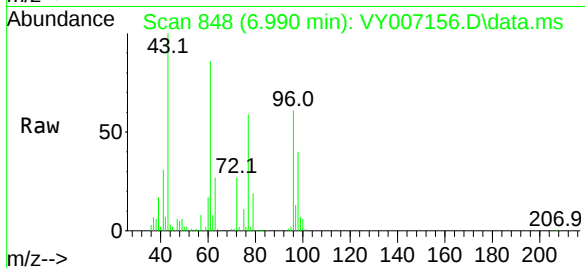
Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



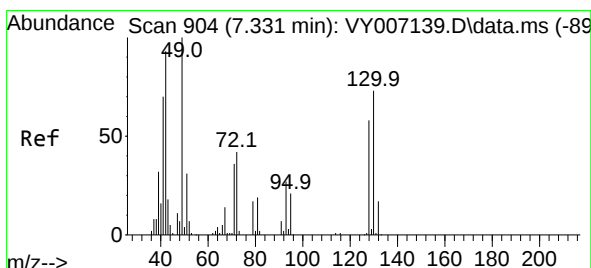
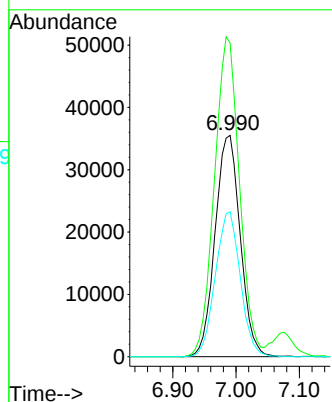
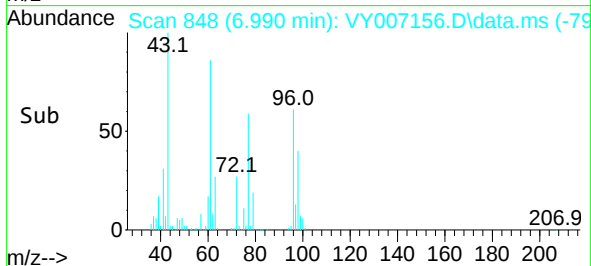
Tgt Ion:	96	Resp:	9785
Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	276.8
98	64.9	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#28

Bromochloromethane

Concen: 59.380 ug/l

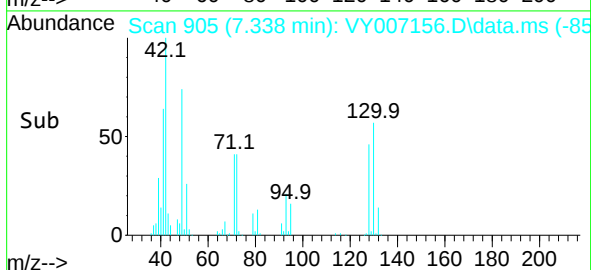
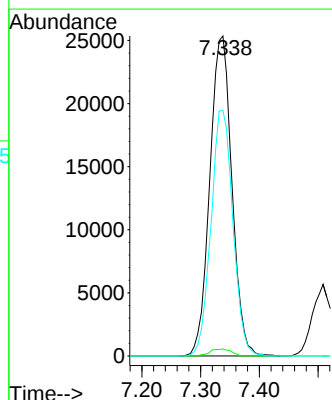
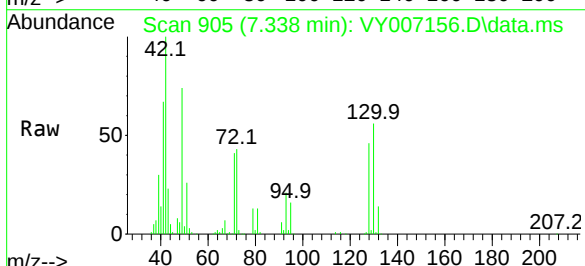
RT: 7.338 min Scan# 905

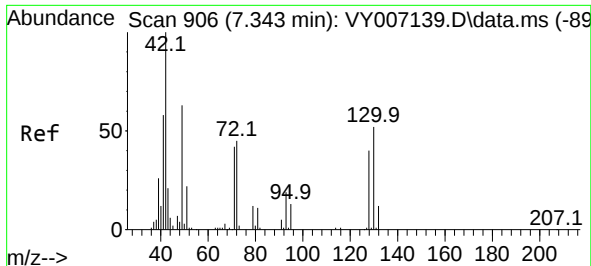
Delta R.T. 0.007 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Tgt Ion:	49	Resp:	66161
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	76.3	65.0	97.4





#29

Tetrahydrofuran

Concen: 285.345 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.001 min

Lab File: VY007156.D

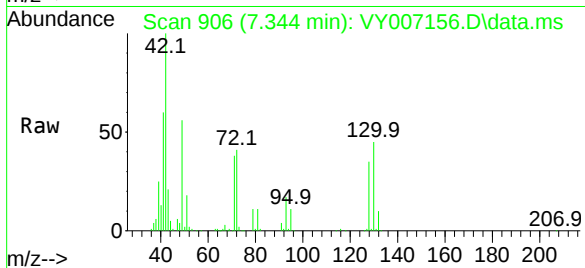
Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

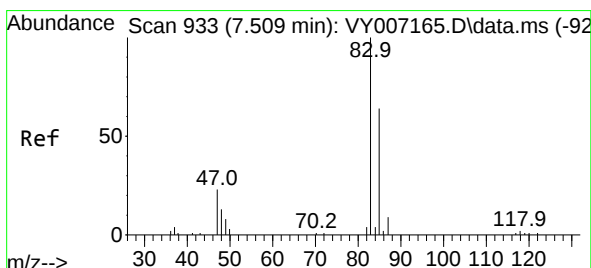
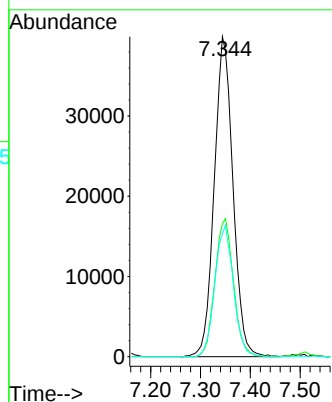
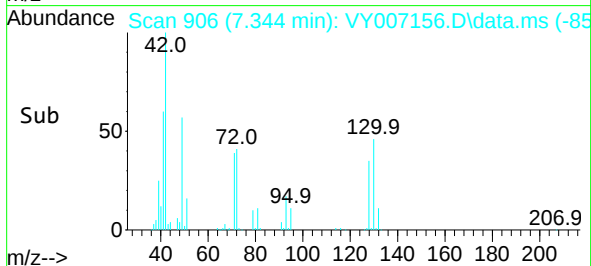


Tgt Ion:	42	Resp:	104034
Ion Ratio	Lower	Upper	
42	100		
72	42.9	36.6	54.8
71	40.6	34.1	51.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#30

Chloroform

Concen: 52.032 ug/l

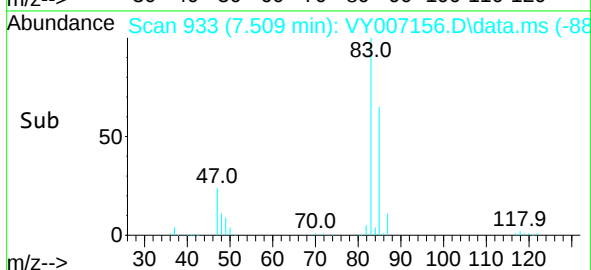
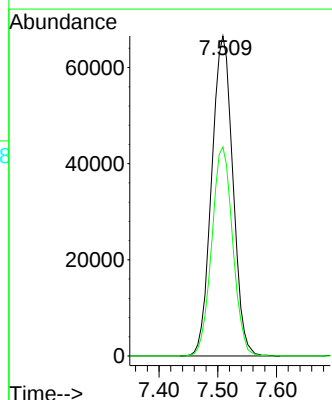
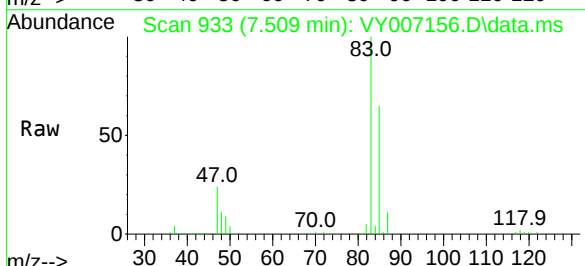
RT: 7.509 min Scan# 933

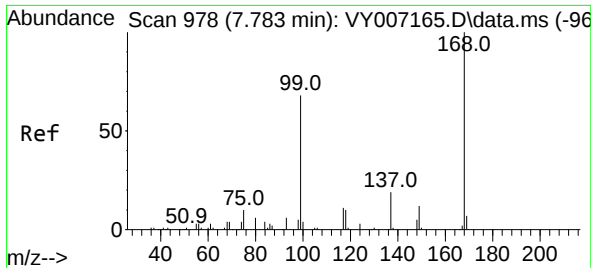
Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

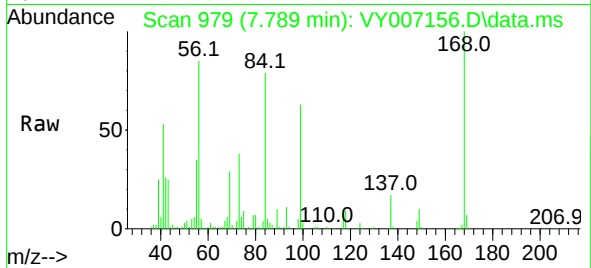
Tgt Ion:	83	Resp:	166526
Ion Ratio	Lower	Upper	
83	100		
85	65.3	50.9	76.3





#31
Cyclohexane
Concen: 48.155 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

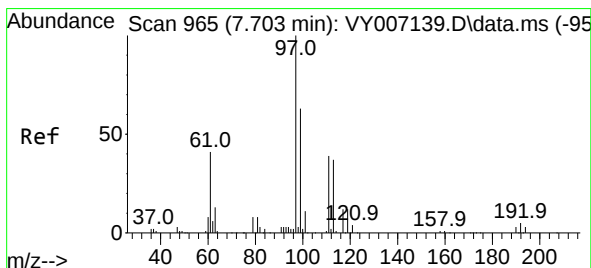
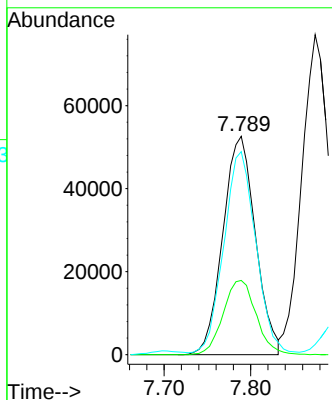
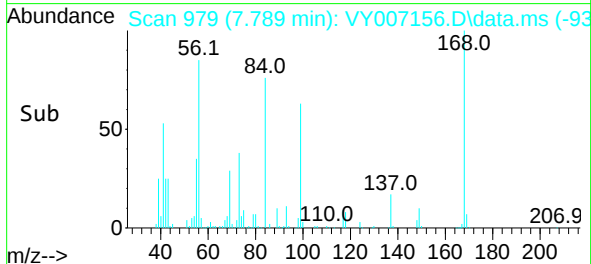
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



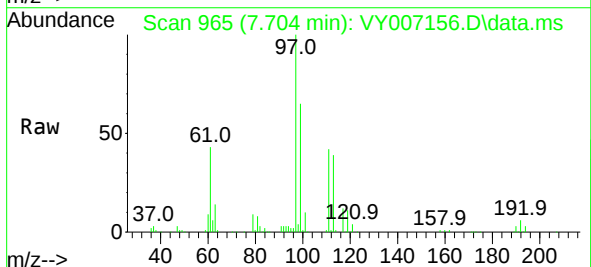
Tgt Ion: 56 Resp: 13761
Ion Ratio Lower Upper
56 100
69 34.0 27.2 40.8
84 91.6 72.1 108.1

Manual Integrations
APPROVED

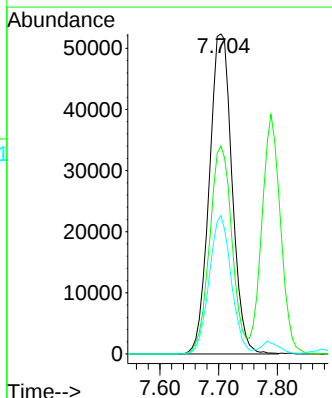
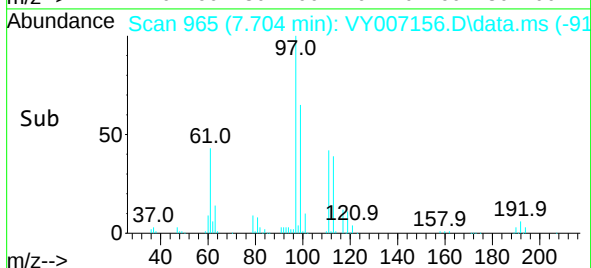
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

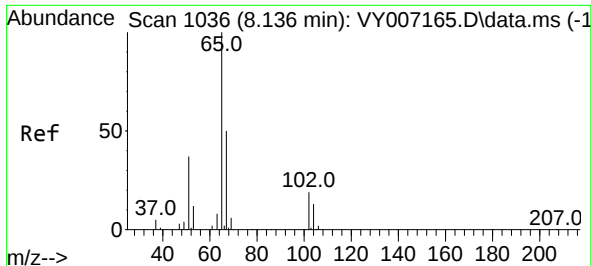


#32
1,1,1-Trichloroethane
Concen: 51.516 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



Tgt Ion: 97 Resp: 140925
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 41.9 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 50.468 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8530

Ion Ratio Lower Upper

65 100

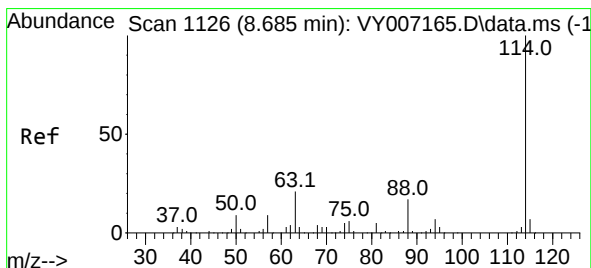
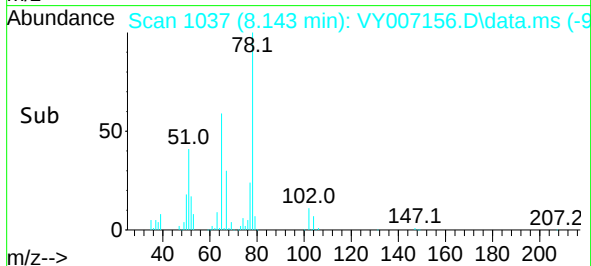
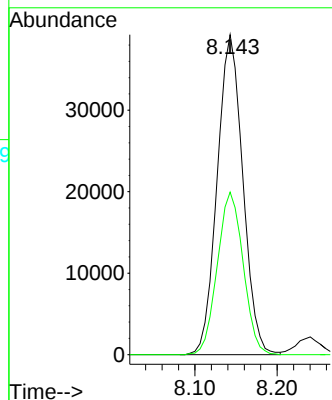
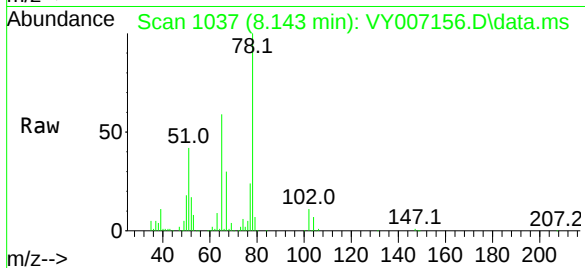
67 51.1 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

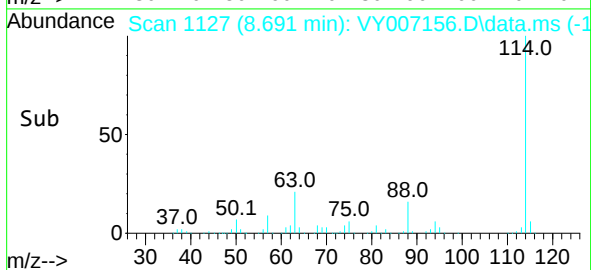
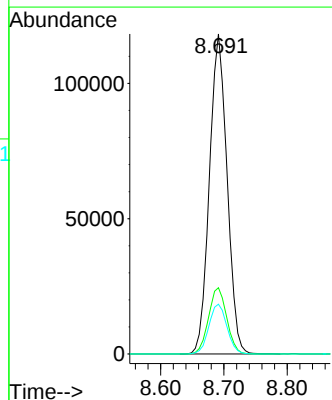
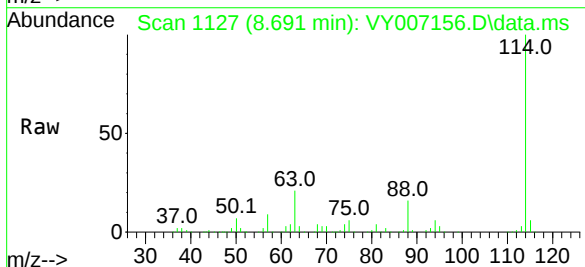
Tgt Ion:114 Resp: 229030

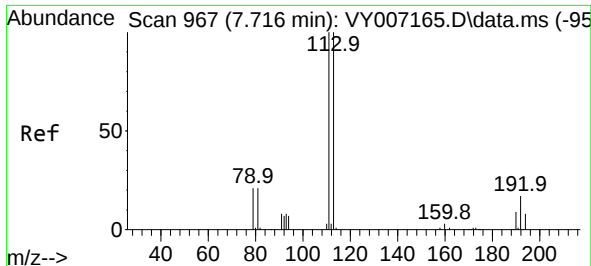
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

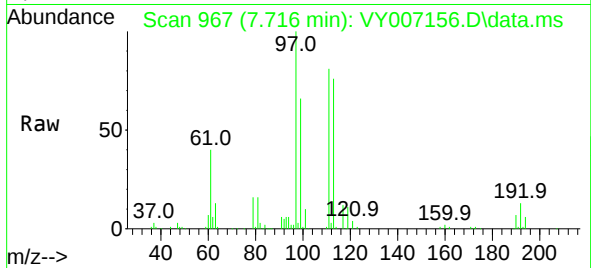
88 15.6 0.0 31.0





#35
Dibromofluoromethane
Concen: 49.537 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

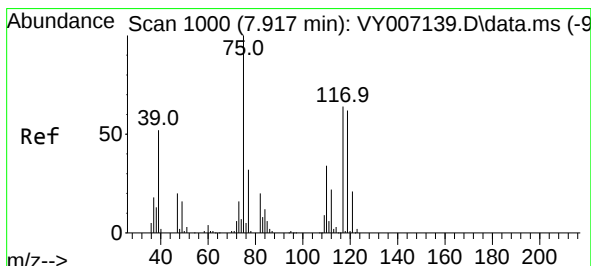
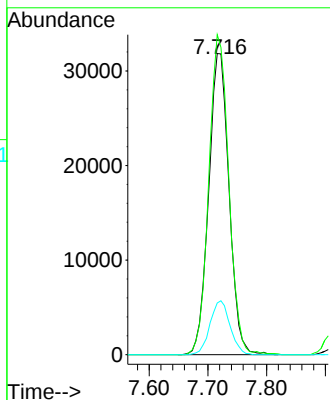
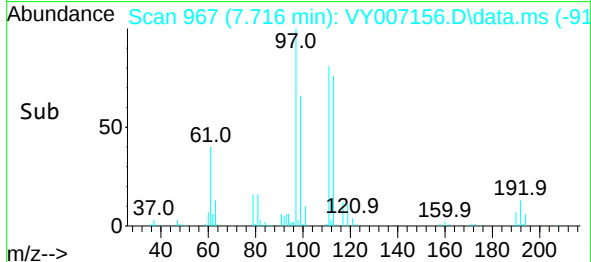
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 7671
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 17.6 14.2 21.4

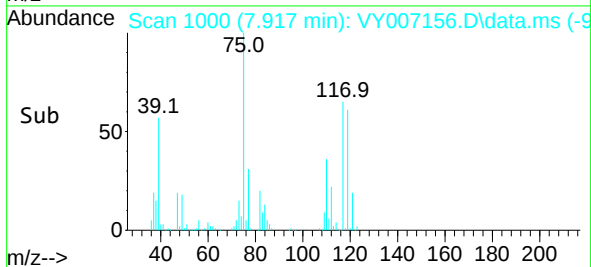
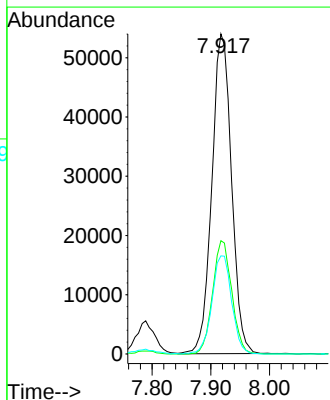
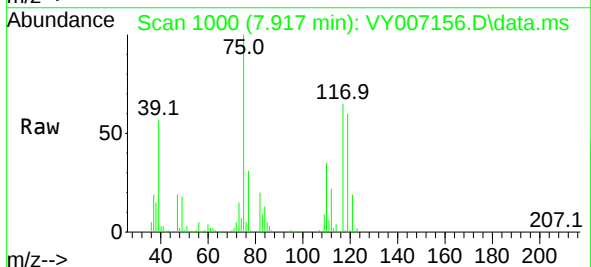
Manual Integrations
APPROVED

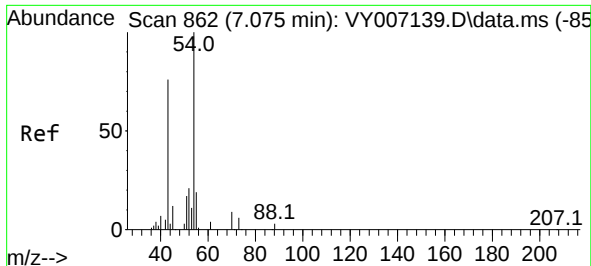
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#36
1,1-Dichloropropene
Concen: 50.788 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

Tgt Ion: 75 Resp: 125619
Ion Ratio Lower Upper
75 100
110 34.4 17.3 51.9
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 56.362 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY007156.D

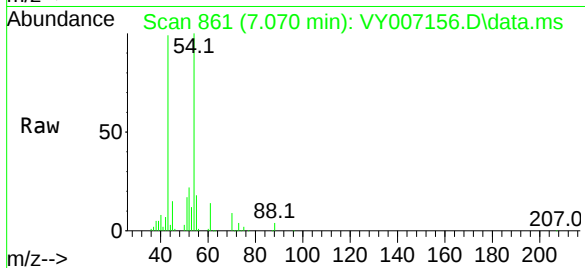
Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



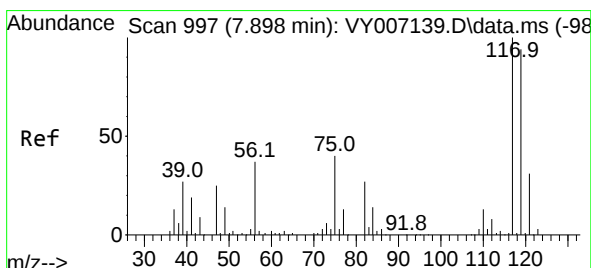
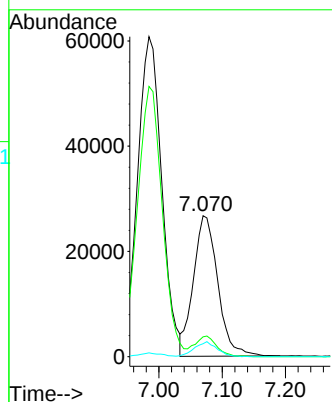
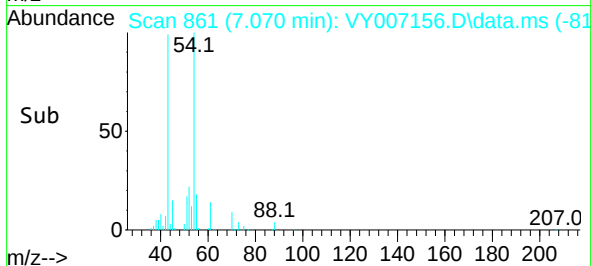
Tgt Ion:	43	Resp:	7154
Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.8	17.8
70	9.9	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#38

Carbon Tetrachloride

Concen: 51.083 ug/l

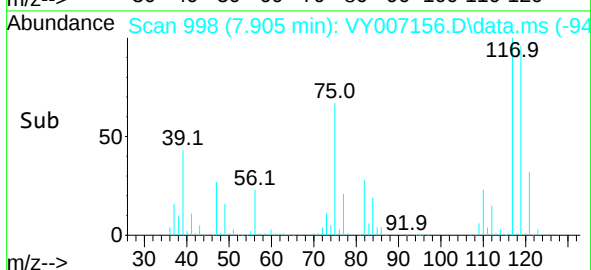
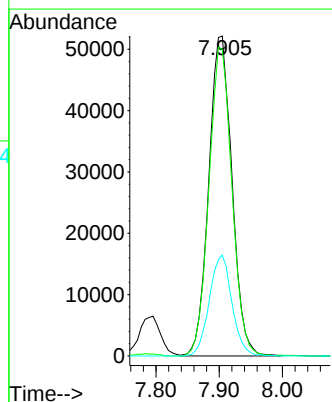
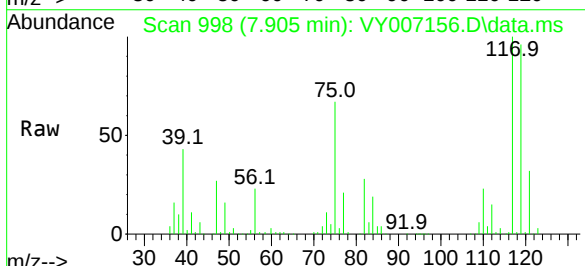
RT: 7.905 min Scan# 998

Delta R.T. 0.007 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

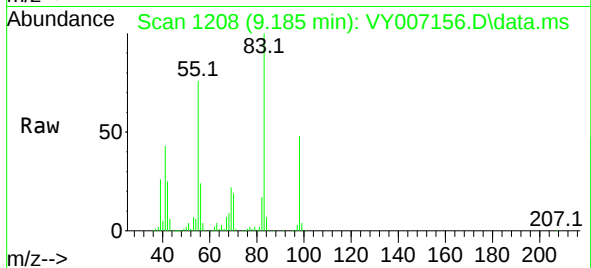
Tgt Ion:	117	Resp:	132899
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.2	115.8
121	31.5	24.2	36.2





#39
Methylcyclohexane
Concen: 50.395 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

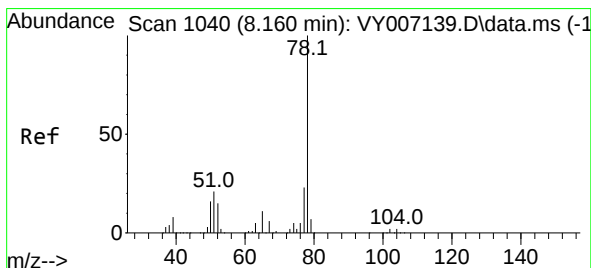
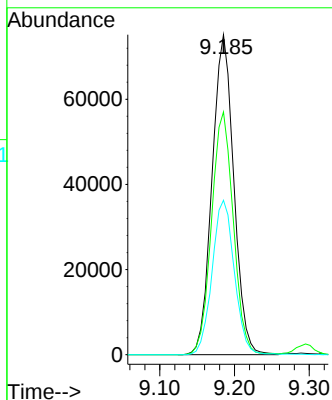
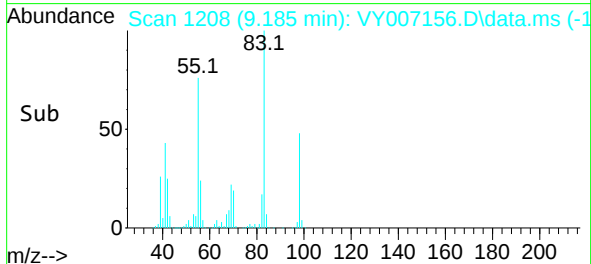
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 15219
Ion Ratio Lower Upper
83 100
55 75.8 58.8 88.2
98 48.2 38.7 58.1

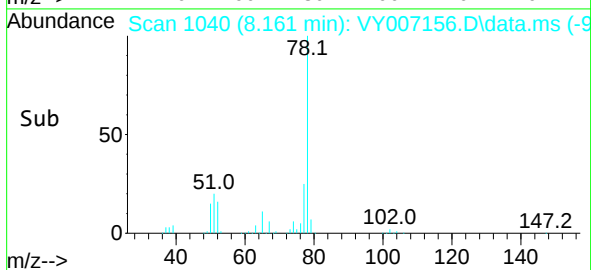
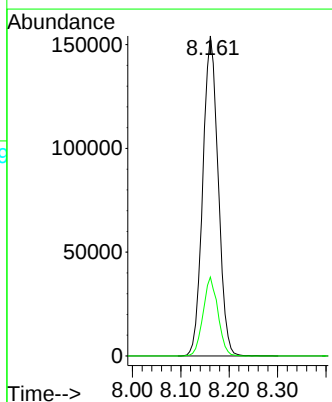
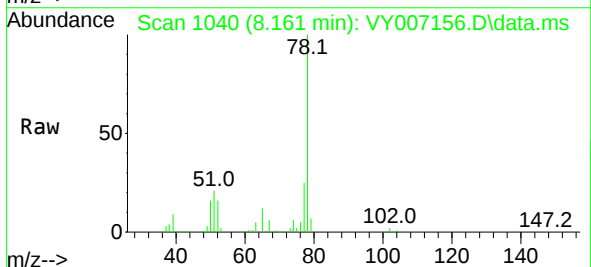
Manual Integrations
APPROVED

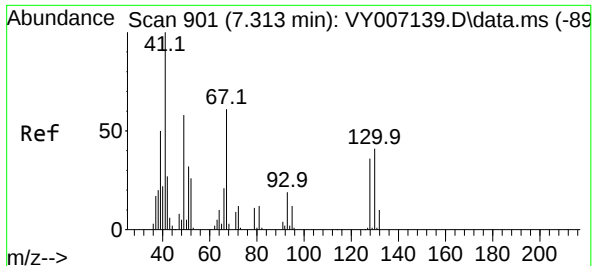
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#40
Benzene
Concen: 51.565 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

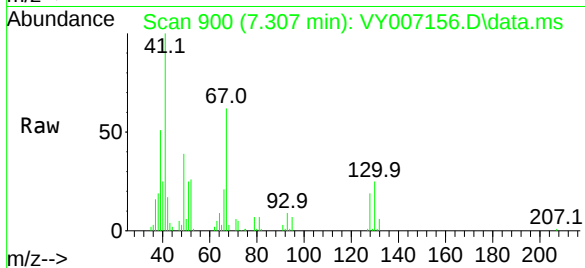
Tgt Ion: 78 Resp: 340214
Ion Ratio Lower Upper
78 100
77 24.7 18.6 27.8





#41
Methacrylonitrile
Concen: 51.583 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

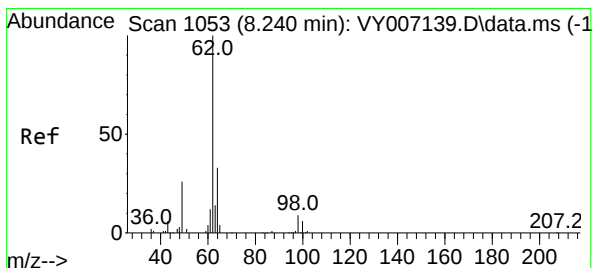
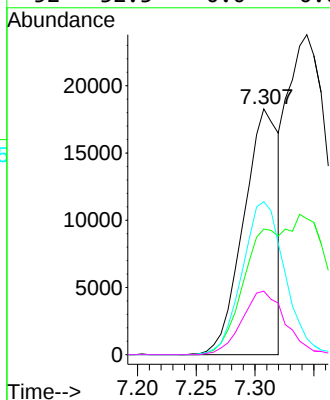
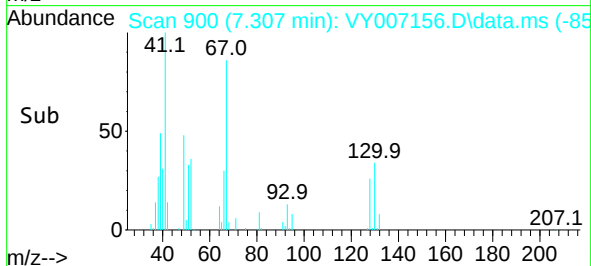
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



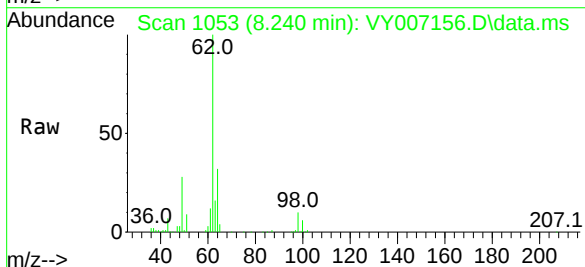
Tgt Ion: 41 Resp: 37700
Ion Ratio Lower Upper
41 100
39 53.0 0.0 0.0
67 76.2 0.0 0.0
52 32.3 0.0 0.0

Manual Integrations
APPROVED

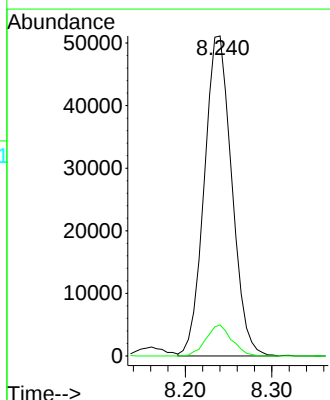
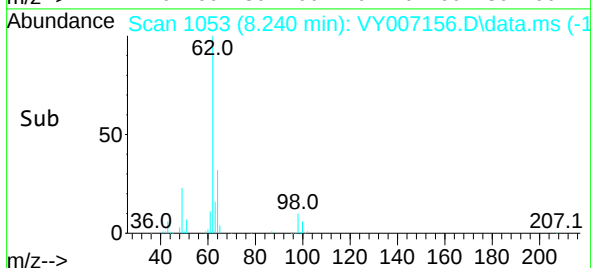
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

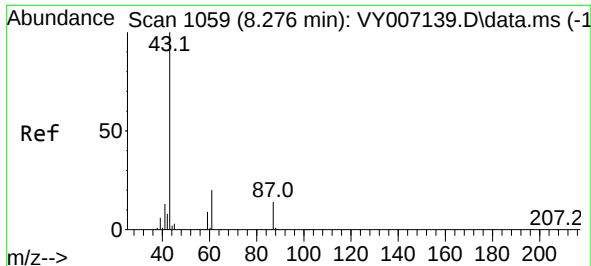


#42
1,2-Dichloroethane
Concen: 54.214 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



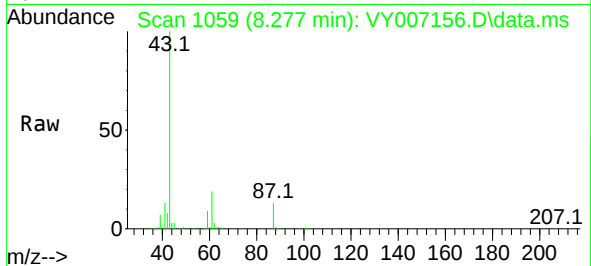
Tgt Ion: 62 Resp: 112637
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.2





#43
Isopropyl Acetate
Concen: 55.876 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

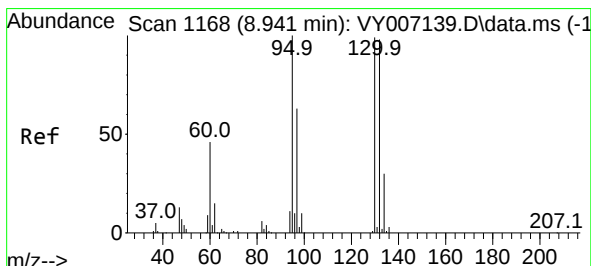
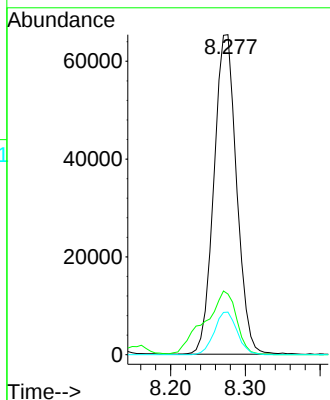
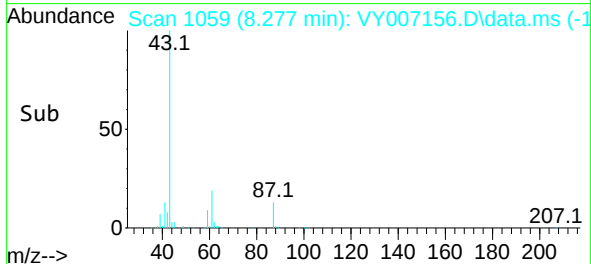
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 138009
Ion Ratio Lower Upper
43 100
61 28.1 23.8 35.8
87 13.4 11.6 17.4

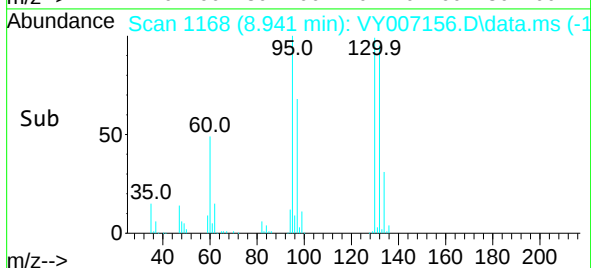
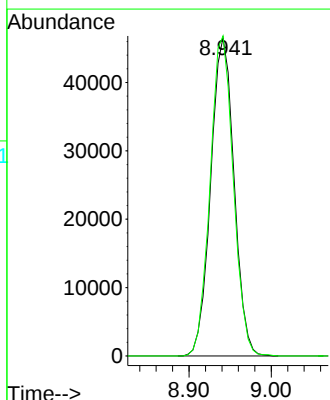
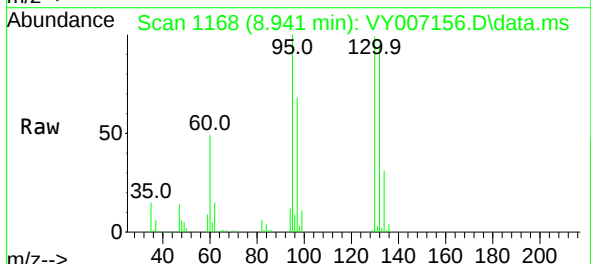
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#44
Trichloroethene
Concen: 51.323 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

Tgt Ion:130 Resp: 91631
Ion Ratio Lower Upper
130 100
95 100.6 0.0 196.6





#45

1,2-Dichloropropane

Concen: 52.045 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8732

Ion Ratio Lower Upper

63 100

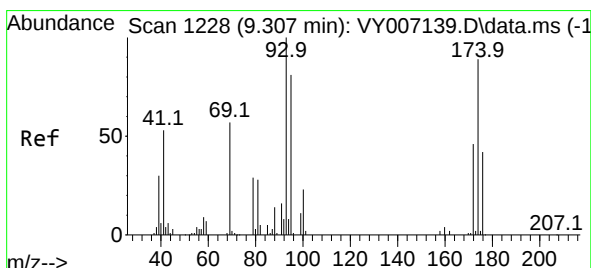
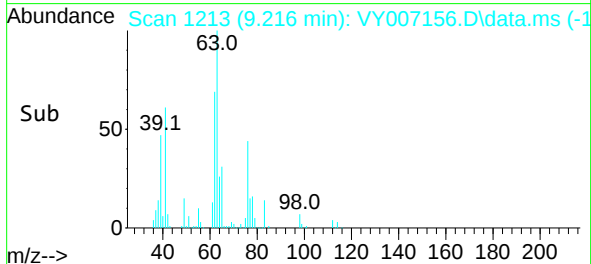
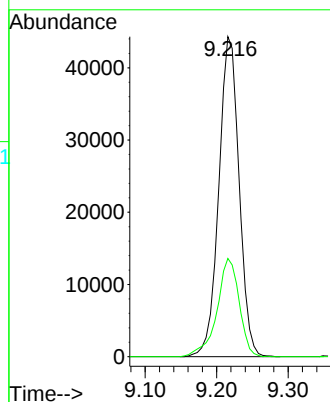
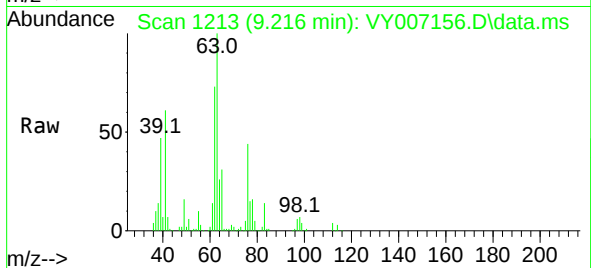
65 30.7 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#46

Dibromomethane

Concen: 53.272 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

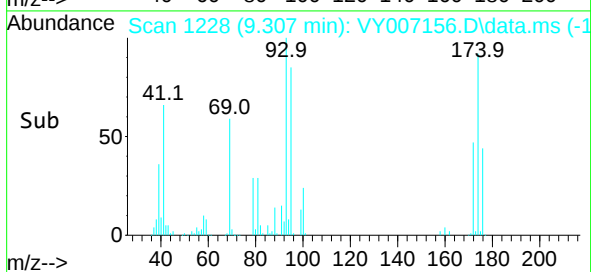
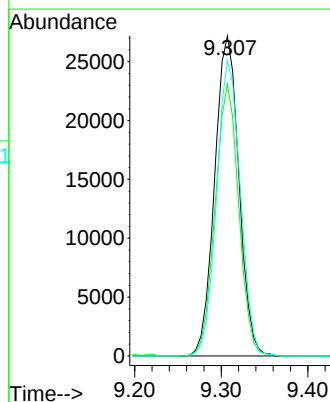
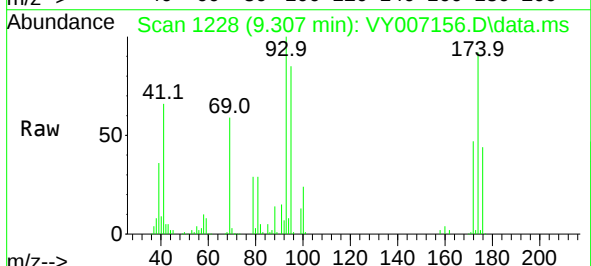
Tgt Ion: 93 Resp: 52855

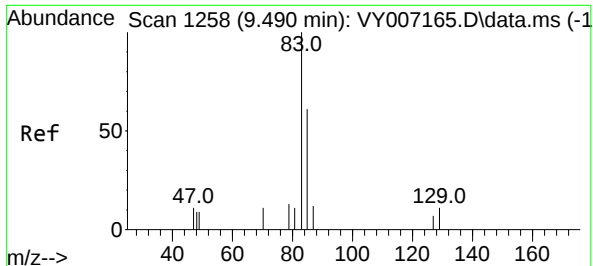
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.6

174 90.4 75.4 113.0





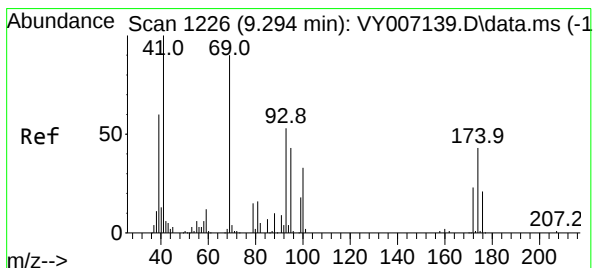
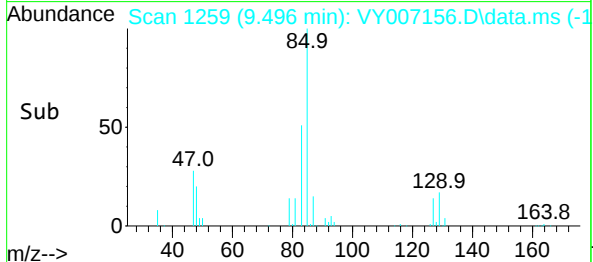
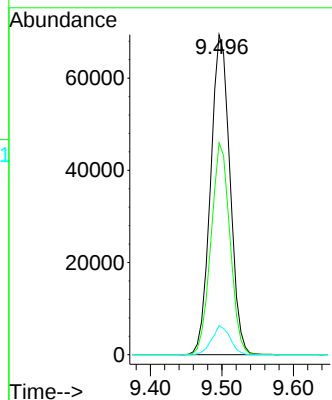
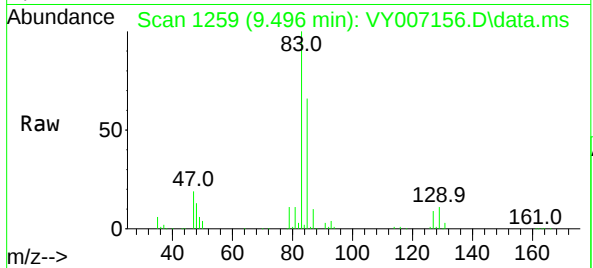
#47
Bromodichloromethane
Concen: 53.395 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 130230
Ion Ratio Lower Upper
83 100
85 66.2 51.4 77.2
127 9.1 6.5 9.7

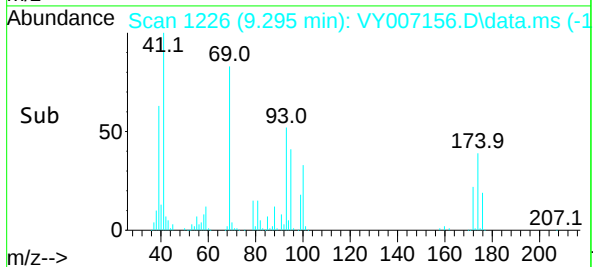
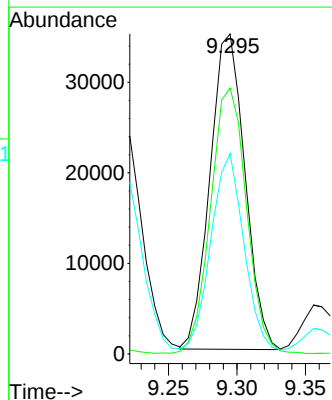
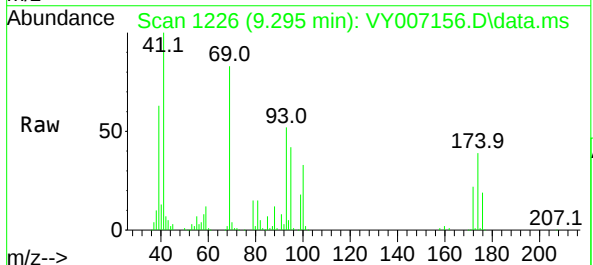
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#48
Methyl methacrylate
Concen: 54.971 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

Tgt Ion: 41 Resp: 61755
Ion Ratio Lower Upper
41 100
69 86.7 70.5 105.7
39 58.6 43.8 65.8





#49

1,4-Dioxane

Concen: 1163.704 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

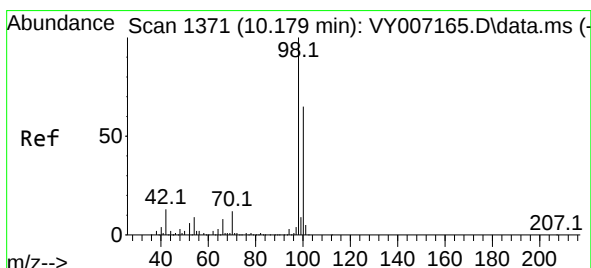
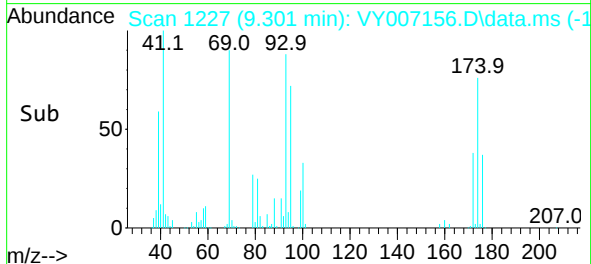
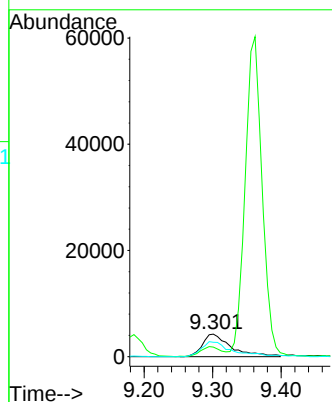
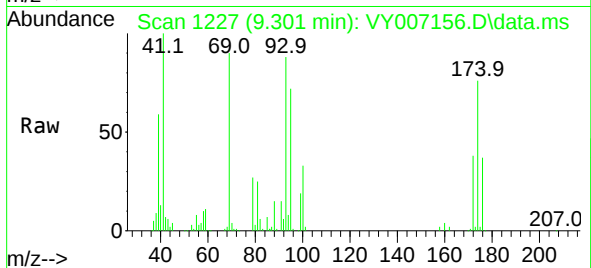
Tgt Ion: 88 Resp: 12449
 Ion Ratio Lower Upper
 88 100
 43 32.1 22.0 33.0
 58 69.9 58.6 87.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#50

Toluene-d8

Concen: 49.428 ug/l

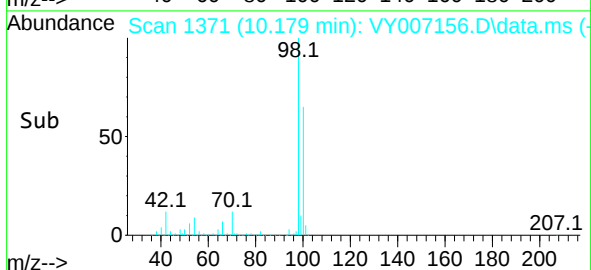
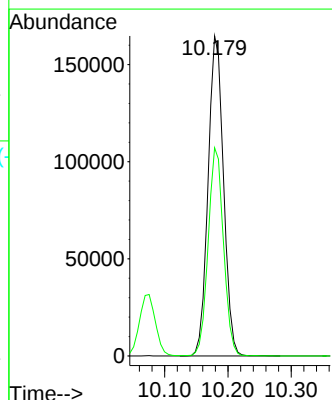
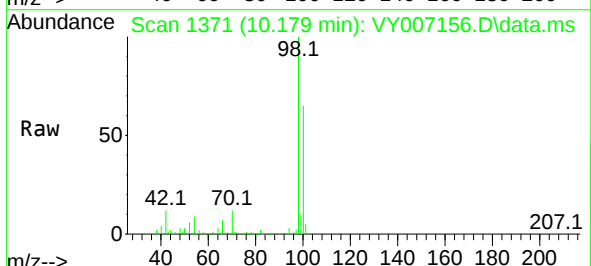
RT: 10.179 min Scan# 1371

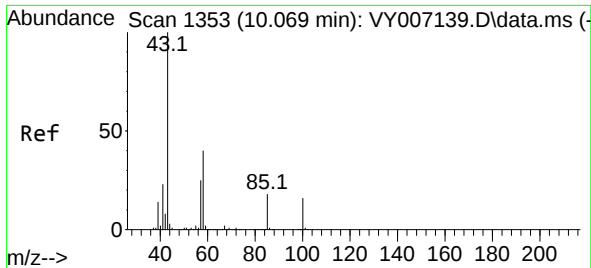
Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Tgt Ion: 98 Resp: 279702
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.2 78.2





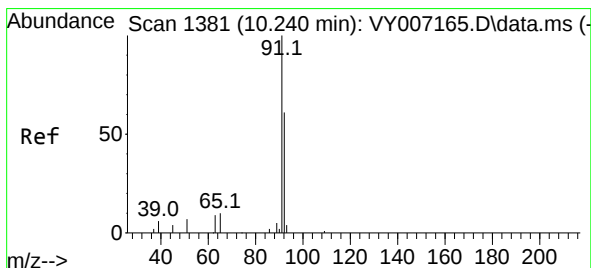
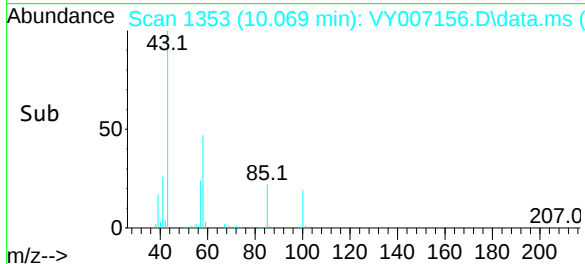
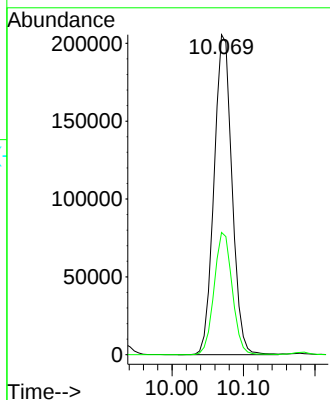
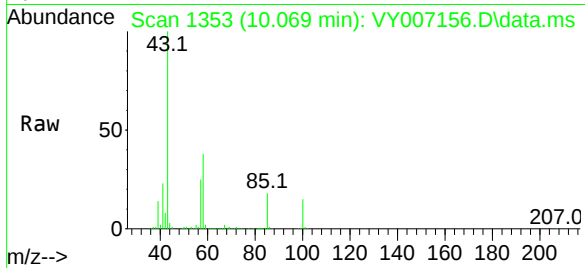
#51
4-Methyl-2-Pentanone
Concen: 286.210 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 35843
Ion Ratio Lower Upper
43 100
58 38.6 32.8 49.2

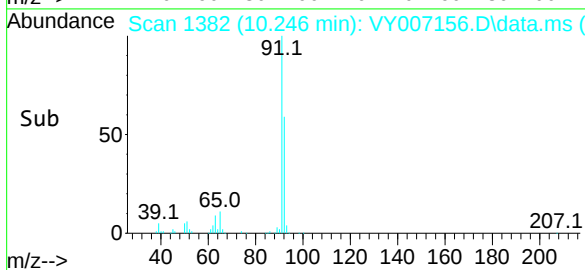
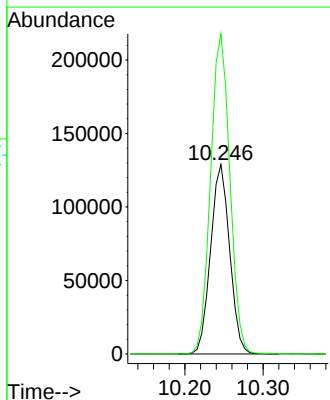
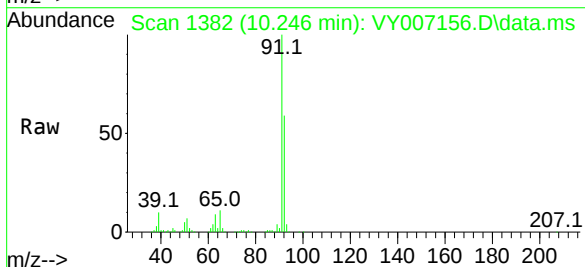
Manual Integrations
APPROVED

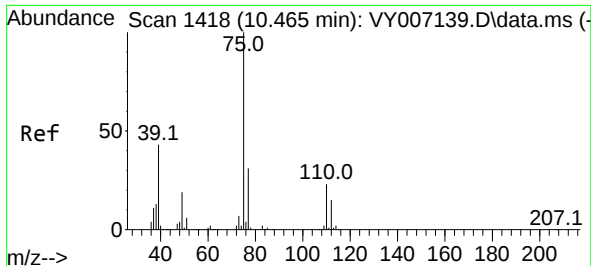
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#52
Toluene
Concen: 52.000 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

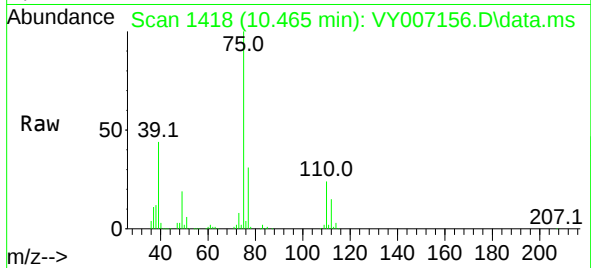
Tgt Ion: 92 Resp: 217470
Ion Ratio Lower Upper
92 100
91 171.8 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 54.622 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

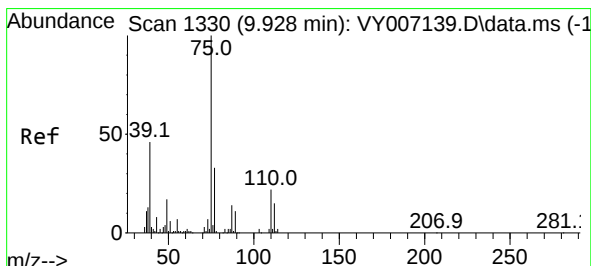
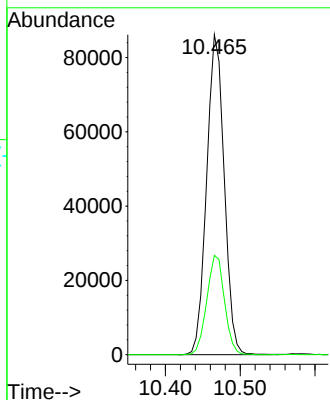
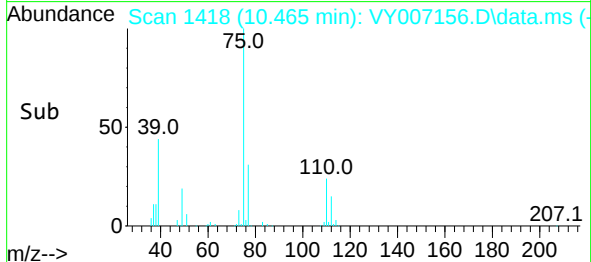
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



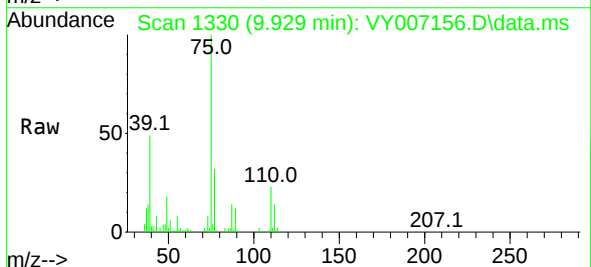
Tgt Ion: 75 Resp: 140639
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5

Manual Integrations
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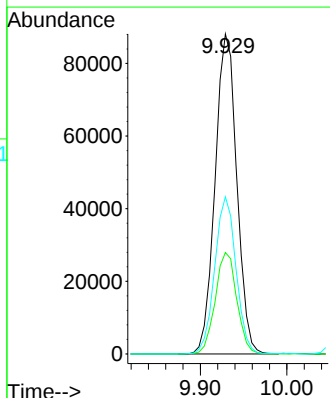
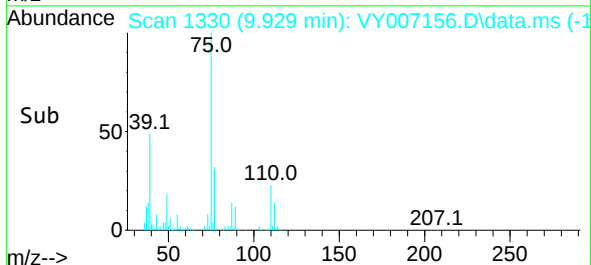
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

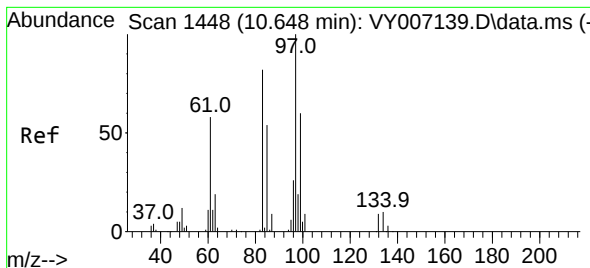


#54
cis-1,3-Dichloropropene
Concen: 53.176 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



Tgt Ion: 75 Resp: 153259
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
39 49.1 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 52.613 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 70800

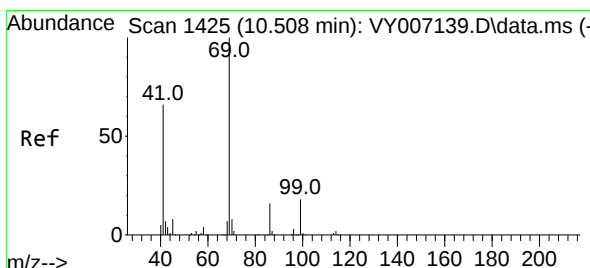
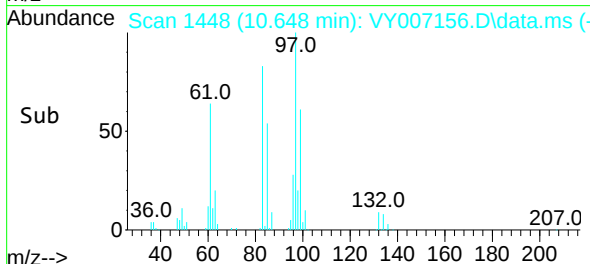
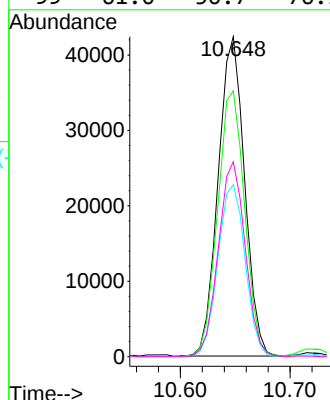
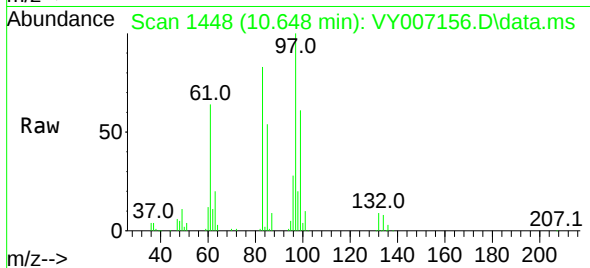
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.0	100.4
85	53.8	41.2	61.8
99	61.0	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#56

Ethyl methacrylate

Concen: 55.812 ug/l

RT: 10.508 min Scan# 1425

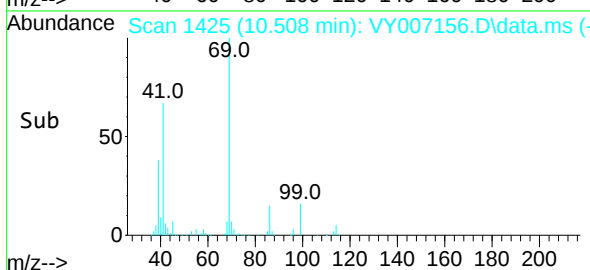
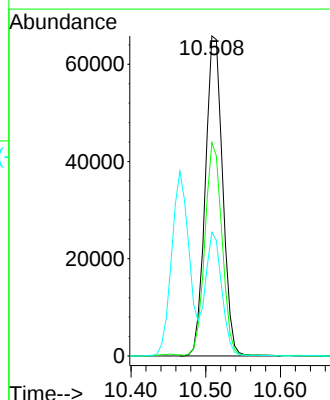
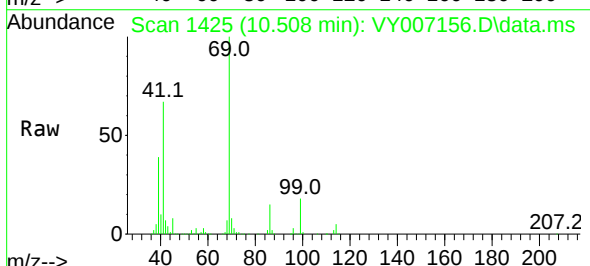
Delta R.T. 0.001 min

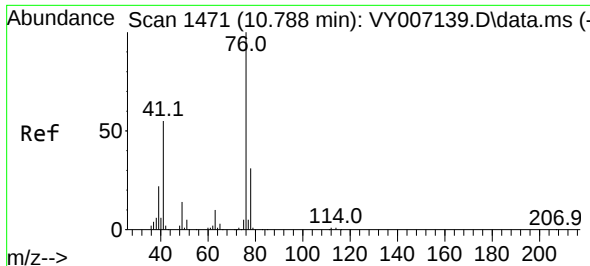
Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Tgt Ion: 69 Resp: 105815

Ion	Ratio	Lower	Upper
69	100		
41	65.7	49.4	74.0
39	36.5	27.7	41.5





#57

1,3-Dichloropropane

Concen: 53.548 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY007156.D

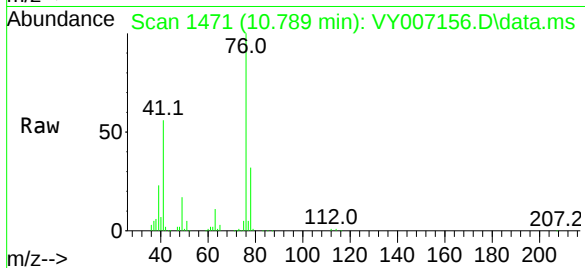
Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 12561

Ion Ratio Lower Upper

76 100

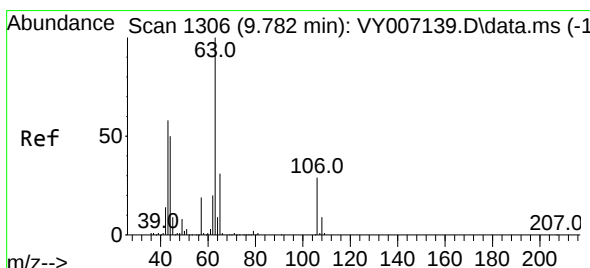
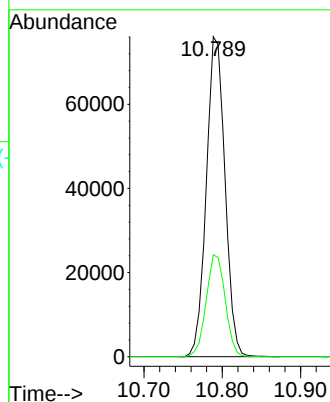
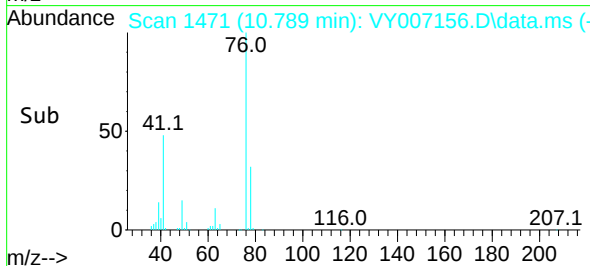
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#58

2-Chloroethyl Vinyl ether

Concen: 242.367 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY007156.D

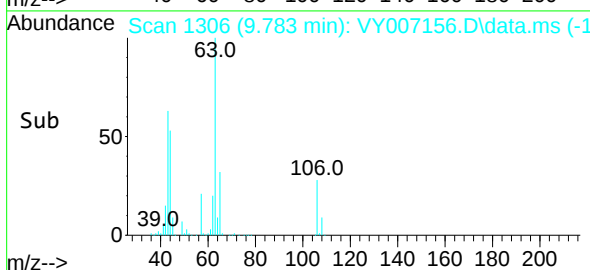
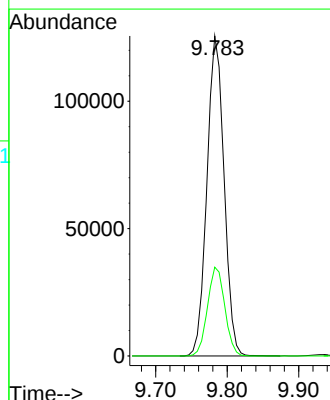
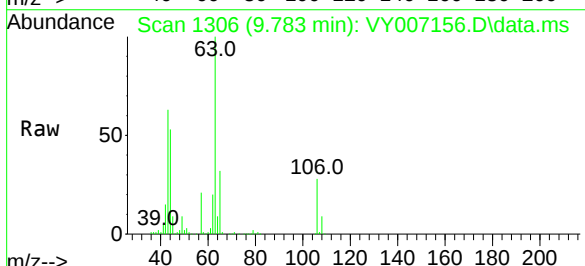
Acq: 14 Jan 2022 09:33

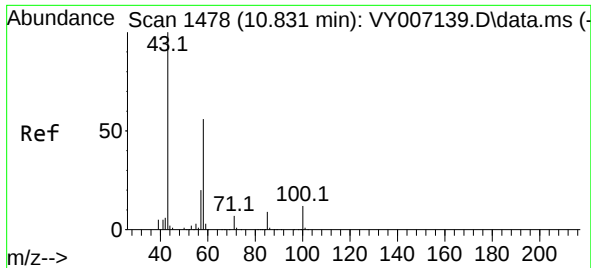
Tgt Ion: 63 Resp: 208946

Ion Ratio Lower Upper

63 100

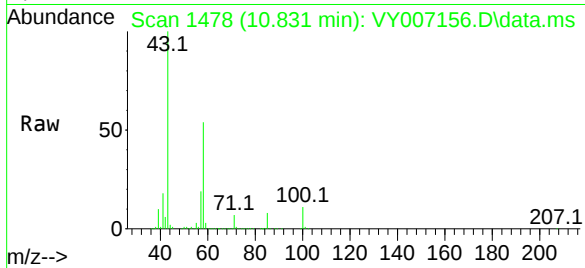
106 28.0 23.3 34.9





#59
2-Hexanone
Concen: 288.090 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

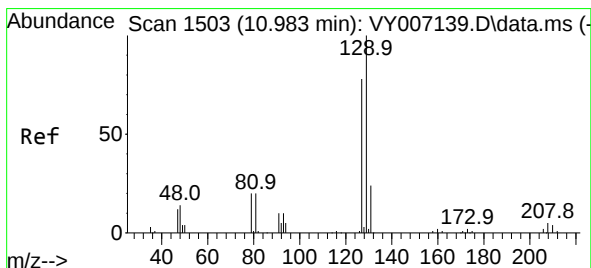
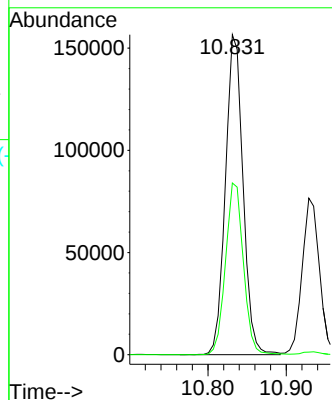
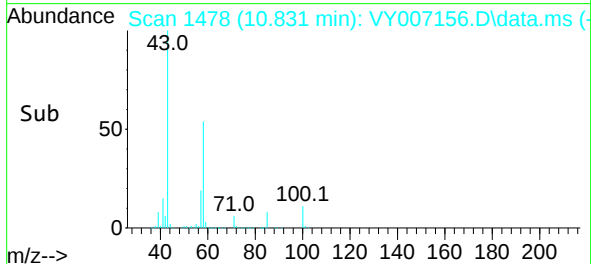
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



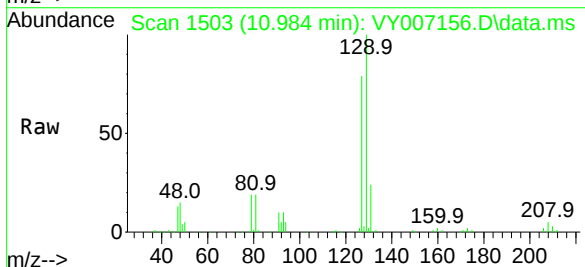
Tgt Ion: 43 Resp: 24485
Ion Ratio Lower Upper
43 100
58 54.5 28.4 85.3

Manual Integrations
APPROVED

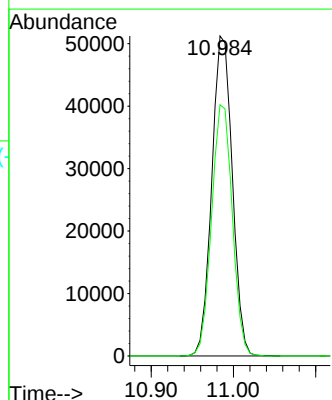
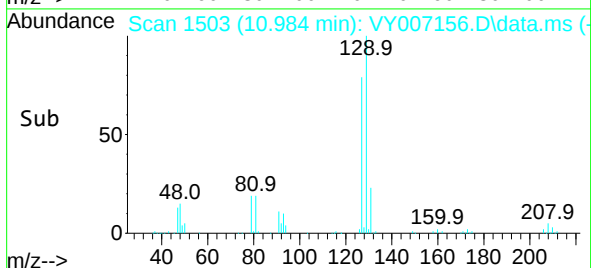
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

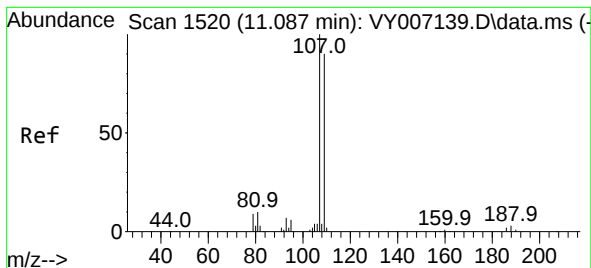


#60
Dibromochloromethane
Concen: 53.737 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



Tgt Ion:129 Resp: 88901
Ion Ratio Lower Upper
129 100
127 79.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 54.196 ug/l

RT: 11.093 min Scan# 11093

Delta R.T. 0.007 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:107 Resp: 71654

Ion Ratio Lower Upper

107 100

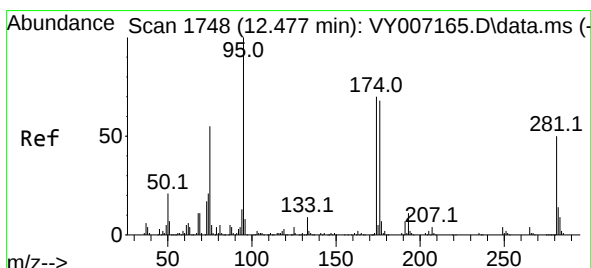
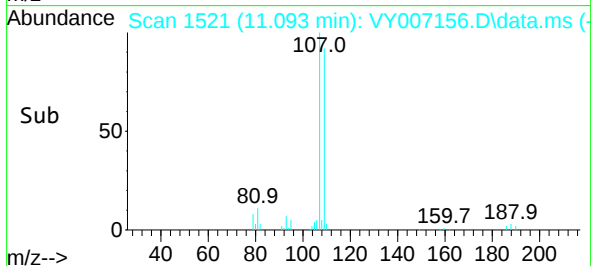
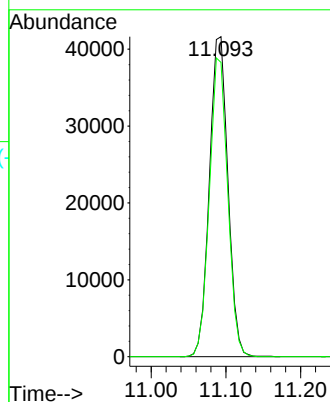
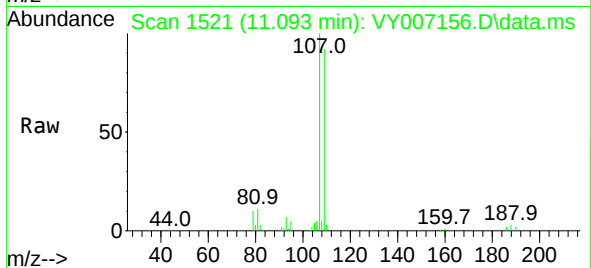
109 92.3 75.4 113.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#62

4-Bromofluorobenzene

Concen: 50.200 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

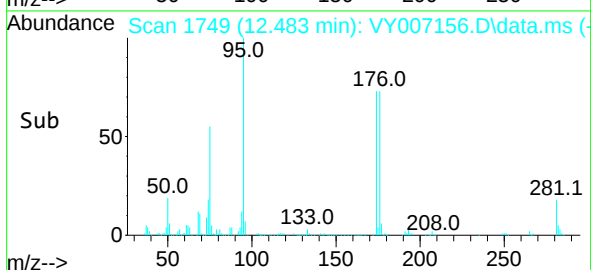
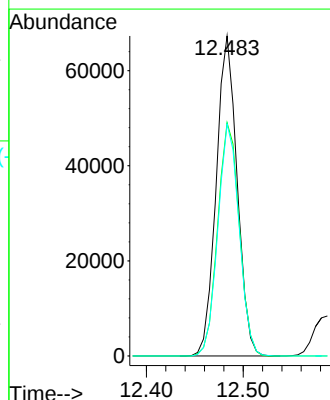
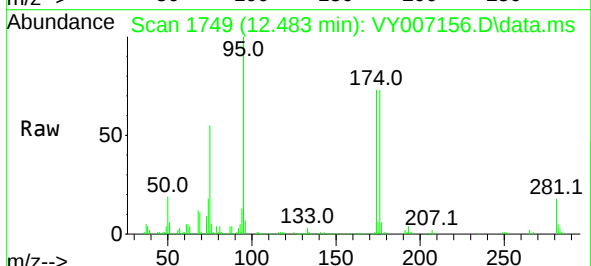
Tgt Ion: 95 Resp: 101048

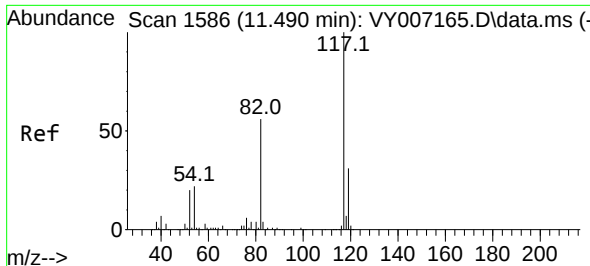
Ion Ratio Lower Upper

95 100

174 75.1 0.0 148.4

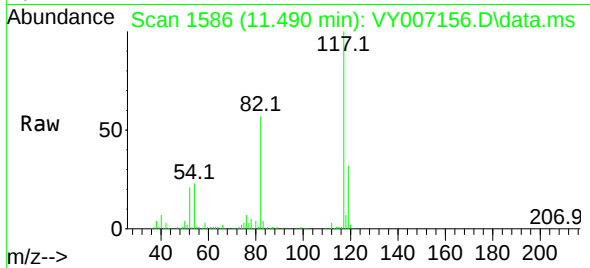
176 73.4 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

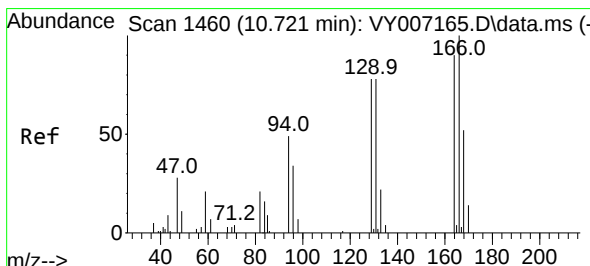
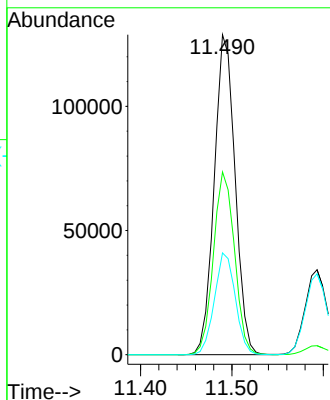
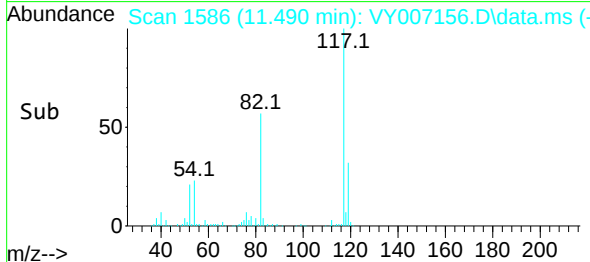
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



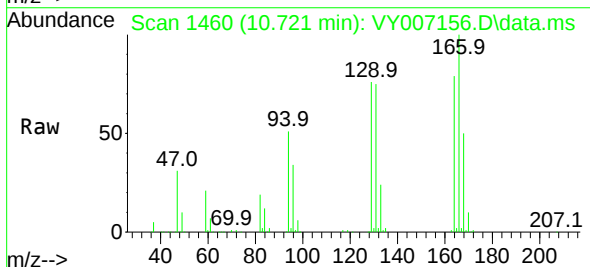
Tgt Ion:117 Resp: 204468
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 31.8 26.4 39.6

Manual Integrations
APPROVED

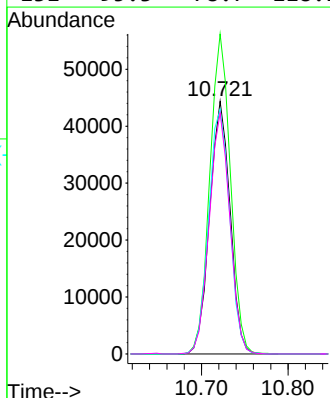
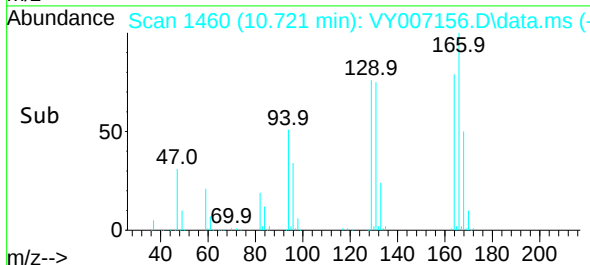
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

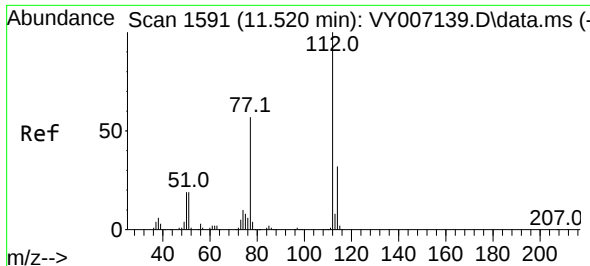


#64
Tetrachloroethene
Concen: 49.480 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



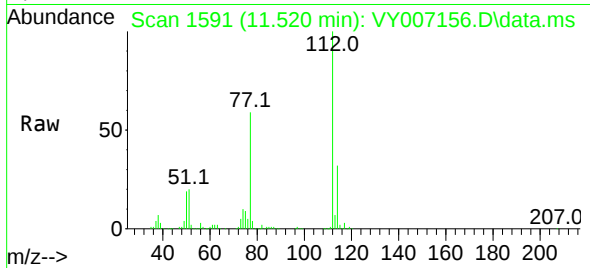
Tgt Ion:164 Resp: 72924
Ion Ratio Lower Upper
164 100
166 126.6 102.6 154.0
129 96.8 84.6 127.0
131 95.3 78.7 118.1





#65
Chlorobenzene
Concen: 51.313 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

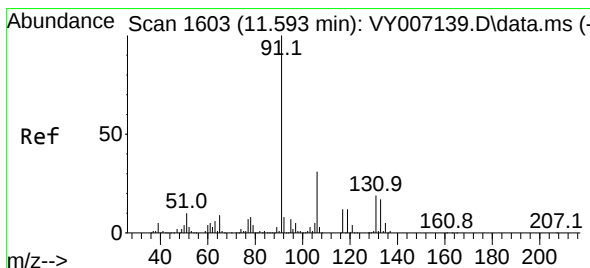
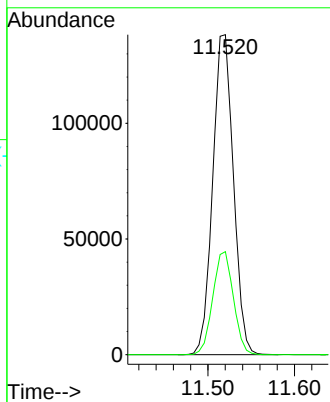
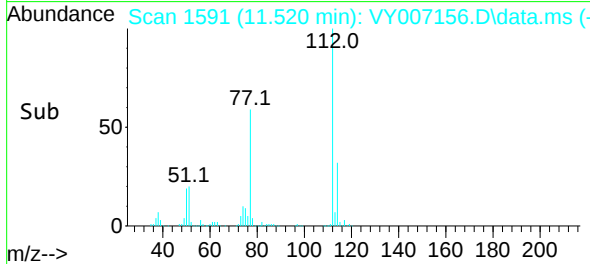
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



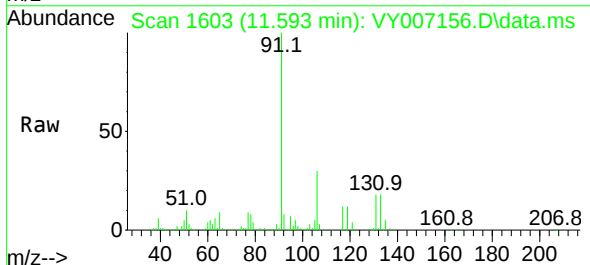
Tgt Ion:112 Resp: 229410
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

Manual Integrations
APPROVED

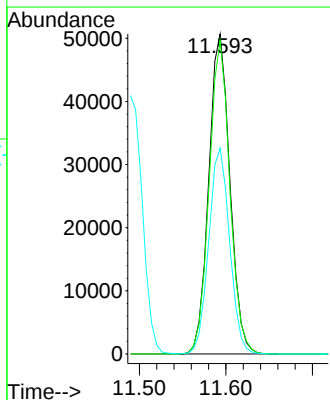
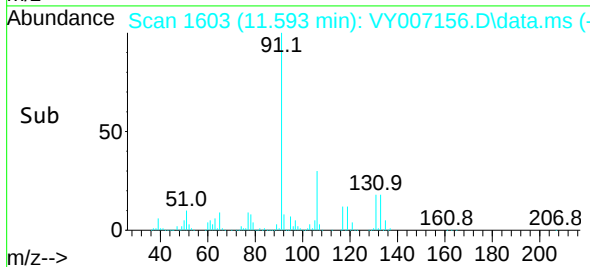
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

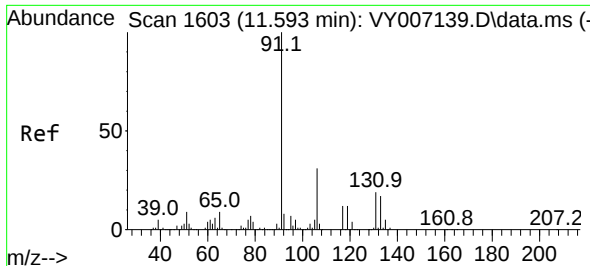


#66
1,1,1,2-Tetrachloroethane
Concen: 51.752 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



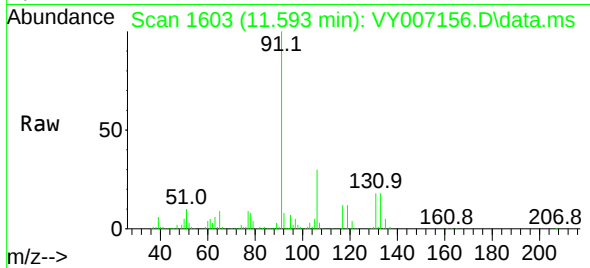
Tgt Ion:131 Resp: 85768
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.5
119 63.7 32.6 97.7





#67
Ethyl Benzene
Concen: 51.638 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

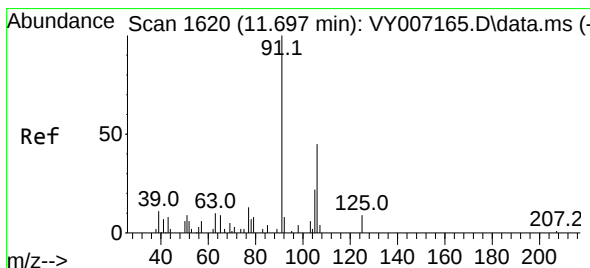
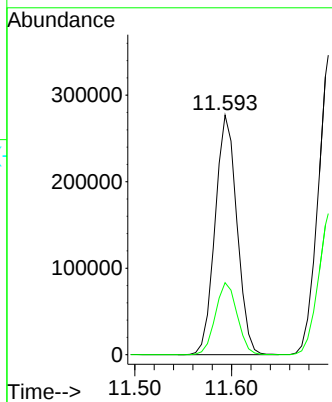
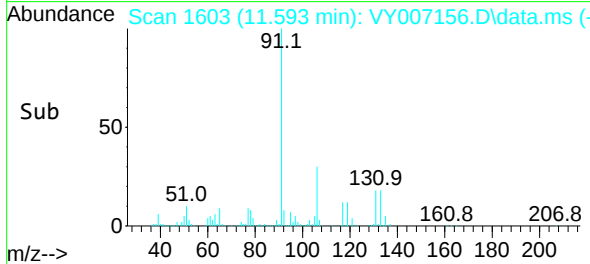
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



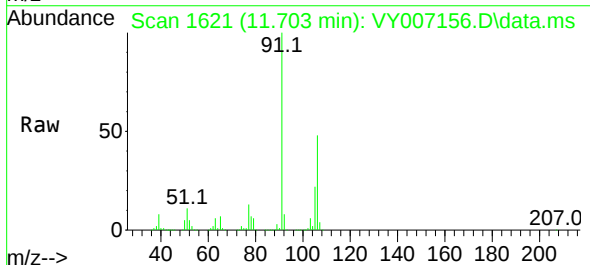
Tgt Ion: 91 Resp: 433910
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9

Manual Integrations
APPROVED

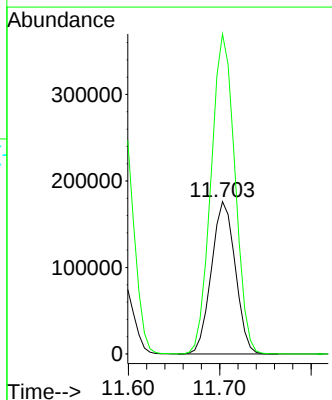
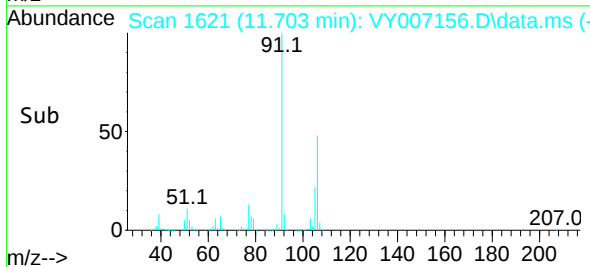
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

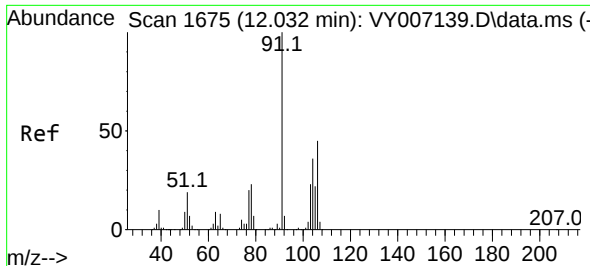


#68
m/p-Xylenes
Concen: 102.543 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



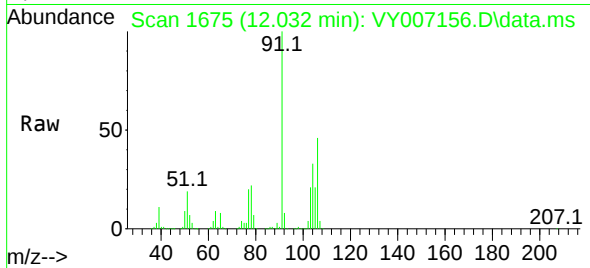
Tgt Ion:106 Resp: 320208
Ion Ratio Lower Upper
106 100
91 210.0 167.1 250.7





#69
o-Xylene
Concen: 52.022 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

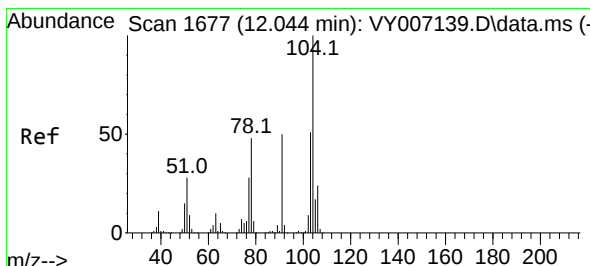
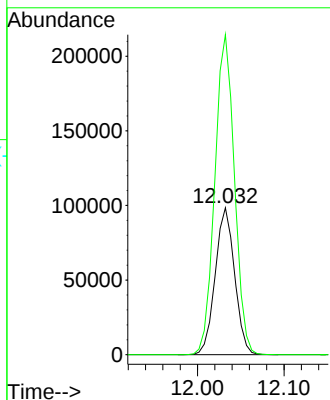
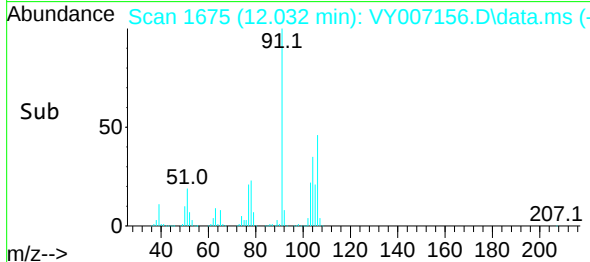
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 152980
Ion Ratio Lower Upper
106 100
91 220.7 109.9 329.6

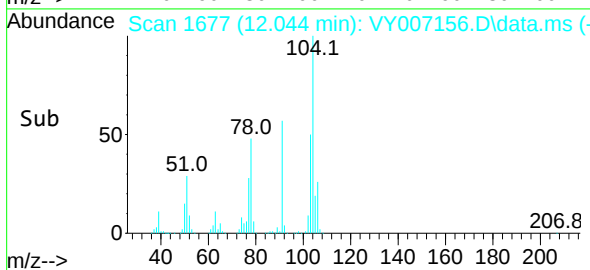
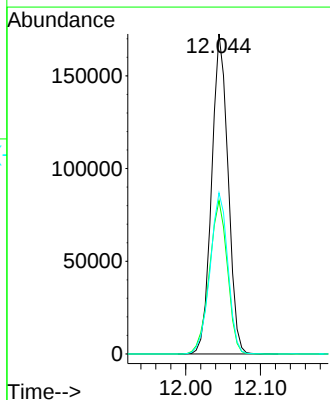
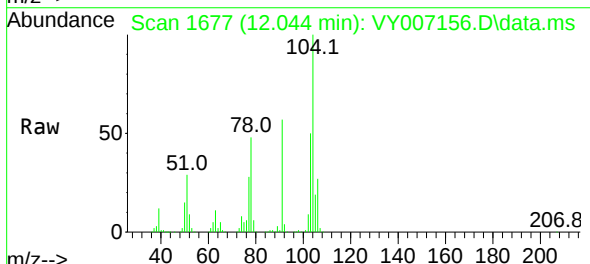
Manual Integrations
APPROVED

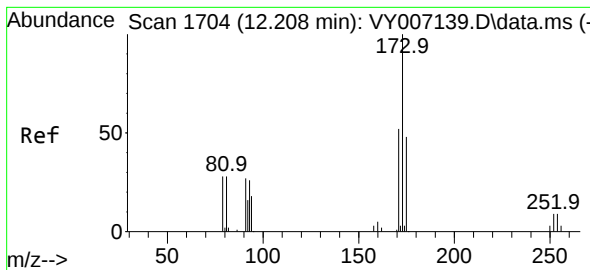
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#70
Styrene
Concen: 53.161 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

Tgt Ion:104 Resp: 263727
Ion Ratio Lower Upper
104 100
78 52.5 41.4 62.0
103 54.5 44.2 66.2





#71

Bromoform

Concen: 54.641 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 5238

Ion Ratio Lower Upper

173 100

175 48.4 24.8 74.3

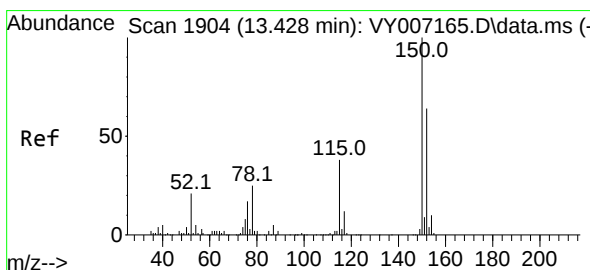
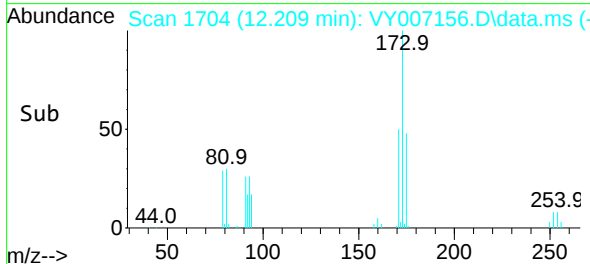
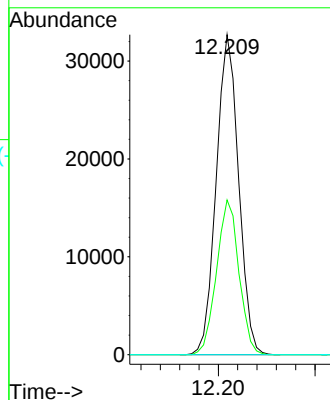
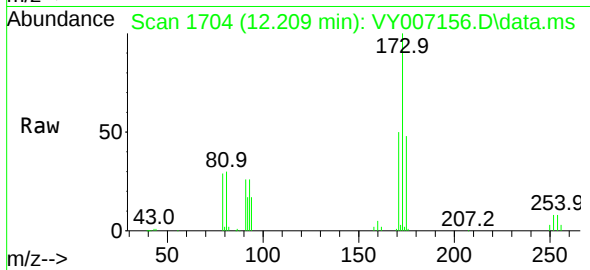
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

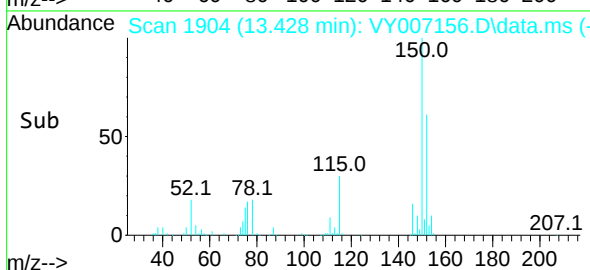
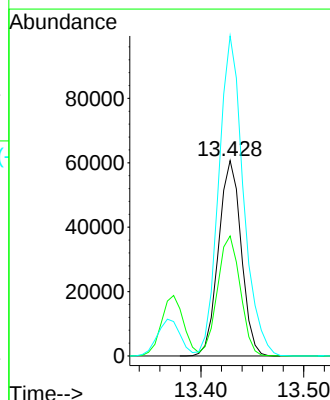
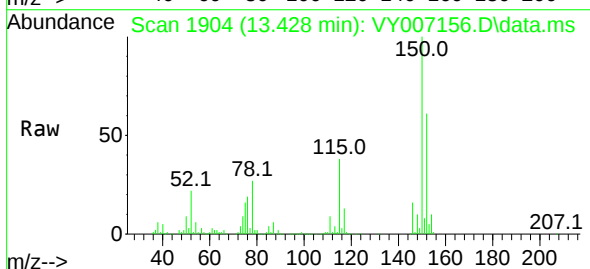
Tgt Ion:152 Resp: 92989

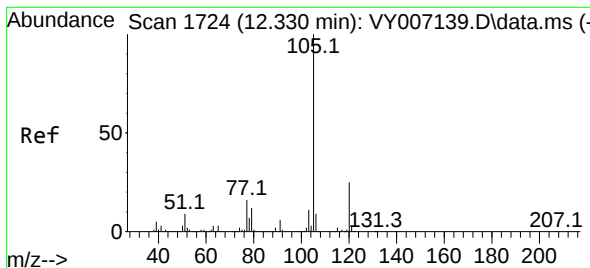
Ion Ratio Lower Upper

152 100

115 61.9 31.4 94.0

150 178.1 0.0 348.4





#73

Isopropylbenzene

Concen: 50.850 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 40840

Ion Ratio Lower Upper

105 100

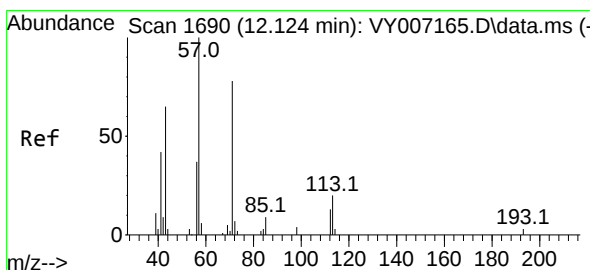
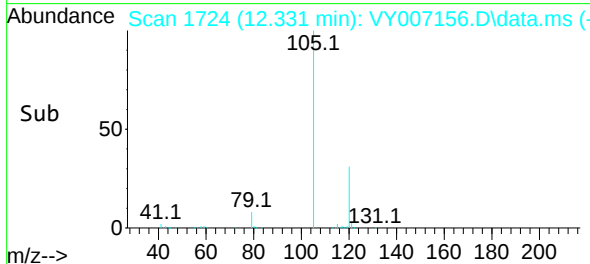
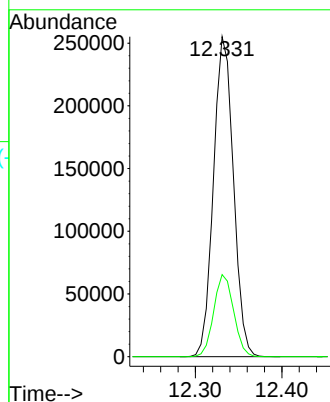
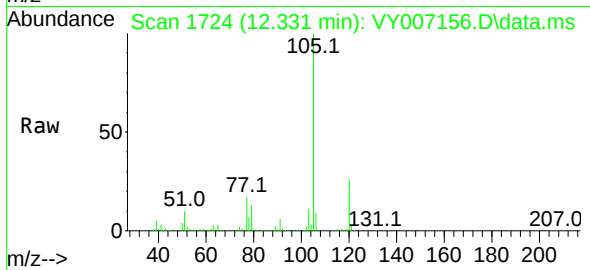
120 25.5 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#74

N-amil acetate

Concen: 57.247 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Tgt Ion: 43 Resp: 122949

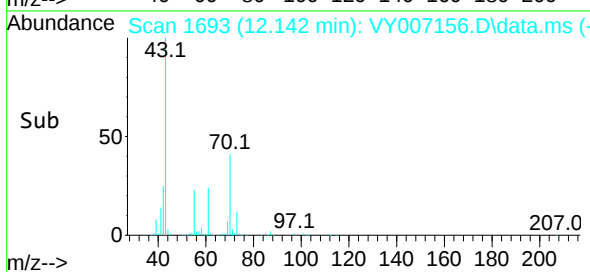
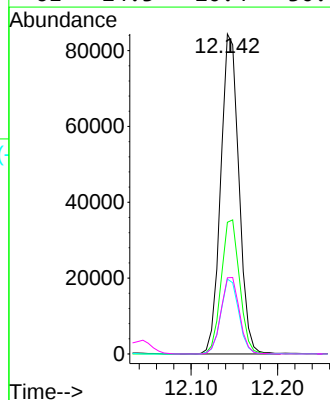
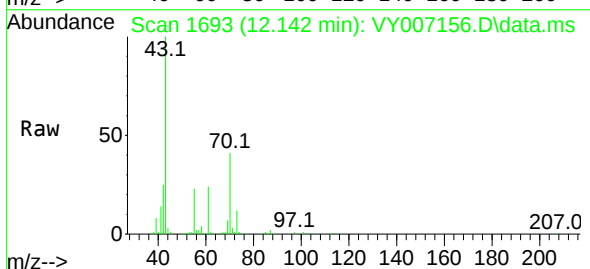
Ion Ratio Lower Upper

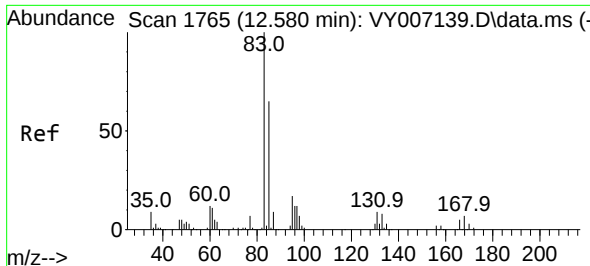
43 100

70 42.5 36.2 54.4

55 23.1 19.0 28.4

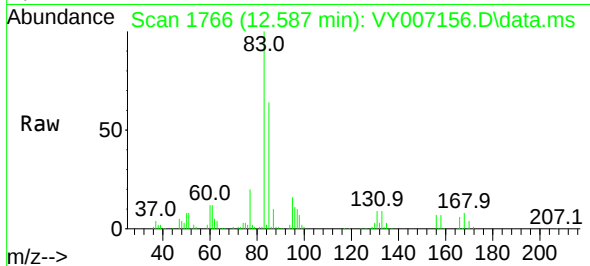
61 24.3 20.4 30.6





#75
1,1,2,2-Tetrachloroethane
Concen: 54.378 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.007 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

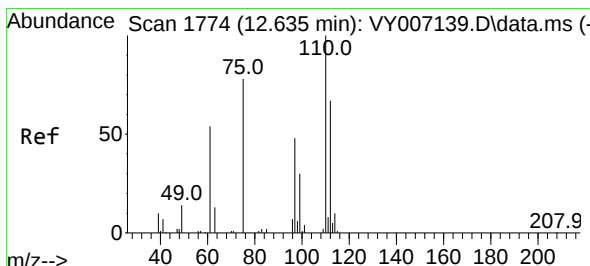
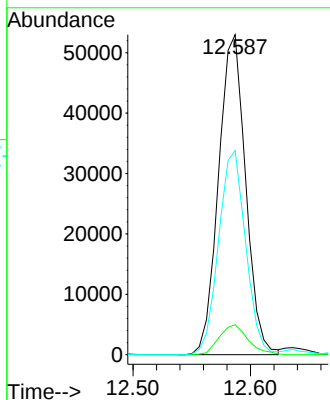
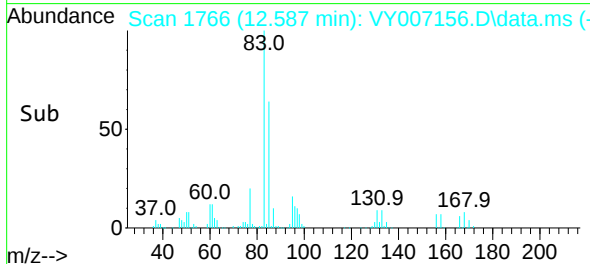
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



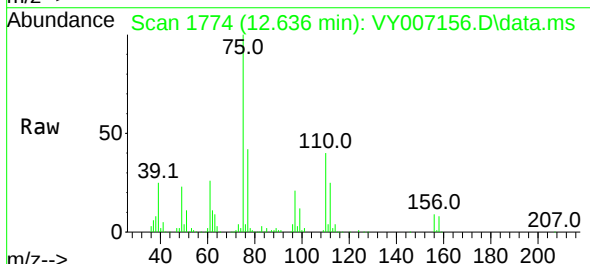
Tgt Ion: 83 Resp: 84925
Ion Ratio Lower Upper
83 100
131 9.9 5.3 16.1
85 63.7 32.4 97.2

Manual Integrations
APPROVED

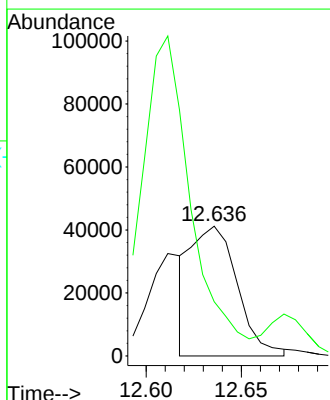
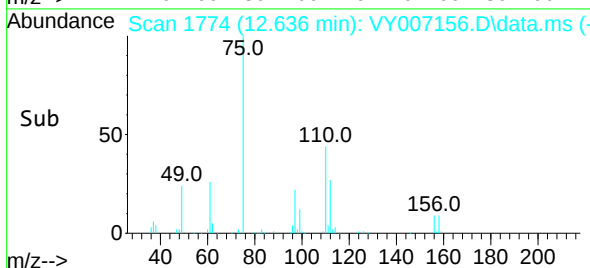
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

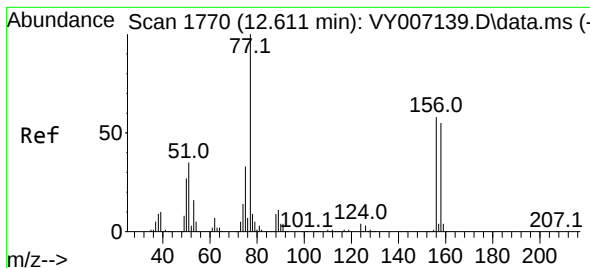


#76
1,2,3-Trichloropropane
Concen: 66.176 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



Tgt Ion: 75 Resp: 70168
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.915 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

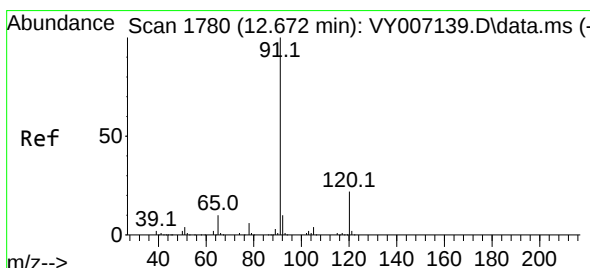
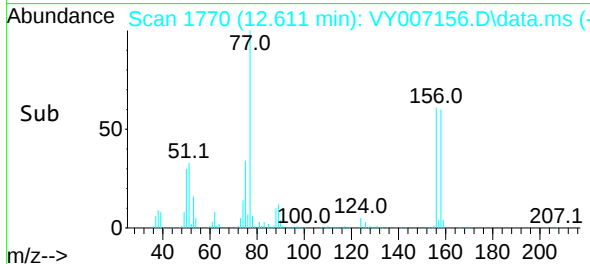
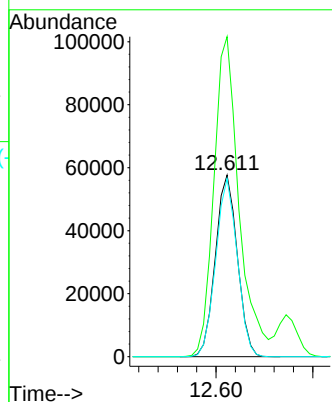
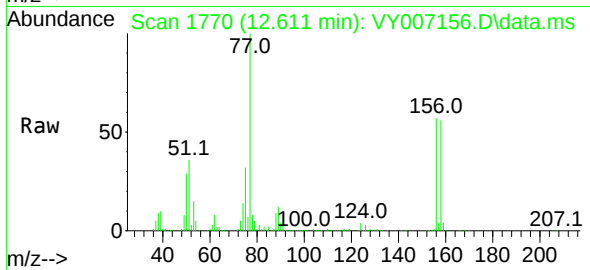
Tgt Ion:	156	Resp:	9072
Ion Ratio	Lower	Upper	
156	100		
77	200.9	98.7	296.1
158	96.1	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#78

n-propylbenzene

Concen: 50.862 ug/l

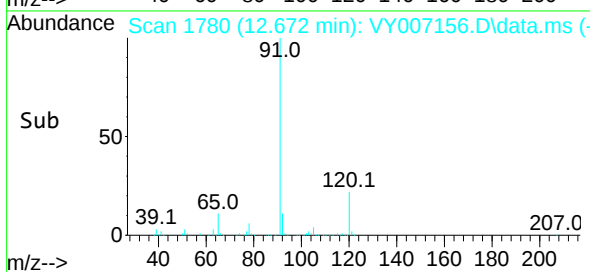
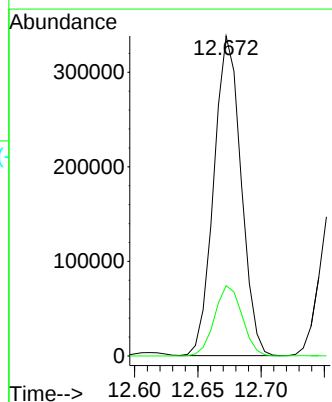
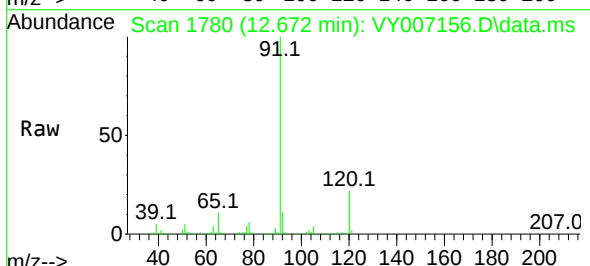
RT: 12.672 min Scan# 1780

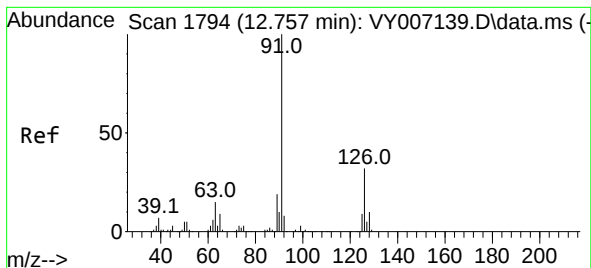
Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Tgt Ion:	91	Resp:	506393
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.2	33.5





#79

2-Chlorotoluene

Concen: 51.443 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 28477

Ion Ratio Lower Upper

91 100

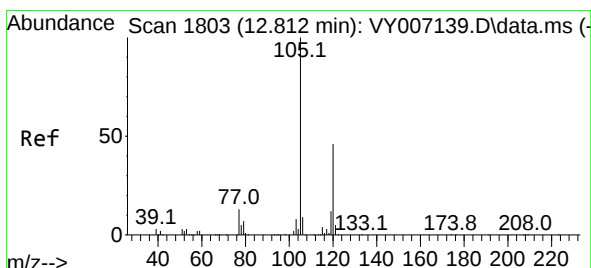
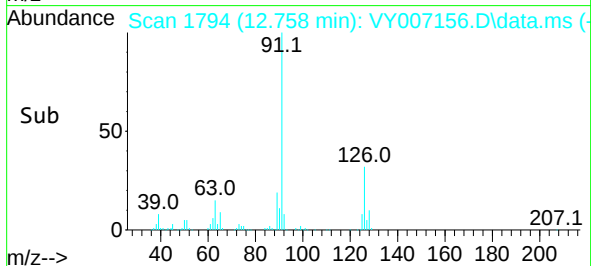
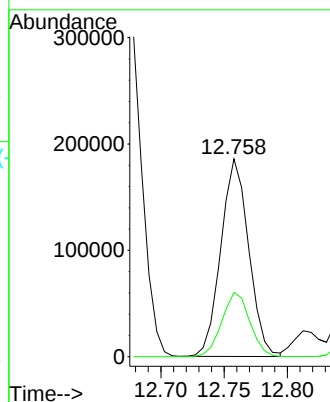
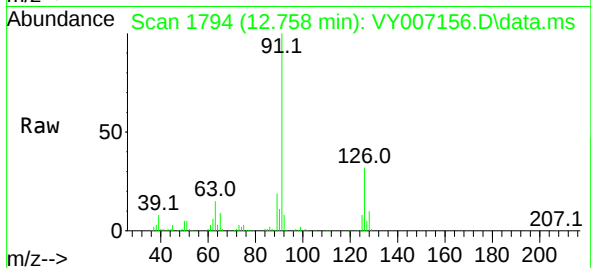
126 32.6 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#80

1,3,5-Trimethylbenzene

Concen: 50.557 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.007 min

Lab File: VY007156.D

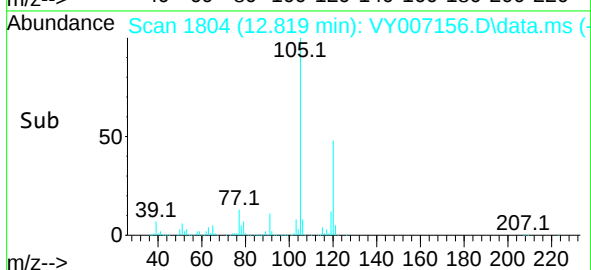
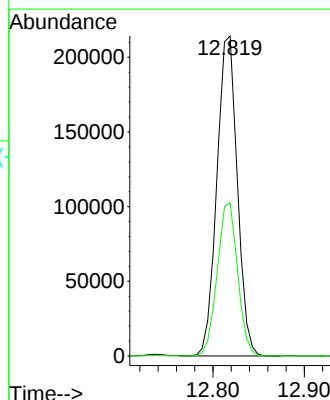
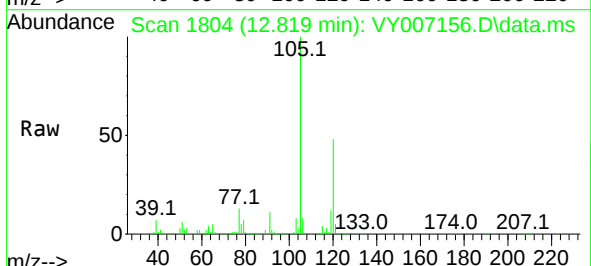
Acq: 14 Jan 2022 09:33

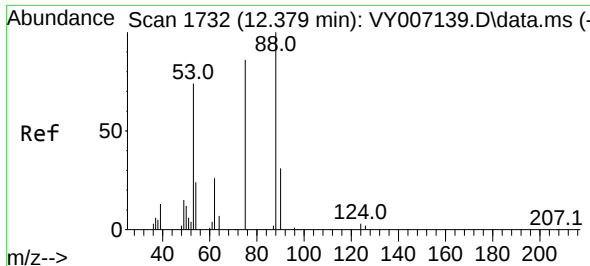
Tgt Ion:105 Resp: 333402

Ion Ratio Lower Upper

105 100

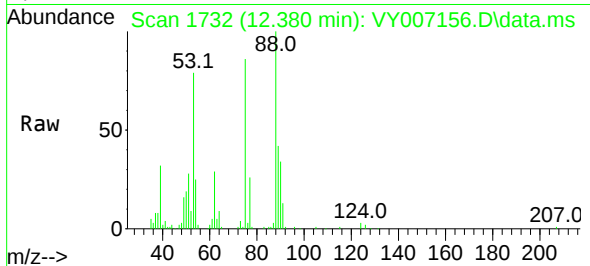
120 47.8 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 56.027 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

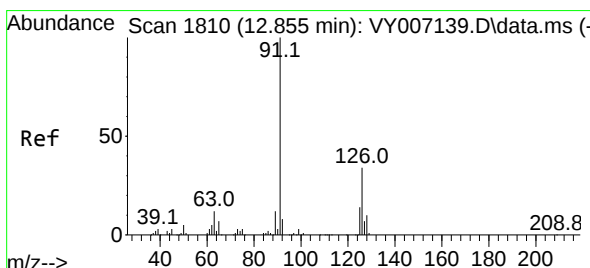
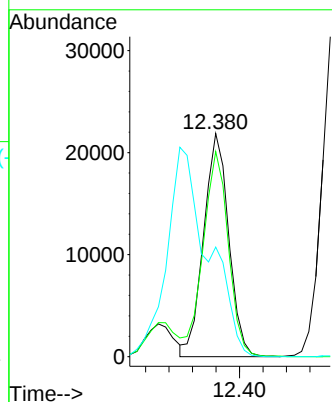
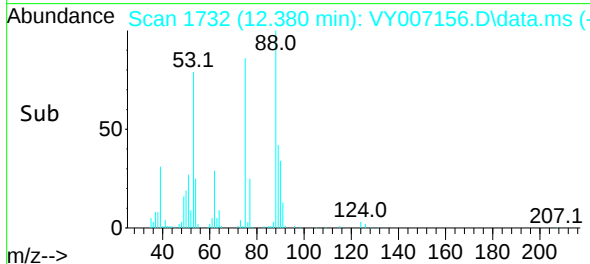
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 32450
Ion Ratio Lower Upper
75 100
53 93.0 73.9 110.9
89 0.0 0.0 0.0

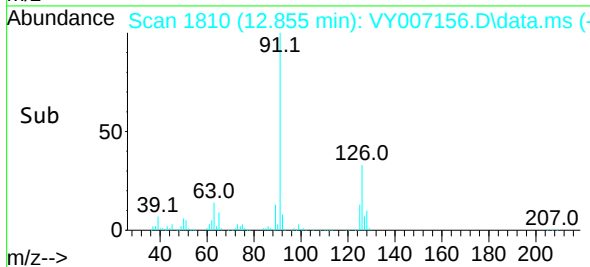
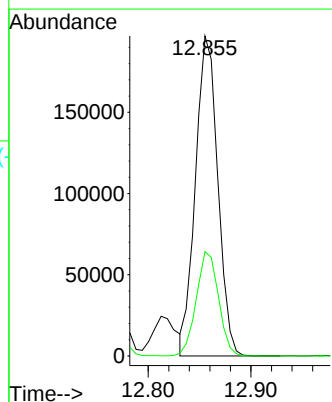
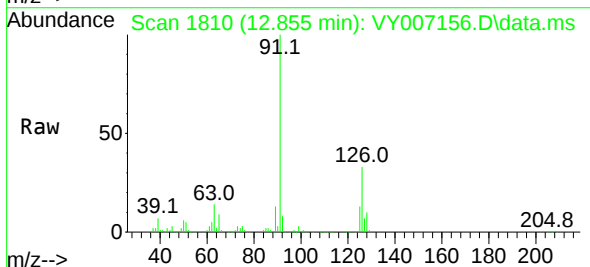
Manual Integrations
APPROVED

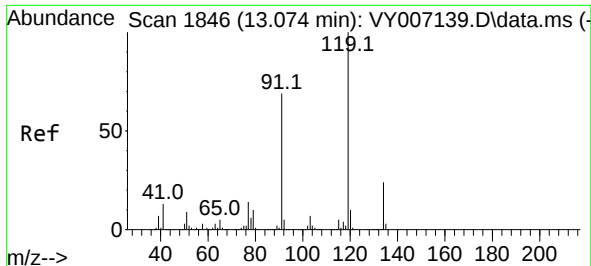
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#82
4-Chlorotoluene
Concen: 51.484 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

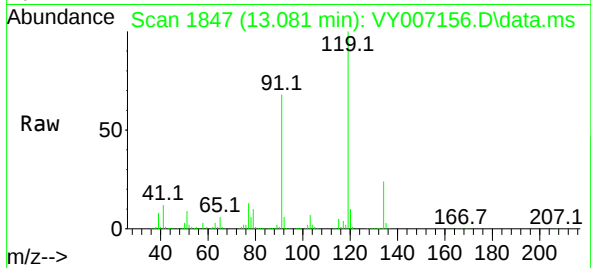
Tgt Ion: 91 Resp: 297291
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.9





#83
tert-Butylbenzene
Concen: 52.018 ug/l
RT: 13.081 min Scan# 1846
Delta R.T. 0.007 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

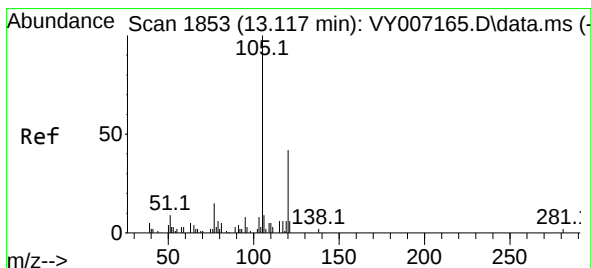
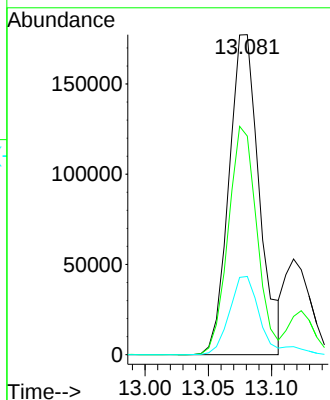
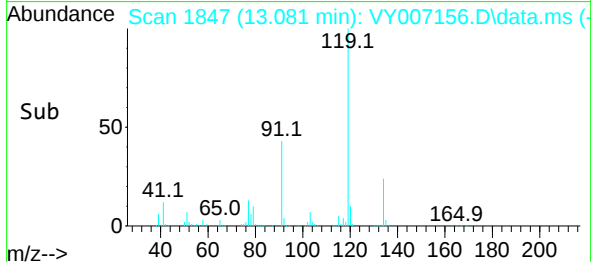
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 296407
Ion Ratio Lower Upper
119 100
91 67.4 33.1 99.5
134 25.3 12.9 38.7

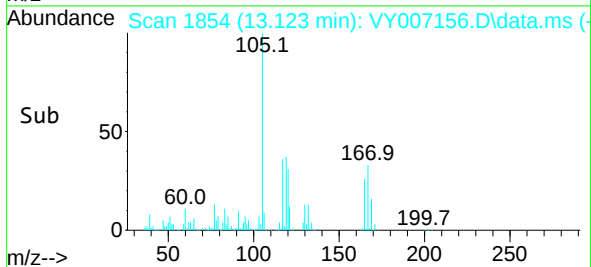
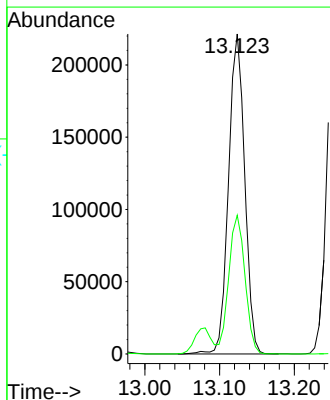
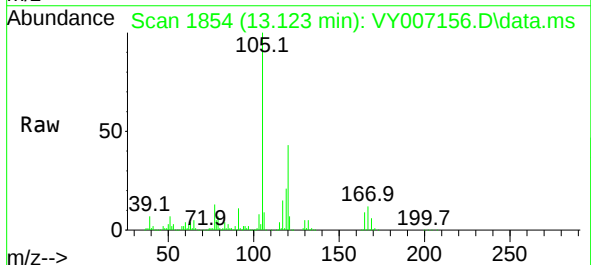
Manual Integrations
APPROVED

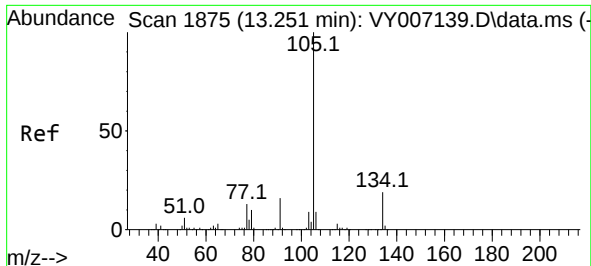
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#84
1,2,4-Trimethylbenzene
Concen: 51.020 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

Tgt Ion:105 Resp: 333495
Ion Ratio Lower Upper
105 100
120 43.9 21.6 64.6





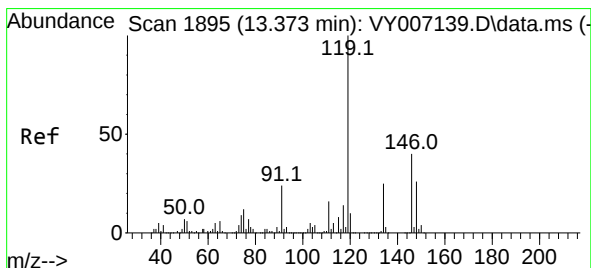
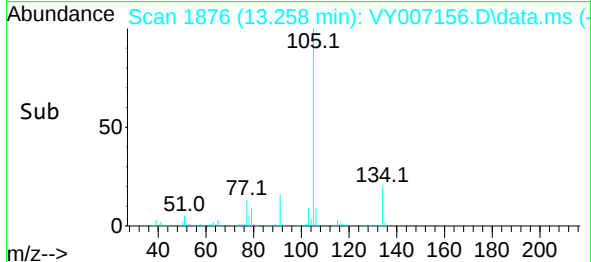
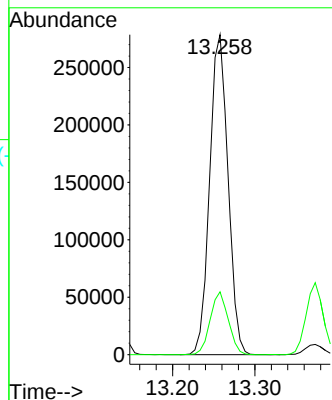
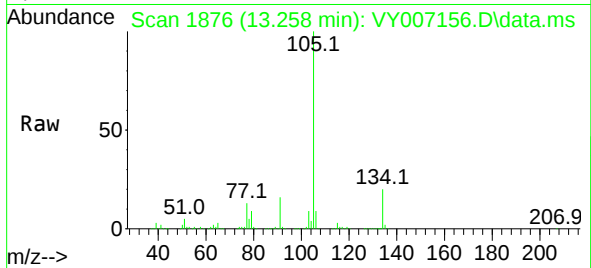
#85
 sec-Butylbenzene
 Concen: 50.632 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY007156.D
 Acq: 14 Jan 2022 09:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 43162
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.9 29.7

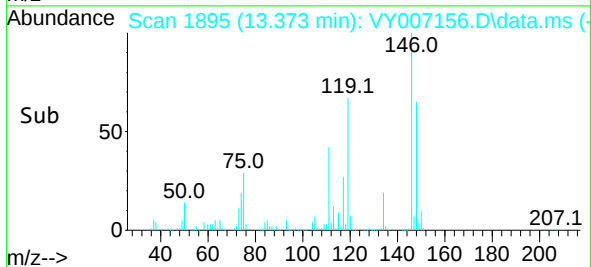
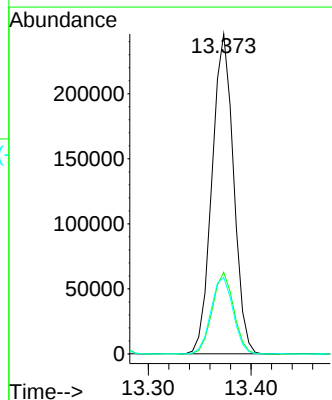
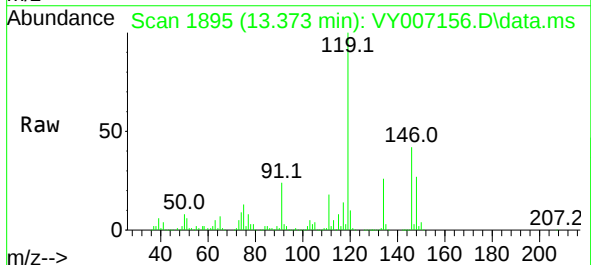
Manual Integrations
 APPROVED

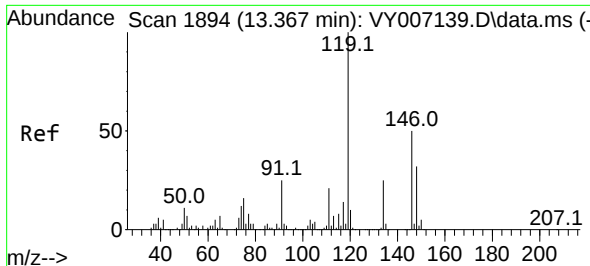
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/17/2022



#86
 p-Isopropyltoluene
 Concen: 50.975 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.001 min
 Lab File: VY007156.D
 Acq: 14 Jan 2022 09:33

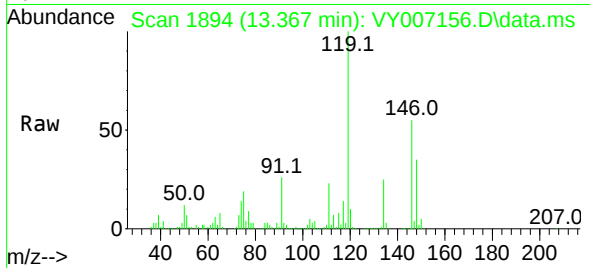
Tgt Ion:119 Resp: 357103
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.7
 91 24.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 51.464 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

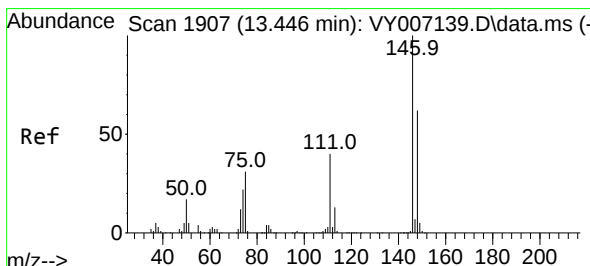
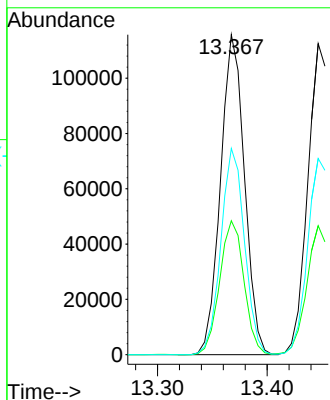
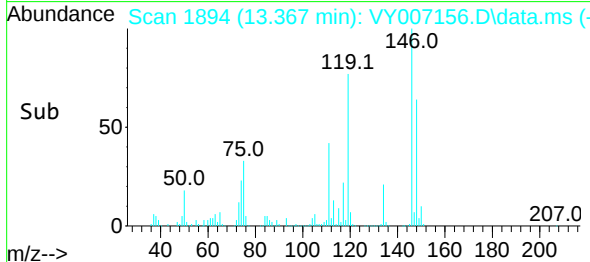
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



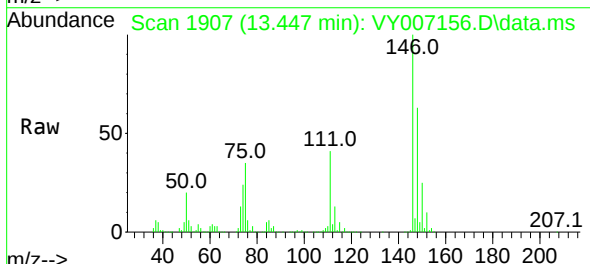
Tgt Ion:146 Resp: 176040
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.1
148 63.5 31.9 95.7

Manual Integrations
APPROVED

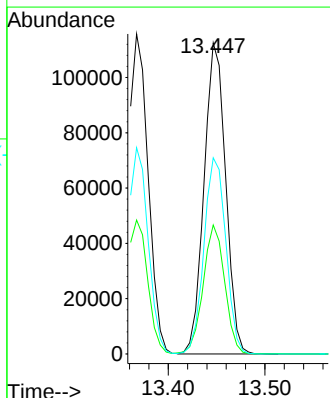
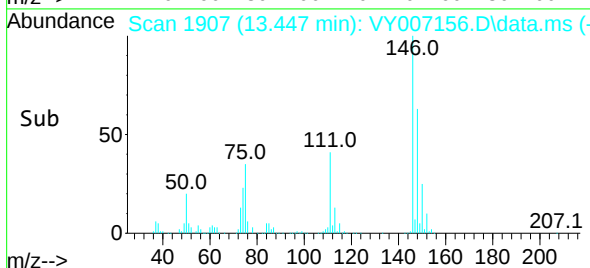
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

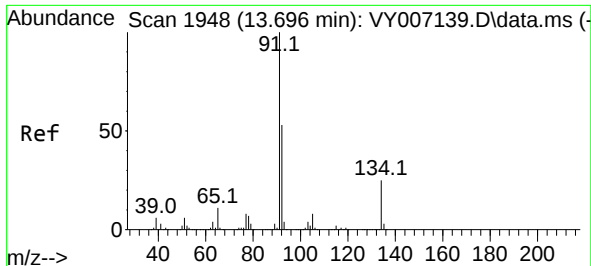


#88
1,4-Dichlorobenzene
Concen: 50.890 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



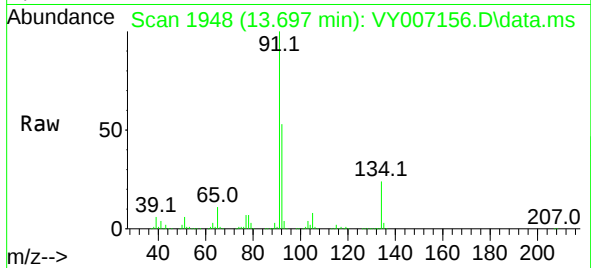
Tgt Ion:146 Resp: 175041
Ion Ratio Lower Upper
146 100
111 41.2 20.7 62.1
148 63.9 32.0 96.2





#89
n-Butylbenzene
Concen: 51.698 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

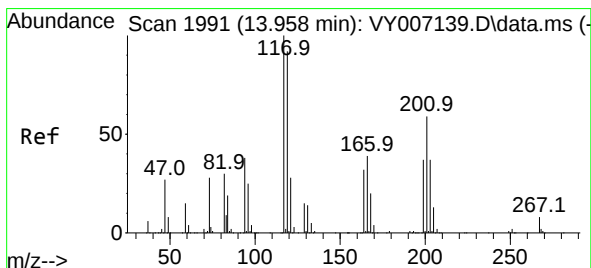
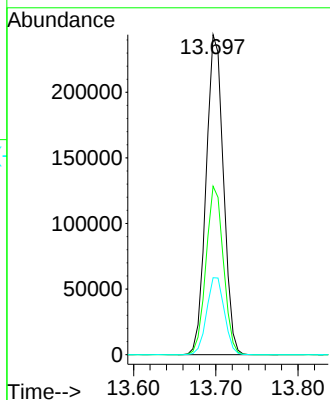
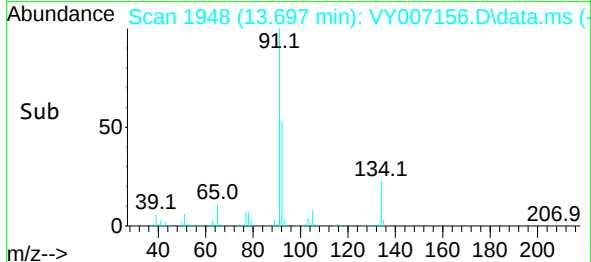
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 356600
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.6
134 24.7 12.6 37.6

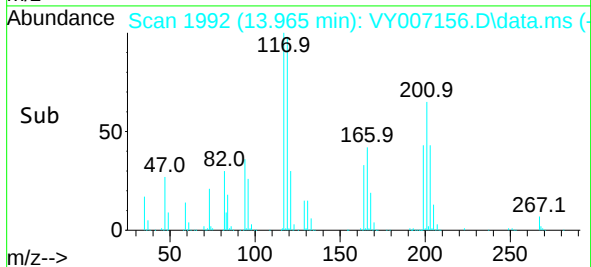
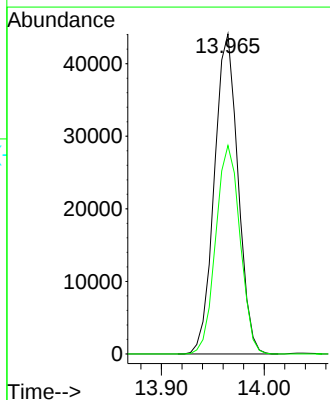
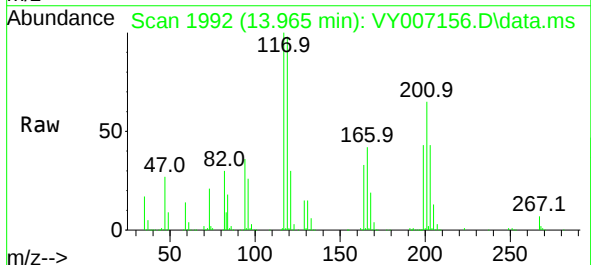
Manual Integrations
APPROVED

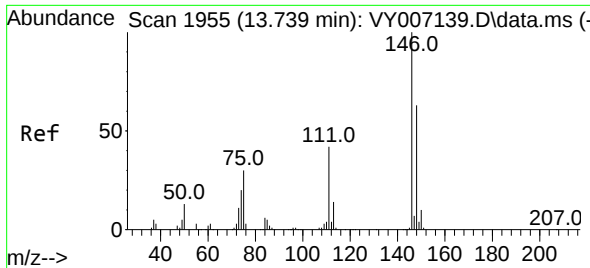
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#90
Hexachloroethane
Concen: 51.409 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.007 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

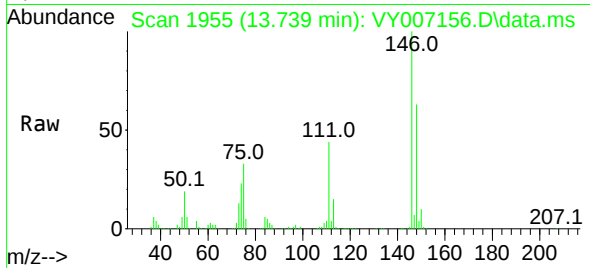
Tgt Ion:117 Resp: 70408
Ion Ratio Lower Upper
117 100
201 67.0 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 50.996 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

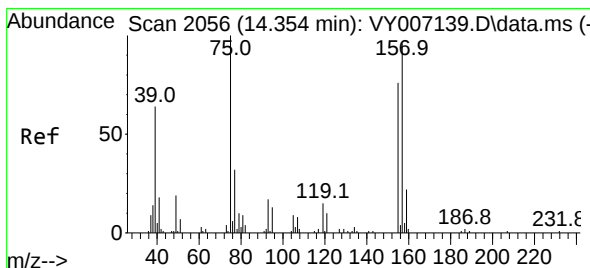
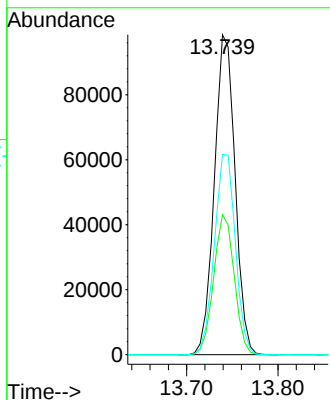
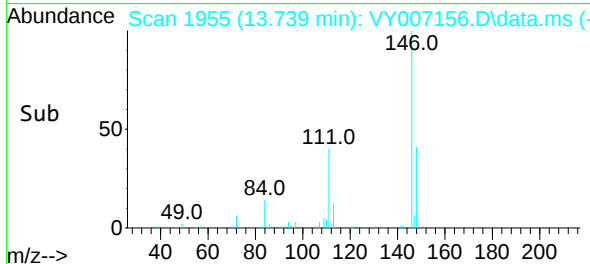
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



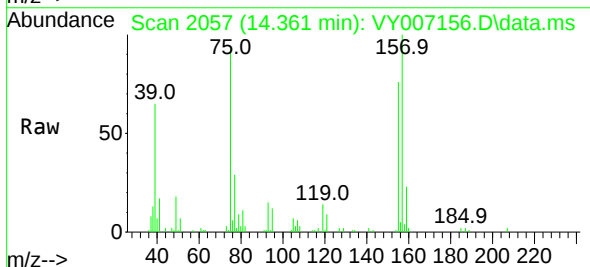
Tgt Ion:146 Resp: 155208
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.3
148 63.7 31.1 93.5

Manual Integrations
APPROVED

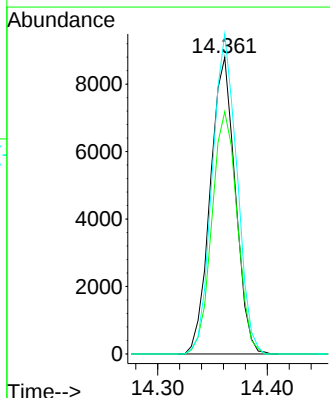
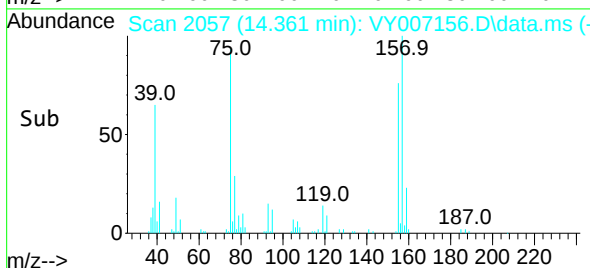
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

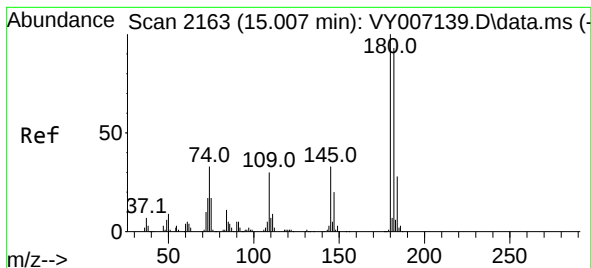


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.687 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.007 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



Tgt Ion: 75 Resp: 13942
Ion Ratio Lower Upper
75 100
155 82.3 40.1 120.2
157 106.4 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 52.537 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.001 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

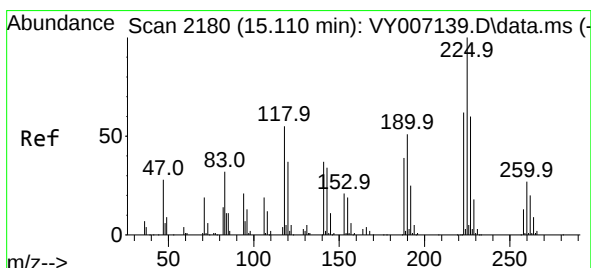
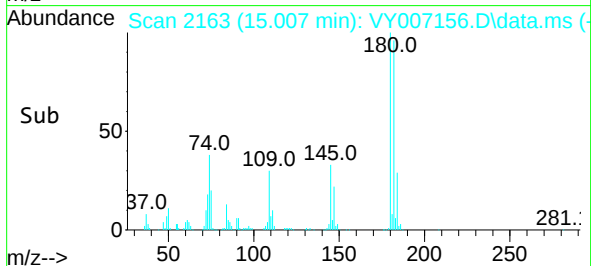
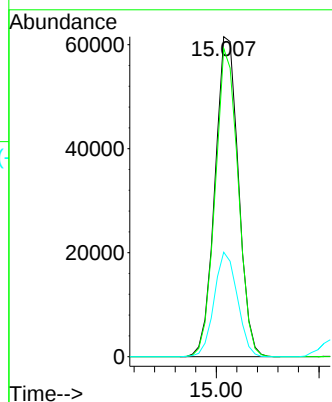
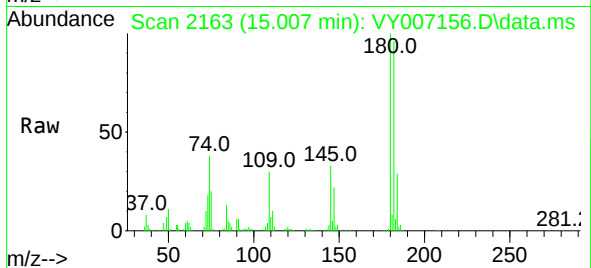
Tgt Ion:180	Resp:	9723
Ion Ratio	Lower	Upper
180	100	
182	94.4	47.6 142.8
145	32.4	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#94

Hexachlorobutadiene

Concen: 50.295 ug/l

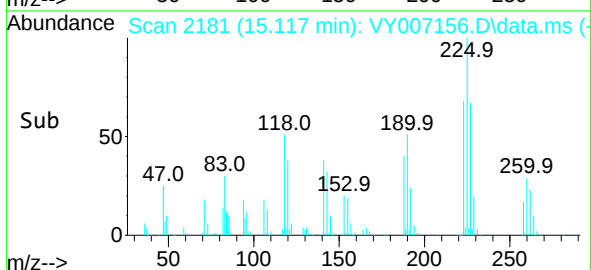
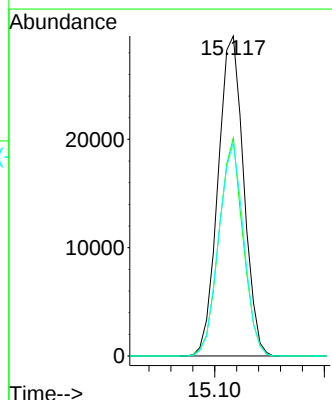
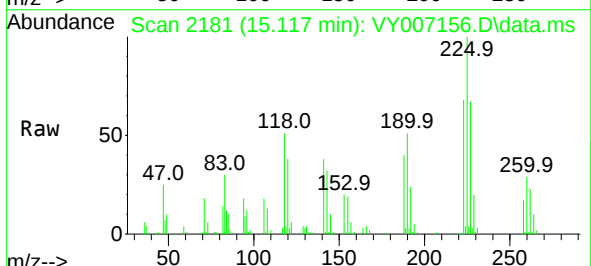
RT: 15.117 min Scan# 2181

Delta R.T. 0.007 min

Lab File: VY007156.D

Acq: 14 Jan 2022 09:33

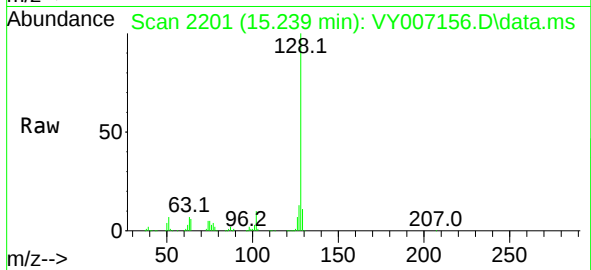
Tgt Ion:225	Resp:	47975
Ion Ratio	Lower	Upper
225	100	
223	64.0	32.6 97.8
227	64.7	32.0 96.2





#95
Naphthalene
Concen: 54.213 ug/l
RT: 15.239 min Scan# 2111
Delta R.T. 0.001 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33

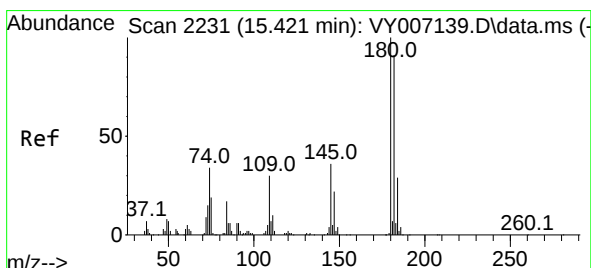
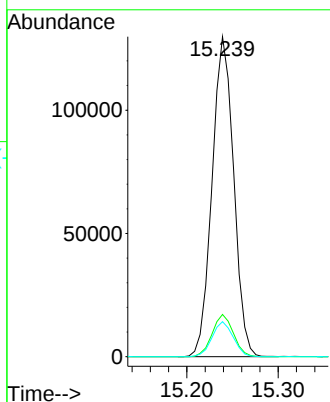
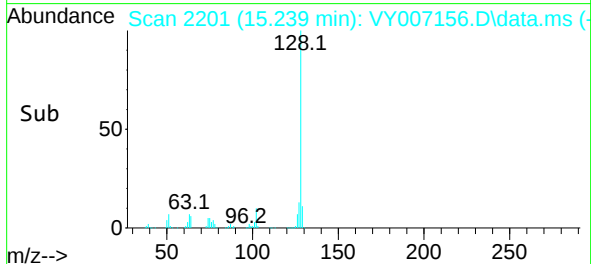
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



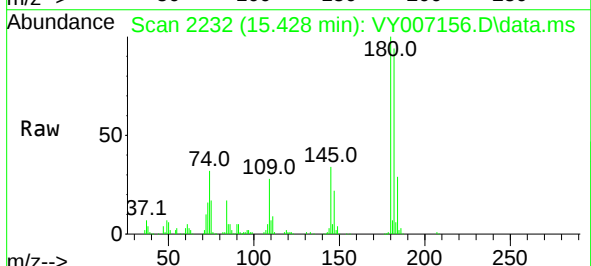
Tgt Ion:128 Resp: 21311
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.683 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.007 min
Lab File: VY007156.D
Acq: 14 Jan 2022 09:33



Tgt Ion:180 Resp: 83188
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 34.9 17.2 51.5

