

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011422\
 Data File : VY007176.D
 Acq On : 14 Jan 2022 19:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 17 05:00:41 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	133700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	227940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	96164	58.618	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.240%			
35) Dibromofluoromethane	7.716	113	86509	56.127	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.260%			
50) Toluene-d8	10.179	98	307421	54.587	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.180%			
62) 4-Bromofluorobenzene	12.483	95	110584	55.200	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	41668	88.881	ug/l	99
3) Chloromethane	2.113	50	48918	49.758	ug/l	98
4) Vinyl Chloride	2.260	62	77685	54.292	ug/l	97
5) Bromomethane	2.656	94	52842	57.033	ug/l	99
6) Chloroethane	2.796	64	48570	54.404	ug/l	100
7) Trichlorofluoromethane	3.125	101	76318	49.491	ug/l	98
8) Diethyl Ether	3.521	74	49741	58.576	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	80886	53.837	ug/l	99
10) Methyl Iodide	4.082	142	118262	53.219	ug/l	99
11) Tert butyl alcohol	4.942	59	48455	348.294	ug/l	99
12) 1,1-Dichloroethene	3.869	96	80391	53.137	ug/l	98
13) Acrolein	3.723	56	8215	244.049	ug/l	98
14) Allyl chloride	4.473	41	130839	53.936	ug/l	97
15) Acrylonitrile	5.155	53	133307	326.644	ug/l	98
16) Acetone	3.942	43	127020	298.341	ug/l	99
17) Carbon Disulfide	4.192	76	213403	50.793	ug/l	99
18) Methyl Acetate	4.473	43	94696	62.509	ug/l	97
19) Methyl tert-butyl Ether	5.210	73	165801	55.667	ug/l	100
20) Methylene Chloride	4.710	84	93723	53.236	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	88430	53.915	ug/l	97
22) Diisopropyl ether	6.112	45	261624	53.236	ug/l	98
23) Vinyl Acetate	6.058	43	853280	295.239	ug/l	99
24) 1,1-Dichloroethane	6.015	63	161807	54.125	ug/l	99
25) 2-Butanone	6.978	43	183756	333.823	ug/l	99
26) 2,2-Dichloropropane	6.978	77	104550	47.987	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	101583	54.598	ug/l	99
28) Bromochloromethane	7.332	49	67849	62.743	ug/l	97
29) Tetrahydrofuran	7.338	42	120894	341.655	ug/l	99
30) Chloroform	7.502	83	172181	55.432	ug/l	98
31) Cyclohexane	7.783	56	137108	49.435	ug/l	99
32) 1,1,1-Trichloroethane	7.698	97	140156	52.790	ug/l	98
36) 1,1-Dichloropropene	7.911	75	126458	51.371	ug/l	99
37) Ethyl Acetate	7.070	43	80625	63.821	ug/l	98
38) Carbon Tetrachloride	7.899	117	136377	52.670	ug/l	96
39) Methylcyclohexane	9.179	83	154633	51.449	ug/l	99
40) Benzene	8.155	78	350469	53.373	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	47798m	65.702	ug/l	
42) 1,2-Dichloroethane	8.234	62	119043	57.571	ug/l	99
43) Isopropyl Acetate	8.271	43	158436	64.454	ug/l	96
44) Trichloroethene	8.935	130	95653	53.832	ug/l	97
45) 1,2-Dichloropropane	9.216	63	89873	53.822	ug/l	95
46) Dibromomethane	9.301	93	56081	56.794	ug/l	97
47) Bromodichloromethane	9.496	83	135453	55.800	ug/l	100
48) Methyl methacrylate	9.289	41	68766	61.504	ug/l	96
49) 1,4-Dioxane	9.301	88	13427m	1261.127	ug/l	
51) 4-Methyl-2-Pentanone	10.069	43	414096	332.237	ug/l	97
52) Toluene	10.240	92	221206	53.146	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	144385	56.345	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	157191	54.801	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	76806	57.345	ug/l	98
56) Ethyl methacrylate	10.508	69	115452	61.186	ug/l	95
57) 1,3-Dichloropropane	10.788	76	134679	57.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	229940	267.994	ug/l	99
59) 2-Hexanone	10.831	43	281968	333.345	ug/l	98
60) Dibromochloromethane	10.984	129	94567	57.435	ug/l	99
61) 1,2-Dibromoethane	11.087	107	77026	58.538	ug/l	100
64) Tetrachloroethene	10.715	164	86649	58.729	ug/l	98
65) Chlorobenzene	11.514	112	237406	53.043	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	90392	54.482	ug/l	100
67) Ethyl Benzene	11.593	91	437256	51.979	ug/l	99
68) m/p-Xylenes	11.703	106	325998	104.283	ug/l	99
69) o-Xylene	12.026	106	156503	53.162	ug/l	99
70) Styrene	12.044	104	264732	53.306	ug/l	99
71) Bromoform	12.209	173	56740	59.124	ug/l #	99
73) Isopropylbenzene	12.331	105	408622	52.288	ug/l	100
74) N-amyl acetate	12.142	43	138308	66.184	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	92912	61.141	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	70416m	68.252	ug/l	
77) Bromobenzene	12.605	156	92019	54.115	ug/l	96
78) n-propylbenzene	12.672	91	496538	51.255	ug/l	99
79) 2-Chlorotoluene	12.758	91	284140	52.753	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	340216	53.021	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	34244	60.764	ug/l #	93
82) 4-Chlorotoluene	12.855	91	299130	53.239	ug/l	100
83) tert-Butylbenzene	13.075	119	290364	52.370	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	341424	53.681	ug/l	100
85) sec-Butylbenzene	13.251	105	423707	51.081	ug/l	100
86) p-Isopropyltoluene	13.367	119	350882	51.476	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	179641	53.973	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	176151	52.632	ug/l	100
89) n-Butylbenzene	13.696	91	344297	51.298	ug/l	99
90) Hexachloroethane	13.959	117	70442	52.860	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	160054	54.046	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17217	65.599	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	96670	53.679	ug/l	98
94) Hexachlorobutadiene	15.111	225	45233	48.735	ug/l	97
95) Naphthalene	15.233	128	241862	63.233	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	86908	56.566	ug/l	98

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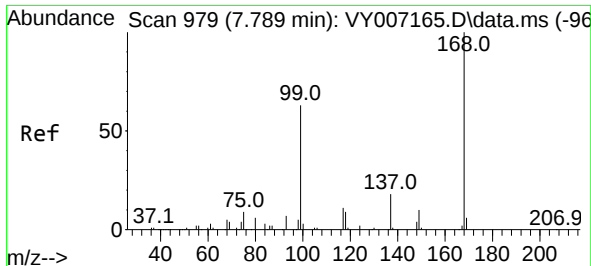
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

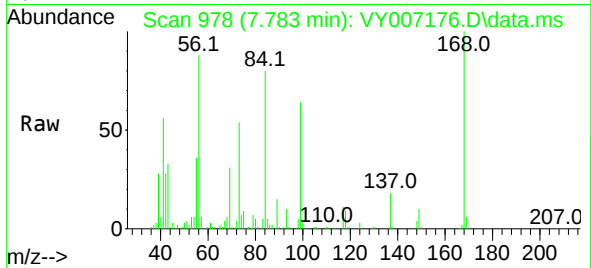
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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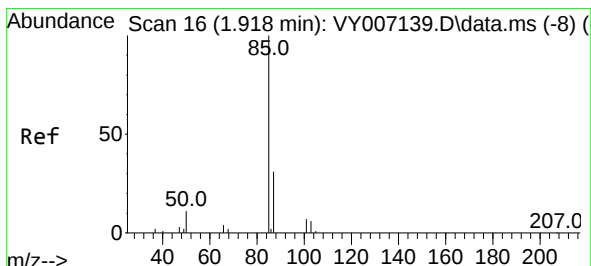
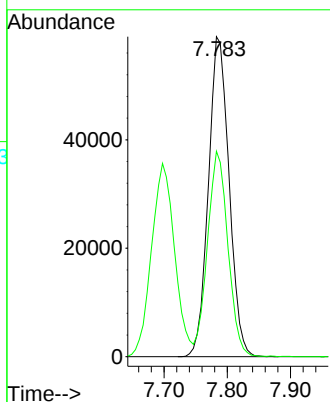
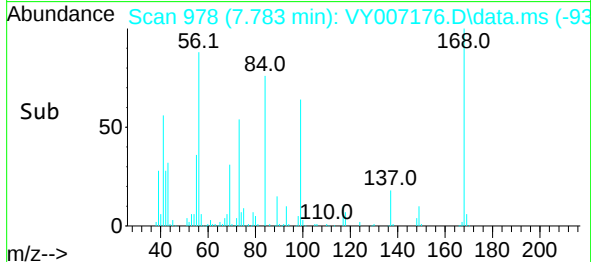
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 133700
Ion Ratio Lower Upper
168 100
99 64.2 49.1 73.7

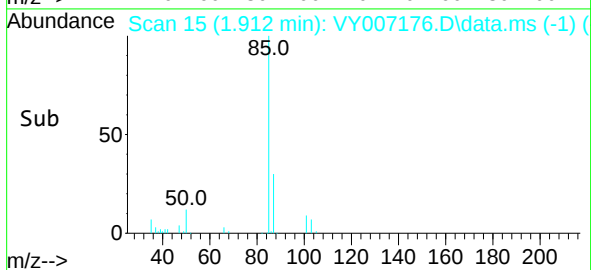
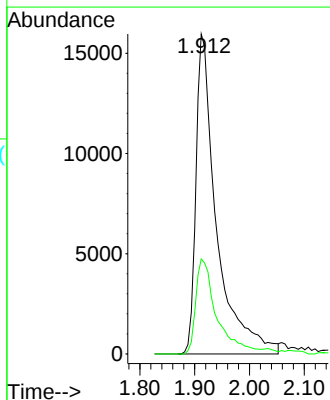
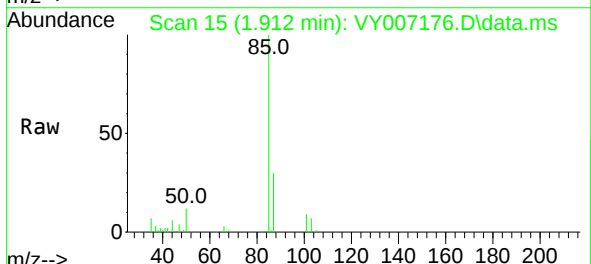
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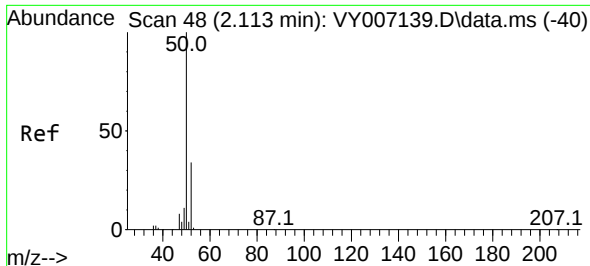
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#2
Dichlorodifluoromethane
Concen: 88.881 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

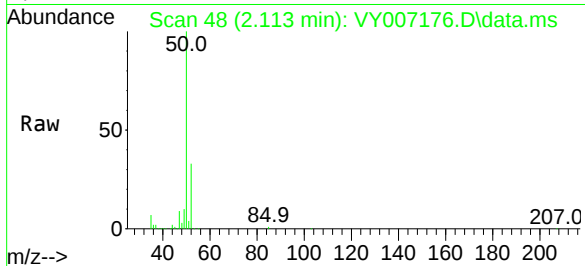
Tgt Ion: 85 Resp: 41668
Ion Ratio Lower Upper
85 100
87 29.7 15.2 45.6





#3
Chloromethane
Concen: 49.758 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

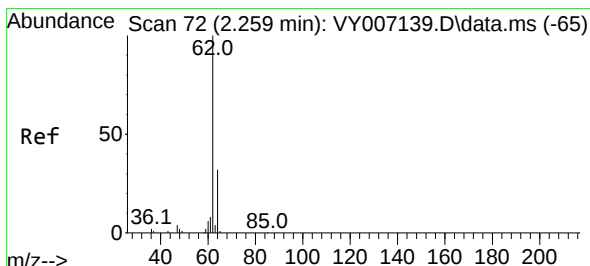
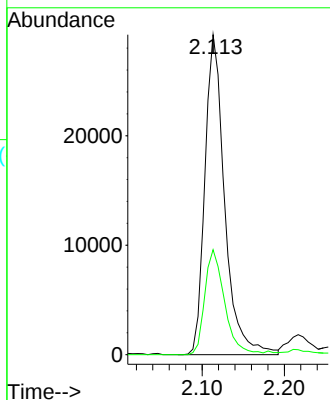
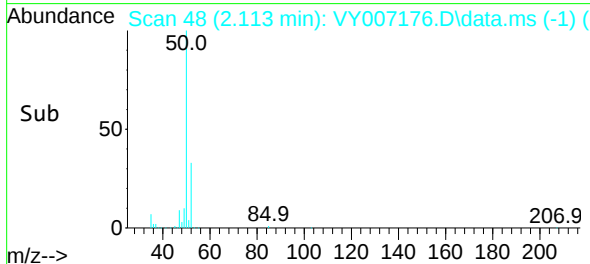
Instrument :
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Tgt Ion: 50 Resp: 48918
Ion Ratio Lower Upper
50 100
52 32.8 27.1 40.7

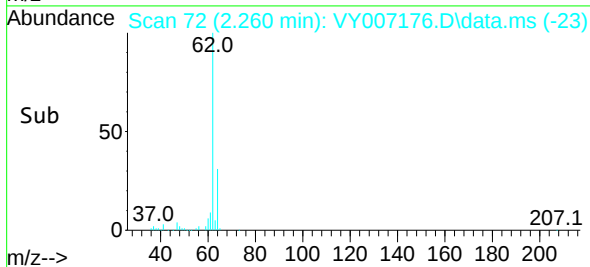
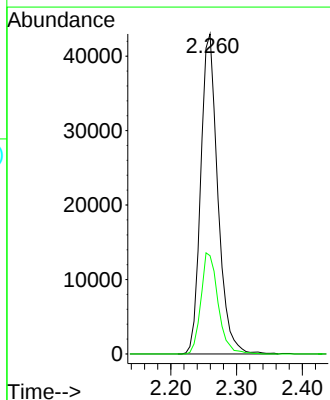
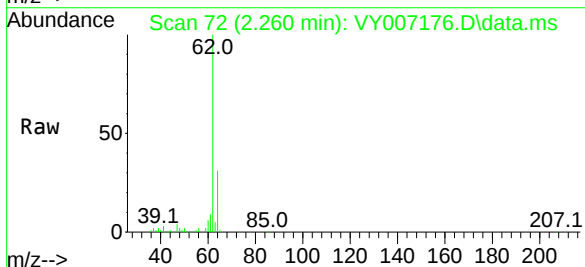
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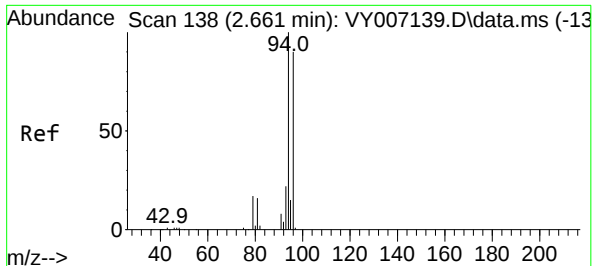
Reviewed By :John Carlone 01/17/2022
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#4
Vinyl Chloride
Concen: 54.292 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

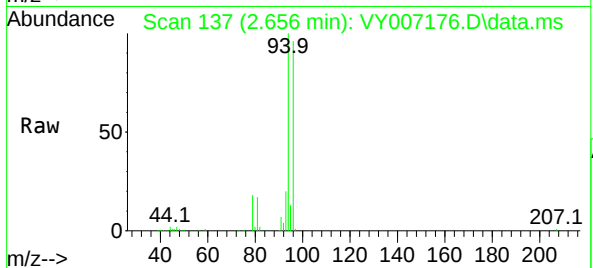
Tgt Ion: 62 Resp: 77685
Ion Ratio Lower Upper
62 100
64 30.7 26.1 39.1





#5
Bromomethane
Concen: 57.033 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

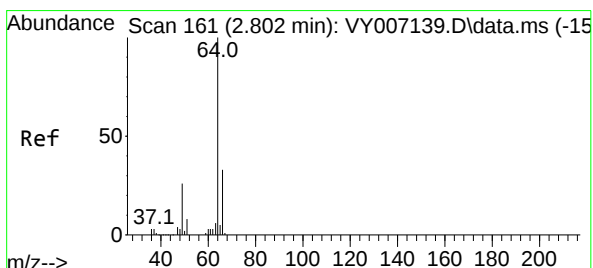
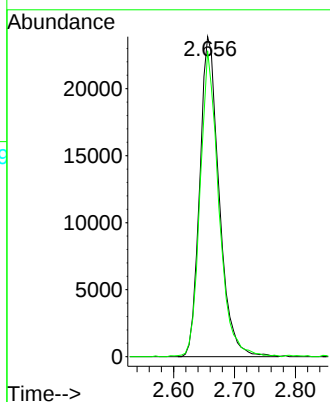
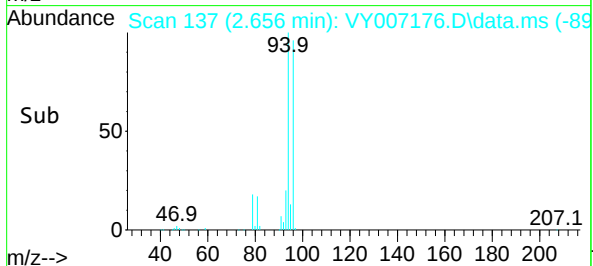
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Tgt Ion: 94 Resp: 5284
Ion Ratio Lower Upper
94 100
96 95.3 75.8 113.6

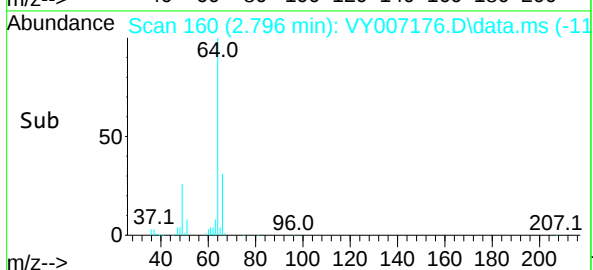
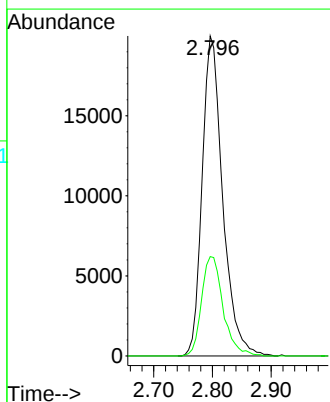
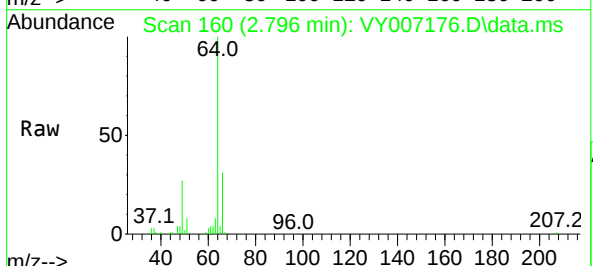
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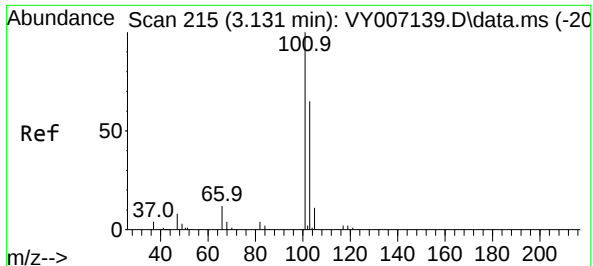
Reviewed By :John Carlone 01/17/2022
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#6
Chloroethane
Concen: 54.404 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY007176.D
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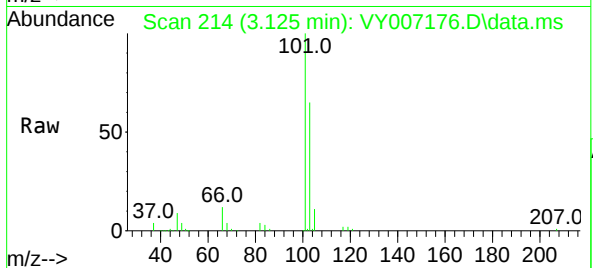
Tgt Ion: 64 Resp: 48570
Ion Ratio Lower Upper
64 100
66 31.1 24.8 37.2





#7
Trichlorofluoromethane
Concen: 49.491 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

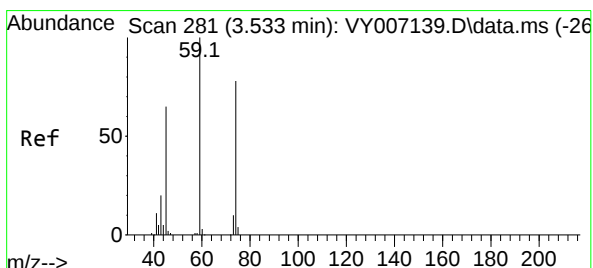
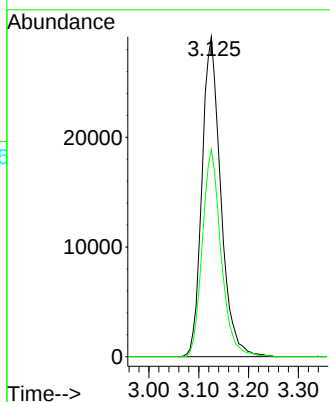
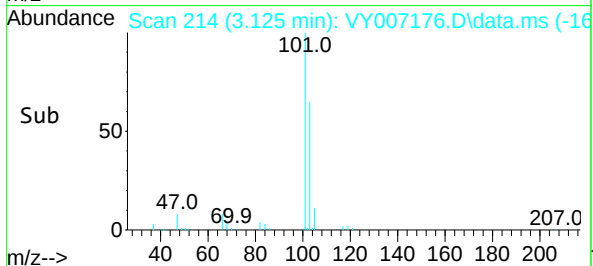
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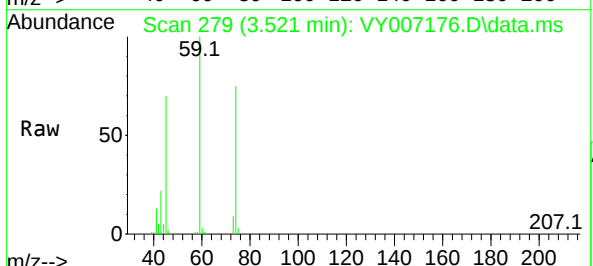
Tgt Ion:101 Resp: 76318
Ion Ratio Lower Upper
101 100
103 64.8 50.6 76.0

Manual Integrations
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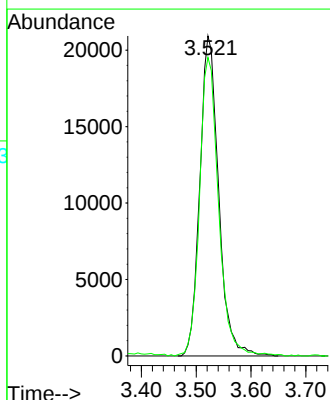
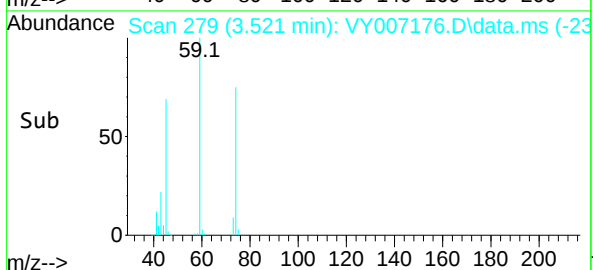
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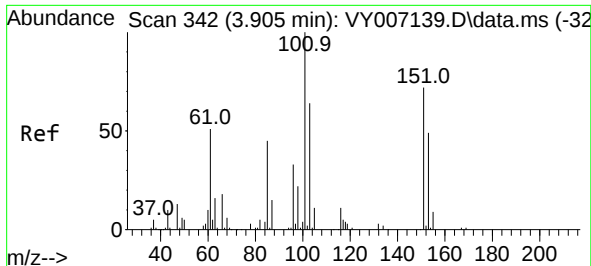


#8
Diethyl Ether
Concen: 58.576 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY007176.D
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Tgt Ion: 74 Resp: 49741
Ion Ratio Lower Upper
74 100
45 94.9 46.1 138.3





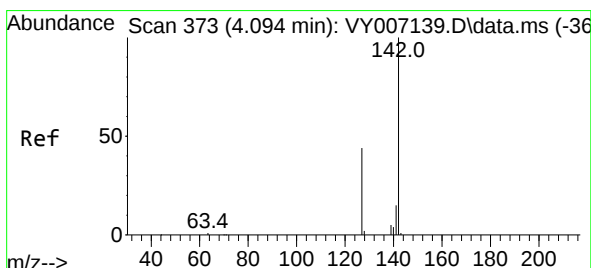
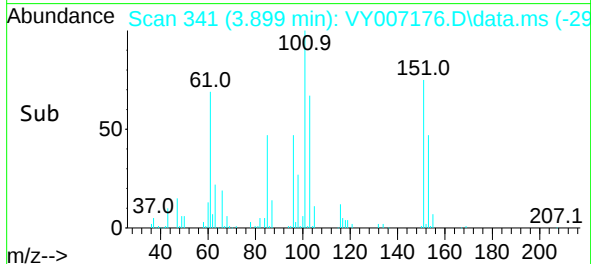
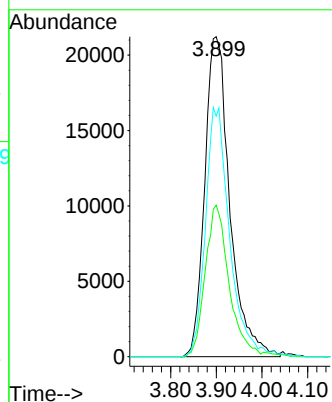
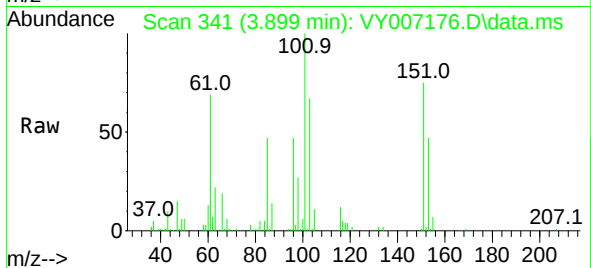
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.837 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 80880
Ion Ratio Lower Upper
101 100
85 44.8 35.4 53.0
151 75.2 60.4 90.6

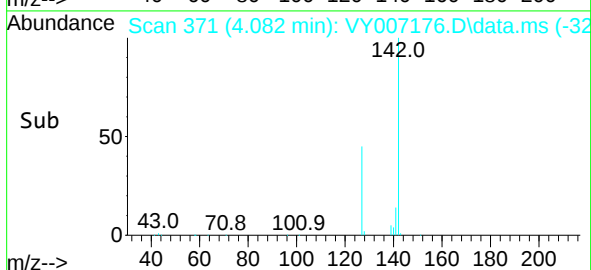
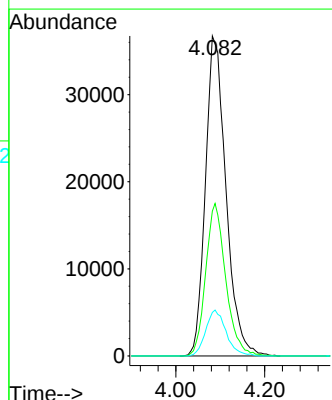
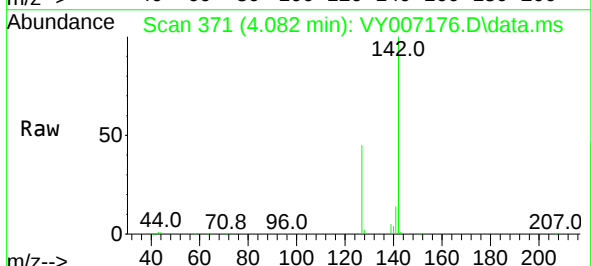
Manual Integrations
APPROVED

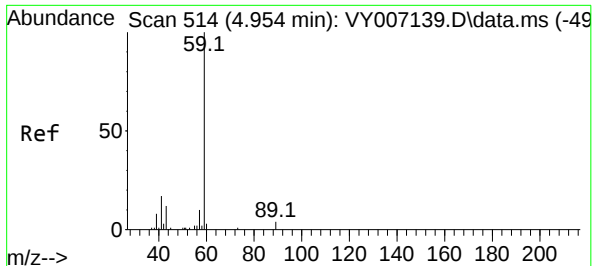
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#10
Methyl Iodide
Concen: 53.219 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

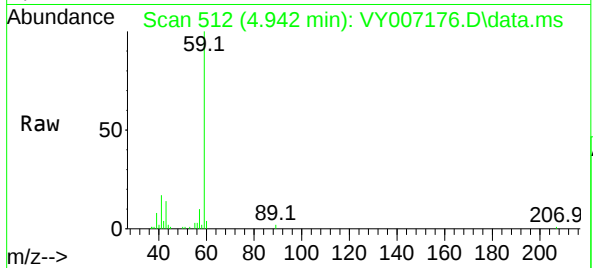
Tgt Ion:142 Resp: 118262
Ion Ratio Lower Upper
142 100
127 46.5 36.2 54.4
141 14.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 348.294 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

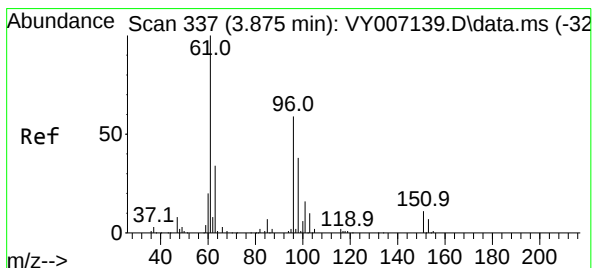
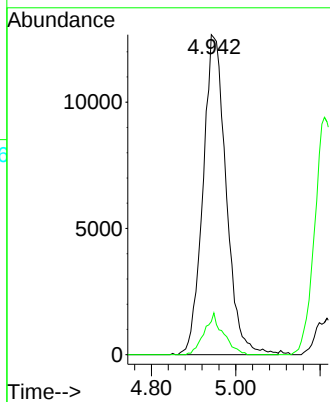
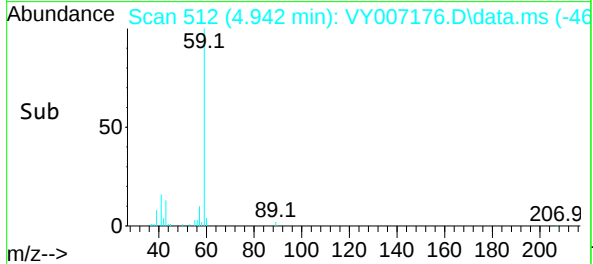
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 4845
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

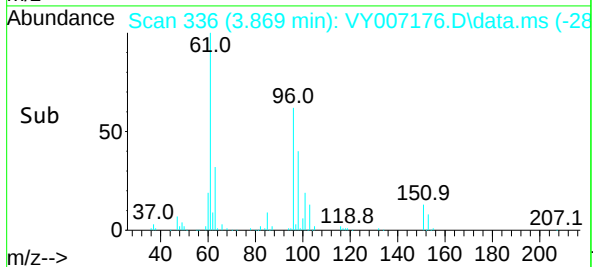
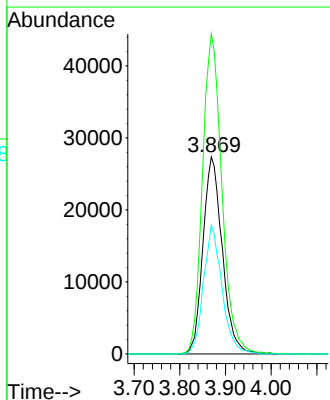
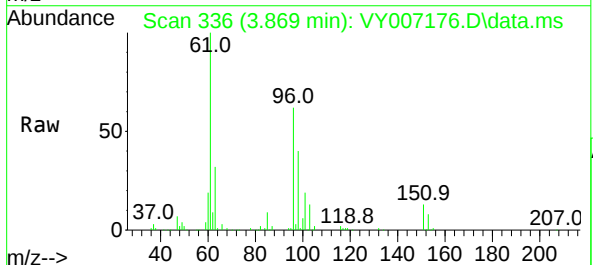
Manual Integrations
APPROVED

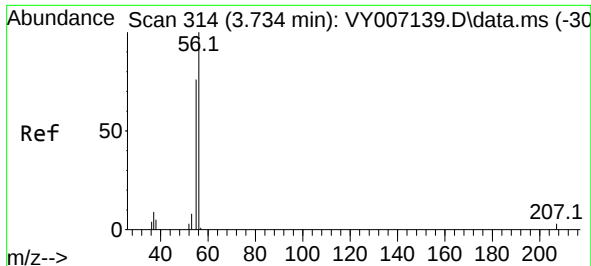
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#12
1,1-Dichloroethene
Concen: 53.137 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

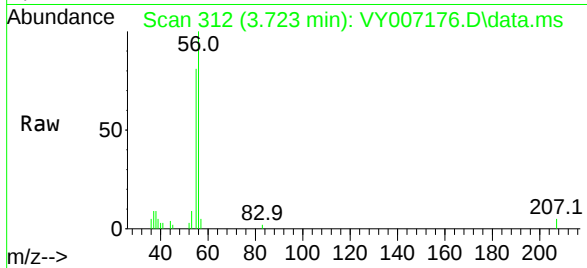
Tgt Ion: 96 Resp: 80391
Ion Ratio Lower Upper
96 100
61 162.3 131.9 197.9
98 65.3 52.7 79.1





#13
Acrolein
Concen: 244.049 ug/l
RT: 3.723 min Scan# 314
Delta R.T. -0.011 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

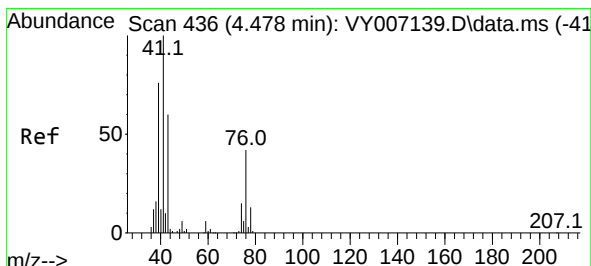
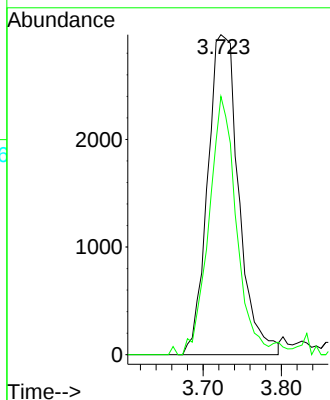
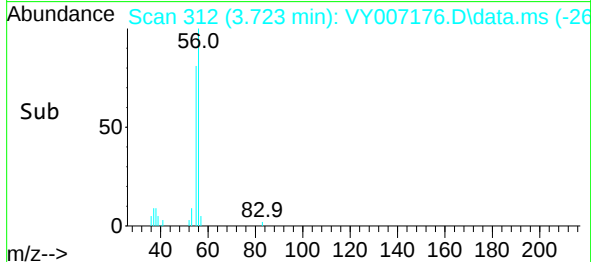
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



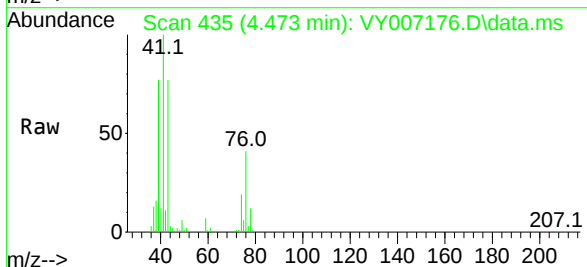
Tgt Ion: 56 Resp: 821
Ion Ratio Lower Upper
56 100
55 70.9 55.7 83.5

Manual Integrations
APPROVED

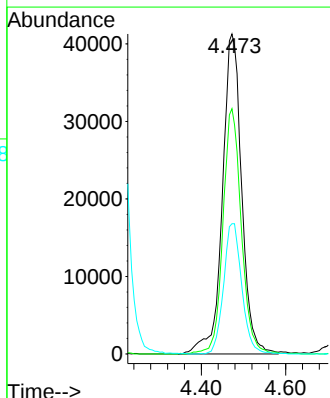
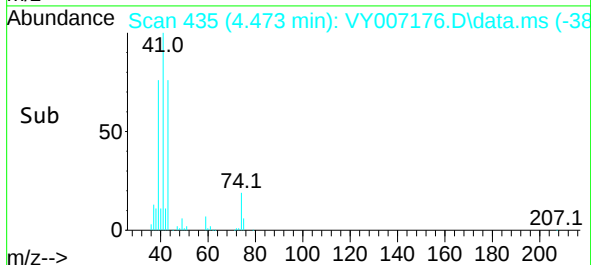
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

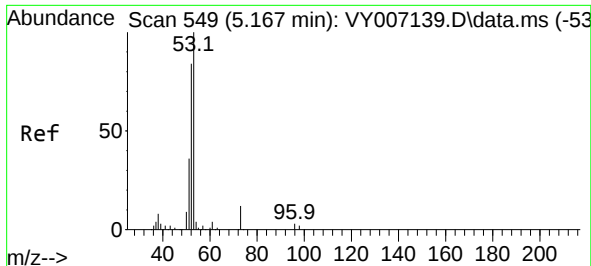


#14
Allyl chloride
Concen: 53.936 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10



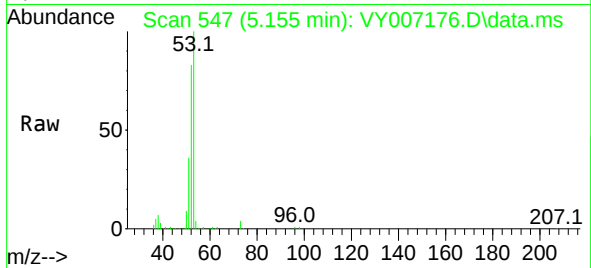
Tgt Ion: 41 Resp: 130839
Ion Ratio Lower Upper
41 100
39 72.9 56.1 84.1
76 38.5 31.4 47.2





#15
Acrylonitrile
Concen: 326.644 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

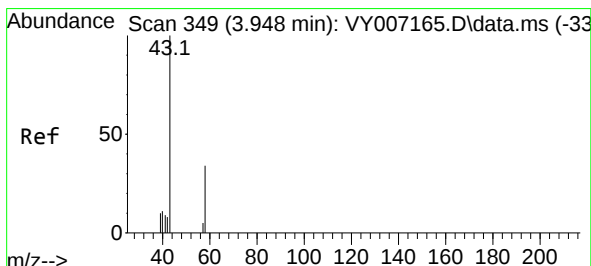
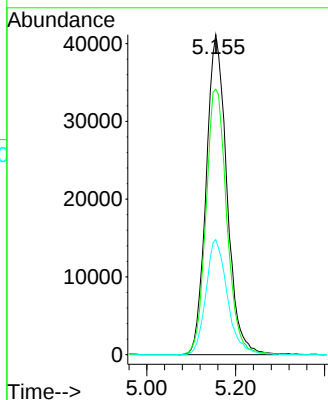
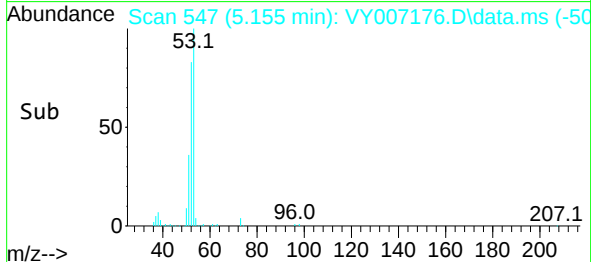
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 13330
Ion Ratio Lower Upper
53 100
52 83.6 65.4 98.2
51 37.3 29.4 44.2

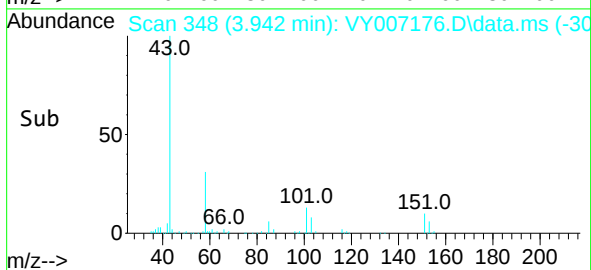
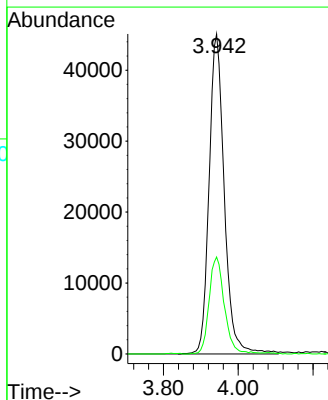
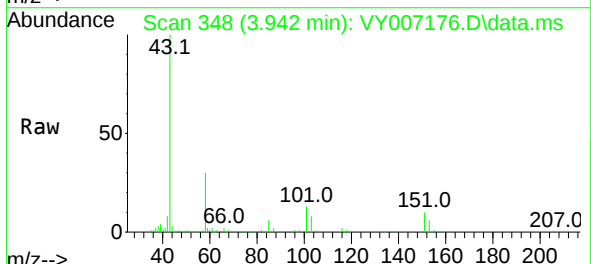
Manual Integrations
APPROVED

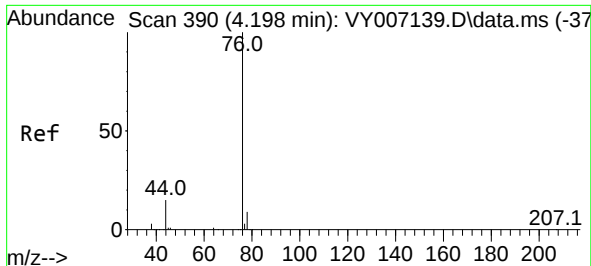
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#16
Acetone
Concen: 298.341 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

Tgt Ion: 43 Resp: 127020
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.6





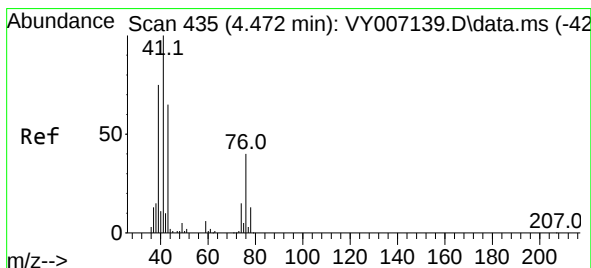
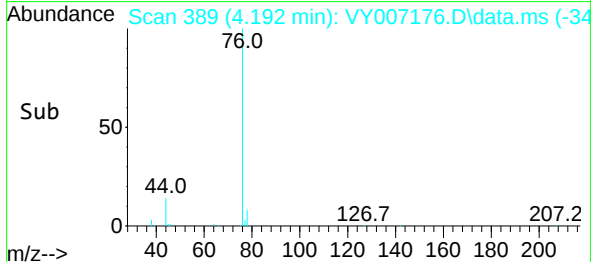
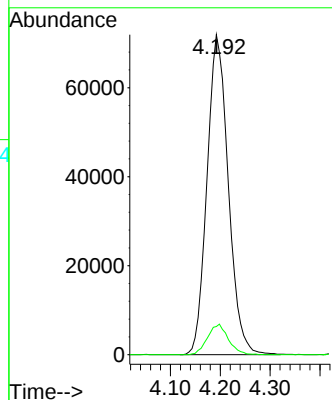
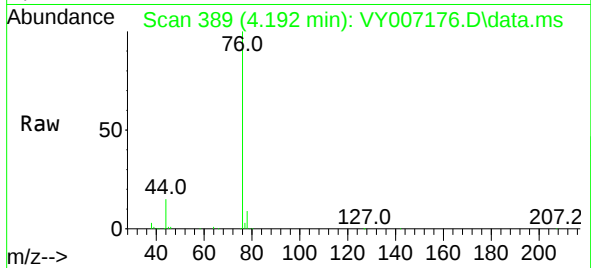
#17
Carbon Disulfide
Concen: 50.793 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 21340
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

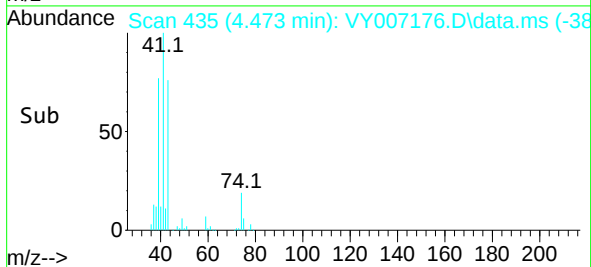
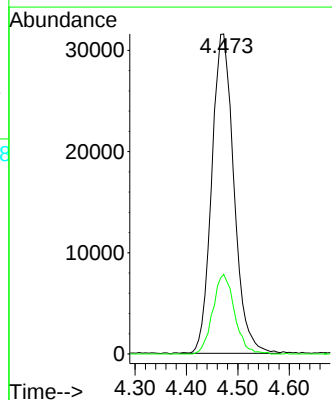
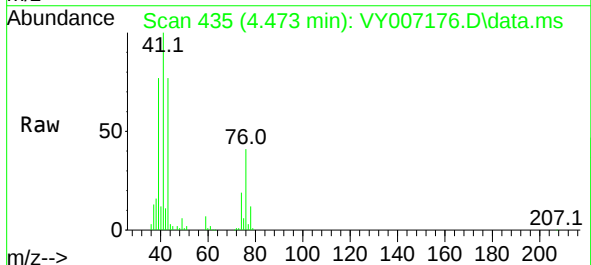
Manual Integrations
APPROVED

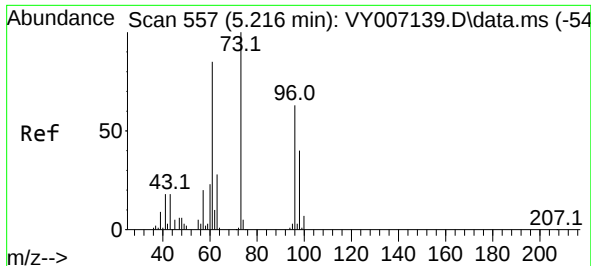
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#18
Methyl Acetate
Concen: 62.509 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

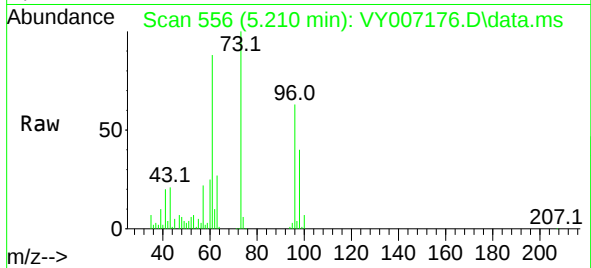
Tgt Ion: 43 Resp: 94696
Ion Ratio Lower Upper
43 100
74 24.4 20.9 31.3





#19
Methyl tert-butyl Ether
Concen: 55.667 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

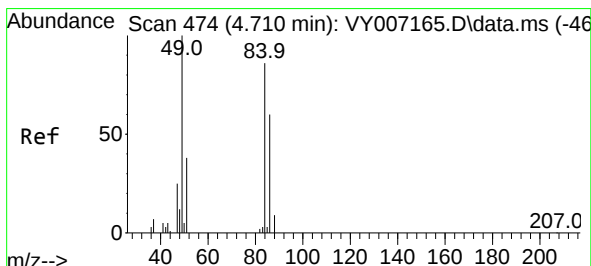
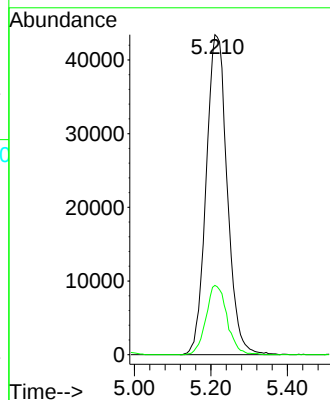
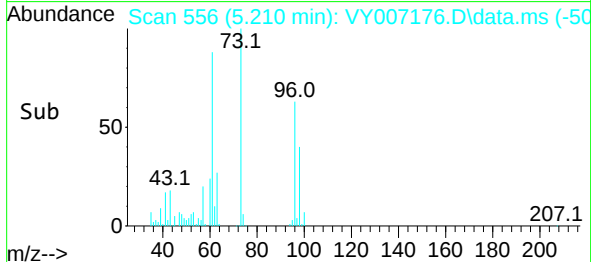
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 16580
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2

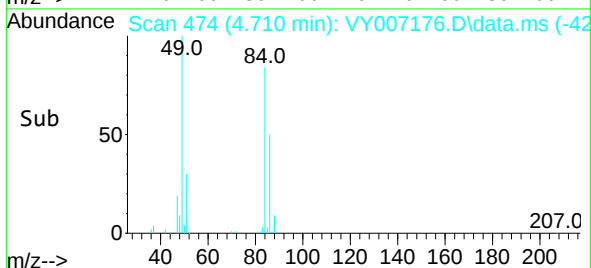
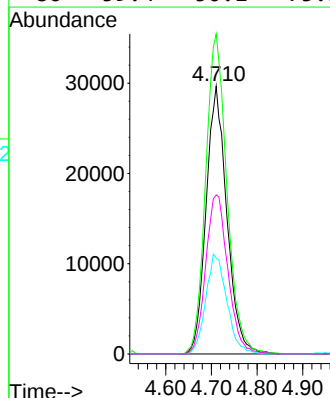
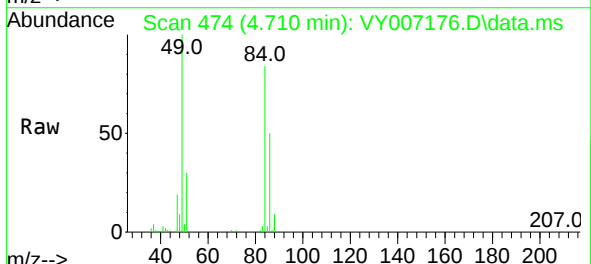
Manual Integrations
APPROVED

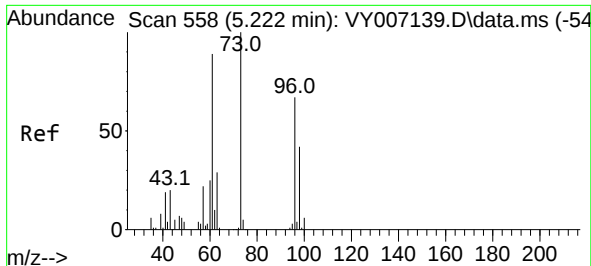
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#20
Methylene Chloride
Concen: 53.236 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

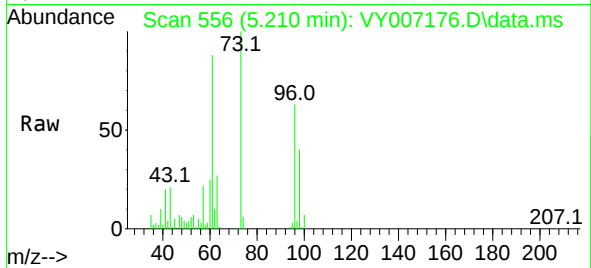
Tgt Ion: 84 Resp: 93723
Ion Ratio Lower Upper
84 100
49 119.6 92.6 139.0
51 35.8 28.6 42.8
86 59.4 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 53.915 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

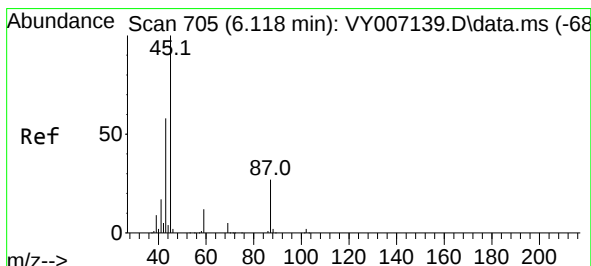
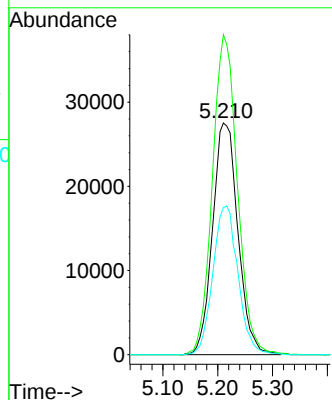
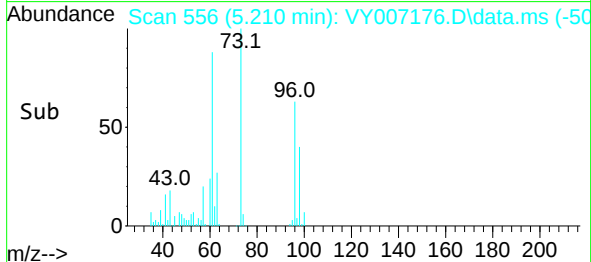
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



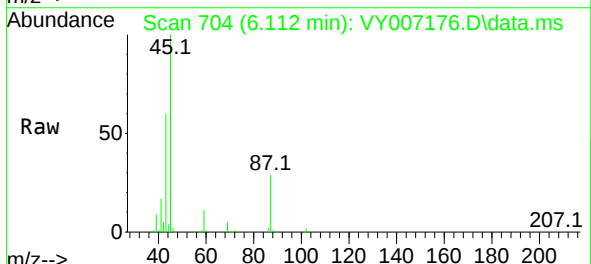
Tgt Ion: 96 Resp: 88430
Ion Ratio Lower Upper
96 100
61 138.1 107.3 160.9
98 63.5 52.4 78.6

Manual Integrations
APPROVED

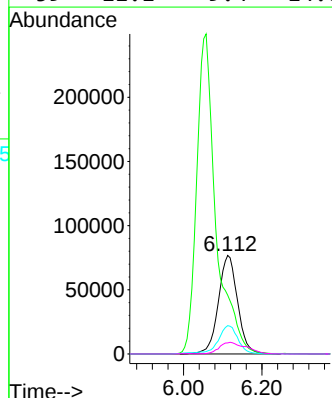
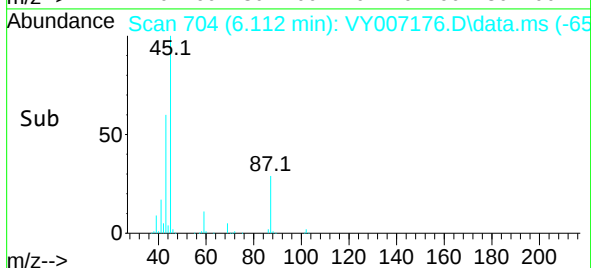
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

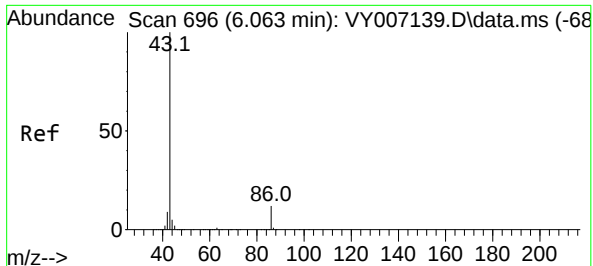


#22
Diisopropyl ether
Concen: 53.236 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10



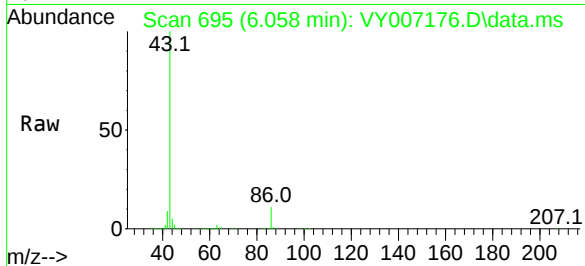
Tgt Ion: 45 Resp: 261624
Ion Ratio Lower Upper
45 100
43 59.1 45.6 68.4
87 28.6 22.2 33.2
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 295.239 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY007176.D
 Acq: 14 Jan 2022 19:10

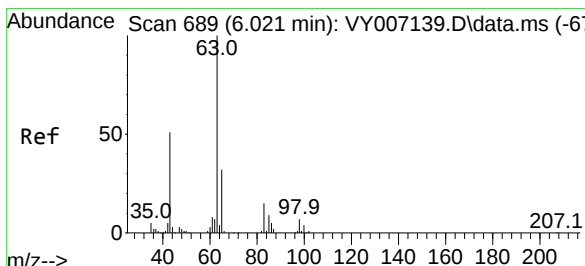
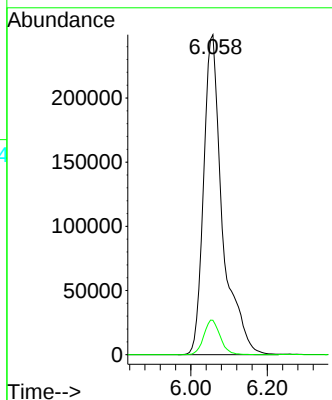
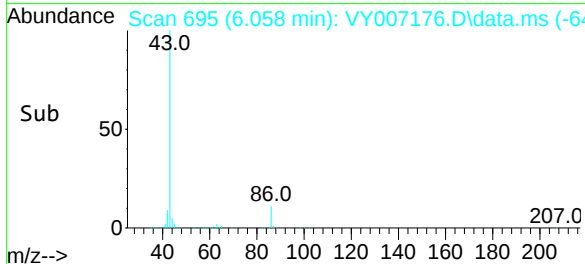
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



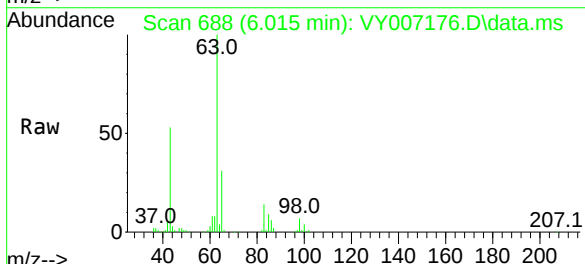
Tgt Ion: 43 Resp: 853280
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.0 13.6

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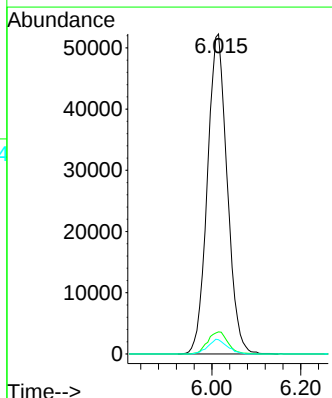
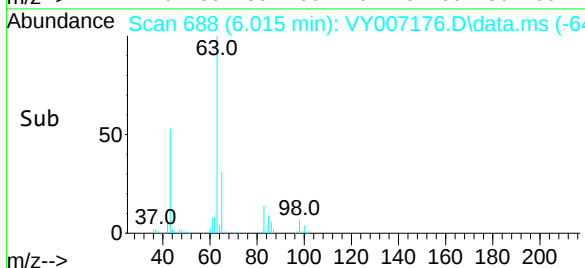
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/17/2022



#24
 1,1-Dichloroethane
 Concen: 54.125 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY007176.D
 Acq: 14 Jan 2022 19:10



Tgt Ion: 63 Resp: 161807
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 333.823 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY007176.D

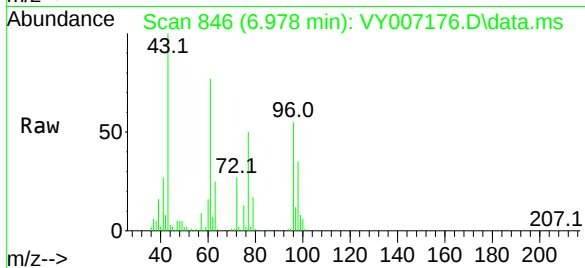
Acq: 14 Jan 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 183750

Ion Ratio Lower Upper

43 100

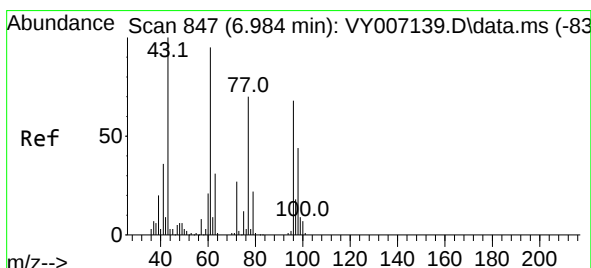
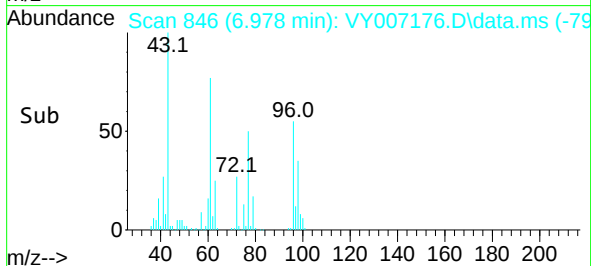
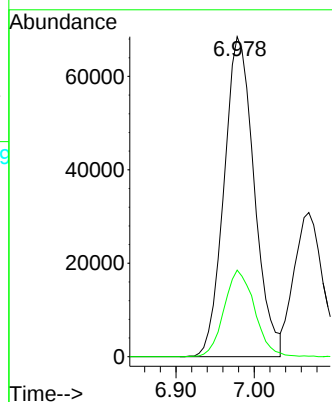
72 27.1 21.9 32.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#26

2,2-Dichloropropane

Concen: 47.987 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY007176.D

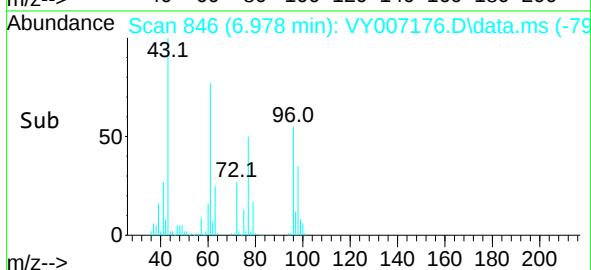
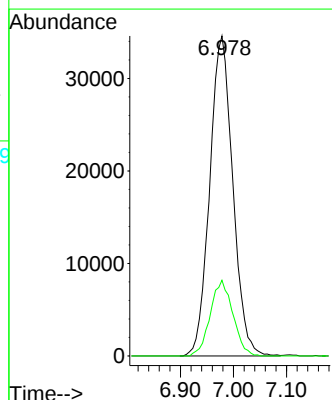
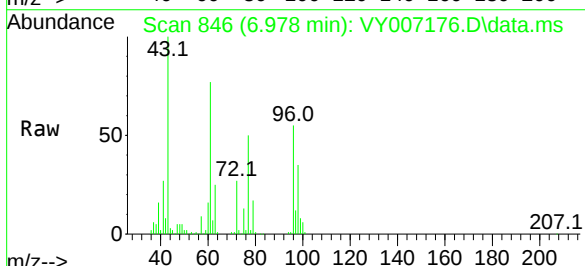
Acq: 14 Jan 2022 19:10

Tgt Ion: 77 Resp: 104550

Ion Ratio Lower Upper

77 100

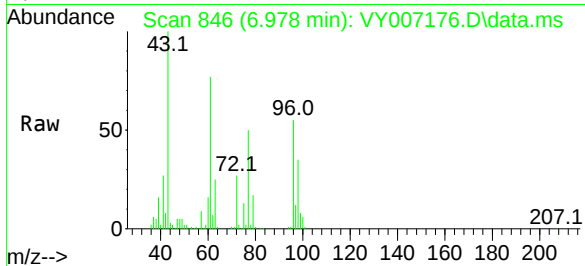
97 23.2 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 54.598 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY007176.D
 Acq: 14 Jan 2022 19:10

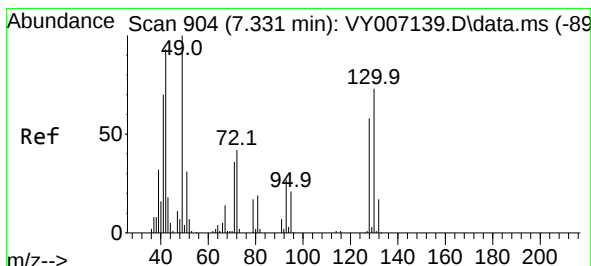
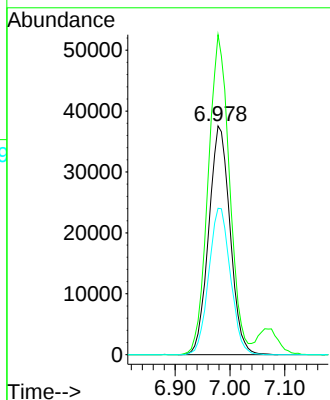
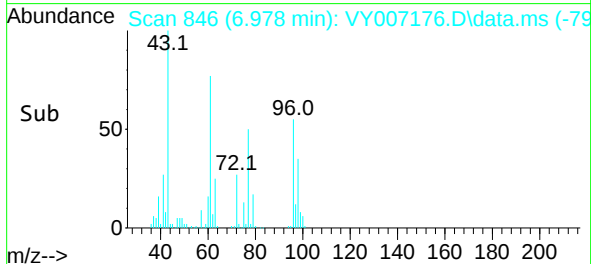
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 10158
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 276.8
 98 64.9 0.0 127.8

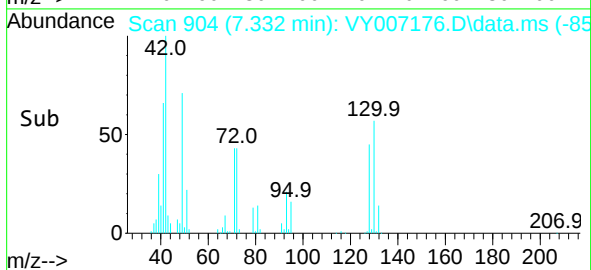
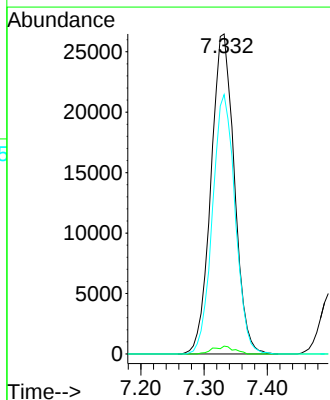
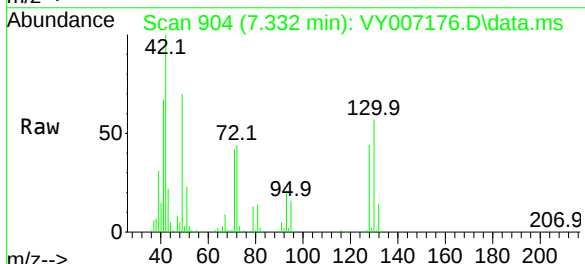
Manual Integrations
 APPROVED

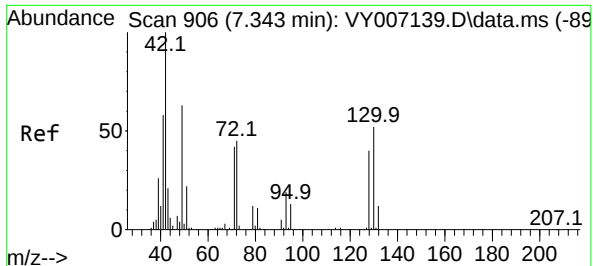
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/17/2022



#28
 Bromochloromethane
 Concen: 62.743 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY007176.D
 Acq: 14 Jan 2022 19:10

Tgt Ion: 49 Resp: 67849
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 78.8 65.0 97.4





#29

Tetrahydrofuran

Concen: 341.655 ug/l

RT: 7.338 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY007176.D

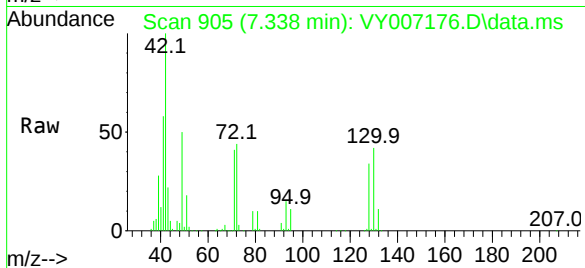
Acq: 14 Jan 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

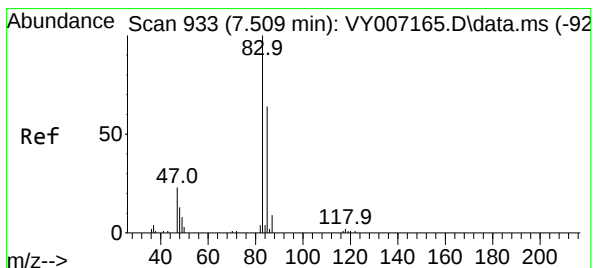
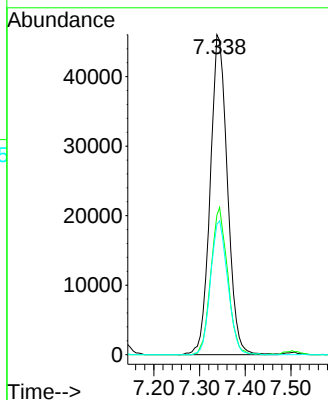
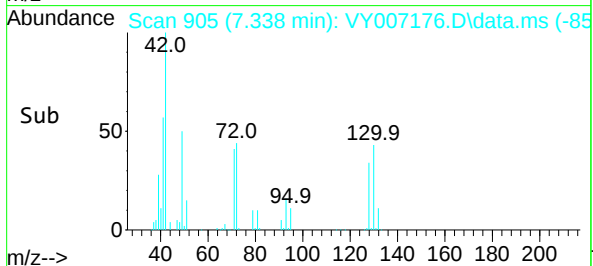
VSTDCCC050EC



Tgt Ion:	42	Resp:	120894
Ion Ratio	100	Lower	Upper
42	100		
72	44.9	36.6	54.8
71	41.8	34.1	51.1

Manual Integrations
APPROVED

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



#30

Chloroform

Concen: 55.432 ug/l

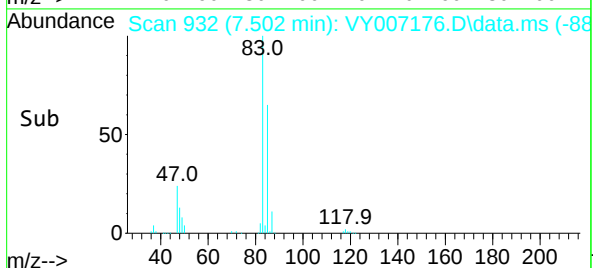
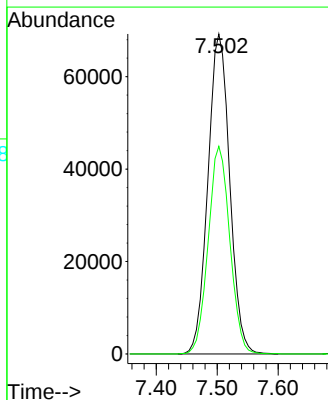
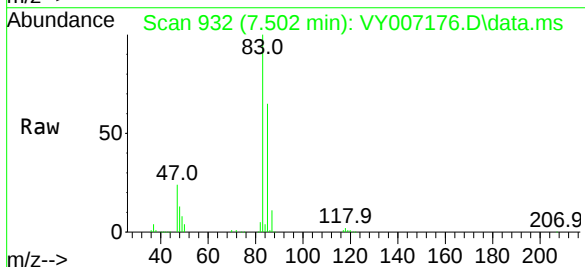
RT: 7.502 min Scan# 932

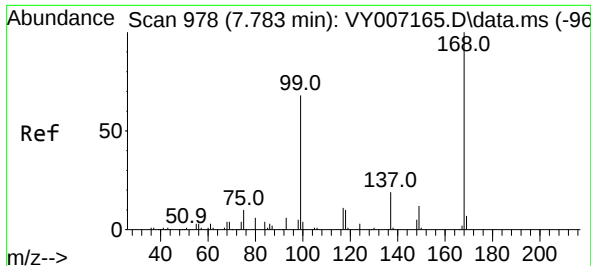
Delta R.T. -0.006 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

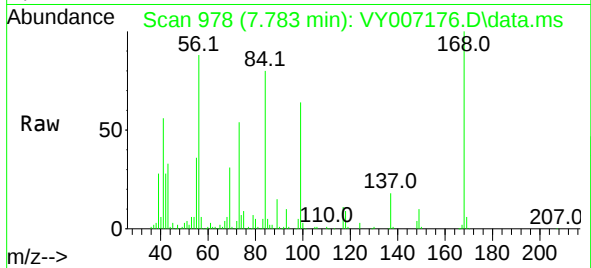
Tgt Ion:	83	Resp:	172181
Ion Ratio	100	Lower	Upper
83	100		
85	64.9	50.9	76.3





#31
Cyclohexane
Concen: 49.435 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

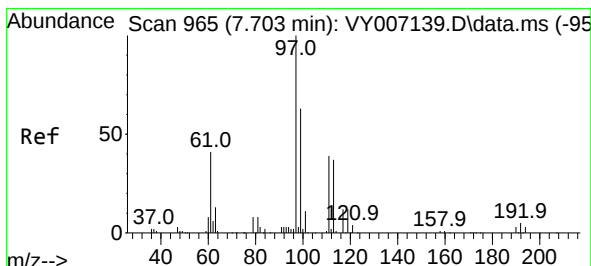
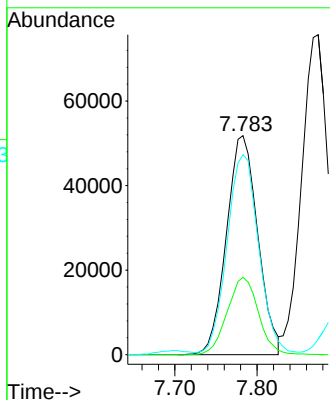
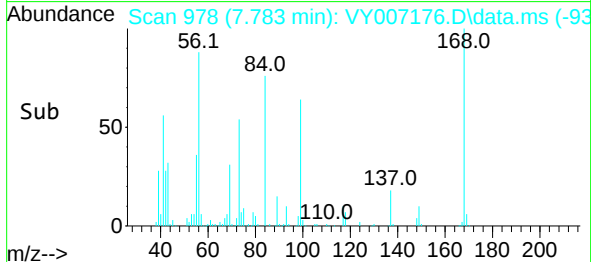
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



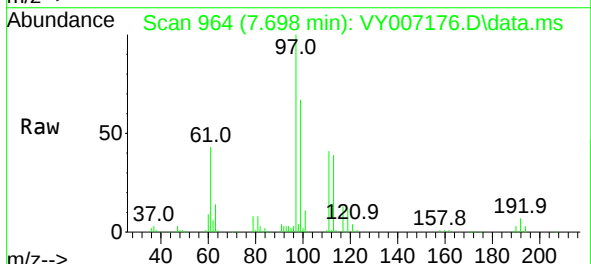
Tgt Ion: 56 Resp: 137108
Ion Ratio Lower Upper
56 100
69 35.3 27.2 40.8
84 89.5 72.1 108.1

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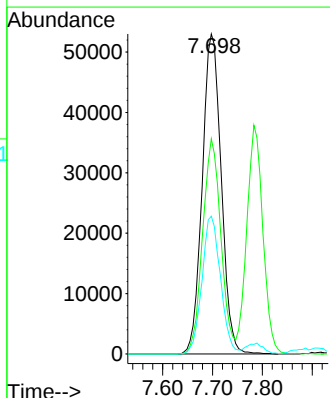
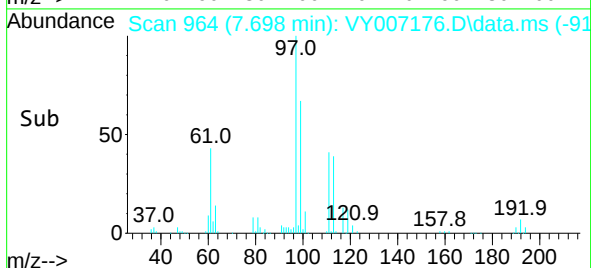
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

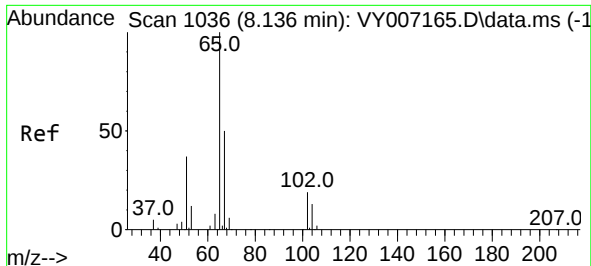


#32
1,1,1-Trichloroethane
Concen: 52.790 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10



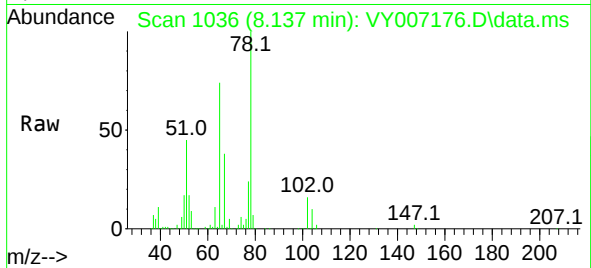
Tgt Ion: 97 Resp: 140156
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 42.2 32.2 48.2





#33
1,2-Dichloroethane-d4
Concen: 58.618 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

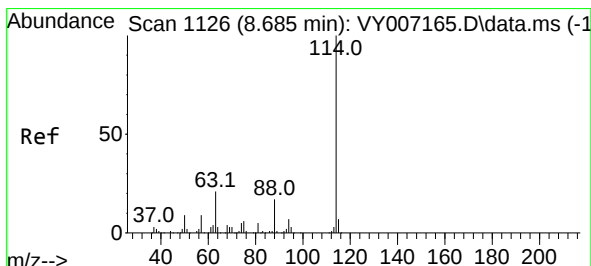
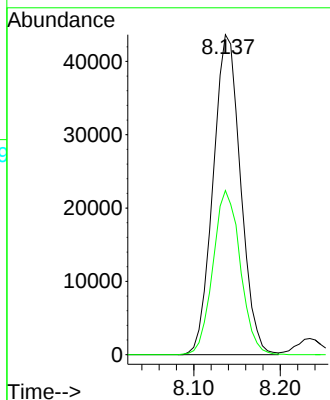
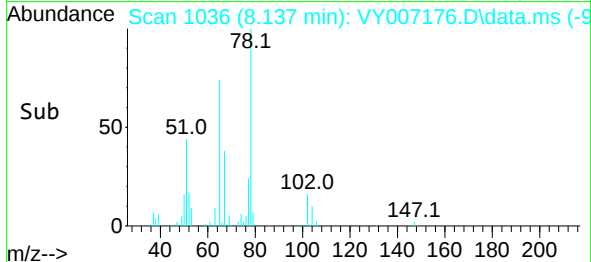
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 65 Resp: 96164
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.6

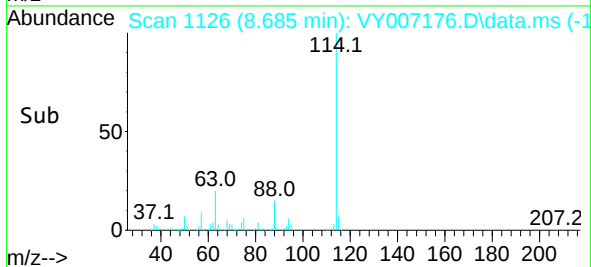
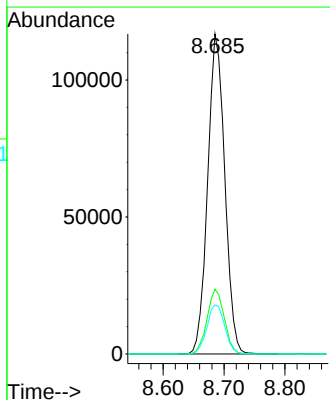
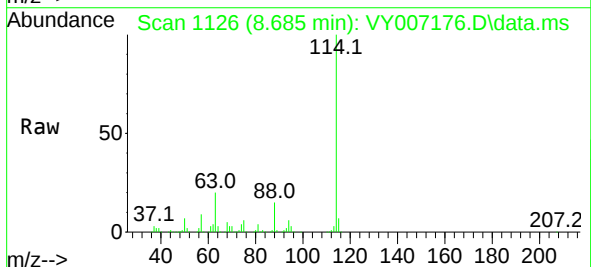
Manual Integrations
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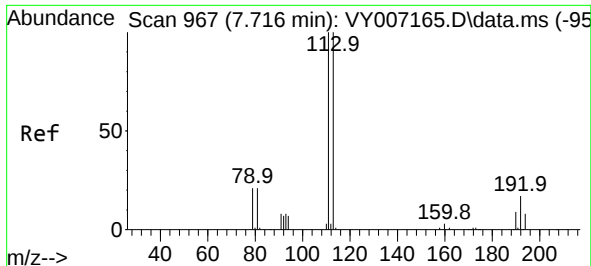
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

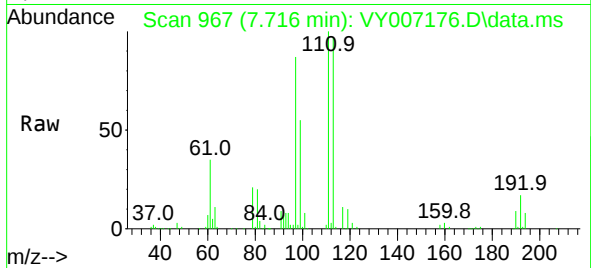
Tgt Ion:114 Resp: 227940
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 15.4 0.0 31.0





#35
Dibromofluoromethane
Concen: 56.127 ug/l
RT: 7.716 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

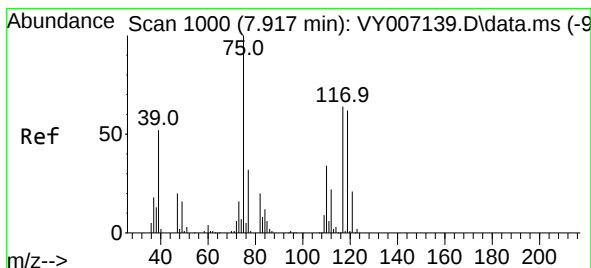
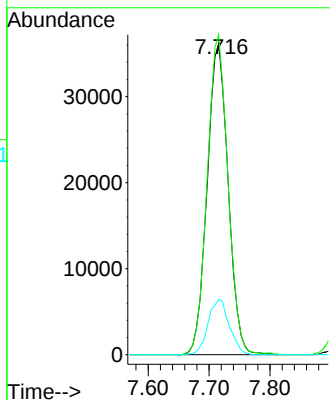
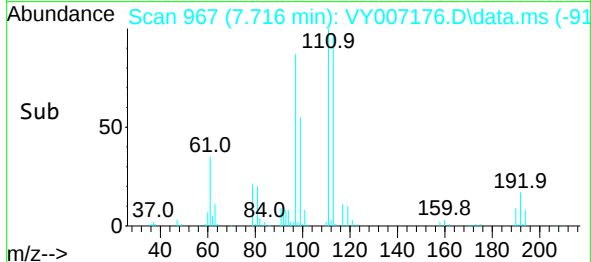
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



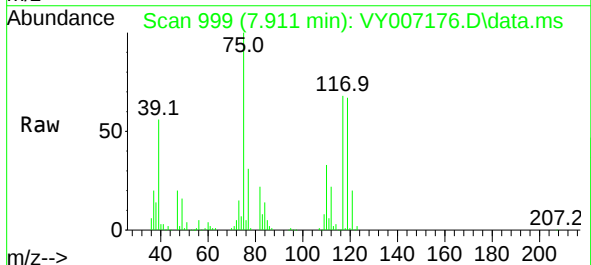
Tgt Ion: 113 Resp: 86509
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 17.9 14.2 21.4

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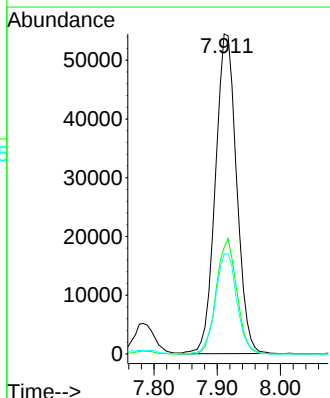
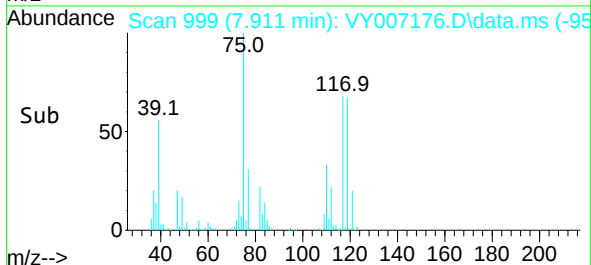
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

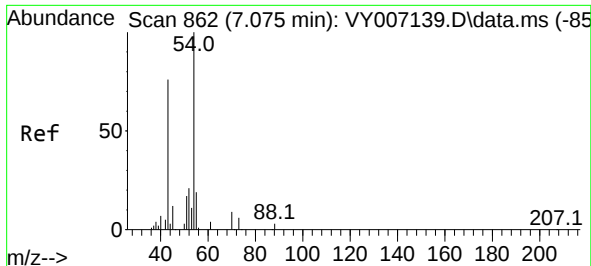


#36
1,1-Dichloropropene
Concen: 51.371 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10



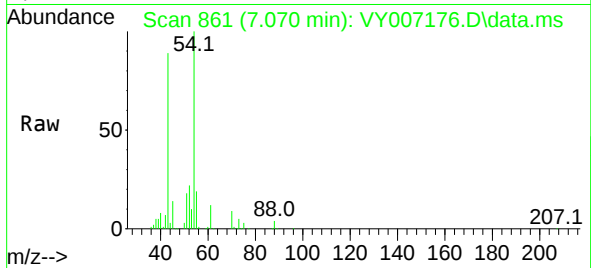
Tgt Ion: 75 Resp: 126458
Ion Ratio Lower Upper
75 100
110 34.7 17.3 51.9
77 31.7 24.7 37.1





#37
Ethyl Acetate
Concen: 63.821 ug/l
RT: 7.070 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

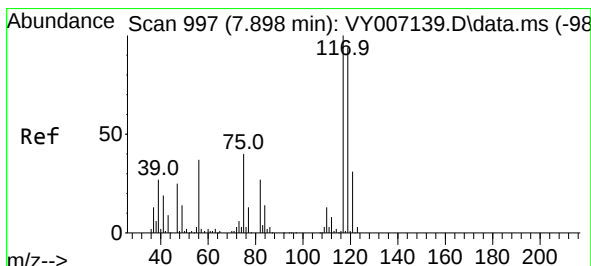
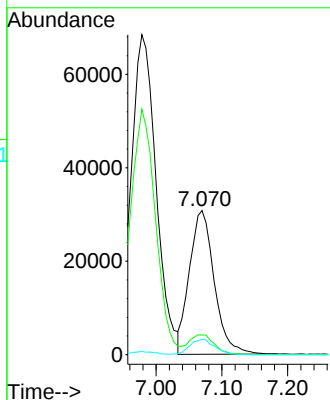
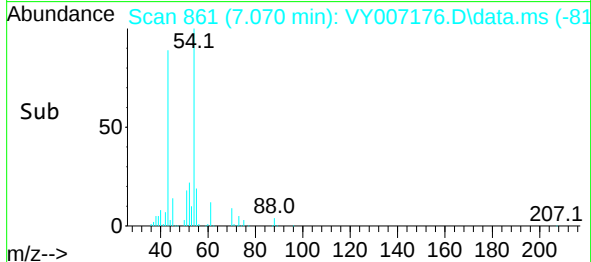
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 80625
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.8
70 10.7 9.0 13.4

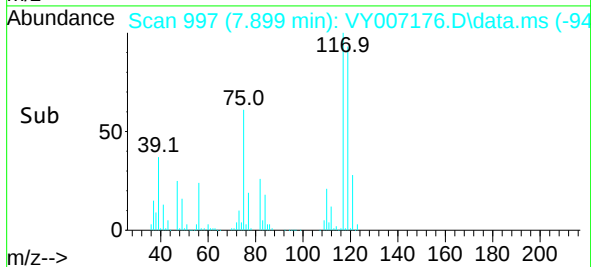
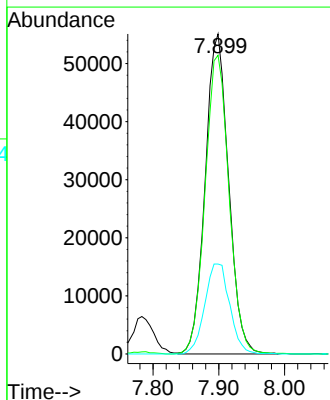
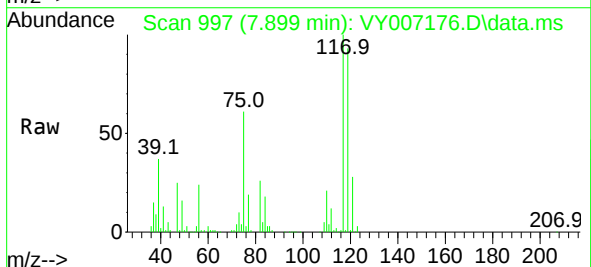
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 52.670 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

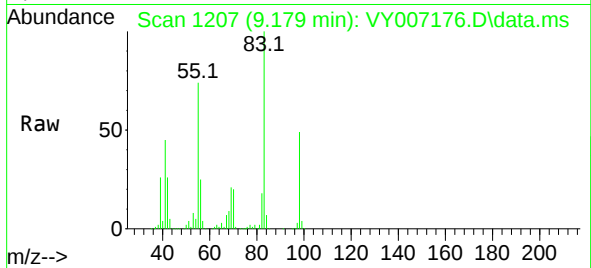
Tgt Ion:117 Resp: 136377
Ion Ratio Lower Upper
117 100
119 93.1 77.2 115.8
121 28.1 24.2 36.2





#39
Methylcyclohexane
Concen: 51.449 ug/l
RT: 9.179 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

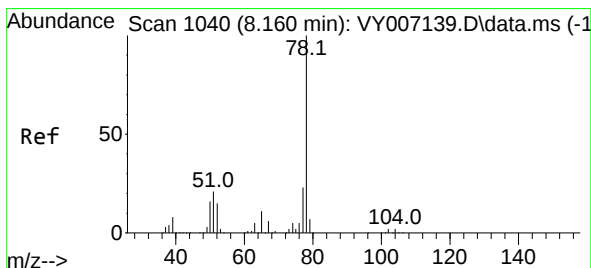
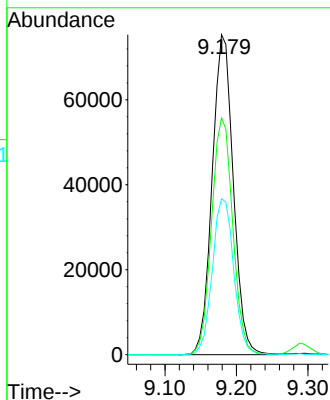
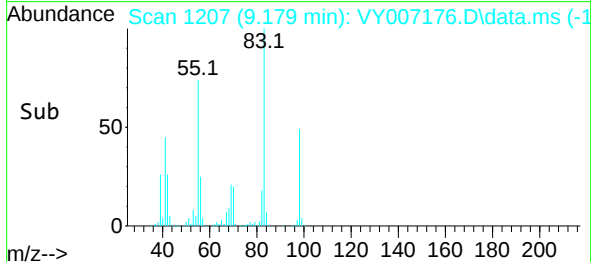
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 15463
Ion Ratio Lower Upper
83 100
55 74.0 58.8 88.2
98 48.7 38.7 58.1

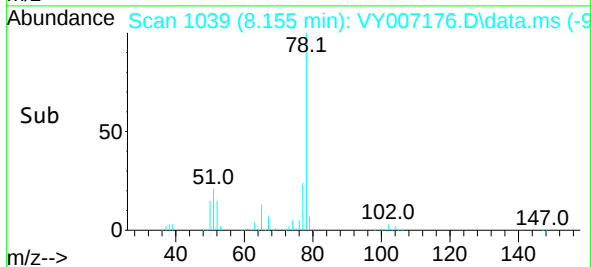
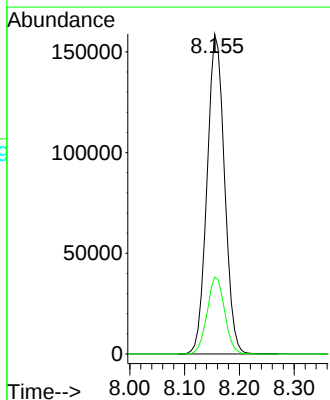
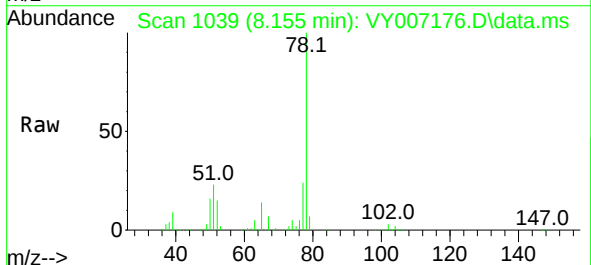
Manual Integrations
APPROVED

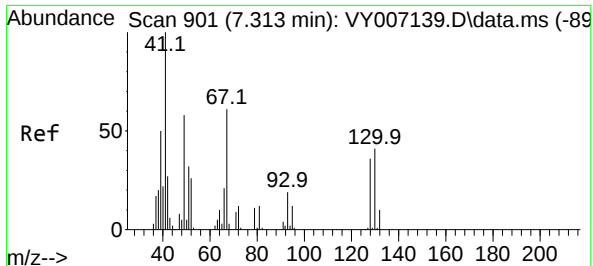
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#40
Benzene
Concen: 53.373 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

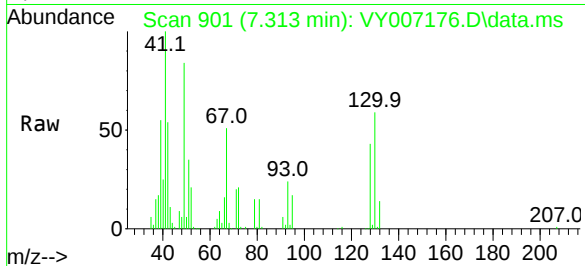
Tgt Ion: 78 Resp: 350469
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8





#41
Methacrylonitrile
Concen: 65.702 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

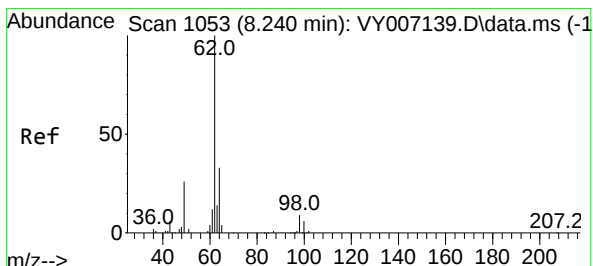
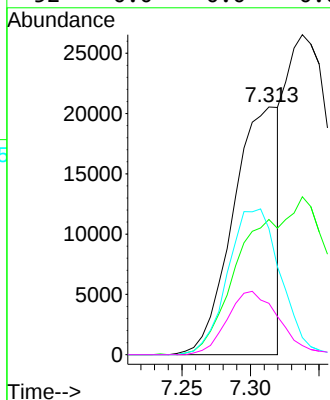
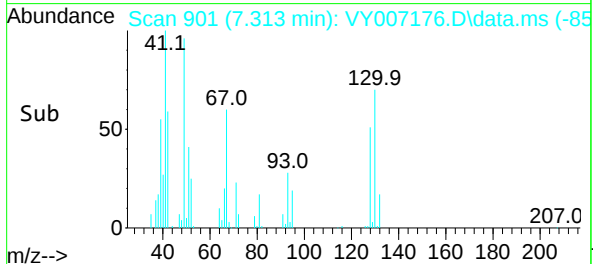
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



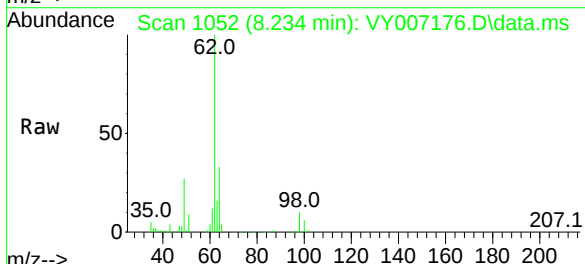
Tgt Ion:	41	Resp:	47798
Ion Ratio	100	Lower	Upper
41	100		
39	116.9	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
APPROVED

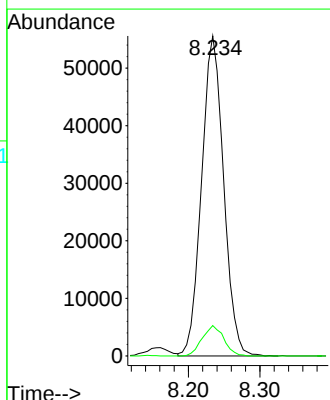
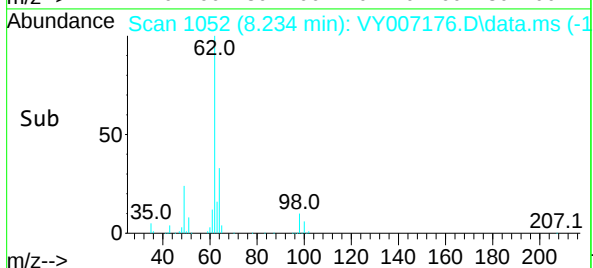
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

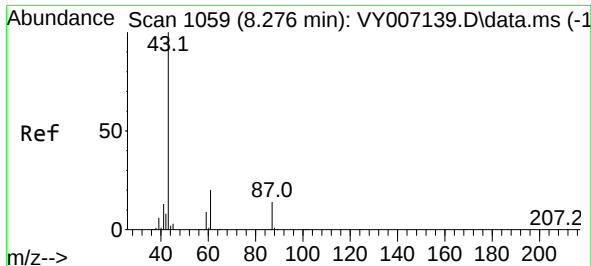


#42
1,2-Dichloroethane
Concen: 57.571 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10



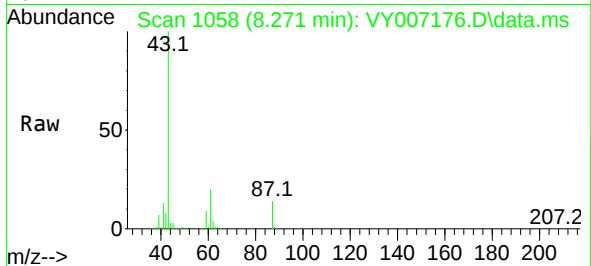
Tgt Ion:	62	Resp:	119043
Ion Ratio	100	Lower	Upper
62	100		
98	9.3	0.0	19.2





#43
Isopropyl Acetate
Concen: 64.454 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

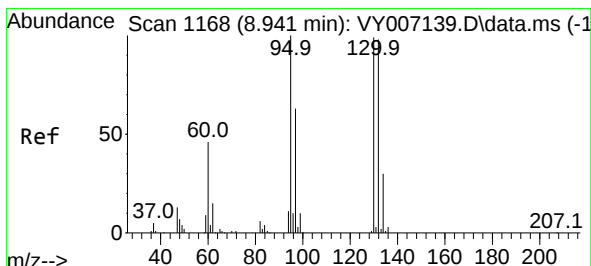
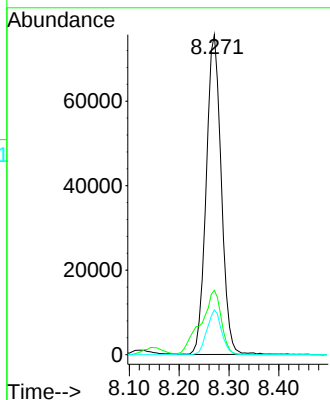
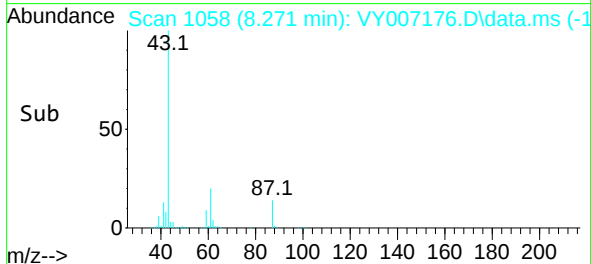
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 158430
Ion Ratio Lower Upper
43 100
61 27.5 23.8 35.8
87 13.6 11.6 17.4

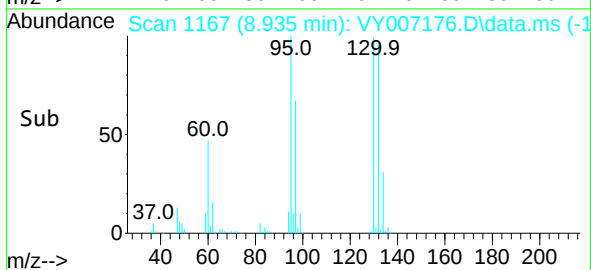
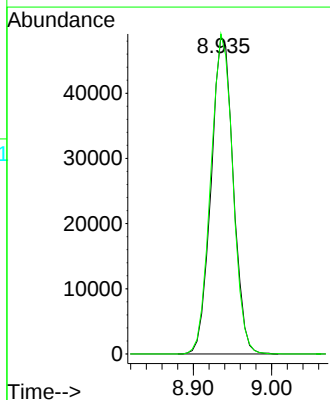
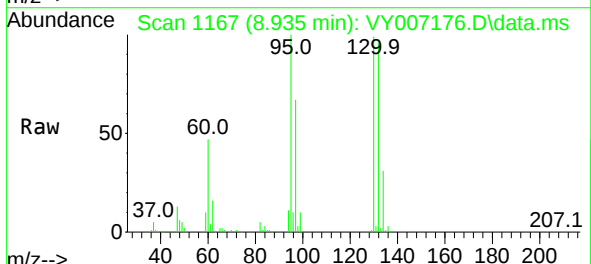
Manual Integrations
APPROVED

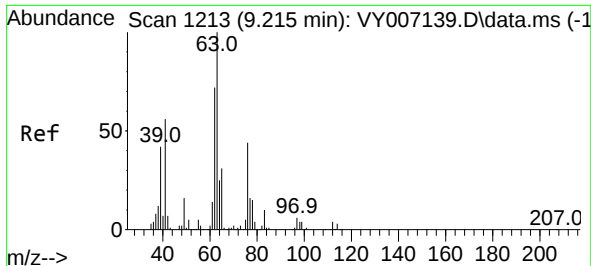
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#44
Trichloroethene
Concen: 53.832 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

Tgt Ion:130 Resp: 95653
Ion Ratio Lower Upper
130 100
95 100.8 0.0 196.6





#45

1,2-Dichloropropane

Concen: 53.822 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8987

Ion Ratio Lower Upper

63 100

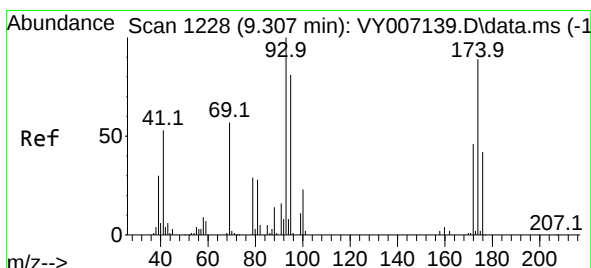
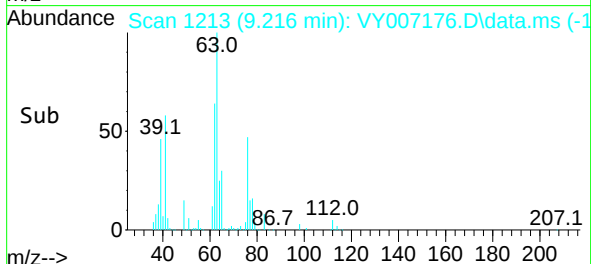
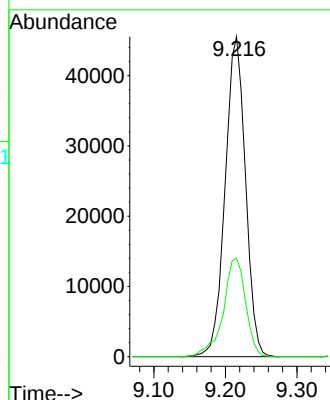
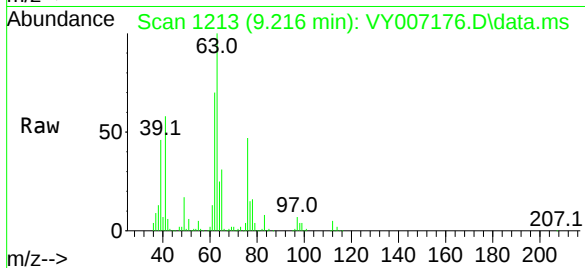
65 30.8 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#46

Dibromomethane

Concen: 56.794 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

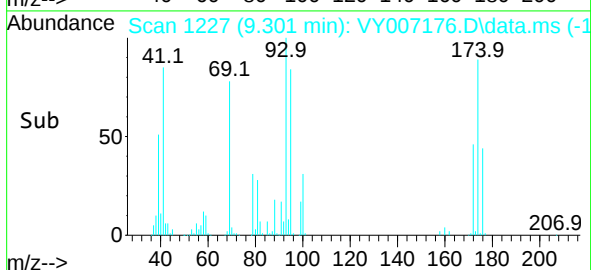
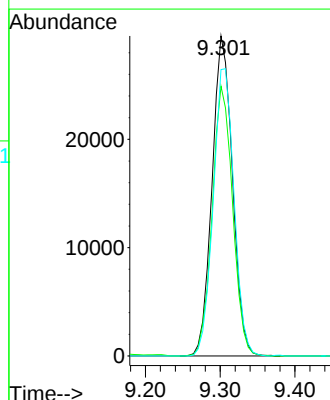
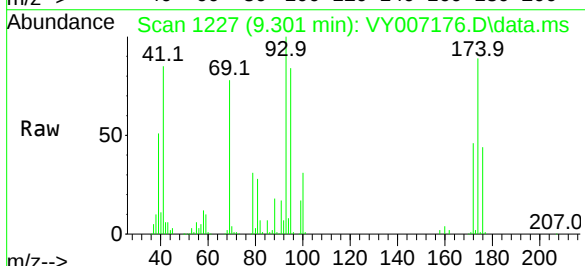
Tgt Ion: 93 Resp: 56081

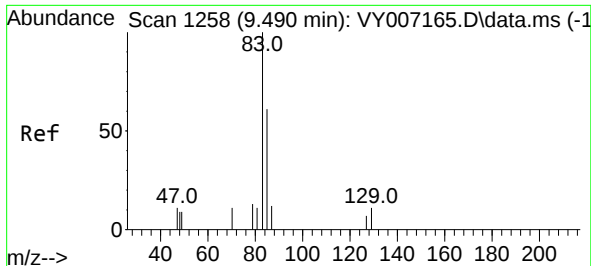
Ion Ratio Lower Upper

93 100

95 84.4 65.8 98.6

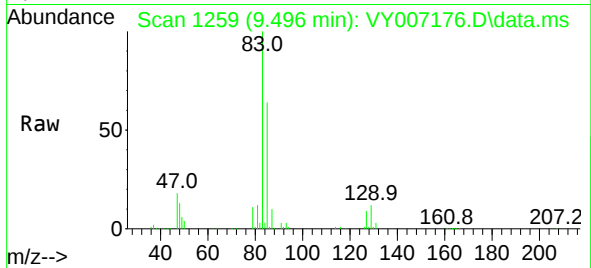
174 91.7 75.4 113.0





#47
Bromodichloromethane
Concen: 55.800 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

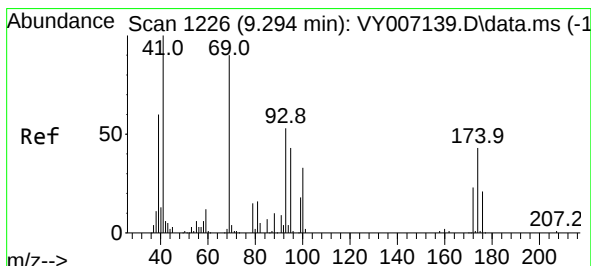
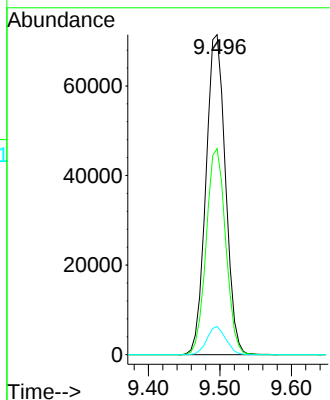
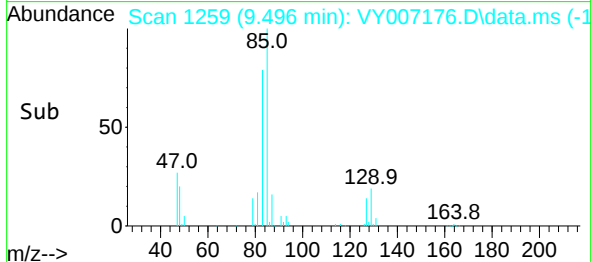
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



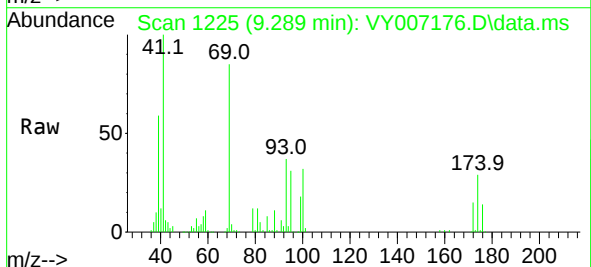
Tgt Ion: 83 Resp: 13545
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.2
127 8.8 6.5 9.7

Manual Integrations
APPROVED

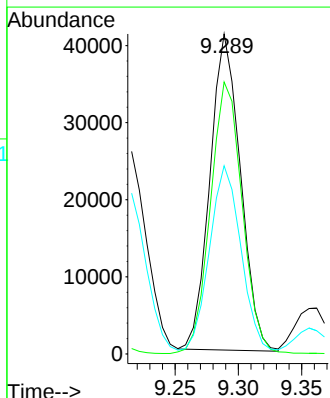
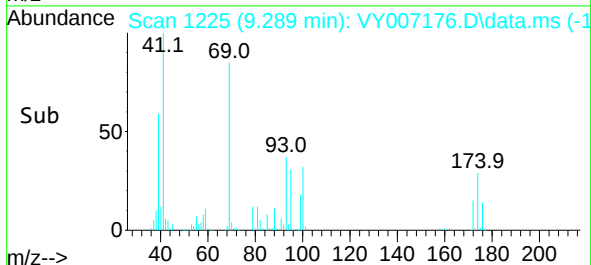
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#48
Methyl methacrylate
Concen: 61.504 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10



Tgt Ion: 41 Resp: 68766
Ion Ratio Lower Upper
41 100
69 90.1 70.5 105.7
39 60.0 43.8 65.8





#49

1,4-Dioxane

Concen: 1261.127 ug/l m

RT: 9.301 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007176.D

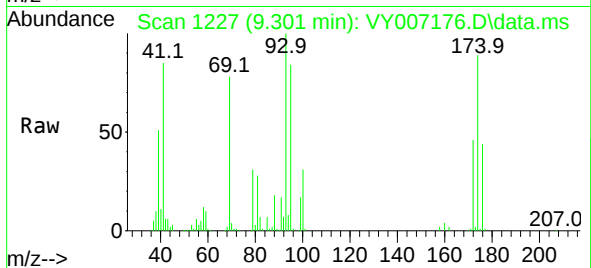
Acq: 14 Jan 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



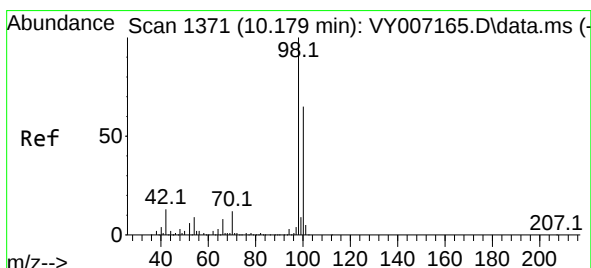
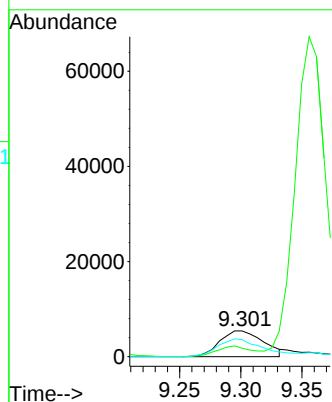
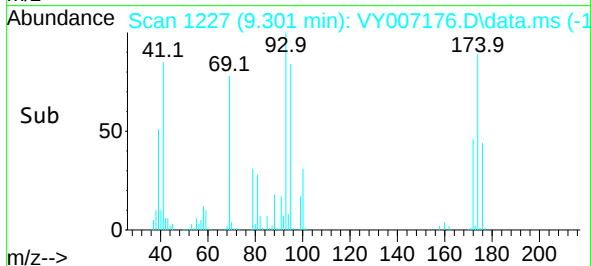
Tgt Ion:	88	Resp:	1342
Ion	Ratio	Lower	Upper
88	100		
43	35.3	22.0	33.0
58	72.8	58.6	87.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#50

Toluene-d8

Concen: 54.587 ug/l

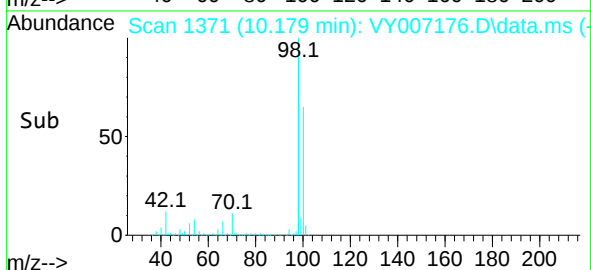
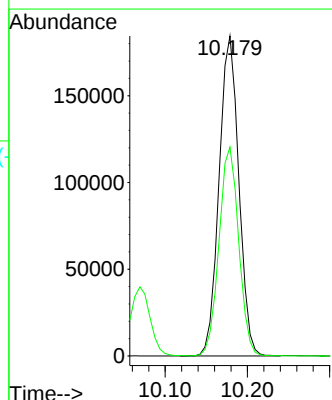
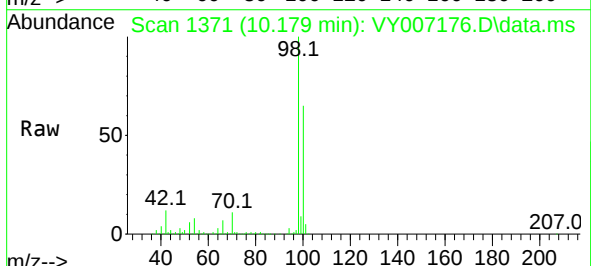
RT: 10.179 min Scan# 1371

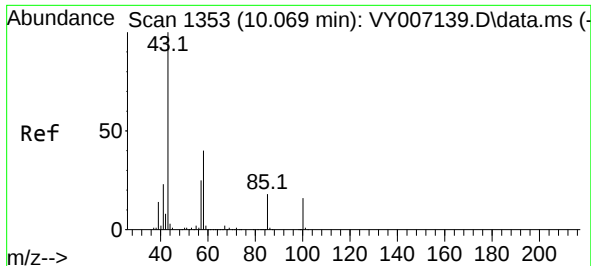
Delta R.T. 0.000 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

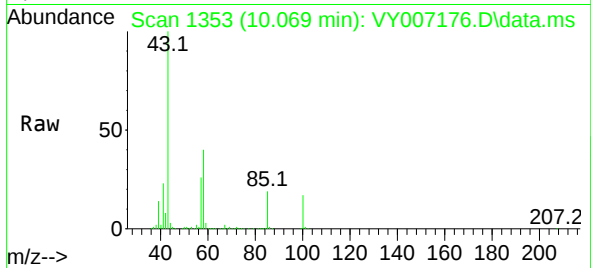
Tgt Ion:	98	Resp:	307421
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2





#51
4-Methyl-2-Pentanone
Concen: 332.237 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

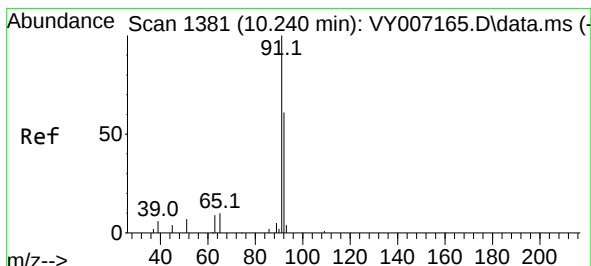
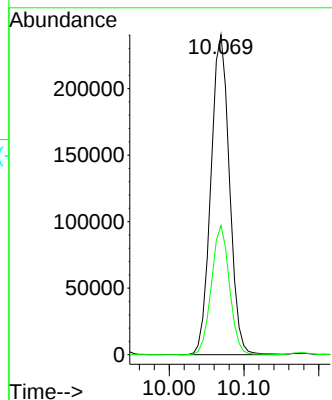
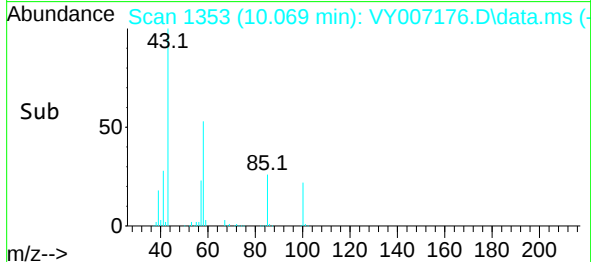
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 414090
Ion Ratio Lower Upper
43 100
58 39.3 32.8 49.2

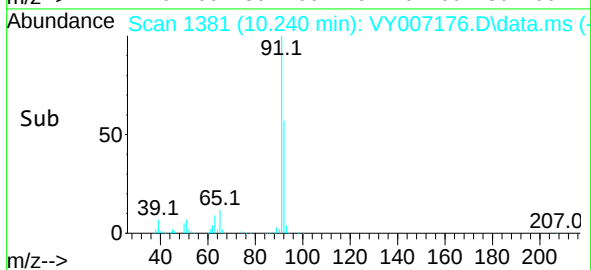
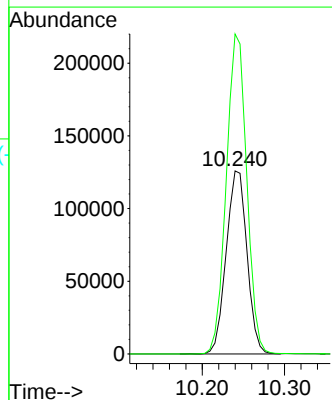
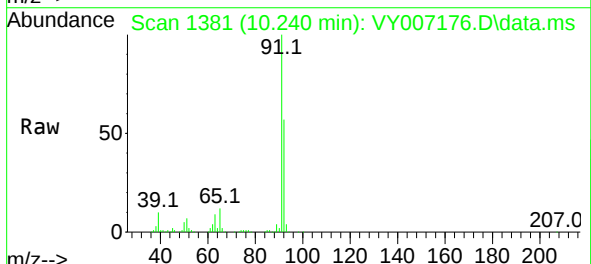
Manual Integrations
APPROVED

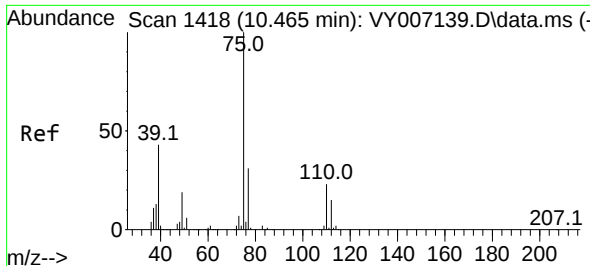
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#52
Toluene
Concen: 53.146 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

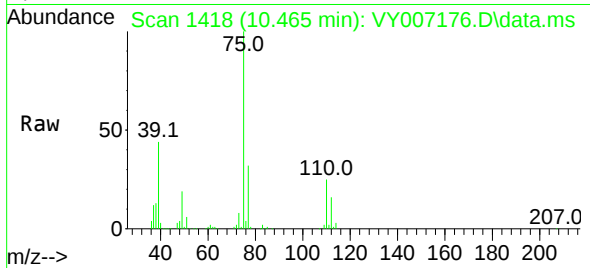
Tgt Ion: 92 Resp: 221206
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 56.345 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

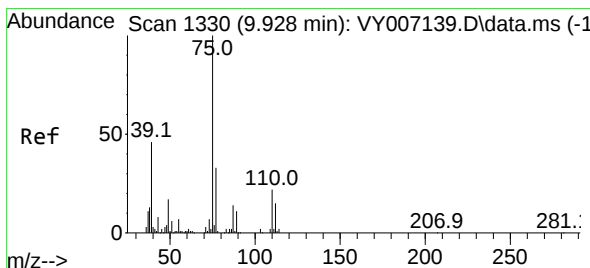
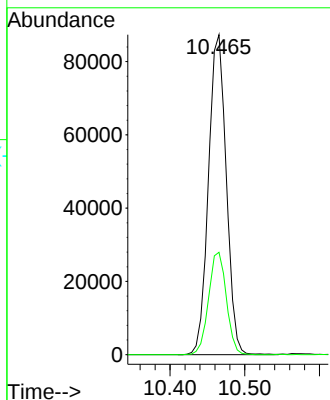
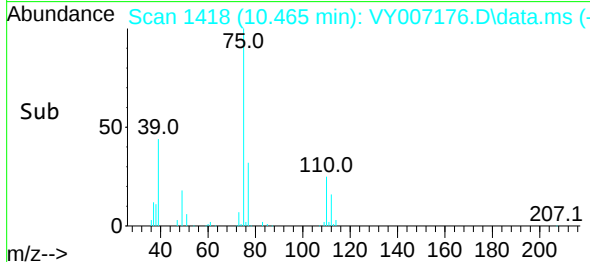
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 144385
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5

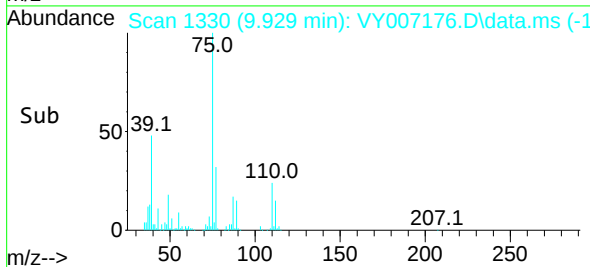
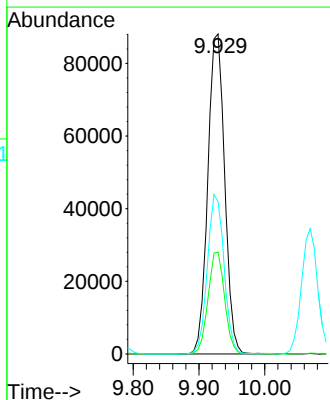
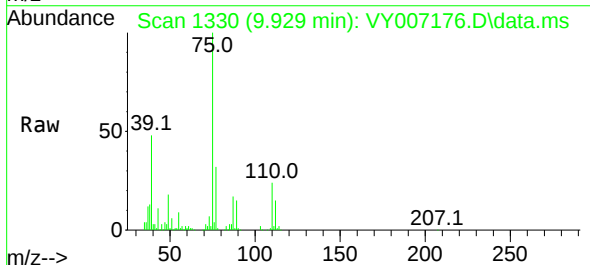
Manual Integrations
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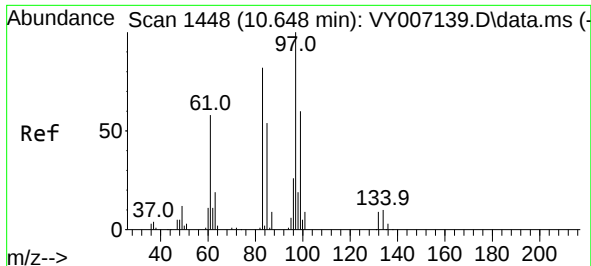
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#54
cis-1,3-Dichloropropene
Concen: 54.801 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

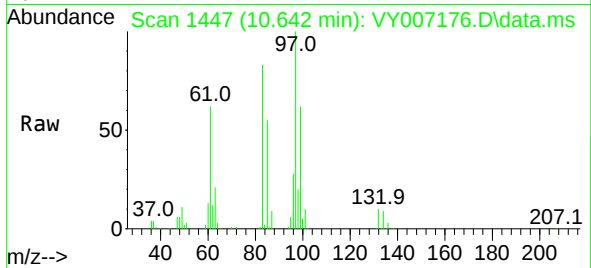
Tgt Ion: 75 Resp: 157191
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
39 47.7 36.1 54.1





#55
1,1,2-Trichloroethane
Concen: 57.345 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

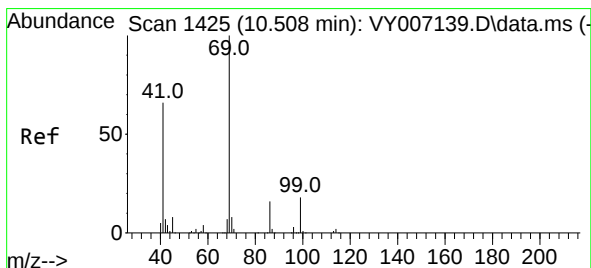
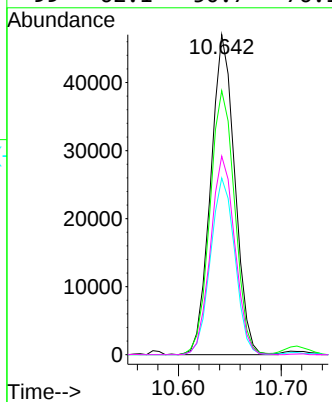
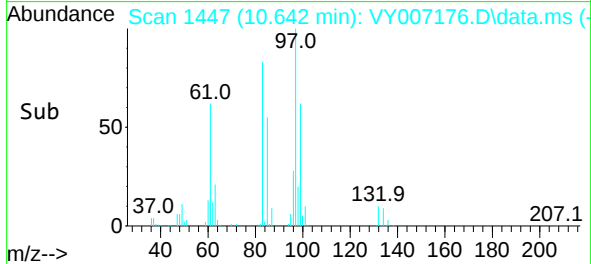
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



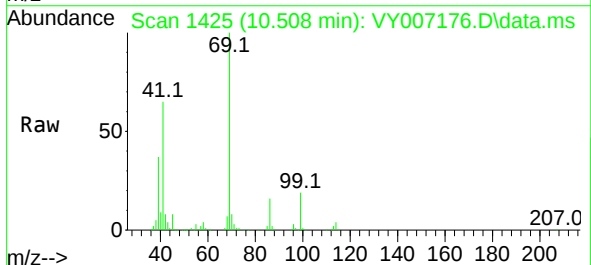
Tgt Ion: 97 Resp: 76800
Ion Ratio Lower Upper
97 100
83 82.5 67.0 100.4
85 55.2 41.2 61.8
99 62.1 50.7 76.1

Manual Integrations
APPROVED

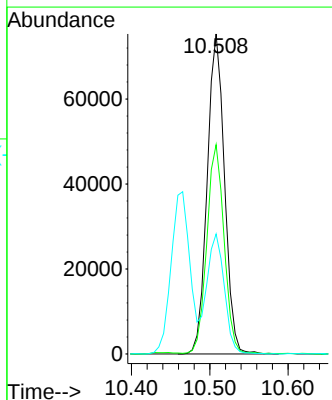
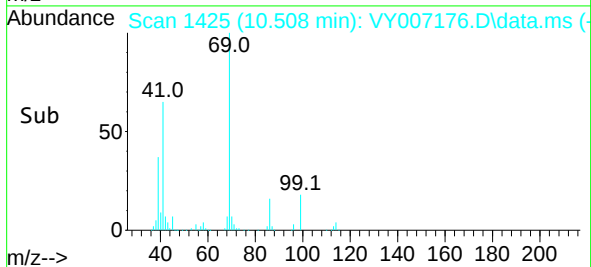
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

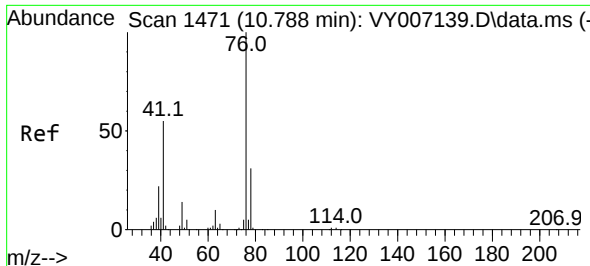


#56
Ethyl methacrylate
Concen: 61.186 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10



Tgt Ion: 69 Resp: 115452
Ion Ratio Lower Upper
69 100
41 65.0 49.4 74.0
39 38.5 27.7 41.5





#57

1,3-Dichloropropane

Concen: 57.687 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007176.D

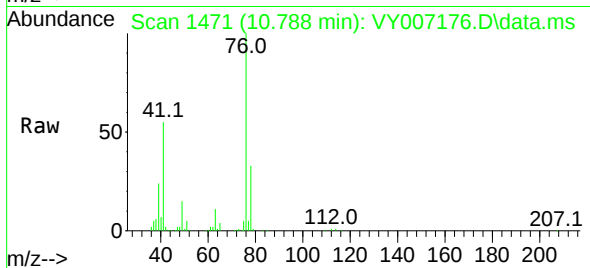
Acq: 14 Jan 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 134679

Ion Ratio Lower Upper

76 100

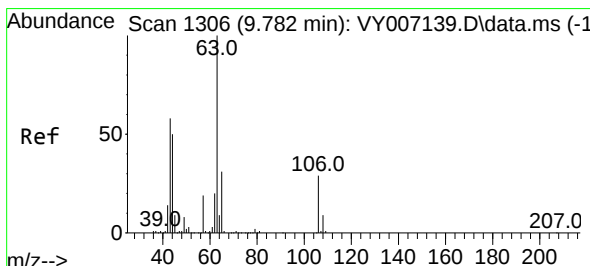
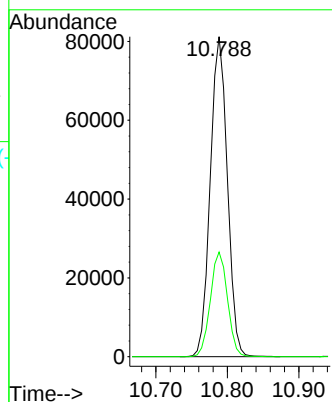
78 32.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#58

2-Chloroethyl Vinyl ether

Concen: 267.994 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007176.D

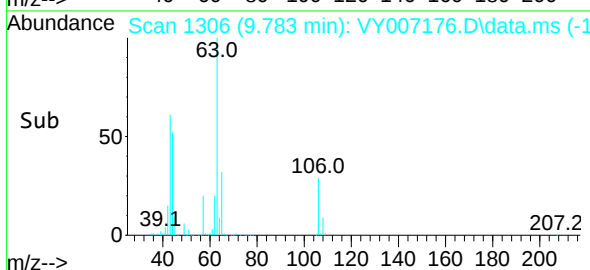
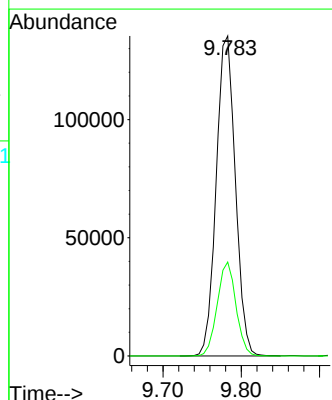
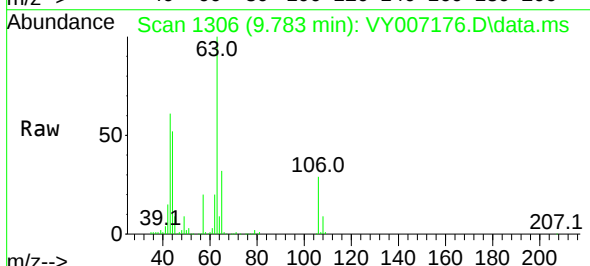
Acq: 14 Jan 2022 19:10

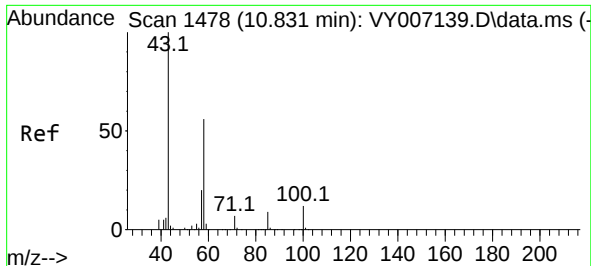
Tgt Ion: 63 Resp: 229940

Ion Ratio Lower Upper

63 100

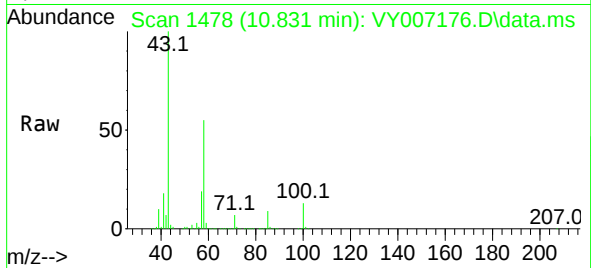
106 28.7 23.3 34.9





#59
2-Hexanone
Concen: 333.345 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

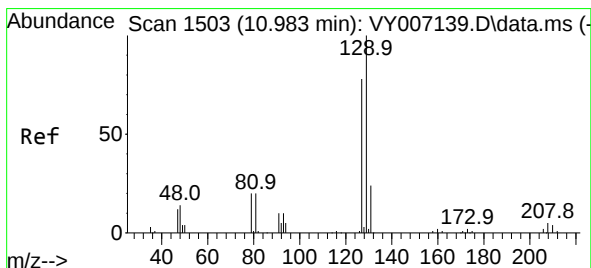
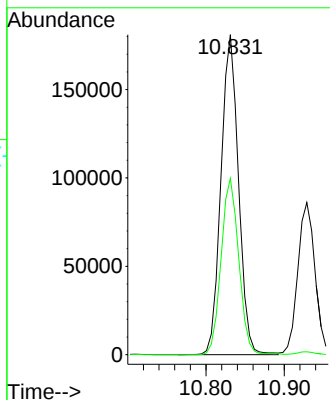
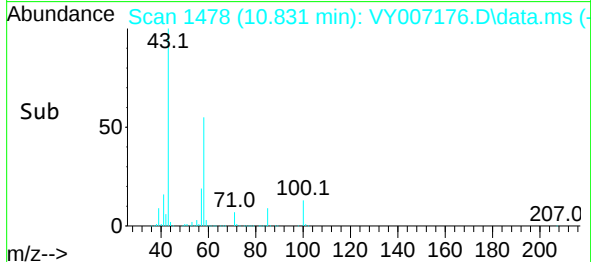
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 281968
Ion Ratio Lower Upper
43 100
58 55.3 28.4 85.3

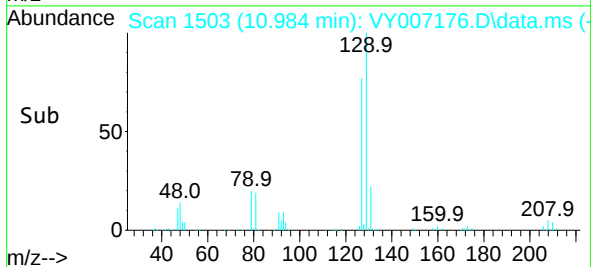
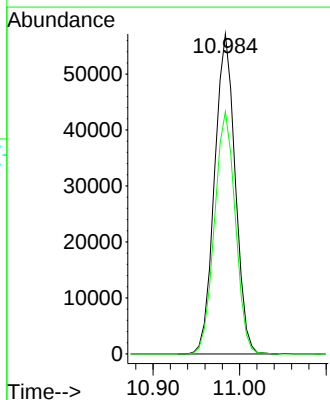
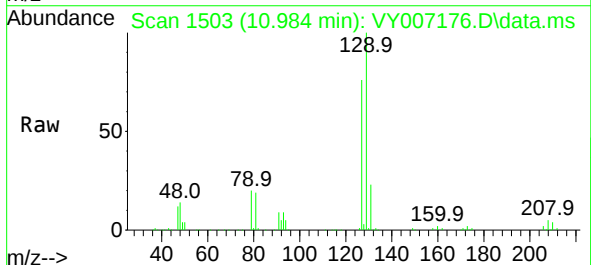
Manual Integrations
APPROVED

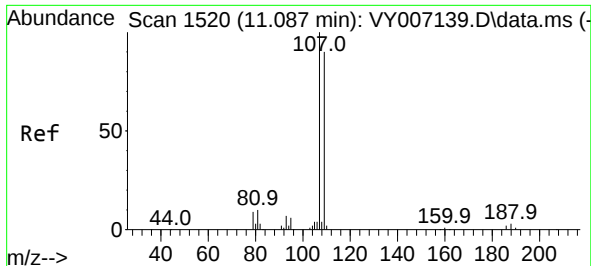
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#60
Dibromochloromethane
Concen: 57.435 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

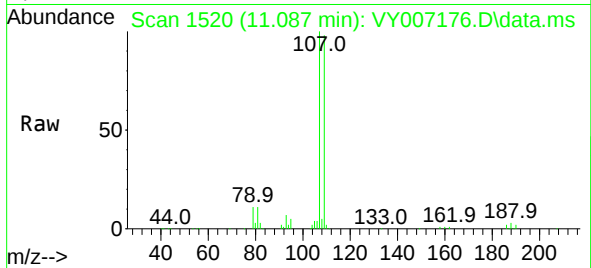
Tgt Ion:129 Resp: 94567
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.6





#61
1,2-Dibromoethane
Concen: 58.538 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

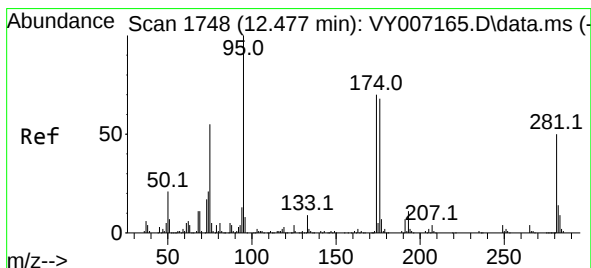
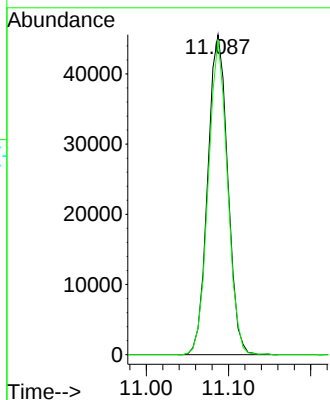
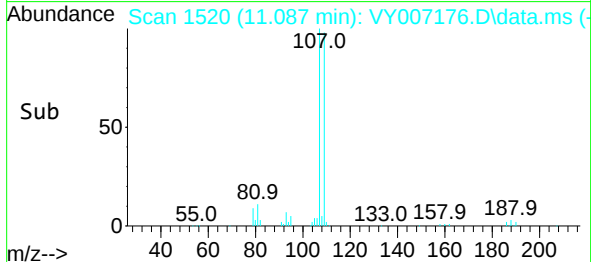
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



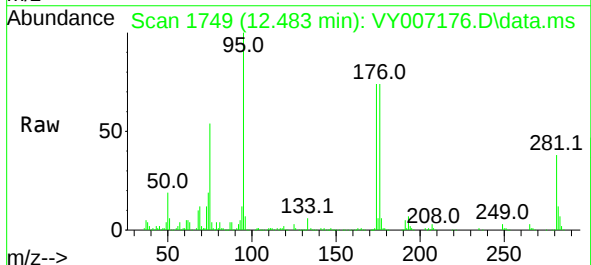
Tgt Ion:107 Resp: 77020
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.0

Manual Integrations
APPROVED

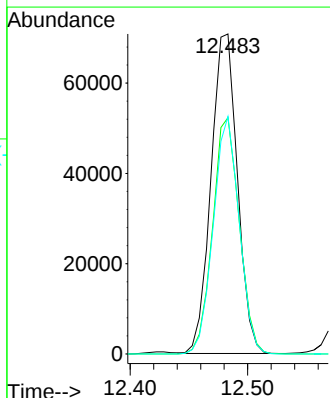
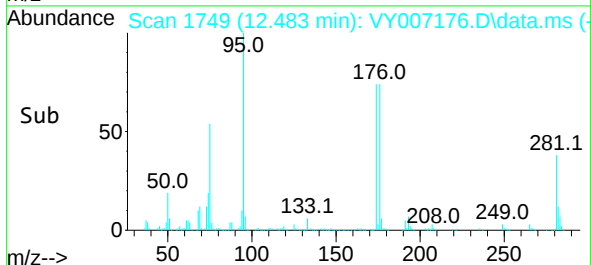
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

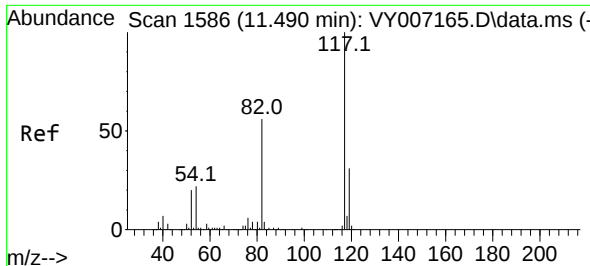


#62
4-Bromofluorobenzene
Concen: 55.200 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10



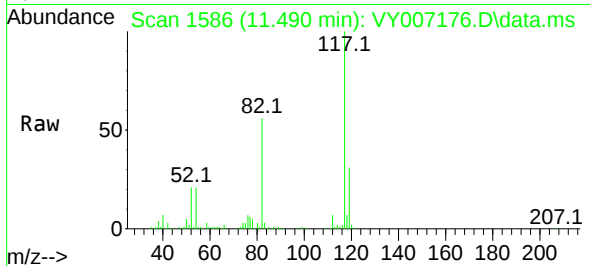
Tgt Ion: 95 Resp: 110584
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.4
176 72.6 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

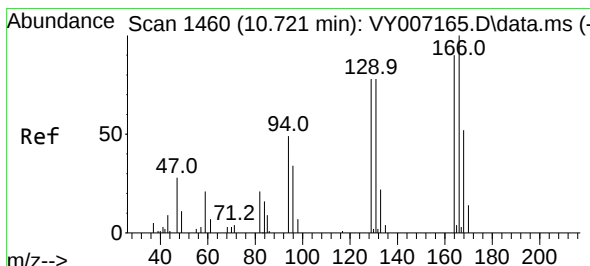
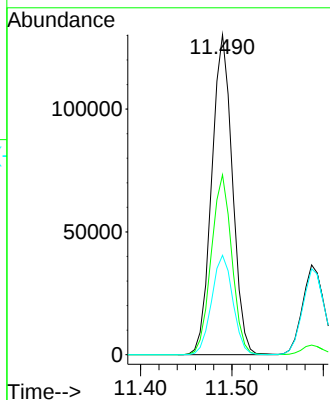
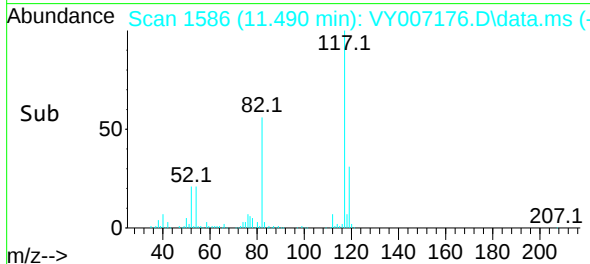
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



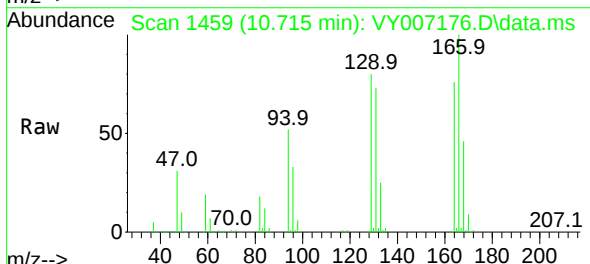
Tgt Ion:117 Resp: 204692
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 31.1 26.4 39.6

Manual Integrations
APPROVED

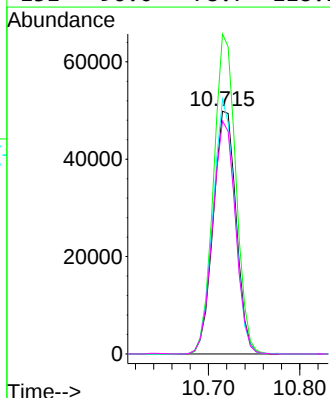
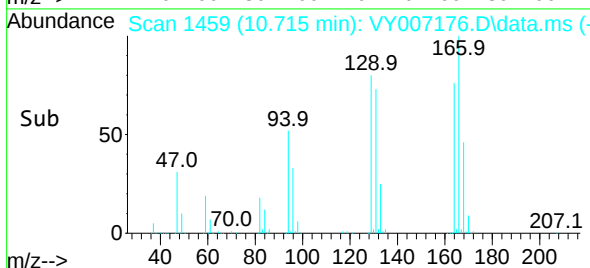
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

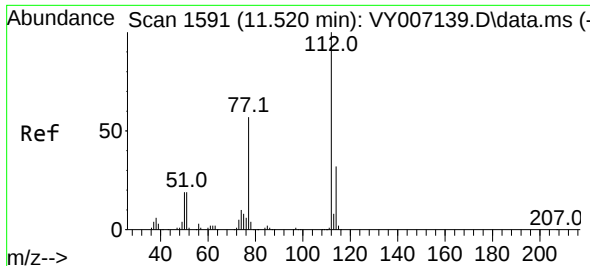


#64
Tetrachloroethene
Concen: 58.729 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10



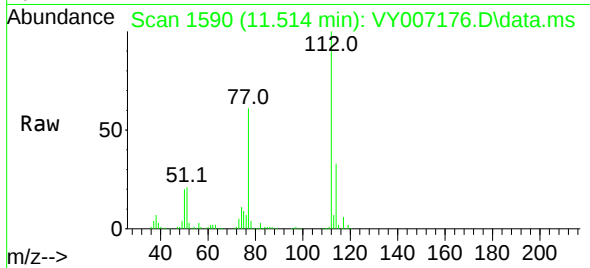
Tgt Ion:164 Resp: 86649
Ion Ratio Lower Upper
164 100
166 131.9 102.6 154.0
129 105.0 84.6 127.0
131 96.0 78.7 118.1





#65
Chlorobenzene
Concen: 53.043 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

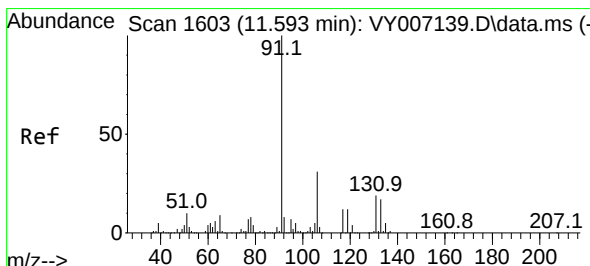
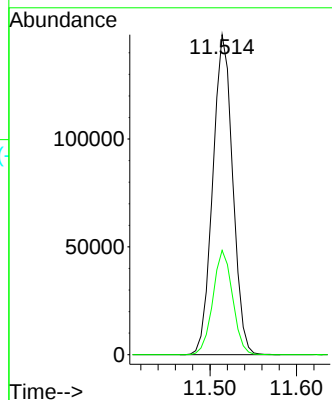
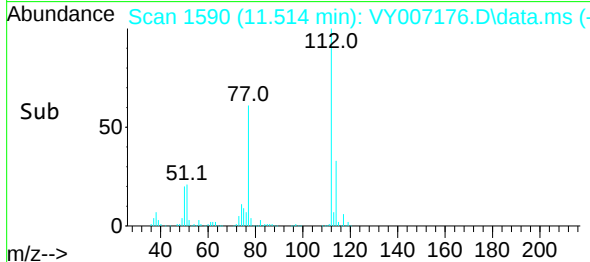
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



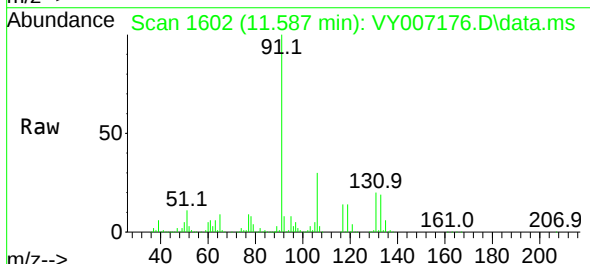
Tgt Ion:112 Resp: 237400
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7

Manual Integrations
APPROVED

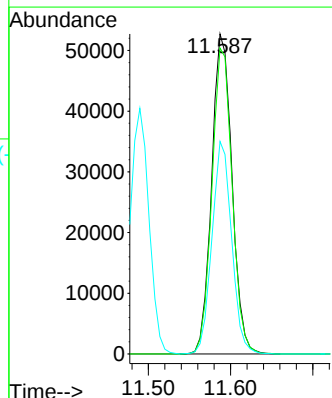
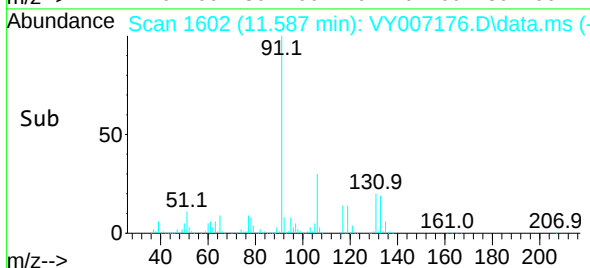
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

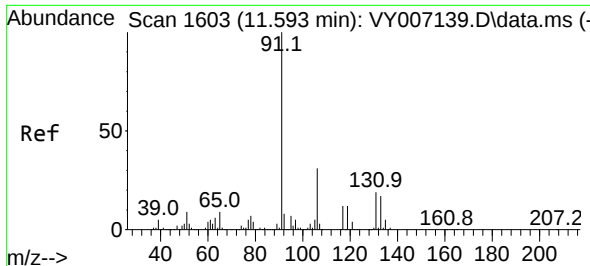


#66
1,1,1,2-Tetrachloroethane
Concen: 54.482 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10



Tgt Ion:131 Resp: 90392
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 64.4 32.6 97.7





#67

Ethyl Benzene

Concen: 51.979 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 437250

Ion Ratio Lower Upper

91 100

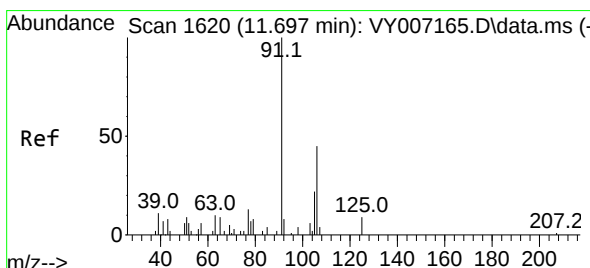
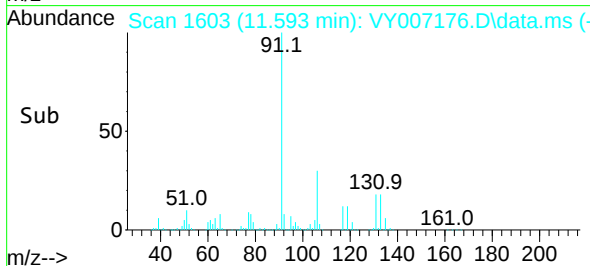
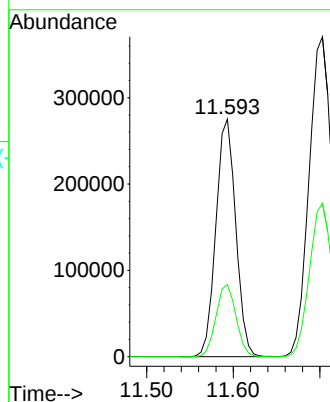
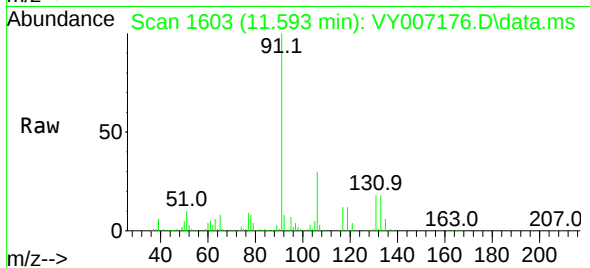
106 30.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#68

m/p-Xylenes

Concen: 104.283 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY007176.D

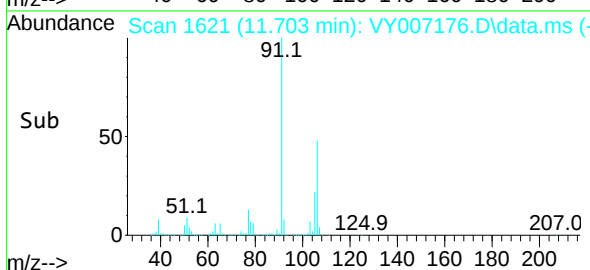
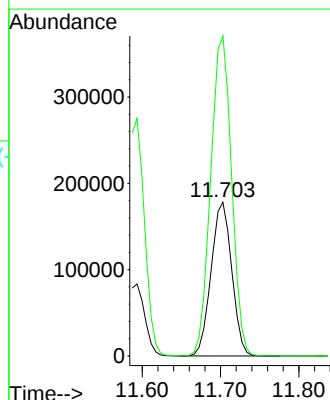
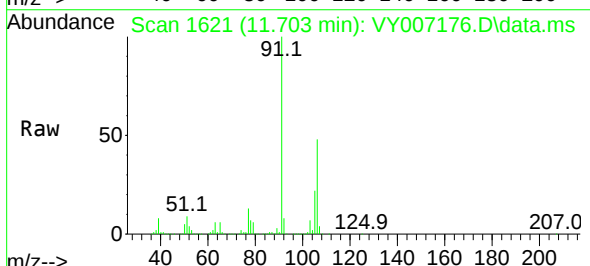
Acq: 14 Jan 2022 19:10

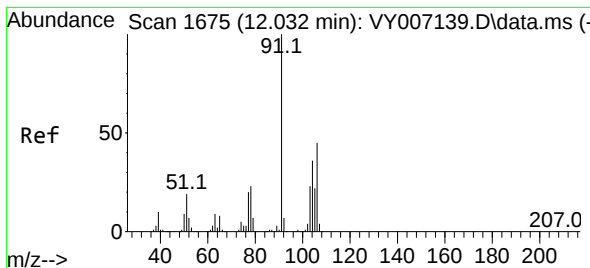
Tgt Ion:106 Resp: 325998

Ion Ratio Lower Upper

106 100

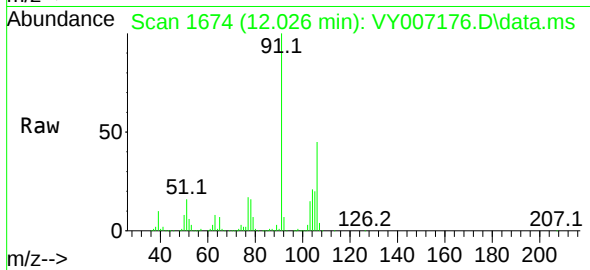
91 210.5 167.1 250.7





#69
o-Xylene
Concen: 53.162 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

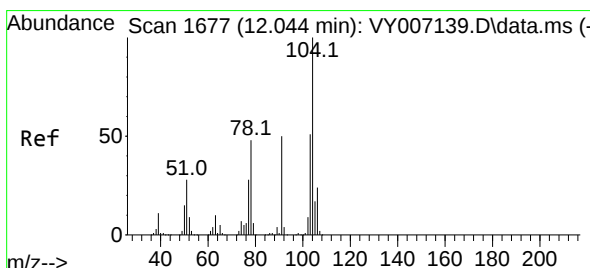
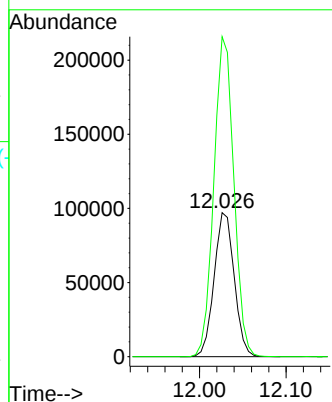
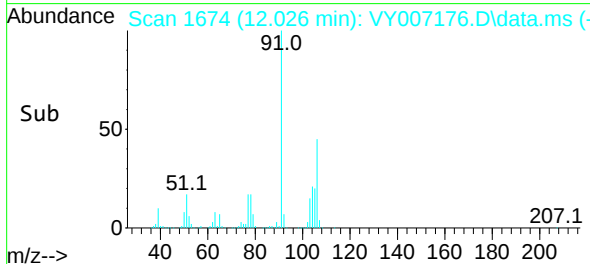
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



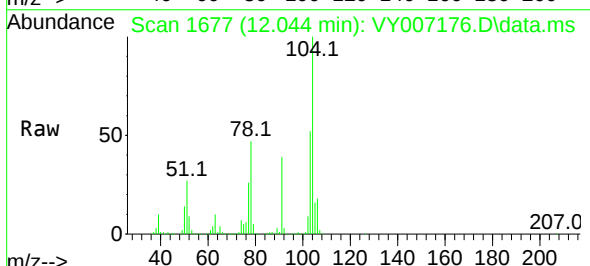
Tgt Ion:106 Resp: 156503
Ion Ratio Lower Upper
106 100
91 220.7 109.9 329.6

Manual Integrations
APPROVED

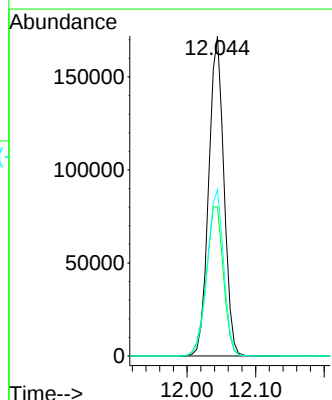
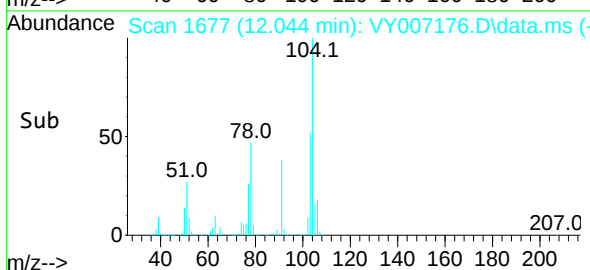
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022

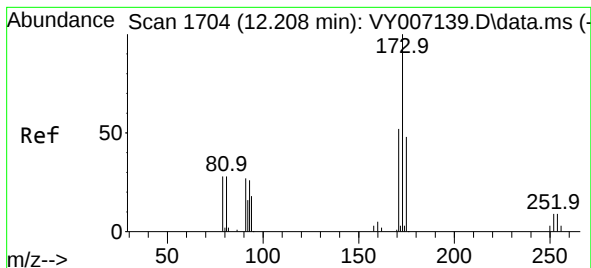


#70
Styrene
Concen: 53.306 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10



Tgt Ion:104 Resp: 264732
Ion Ratio Lower Upper
104 100
78 52.9 41.4 62.0
103 55.9 44.2 66.2





#71

Bromoform

Concen: 59.124 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007176.D

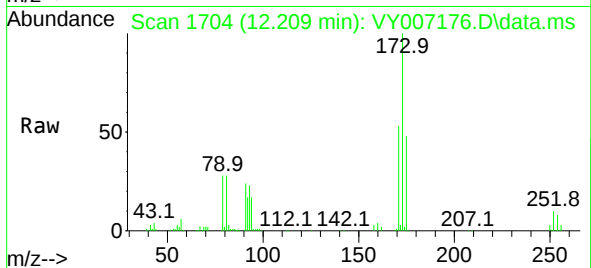
Acq: 14 Jan 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:173 Resp: 56740

Ion Ratio Lower Upper

173 100

175 48.6 24.8 74.3

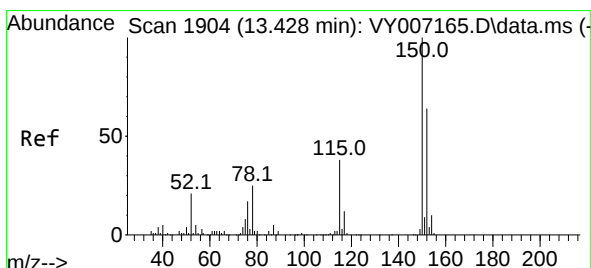
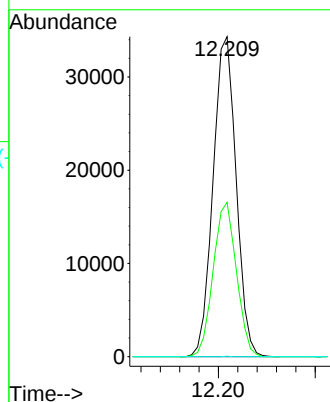
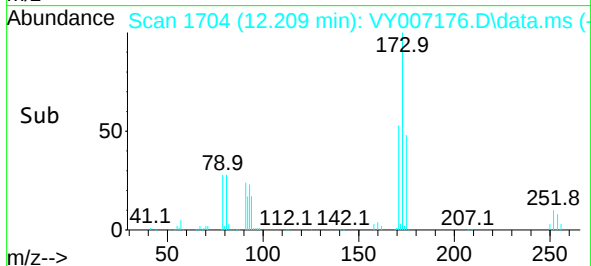
254 0.0 0.0 0.0

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: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

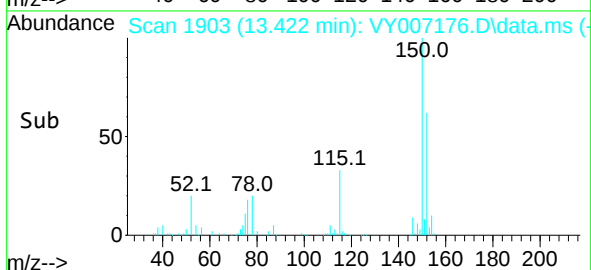
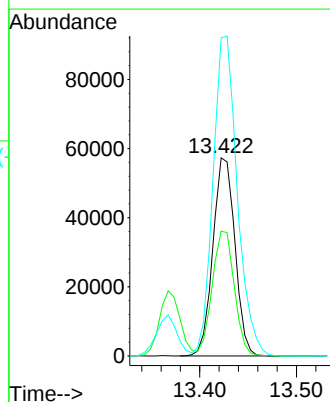
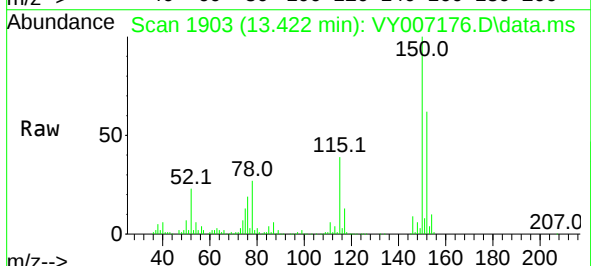
Tgt Ion:152 Resp: 90480

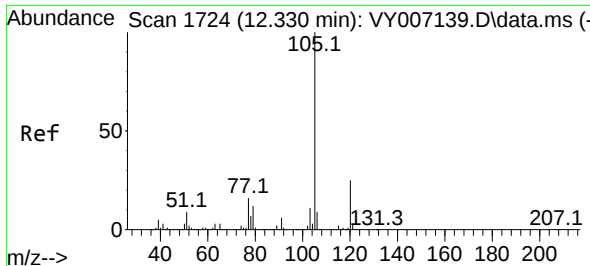
Ion Ratio Lower Upper

152 100

115 63.1 31.4 94.0

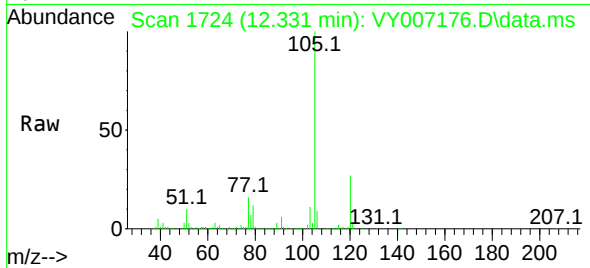
150 178.0 0.0 348.4





#73
Isopropylbenzene
Concen: 52.288 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

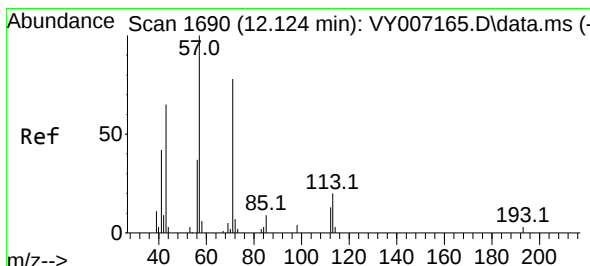
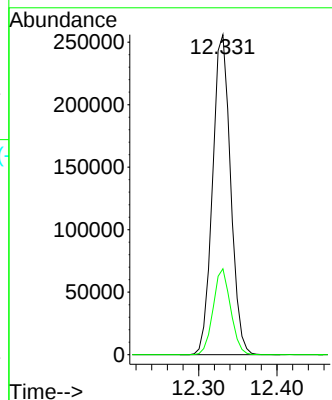
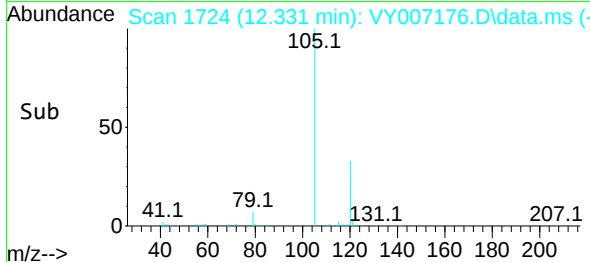
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 40862
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1

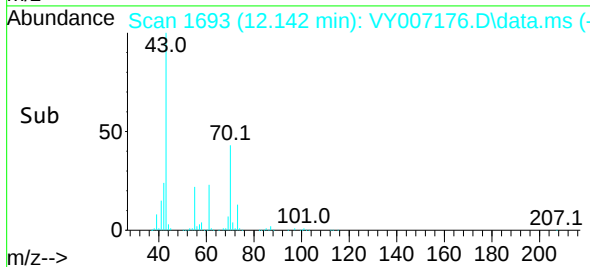
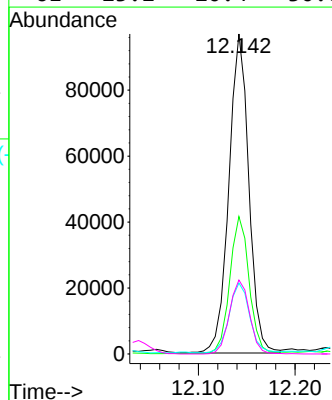
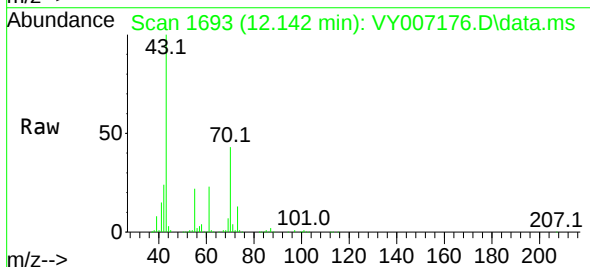
Manual Integrations
APPROVED

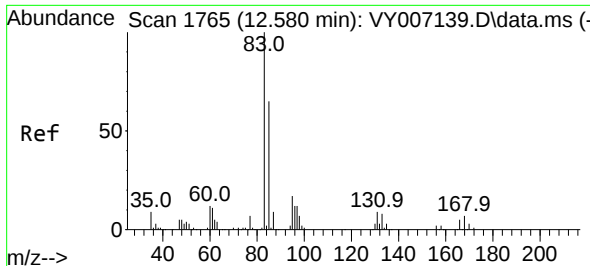
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#74
N-amil acetate
Concen: 66.184 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

Tgt Ion: 43 Resp: 138308
Ion Ratio Lower Upper
43 100
70 41.7 36.2 54.4
55 22.6 19.0 28.4
61 23.2 20.4 30.6





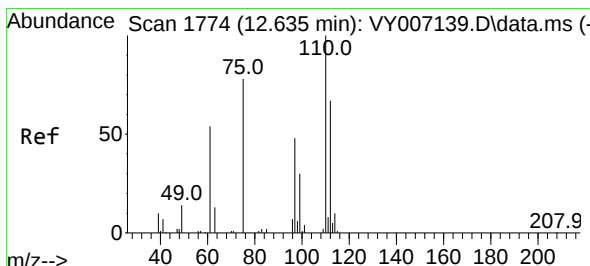
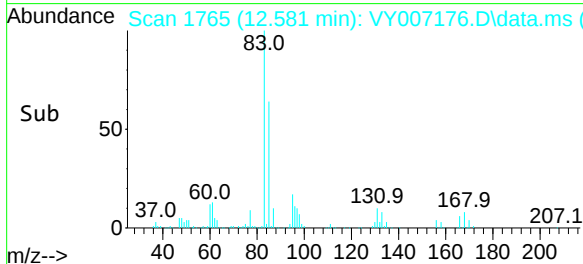
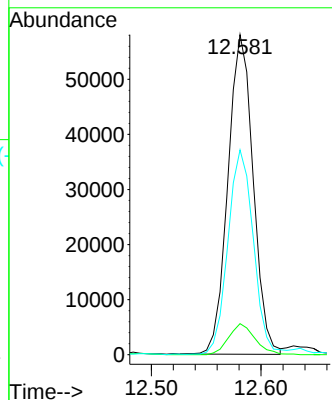
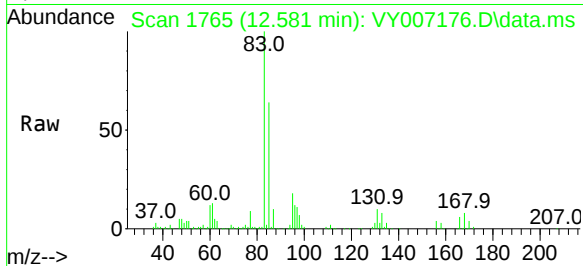
#75
1,1,2,2-Tetrachloroethane
Concen: 61.141 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 92912
Ion Ratio Lower Upper
83 100
131 10.2 5.3 16.1
85 64.4 32.4 97.2

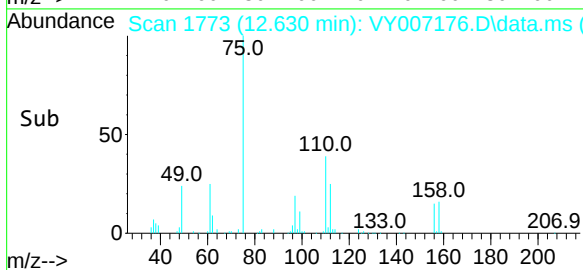
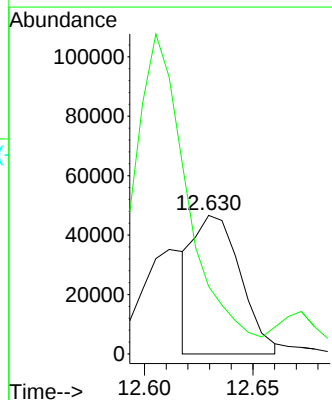
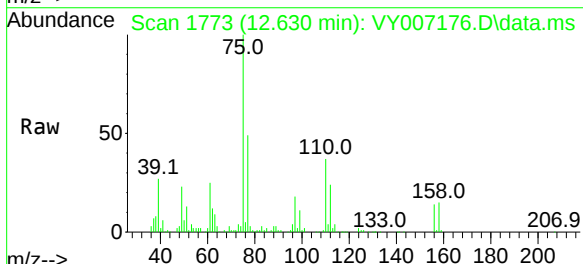
Manual Integrations
APPROVED

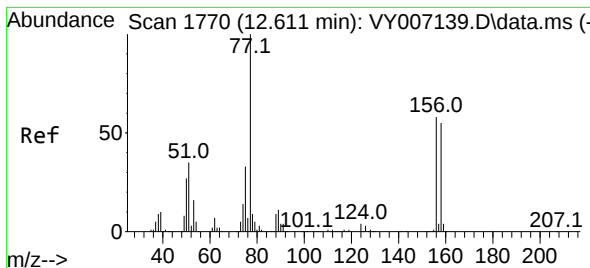
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#76
1,2,3-Trichloropropane
Concen: 68.252 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

Tgt Ion: 75 Resp: 70416
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.115 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

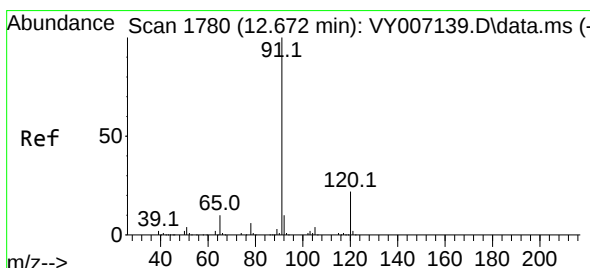
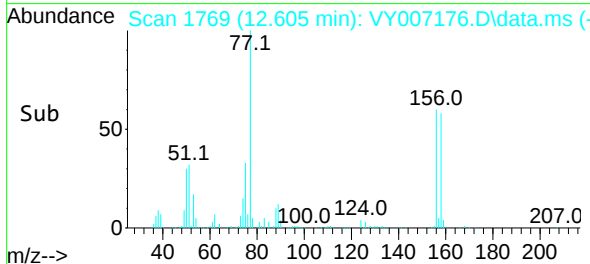
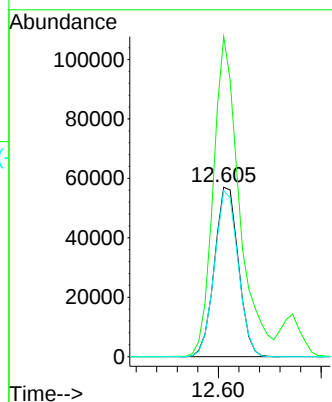
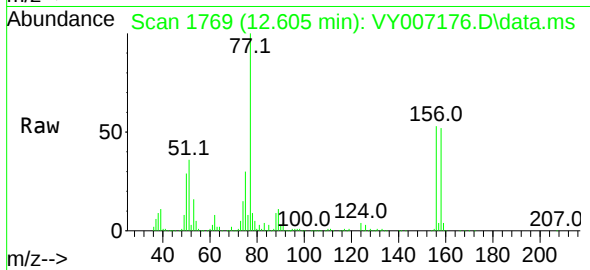
Tgt Ion:	156	Resp:	92019
Ion Ratio	Lower	Upper	
156	100		
77	206.6	98.7	296.1
158	97.2	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#78

n-propylbenzene

Concen: 51.255 ug/l

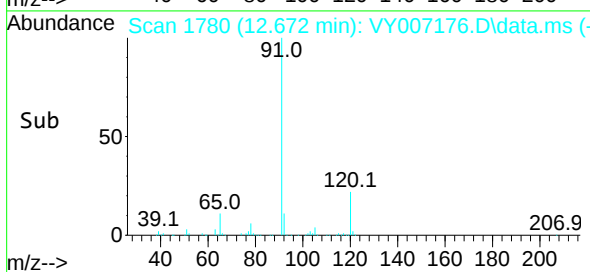
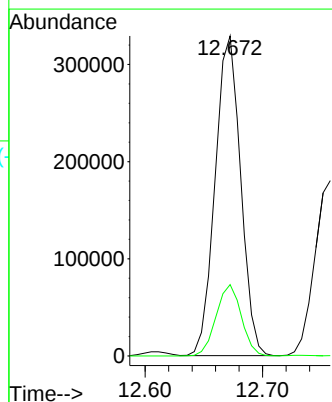
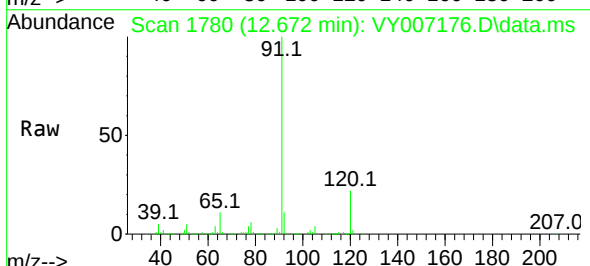
RT: 12.672 min Scan# 1780

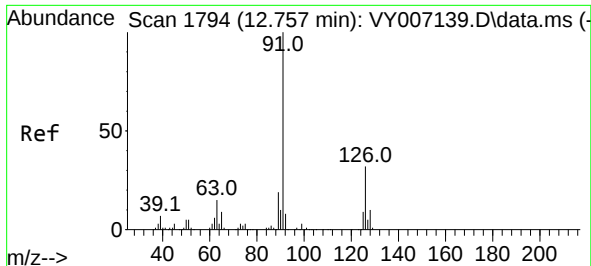
Delta R.T. 0.000 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

Tgt Ion:	91	Resp:	496538
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.2	33.5





#79

2-Chlorotoluene

Concen: 52.753 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 284140

Ion Ratio Lower Upper

91 100

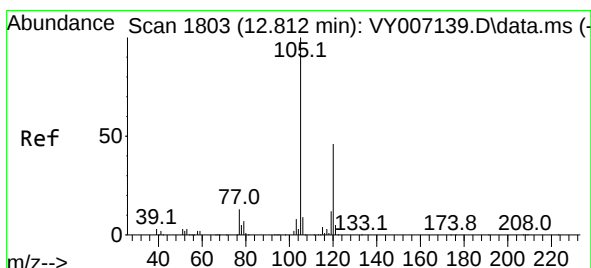
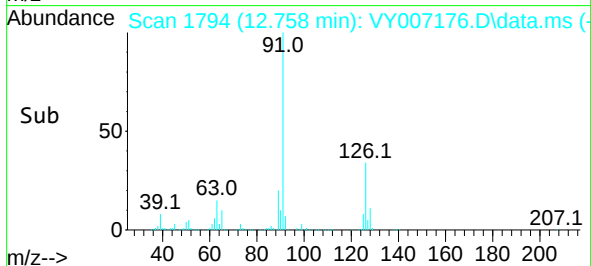
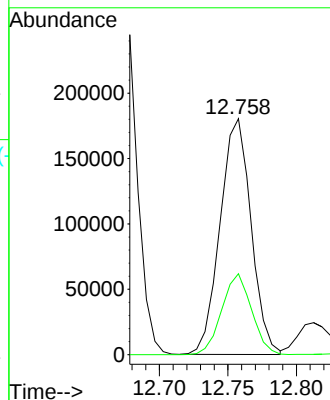
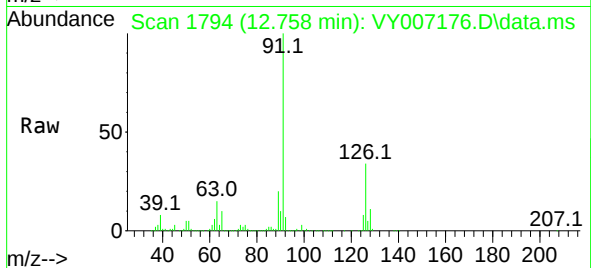
126 33.0 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#80

1,3,5-Trimethylbenzene

Concen: 53.021 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY007176.D

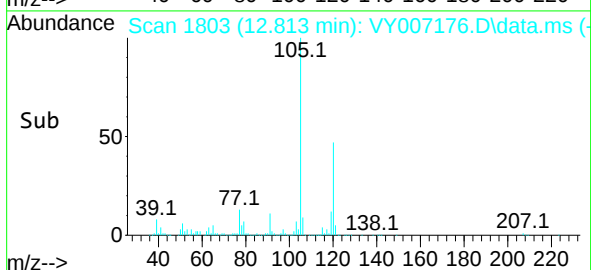
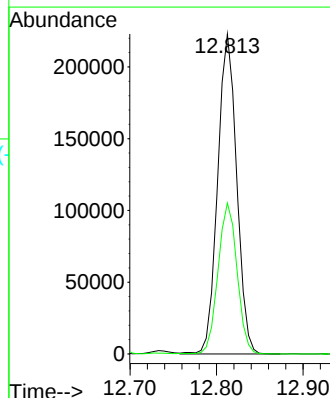
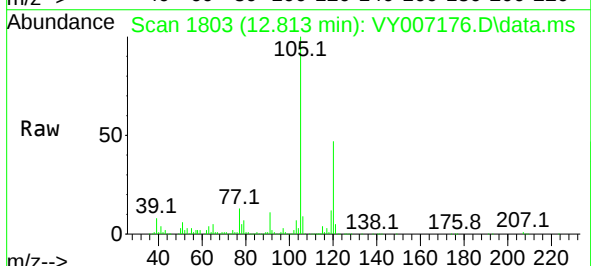
Acq: 14 Jan 2022 19:10

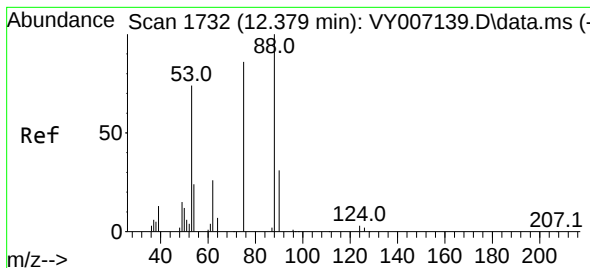
Tgt Ion:105 Resp: 340216

Ion Ratio Lower Upper

105 100

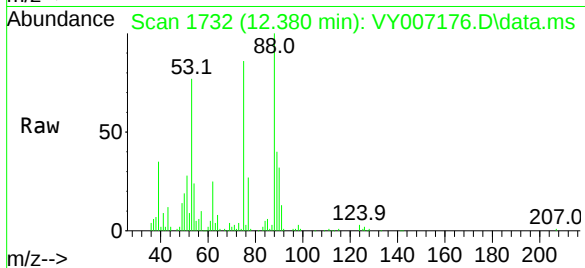
120 47.1 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 60.764 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

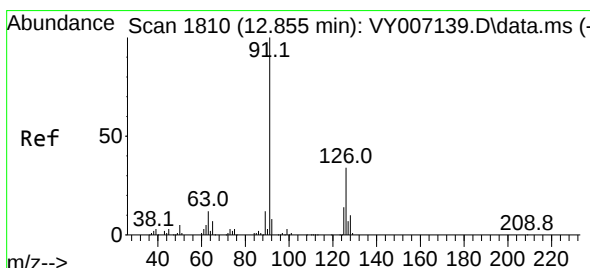
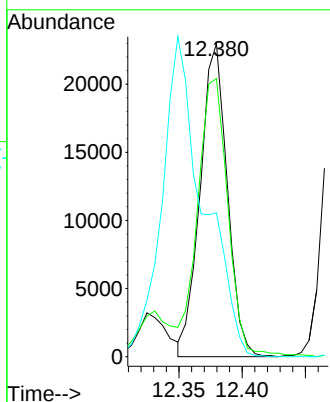
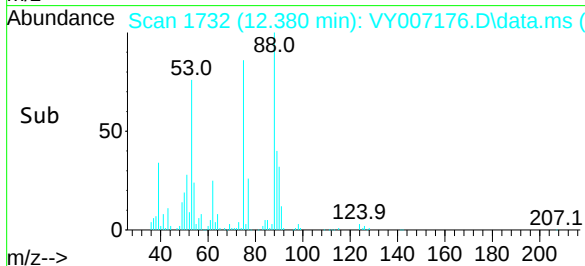
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 34244
Ion Ratio Lower Upper
75 100
53 98.8 73.9 110.9
89 0.0 0.0 0.0

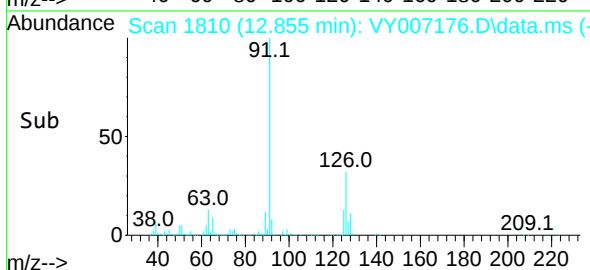
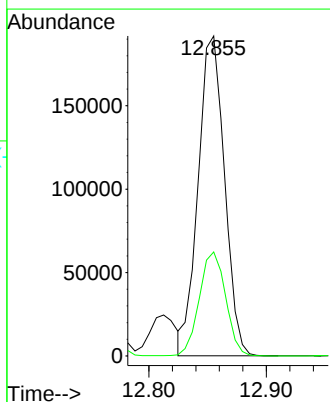
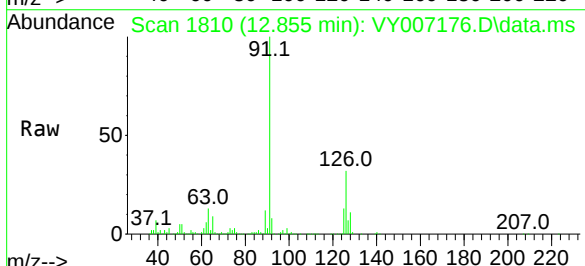
Manual Integrations
APPROVED

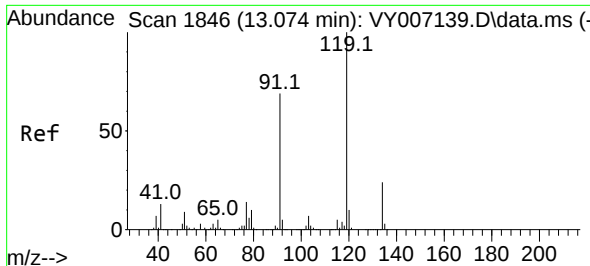
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#82
4-Chlorotoluene
Concen: 53.239 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

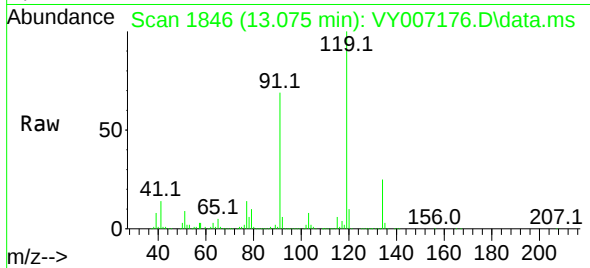
Tgt Ion: 91 Resp: 299130
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.9





#83
tert-Butylbenzene
Concen: 52.370 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

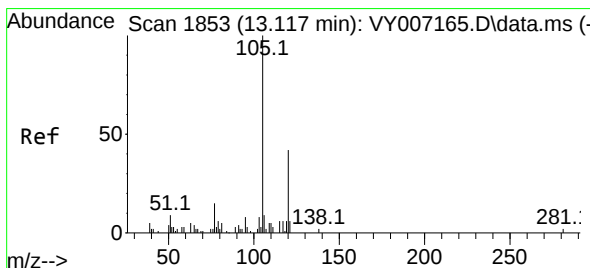
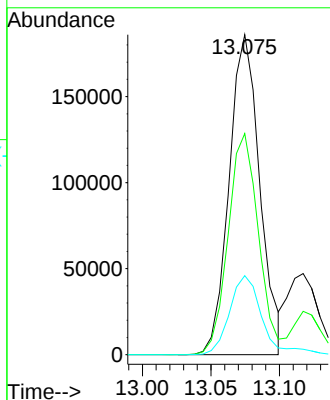
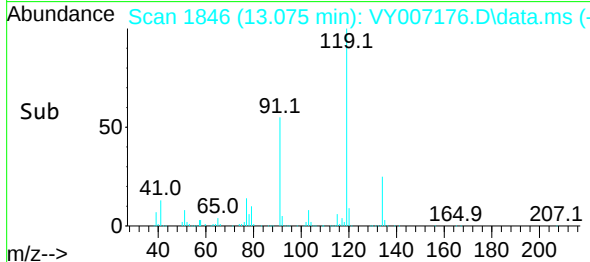
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 290364
Ion Ratio Lower Upper
119 100
91 67.9 33.1 99.5
134 26.1 12.9 38.7

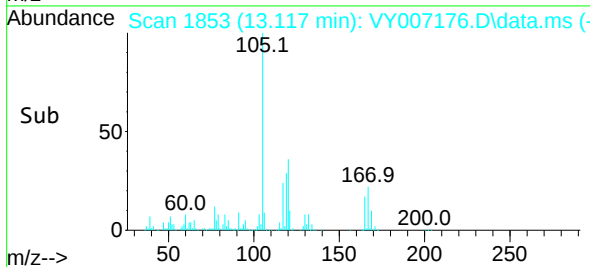
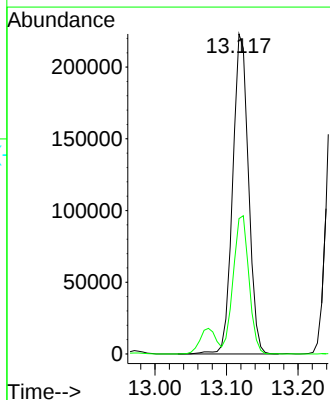
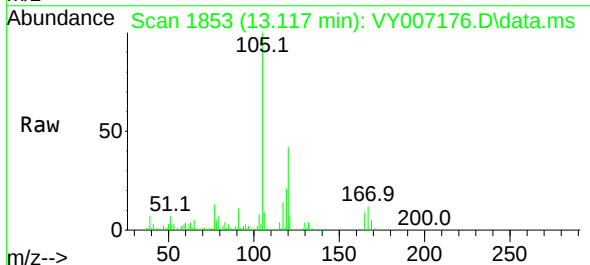
Manual Integrations
APPROVED

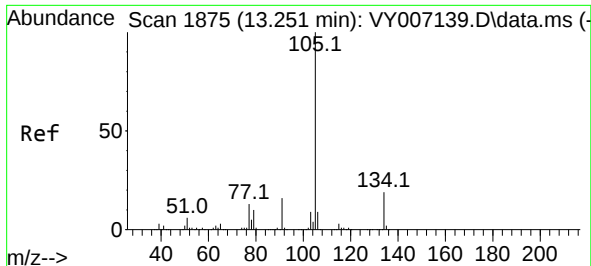
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.681 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

Tgt Ion:105 Resp: 341424
Ion Ratio Lower Upper
105 100
120 43.2 21.6 64.6





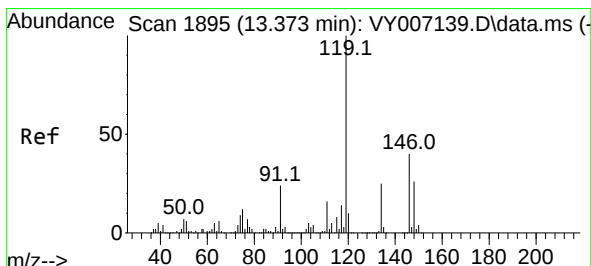
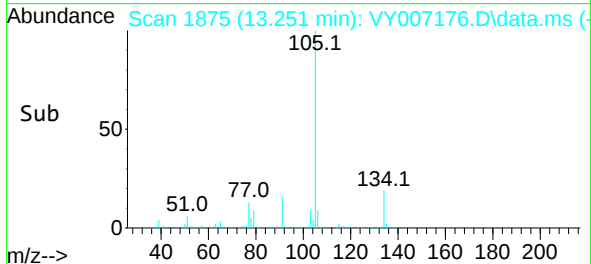
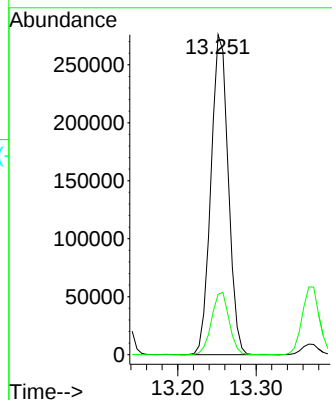
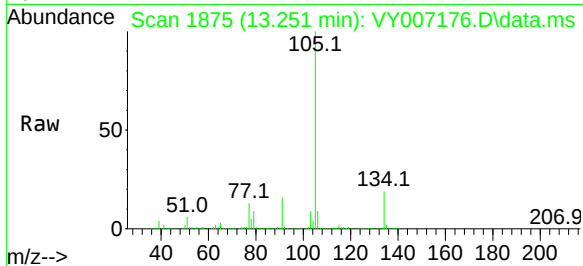
#85
 sec-Butylbenzene
 Concen: 51.081 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007176.D
 Acq: 14 Jan 2022 19:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 42370
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

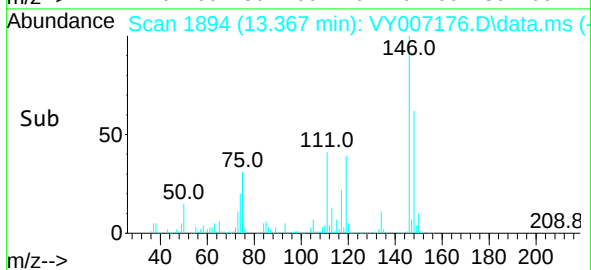
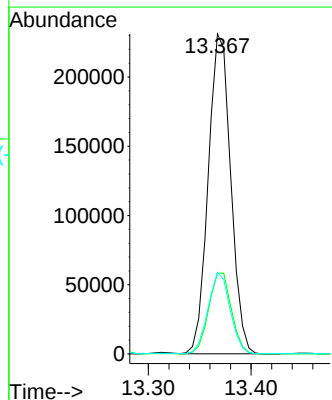
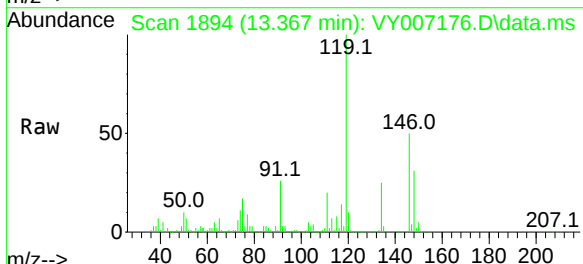
Manual Integrations
 APPROVED

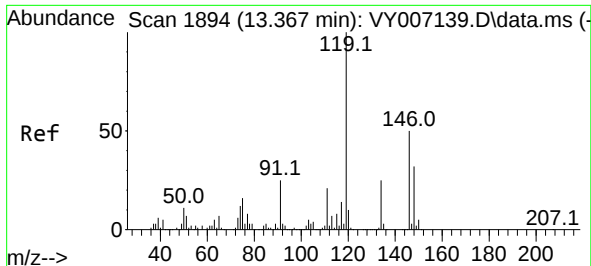
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/17/2022



#86
 p-Isopropyltoluene
 Concen: 51.476 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY007176.D
 Acq: 14 Jan 2022 19:10

Tgt Ion:119 Resp: 350882
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 53.973 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 17964

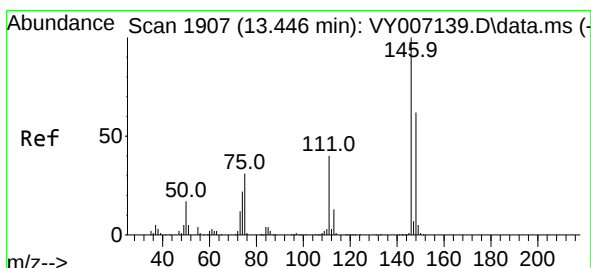
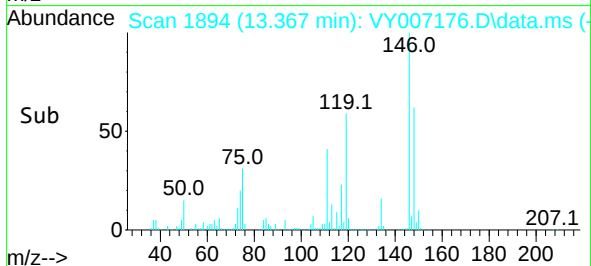
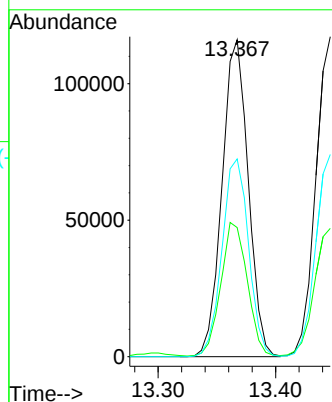
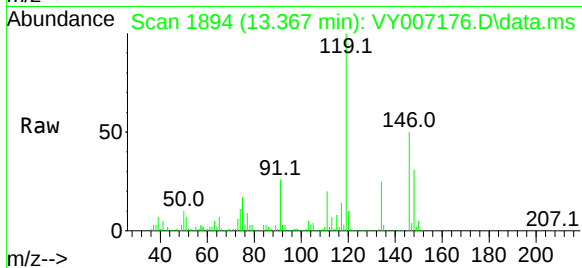
Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.1
148	63.4	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#88

1,4-Dichlorobenzene

Concen: 52.632 ug/l

RT: 13.447 min Scan# 1907

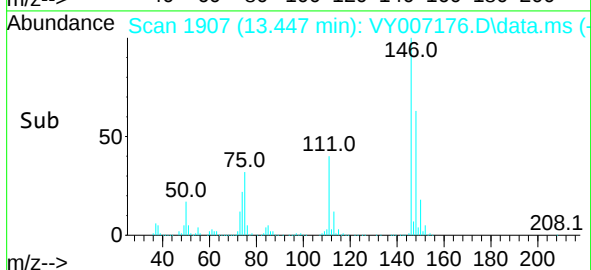
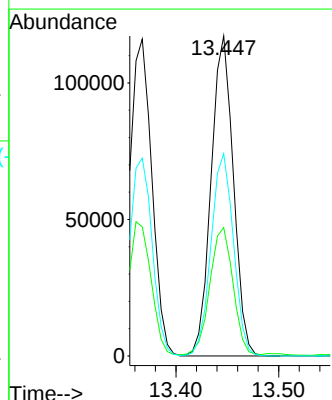
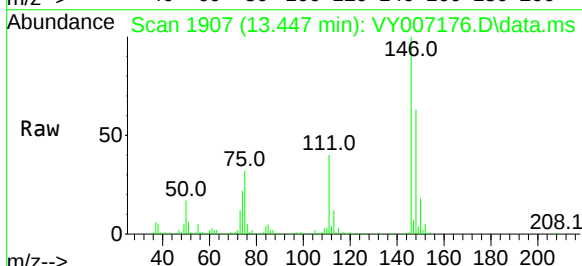
Delta R.T. 0.000 min

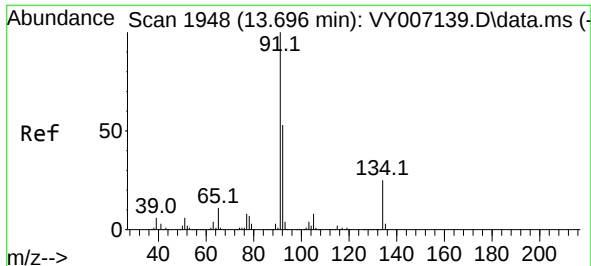
Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

Tgt Ion:146 Resp: 176151

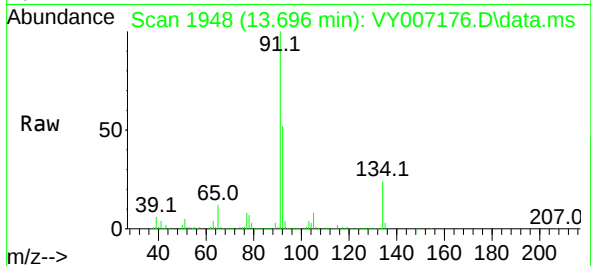
Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.7	62.1
148	63.9	32.0	96.2





#89
n-Butylbenzene
Concen: 51.298 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

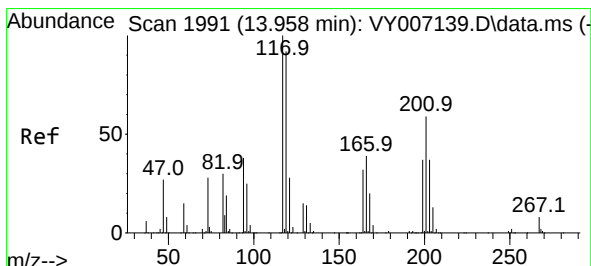
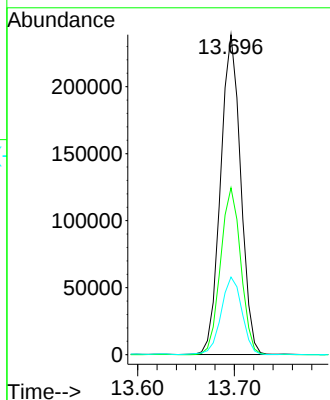
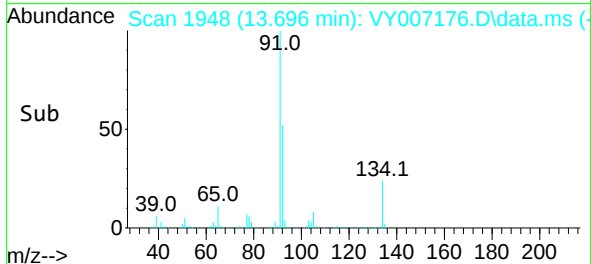
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 344297
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.6
134 25.1 12.6 37.6

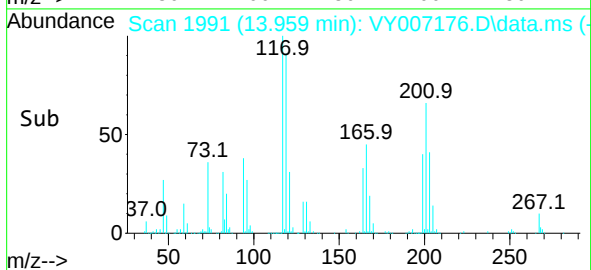
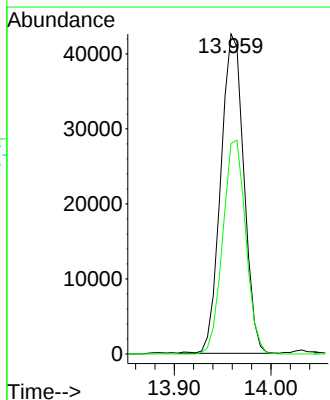
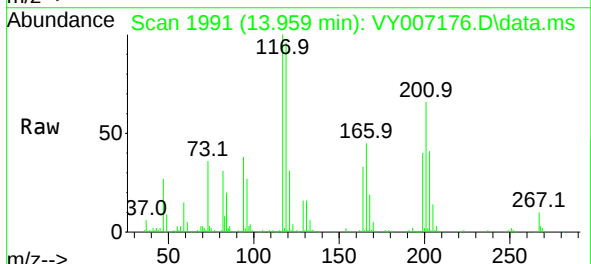
Manual Integrations
APPROVED

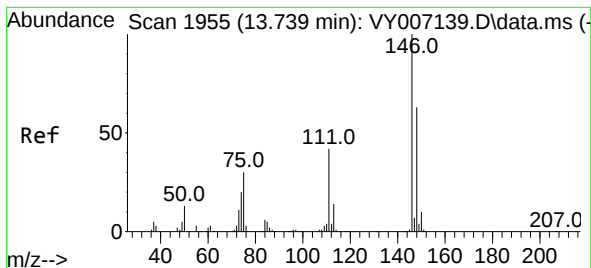
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/17/2022



#90
Hexachloroethane
Concen: 52.860 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007176.D
Acq: 14 Jan 2022 19:10

Tgt Ion:117 Resp: 70442
Ion Ratio Lower Upper
117 100
201 66.8 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 54.046 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 160054

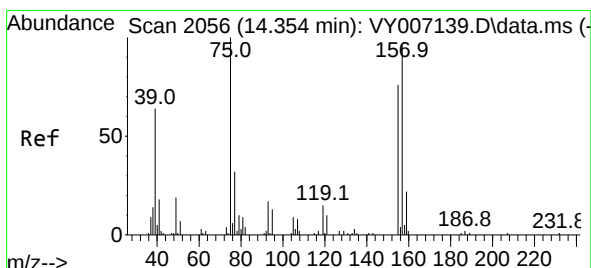
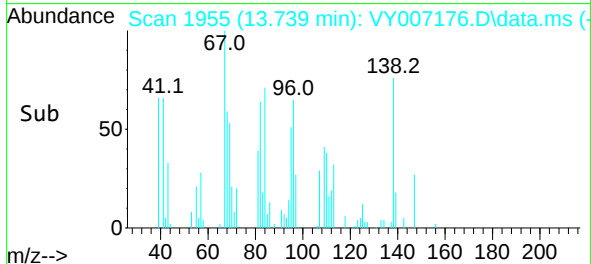
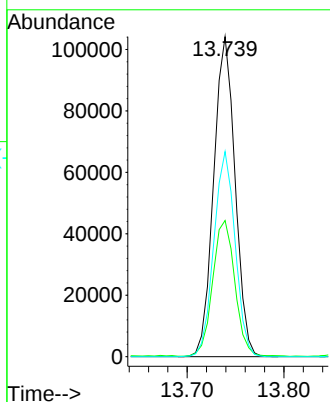
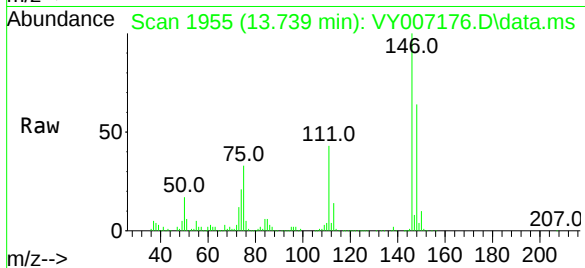
Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.4	64.3
148	63.8	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 65.599 ug/l

RT: 14.355 min Scan# 2056

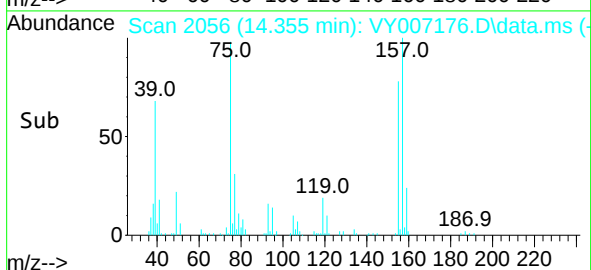
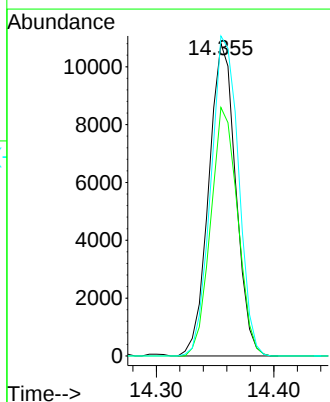
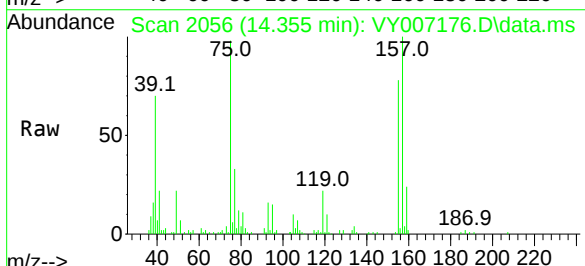
Delta R.T. 0.000 min

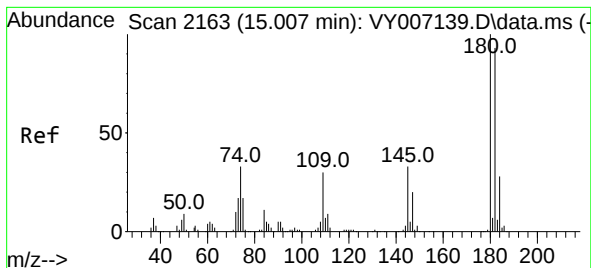
Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

Tgt Ion: 75 Resp: 17217

Ion	Ratio	Lower	Upper
75	100		
155	79.2	40.1	120.2
157	104.7	51.7	155.2





#93

1,2,4-Trichlorobenzene

Concen: 53.679 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

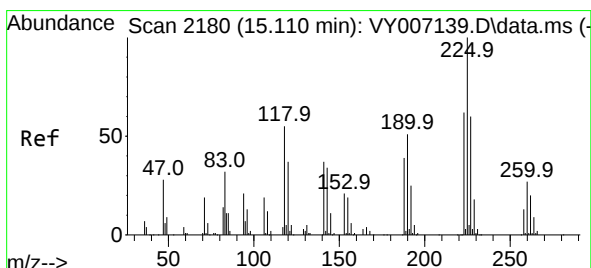
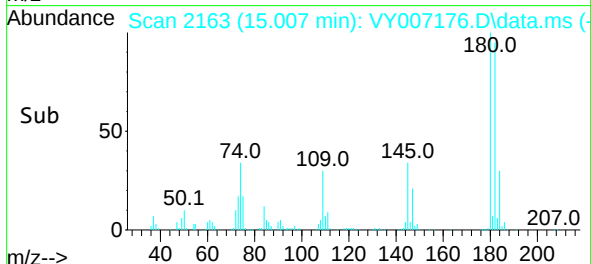
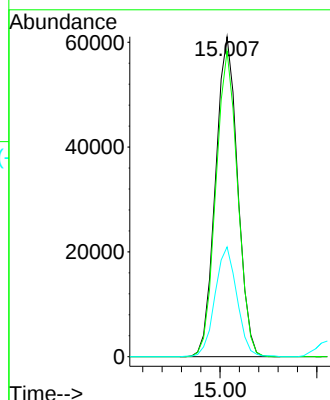
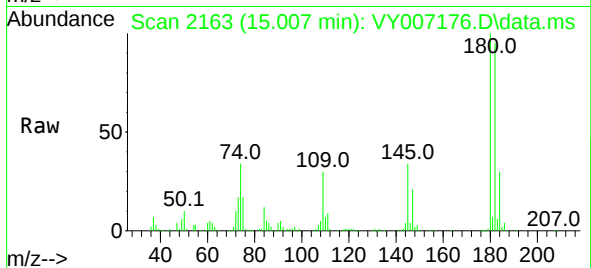
Tgt Ion:180	Resp:	96670
Ion Ratio	Lower	Upper
180	100	
182	94.1	47.6 142.8
145	34.2	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#94

Hexachlorobutadiene

Concen: 48.735 ug/l

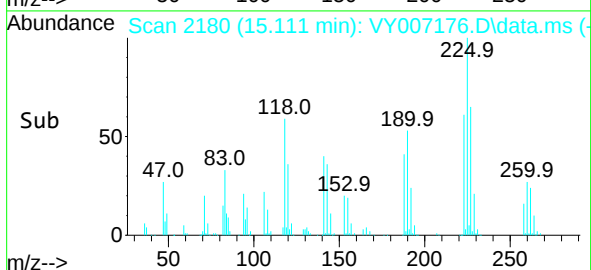
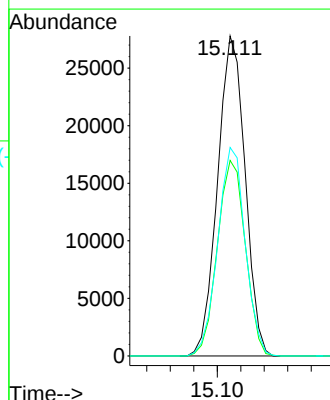
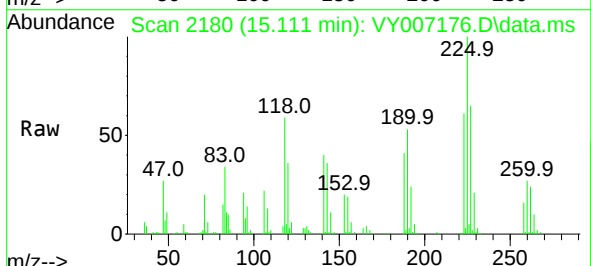
RT: 15.111 min Scan# 2180

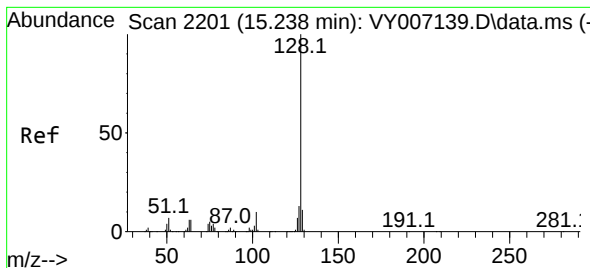
Delta R.T. 0.000 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

Tgt Ion:225	Resp:	45233
Ion Ratio	Lower	Upper
225	100	
223	62.1	32.6 97.8
227	64.9	32.0 96.2





#95

Naphthalene

Concen: 63.233 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 241862

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

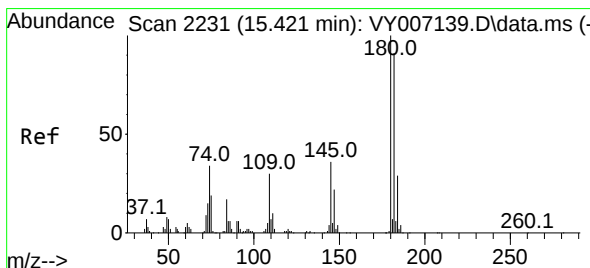
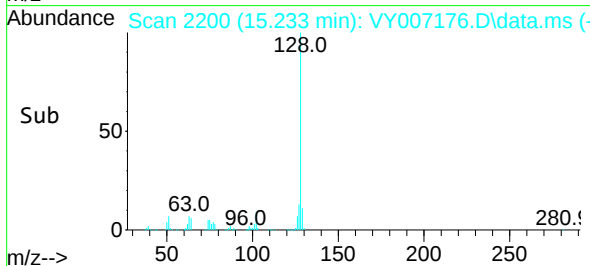
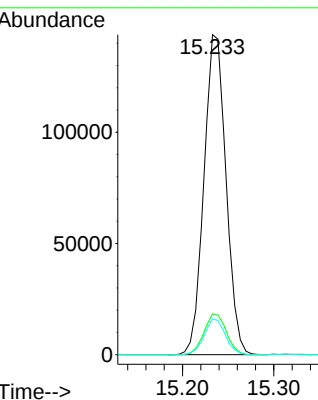
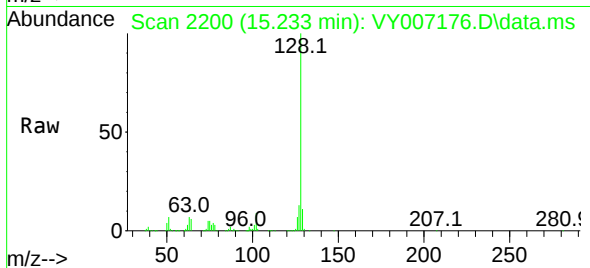
129 10.7 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/17/2022



#96

1,2,3-Trichlorobenzene

Concen: 56.566 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY007176.D

Acq: 14 Jan 2022 19:10

Tgt Ion:180 Resp: 86908

Ion Ratio Lower Upper

180 100

182 91.9 47.3 141.8

145 34.7 17.2 51.5

