

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013122\
 Data File : VY007345.D
 Acq On : 31 Jan 2022 18:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2022
 Supervised By : Mahesh Dadoda 02/02/2022

Quant Time: Feb 01 01:54:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	122036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	209588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	185395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72697	48.549	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.100%		
35) Dibromofluoromethane	7.722	113	69848	49.286	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.580%		
50) Toluene-d8	10.185	98	239703	46.289	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.580%		
62) 4-Bromofluorobenzene	12.483	95	87790	47.659	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.924	85	22923	53.570	ug/l	98
3) Chloromethane	2.119	50	41712	46.483	ug/l	94
4) Vinyl Chloride	2.259	62	65395	50.071	ug/l	97
5) Bromomethane	2.662	94	47169	55.776	ug/l	92
6) Chloroethane	2.802	64	44568	54.692	ug/l	98
7) Trichlorofluoromethane	3.131	101	84849	60.282	ug/l	99
8) Diethyl Ether	3.527	74	43993	56.759	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	72177	52.632	ug/l	98
10) Methyl Iodide	4.094	142	103596	51.075	ug/l	97
11) Tert butyl alcohol	4.948	59	38566	303.079	ug/l	99
12) 1,1-Dichloroethene	3.875	96	68955	49.934	ug/l	96
13) Acrolein	3.741	56	3574	107.218	ug/l	96
14) Allyl chloride	4.485	41	111174	50.210	ug/l	95
15) Acrylonitrile	5.161	53	112157	301.087	ug/l	98
16) Acetone	3.948	43	106339	273.638	ug/l	95
17) Carbon Disulfide	4.198	76	171852	44.813	ug/l	99
18) Methyl Acetate	4.478	43	78069	56.459	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	150843	55.486	ug/l	98
20) Methylene Chloride	4.716	84	80336	49.993	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	75244	50.261	ug/l	96
22) Diisopropyl ether	6.125	45	245768	54.789	ug/l	99
23) Vinyl Acetate	6.064	43	767509	290.944	ug/l	100
24) 1,1-Dichloroethane	6.021	63	147158	53.929	ug/l	99
25) 2-Butanone	6.990	43	145411	289.411	ug/l	99
26) 2,2-Dichloropropane	6.984	77	106061	53.333	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	91143	53.669	ug/l	99
28) Bromochloromethane	7.338	49	57150	57.901	ug/l	95
29) Tetrahydrofuran	7.350	42	96842	299.841	ug/l	98
30) Chloroform	7.508	83	156327	55.138	ug/l	98
31) Cyclohexane	7.789	56	117331	46.348	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	130370	53.798	ug/l	98
36) 1,1-Dichloropropene	7.923	75	112990	49.919	ug/l	99
37) Ethyl Acetate	7.076	43	66352	57.122	ug/l	96
38) Carbon Tetrachloride	7.905	117	120583	50.648	ug/l	99
39) Methylcyclohexane	9.185	83	131256	47.495	ug/l	99
40) Benzene	8.161	78	310793	51.476	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	32064m	47.934	ug/l	
42) 1,2-Dichloroethane	8.240	62	101201	53.228	ug/l	99
43) Isopropyl Acetate	8.277	43	125407	55.484	ug/l	98
44) Trichloroethene	8.941	130	82962	50.778	ug/l	95
45) 1,2-Dichloropropane	9.222	63	80472	52.412	ug/l	94
46) Dibromomethane	9.307	93	47722	52.561	ug/l	98
47) Bromodichloromethane	9.496	83	119981	53.754	ug/l	96
48) Methyl methacrylate	9.295	41	55481	53.967	ug/l	95
49) 1,4-Dioxane	9.301	88	12470	1273.797	ug/l	87
51) 4-Methyl-2-Pentanone	10.075	43	338353	295.237	ug/l	97
52) Toluene	10.246	92	198094	51.761	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	126491	53.684	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	139071	52.729	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	67265	54.619	ug/l	97
56) Ethyl methacrylate	10.514	69	96680	55.724	ug/l	97
57) 1,3-Dichloropropane	10.794	76	116684	54.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	192189	243.609	ug/l	98
59) 2-Hexanone	10.831	43	226551	291.283	ug/l	97
60) Dibromochloromethane	10.989	129	83603	55.223	ug/l	99
61) 1,2-Dibromoethane	11.093	107	65106	53.812	ug/l	100
64) Tetrachloroethene	10.721	164	65707	49.170	ug/l	94
65) Chlorobenzene	11.520	112	212048	52.309	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	81409	54.175	ug/l	98
67) Ethyl Benzene	11.593	91	398685	52.327	ug/l	99
68) m/p-Xylenes	11.703	106	292597	103.341	ug/l	99
69) o-Xylene	12.032	106	136221	51.088	ug/l	97
70) Styrene	12.044	104	241445	53.677	ug/l	99
71) Bromoform	12.209	173	48566	55.874	ug/l #	99
73) Isopropylbenzene	12.331	105	377680	51.454	ug/l	100
74) N-amyl acetate	12.142	43	109487	55.780	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	80005	56.053	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	50800m	52.423	ug/l	
77) Bromobenzene	12.611	156	83051	51.999	ug/l	98
78) n-propylbenzene	12.672	91	464790	51.081	ug/l	100
79) 2-Chlorotoluene	12.757	91	259270	51.248	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	308621	51.208	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	29141	55.054	ug/l #	99
82) 4-Chlorotoluene	12.855	91	270540	51.264	ug/l	100
83) tert-Butylbenzene	13.074	119	268076	51.477	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	305307	51.107	ug/l	99
85) sec-Butylbenzene	13.257	105	398590	51.161	ug/l	99
86) p-Isopropyltoluene	13.373	119	328994	51.386	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	160747	51.419	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	161524	51.383	ug/l	99
89) n-Butylbenzene	13.696	91	327820	52.002	ug/l	99
90) Hexachloroethane	13.958	117	65878	52.632	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	142805	51.340	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13245	53.729	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	88223	52.157	ug/l	99
94) Hexachlorobutadiene	15.111	225	44755	51.339	ug/l	100
95) Naphthalene	15.239	128	197272	54.910	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	75669	52.436	ug/l	99

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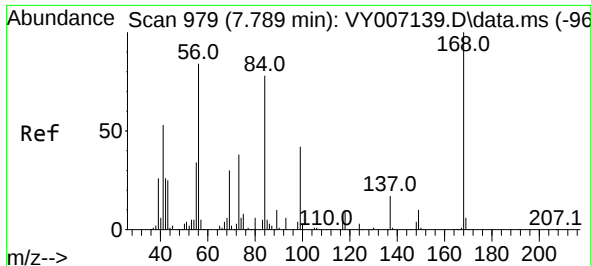
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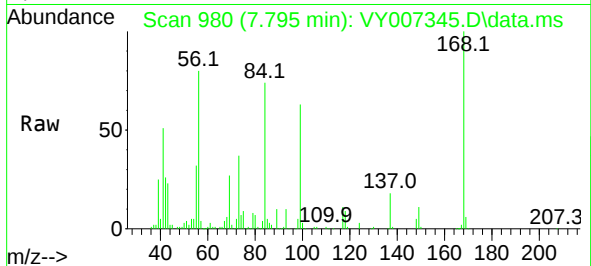
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
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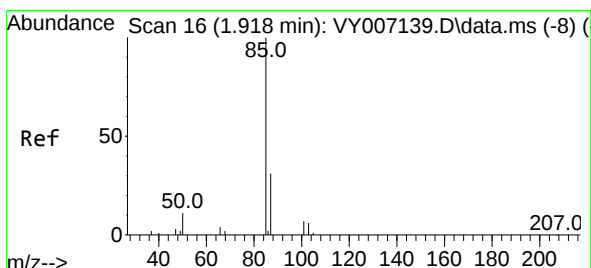
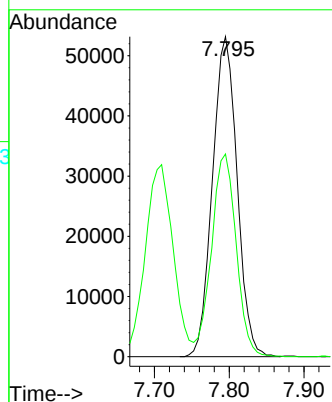
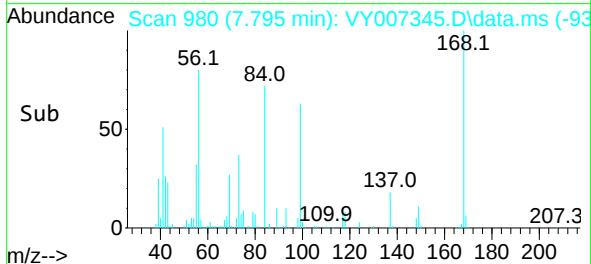
Instrument :
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Tgt Ion:168 Resp: 122030
Ion Ratio Lower Upper
168 100
99 63.1 49.1 73.7

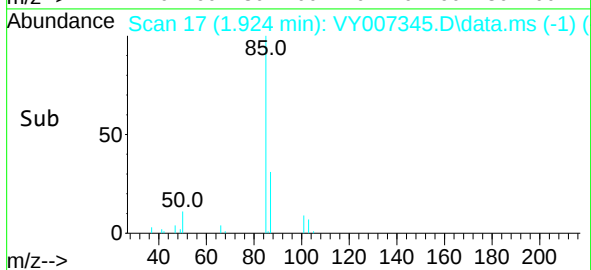
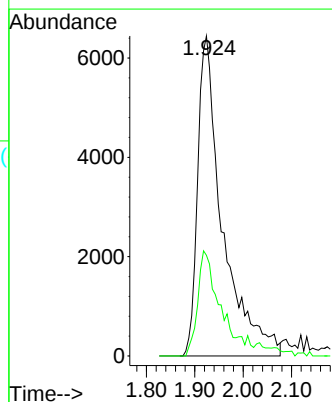
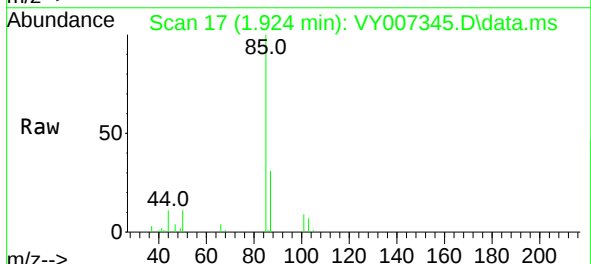
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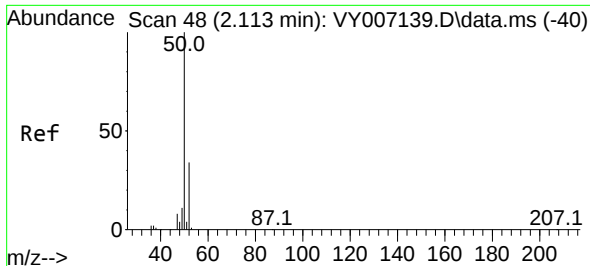
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#2
Dichlorodifluoromethane
Concen: 53.570 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

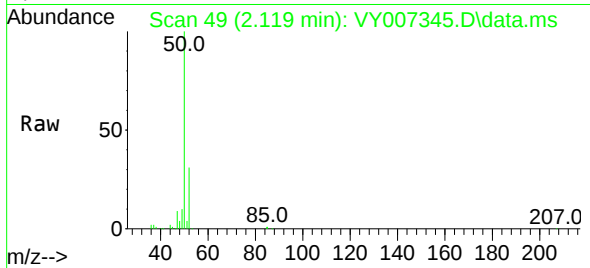
Tgt Ion: 85 Resp: 22923
Ion Ratio Lower Upper
85 100
87 31.5 15.2 45.6





#3
Chloromethane
Concen: 46.483 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

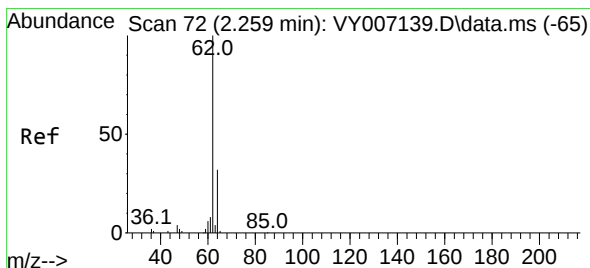
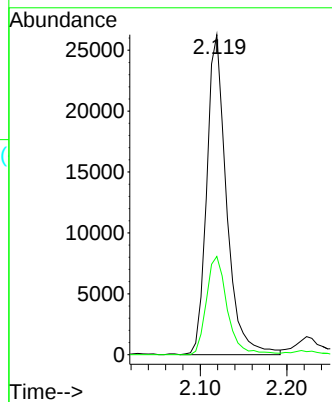
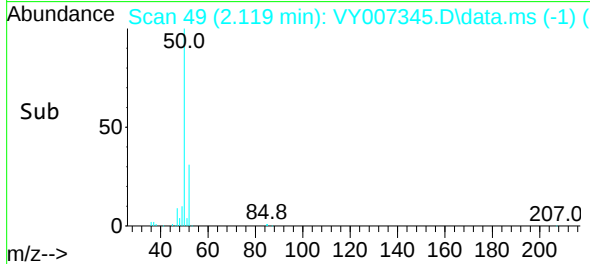
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Tgt Ion: 50 Resp: 41712
Ion Ratio Lower Upper
50 100
52 30.7 27.1 40.7

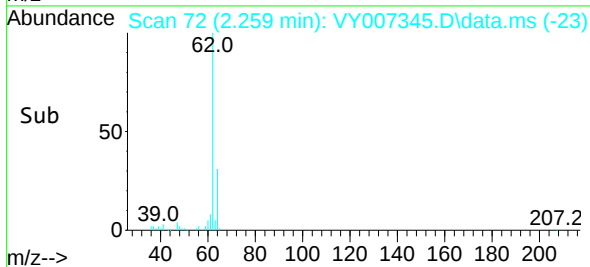
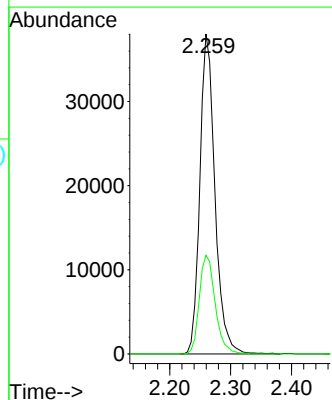
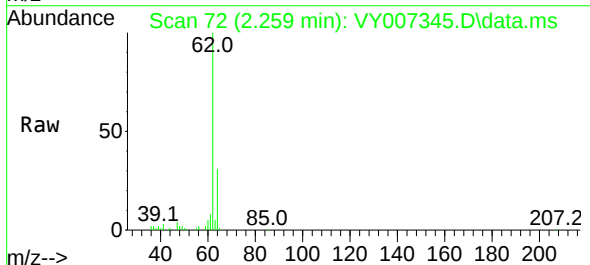
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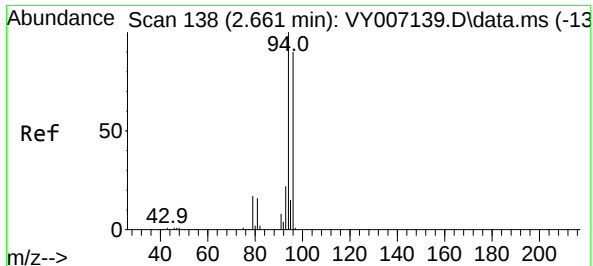
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#4
Vinyl Chloride
Concen: 50.071 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

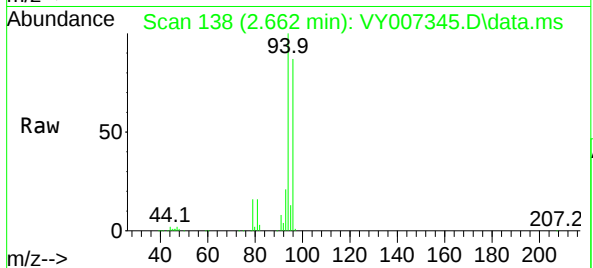
Tgt Ion: 62 Resp: 65395
Ion Ratio Lower Upper
62 100
64 30.9 26.1 39.1





#5
Bromomethane
Concen: 55.776 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

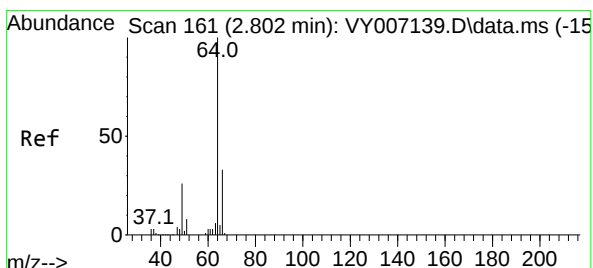
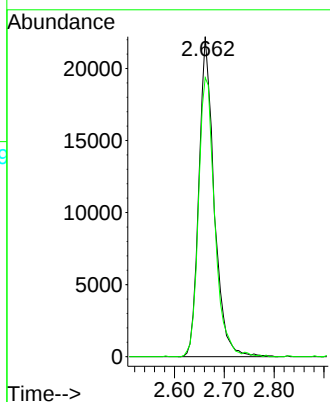
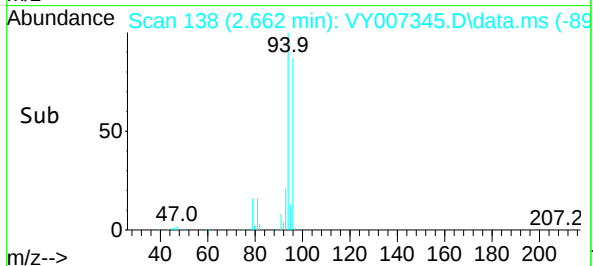
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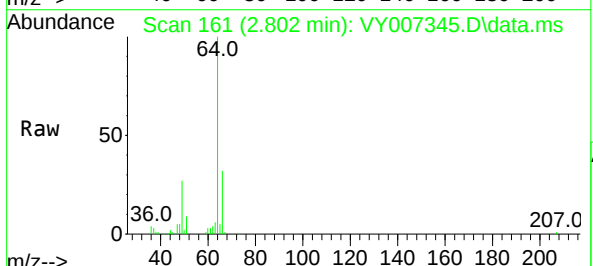
Tgt Ion: 94 Resp: 47169
Ion Ratio Lower Upper
94 100
96 87.2 75.8 113.6

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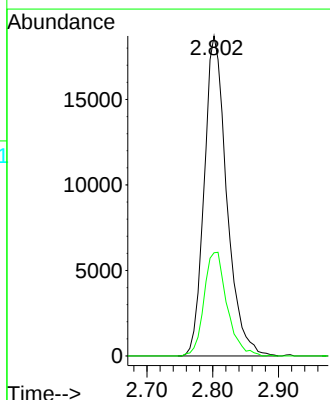
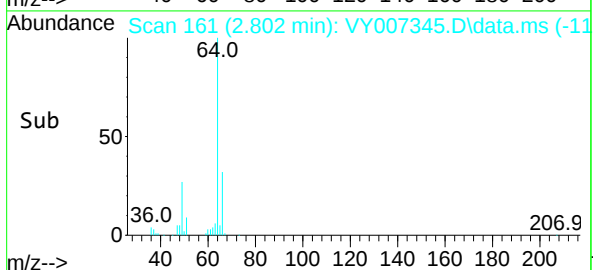
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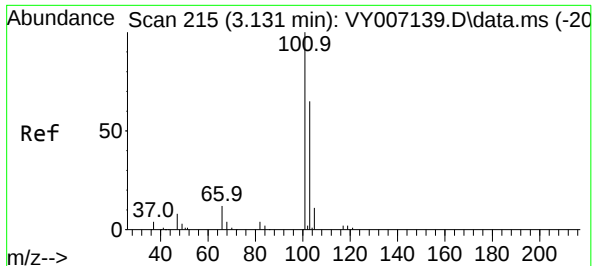


#6
Chloroethane
Concen: 54.692 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY007345.D
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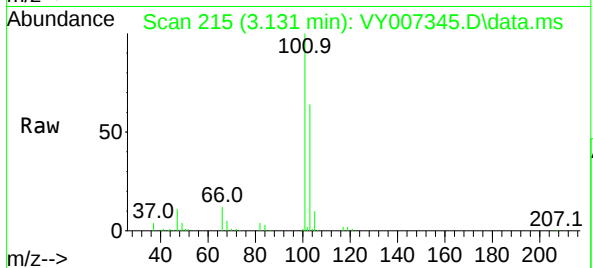
Tgt Ion: 64 Resp: 44568
Ion Ratio Lower Upper
64 100
66 32.3 24.8 37.2





#7
 Trichlorofluoromethane
 Concen: 60.282 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
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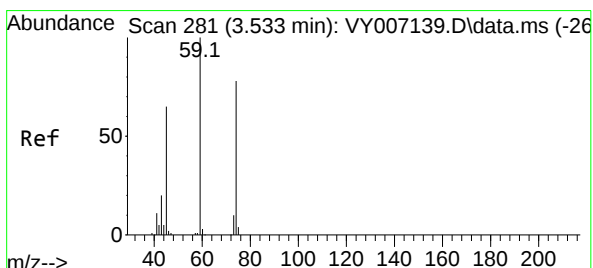
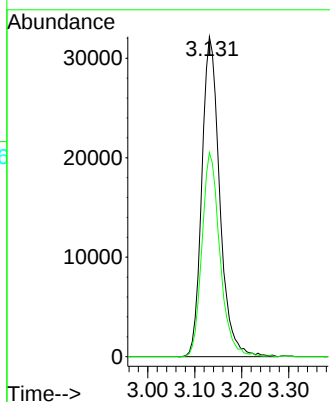
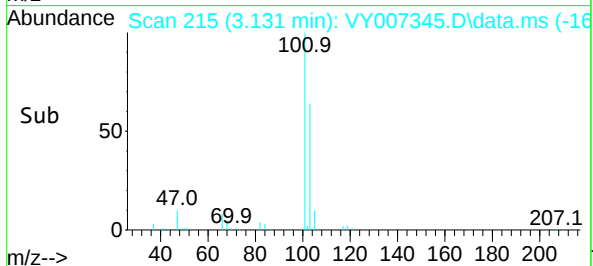
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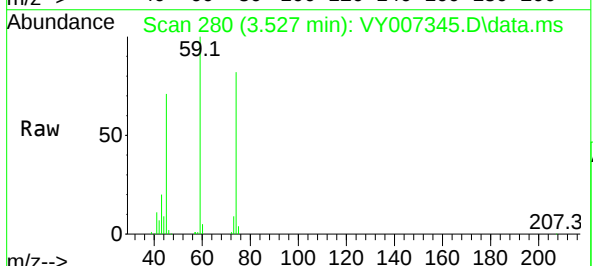
Tgt Ion:101 Resp: 84849
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.6 76.0

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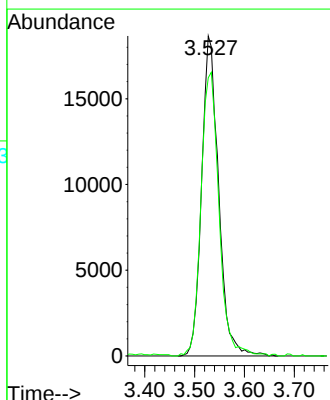
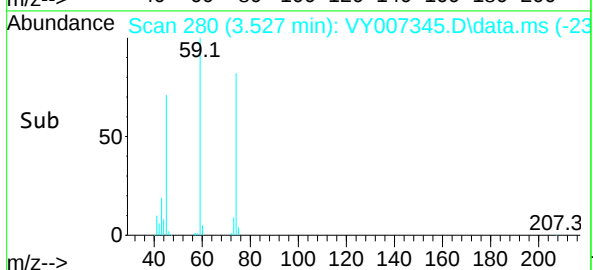
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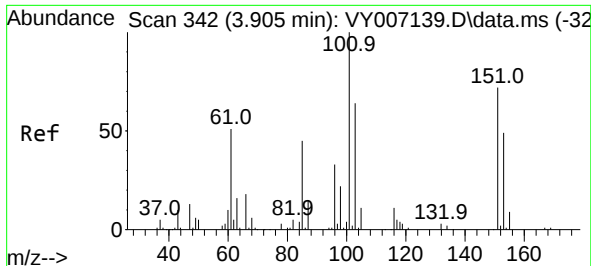


#8
 Diethyl Ether
 Concen: 56.759 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY007345.D
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Tgt Ion: 74 Resp: 43993
 Ion Ratio Lower Upper
 74 100
 45 94.4 46.1 138.3





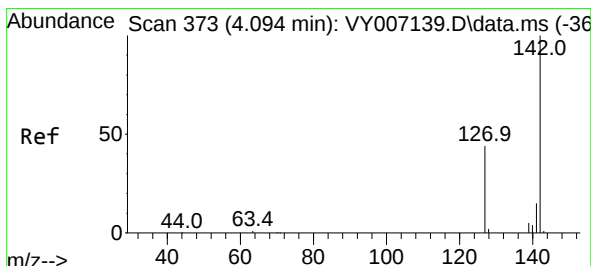
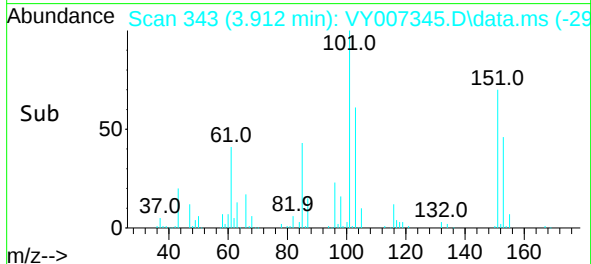
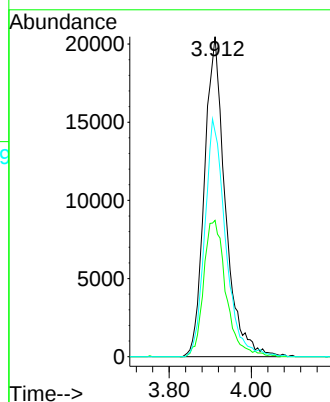
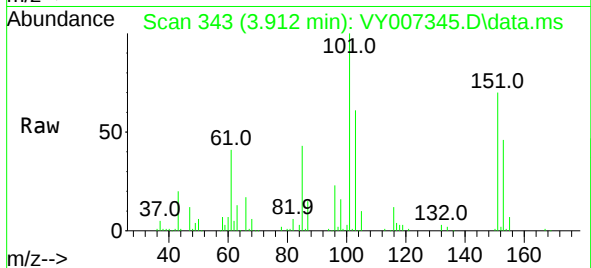
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.632 ug/l
RT: 3.912 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7217
Ion Ratio Lower Upper
101 100
85 45.5 35.4 53.0
151 74.0 60.4 90.6

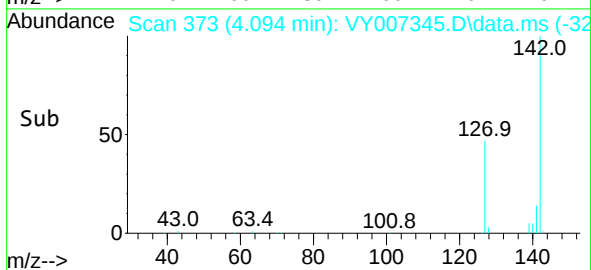
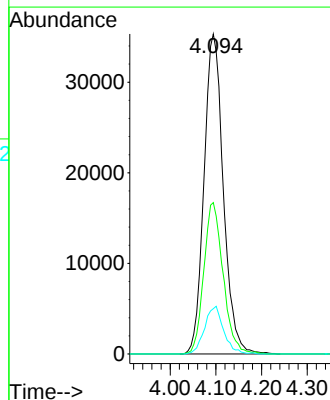
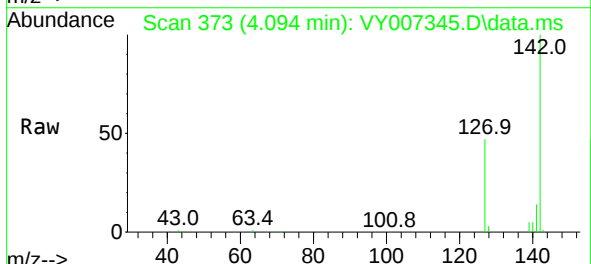
Manual Integrations
APPROVED

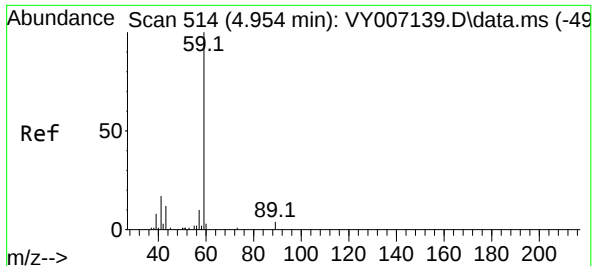
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#10
Methyl Iodide
Concen: 51.075 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

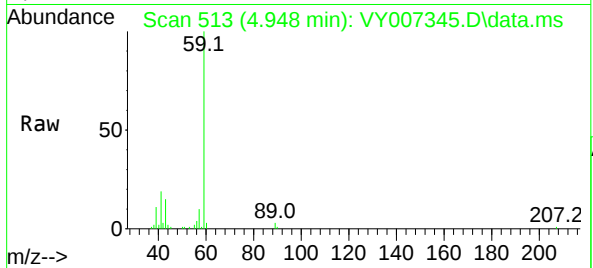
Tgt Ion:142 Resp: 103596
Ion Ratio Lower Upper
142 100
127 47.4 36.2 54.4
141 14.7 11.5 17.3





#11
Tert butyl alcohol
Concen: 303.079 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

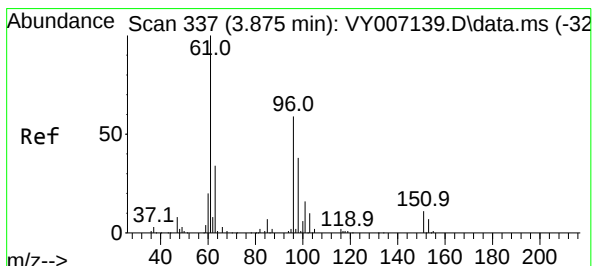
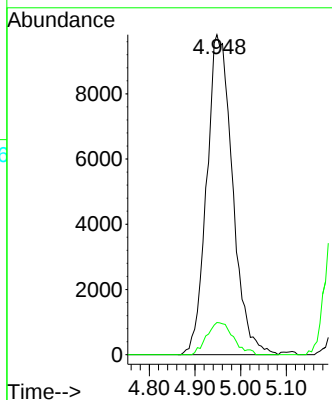
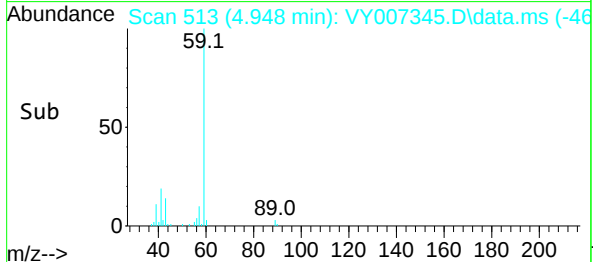
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



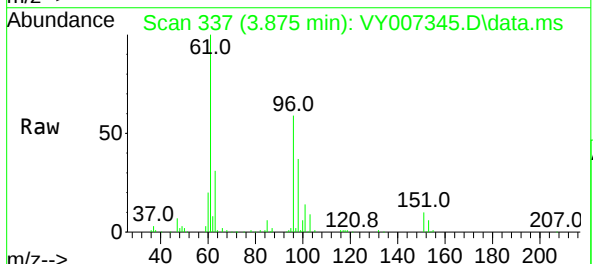
Tgt Ion: 59 Resp: 3856
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

Manual Integrations
APPROVED

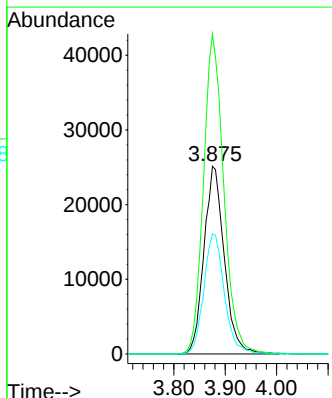
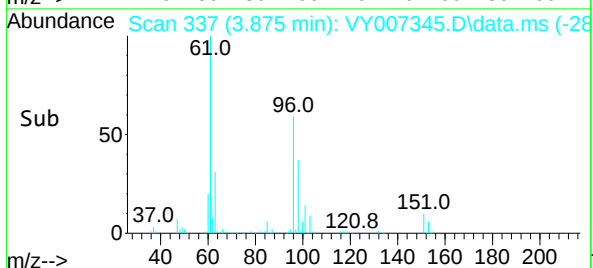
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

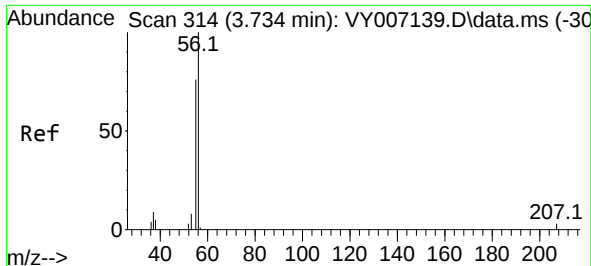


#12
1,1-Dichloroethene
Concen: 49.934 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



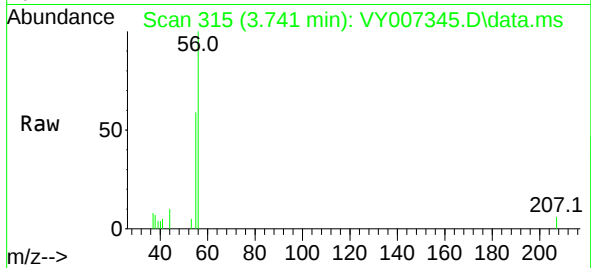
Tgt Ion: 96 Resp: 68955
Ion Ratio Lower Upper
96 100
61 170.6 131.9 197.9
98 63.9 52.7 79.1





#13
Acrolein
Concen: 107.218 ug/l
RT: 3.741 min Scan# 314
Delta R.T. 0.007 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

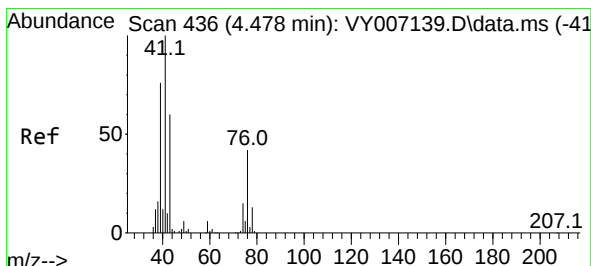
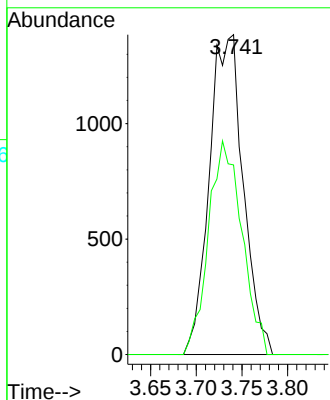
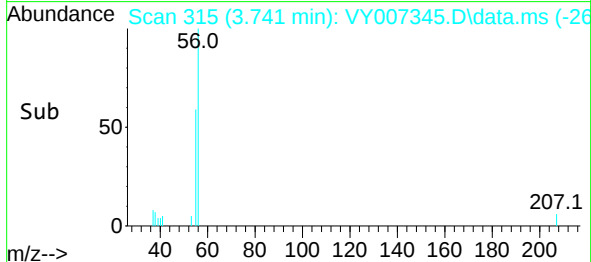
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 3574
Ion Ratio Lower Upper
56 100
55 66.0 55.7 83.5

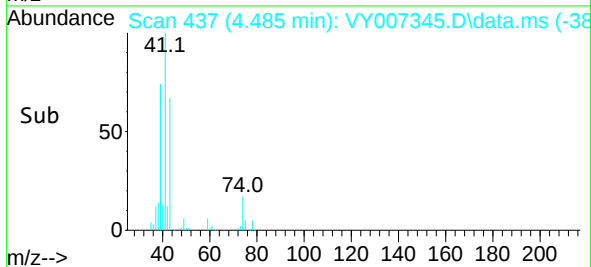
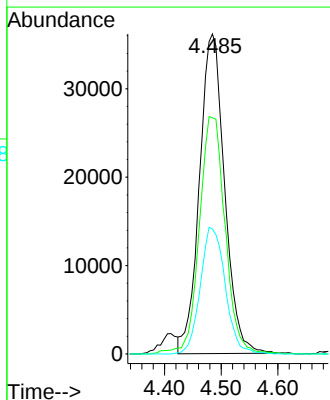
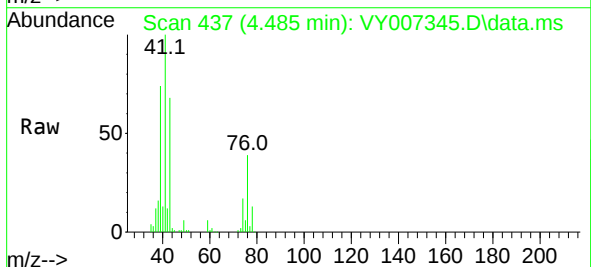
Manual Integrations
APPROVED

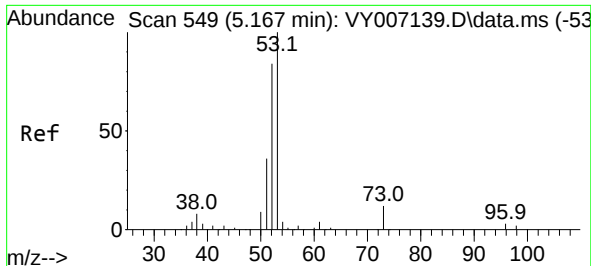
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#14
Allyl chloride
Concen: 50.210 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

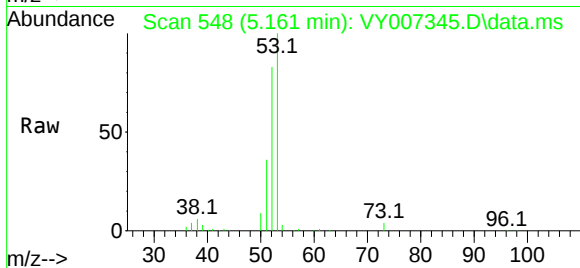
Tgt Ion: 41 Resp: 111174
Ion Ratio Lower Upper
41 100
39 76.4 56.1 84.1
76 39.4 31.4 47.2





#15
Acrylonitrile
Concen: 301.087 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

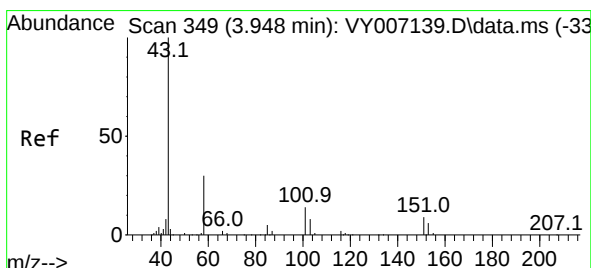
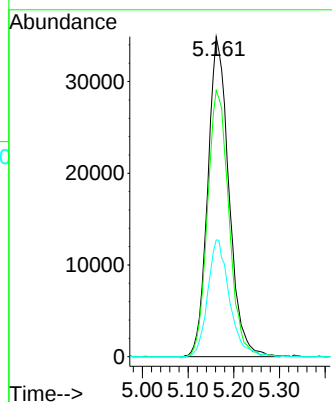
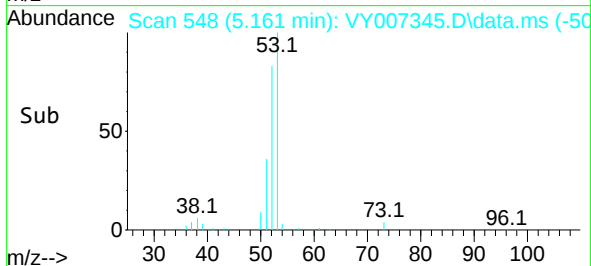
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



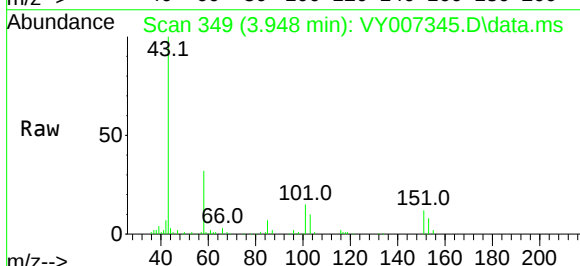
Tgt Ion: 53 Resp: 11215
Ion Ratio Lower Upper
53 100
52 84.3 65.4 98.2
51 37.6 29.4 44.2

Manual Integrations
APPROVED

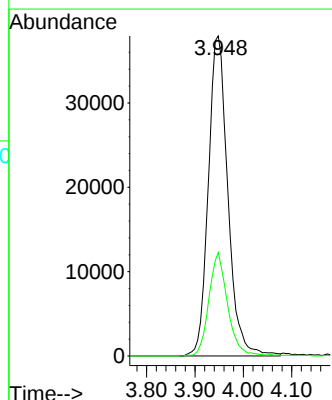
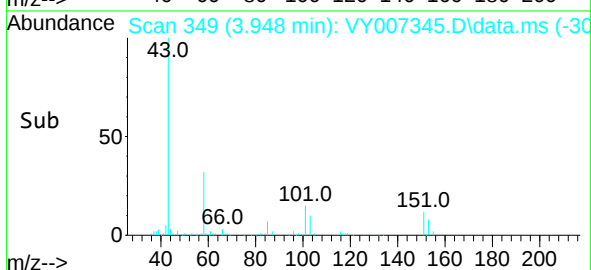
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

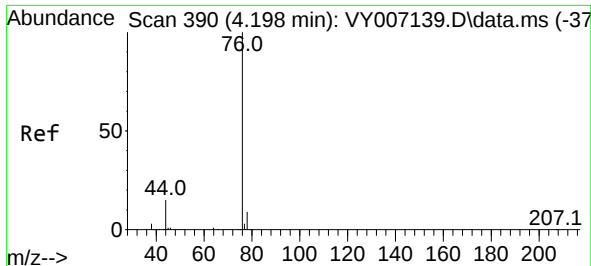


#16
Acetone
Concen: 273.638 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



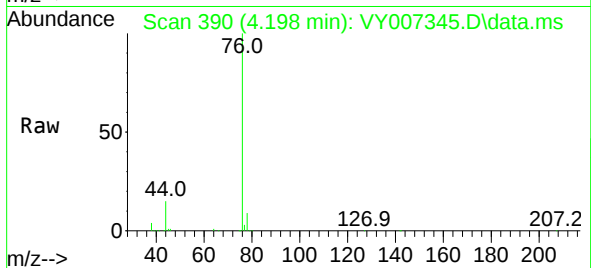
Tgt Ion: 43 Resp: 106339
Ion Ratio Lower Upper
43 100
58 32.4 23.8 35.6





#17
Carbon Disulfide
Concen: 44.813 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

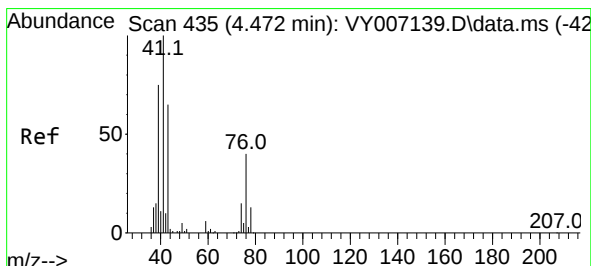
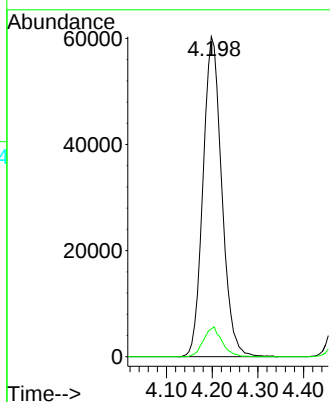
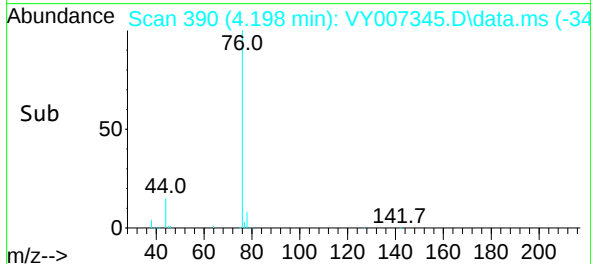
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



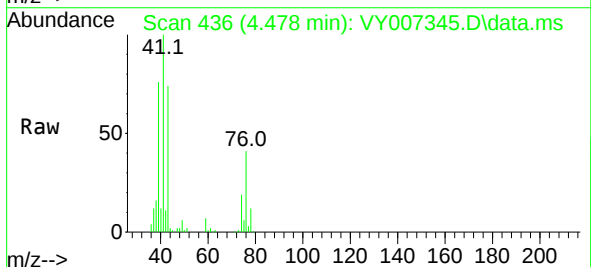
Tgt Ion: 76 Resp: 171852
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

Manual Integrations
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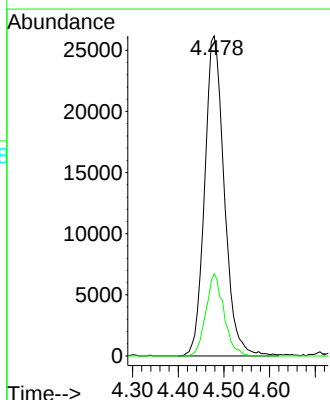
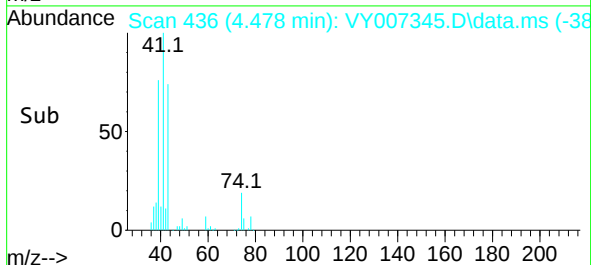
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#18
Methyl Acetate
Concen: 56.459 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



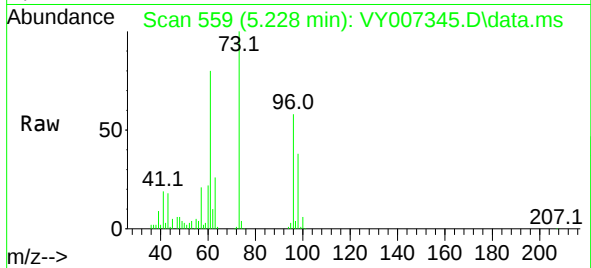
Tgt Ion: 43 Resp: 78069
Ion Ratio Lower Upper
43 100
74 23.5 20.9 31.3





#19
Methyl tert-butyl Ether
Concen: 55.486 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

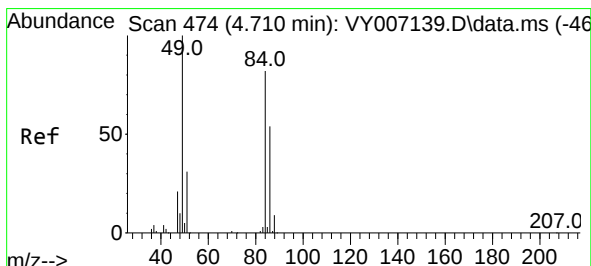
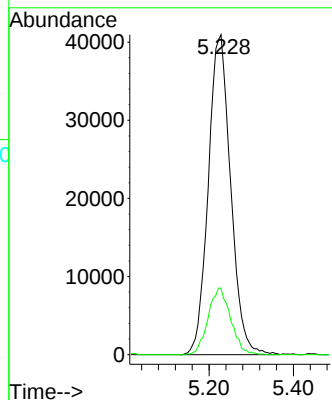
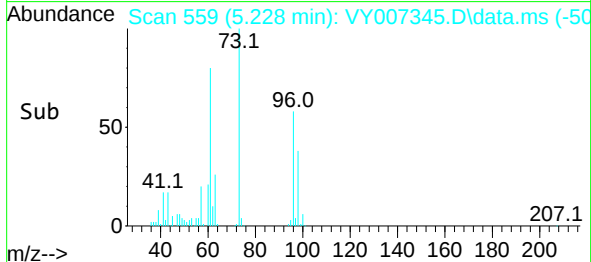
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



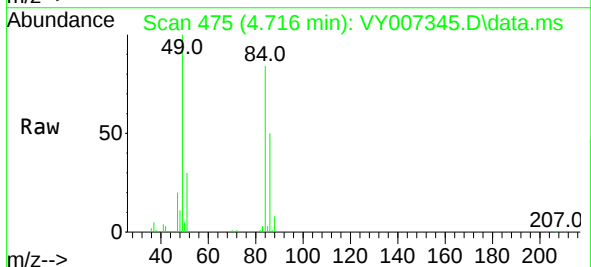
Tgt Ion: 73 Resp: 15084
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.2

Manual Integrations
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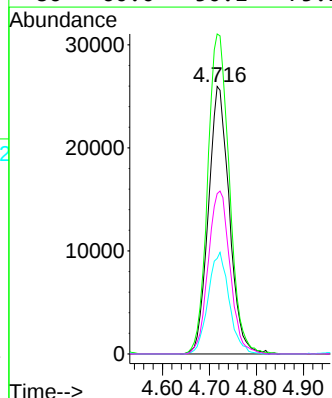
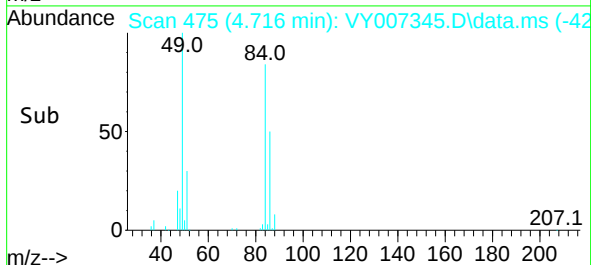
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

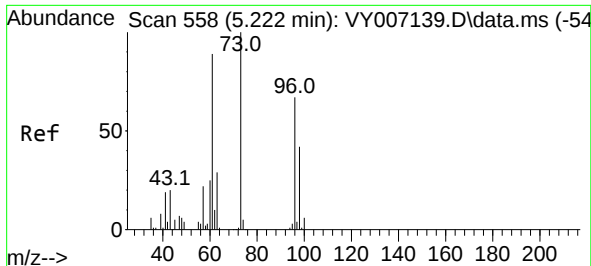


#20
Methylene Chloride
Concen: 49.993 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



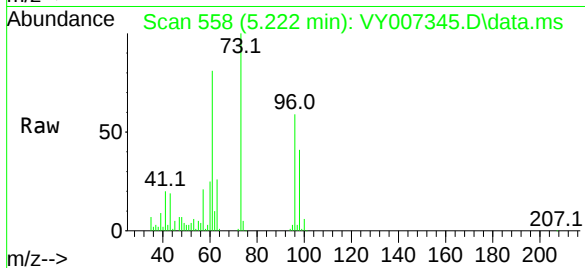
Tgt Ion: 84 Resp: 80336
Ion Ratio Lower Upper
84 100
49 119.6 92.6 139.0
51 35.7 28.6 42.8
86 60.0 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 50.261 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

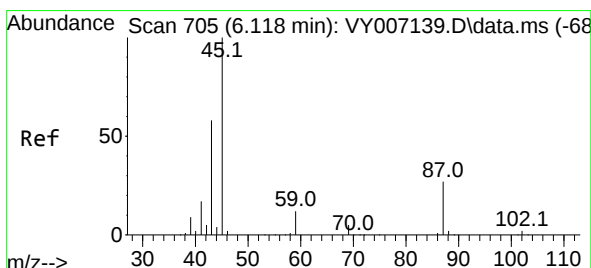
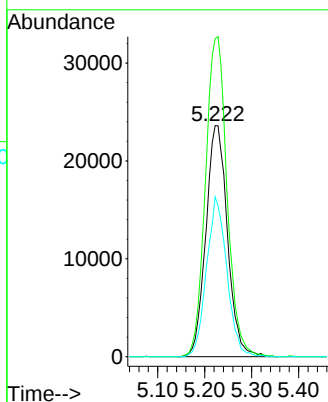
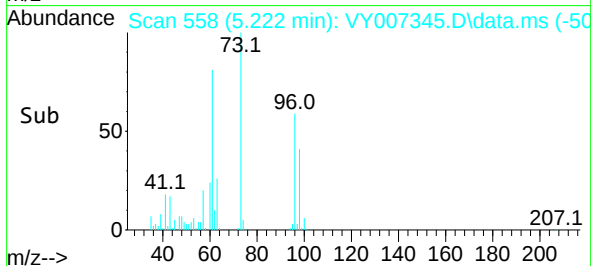
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



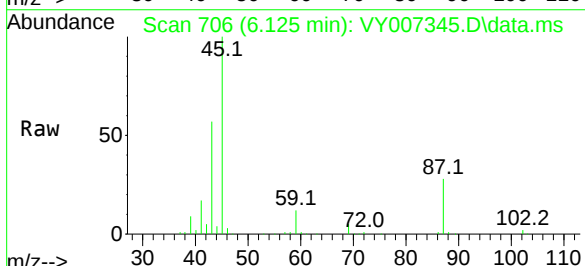
Tgt Ion: 96 Resp: 75244
Ion Ratio Lower Upper
96 100
61 137.7 107.3 160.9
98 69.1 52.4 78.6

Manual Integrations
APPROVED

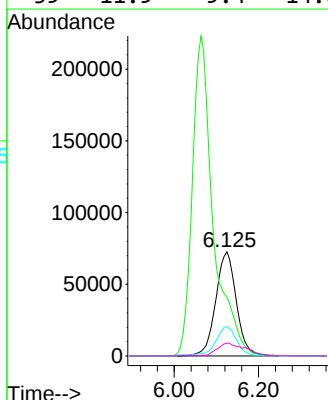
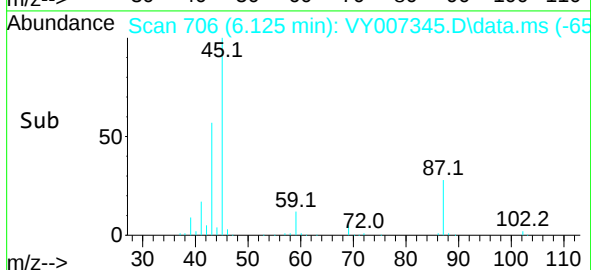
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

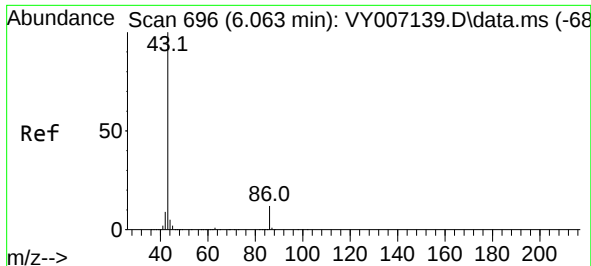


#22
Diisopropyl ether
Concen: 54.789 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



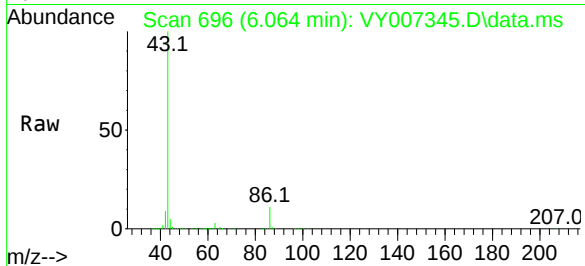
Tgt Ion: 45 Resp: 245768
Ion Ratio Lower Upper
45 100
43 56.2 45.6 68.4
87 28.0 22.2 33.2
59 11.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 290.944 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY007345.D
 Acq: 31 Jan 2022 18:01

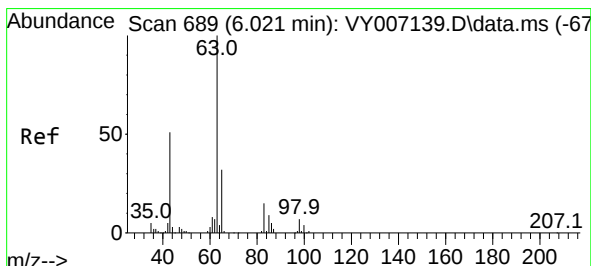
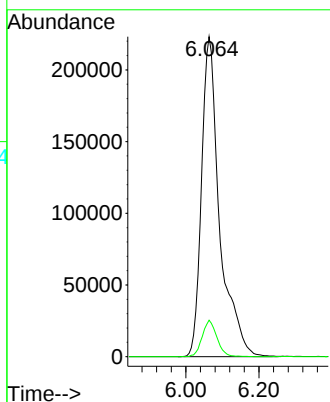
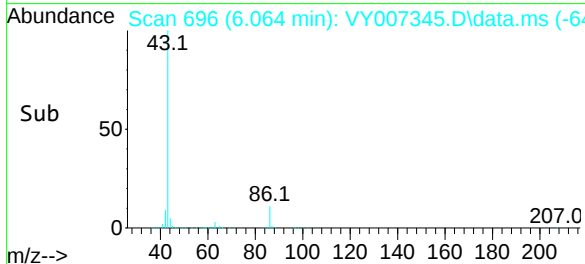
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



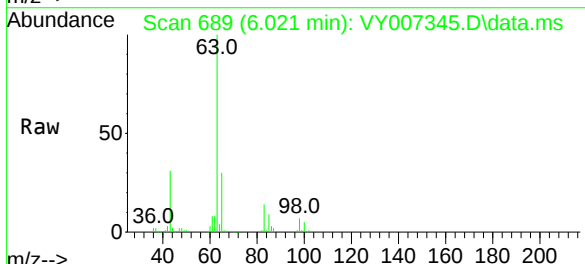
Tgt Ion: 43 Resp: 767509
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.0 13.6

Manual Integrations
 APPROVED

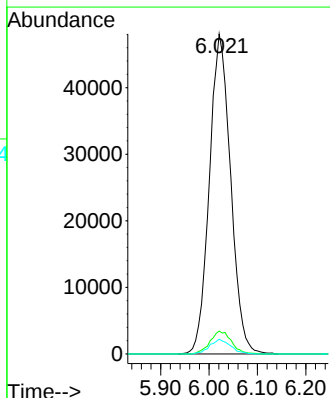
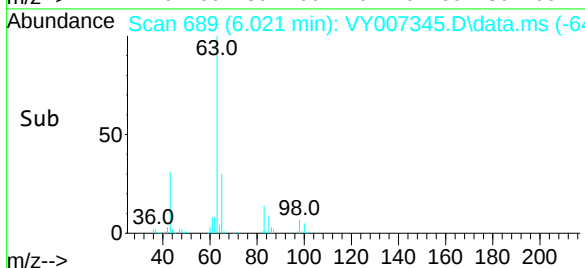
Reviewed By :John Carlone 02/01/2022
 Supervised By :Mahesh Dadoda 02/02/2022



#24
 1,1-Dichloroethane
 Concen: 53.929 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY007345.D
 Acq: 31 Jan 2022 18:01



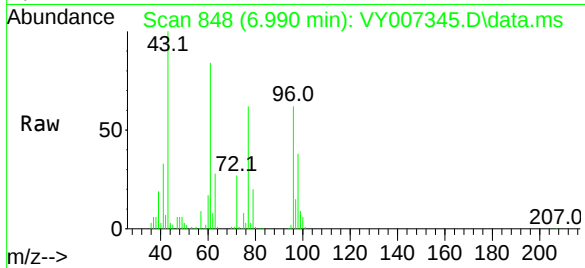
Tgt Ion: 63 Resp: 147158
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.6 2.1 6.2





#25
2-Butanone
Concen: 289.411 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

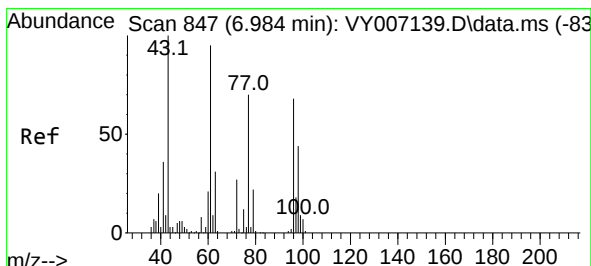
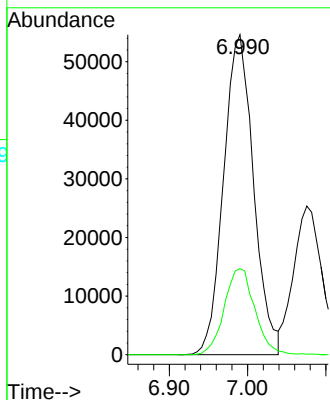
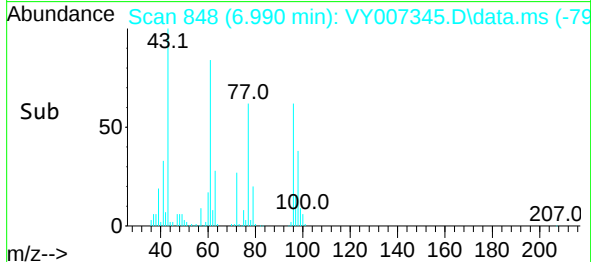
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 14541
Ion Ratio Lower Upper
43 100
72 26.8 21.9 32.9

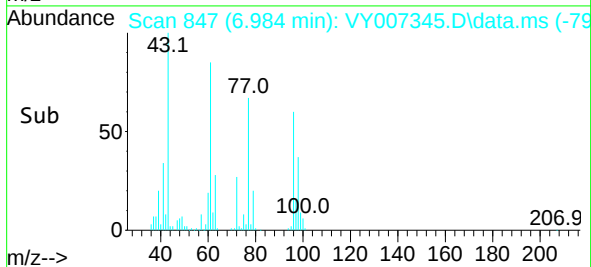
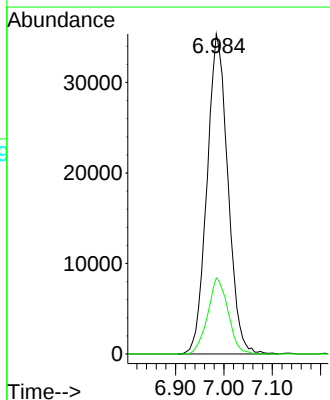
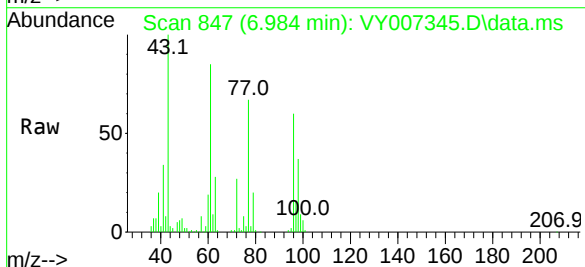
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#26
2,2-Dichloropropane
Concen: 53.333 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

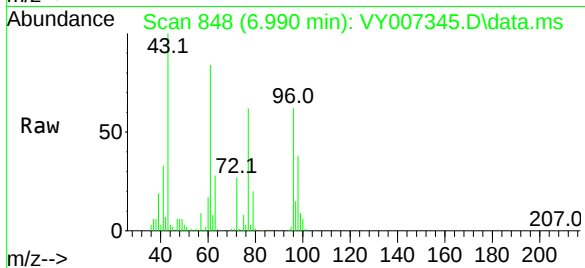
Tgt Ion: 77 Resp: 106061
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 53.669 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY007345.D
 Acq: 31 Jan 2022 18:01

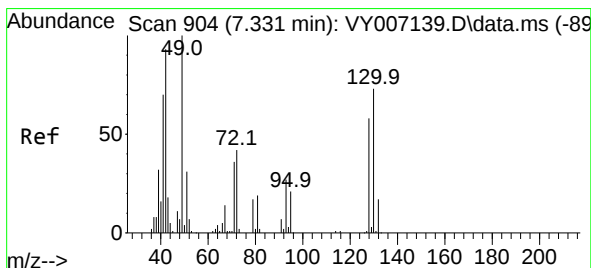
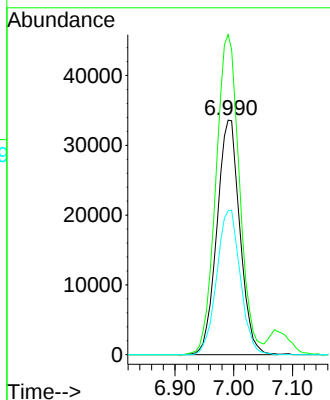
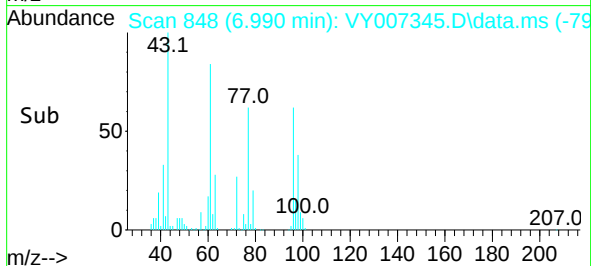
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 9114
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 276.8
 98 63.3 0.0 127.8

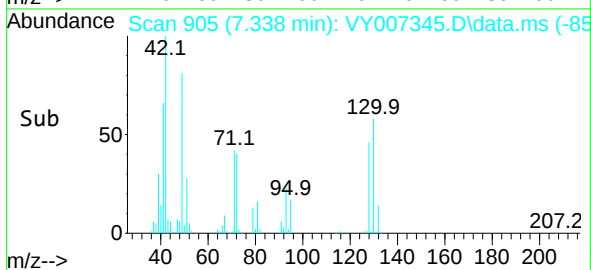
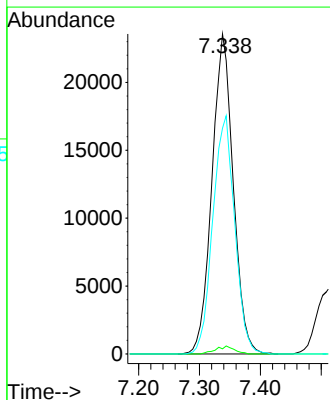
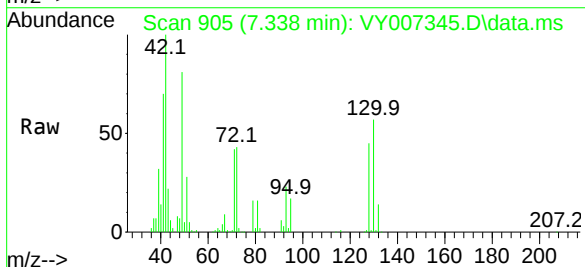
Manual Integrations
 APPROVED

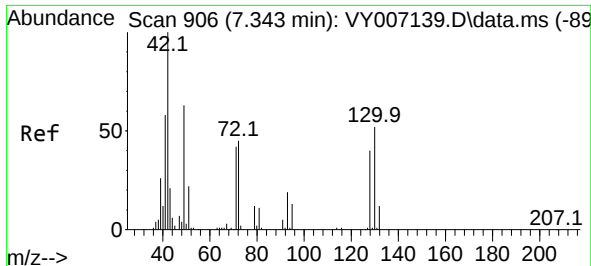
Reviewed By :John Carlone 02/01/2022
 Supervised By :Mahesh Dadoda 02/02/2022



#28
 Bromochloromethane
 Concen: 57.901 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY007345.D
 Acq: 31 Jan 2022 18:01

Tgt Ion: 49 Resp: 57150
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 76.8 65.0 97.4





#29

Tetrahydrofuran

Concen: 299.841 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY007345.D

Acq: 31 Jan 2022 18:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 9684

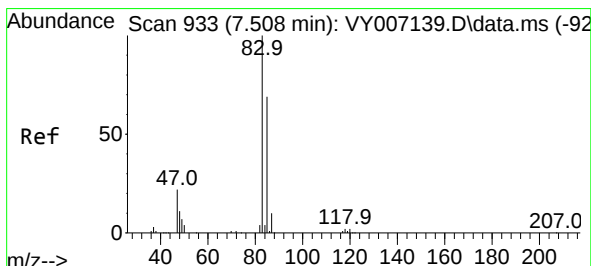
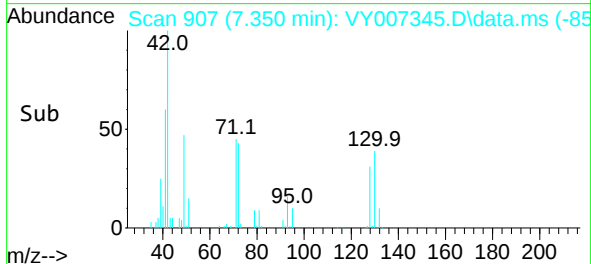
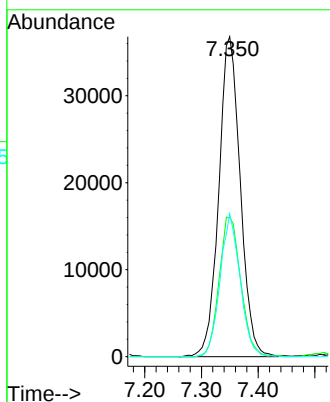
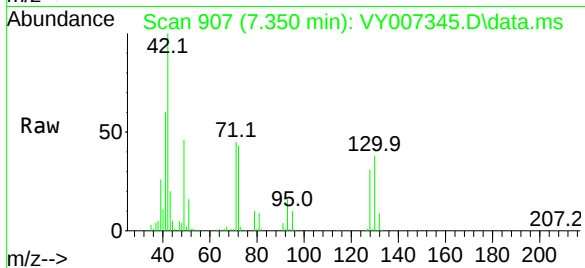
Ion	Ratio	Lower	Upper
42	100		
72	44.2	36.6	54.8
71	41.5	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/02/2022



#30

Chloroform

Concen: 55.138 ug/l

RT: 7.508 min Scan# 933

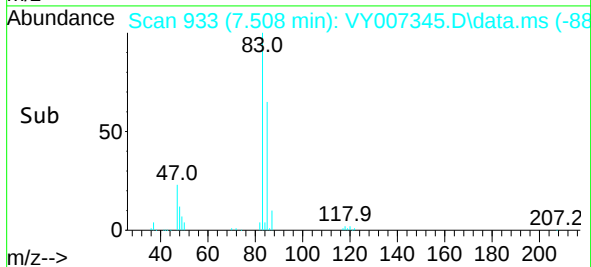
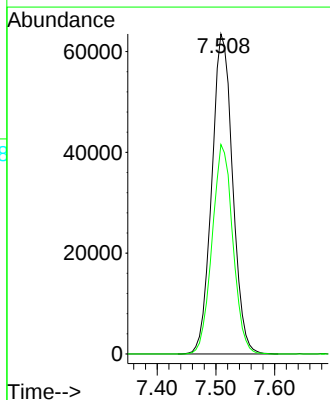
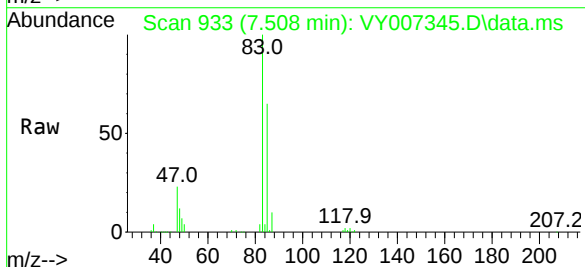
Delta R.T. 0.000 min

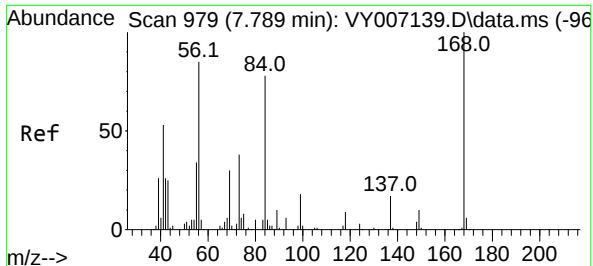
Lab File: VY007345.D

Acq: 31 Jan 2022 18:01

Tgt Ion: 83 Resp: 156327

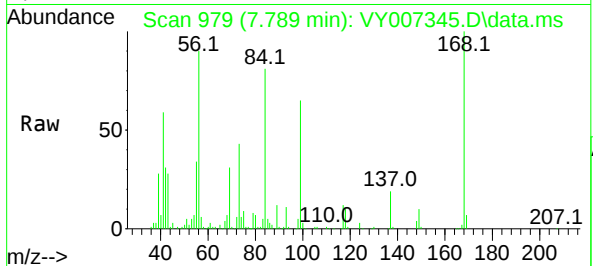
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.9	76.3





#31
Cyclohexane
Concen: 46.348 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

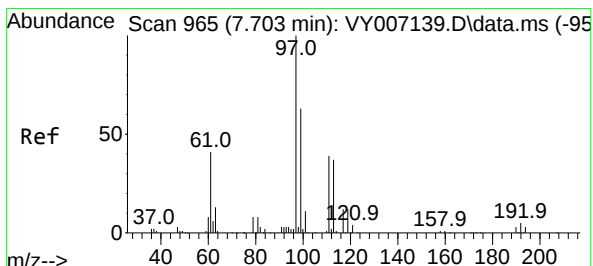
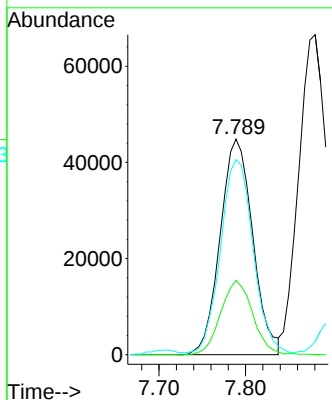
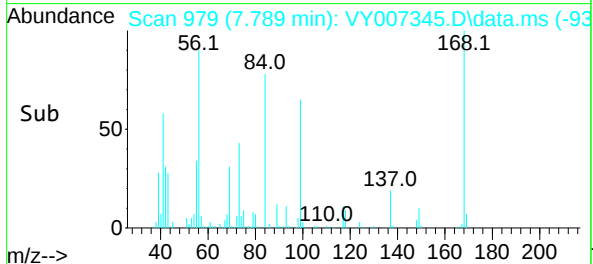
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



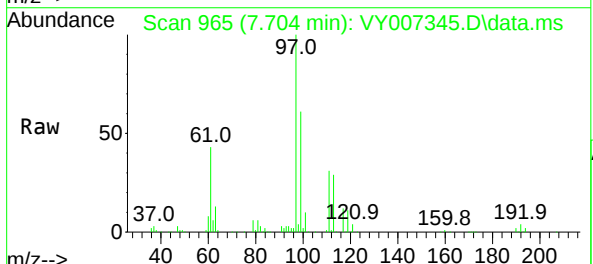
Tgt Ion: 56 Resp: 11733
Ion Ratio Lower Upper
56 100
69 34.6 27.2 40.8
84 89.5 72.1 108.1

Manual Integrations
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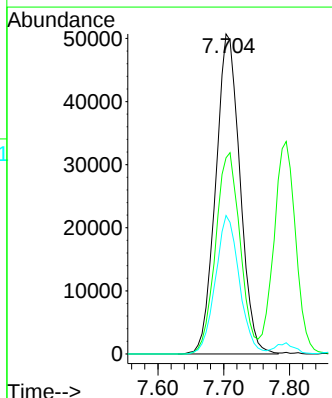
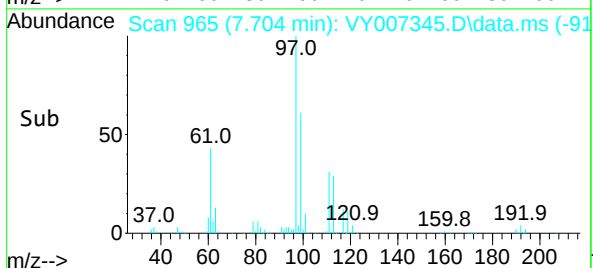
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

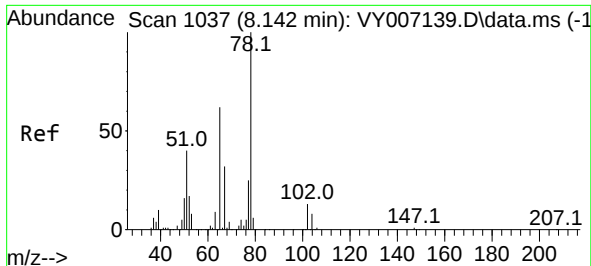


#32
1,1,1-Trichloroethane
Concen: 53.798 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



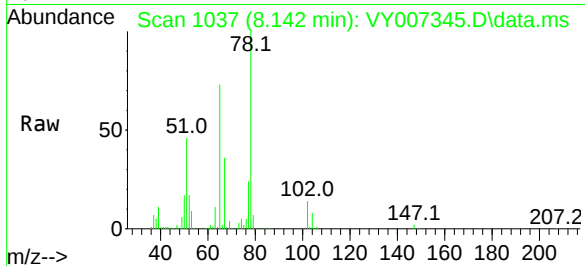
Tgt Ion: 97 Resp: 130370
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 42.6 32.2 48.2





#33
1,2-Dichloroethane-d4
Concen: 48.549 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

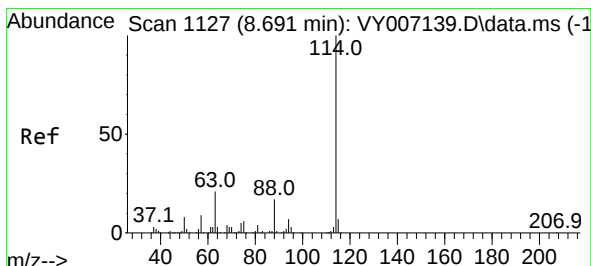
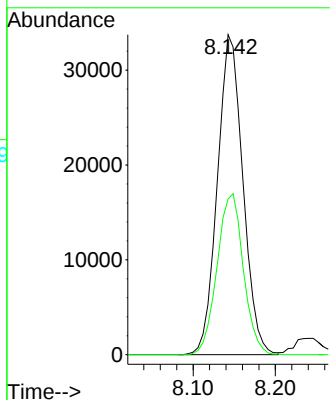
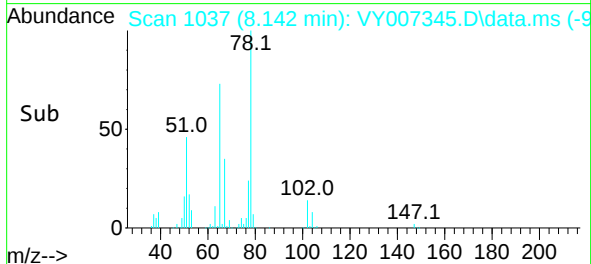
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



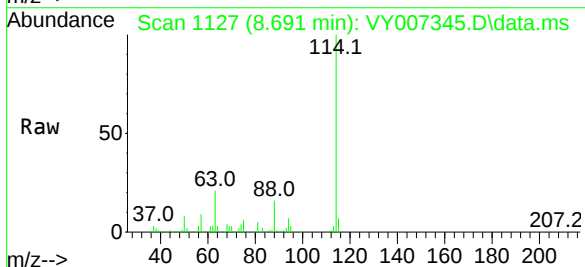
Tgt Ion: 65 Resp: 7269
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.6

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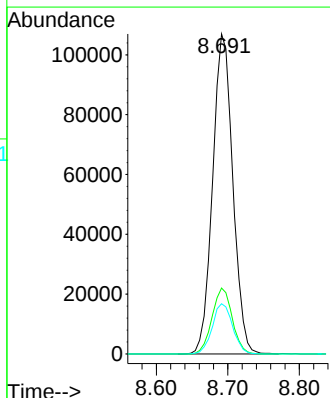
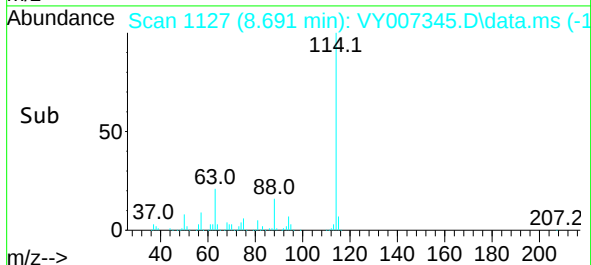
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

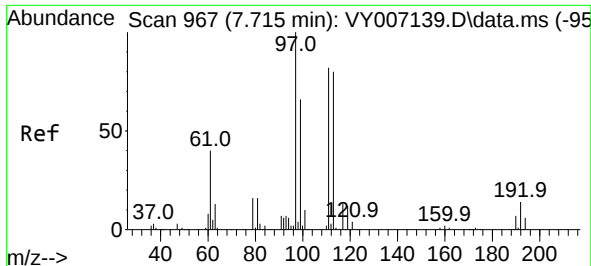


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



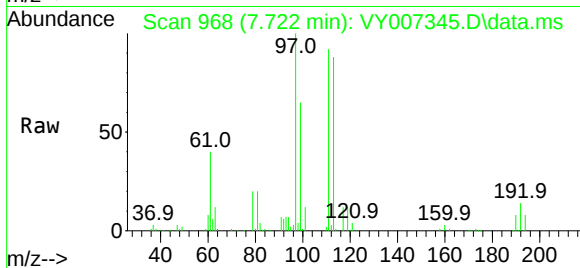
Tgt Ion:114 Resp: 209588
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.2
88 15.7 0.0 31.0





#35
Dibromofluoromethane
Concen: 49.286 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

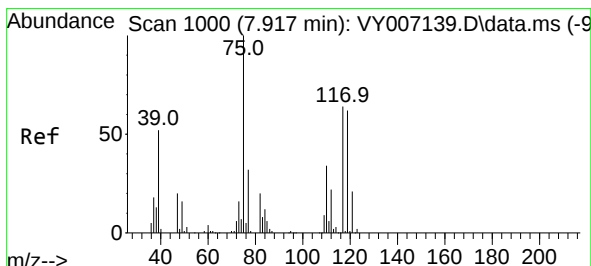
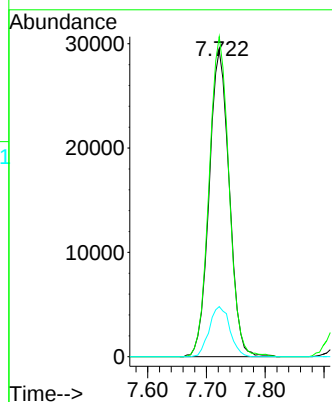
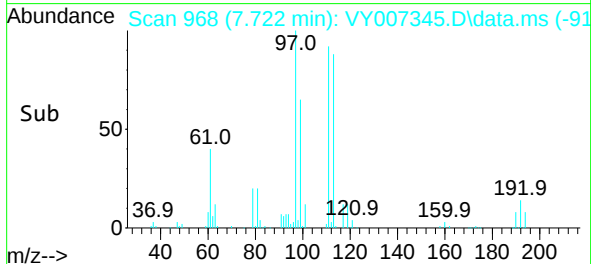
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



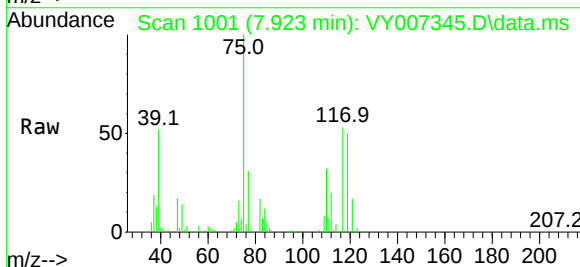
Tgt Ion: 113 Resp: 69848
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 16.7 14.2 21.4

Manual Integrations
APPROVED

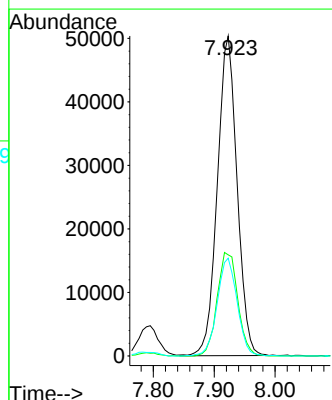
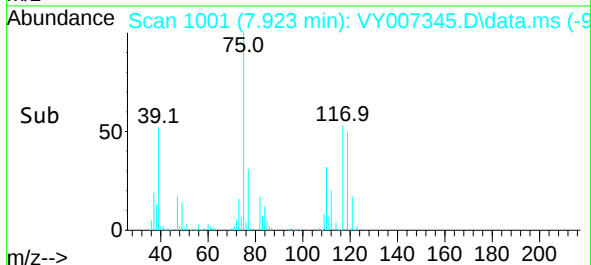
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

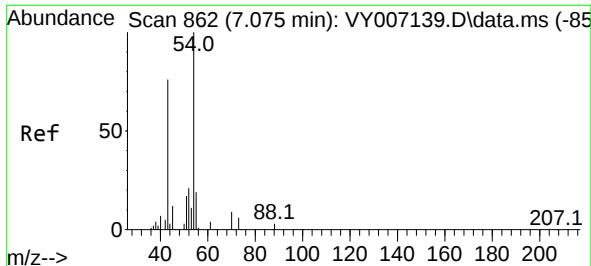


#36
1,1-Dichloropropene
Concen: 49.919 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



Tgt Ion: 75 Resp: 112990
Ion Ratio Lower Upper
75 100
110 33.9 17.3 51.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 57.122 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY007345.D

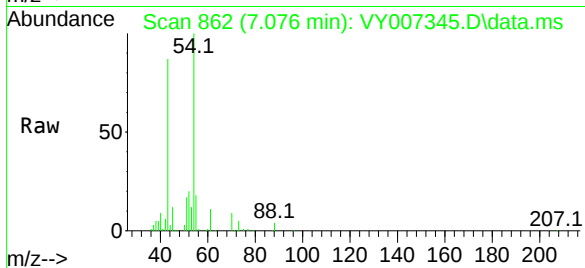
Acq: 31 Jan 2022 18:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



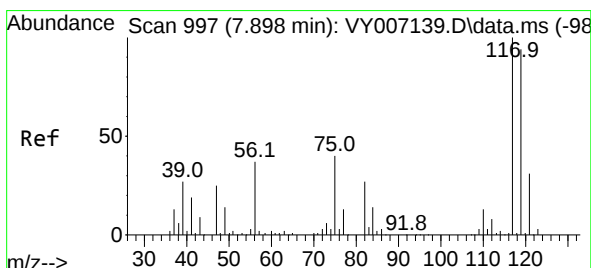
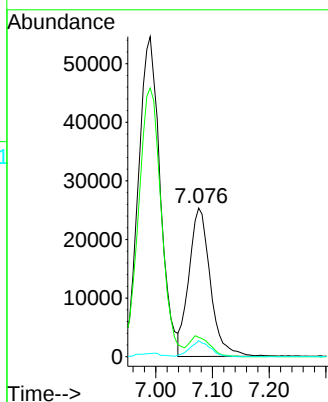
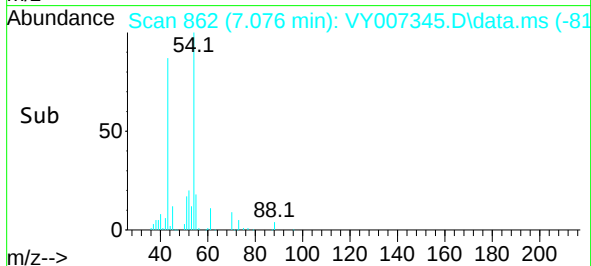
Tgt Ion:	43	Resp:	6635
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.8	17.8
70	10.1	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/02/2022



#38

Carbon Tetrachloride

Concen: 50.648 ug/l

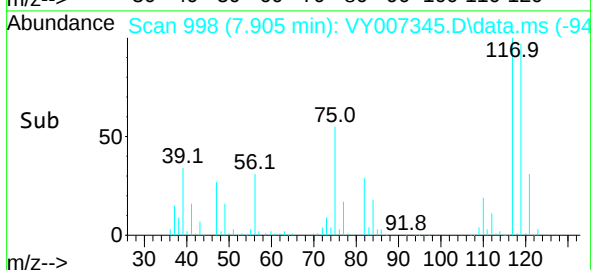
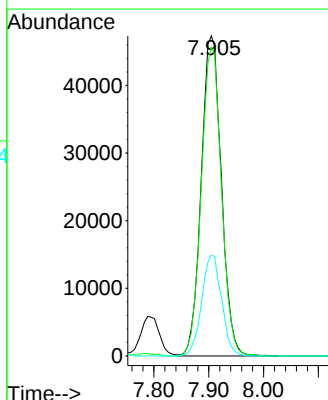
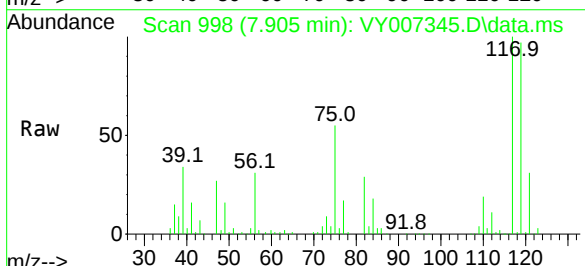
RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY007345.D

Acq: 31 Jan 2022 18:01

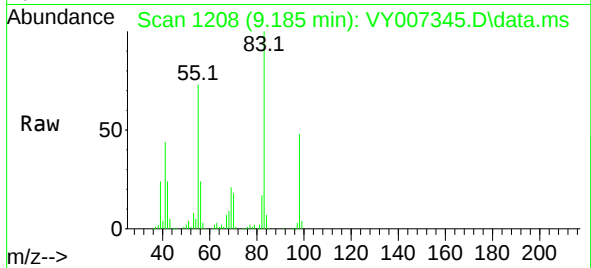
Tgt Ion:	117	Resp:	120583
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.2	115.8
121	31.5	24.2	36.2





#39
Methylcyclohexane
Concen: 47.495 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

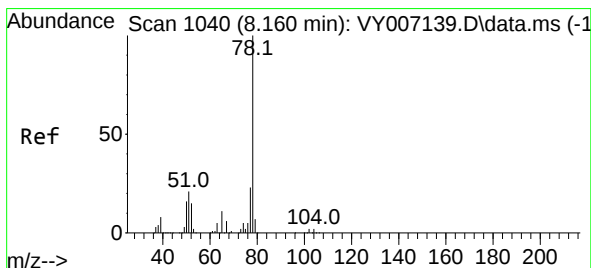
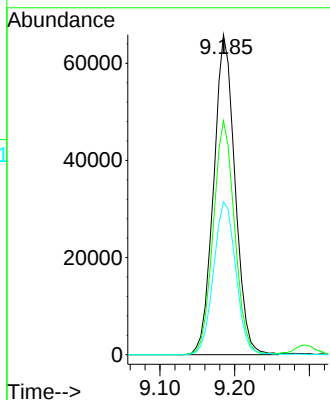
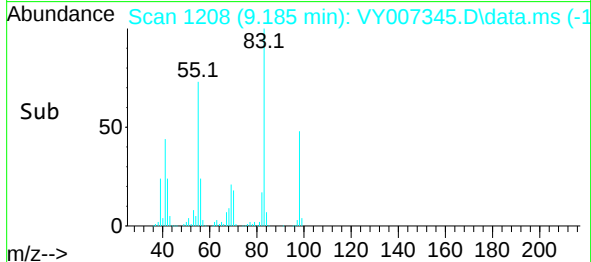
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 131250
Ion Ratio Lower Upper
83 100
55 73.2 58.8 88.2
98 47.8 38.7 58.1

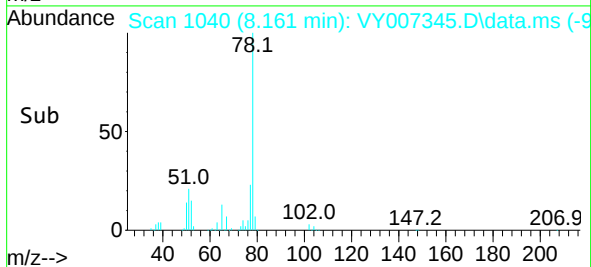
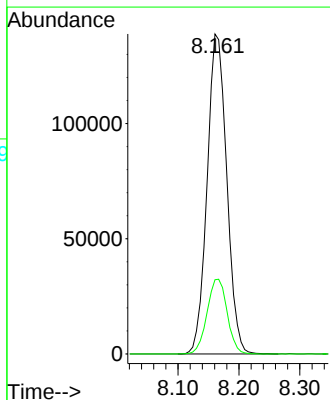
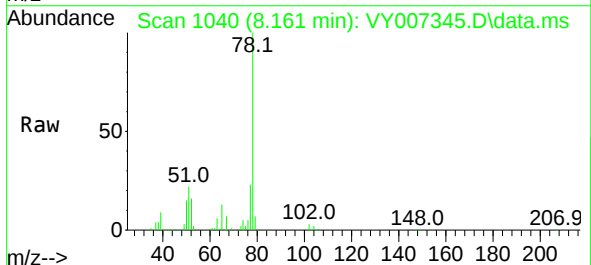
Manual Integrations
APPROVED

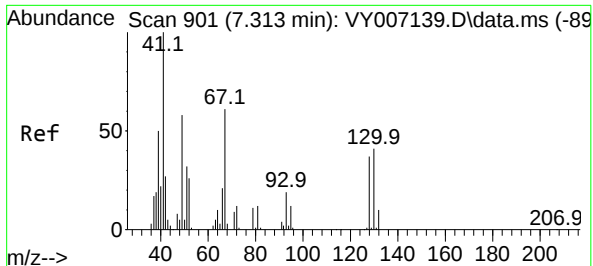
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#40
Benzene
Concen: 51.476 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

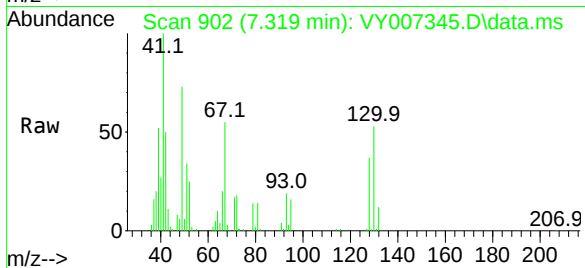
Tgt Ion: 78 Resp: 310793
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8





#41
Methacrylonitrile
Concen: 47.934 ug/l m
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

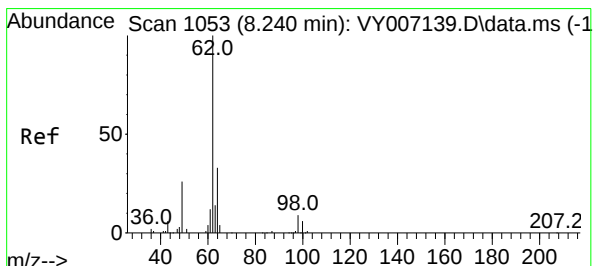
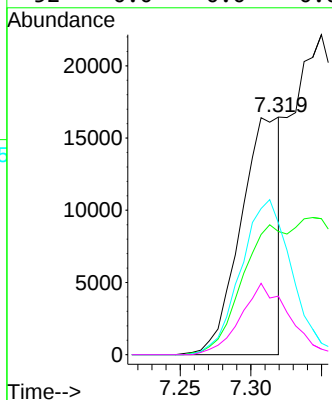
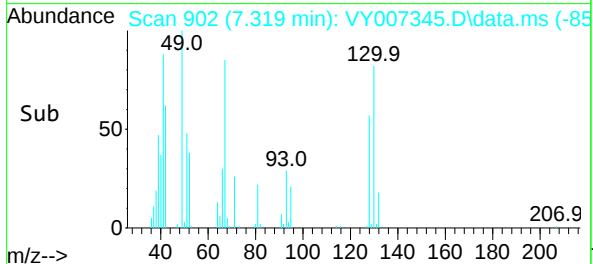
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 32064
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

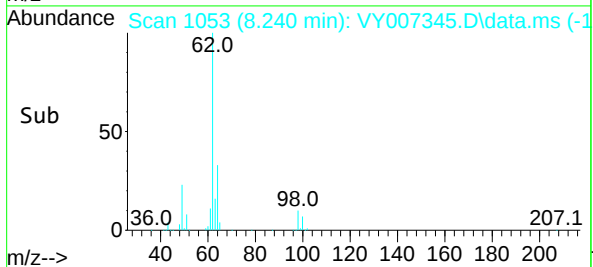
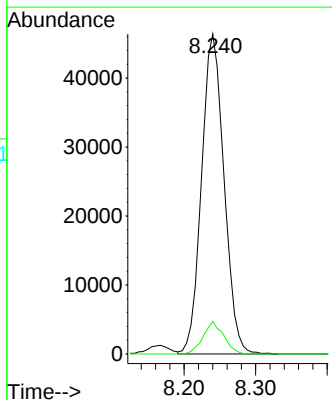
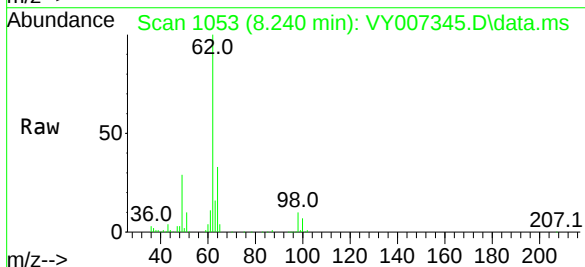
Manual Integrations
APPROVED

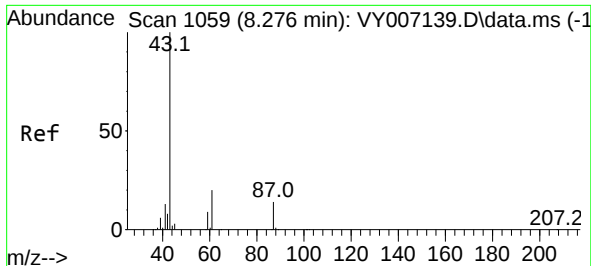
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#42
1,2-Dichloroethane
Concen: 53.228 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

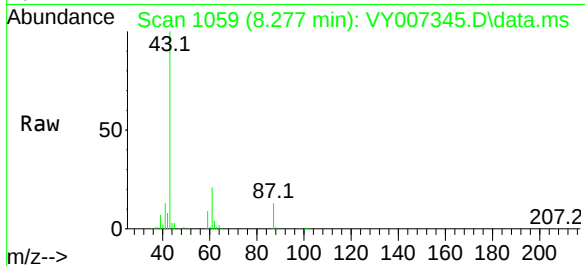
Tgt Ion: 62 Resp: 101201
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





#43
Isopropyl Acetate
Concen: 55.484 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

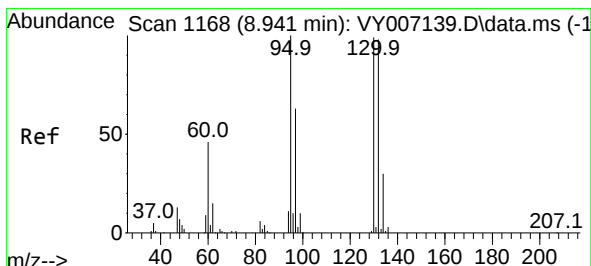
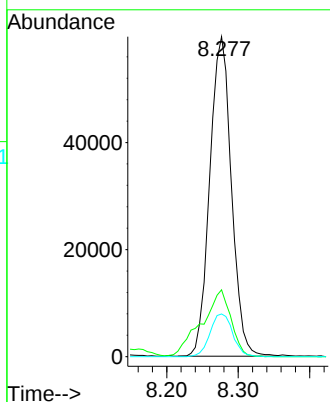
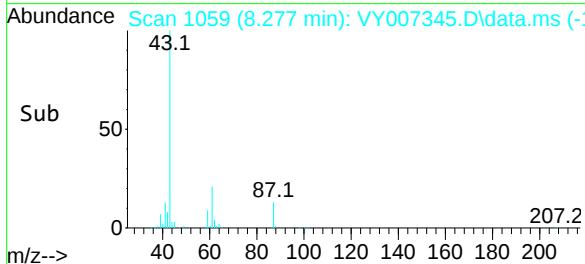
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 12540
Ion Ratio Lower Upper
43 100
61 28.5 23.8 35.8
87 14.1 11.6 17.4

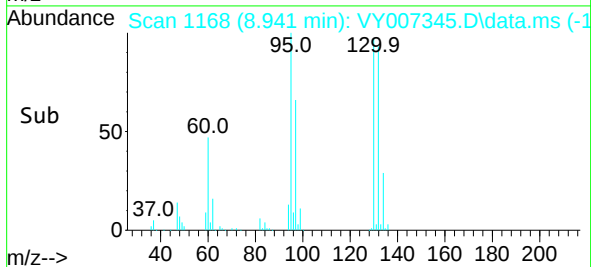
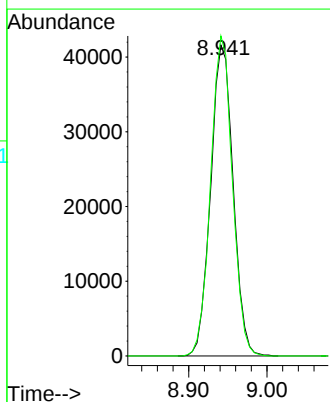
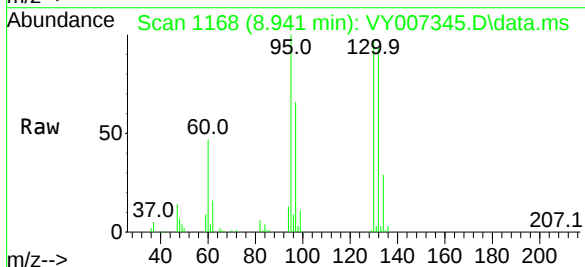
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#44
Trichloroethene
Concen: 50.778 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

Tgt Ion:130 Resp: 82962
Ion Ratio Lower Upper
130 100
95 102.9 0.0 196.6





#45

1,2-Dichloropropane

Concen: 52.412 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY007345.D

Acq: 31 Jan 2022 18:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 80472

Ion Ratio Lower Upper

63 100

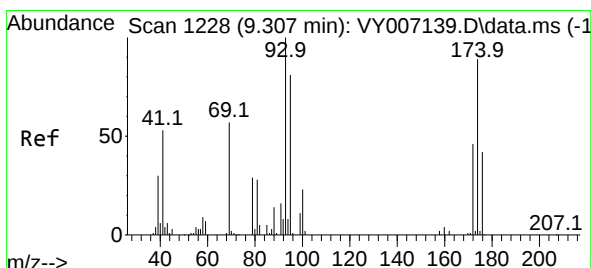
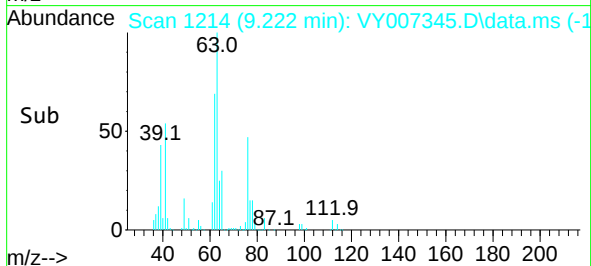
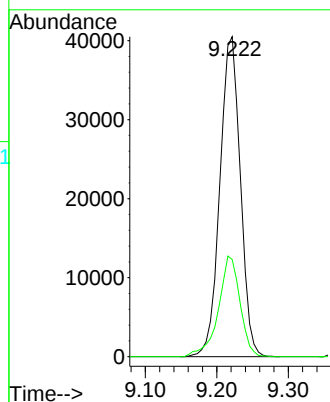
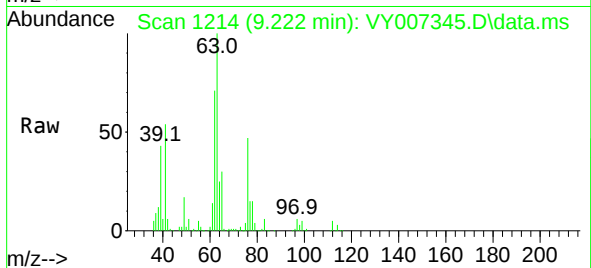
65 30.3 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/02/2022



#46

Dibromomethane

Concen: 52.561 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007345.D

Acq: 31 Jan 2022 18:01

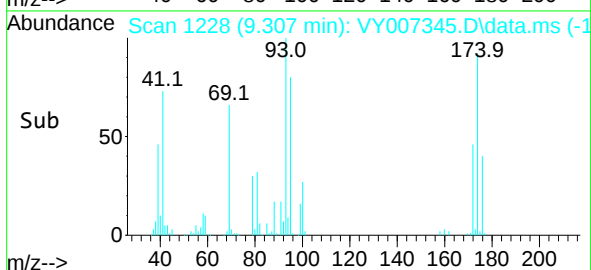
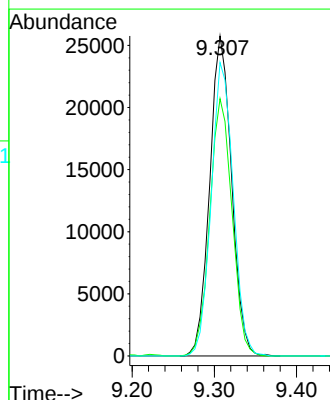
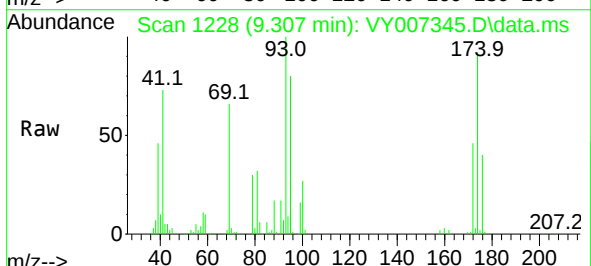
Tgt Ion: 93 Resp: 47722

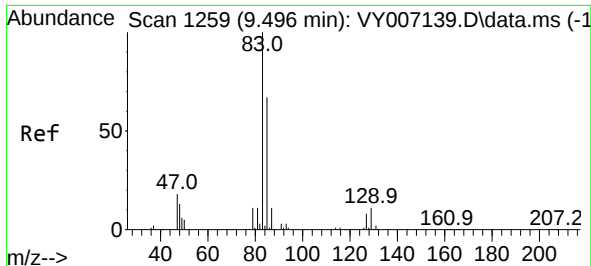
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.6

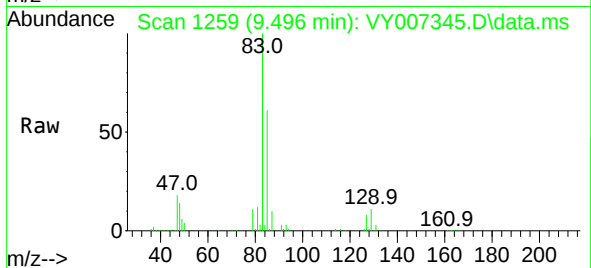
174 92.0 75.4 113.0





#47
Bromodichloromethane
Concen: 53.754 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

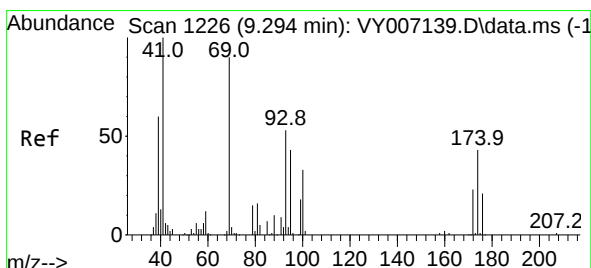
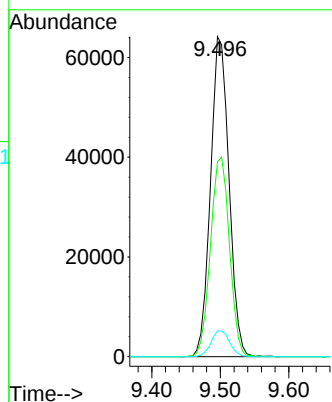
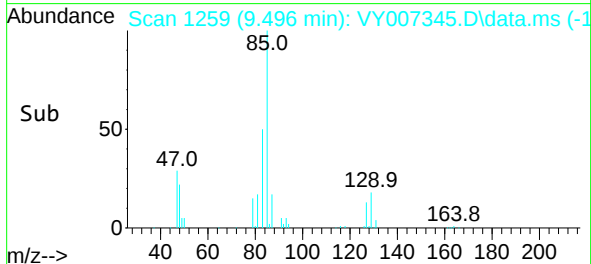
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



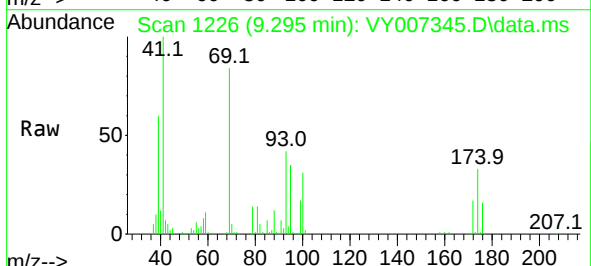
Tgt Ion: 83 Resp: 11998
Ion Ratio Lower Upper
83 100
85 60.9 51.4 77.2
127 8.0 6.5 9.7

Manual Integrations
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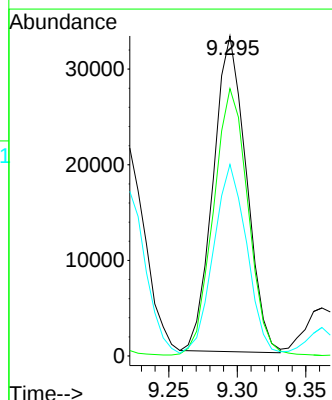
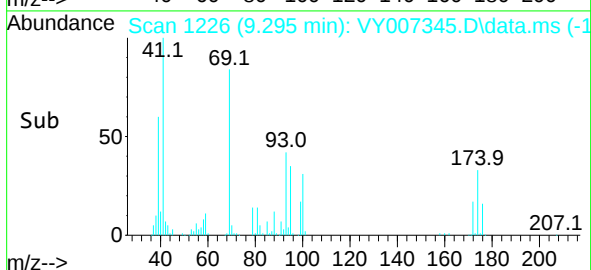
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#48
Methyl methacrylate
Concen: 53.967 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



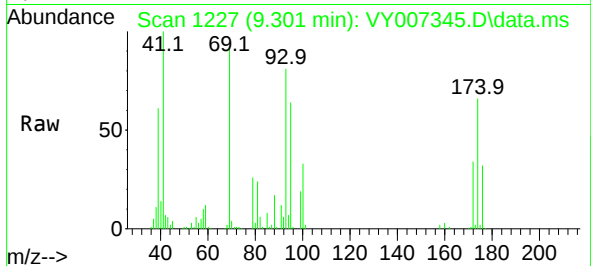
Tgt Ion: 41 Resp: 55481
Ion Ratio Lower Upper
41 100
69 89.4 70.5 105.7
39 61.8 43.8 65.8





#49
1,4-Dioxane
Concen: 1273.797 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

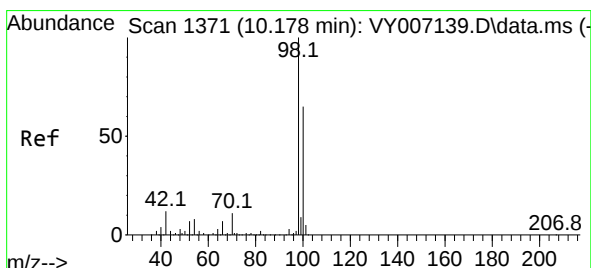
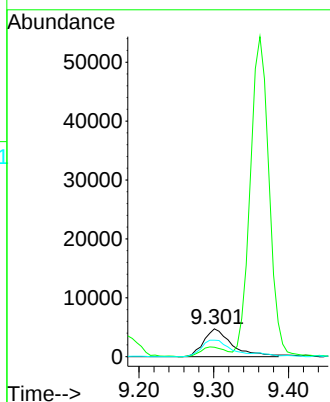
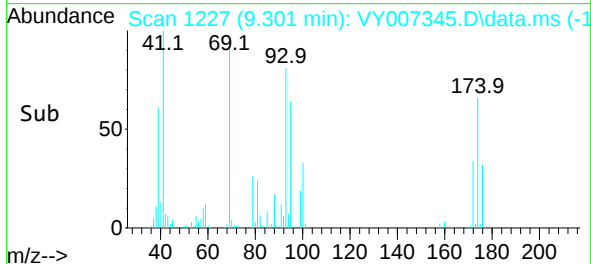
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 12470
Ion Ratio Lower Upper
88 100
43 31.2 22.0 33.0
58 60.7 58.6 87.8

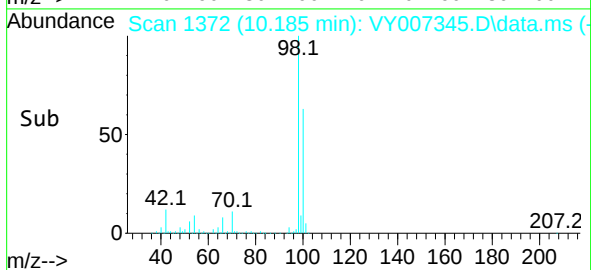
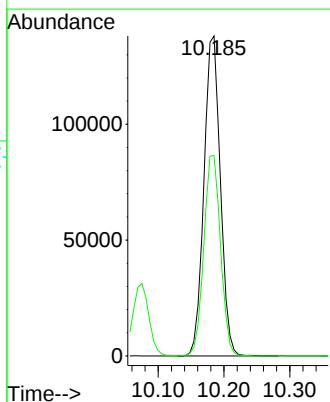
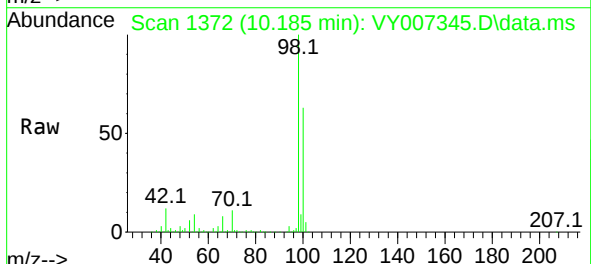
Manual Integrations
APPROVED

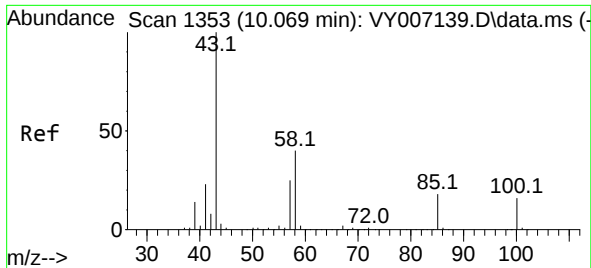
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#50
Toluene-d8
Concen: 46.289 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

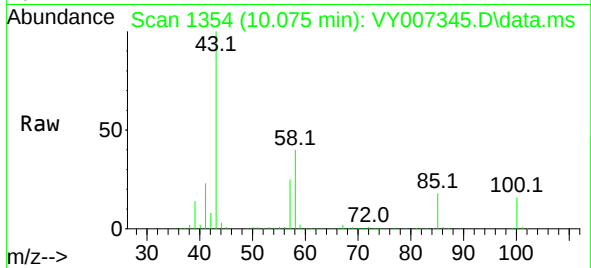
Tgt Ion: 98 Resp: 239703
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 295.237 ug/l
RT: 10.075 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

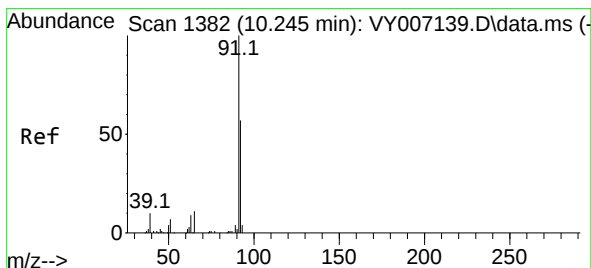
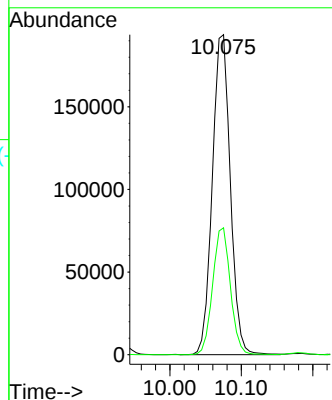
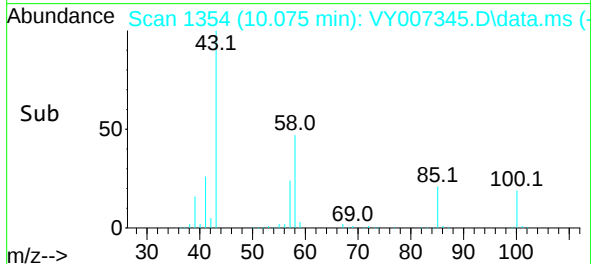
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 33835
Ion Ratio Lower Upper
43 100
58 39.2 32.8 49.2

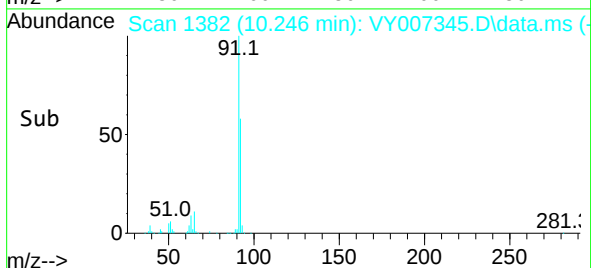
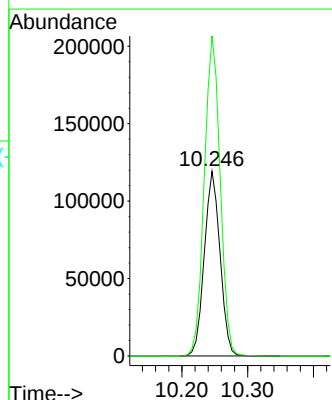
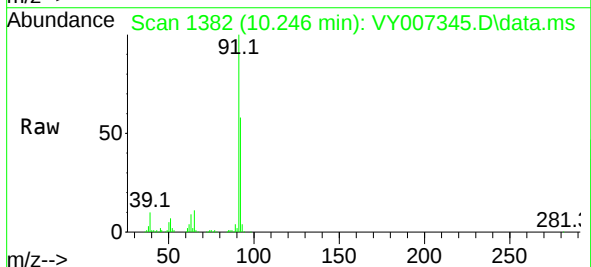
Manual Integrations
APPROVED

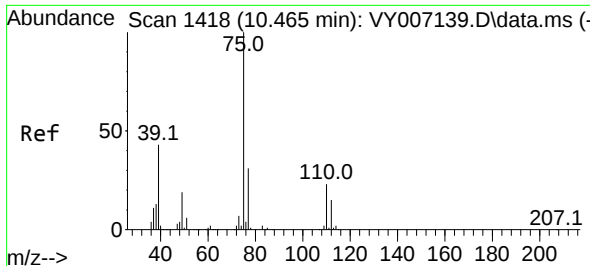
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#52
Toluene
Concen: 51.761 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

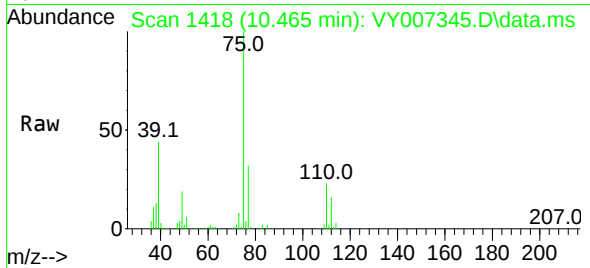
Tgt Ion: 92 Resp: 198094
Ion Ratio Lower Upper
92 100
91 175.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 53.684 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

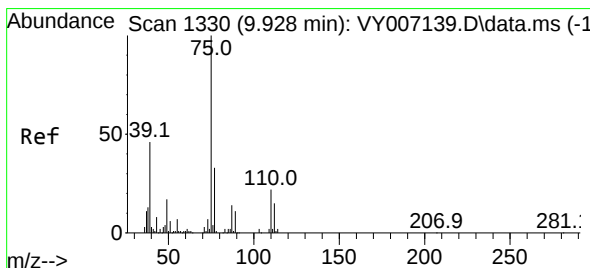
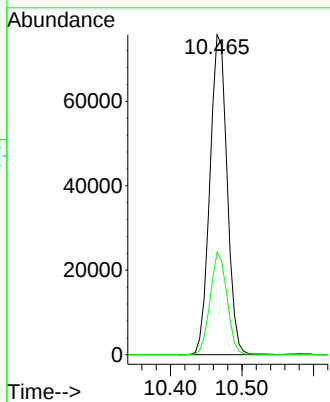
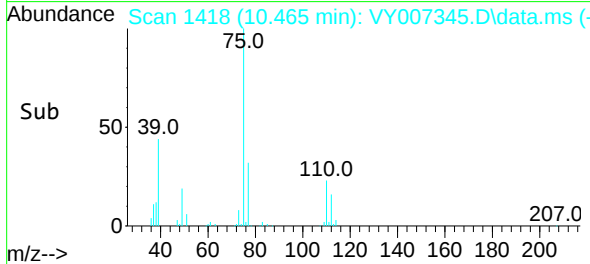
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 12649
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5

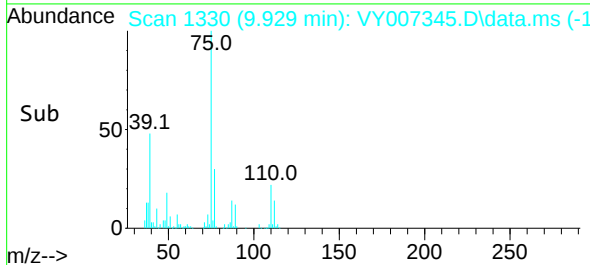
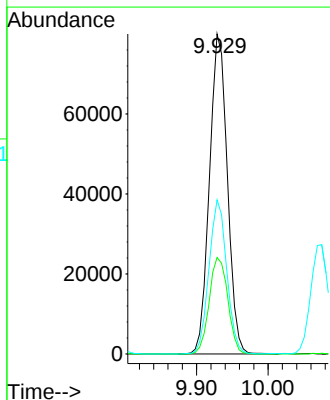
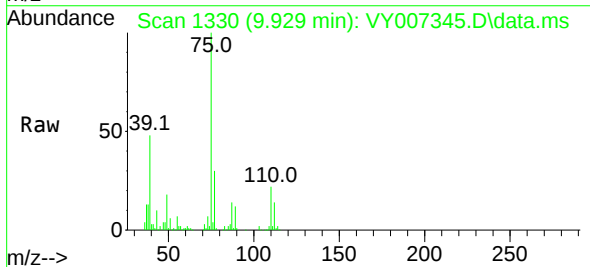
Manual Integrations
APPROVED

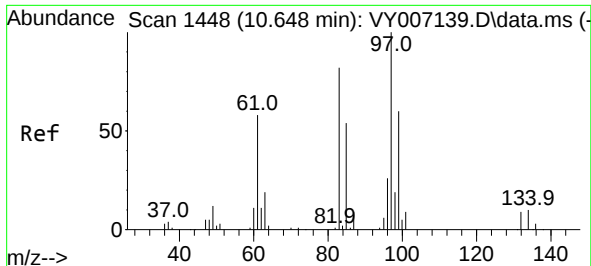
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#54
cis-1,3-Dichloropropene
Concen: 52.729 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

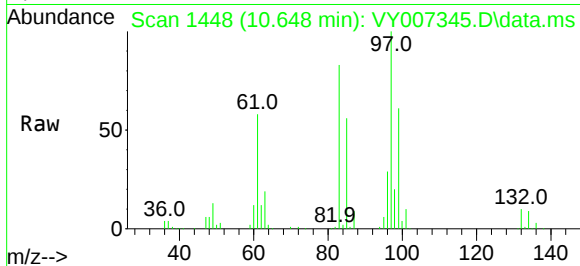
Tgt Ion: 75 Resp: 139071
Ion Ratio Lower Upper
75 100
77 30.1 25.7 38.5
39 48.1 36.1 54.1





#55
1,1,2-Trichloroethane
Concen: 54.619 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

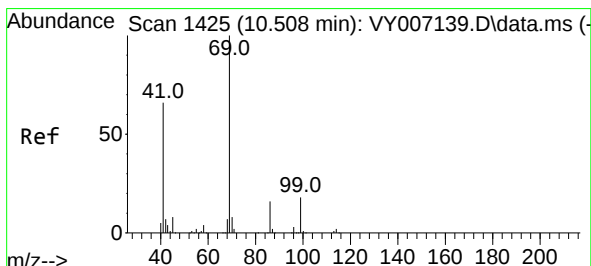
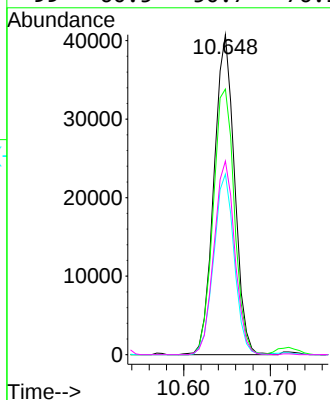
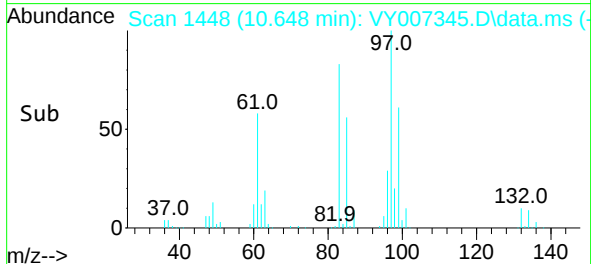


Tgt Ion: 97 Resp: 6726

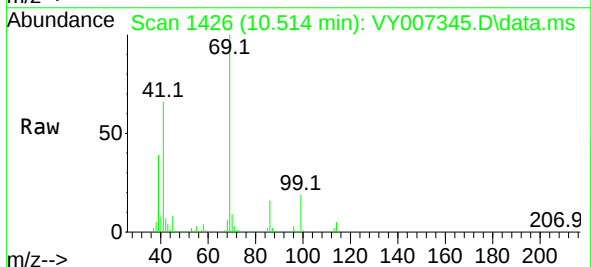
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.0	100.4
85	56.4	41.2	61.8
99	60.5	50.7	76.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

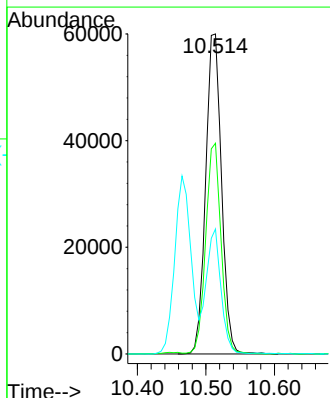
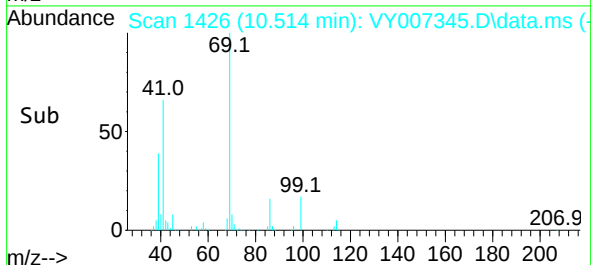


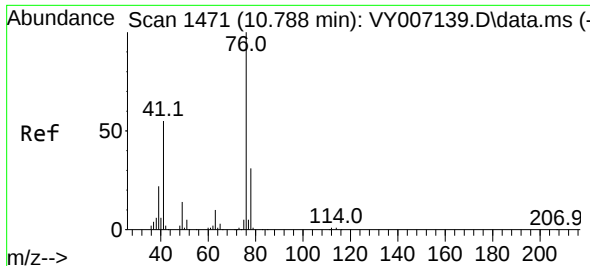
#56
Ethyl methacrylate
Concen: 55.724 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



Tgt Ion: 69 Resp: 96680

Ion	Ratio	Lower	Upper
69	100		
41	64.1	49.4	74.0
39	36.1	27.7	41.5





#57

1,3-Dichloropropane

Concen: 54.356 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY007345.D

Acq: 31 Jan 2022 18:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 116684

Ion Ratio Lower Upper

76 100

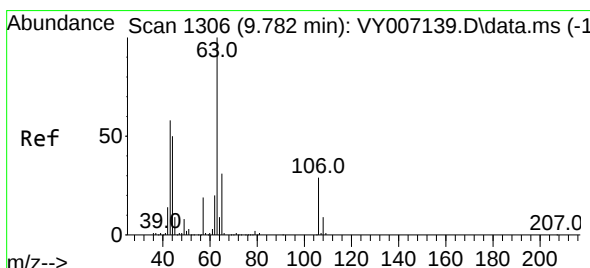
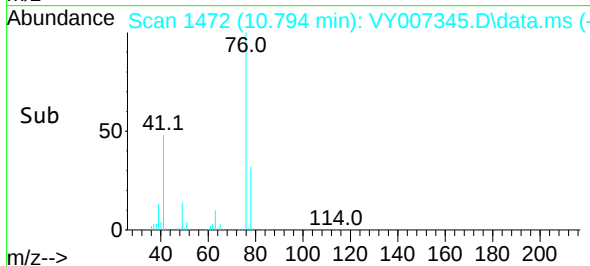
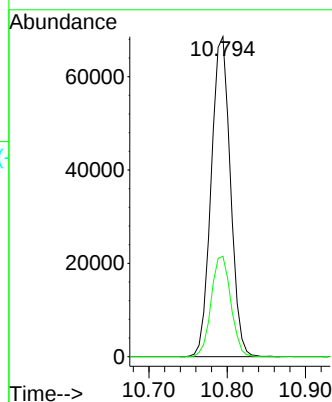
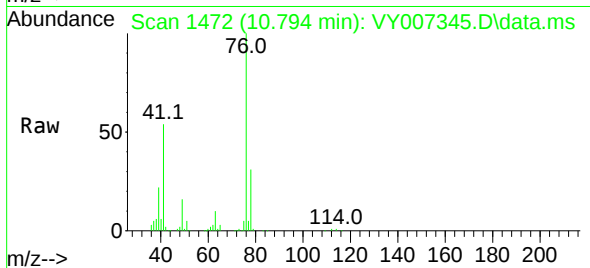
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 243.609 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007345.D

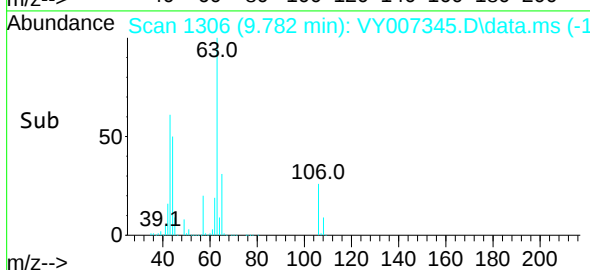
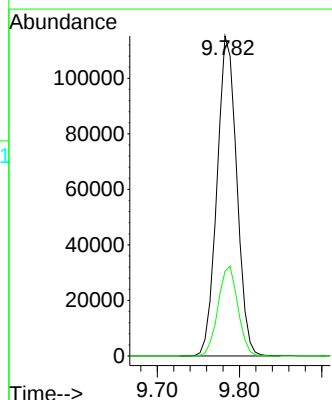
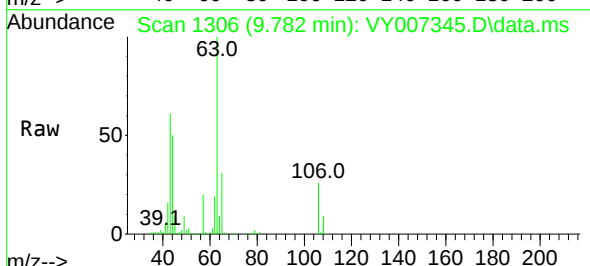
Acq: 31 Jan 2022 18:01

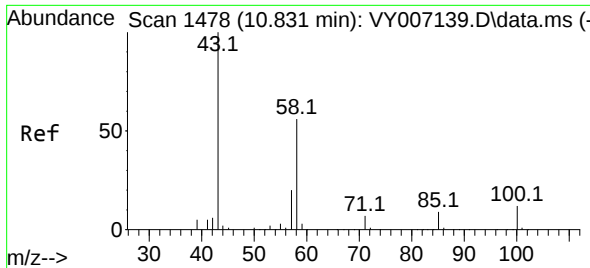
Tgt Ion: 63 Resp: 192189

Ion Ratio Lower Upper

63 100

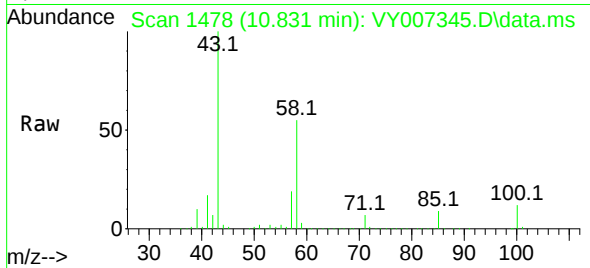
106 28.1 23.3 34.9





#59
2-Hexanone
Concen: 291.283 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

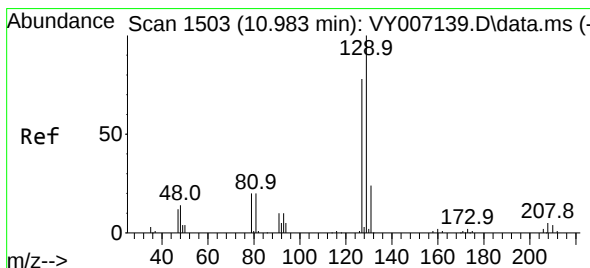
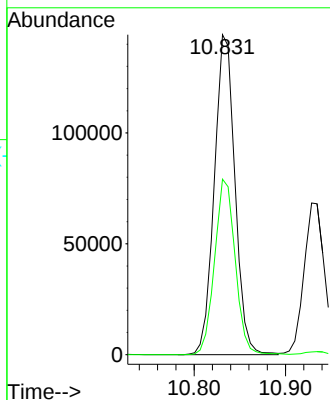
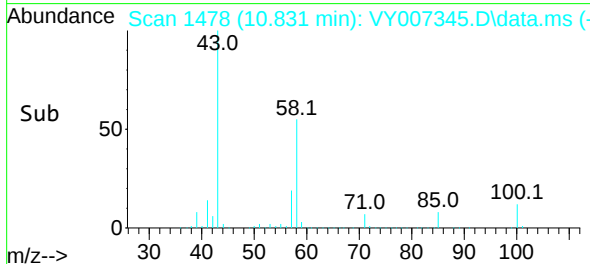
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 22655
Ion Ratio Lower Upper
43 100
58 54.8 28.4 85.3

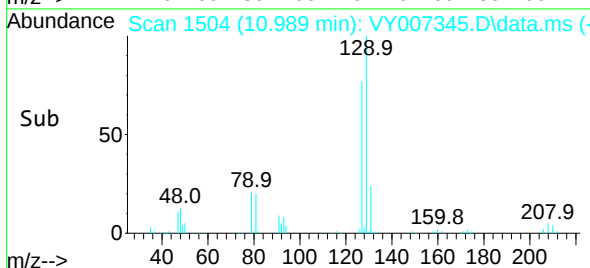
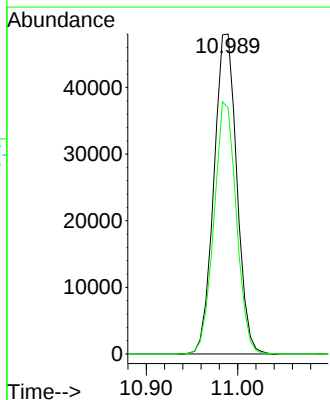
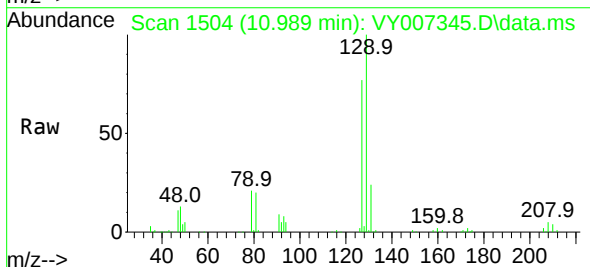
Manual Integrations
APPROVED

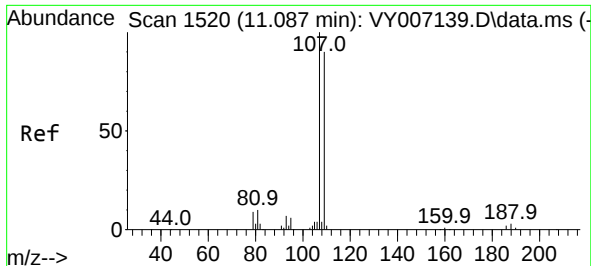
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#60
Dibromochloromethane
Concen: 55.223 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

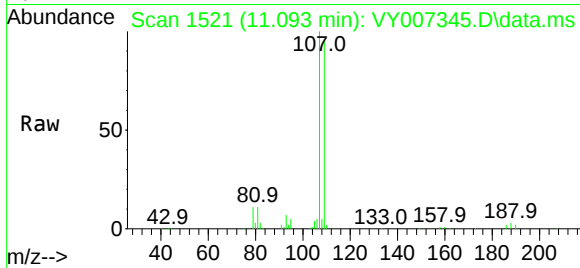
Tgt Ion:129 Resp: 83603
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6





#61
1,2-Dibromoethane
Concen: 53.812 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

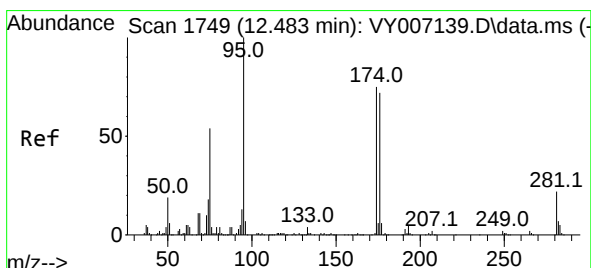
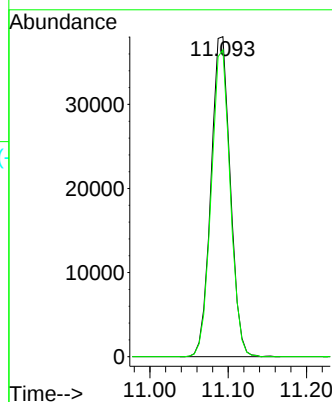
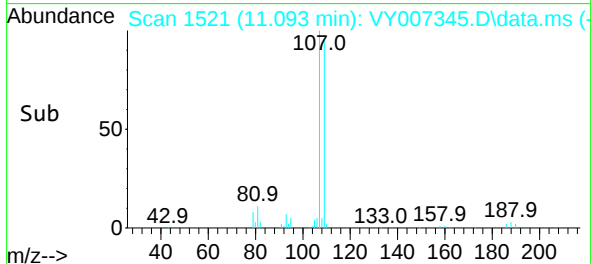
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 65100
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.0

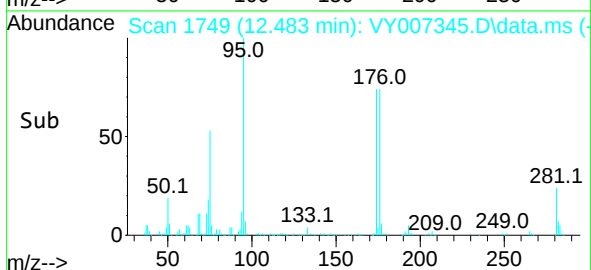
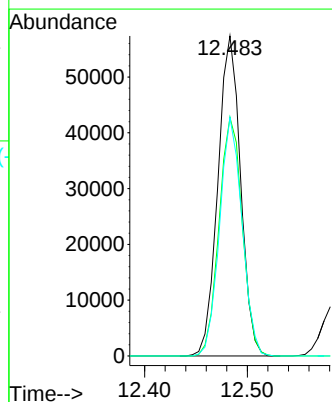
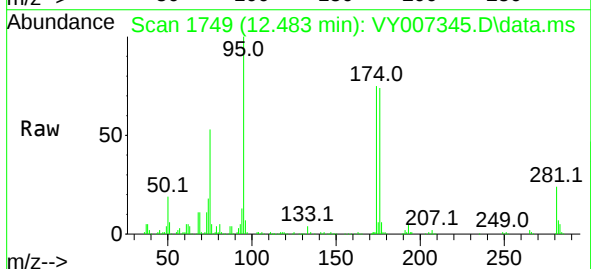
Manual Integrations
APPROVED

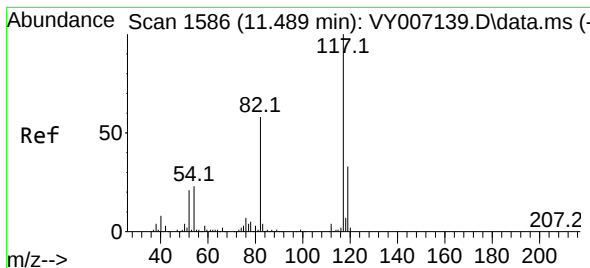
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#62
4-Bromofluorobenzene
Concen: 47.659 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

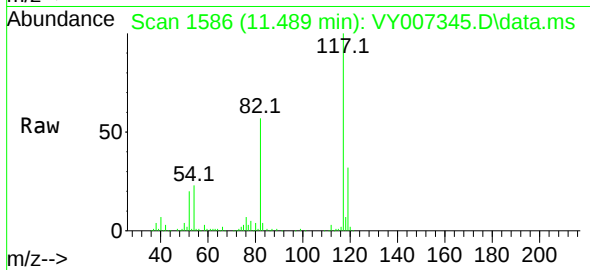
Tgt Ion: 95 Resp: 87790
Ion Ratio Lower Upper
95 100
174 76.1 0.0 148.4
176 73.7 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

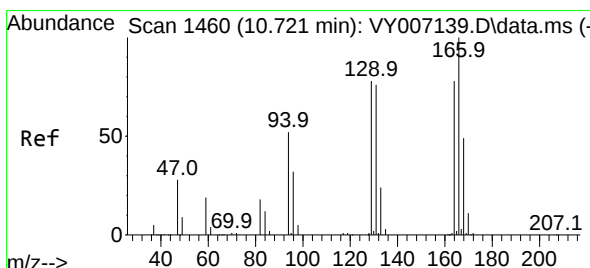
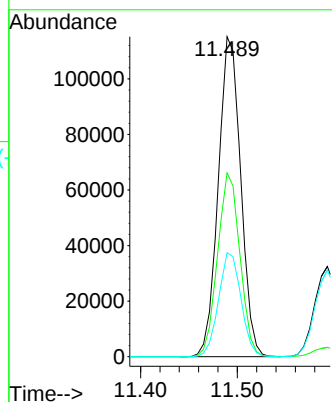
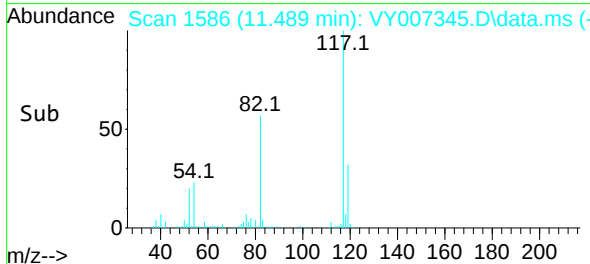
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 18539
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.0
119 32.5 26.4 39.6

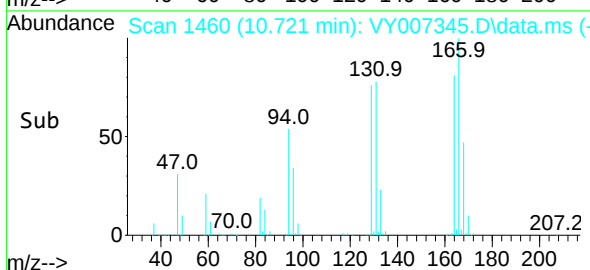
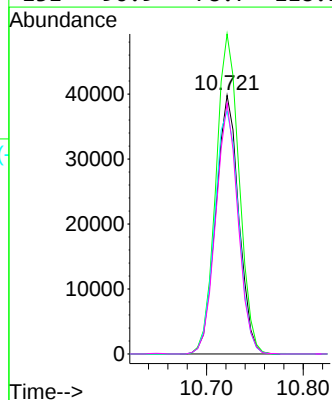
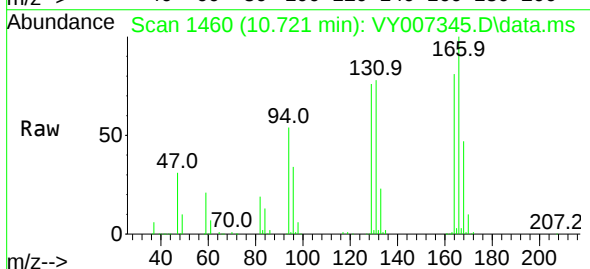
Manual Integrations
APPROVED

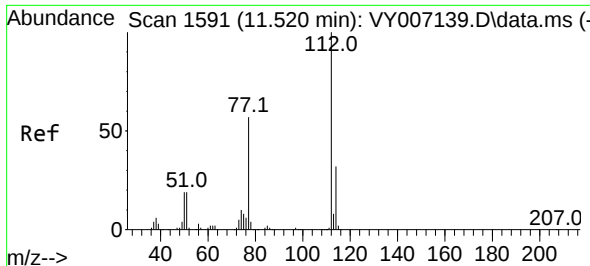
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#64
Tetrachloroethene
Concen: 49.170 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

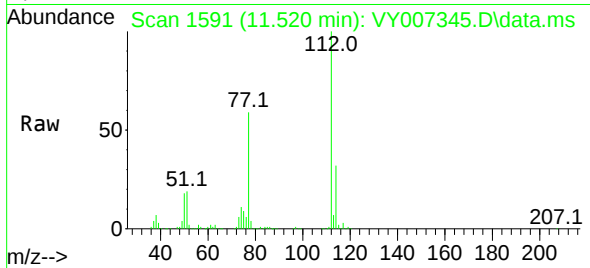
Tgt Ion:164 Resp: 65707
Ion Ratio Lower Upper
164 100
166 123.7 102.6 154.0
129 93.9 84.6 127.0
131 96.9 78.7 118.1





#65
Chlorobenzene
Concen: 52.309 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

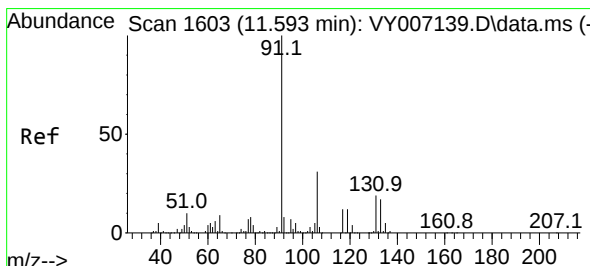
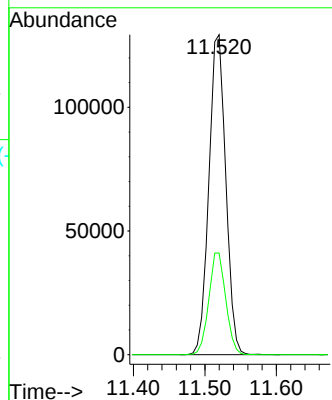
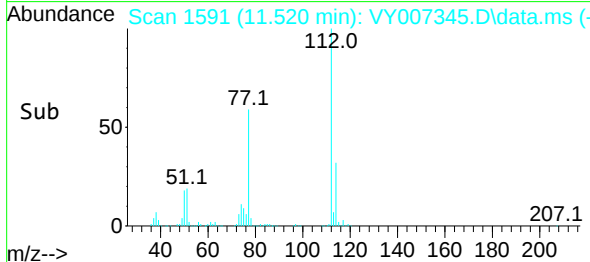
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



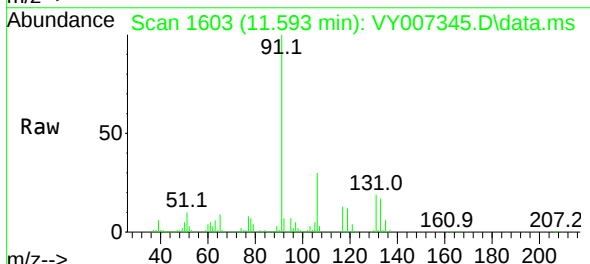
Tgt Ion:112 Resp: 212048
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7

Manual Integrations
APPROVED

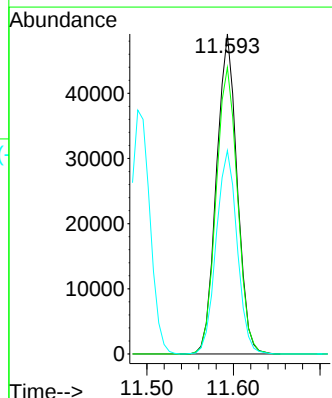
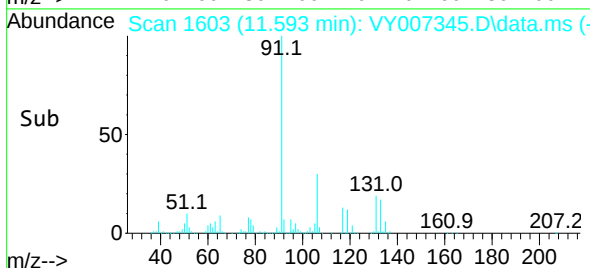
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

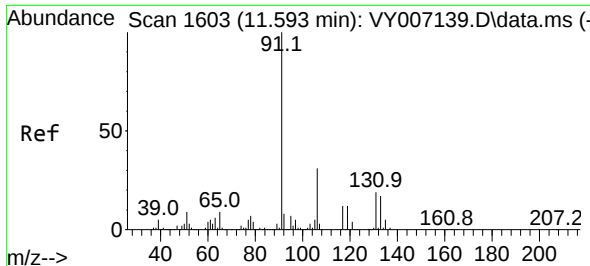


#66
1,1,1,2-Tetrachloroethane
Concen: 54.175 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



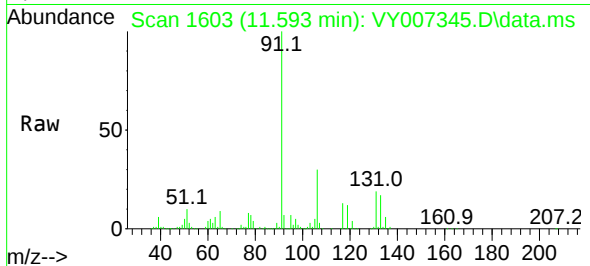
Tgt Ion:131 Resp: 81409
Ion Ratio Lower Upper
131 100
133 92.5 47.5 142.5
119 64.5 32.6 97.7





#67
Ethyl Benzene
Concen: 52.327 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

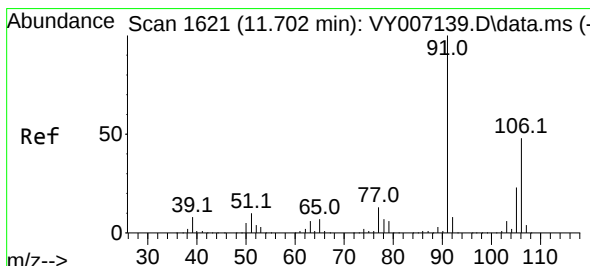
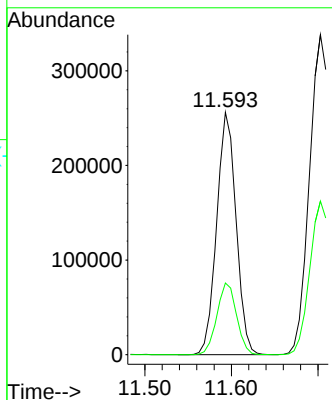
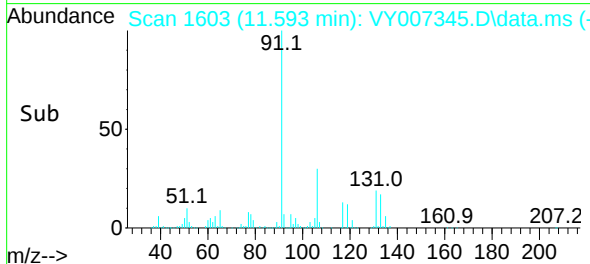
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



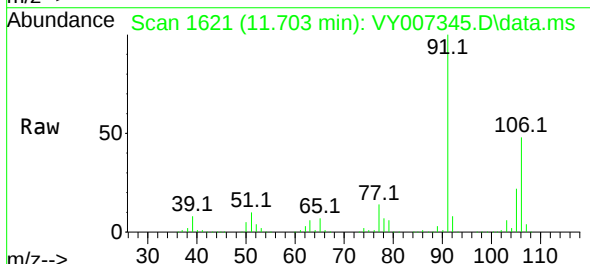
Tgt Ion: 91 Resp: 398685
Ion Ratio Lower Upper
91 100
106 29.5 23.9 35.9

Manual Integrations
APPROVED

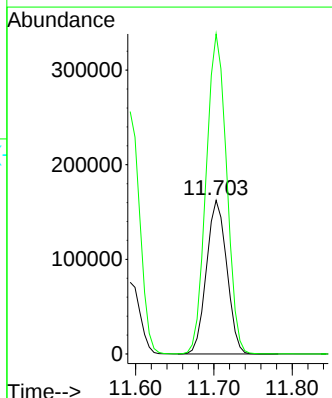
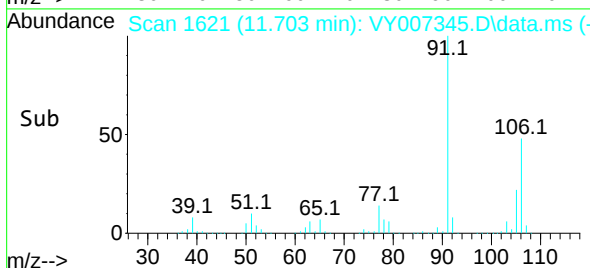
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

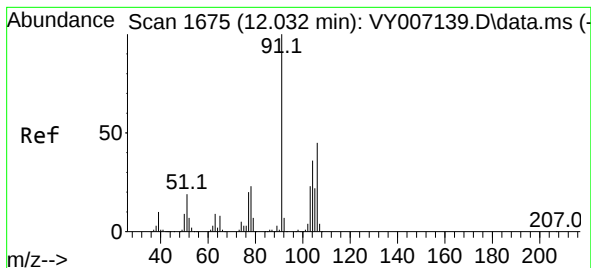


#68
m/p-Xylenes
Concen: 103.341 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



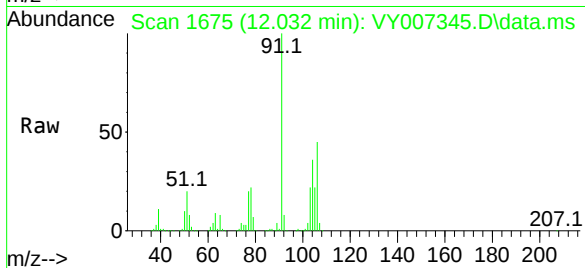
Tgt Ion:106 Resp: 292597
Ion Ratio Lower Upper
106 100
91 209.7 167.1 250.7





#69
o-Xylene
Concen: 51.088 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

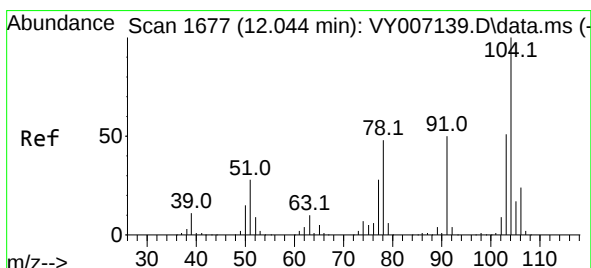
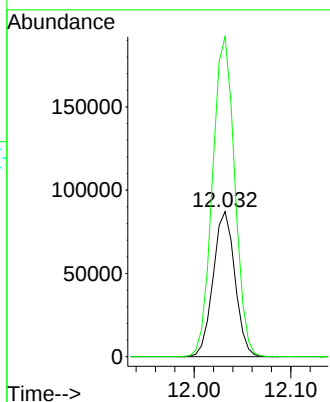
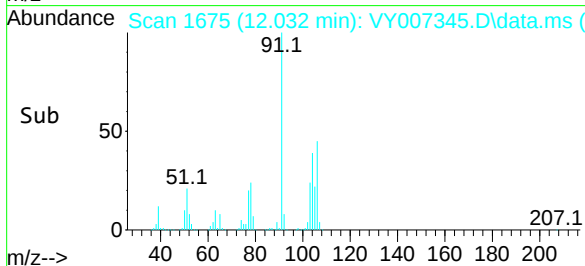
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 136223
Ion Ratio Lower Upper
106 100
91 225.0 109.9 329.6

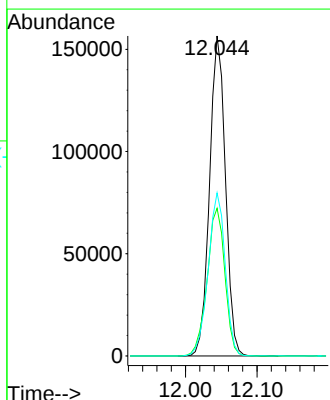
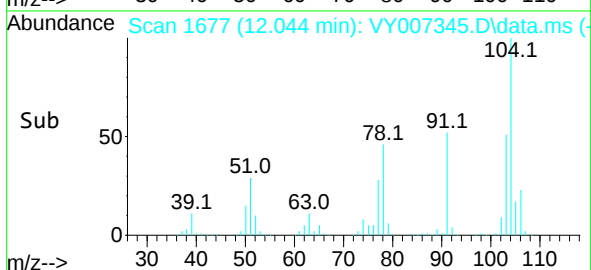
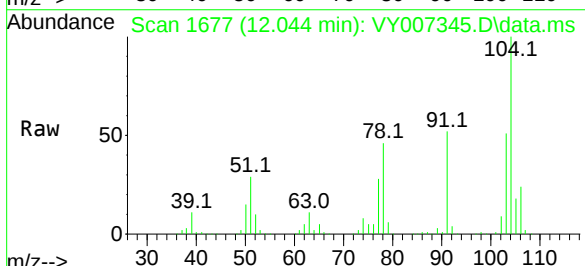
Manual Integrations
APPROVED

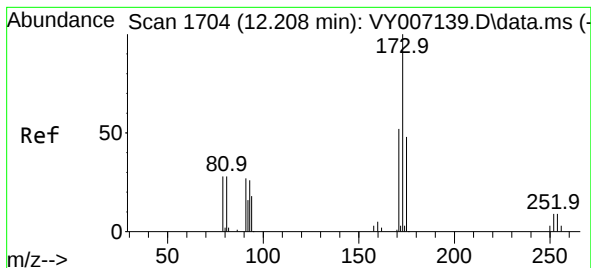
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#70
Styrene
Concen: 53.677 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

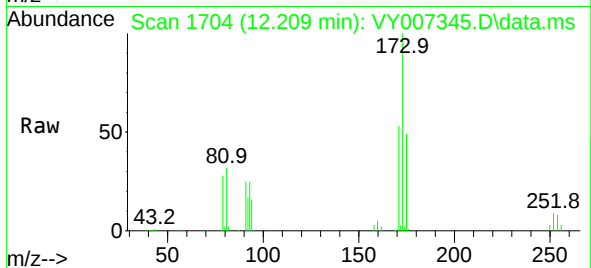
Tgt Ion:104 Resp: 241445
Ion Ratio Lower Upper
104 100
78 51.4 41.4 62.0
103 54.8 44.2 66.2





#71
Bromoform
Concen: 55.874 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

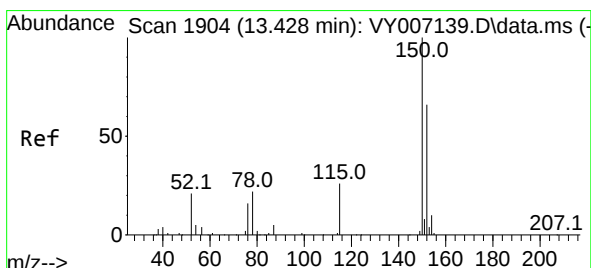
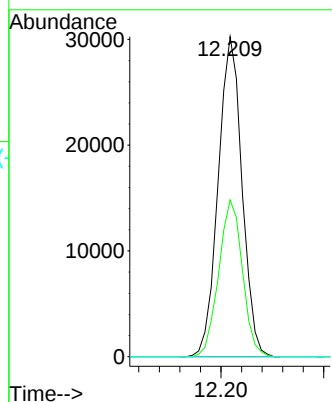
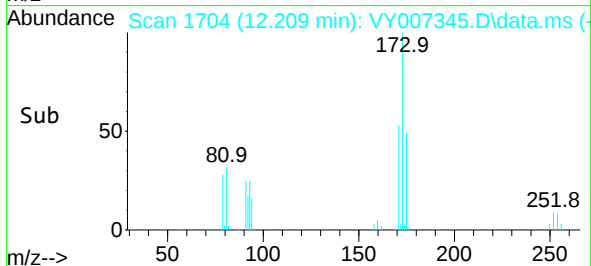
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



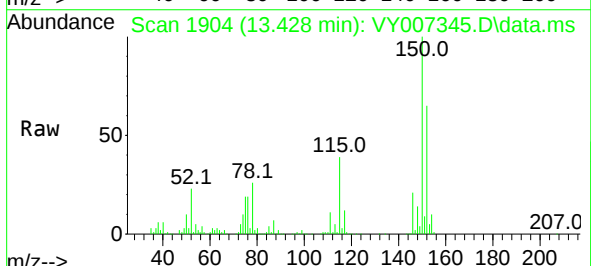
Tgt Ion:173 Resp: 48560
Ion Ratio Lower Upper
173 100
175 48.7 24.8 74.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

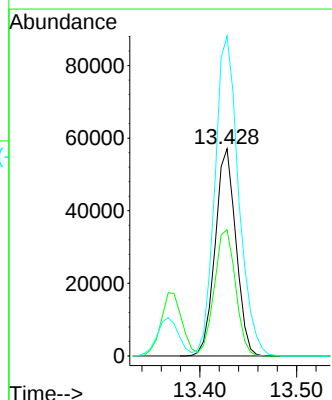
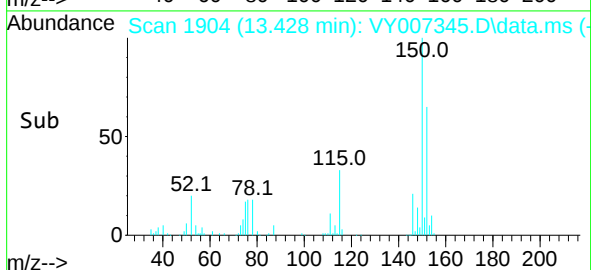
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

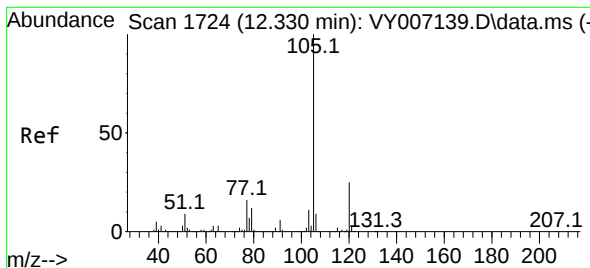


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



Tgt Ion:152 Resp: 84984
Ion Ratio Lower Upper
152 100
115 62.0 31.4 94.0
150 176.3 0.0 348.4





#73

Isopropylbenzene

Concen: 51.454 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY007345.D

Acq: 31 Jan 2022 18:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 377680

Ion Ratio Lower Upper

105 100

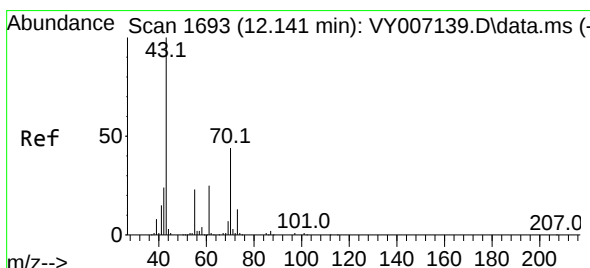
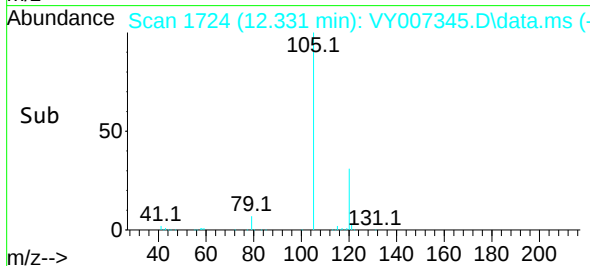
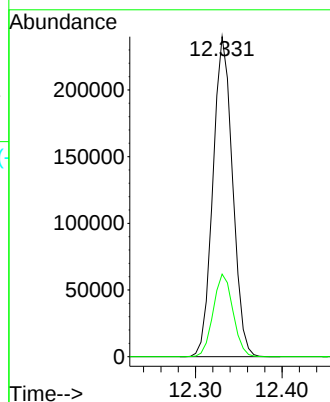
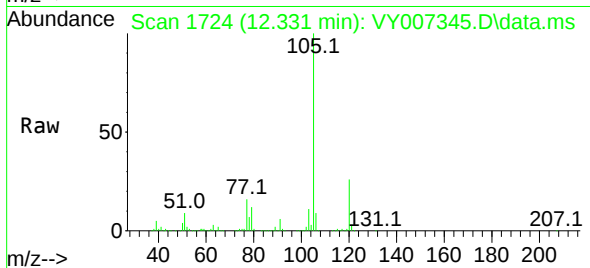
120 26.0 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/02/2022



#74

N-ethyl acetate

Concen: 55.780 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY007345.D

Acq: 31 Jan 2022 18:01

Tgt Ion: 43 Resp: 109487

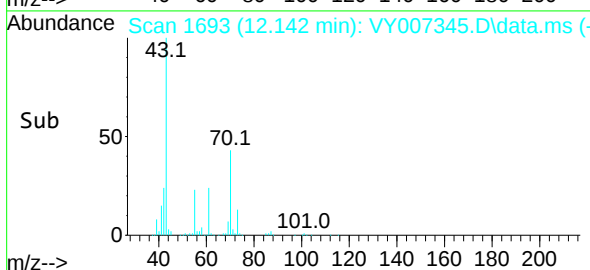
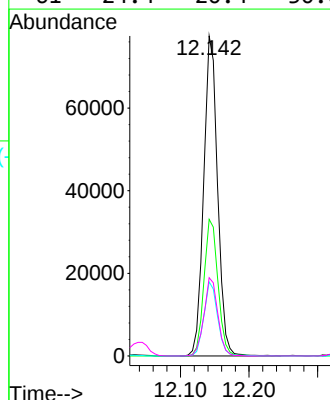
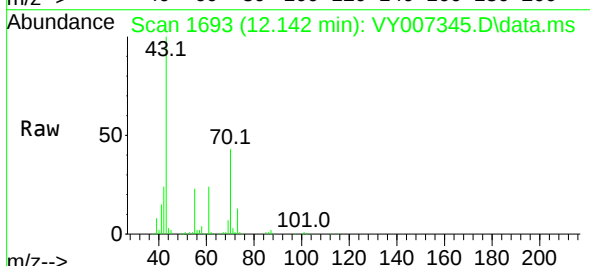
Ion Ratio Lower Upper

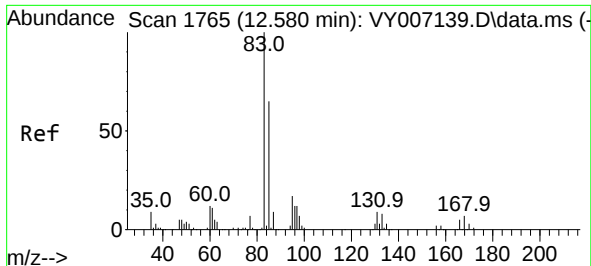
43 100

70 43.2 36.2 54.4

55 23.0 19.0 28.4

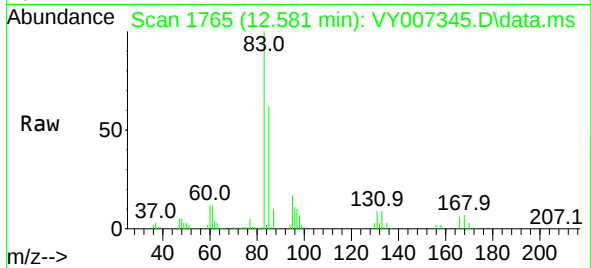
61 24.4 20.4 30.6





#75
1,1,2,2-Tetrachloroethane
Concen: 56.053 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

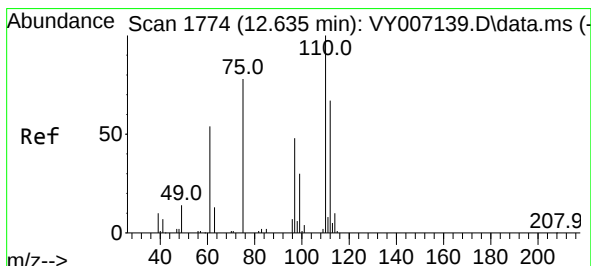
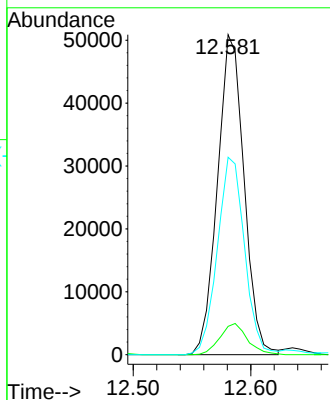
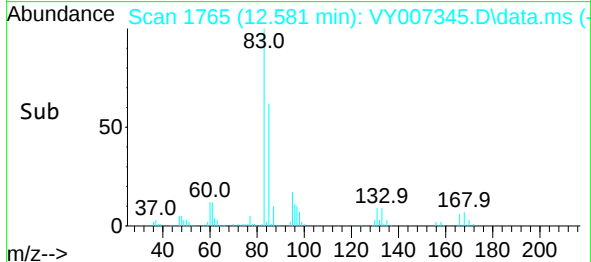
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



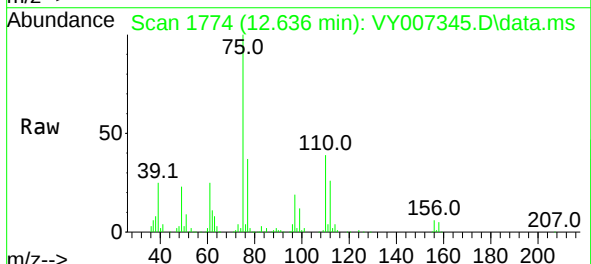
Tgt Ion: 83 Resp: 80000
Ion Ratio Lower Upper
83 100
131 10.1 5.3 16.1
85 63.1 32.4 97.2

Manual Integrations
APPROVED

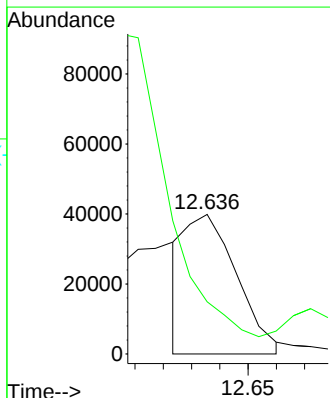
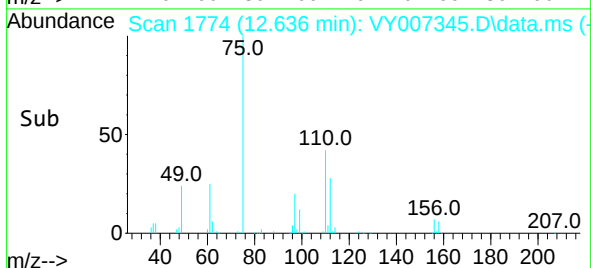
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

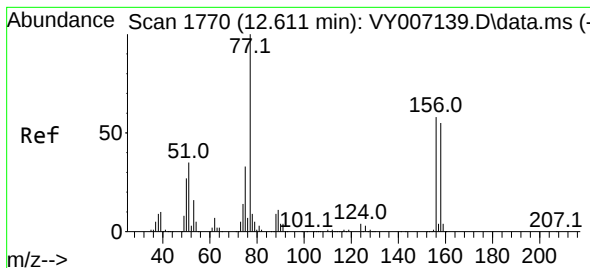


#76
1,2,3-Trichloropropane
Concen: 52.423 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



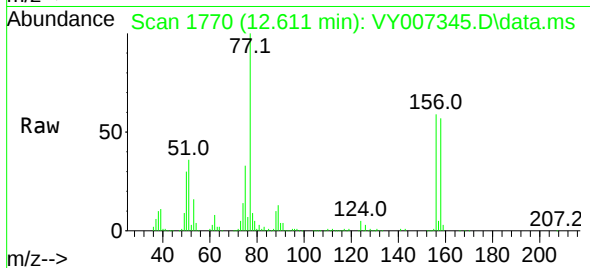
Tgt Ion: 75 Resp: 50800
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 51.999 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

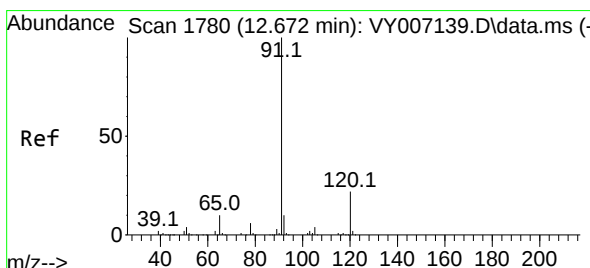
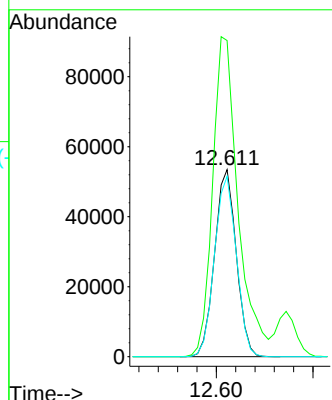
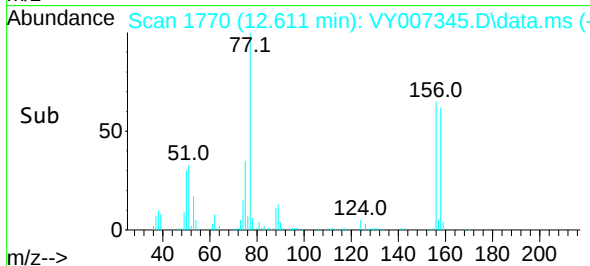
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



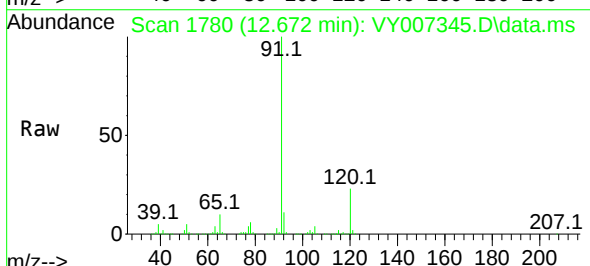
Tgt Ion: 156 Resp: 8305
Ion Ratio Lower Upper
156 100
77 200.3 98.7 296.1
158 97.5 48.4 145.2

Manual Integrations
APPROVED

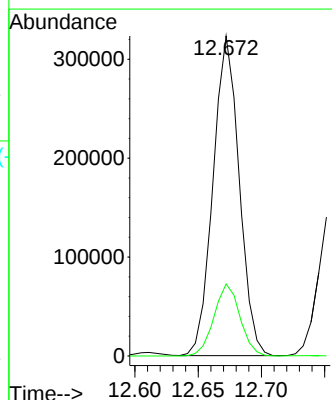
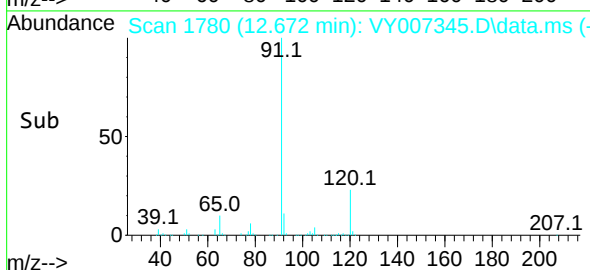
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

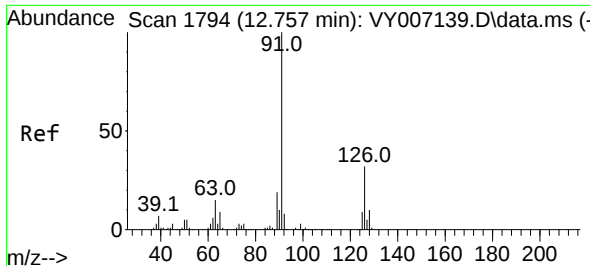


#78
n-propylbenzene
Concen: 51.081 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



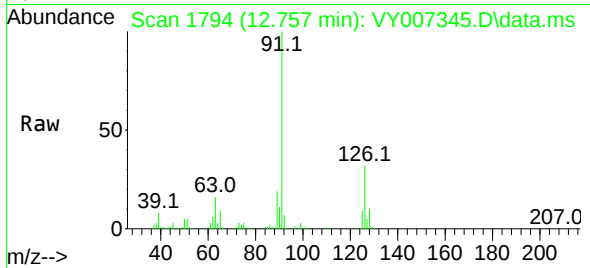
Tgt Ion: 91 Resp: 464790
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5





#79
2-Chlorotoluene
Concen: 51.248 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

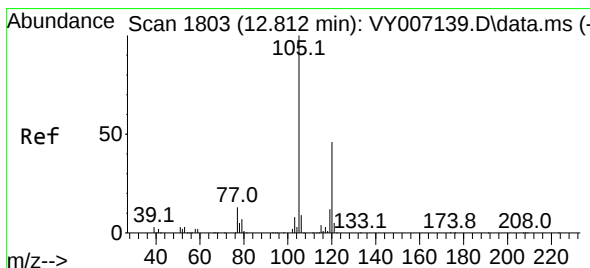
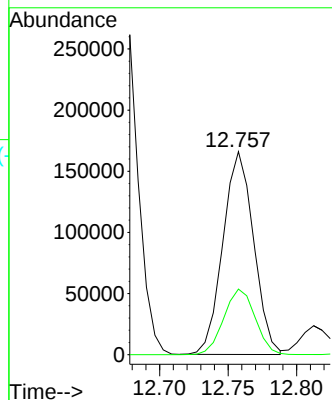
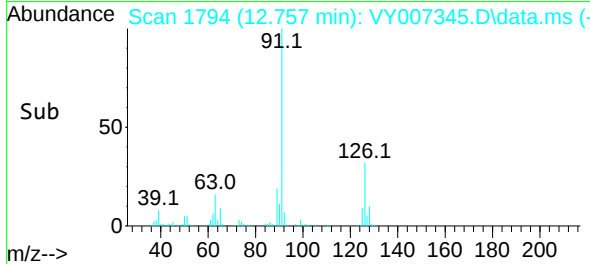
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 259270
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.1

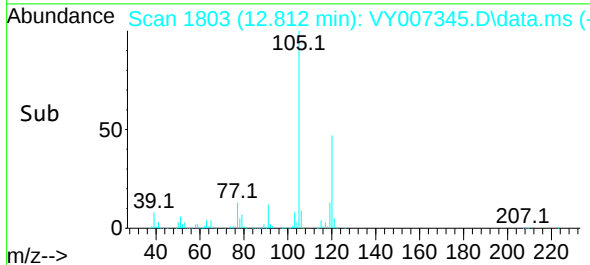
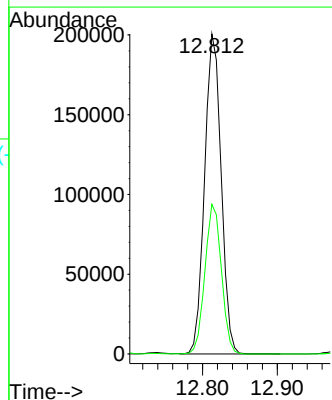
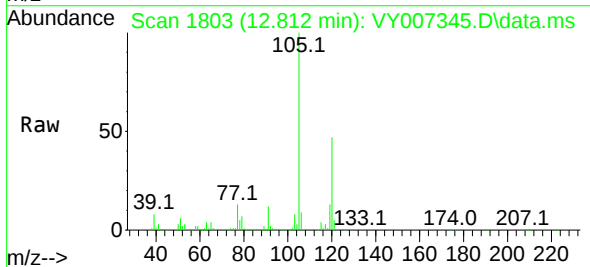
Manual Integrations
APPROVED

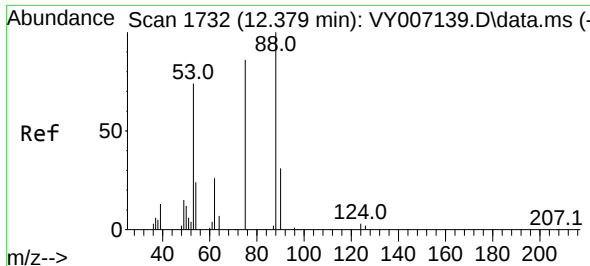
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.208 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

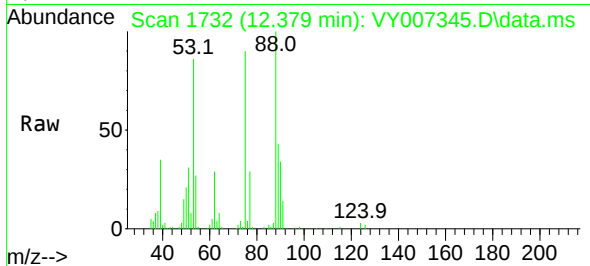
Tgt Ion:105 Resp: 308621
Ion Ratio Lower Upper
105 100
120 46.6 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 55.054 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

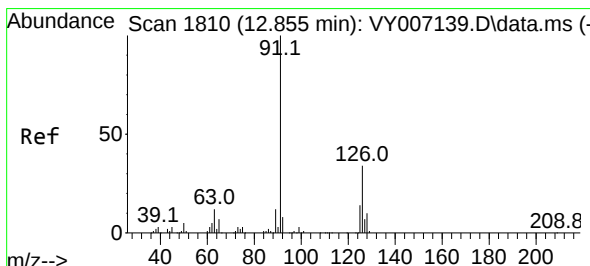
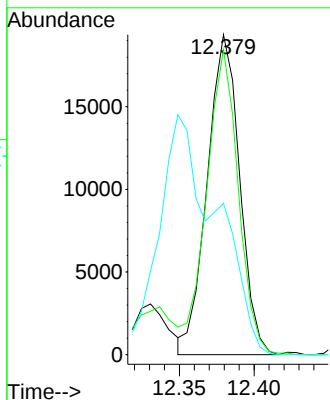
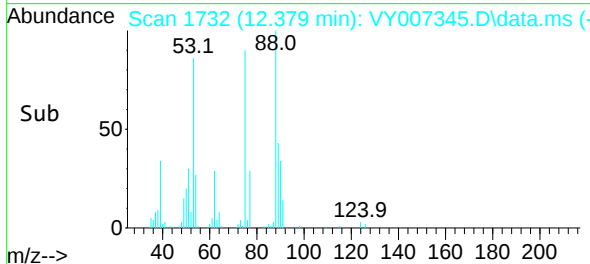
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2914
Ion Ratio Lower Upper
75 100
53 93.7 73.9 110.9
89 0.0 0.0 0.0

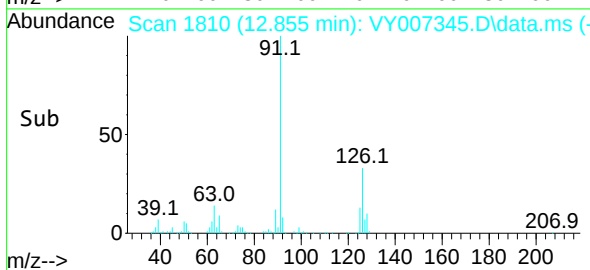
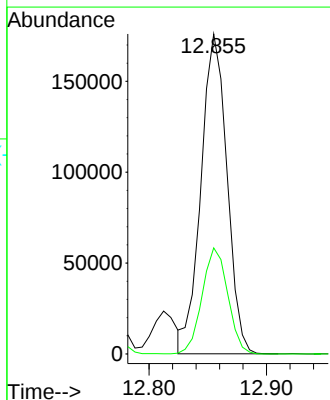
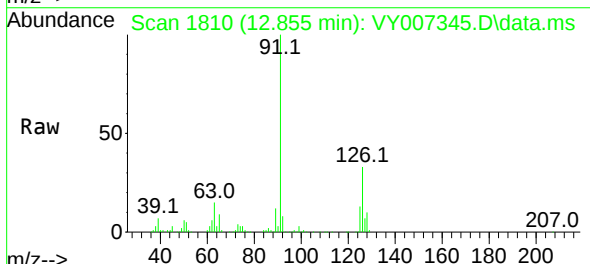
Manual Integrations
APPROVED

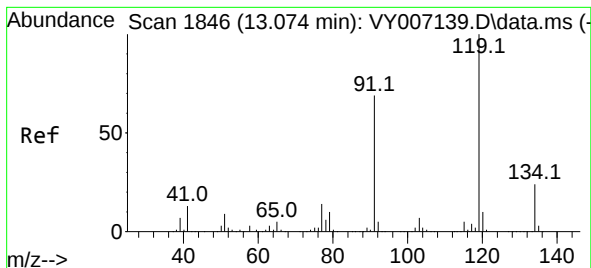
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#82
4-Chlorotoluene
Concen: 51.264 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

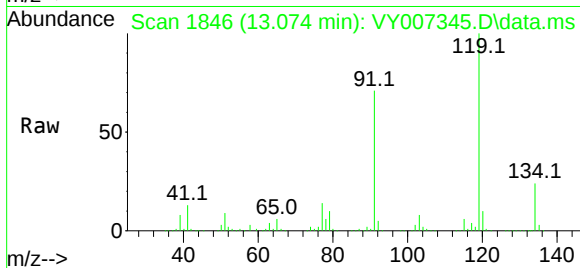
Tgt Ion: 91 Resp: 270540
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.9





#83
tert-Butylbenzene
Concen: 51.477 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

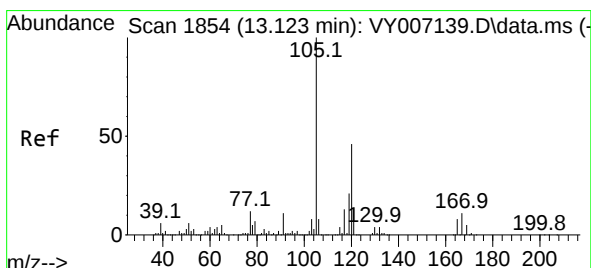
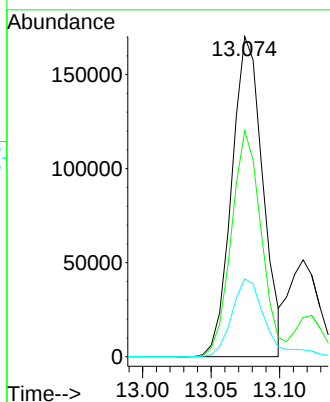
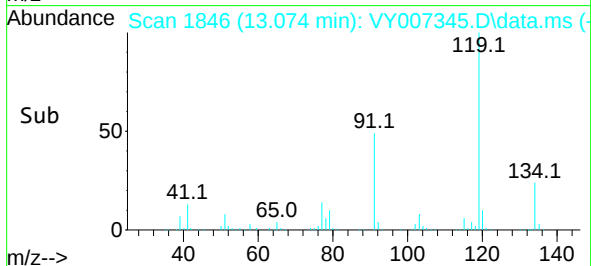
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



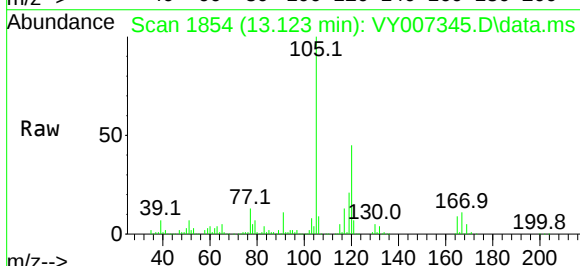
Tgt Ion:119 Resp: 268070
Ion Ratio Lower Upper
119 100
91 68.5 33.1 99.5
134 26.4 12.9 38.7

Manual Integrations
APPROVED

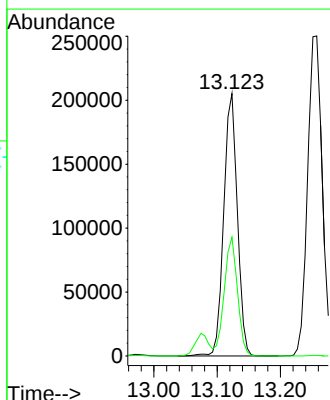
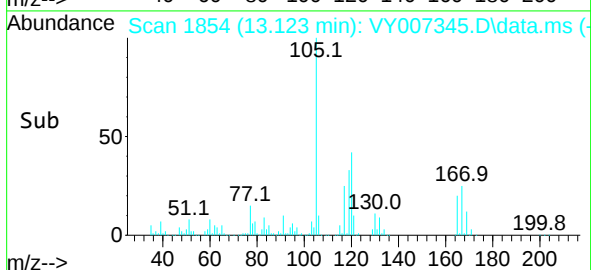
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

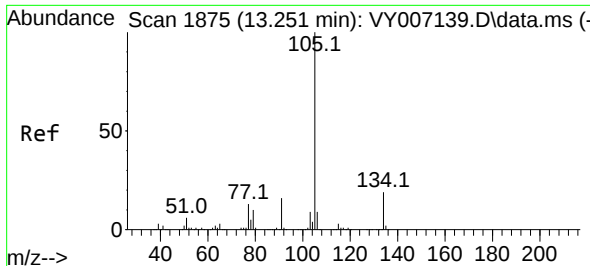


#84
1,2,4-Trimethylbenzene
Concen: 51.107 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



Tgt Ion:105 Resp: 305307
Ion Ratio Lower Upper
105 100
120 44.0 21.6 64.6





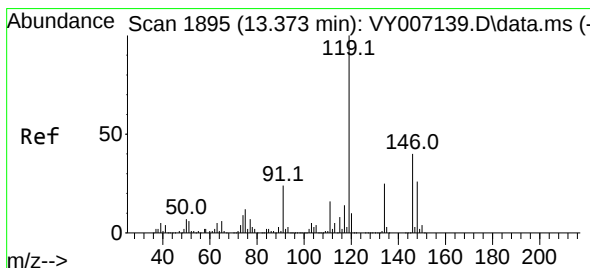
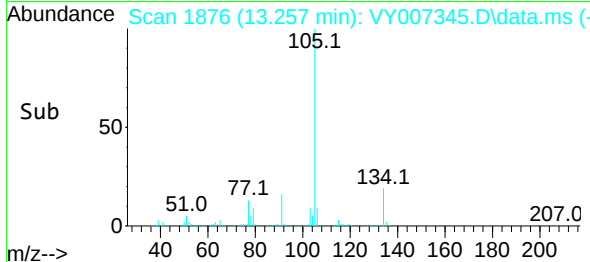
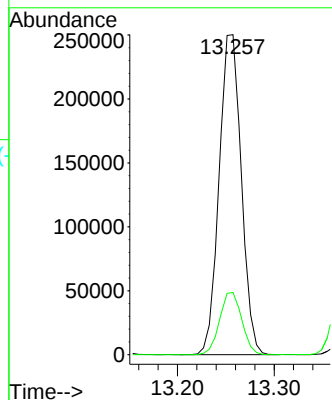
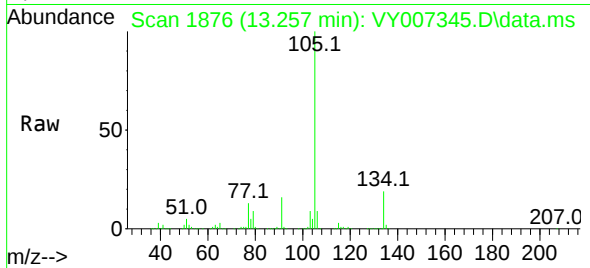
#85
 sec-Butylbenzene
 Concen: 51.161 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY007345.D
 Acq: 31 Jan 2022 18:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 398590
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.9 29.7

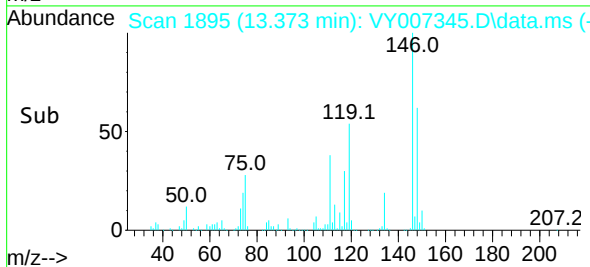
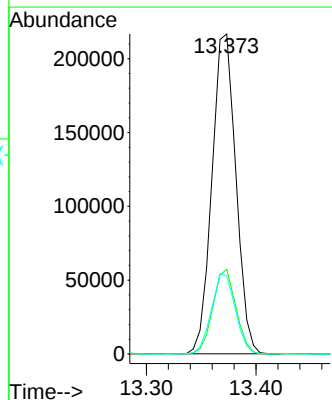
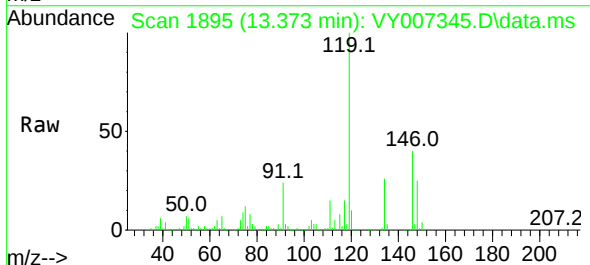
Manual Integrations
 APPROVED

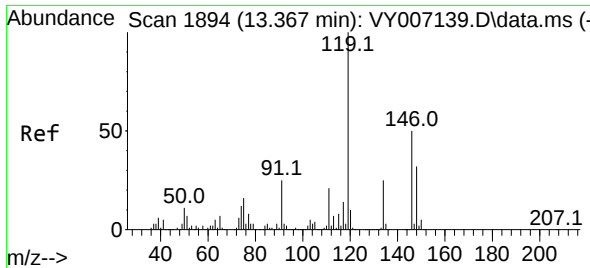
Reviewed By :John Carlone 02/01/2022
 Supervised By :Mahesh Dadoda 02/02/2022



#86
 p-Isopropyltoluene
 Concen: 51.386 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY007345.D
 Acq: 31 Jan 2022 18:01

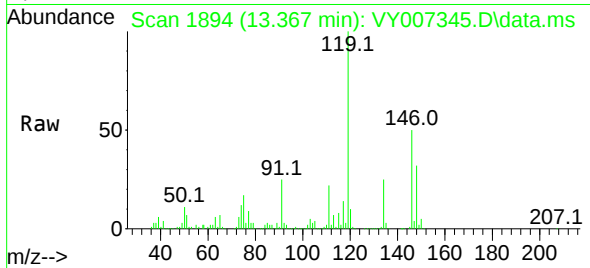
Tgt Ion:119 Resp: 328994
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 25.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 51.419 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

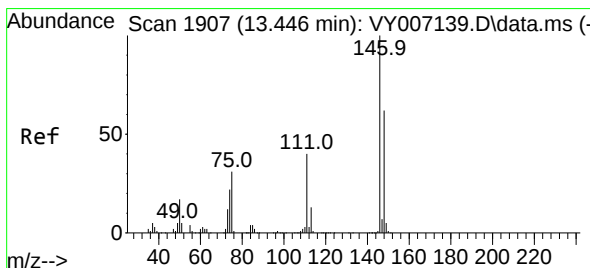
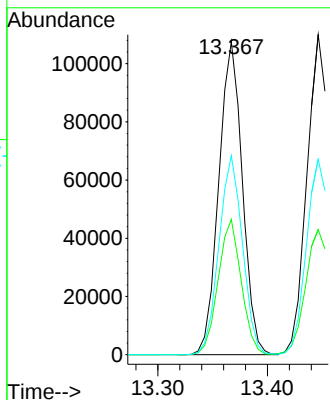
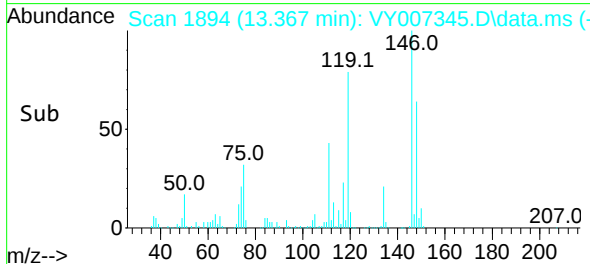
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



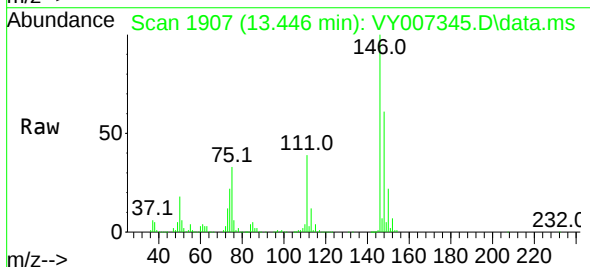
Tgt Ion:146 Resp: 16074
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.1
148 63.5 31.9 95.7

Manual Integrations
APPROVED

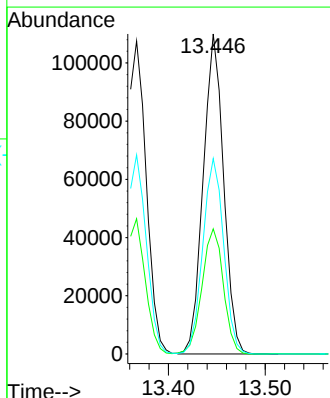
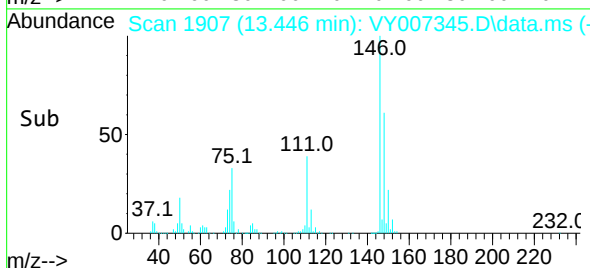
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

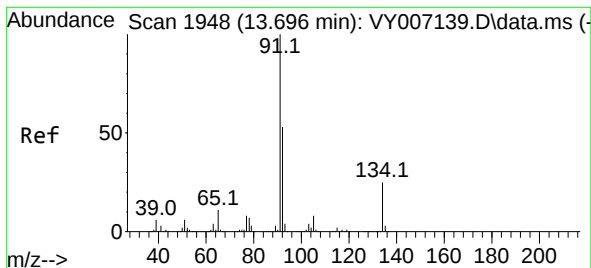


#88
1,4-Dichlorobenzene
Concen: 51.383 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



Tgt Ion:146 Resp: 161524
Ion Ratio Lower Upper
146 100
111 40.9 20.7 62.1
148 62.6 32.0 96.2





#89

n-Butylbenzene

Concen: 52.002 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY007345.D

Acq: 31 Jan 2022 18:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

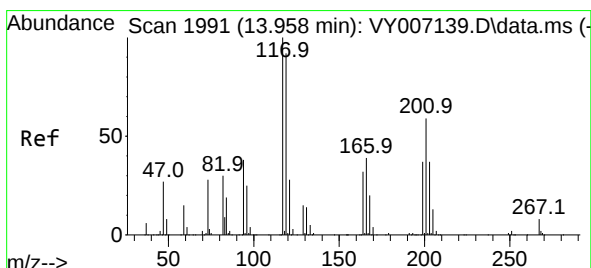
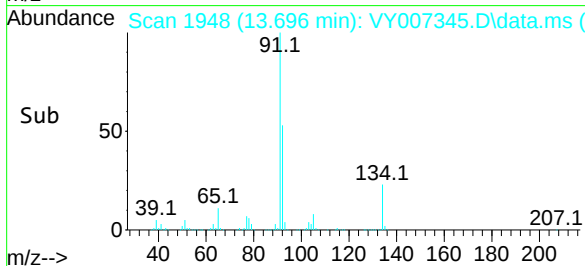
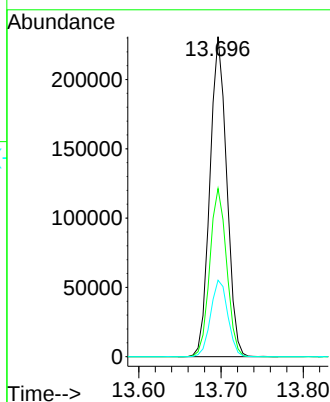
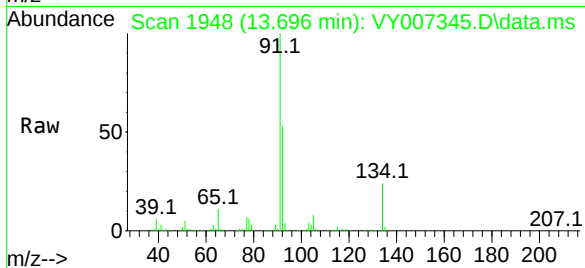
Tgt Ion: 91	Resp: 327820
Ion Ratio	Lower Upper
91	100
92	52.6 26.9 80.6
134	24.4 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2022

Supervised By :Mahesh Dadoda 02/02/2022



#90

Hexachloroethane

Concen: 52.632 ug/l

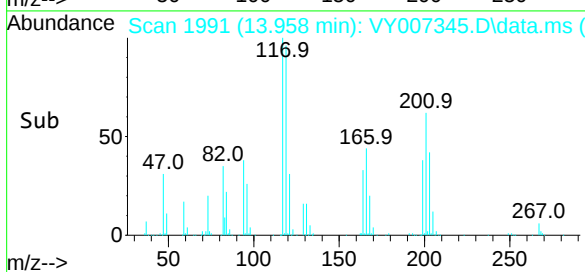
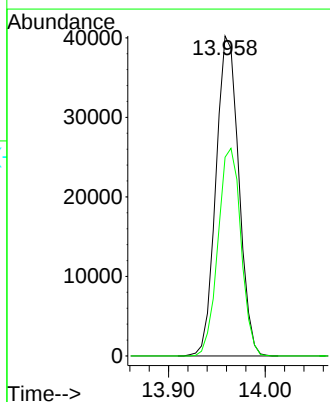
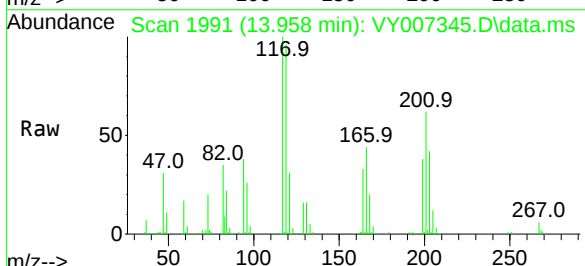
RT: 13.958 min Scan# 1991

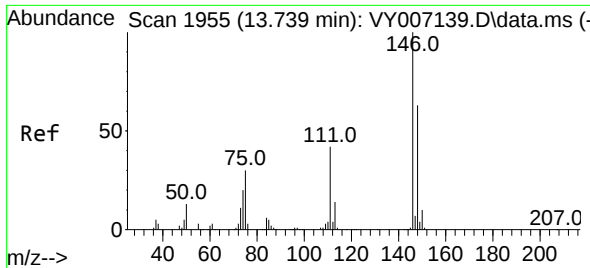
Delta R.T. 0.000 min

Lab File: VY007345.D

Acq: 31 Jan 2022 18:01

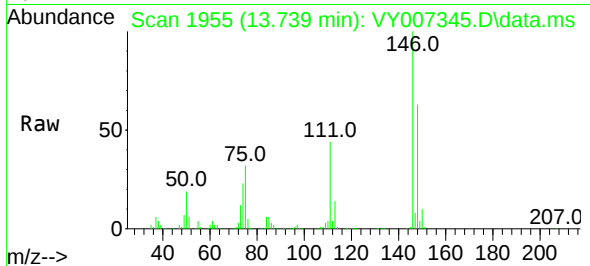
Tgt Ion: 117	Resp: 65878
Ion Ratio	Lower Upper
117	100
201	65.4 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 51.340 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

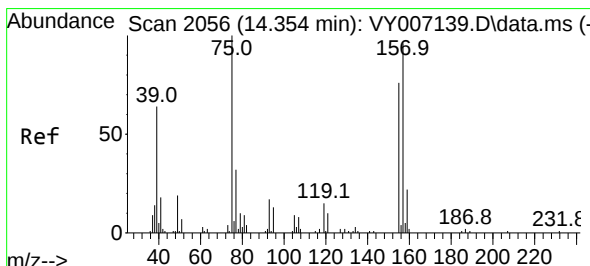
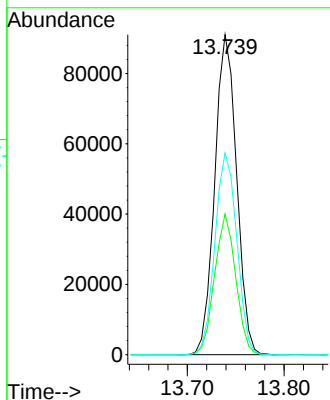
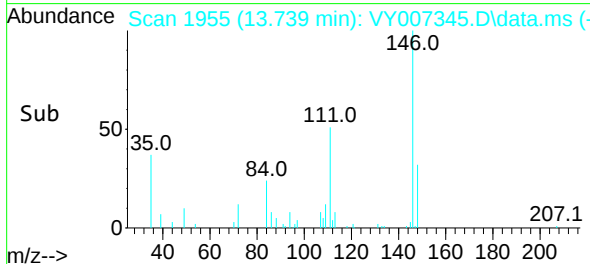
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



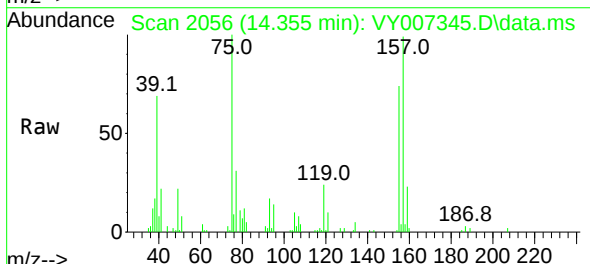
Tgt Ion:146 Resp: 14280
Ion Ratio Lower Upper
146 100
111 42.5 21.4 64.3
148 63.3 31.1 93.5

Manual Integrations
APPROVED

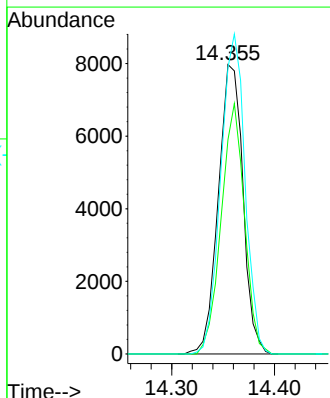
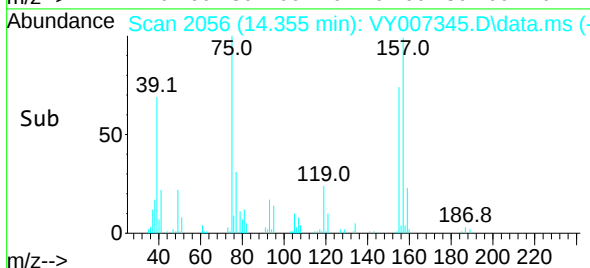
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022

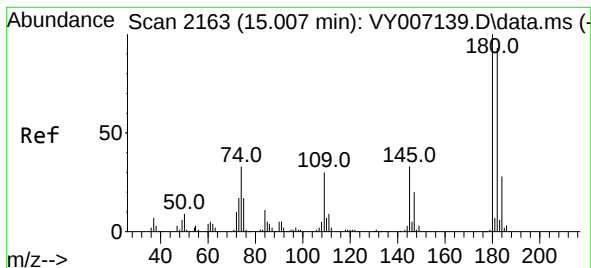


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.729 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



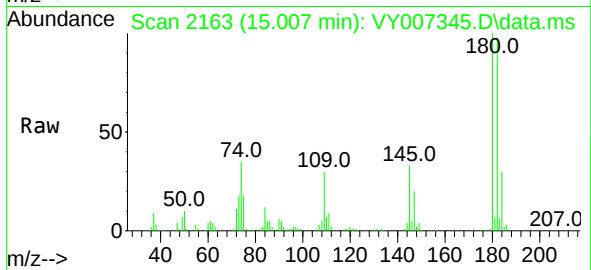
Tgt Ion: 75 Resp: 13245
Ion Ratio Lower Upper
75 100
155 81.6 40.1 120.2
157 109.1 51.7 155.2





#93
1,2,4-Trichlorobenzene
Concen: 52.157 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

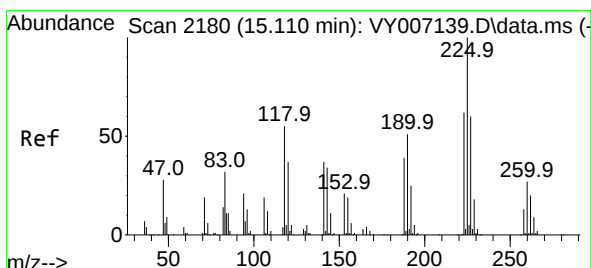
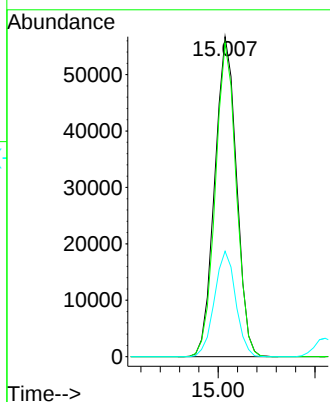
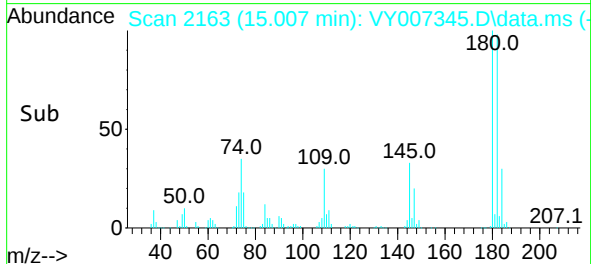
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



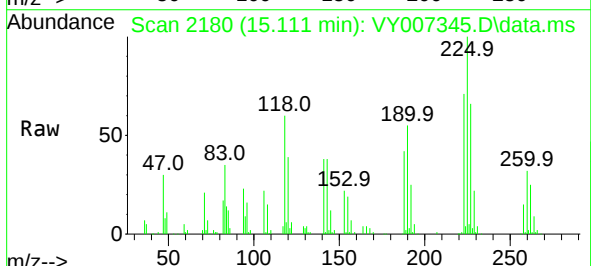
Tgt Ion:180 Resp: 88223
Ion Ratio Lower Upper
180 100
182 94.5 47.6 142.8
145 32.2 16.4 49.1

Manual Integrations
APPROVED

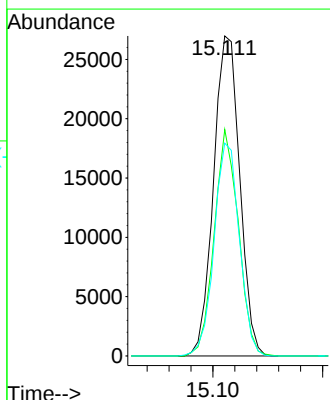
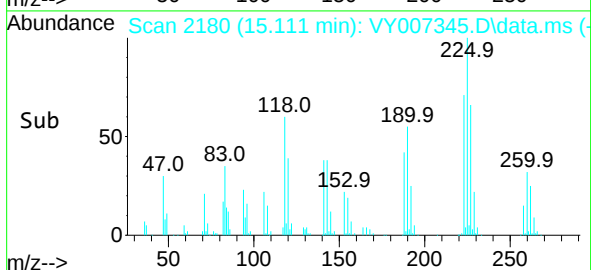
Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#94
Hexachlorobutadiene
Concen: 51.339 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



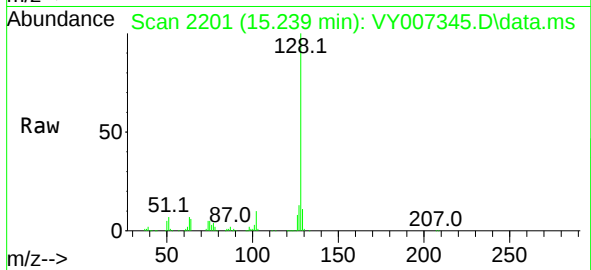
Tgt Ion:225 Resp: 44755
Ion Ratio Lower Upper
225 100
223 65.4 32.6 97.8
227 64.1 32.0 96.2





#95
Naphthalene
Concen: 54.910 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01

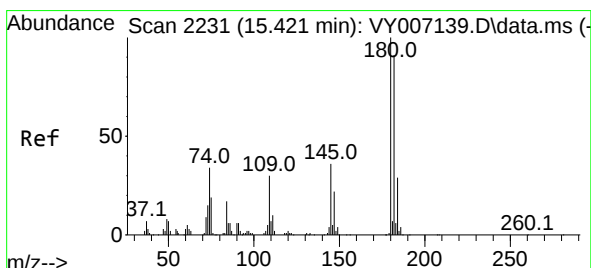
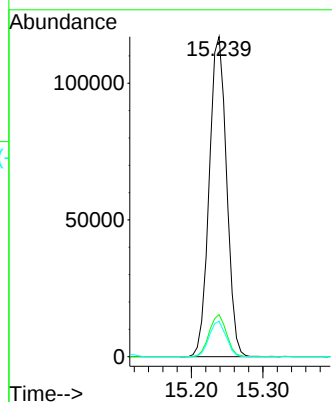
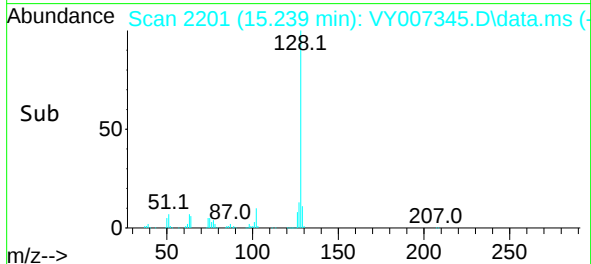
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



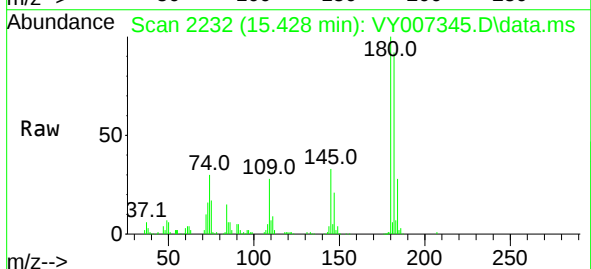
Tgt Ion:128 Resp: 197272
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2022
Supervised By :Mahesh Dadoda 02/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.436 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY007345.D
Acq: 31 Jan 2022 18:01



Tgt Ion:180 Resp: 75669
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.8
145 35.1 17.2 51.5

