

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
 Data File : VY007138.D
 Acq On : 13 Jan 2022 12:23
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/14/2022
 Supervised By : Mahesh Dadoda 01/14/2022

Quant Time: Jan 14 05:27:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:26:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	138490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	33693	20.137	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.280%#		
35) Dibromofluoromethane	7.722	113	32348	20.404	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.800%#		
50) Toluene-d8	10.179	98	118874	20.336	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	40.680%#		
62) 4-Bromofluorobenzene	12.483	95	42172	20.043	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	40.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	7750	16.267	ug/l	94
3) Chloromethane	2.113	50	18738	18.713	ug/l	95
4) Vinyl Chloride	2.259	62	27586	18.908	ug/l	97
5) Bromomethane	2.656	94	17000	17.510	ug/l	95
6) Chloroethane	2.802	64	17485	19.504	ug/l	99
7) Trichlorofluoromethane	3.131	101	30469	17.452	ug/l	97
8) Diethyl Ether	3.528	74	16176	18.490	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.906	101	29295	19.071	ug/l	97
10) Methyl Iodide	4.088	142	43906	18.613	ug/l	98
11) Tert butyl alcohol	4.966	59	14569	109.144	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	29739	18.846	ug/l	100
13) Acrolein	3.729	56	4288	97.768	ug/l	99
14) Allyl chloride	4.479	41	47892	19.754	ug/l	97
15) Acrylonitrile	5.168	53	37704	93.605	ug/l	98
16) Acetone	3.954	43	35358	105.805	ug/l	100
17) Carbon Disulfide	4.198	76	83290	18.535	ug/l	99
18) Methyl Acetate	4.479	43	30727	21.209	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	57799	18.422	ug/l	97
20) Methylene Chloride	4.710	84	34346	18.413	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	32454	19.012	ug/l	97
22) Diisopropyl ether	6.119	45	97657	19.772	ug/l	99
23) Vinyl Acetate	6.058	43	267719	93.405	ug/l	97
24) 1,1-Dichloroethane	6.021	63	59030	19.649	ug/l	100
25) 2-Butanone	6.984	43	49057	98.618	ug/l	97
26) 2,2-Dichloropropane	6.984	77	43584	18.883	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	36520	18.980	ug/l	97
28) Bromochloromethane	7.332	49	19442	17.503	ug/l	97
29) Tetrahydrofuran	7.350	42	31937	92.047	ug/l	98
30) Chloroform	7.509	83	61136	19.357	ug/l	97
31) Cyclohexane	7.789	56	55226	19.387	ug/l #	94
32) 1,1,1-Trichloroethane	7.704	97	52214	19.071	ug/l	99
36) 1,1-Dichloropropene	7.917	75	47465	19.095	ug/l	99
37) Ethyl Acetate	7.076	43	22831	18.494	ug/l	98
38) Carbon Tetrachloride	7.899	117	51174	19.622	ug/l	98
39) Methylcyclohexane	9.185	83	58497	18.853	ug/l	98
40) Benzene	8.161	78	128031	19.073	ug/l	99

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Quant Title : SW846 8260

QLast Update : Fri Jan 14 05:26:06 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	15868m	22.751	ug/l	
42) 1,2-Dichloroethane	8.240	62	41019	19.896	ug/l	99
43) Isopropyl Acetate	8.271	43	44451	18.570	ug/l	100
44) Trichloroethene	8.941	130	34403	18.537	ug/l	96
45) 1,2-Dichloropropane	9.216	63	32484	19.449	ug/l	98
46) Dibromomethane	9.307	93	18400	18.507	ug/l	99
47) Bromodichloromethane	9.496	83	46670	18.796	ug/l	96
48) Methyl methacrylate	9.289	41	19540	18.250	ug/l	96
49) 1,4-Dioxane	9.313	88	3792	365.203	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	112483	95.144	ug/l	97
52) Toluene	10.246	92	80837	18.854	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	48436	18.631	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	55513	18.963	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	26235	19.403	ug/l	97
56) Ethyl methacrylate	10.508	69	35027	18.484	ug/l	96
57) 1,3-Dichloropropane	10.795	76	44153	18.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	77895	90.037	ug/l	99
59) 2-Hexanone	10.831	43	75238	97.449	ug/l	96
60) Dibromochloromethane	10.984	129	30750	18.261	ug/l	99
61) 1,2-Dibromoethane	11.087	107	24716	18.265	ug/l	99
64) Tetrachloroethene	10.721	164	28405	19.449	ug/l	94
65) Chlorobenzene	11.514	112	86418	19.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	31577	19.197	ug/l	99
67) Ethyl Benzene	11.593	91	162012	19.508	ug/l	99
68) m/p-Xylenes	11.703	106	120599	38.803	ug/l	100
69) o-Xylene	12.032	106	56471	19.426	ug/l	99
70) Styrene	12.044	104	94629	19.242	ug/l	98
71) Bromoform	12.209	173	17410	18.501	ug/l #	98
73) Isopropylbenzene	12.331	105	151949	19.384	ug/l	100
74) N-amyl acetate	12.142	43	38573	19.168	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	28135	18.776	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	17464m	16.237	ug/l	
77) Bromobenzene	12.611	156	32507	18.832	ug/l	97
78) n-propylbenzene	12.672	91	190453	19.886	ug/l	99
79) 2-Chlorotoluene	12.758	91	105278	19.334	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	124924	19.398	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10122	17.990	ug/l #	96
82) 4-Chlorotoluene	12.855	91	108748	19.338	ug/l	99
83) tert-Butylbenzene	13.075	119	108016	19.082	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	125430	19.774	ug/l	98
85) sec-Butylbenzene	13.258	105	162124	19.574	ug/l	100
86) p-Isopropyltoluene	13.373	119	133754	19.682	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	65043	19.491	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	63844	19.168	ug/l	99
89) n-Butylbenzene	13.696	91	131650	19.862	ug/l	99
90) Hexachloroethane	13.959	117	25712	19.121	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	56961	19.389	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4591	18.361	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	32291	18.476	ug/l	99
94) Hexachlorobutadiene	15.111	225	17660	19.598	ug/l	97
95) Naphthalene	15.239	128	66453	18.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	26975	18.327	ug/l	99

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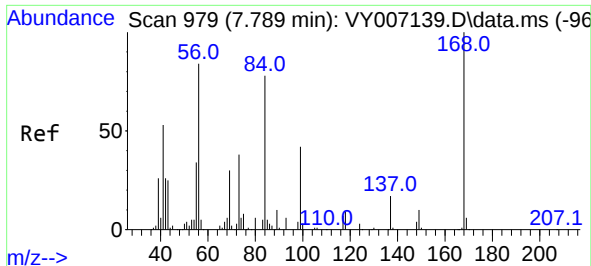
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/14/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

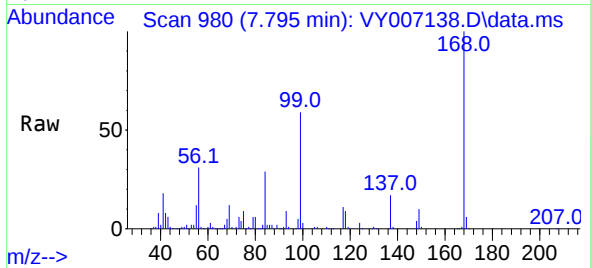
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007138.D
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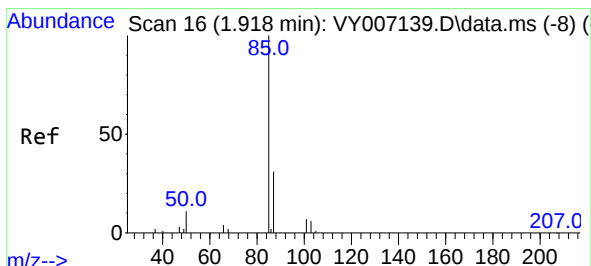
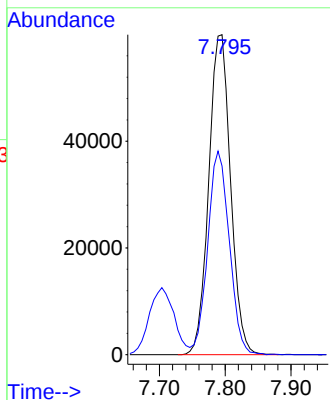
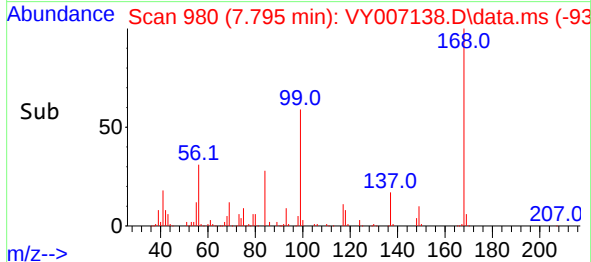
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 138490
Ion Ratio Lower Upper
168 100
99 58.8 49.1 73.7

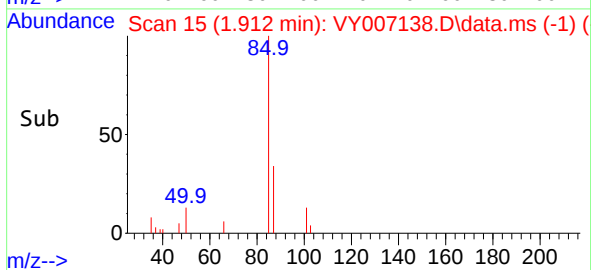
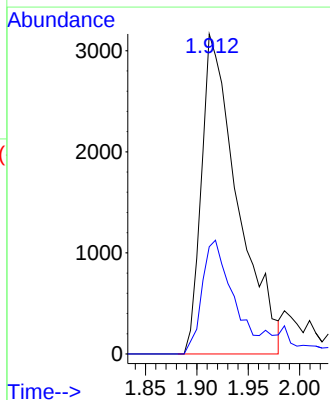
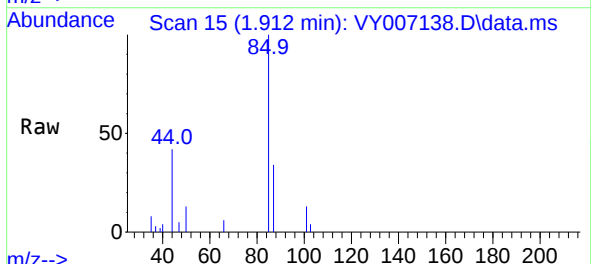
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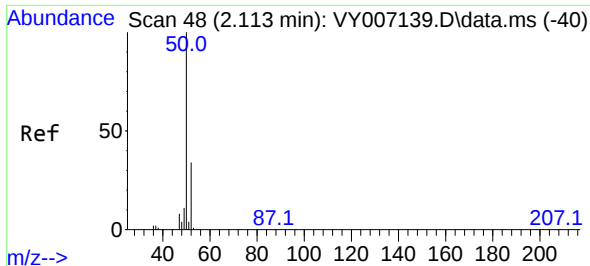
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#2
Dichlorodifluoromethane
Concen: 16.267 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

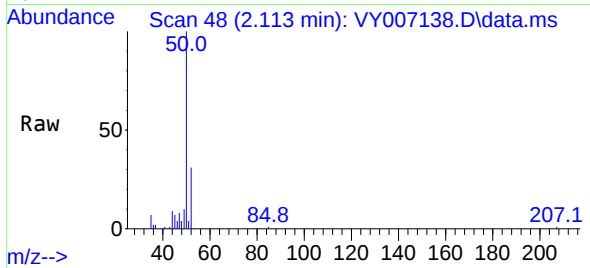
Tgt Ion: 85 Resp: 7750
Ion Ratio Lower Upper
85 100
87 33.5 15.2 45.6





#3
Chloromethane
Concen: 18.713 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

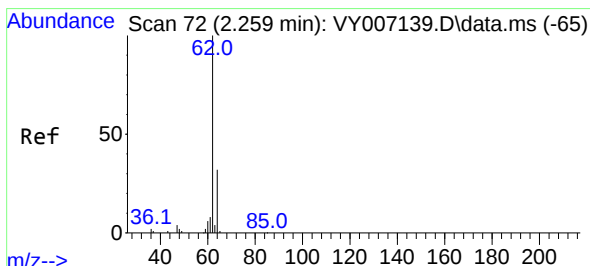
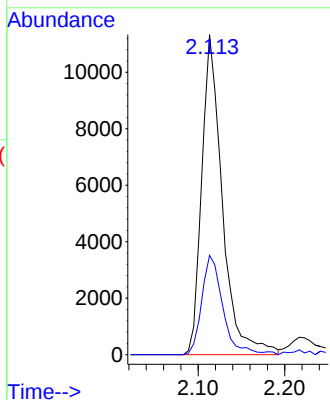
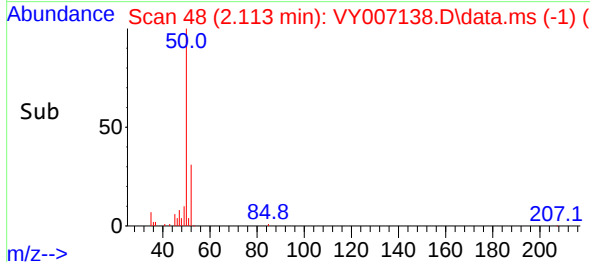
Instrument :
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Tgt Ion: 50 Resp: 18738
Ion Ratio Lower Upper
50 100
52 31.1 27.1 40.7

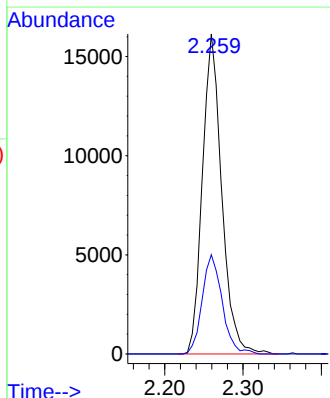
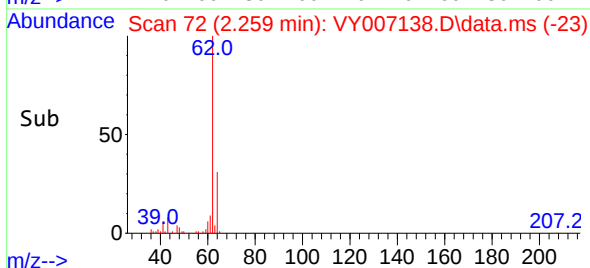
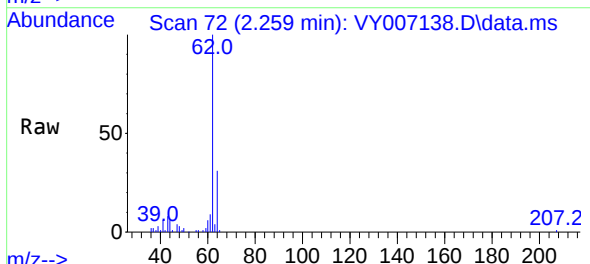
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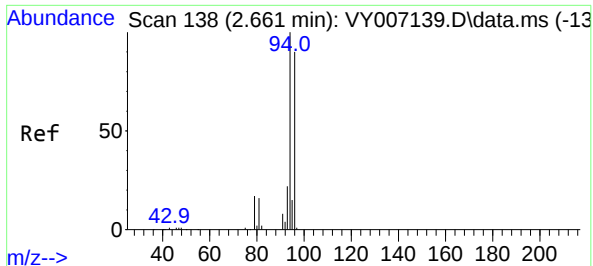
Reviewed By :John Carlone 01/14/2022
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#4
Vinyl Chloride
Concen: 18.908 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

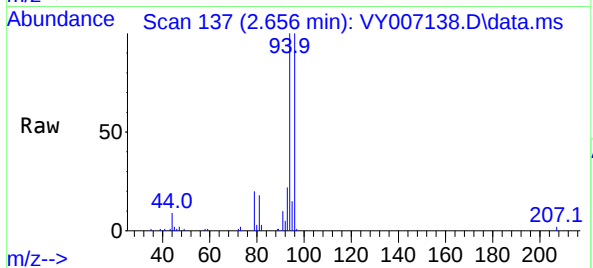
Tgt Ion: 62 Resp: 27586
Ion Ratio Lower Upper
62 100
64 31.0 26.1 39.1





#5
Bromomethane
Concen: 17.510 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

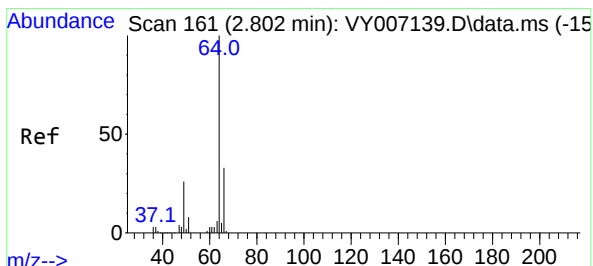
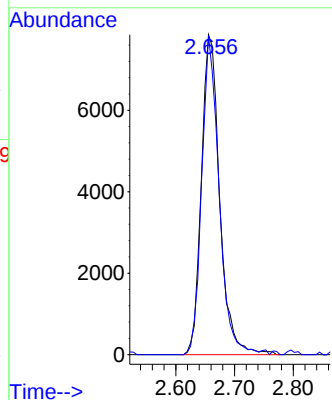
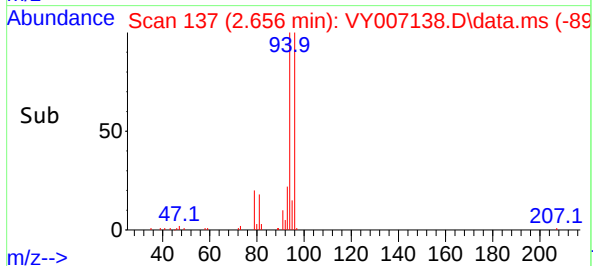
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Tgt Ion: 94 Resp: 17000
Ion Ratio Lower Upper
94 100
96 99.7 75.8 113.6

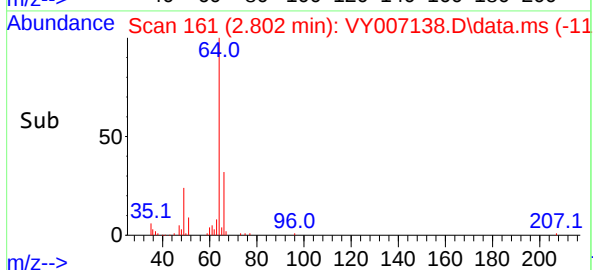
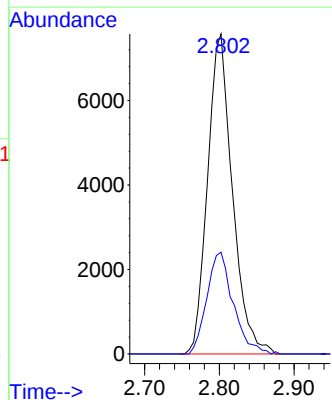
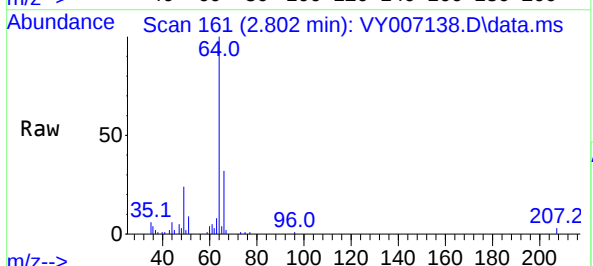
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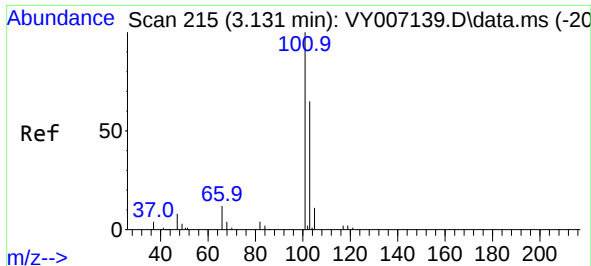
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#6
Chloroethane
Concen: 19.504 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

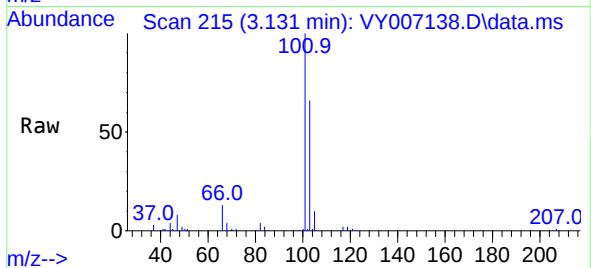
Tgt Ion: 64 Resp: 17485
Ion Ratio Lower Upper
64 100
66 31.8 24.8 37.2





#7
Trichlorofluoromethane
Concen: 17.452 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

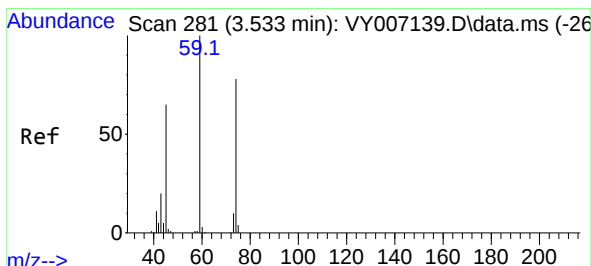
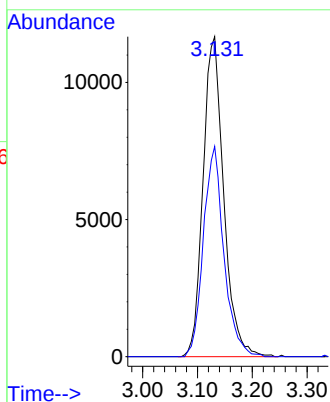
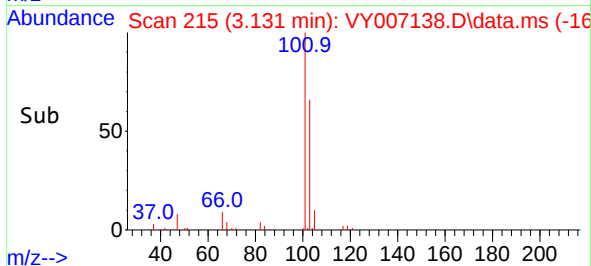
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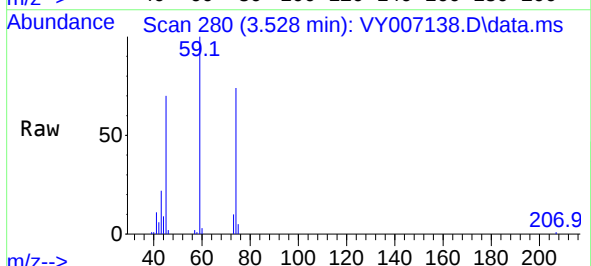
Tgt Ion:101 Resp: 30469
Ion Ratio Lower Upper
101 100
103 65.7 50.6 76.0

Manual Integrations
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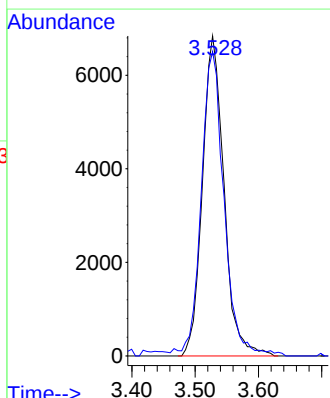
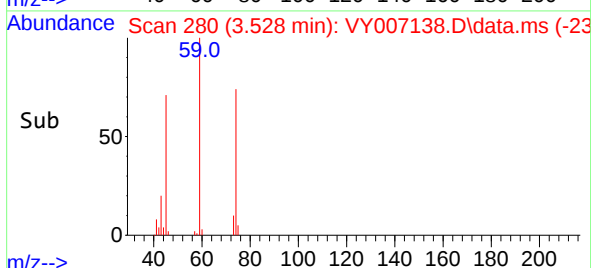
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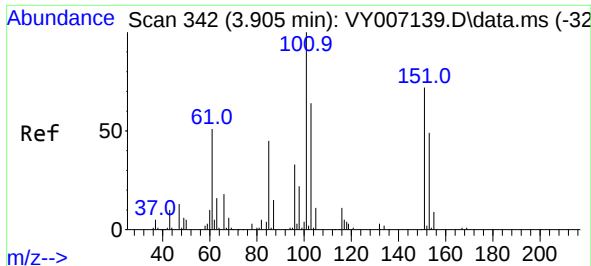


#8
Diethyl Ether
Concen: 18.490 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



Tgt Ion: 74 Resp: 16176
Ion Ratio Lower Upper
74 100
45 100.9 46.1 138.3





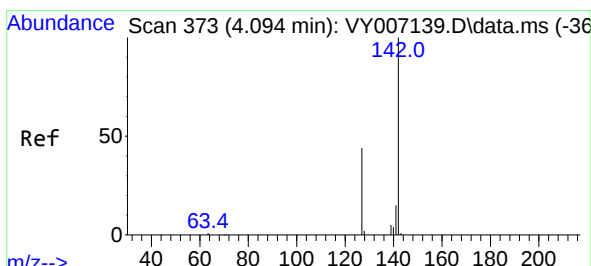
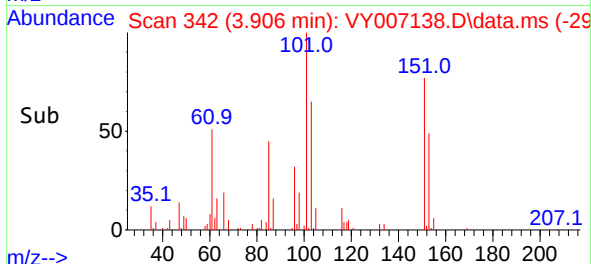
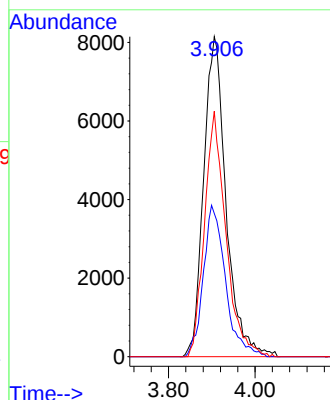
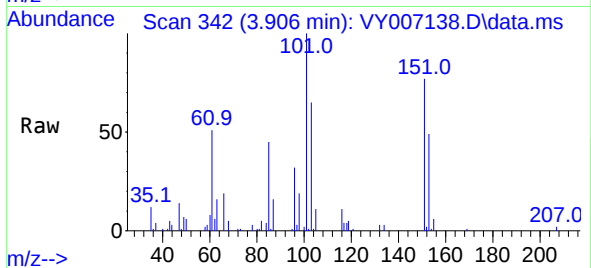
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.071 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 2929
Ion Ratio Lower Upper
101 100
85 46.8 35.4 53.0
151 73.4 60.4 90.6

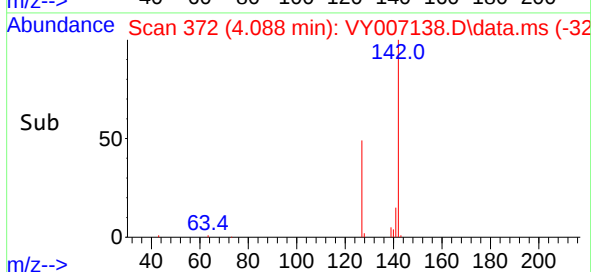
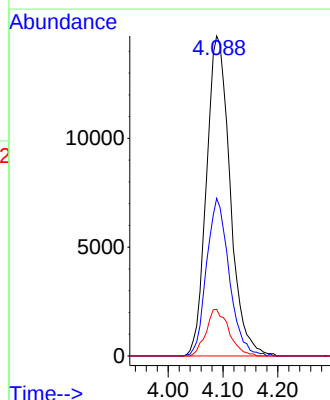
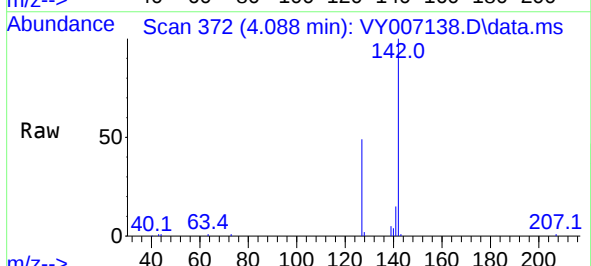
Manual Integrations
APPROVED

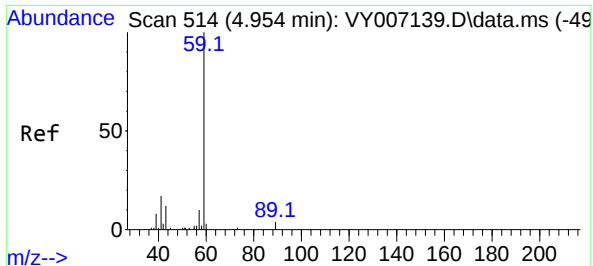
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#10
Methyl Iodide
Concen: 18.613 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

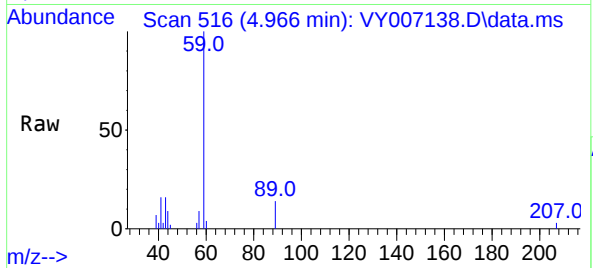
Tgt Ion:142 Resp: 43906
Ion Ratio Lower Upper
142 100
127 47.3 36.2 54.4
141 14.1 11.5 17.3





#11
Tert butyl alcohol
Concen: 109.144 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.013 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

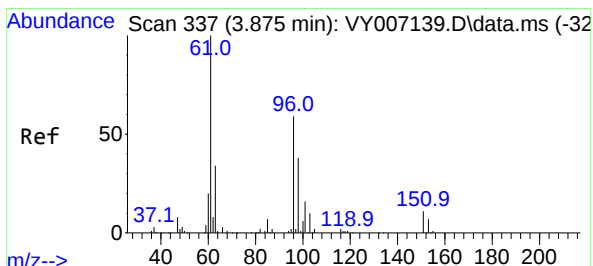
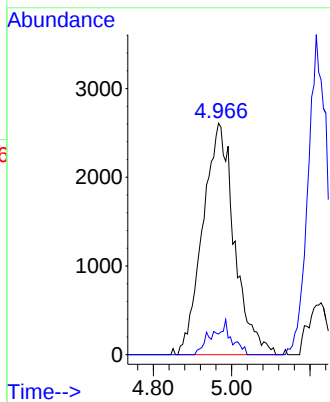
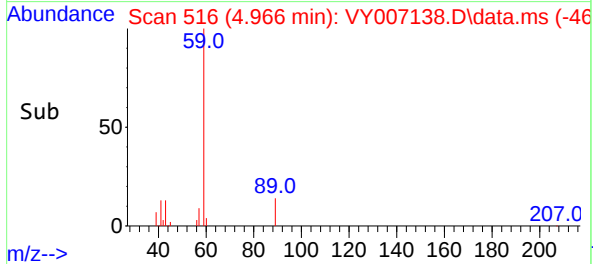
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



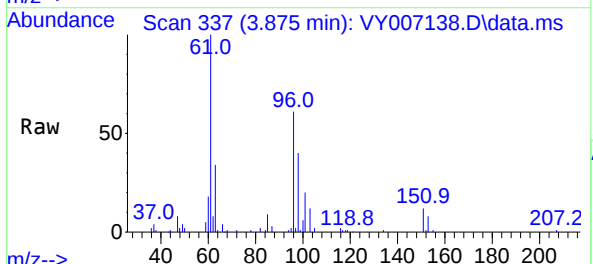
Tgt Ion: 59 Resp: 14569
Ion Ratio Lower Upper
59 100
57 4.2 8.1 12.1

Manual Integrations
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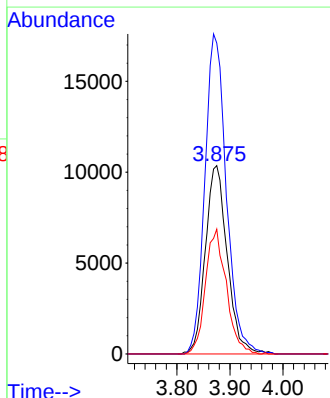
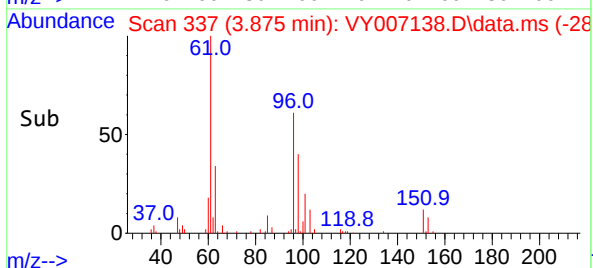
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

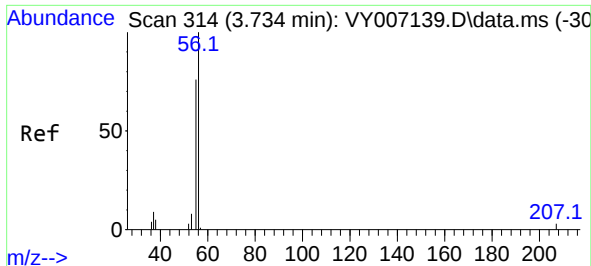


#12
1,1-Dichloroethene
Concen: 18.846 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



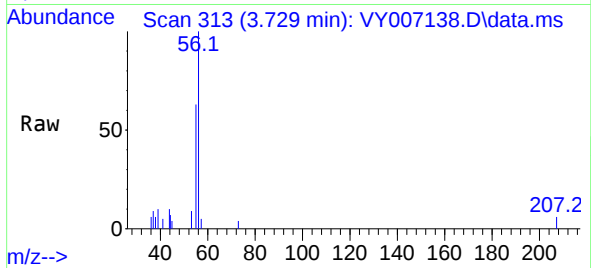
Tgt Ion: 96 Resp: 29739
Ion Ratio Lower Upper
96 100
61 165.0 131.9 197.9
98 66.3 52.7 79.1





#13
Acrolein
Concen: 97.768 ug/l
RT: 3.729 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

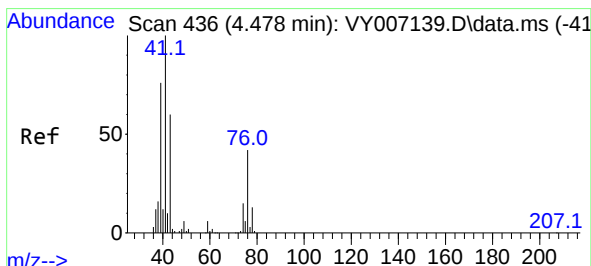
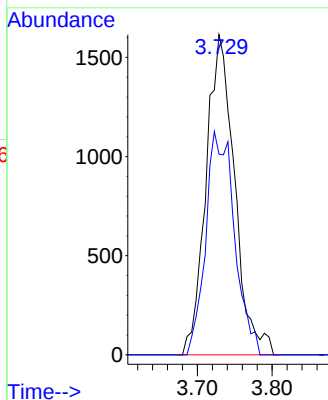
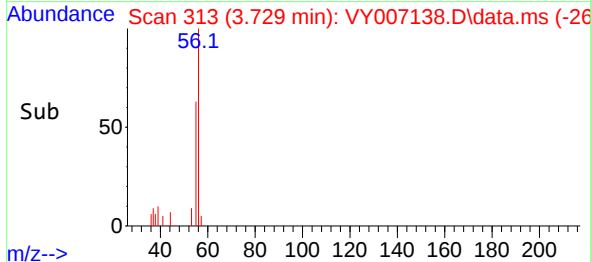
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



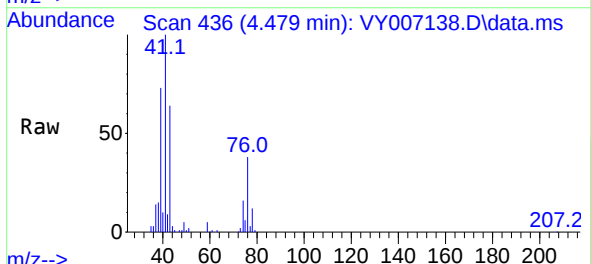
Tgt Ion: 56 Resp: 4288
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5

Manual Integrations
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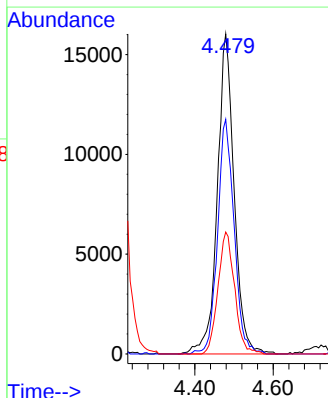
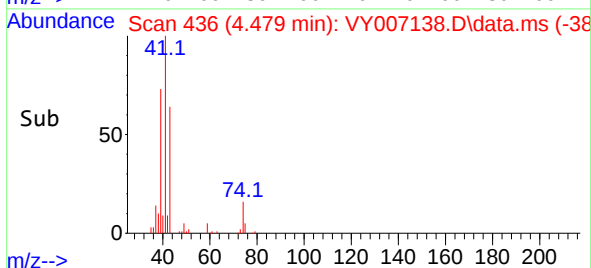
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

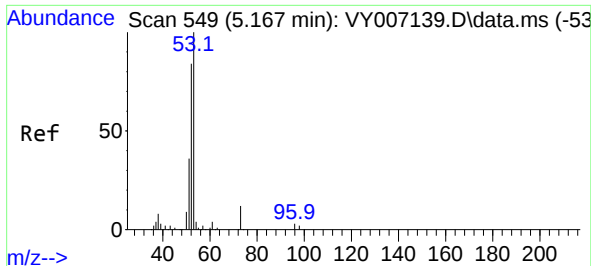


#14
Allyl chloride
Concen: 19.754 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



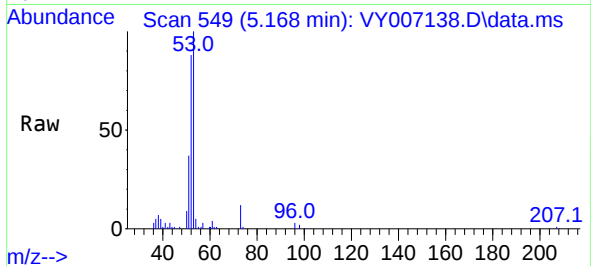
Tgt Ion: 41 Resp: 47892
Ion Ratio Lower Upper
41 100
39 72.1 56.1 84.1
76 37.7 31.4 47.2





#15
Acrylonitrile
Concen: 93.605 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

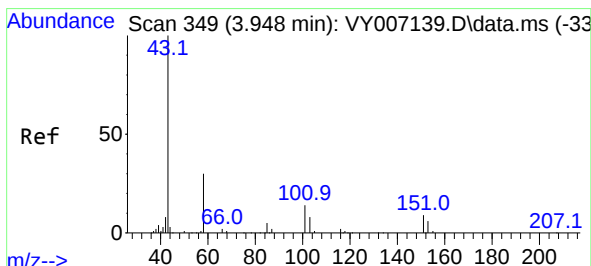
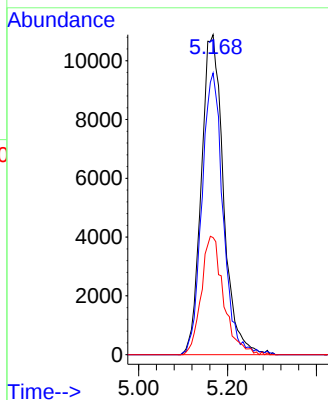
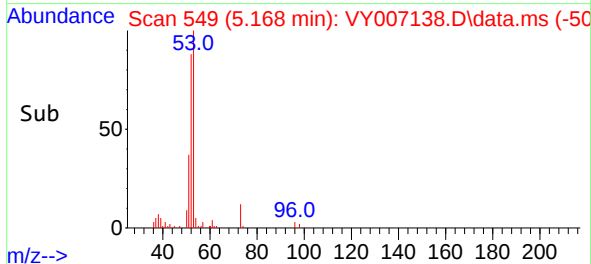
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



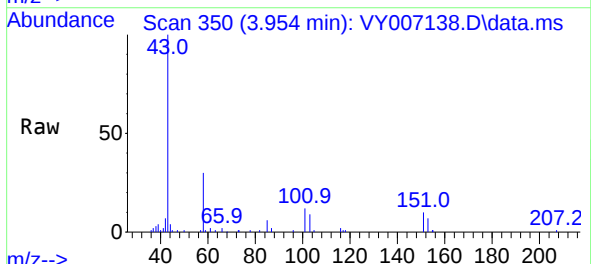
Tgt Ion: 53 Resp: 37704
Ion Ratio Lower Upper
53 100
52 84.0 65.4 98.2
51 37.3 29.4 44.2

Manual Integrations
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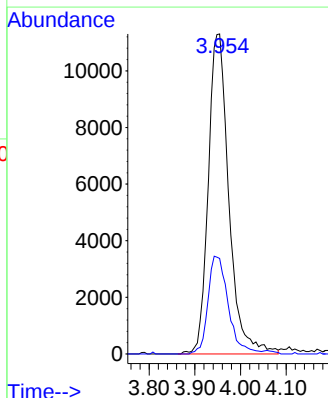
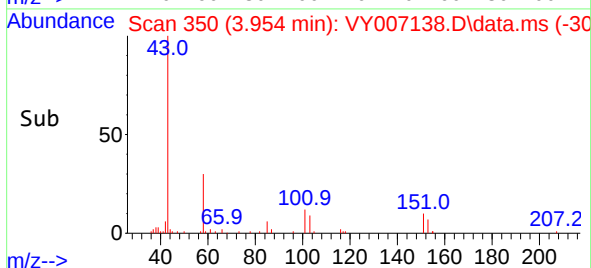
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

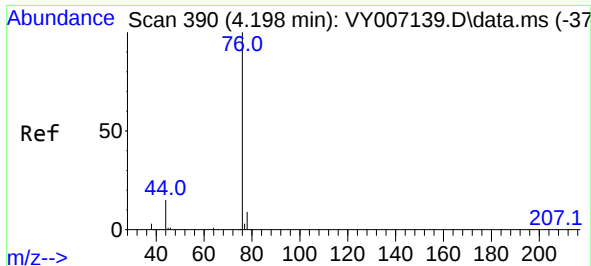


#16
Acetone
Concen: 105.805 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.007 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



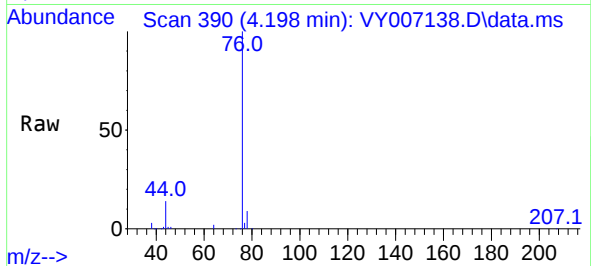
Tgt Ion: 43 Resp: 35358
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.6





#17
Carbon Disulfide
Concen: 18.535 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

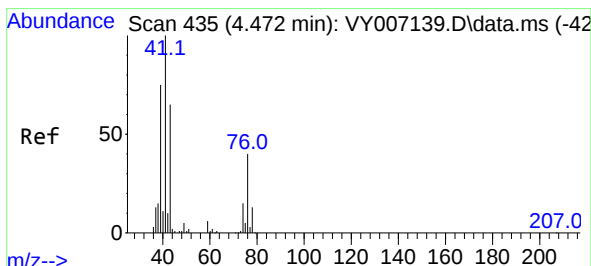
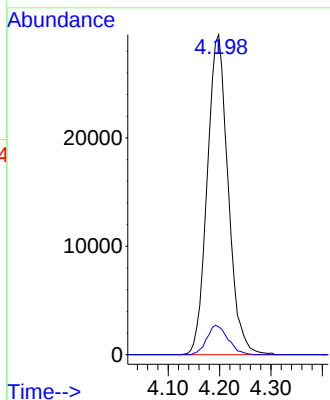
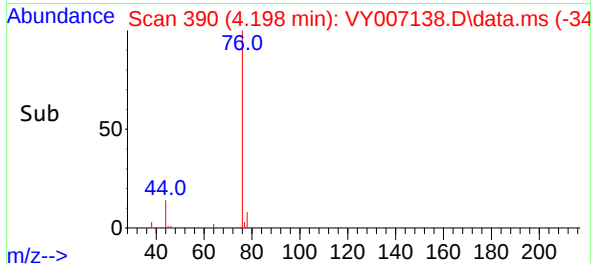
Instrument :
MSVOA_Y
Client Sample Id :
VSTDICC020



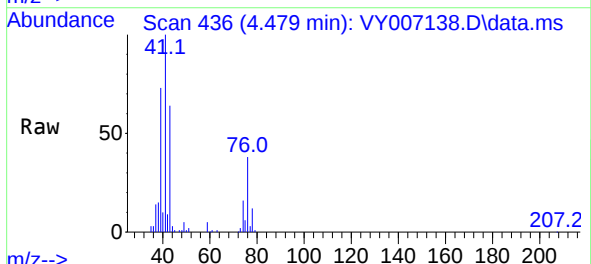
Tgt Ion: 76 Resp: 83290
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

Manual Integrations
APPROVED

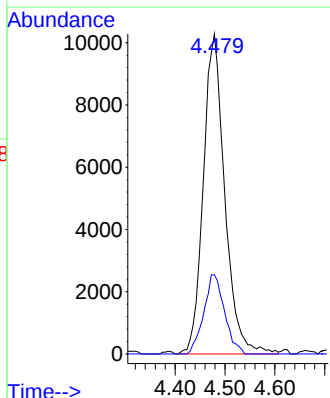
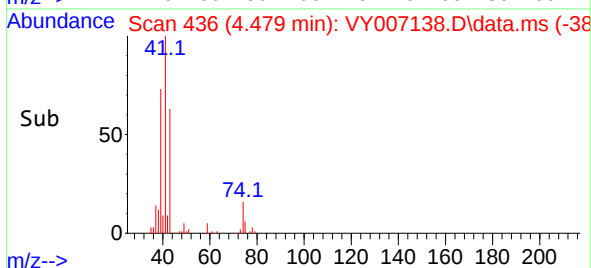
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

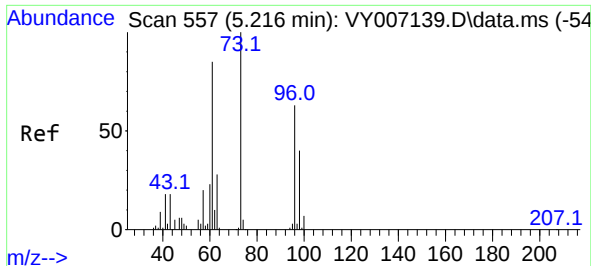


#18
Methyl Acetate
Concen: 21.209 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



Tgt Ion: 43 Resp: 30727
Ion Ratio Lower Upper
43 100
74 23.9 20.9 31.3





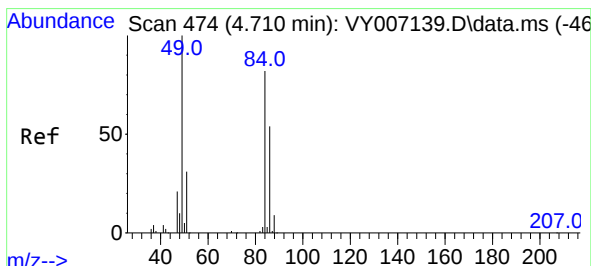
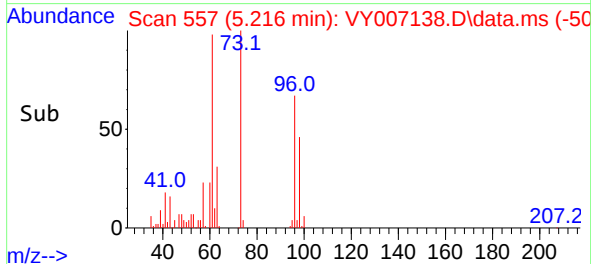
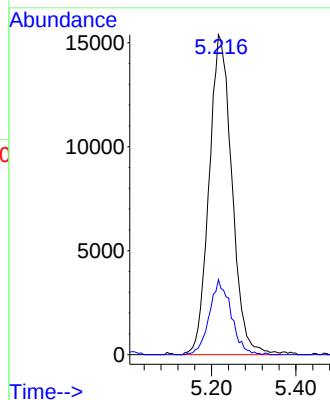
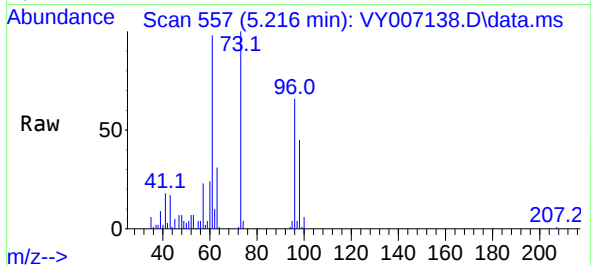
#19
Methyl tert-butyl Ether
Concen: 18.422 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 5779
Ion Ratio Lower Upper
73 100
57 23.4 17.4 26.2

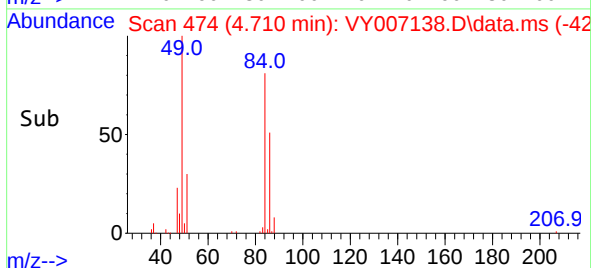
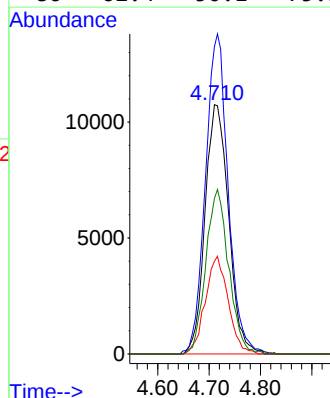
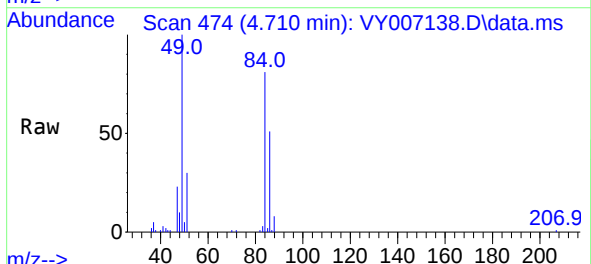
Manual Integrations
APPROVED

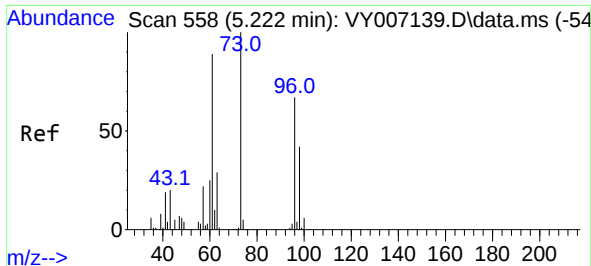
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#20
Methylene Chloride
Concen: 18.413 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

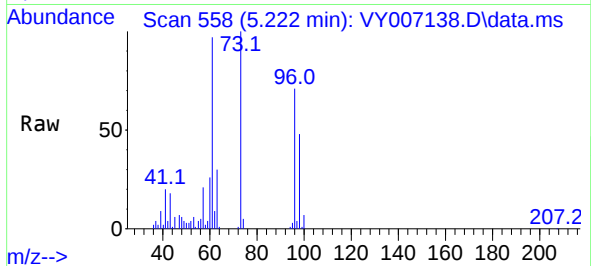
Tgt Ion: 84 Resp: 34346
Ion Ratio Lower Upper
84 100
49 123.3 92.6 139.0
51 37.2 28.6 42.8
86 62.4 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 19.012 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

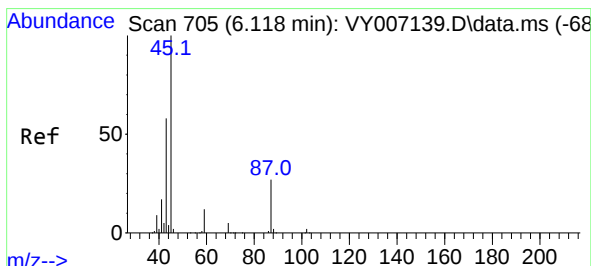
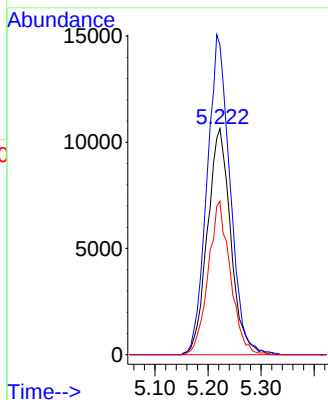
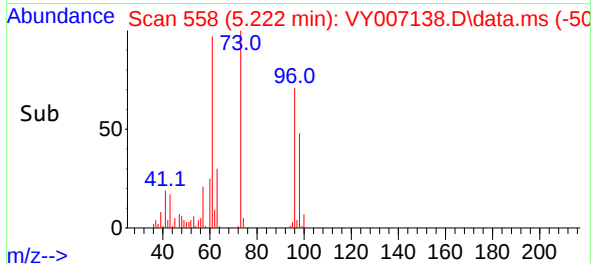
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 32454
Ion Ratio Lower Upper
96 100
61 136.9 107.3 160.9
98 67.8 52.4 78.6

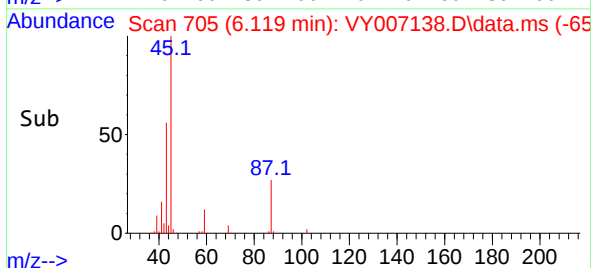
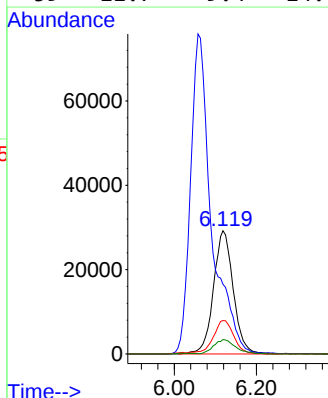
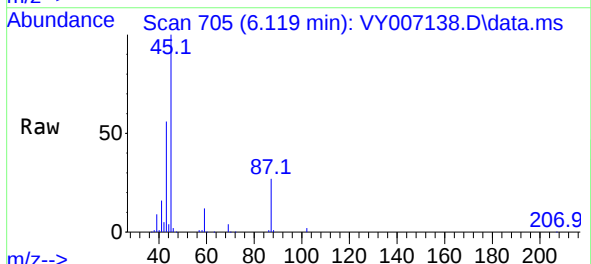
Manual Integrations
APPROVED

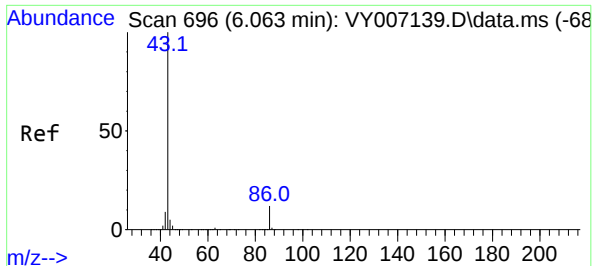
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#22
Diisopropyl ether
Concen: 19.772 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

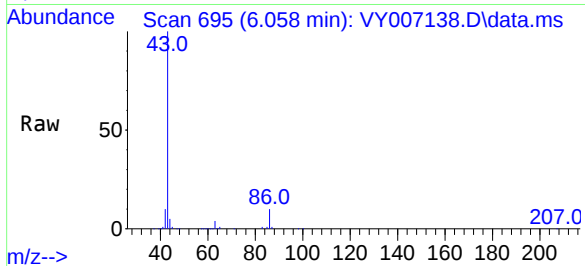
Tgt Ion: 45 Resp: 97657
Ion Ratio Lower Upper
45 100
43 56.1 45.6 68.4
87 27.2 22.2 33.2
59 11.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 93.405 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY007138.D
 Acq: 13 Jan 2022 12:23

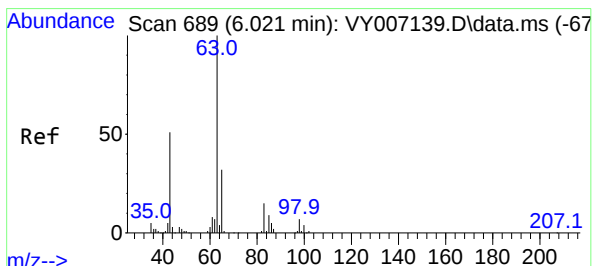
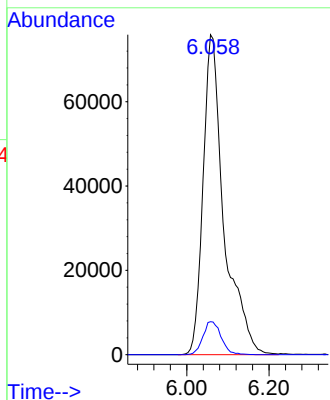
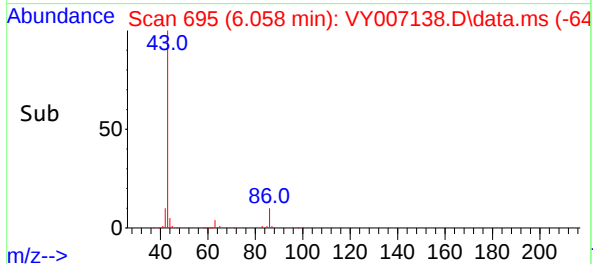
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



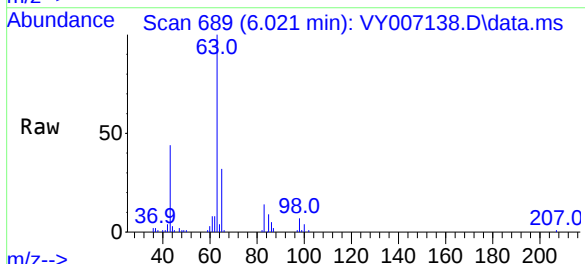
Tgt Ion: 43 Resp: 267719
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.0 13.6

Manual Integrations
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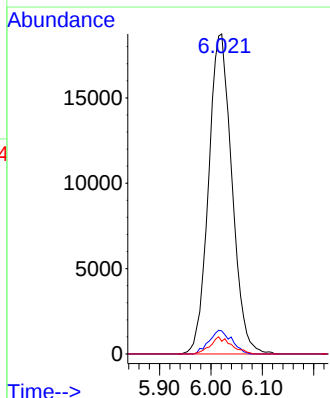
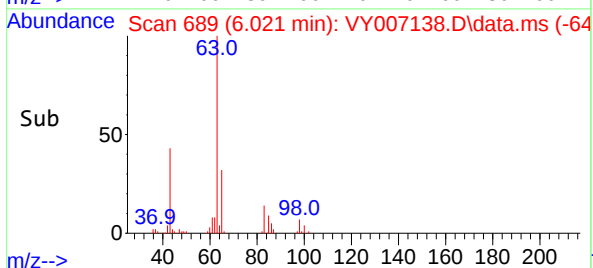
Reviewed By :John Carlone 01/14/2022
 Supervised By :Mahesh Dadoda 01/14/2022

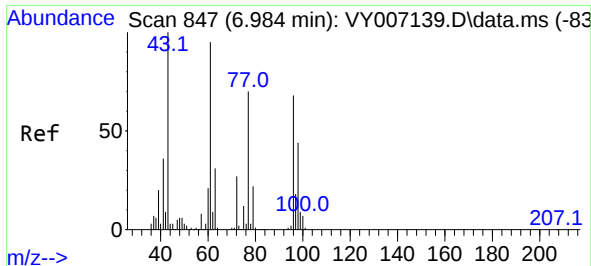


#24
 1,1-Dichloroethane
 Concen: 19.649 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY007138.D
 Acq: 13 Jan 2022 12:23



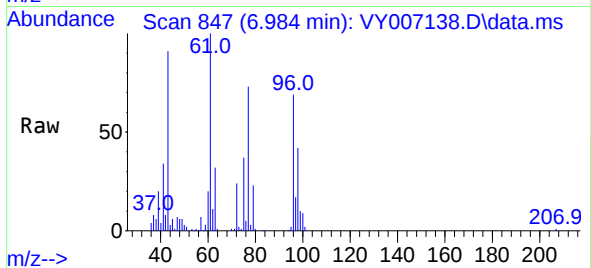
Tgt Ion: 63 Resp: 59030
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.0 2.1 6.2





#25
2-Butanone
Concen: 98.618 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

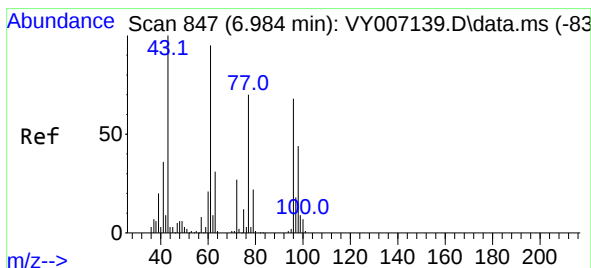
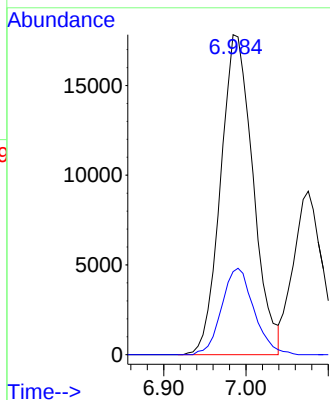
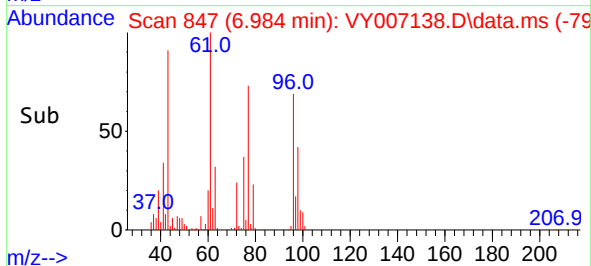
Instrument :
MSVOA_Y
Client Sample Id :
VSTDIC020



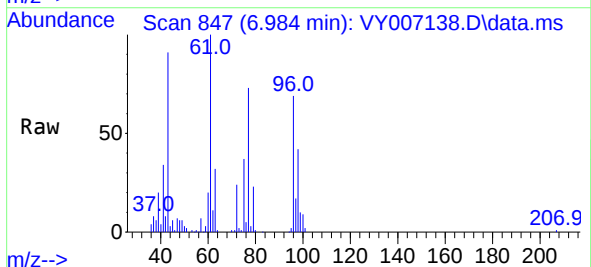
Tgt Ion: 43 Resp: 4905
Ion Ratio Lower Upper
43 100
72 25.9 21.9 32.9

Manual Integrations
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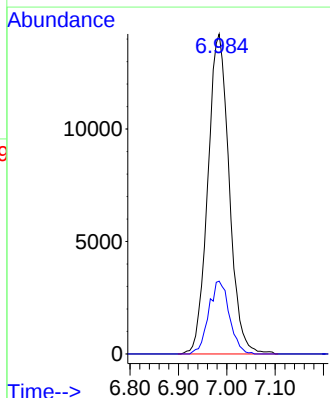
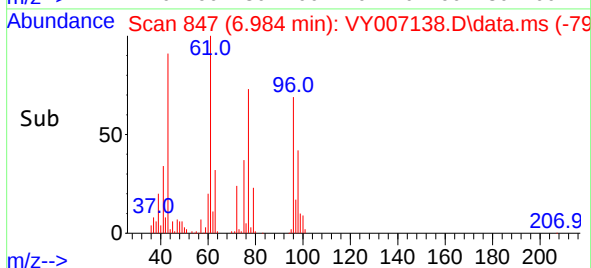
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

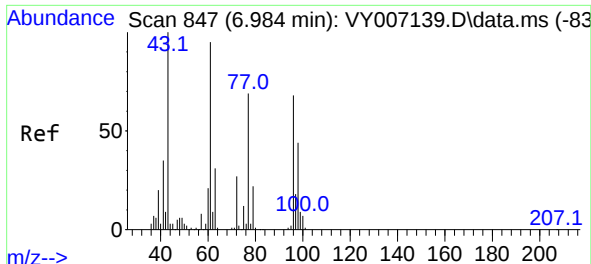


#26
2,2-Dichloropropane
Concen: 18.883 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



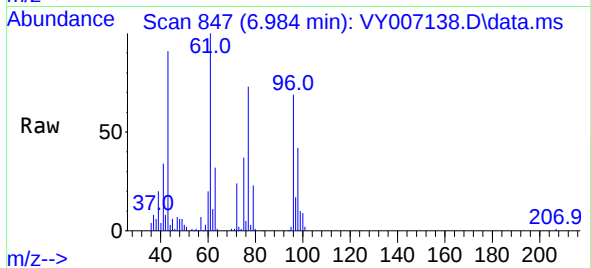
Tgt Ion: 77 Resp: 43584
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.8





#27
cis-1,2-Dichloroethene
Concen: 18.980 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

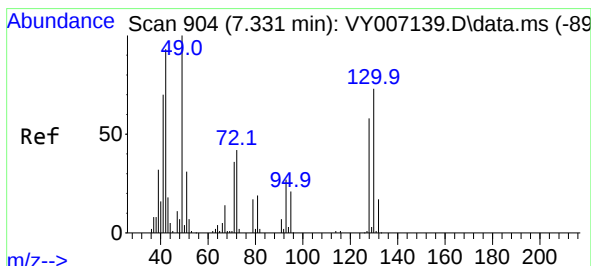
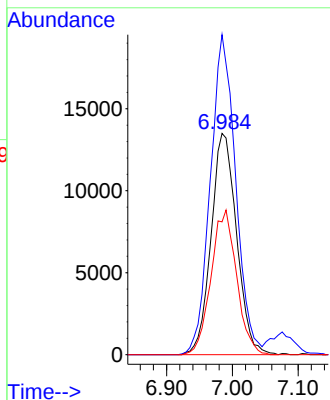
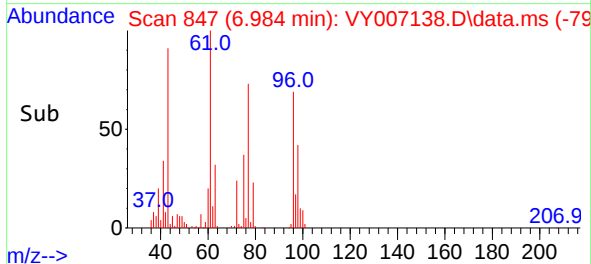
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



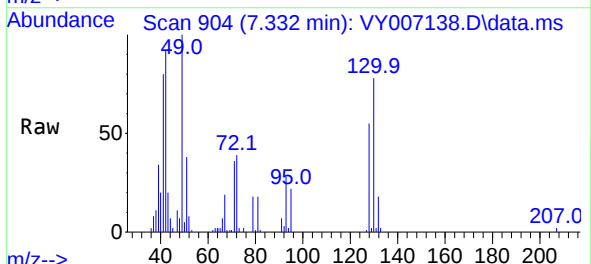
Tgt Ion: 96 Resp: 36520
Ion Ratio Lower Upper
96 100
61 143.1 0.0 276.8
98 65.3 0.0 127.8

Manual Integrations
APPROVED

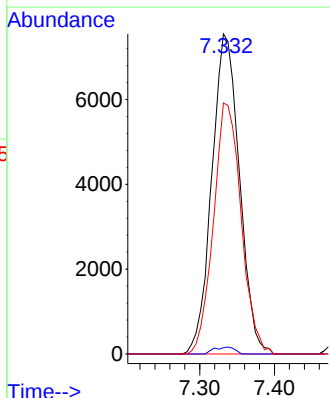
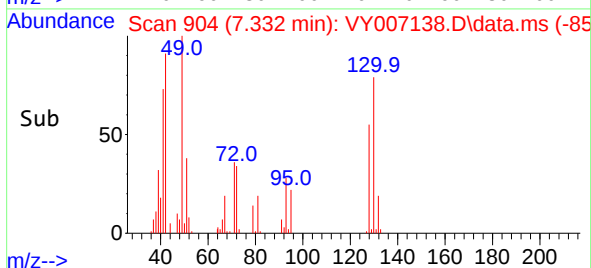
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

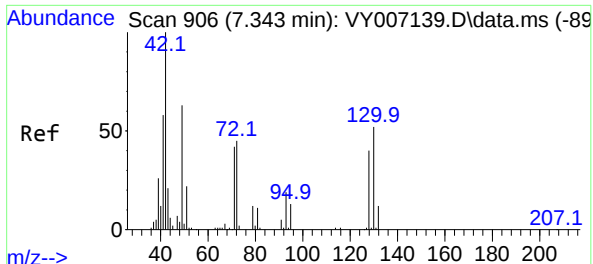


#28
Bromochloromethane
Concen: 17.503 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



Tgt Ion: 49 Resp: 19442
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.6
130 78.3 65.0 97.4





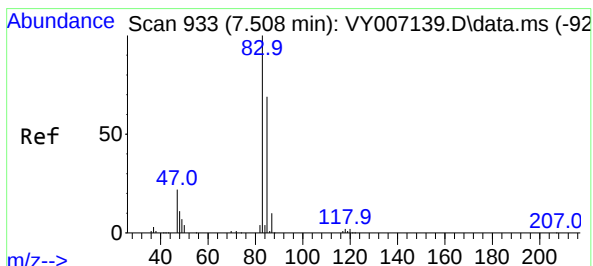
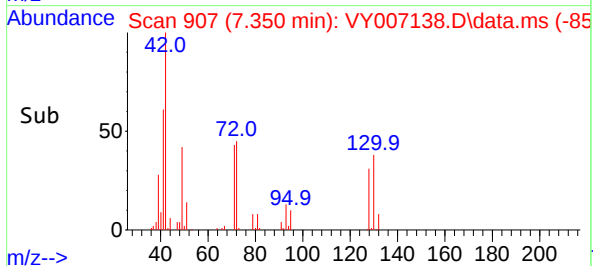
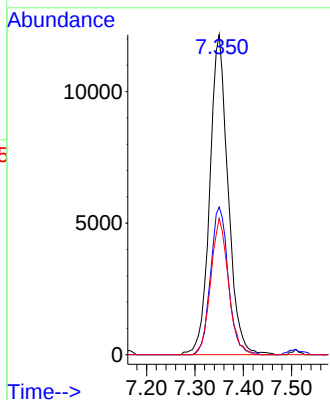
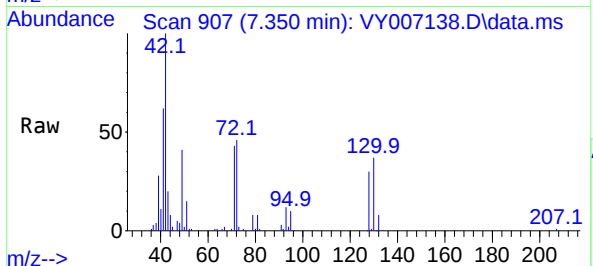
#29
Tetrahydrofuran
Concen: 92.047 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.007 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 42 Resp: 3193
Ion Ratio Lower Upper
42 100
72 44.7 36.6 54.8
71 41.2 34.1 51.1

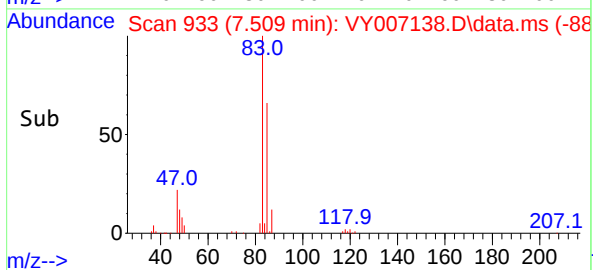
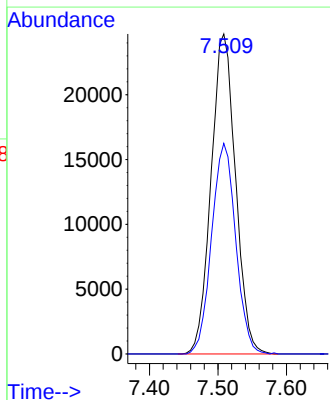
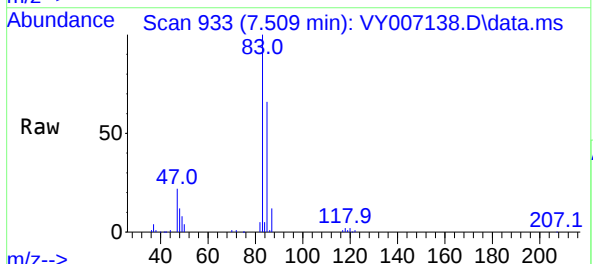
Manual Integrations
APPROVED

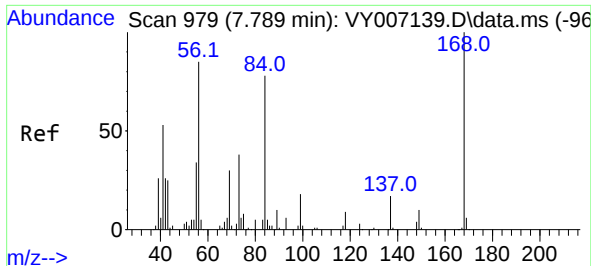
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#30
Chloroform
Concen: 19.357 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

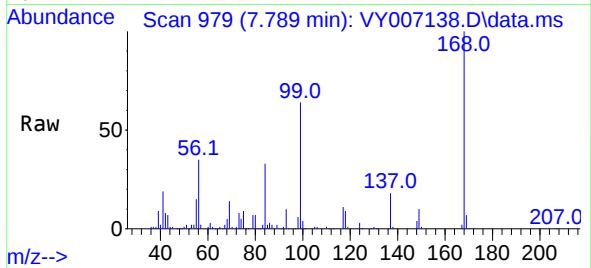
Tgt Ion: 83 Resp: 61136
Ion Ratio Lower Upper
83 100
85 65.8 50.9 76.3





#31
Cyclohexane
Concen: 19.387 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

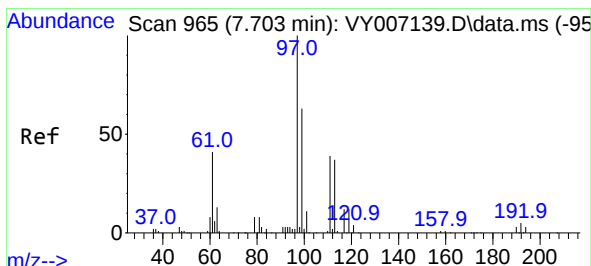
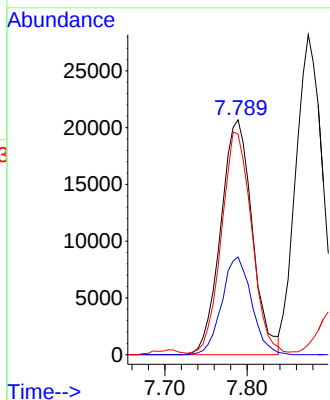
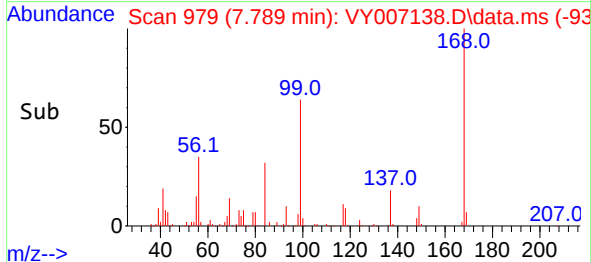
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



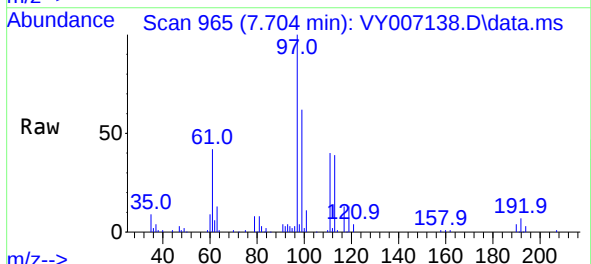
Tgt Ion: 56 Resp: 55220
Ion Ratio Lower Upper
56 100
69 41.6 27.2 40.8
84 92.7 72.1 108.1

Manual Integrations
APPROVED

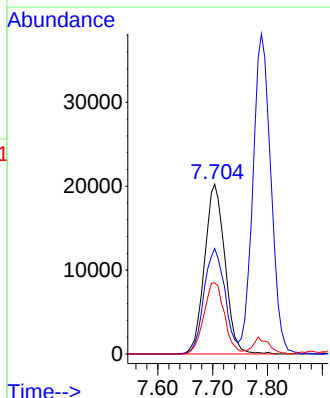
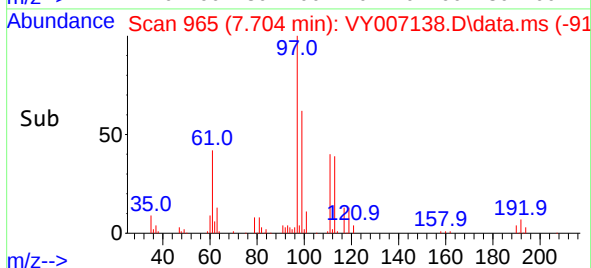
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

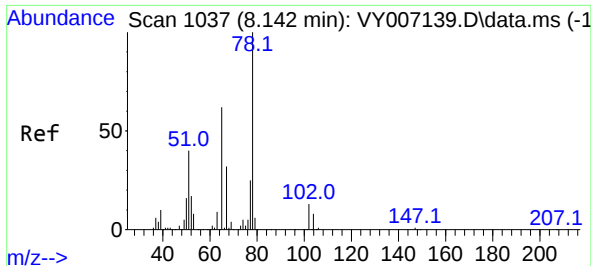


#32
1,1,1-Trichloroethane
Concen: 19.071 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



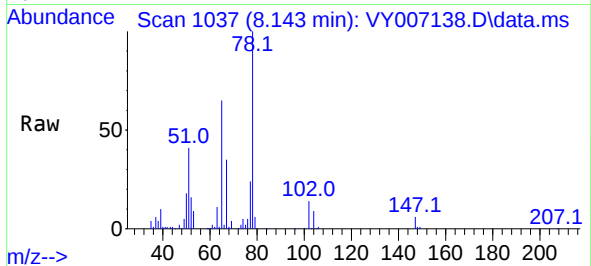
Tgt Ion: 97 Resp: 52214
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 42.2 32.2 48.2





#33
1,2-Dichloroethane-d4
Concen: 20.137 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

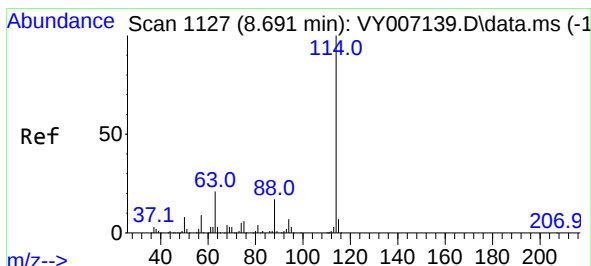
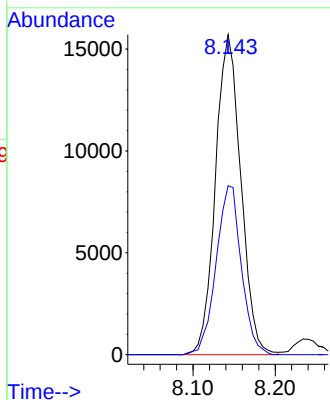
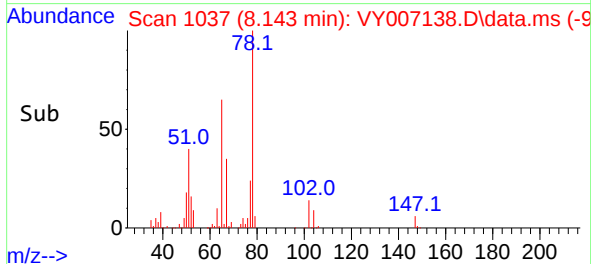
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



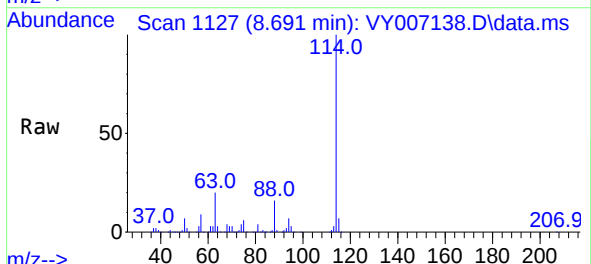
Tgt Ion: 65 Resp: 3369
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.6

Manual Integrations
APPROVED

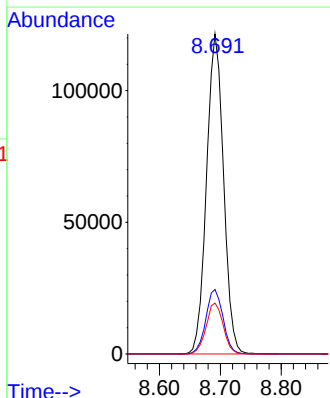
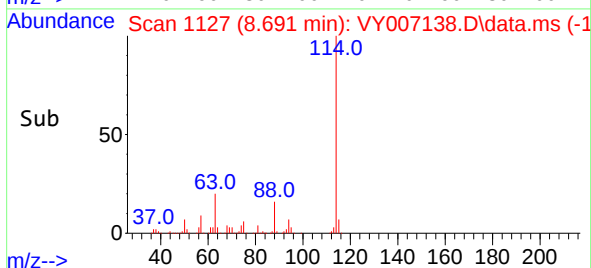
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

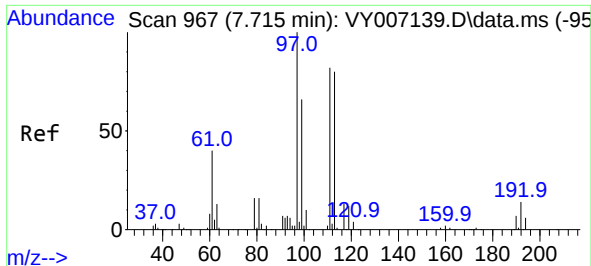


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



Tgt Ion:114 Resp: 235365
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 15.9 0.0 31.0





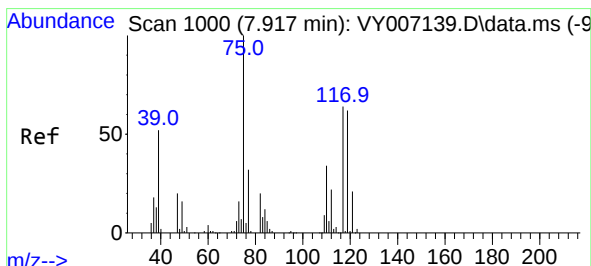
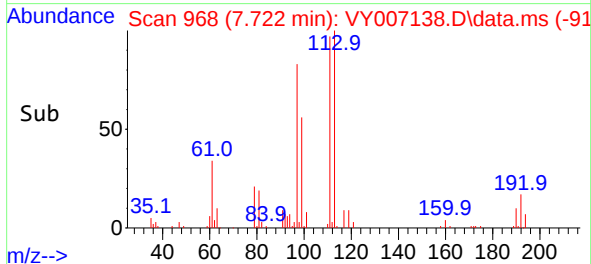
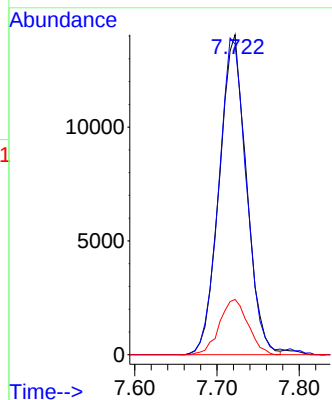
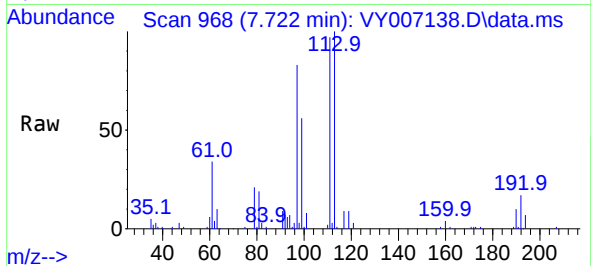
#35
Dibromofluoromethane
Concen: 20.404 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.007 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:113 Resp: 3234
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 18.1 14.2 21.4

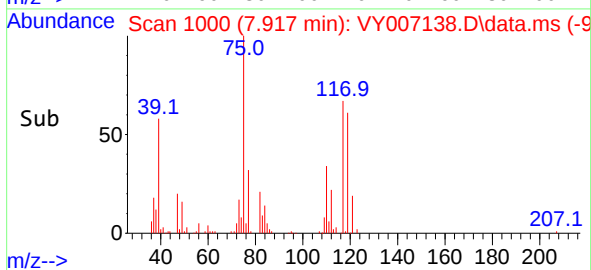
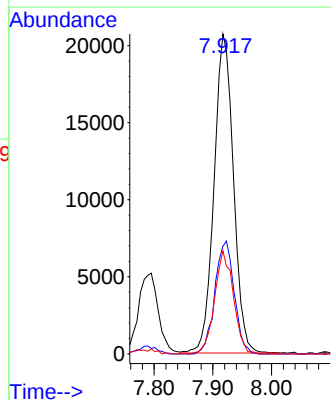
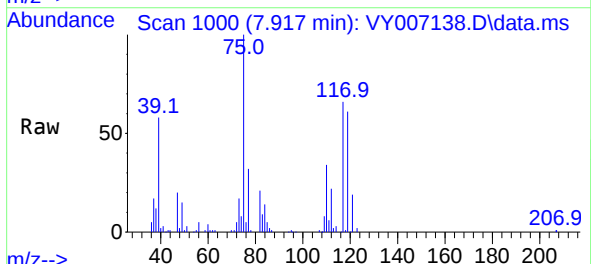
Manual Integrations
APPROVED

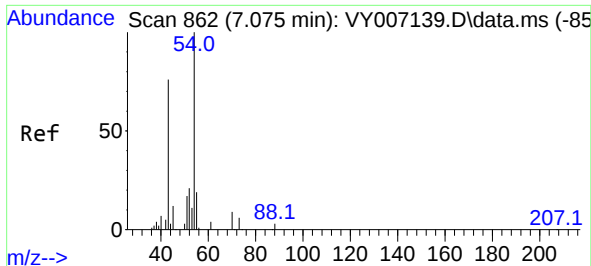
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#36
1,1-Dichloropropene
Concen: 19.095 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

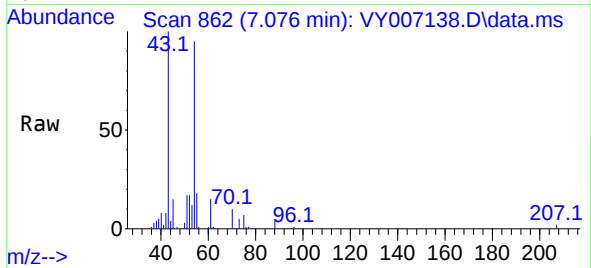
Tgt Ion: 75 Resp: 47465
Ion Ratio Lower Upper
75 100
110 35.1 17.3 51.9
77 31.3 24.7 37.1





#37
Ethyl Acetate
Concen: 18.494 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

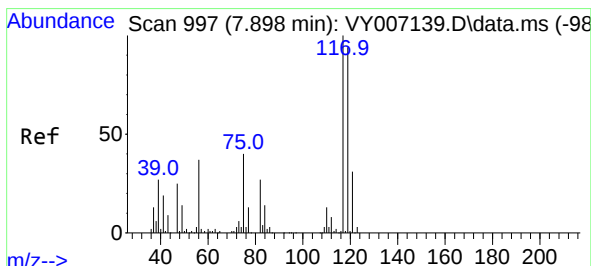
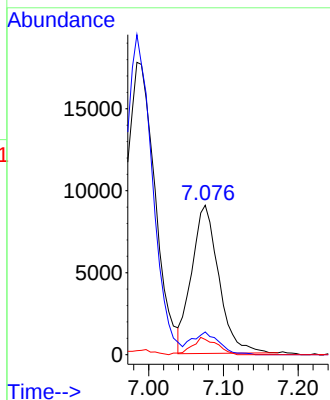
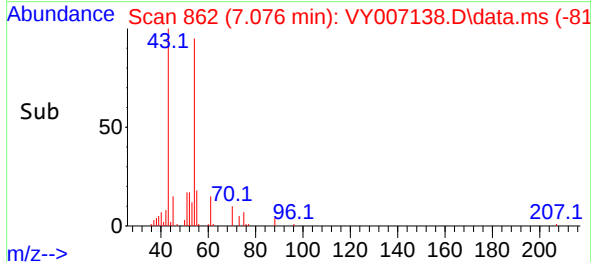
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 2283
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.8
70 10.5 9.0 13.4

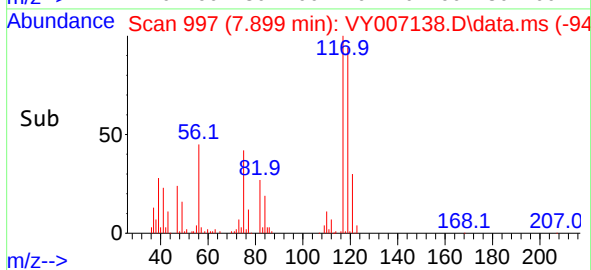
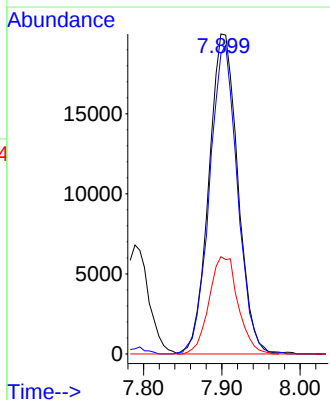
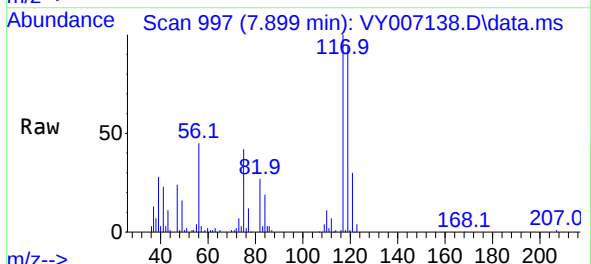
Manual Integrations
APPROVED

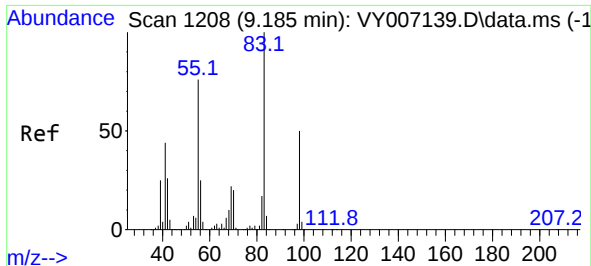
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#38
Carbon Tetrachloride
Concen: 19.622 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

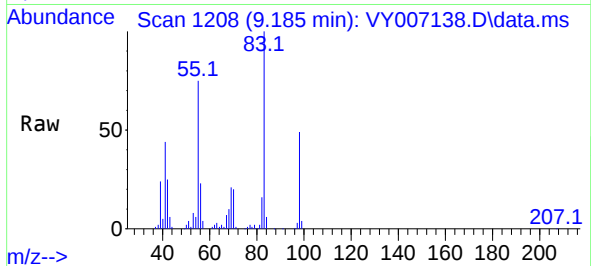
Tgt Ion:117 Resp: 51174
Ion Ratio Lower Upper
117 100
119 93.4 77.2 115.8
121 30.4 24.2 36.2





#39
Methylcyclohexane
Concen: 18.853 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

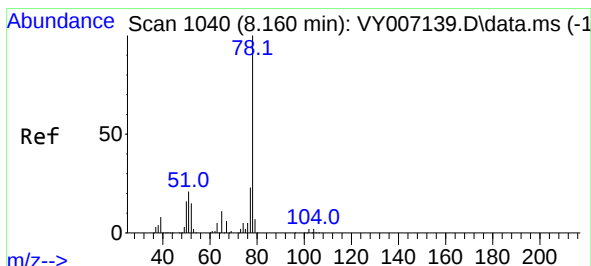
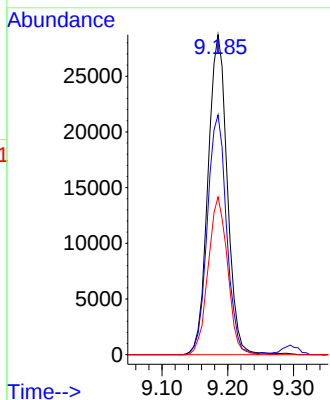
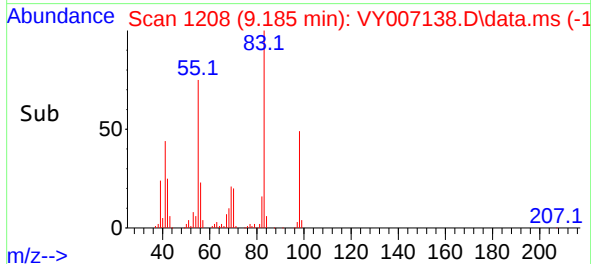
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 5849
Ion Ratio Lower Upper
83 100
55 74.9 58.8 88.2
98 49.3 38.7 58.1

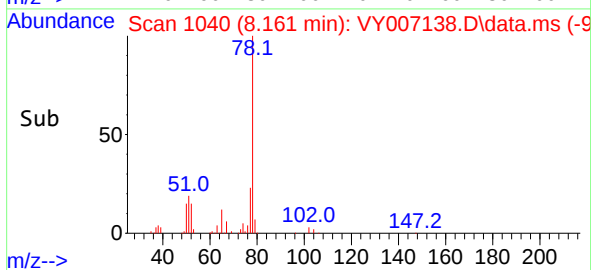
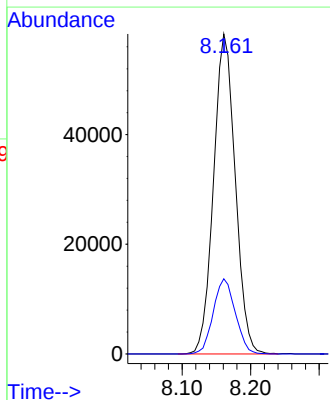
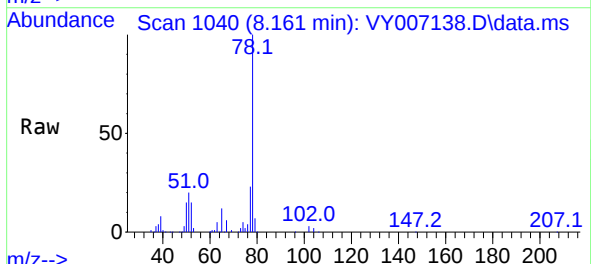
Manual Integrations
APPROVED

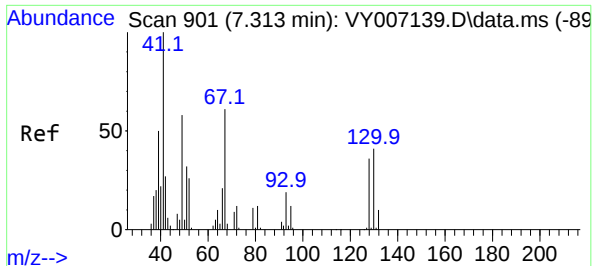
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#40
Benzene
Concen: 19.073 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

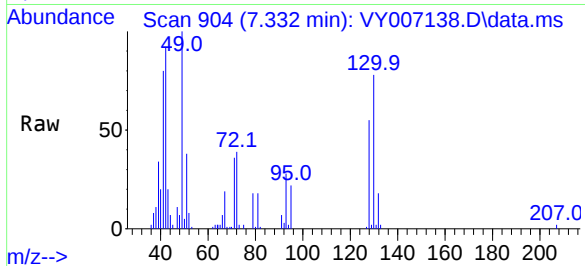
Tgt Ion: 78 Resp: 128031
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 22.751 ug/l m
RT: 7.332 min Scan# 901
Delta R.T. 0.019 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

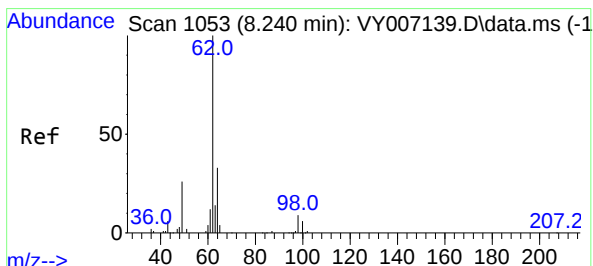
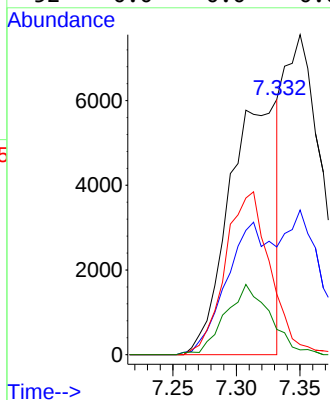
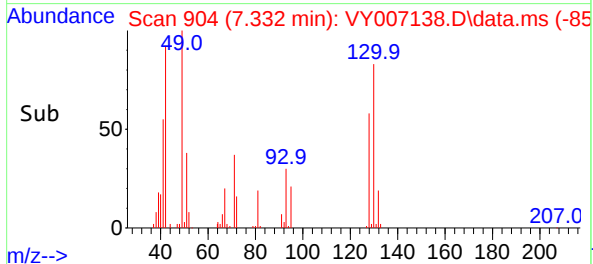
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 1586
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

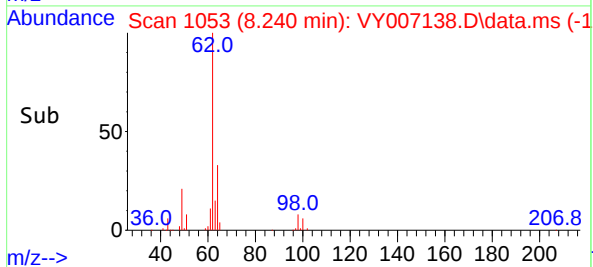
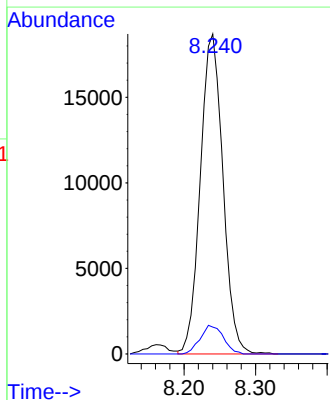
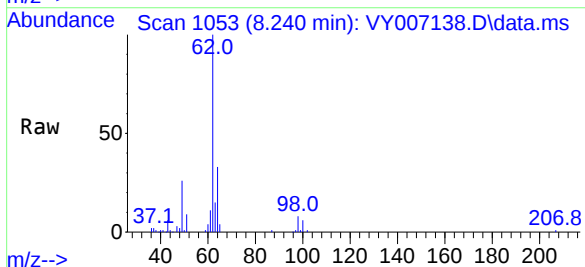
Manual Integrations
APPROVED

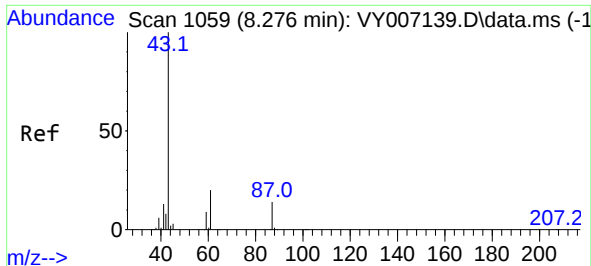
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#42
1,2-Dichloroethane
Concen: 19.896 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

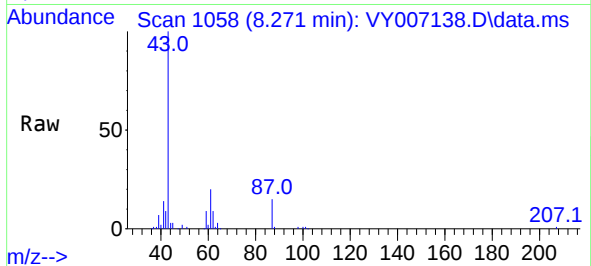
Tgt Ion: 62 Resp: 41019
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.2





#43
Isopropyl Acetate
Concen: 18.570 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

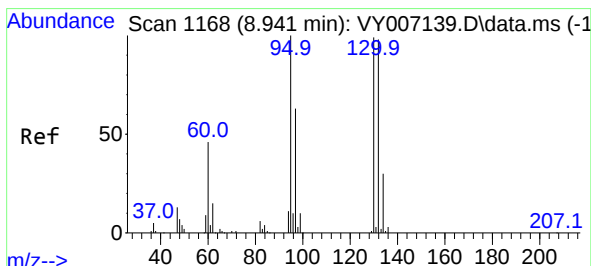
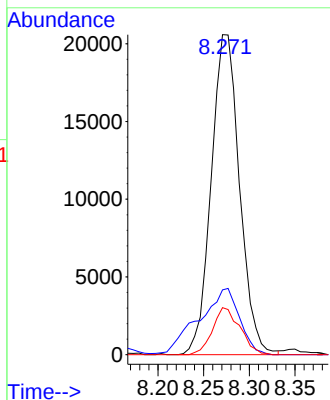
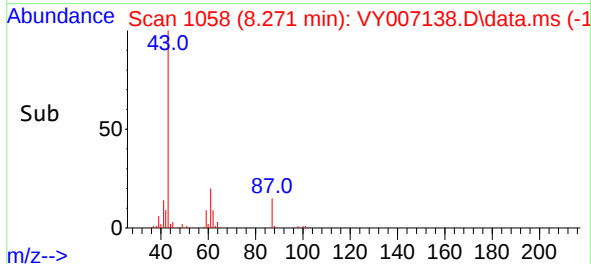
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 4445
Ion Ratio Lower Upper
43 100
61 29.8 23.8 35.8
87 14.3 11.6 17.4

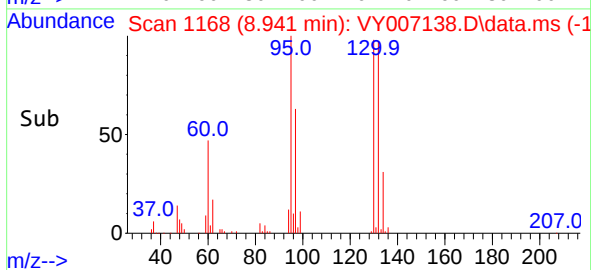
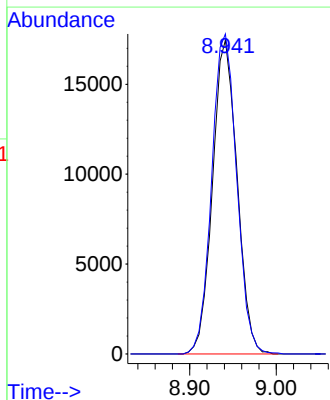
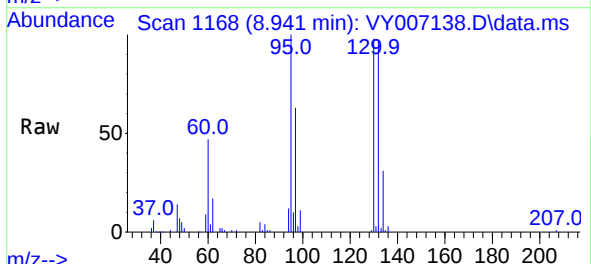
Manual Integrations
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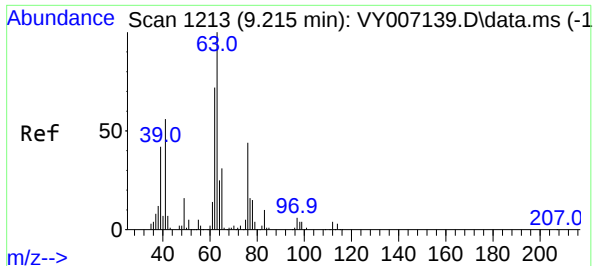
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#44
Trichloroethene
Concen: 18.537 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

Tgt Ion:130 Resp: 34403
Ion Ratio Lower Upper
130 100
95 102.0 0.0 196.6





#45

1,2-Dichloropropane

Concen: 19.449 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 3248

Ion Ratio Lower Upper

63 100

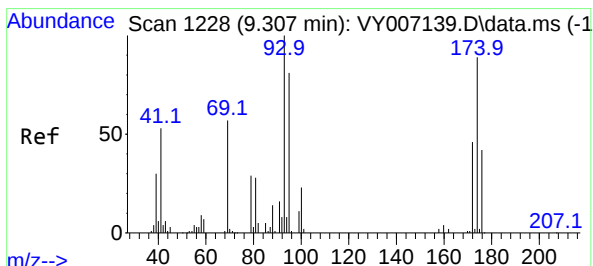
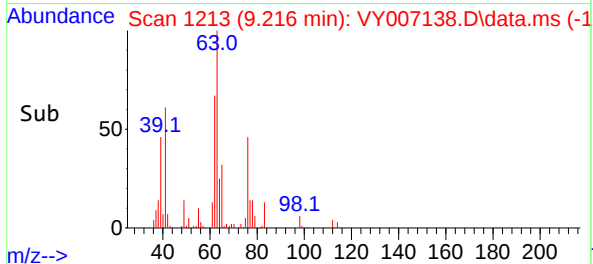
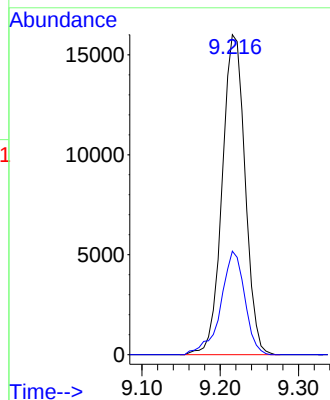
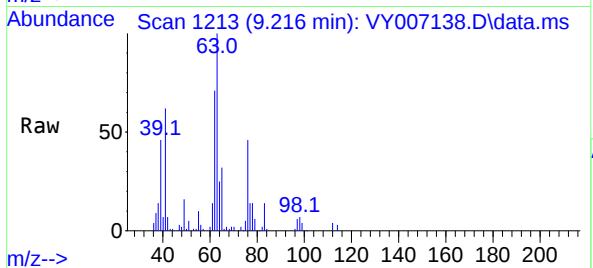
65 32.4 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2022

Supervised By :Mahesh Dadoda 01/14/2022



#46

Dibromomethane

Concen: 18.507 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

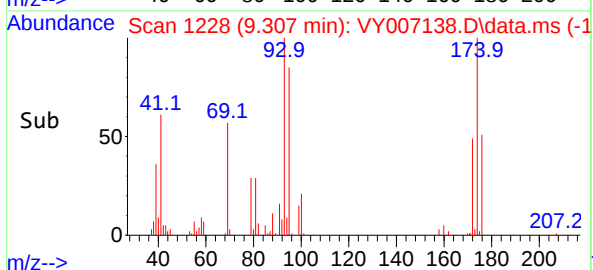
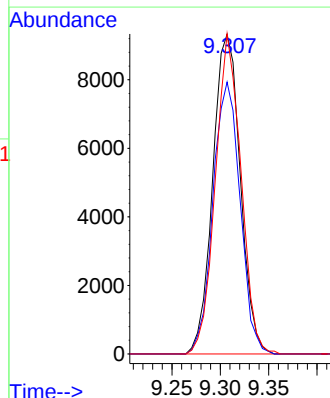
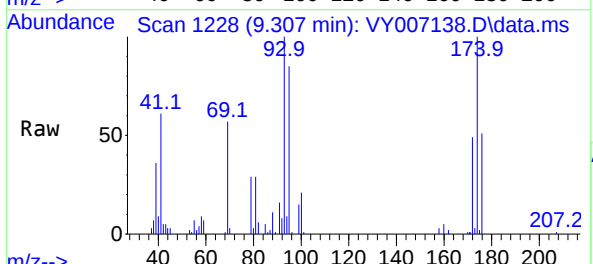
Tgt Ion: 93 Resp: 18400

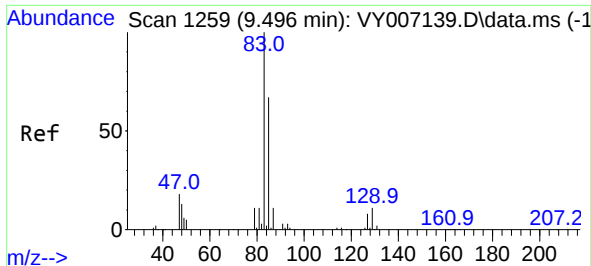
Ion Ratio Lower Upper

93 100

95 84.0 65.8 98.6

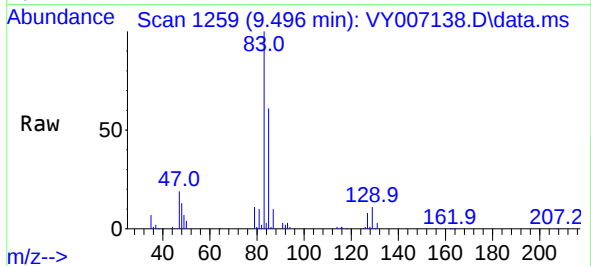
174 93.2 75.4 113.0





#47
Bromodichloromethane
Concen: 18.796 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

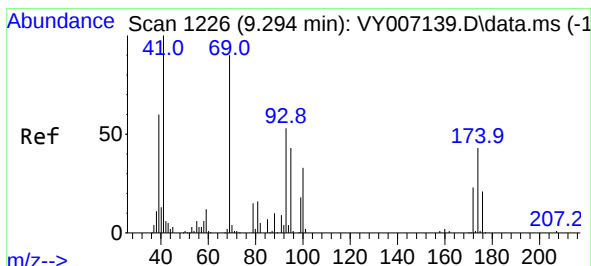
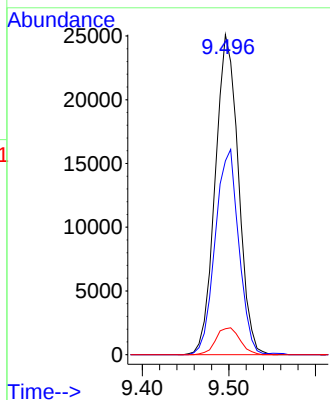
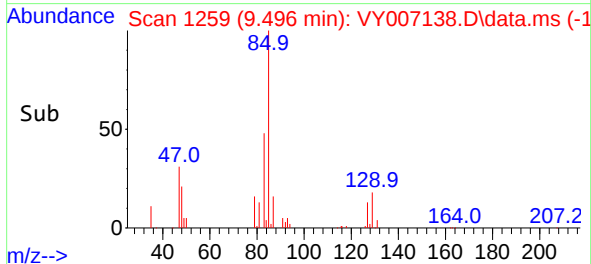
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



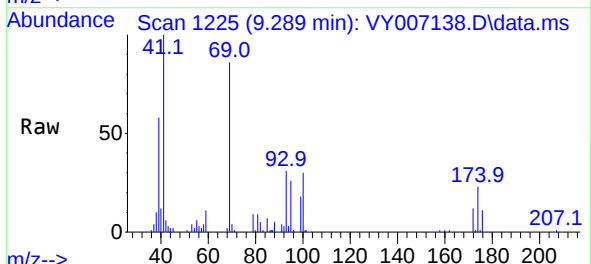
Tgt Ion: 83 Resp: 46670
Ion Ratio Lower Upper
83 100
85 60.5 51.4 77.2
127 8.1 6.5 9.7

Manual Integrations
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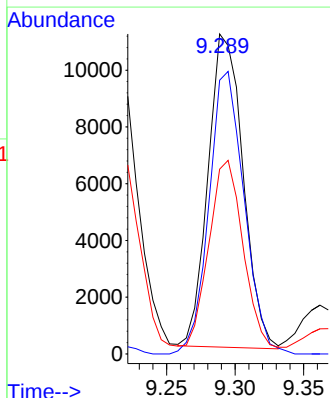
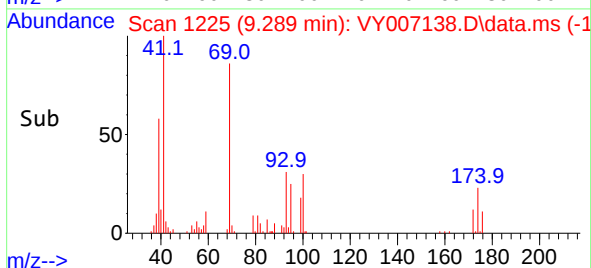
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

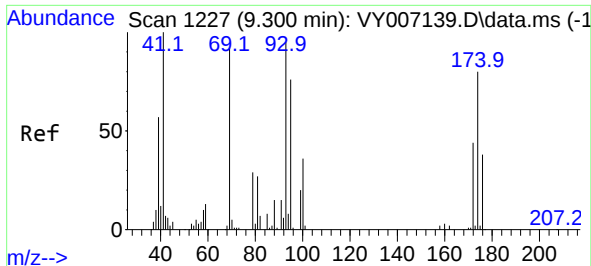


#48
Methyl methacrylate
Concen: 18.250 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



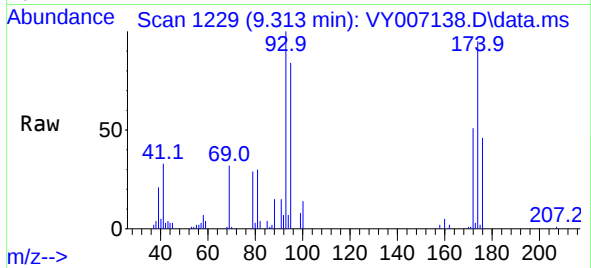
Tgt Ion: 41 Resp: 19540
Ion Ratio Lower Upper
41 100
69 90.9 70.5 105.7
39 58.7 43.8 65.8





#49
1,4-Dioxane
Concen: 365.203 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.013 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

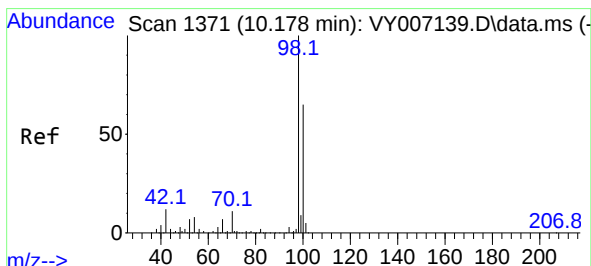
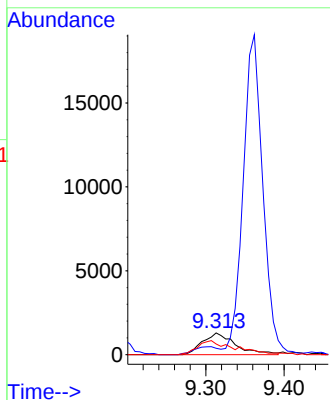
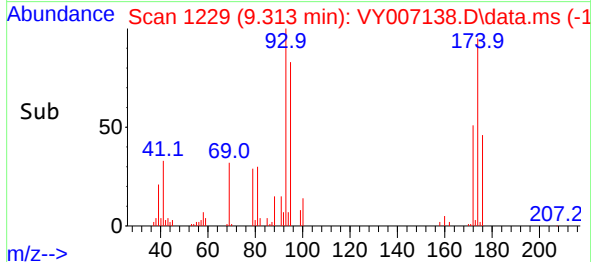
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



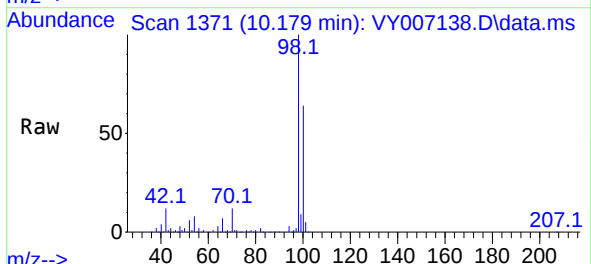
Tgt Ion: 88 Resp: 3792
Ion Ratio Lower Upper
88 100
43 28.0 22.0 33.0
58 75.9 58.6 87.8

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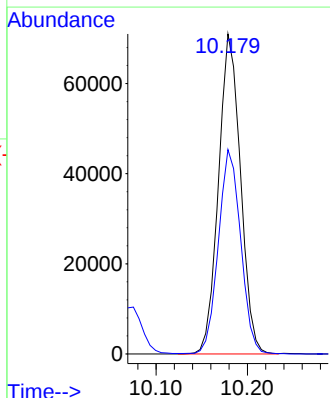
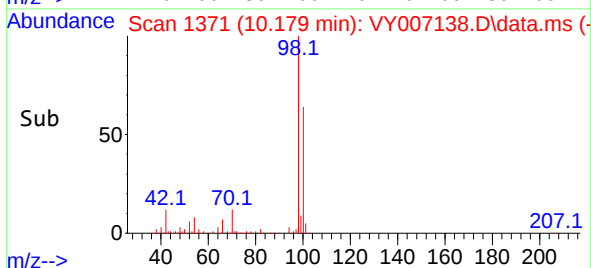
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

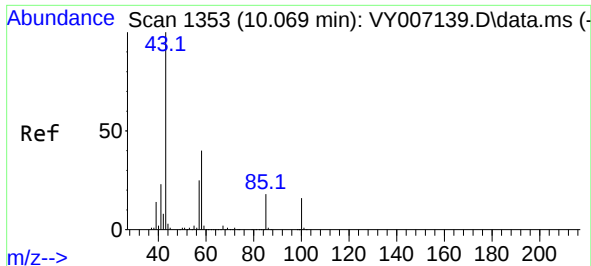


#50
Toluene-d8
Concen: 20.336 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



Tgt Ion: 98 Resp: 118874
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2





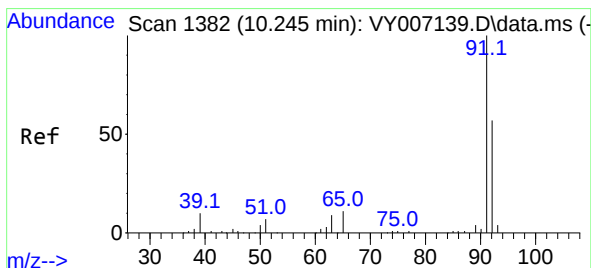
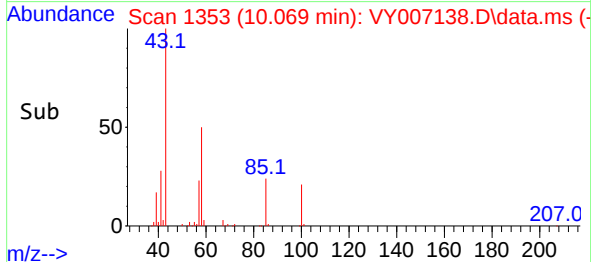
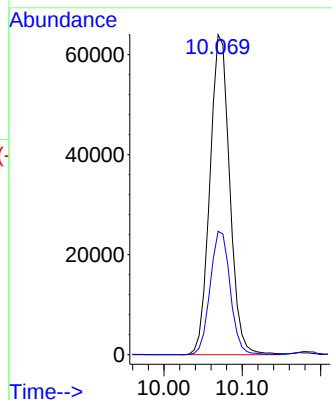
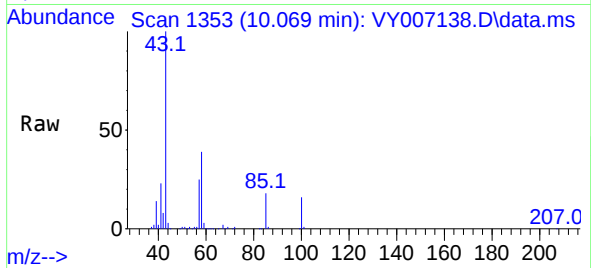
#51
4-Methyl-2-Pentanone
Concen: 95.144 ug/l
RT: 10.069 min Scan# 11248
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 11248
Ion Ratio Lower Upper
43 100
58 39.0 32.8 49.2

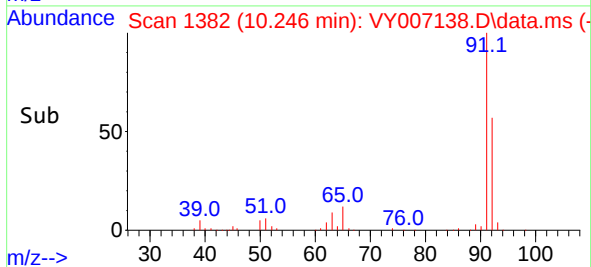
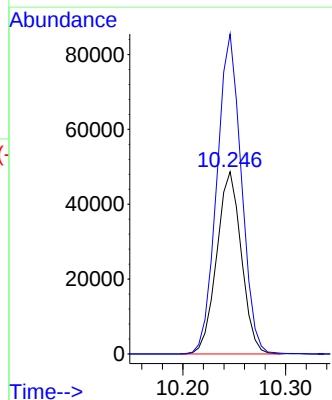
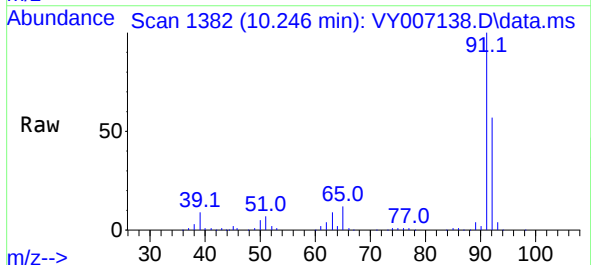
Manual Integrations
APPROVED

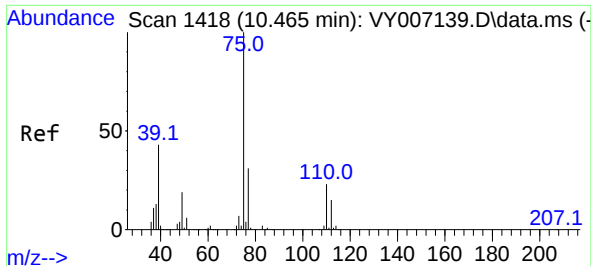
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#52
Toluene
Concen: 18.854 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

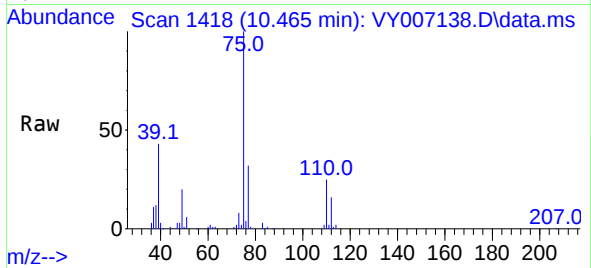
Tgt Ion: 92 Resp: 80837
Ion Ratio Lower Upper
92 100
91 175.4 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 18.631 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

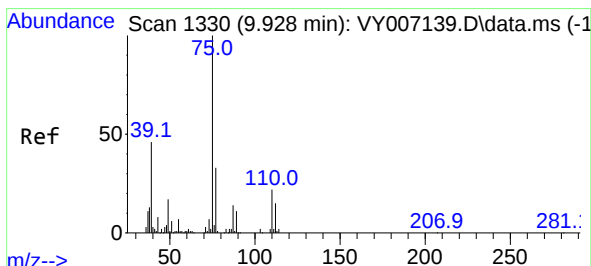
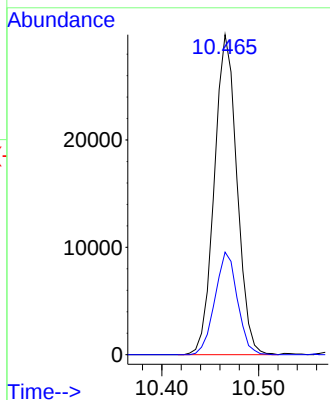
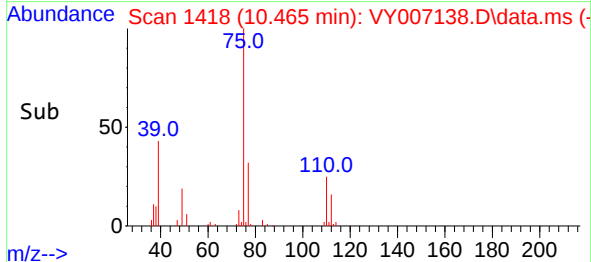
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



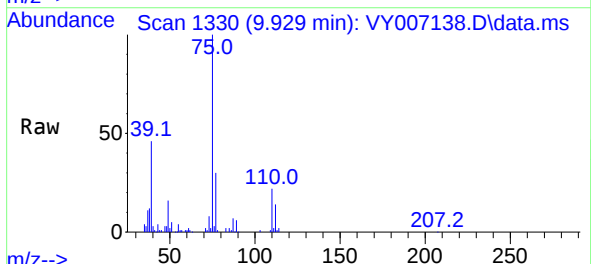
Tgt Ion: 75 Resp: 48430
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5

Manual Integrations
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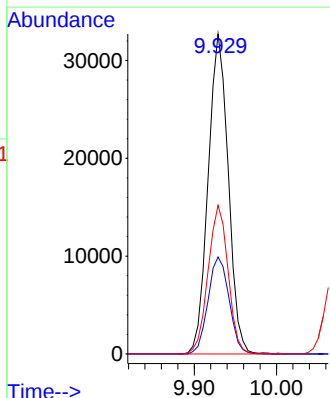
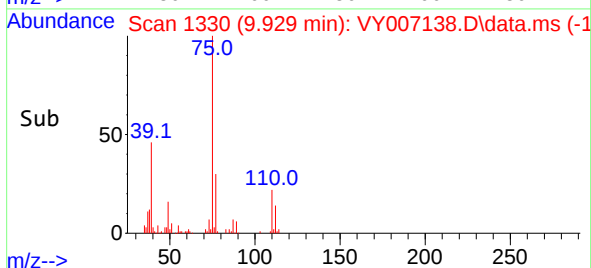
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

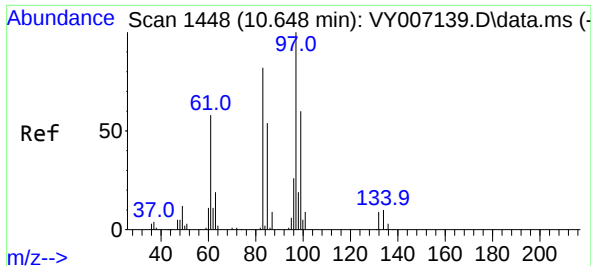


#54
cis-1,3-Dichloropropene
Concen: 18.963 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



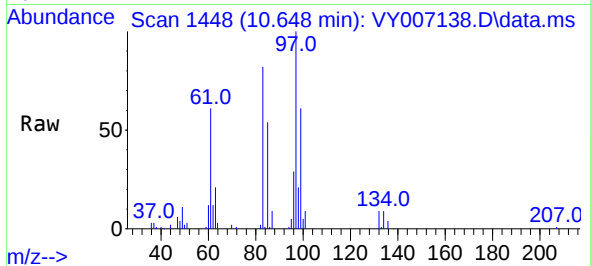
Tgt Ion: 75 Resp: 55513
Ion Ratio Lower Upper
75 100
77 30.3 25.7 38.5
39 46.5 36.1 54.1





#55
1,1,2-Trichloroethane
Concen: 19.403 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

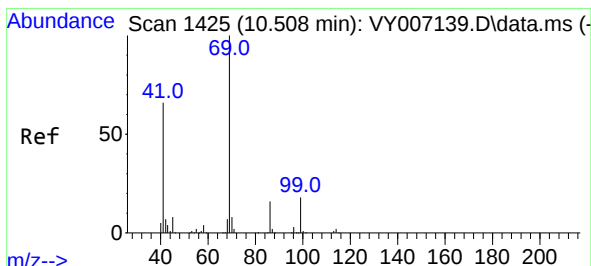
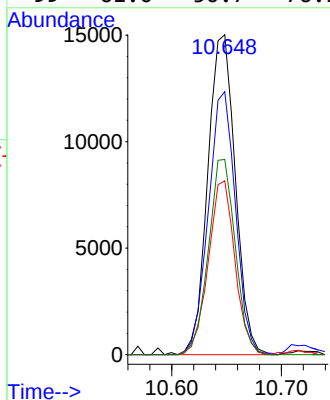
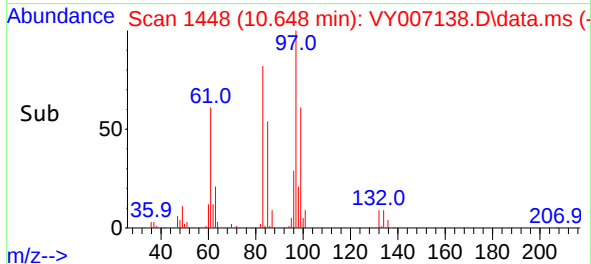


Tgt Ion: 97 Resp: 2623

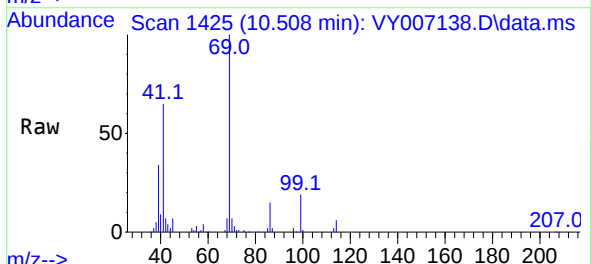
Ion	Ratio	Lower	Upper
97	100		
83	82.2	67.0	100.4
85	54.3	41.2	61.8
99	61.0	50.7	76.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

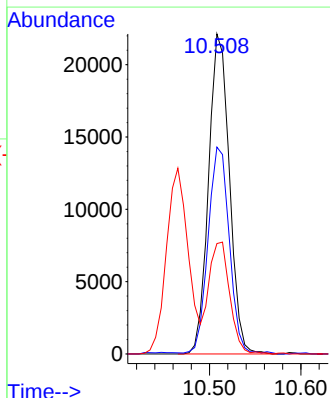
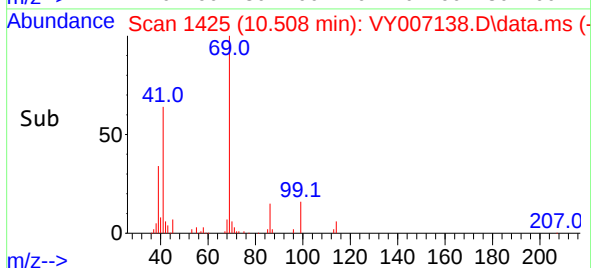


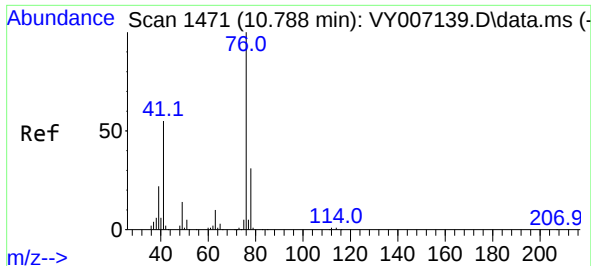
#56
Ethyl methacrylate
Concen: 18.484 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



Tgt Ion: 69 Resp: 35027

Ion	Ratio	Lower	Upper
69	100		
41	66.2	49.4	74.0
39	35.3	27.7	41.5





#57

1,3-Dichloropropane

Concen: 18.638 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 4415

Ion Ratio Lower Upper

76 100

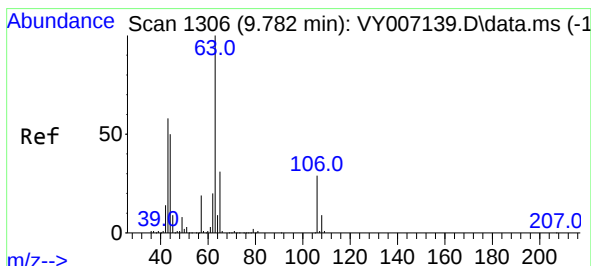
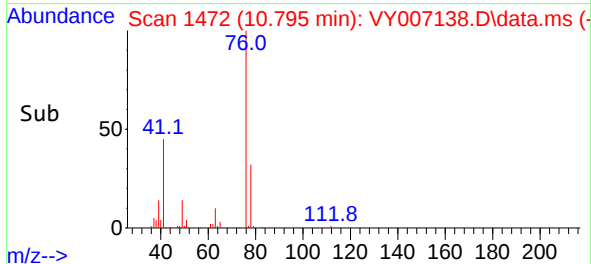
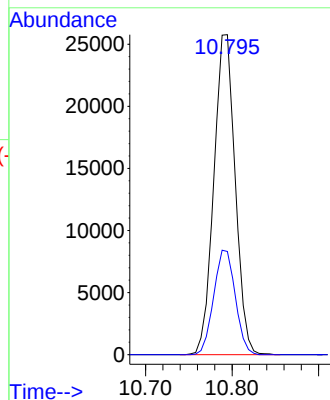
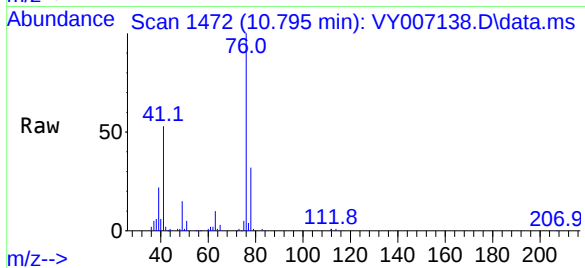
78 33.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2022

Supervised By :Mahesh Dadoda 01/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 90.037 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007138.D

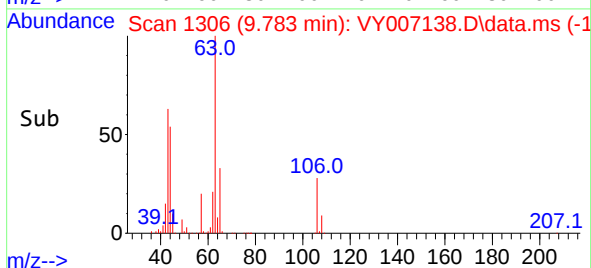
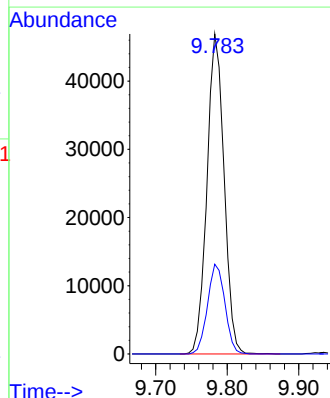
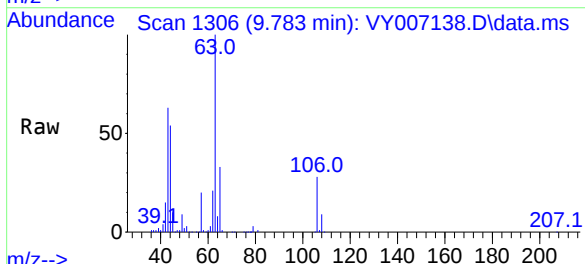
Acq: 13 Jan 2022 12:23

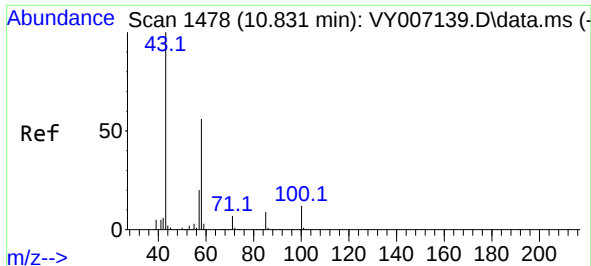
Tgt Ion: 63 Resp: 77895

Ion Ratio Lower Upper

63 100

106 28.5 23.3 34.9





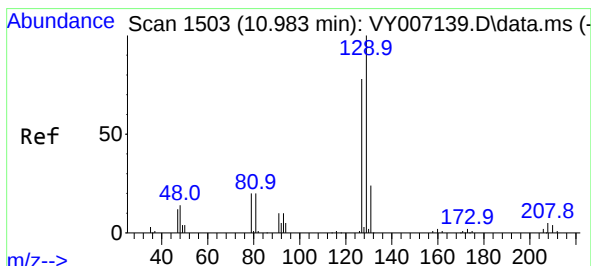
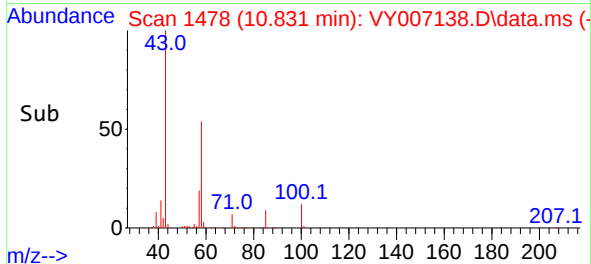
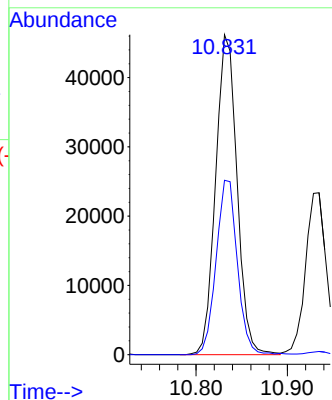
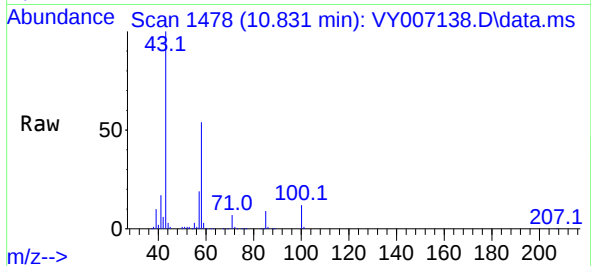
#59
2-Hexanone
Concen: 97.449 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 75238
Ion Ratio Lower Upper
43 100
58 54.2 28.4 85.3

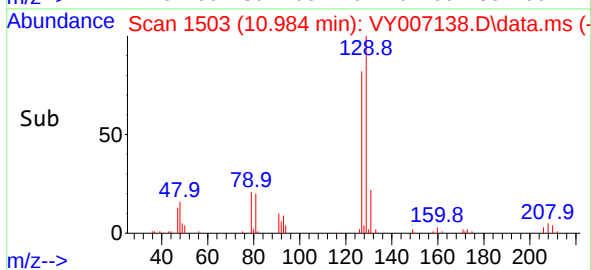
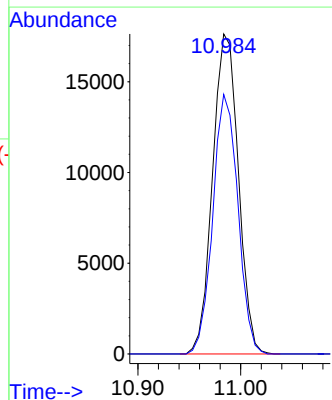
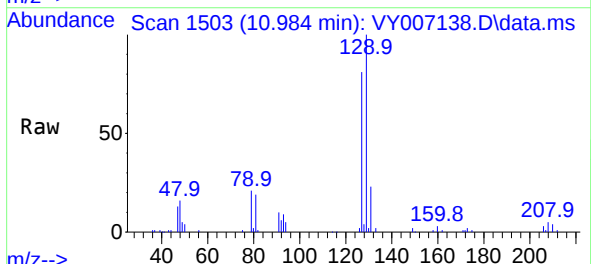
Manual Integrations
APPROVED

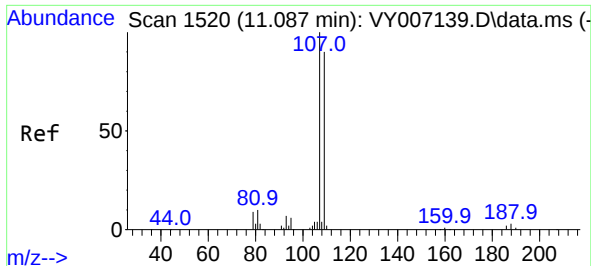
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#60
Dibromochloromethane
Concen: 18.261 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

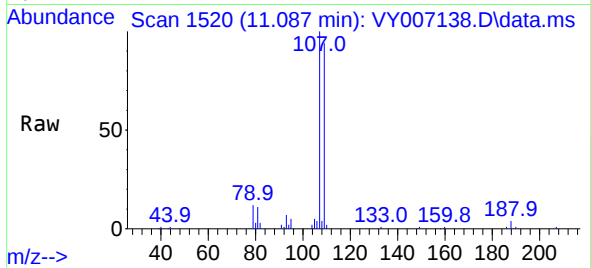
Tgt Ion:129 Resp: 30750
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.6





#61
1,2-Dibromoethane
Concen: 18.265 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

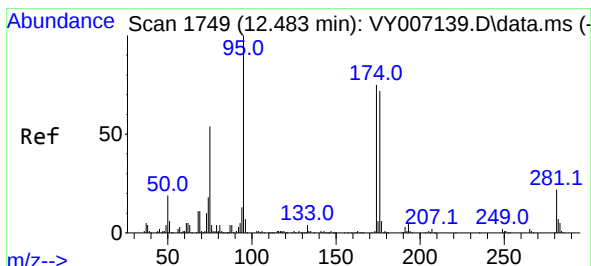
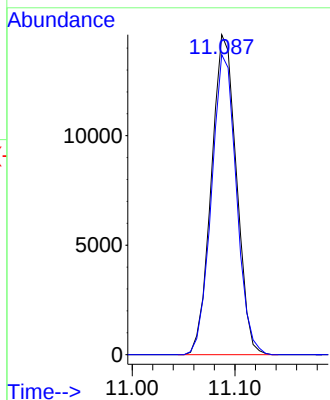
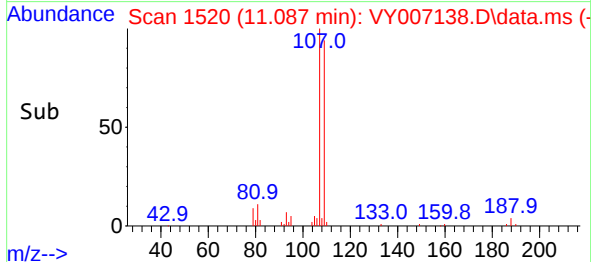
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



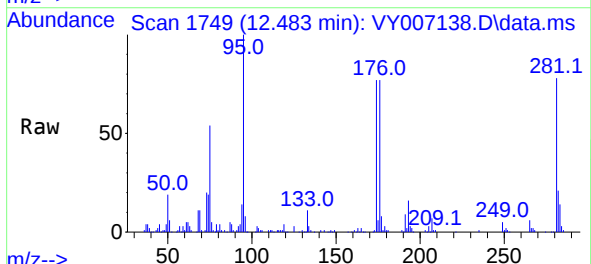
Tgt Ion:107 Resp: 24710
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.0

Manual Integrations
APPROVED

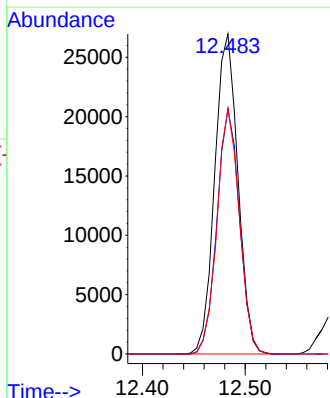
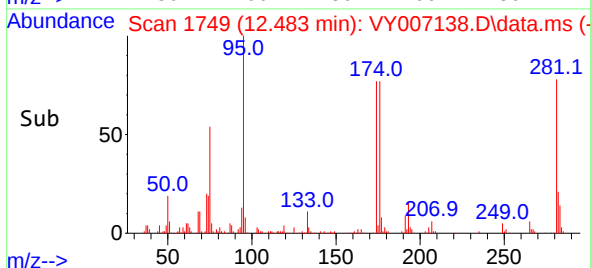
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

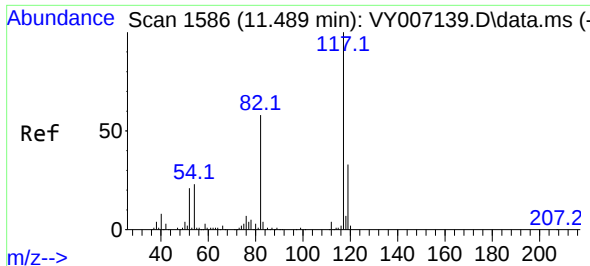


#62
4-Bromofluorobenzene
Concen: 20.043 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



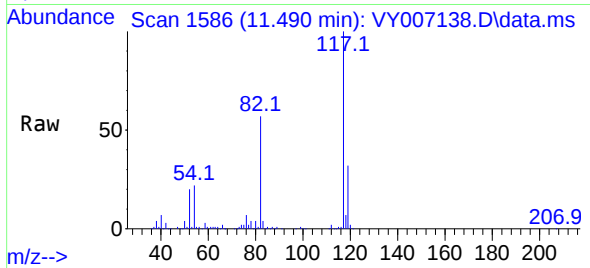
Tgt Ion: 95 Resp: 42172
Ion Ratio Lower Upper
95 100
174 74.4 0.0 148.4
176 73.9 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

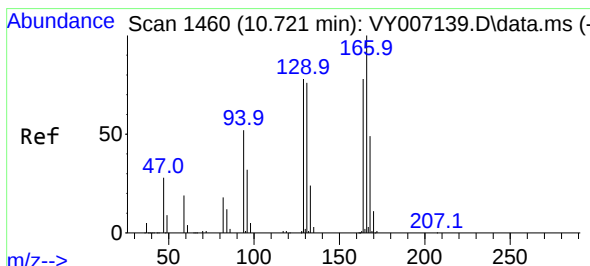
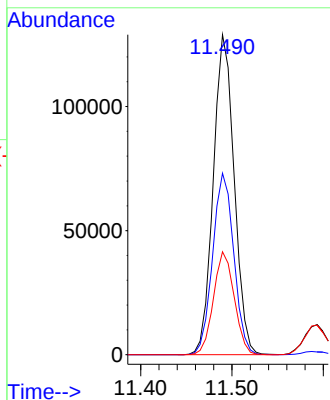
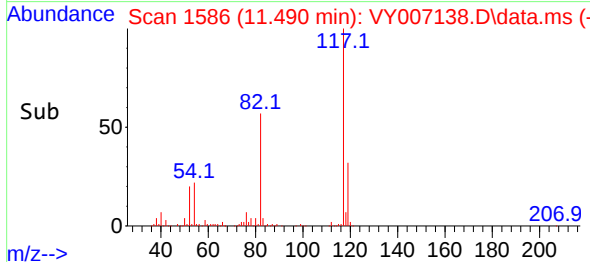
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



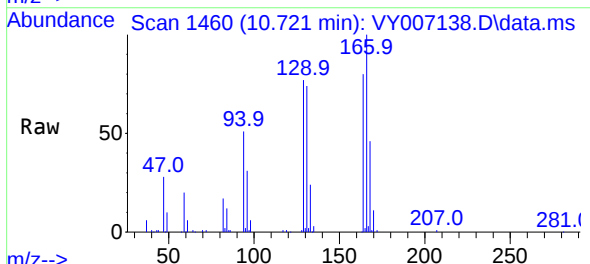
Tgt Ion:117 Resp: 204975
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.0
119 32.2 26.4 39.6

Manual Integrations
APPROVED

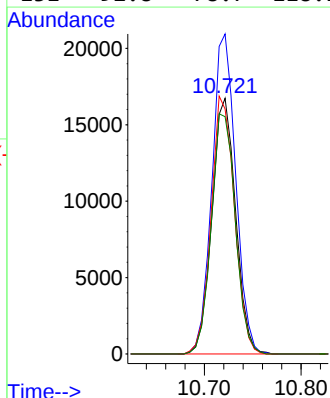
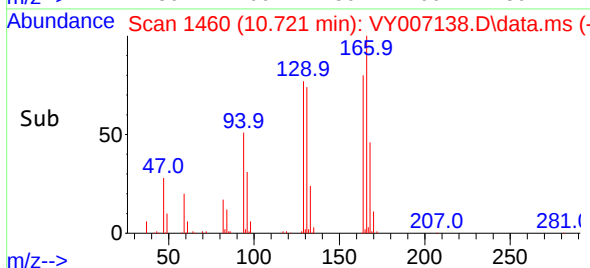
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

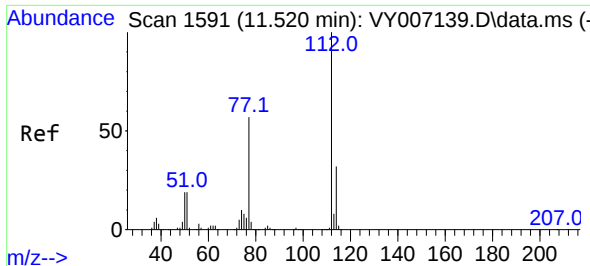


#64
Tetrachloroethene
Concen: 19.449 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



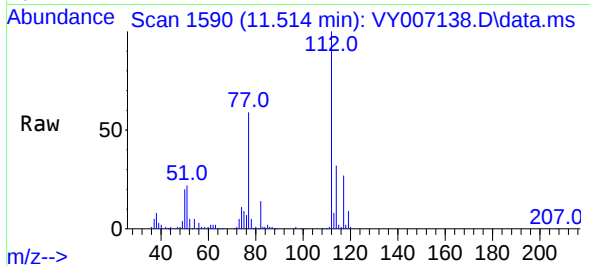
Tgt Ion:164 Resp: 28405
Ion Ratio Lower Upper
164 100
166 125.1 102.6 154.0
129 95.8 84.6 127.0
131 92.8 78.7 118.1





#65
Chlorobenzene
Concen: 19.533 ug/l
RT: 11.514 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

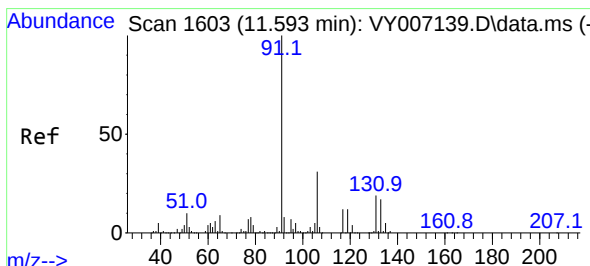
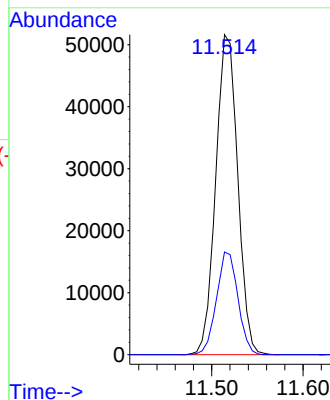
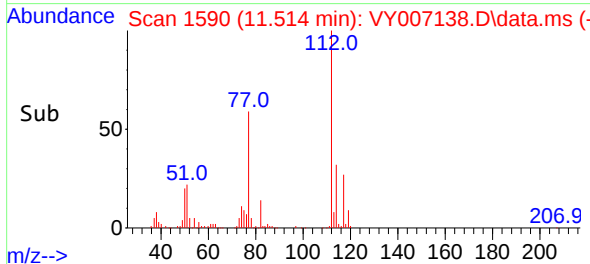
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



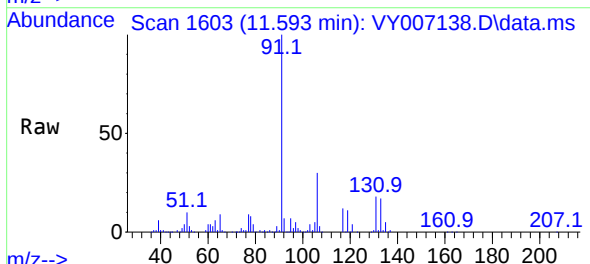
Tgt Ion:112 Resp: 86418
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7

Manual Integrations
APPROVED

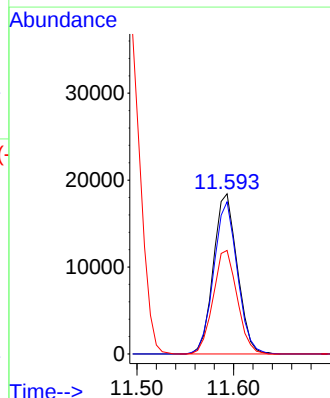
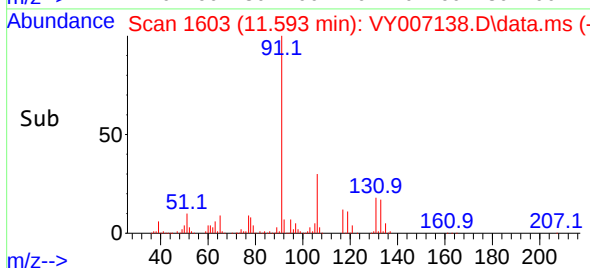
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

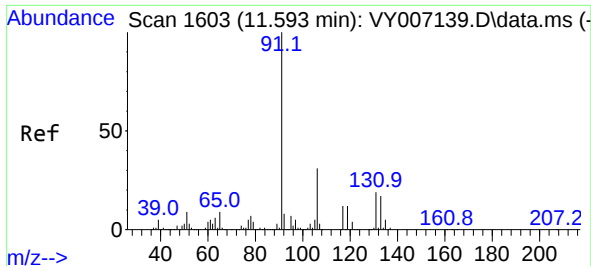


#66
1,1,1,2-Tetrachloroethane
Concen: 19.197 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



Tgt Ion:131 Resp: 31577
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.5
119 65.1 32.6 97.7





#67

Ethyl Benzene

Concen: 19.508 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007138.D

Acq: 13 Jan 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 16201

Ion Ratio Lower Upper

91 100

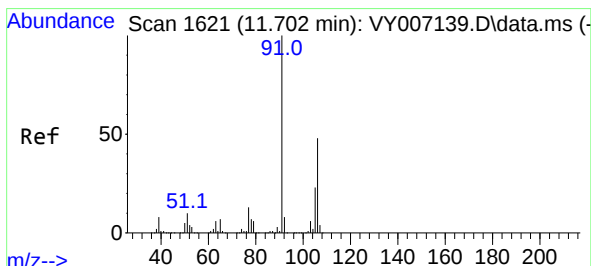
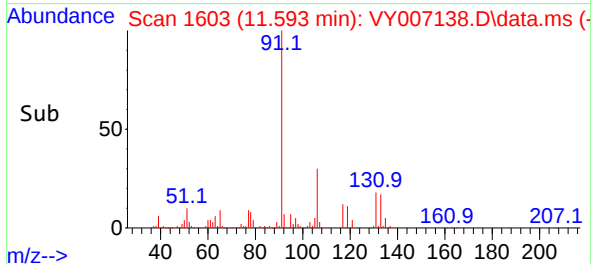
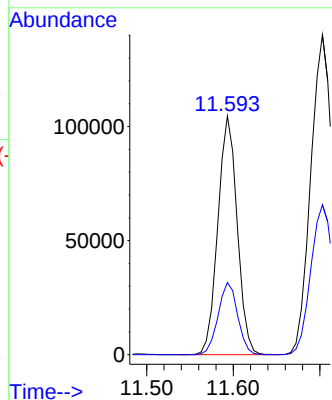
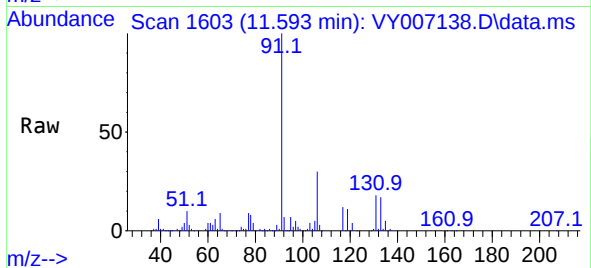
106 30.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2022

Supervised By :Mahesh Dadoda 01/14/2022



#68

m/p-Xylenes

Concen: 38.803 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY007138.D

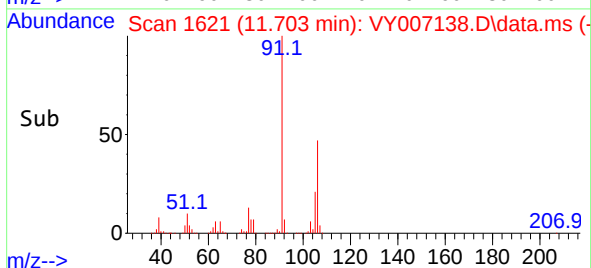
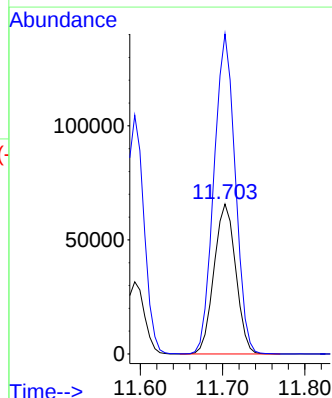
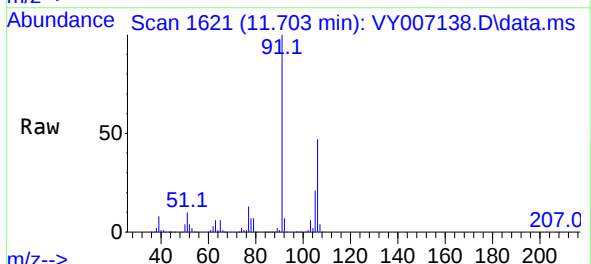
Acq: 13 Jan 2022 12:23

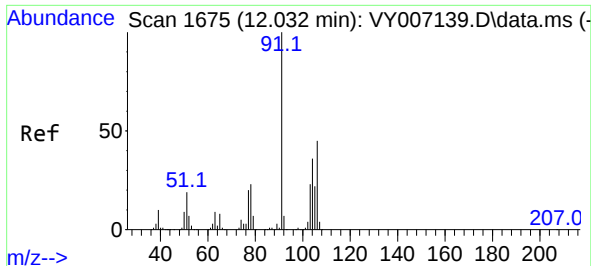
Tgt Ion:106 Resp: 120599

Ion Ratio Lower Upper

106 100

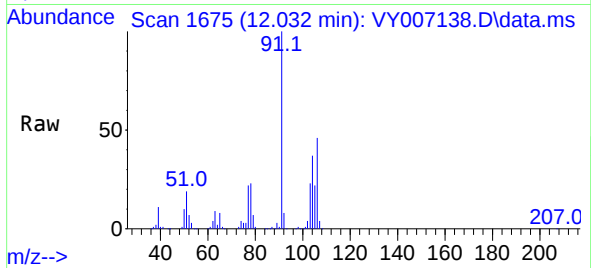
91 209.3 167.1 250.7





#69
o-Xylene
Concen: 19.426 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

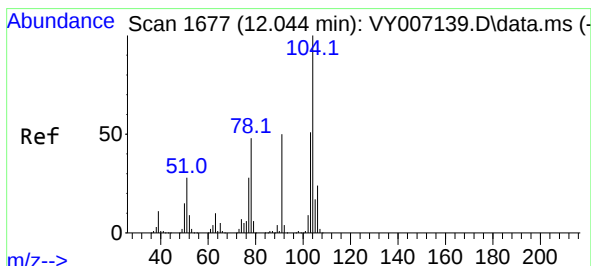
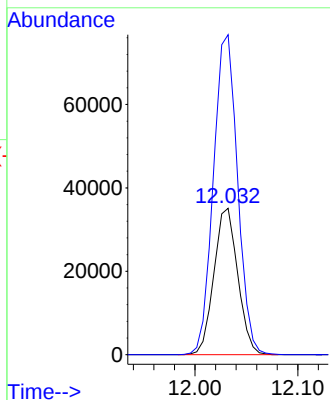
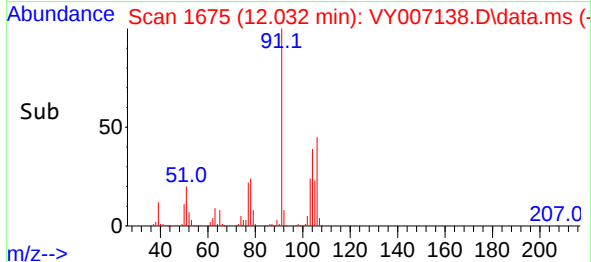
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



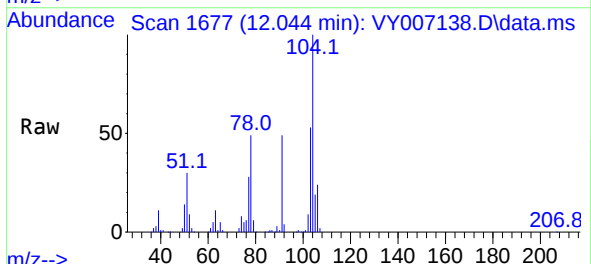
Tgt Ion:106 Resp: 5647
Ion Ratio Lower Upper
106 100
91 221.6 109.9 329.6

Manual Integrations
APPROVED

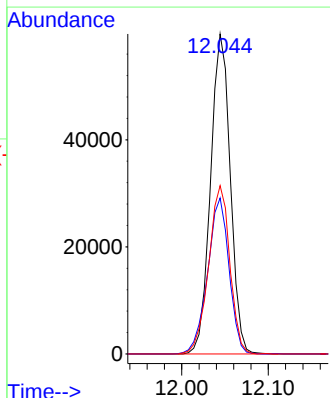
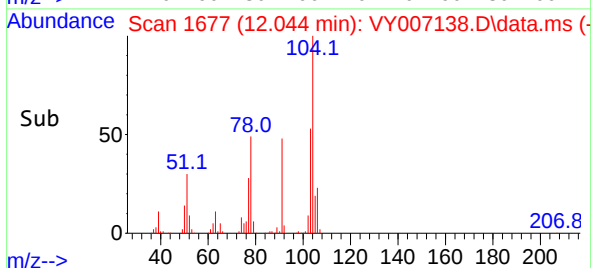
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

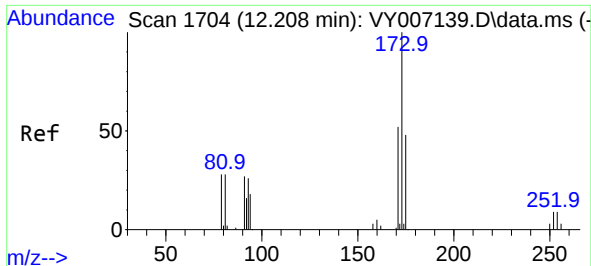


#70
Styrene
Concen: 19.242 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



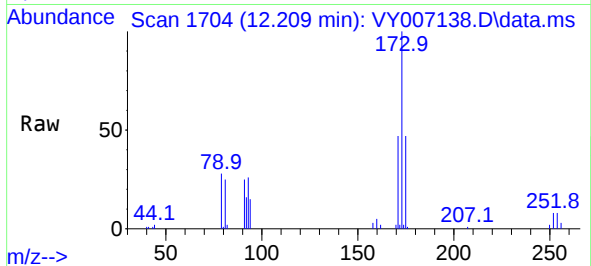
Tgt Ion:104 Resp: 94629
Ion Ratio Lower Upper
104 100
78 52.9 41.4 62.0
103 56.4 44.2 66.2





#71
Bromoform
Concen: 18.501 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

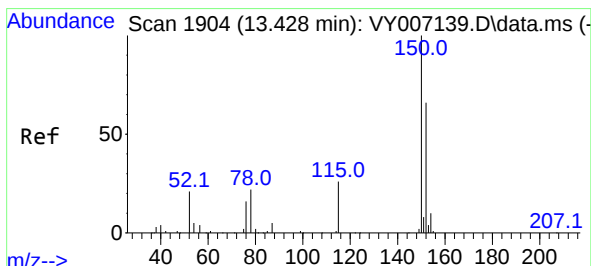
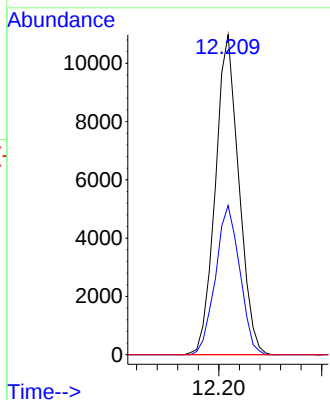
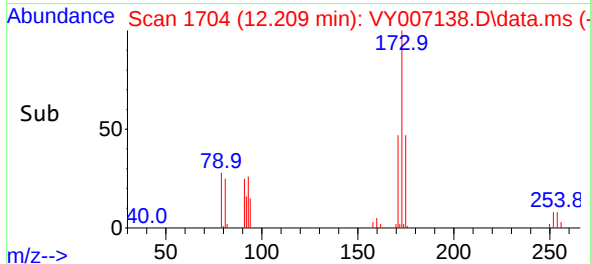
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



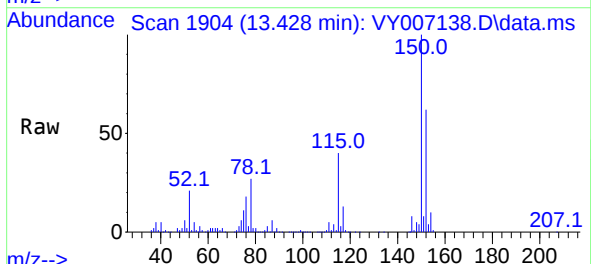
Tgt Ion:173 Resp: 17410
Ion Ratio Lower Upper
173 100
175 48.1 24.8 74.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

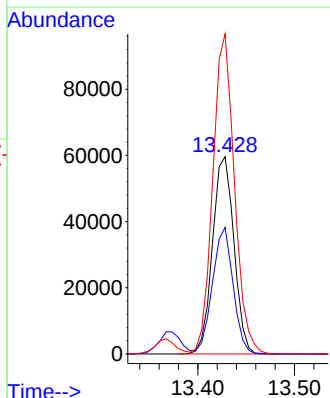
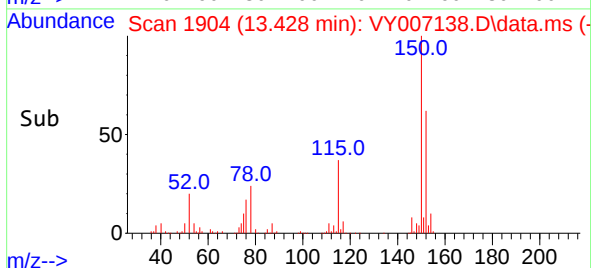
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

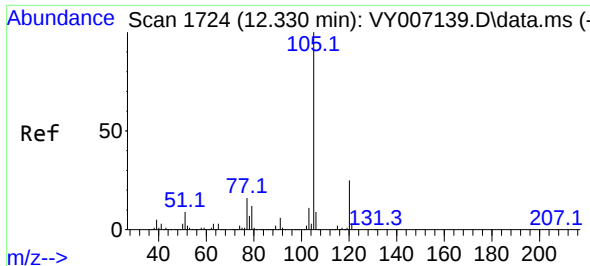


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



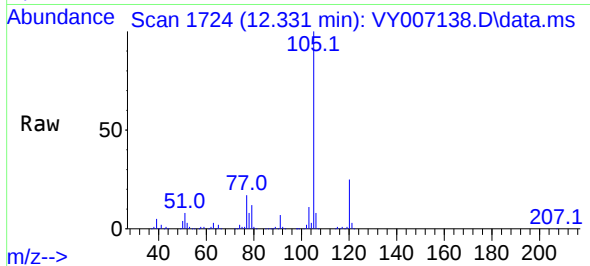
Tgt Ion:152 Resp: 91885
Ion Ratio Lower Upper
152 100
115 61.4 31.4 94.0
150 163.7 0.0 348.4





#73
Isopropylbenzene
Concen: 19.384 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

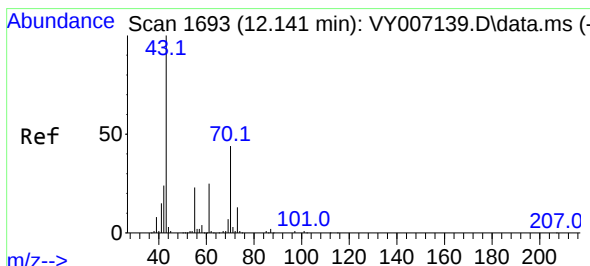
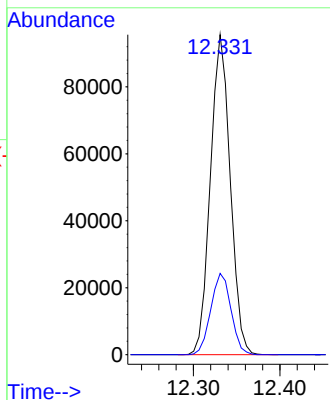
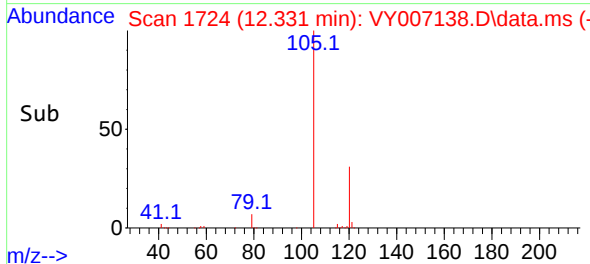
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



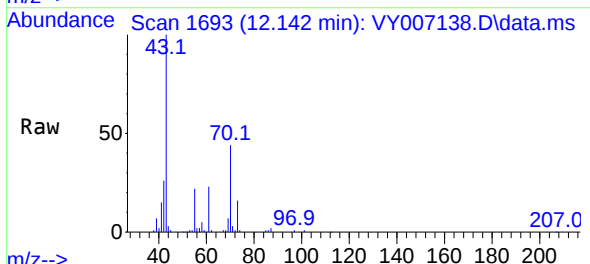
Tgt Ion:105 Resp: 151949
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

Manual Integrations
APPROVED

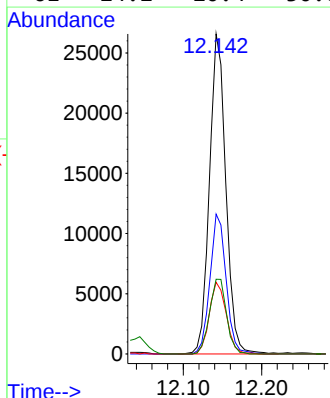
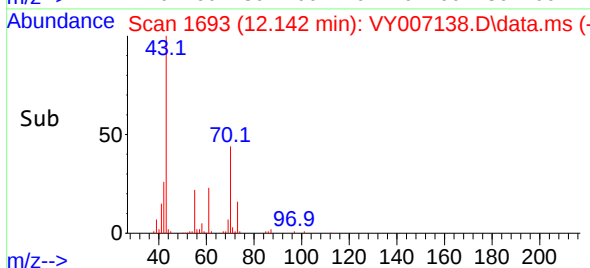
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

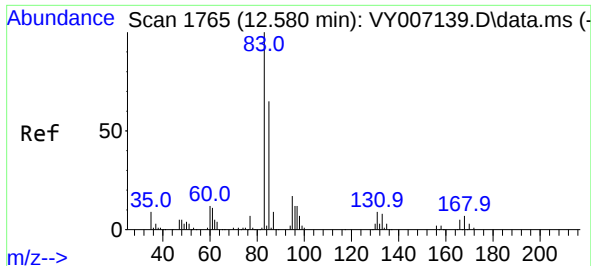


#74
N-ethyl acetate
Concen: 19.168 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



Tgt Ion: 43 Resp: 38573
Ion Ratio Lower Upper
43 100
70 43.1 36.2 54.4
55 23.2 19.0 28.4
61 24.2 20.4 30.6





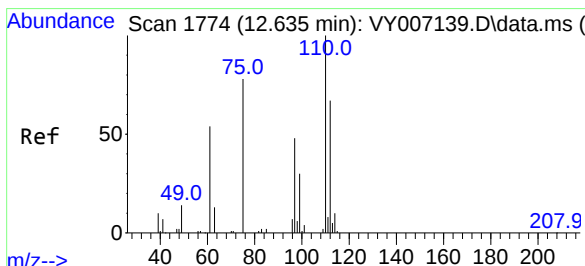
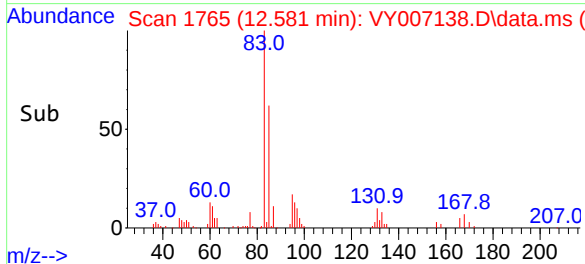
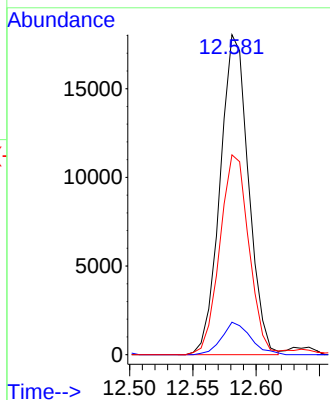
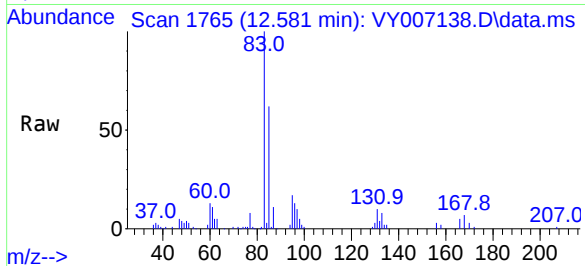
#75
1,1,2,2-Tetrachloroethane
Concen: 18.776 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 2813
Ion Ratio Lower Upper
83 100
131 10.3 5.3 16.1
85 64.0 32.4 97.2

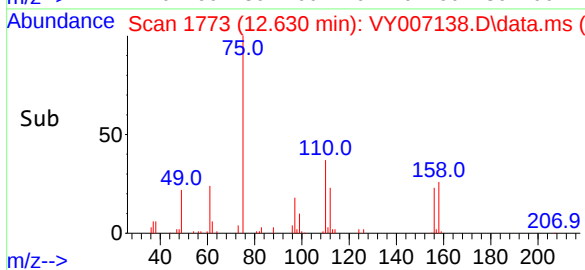
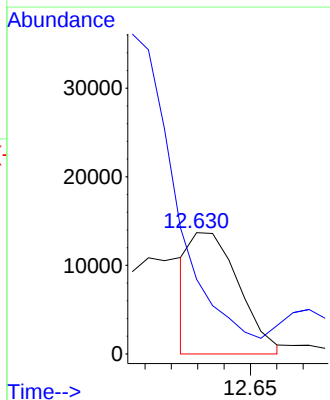
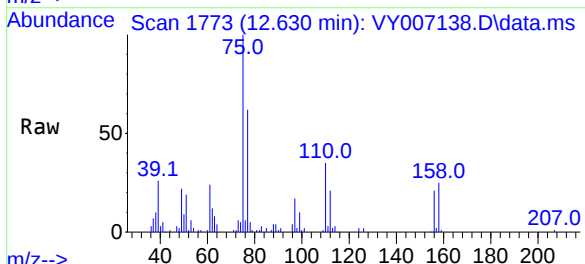
Manual Integrations
APPROVED

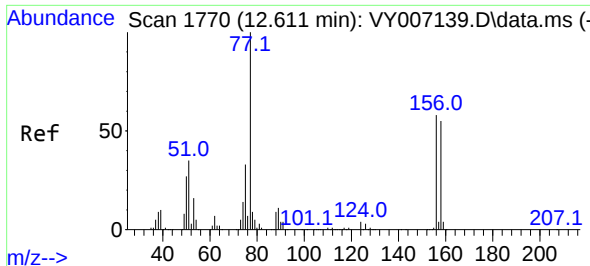
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#76
1,2,3-Trichloropropane
Concen: 16.237 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

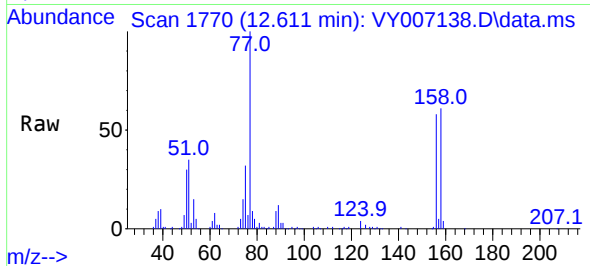
Tgt Ion: 75 Resp: 17464
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 18.832 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

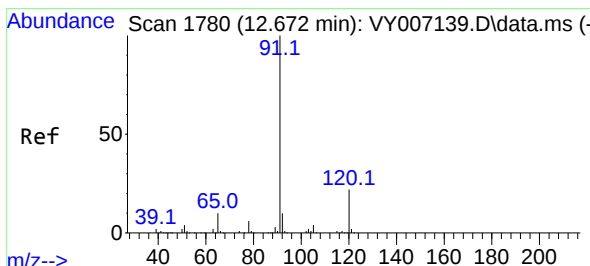
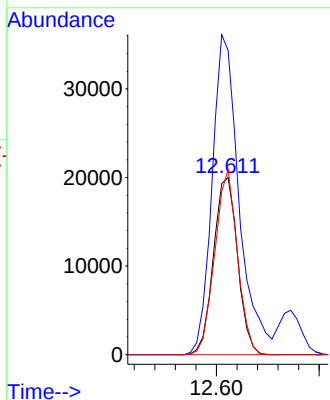
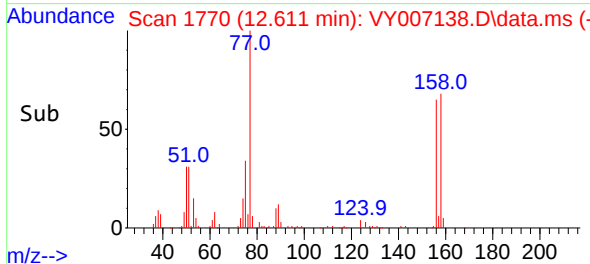
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



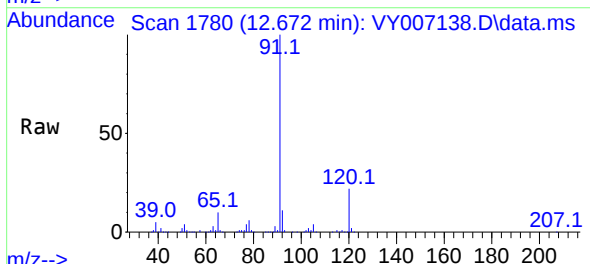
Tgt Ion: 156 Resp: 3250
Ion Ratio Lower Upper
156 100
77 202.4 98.7 296.1
158 98.2 48.4 145.2

Manual Integrations
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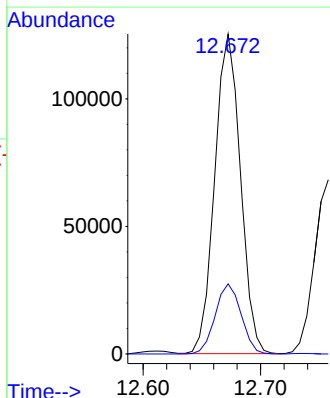
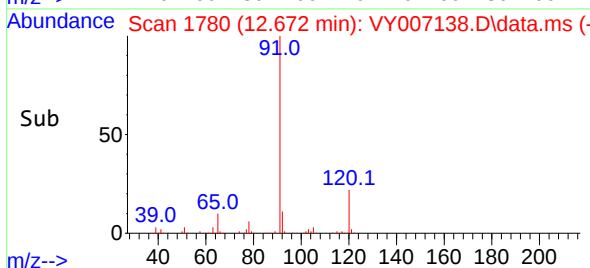
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

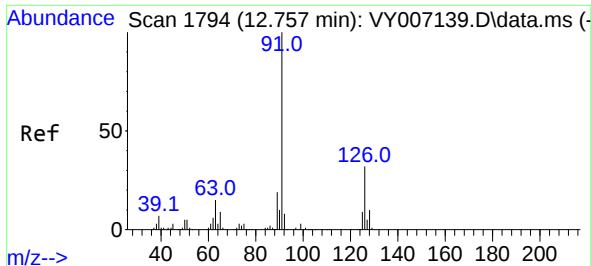


#78
n-propylbenzene
Concen: 19.886 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



Tgt Ion: 91 Resp: 190453
Ion Ratio Lower Upper
91 100
120 22.0 11.2 33.5





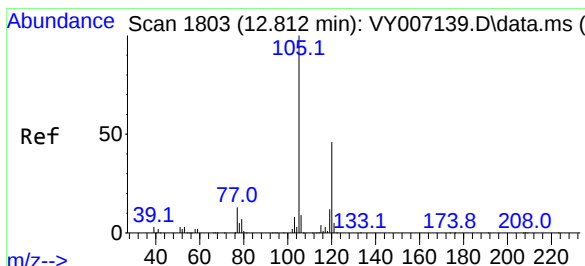
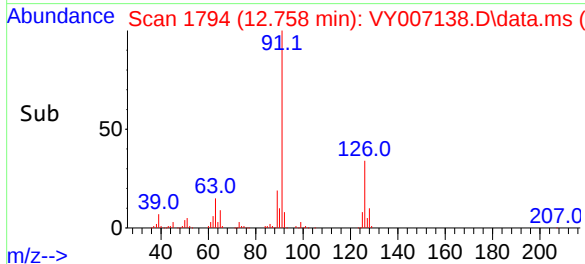
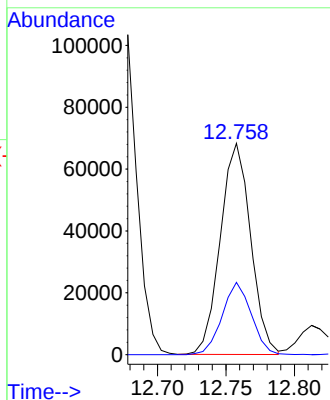
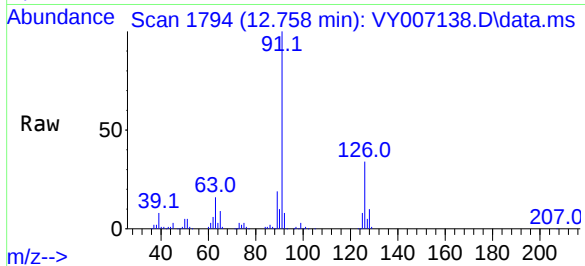
#79
2-Chlorotoluene
Concen: 19.334 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 105278
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1

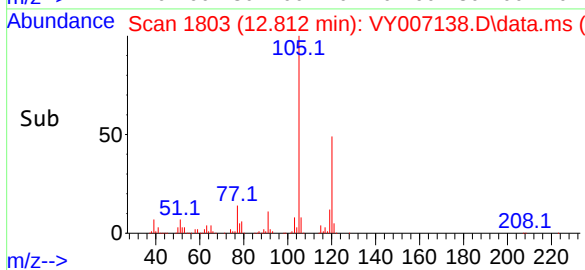
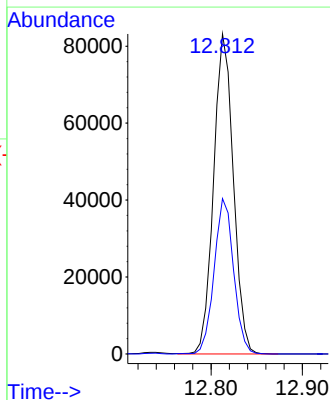
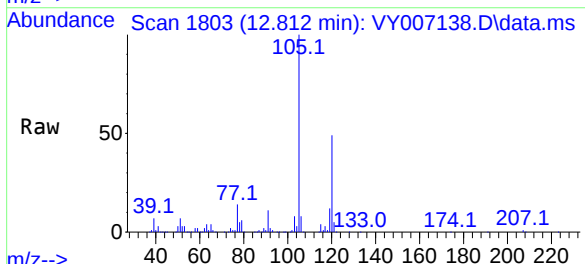
Manual Integrations
APPROVED

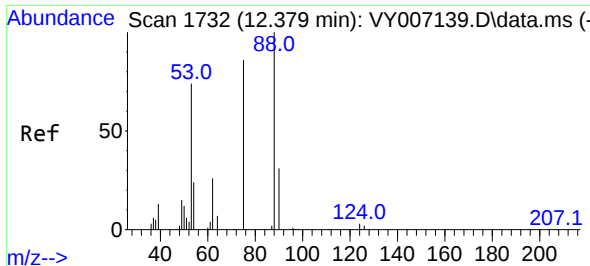
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.398 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

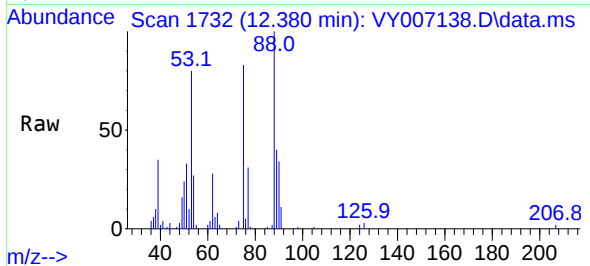
Tgt Ion:105 Resp: 124924
Ion Ratio Lower Upper
105 100
120 47.9 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.990 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

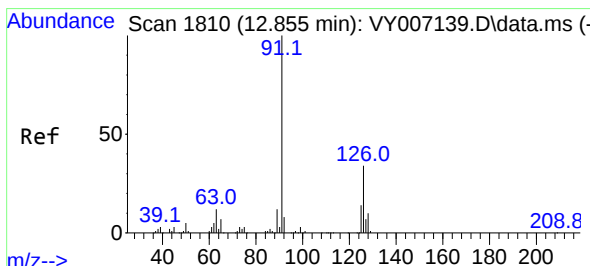
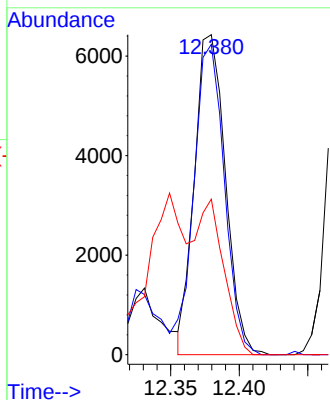
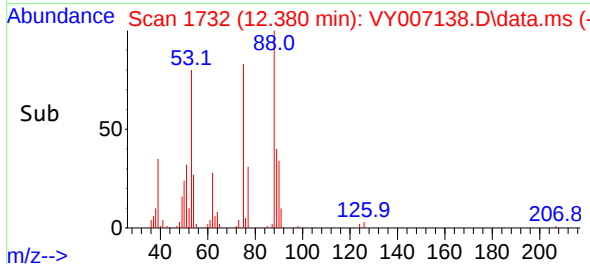
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



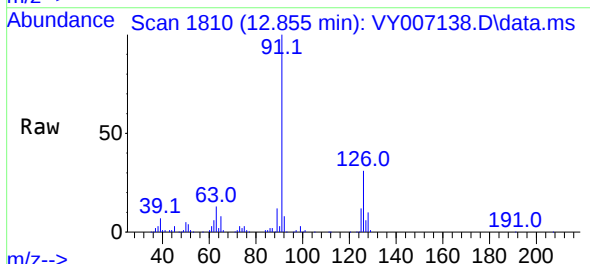
Tgt Ion: 75 Resp: 1012
Ion Ratio Lower Upper
75 100
53 95.8 73.9 110.9
89 36.9 0.0 0.0

Manual Integrations
APPROVED

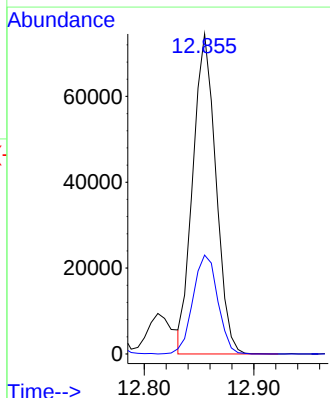
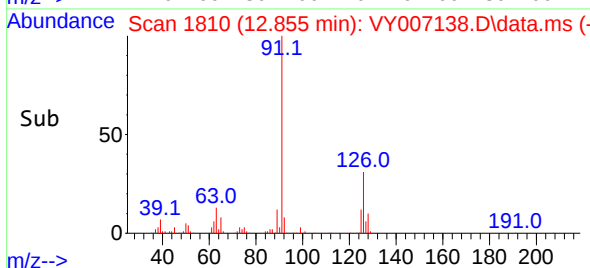
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

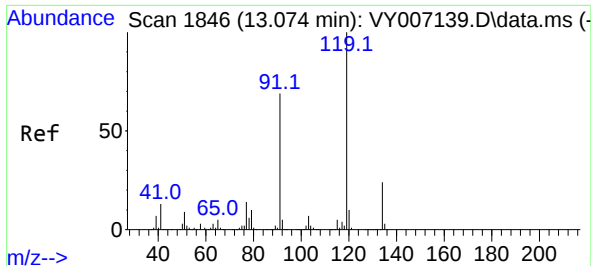


#82
4-Chlorotoluene
Concen: 19.338 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



Tgt Ion: 91 Resp: 108748
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.9





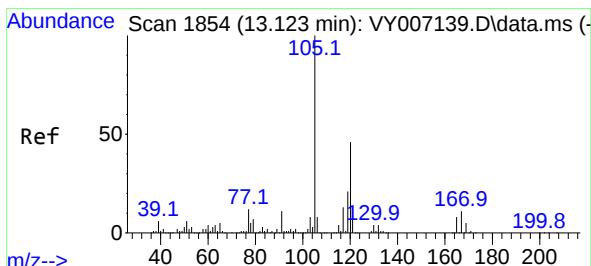
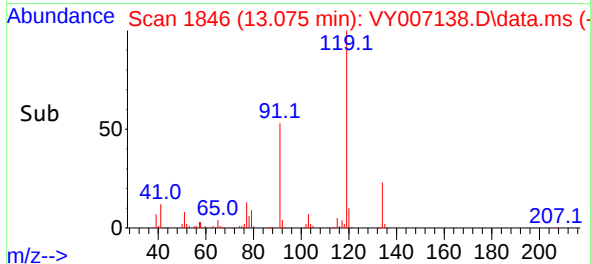
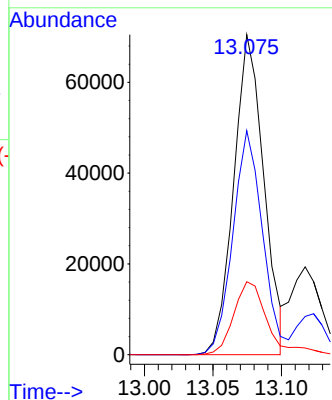
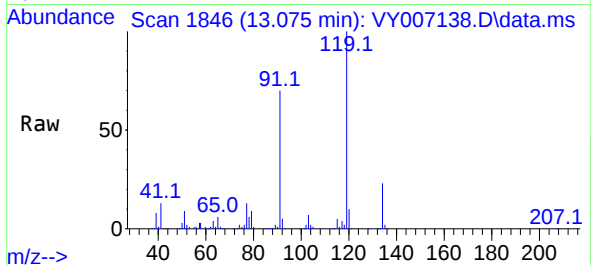
#83
tert-Butylbenzene
Concen: 19.082 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 108010
Ion Ratio Lower Upper
119 100
91 69.4 33.1 99.5
134 25.6 12.9 38.7

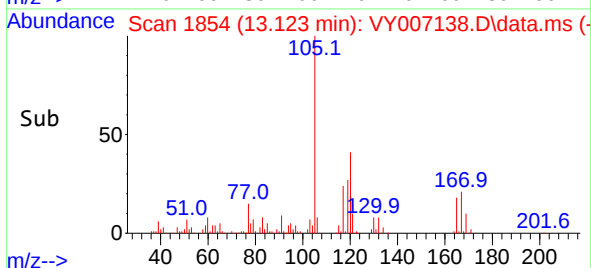
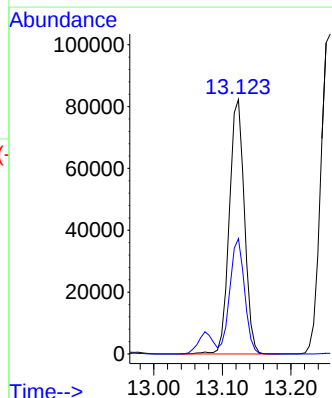
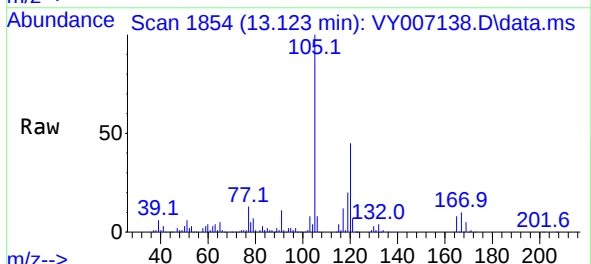
Manual Integrations
APPROVED

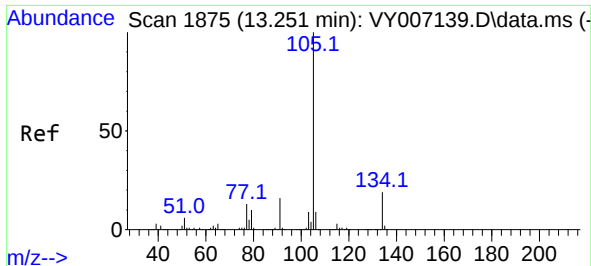
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.774 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

Tgt Ion:105 Resp: 125430
Ion Ratio Lower Upper
105 100
120 44.3 21.6 64.6





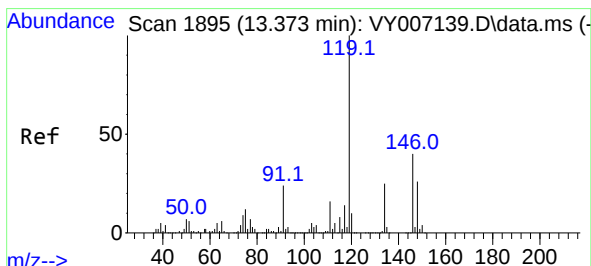
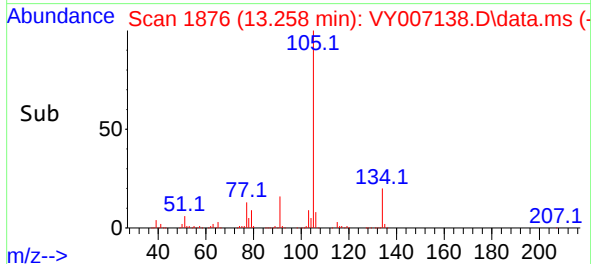
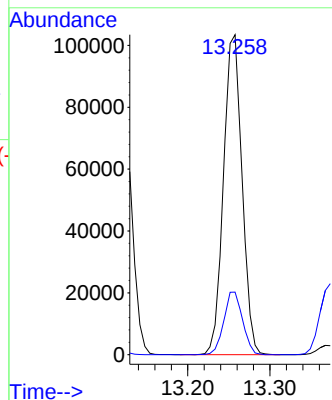
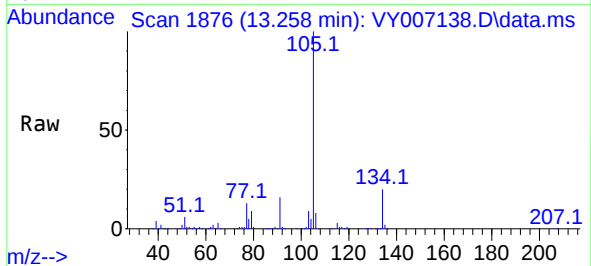
#85
 sec-Butylbenzene
 Concen: 19.574 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.007 min
 Lab File: VY007138.D
 Acq: 13 Jan 2022 12:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 162124
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

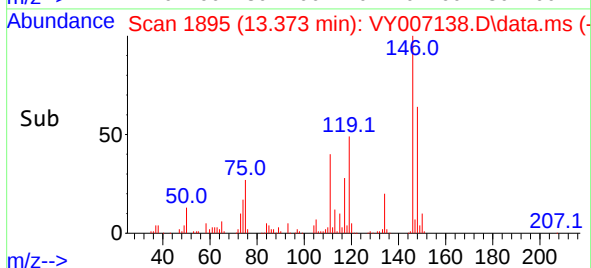
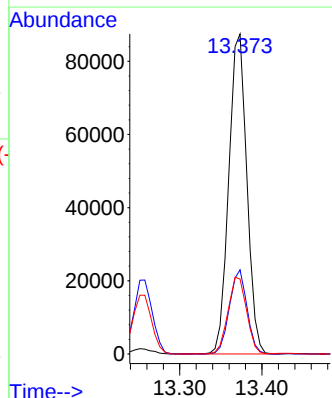
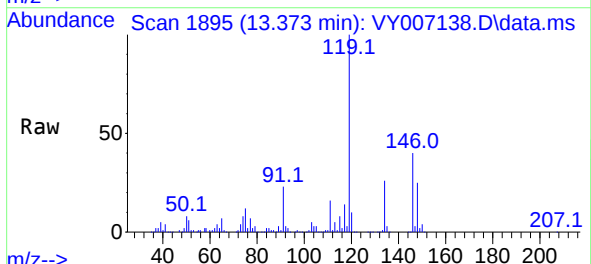
Manual Integrations
 APPROVED

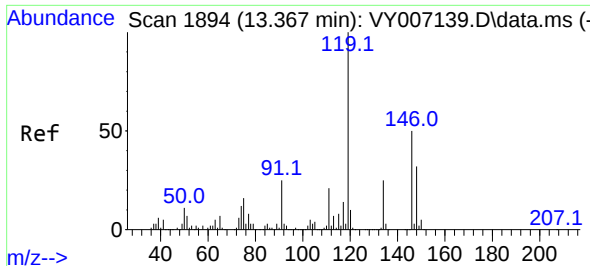
Reviewed By :John Carlone 01/14/2022
 Supervised By :Mahesh Dadoda 01/14/2022



#86
 p-Isopropyltoluene
 Concen: 19.682 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY007138.D
 Acq: 13 Jan 2022 12:23

Tgt Ion:119 Resp: 133754
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 24.7 12.4 37.2





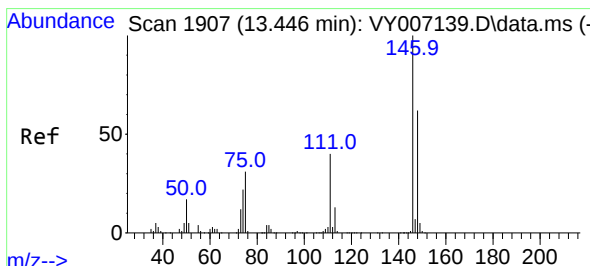
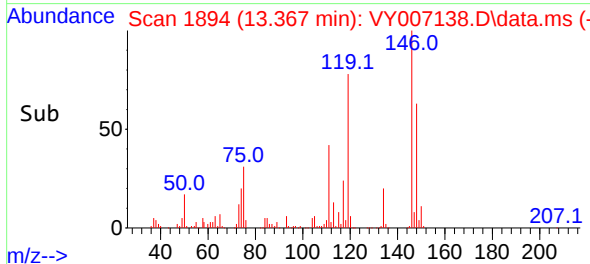
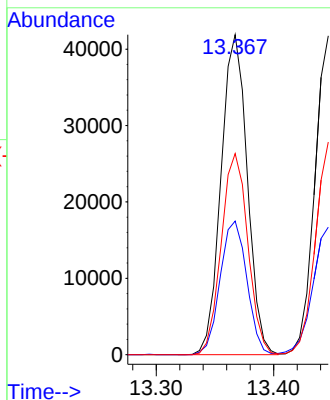
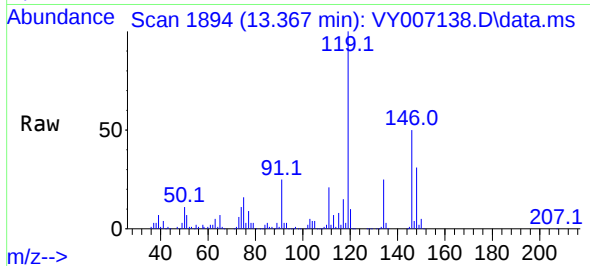
#87
1,3-Dichlorobenzene
Concen: 19.491 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 6504
Ion Ratio Lower Upper
146 100
111 42.6 21.1 63.1
148 63.7 31.9 95.7

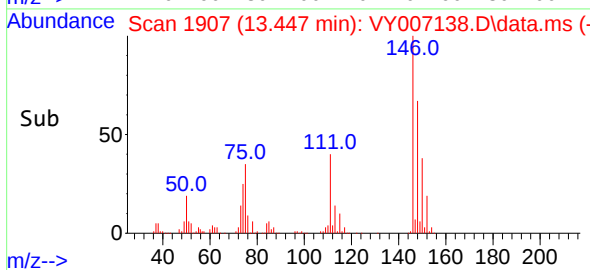
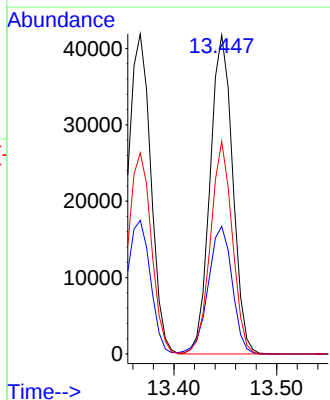
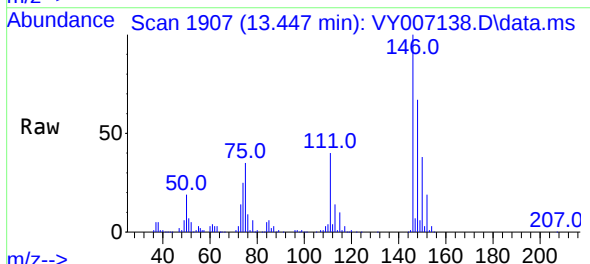
Manual Integrations
APPROVED

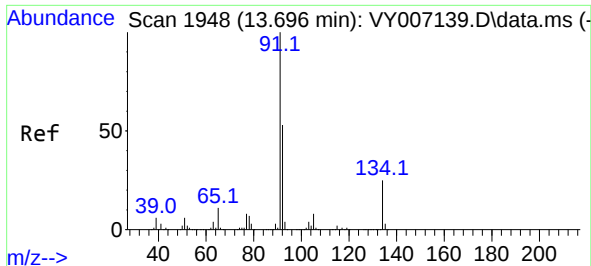
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#88
1,4-Dichlorobenzene
Concen: 19.168 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

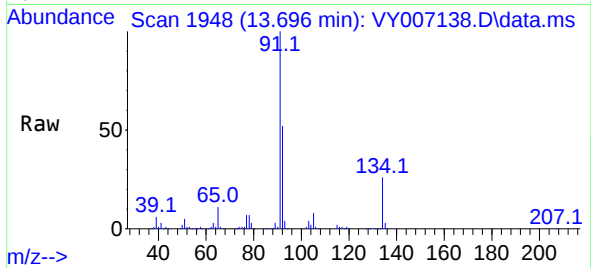
Tgt Ion:146 Resp: 63844
Ion Ratio Lower Upper
146 100
111 42.3 20.7 62.1
148 64.2 32.0 96.2





#89
n-Butylbenzene
Concen: 19.862 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

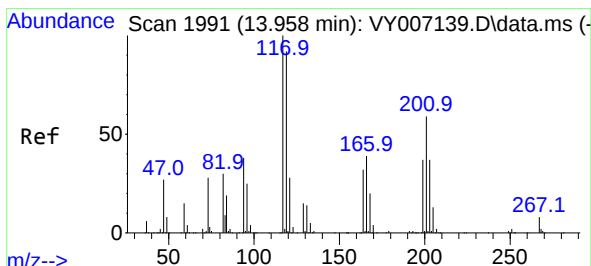
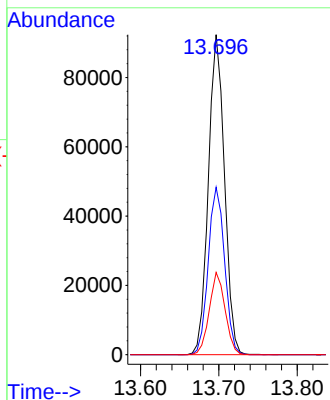
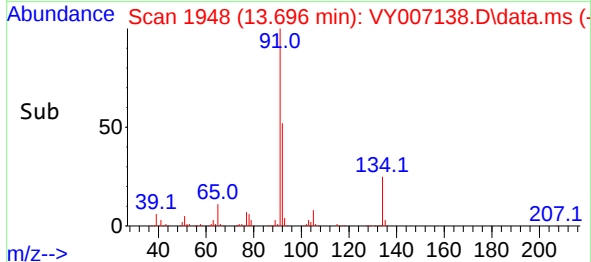
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 131650
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.6
134 25.3 12.6 37.6

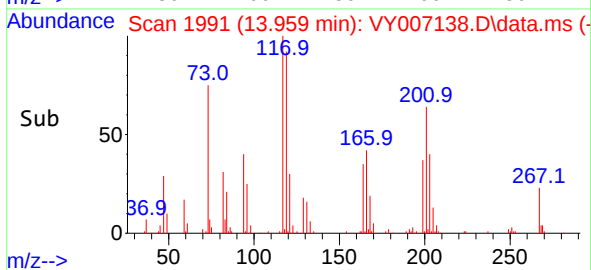
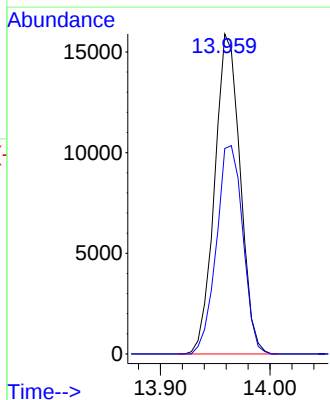
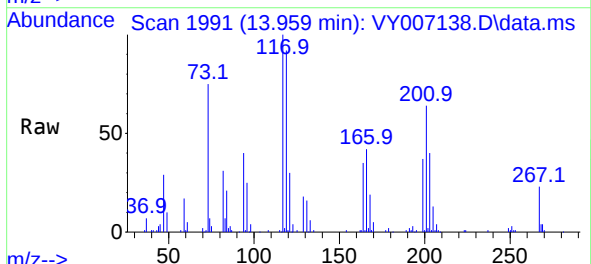
Manual Integrations
APPROVED

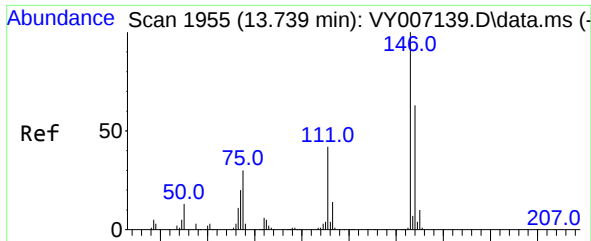
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#90
Hexachloroethane
Concen: 19.121 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

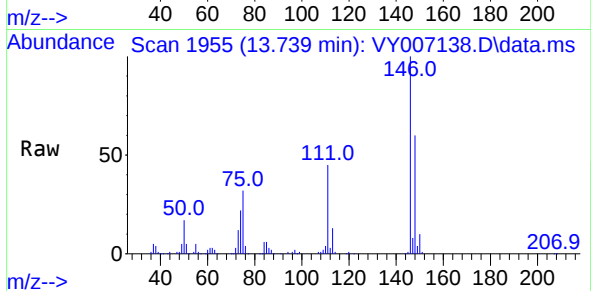
Tgt Ion:117 Resp: 25712
Ion Ratio Lower Upper
117 100
201 67.5 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 19.389 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

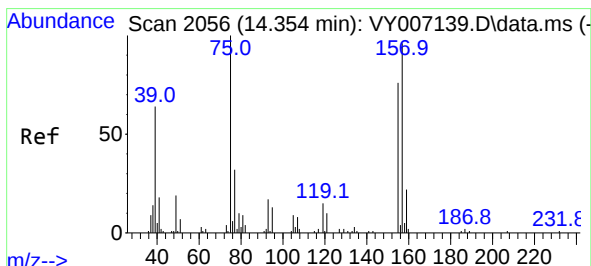
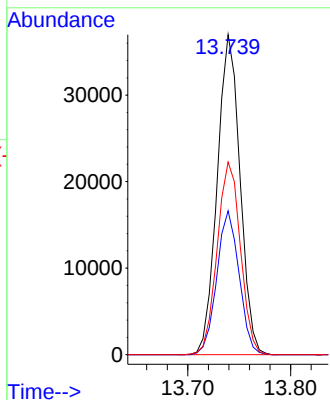
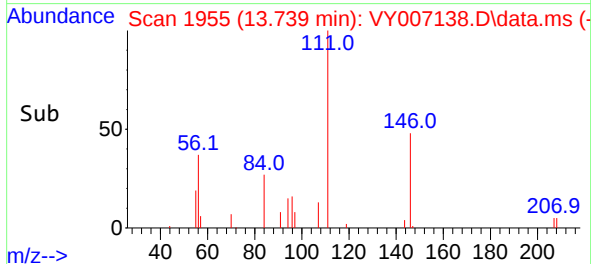
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



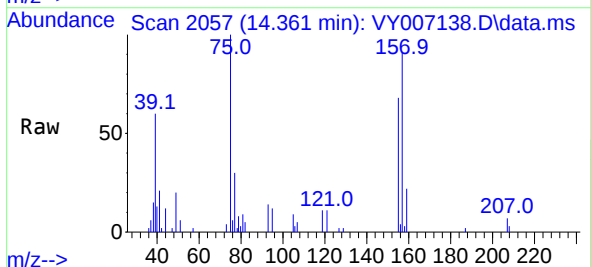
Tgt Ion:146 Resp: 5696
Ion Ratio Lower Upper
146 100
111 43.9 21.4 64.3
148 61.3 31.1 93.5

Manual Integrations
APPROVED

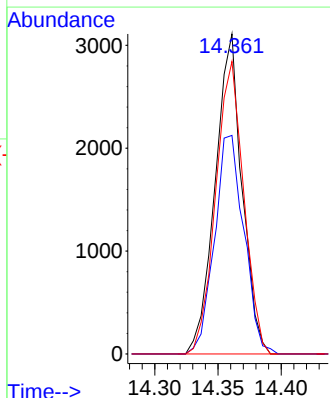
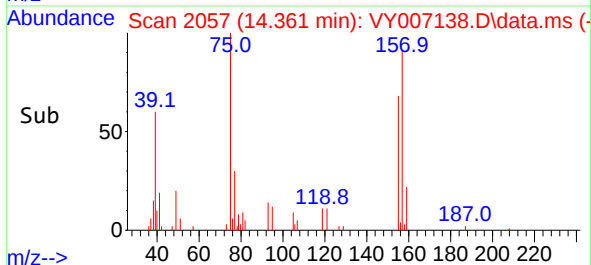
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

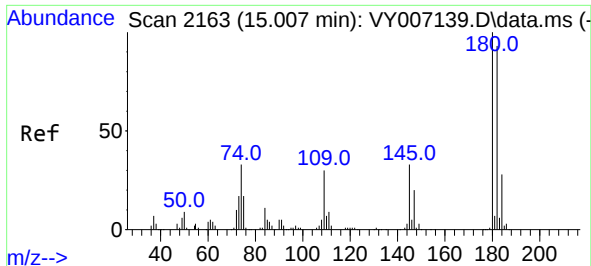


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.361 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.007 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



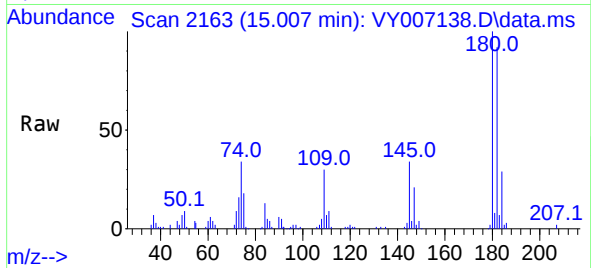
Tgt Ion: 75 Resp: 4591
Ion Ratio Lower Upper
75 100
155 74.7 40.1 120.2
157 95.2 51.7 155.2





#93
1,2,4-Trichlorobenzene
Concen: 18.476 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

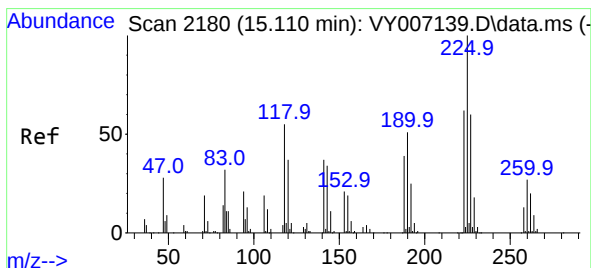
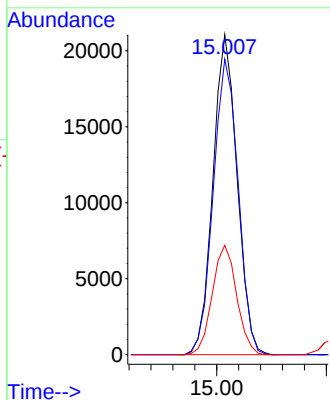
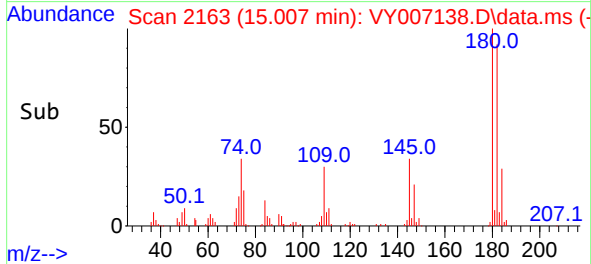
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



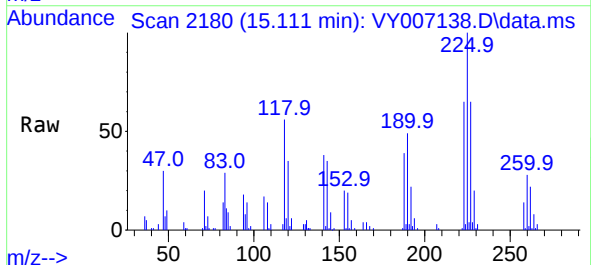
Tgt Ion:180 Resp: 3229
Ion Ratio Lower Upper
180 100
182 95.1 47.6 142.8
145 34.4 16.4 49.1

Manual Integrations
APPROVED

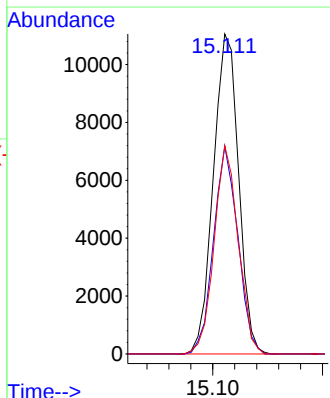
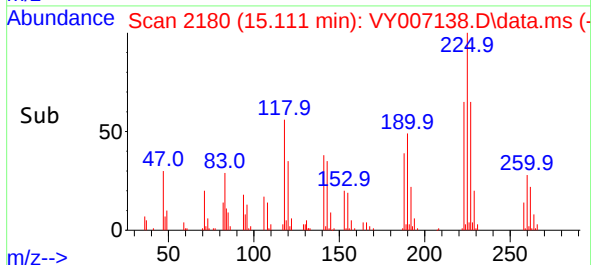
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

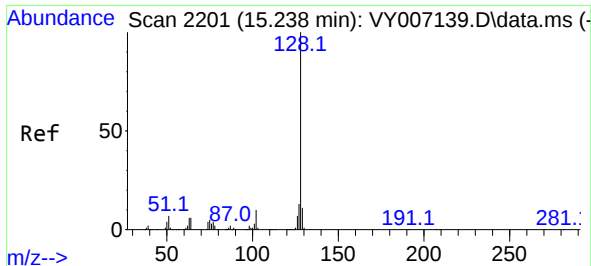


#94
Hexachlorobutadiene
Concen: 19.598 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



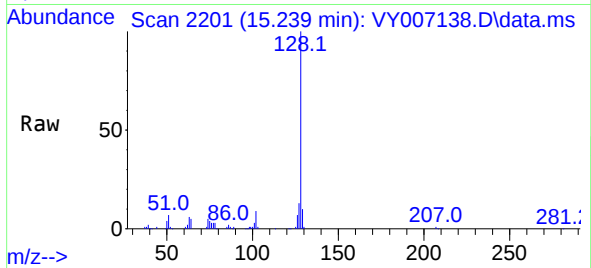
Tgt Ion:225 Resp: 17660
Ion Ratio Lower Upper
225 100
223 62.6 32.6 97.8
227 61.9 32.0 96.2





#95
Naphthalene
Concen: 18.162 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23

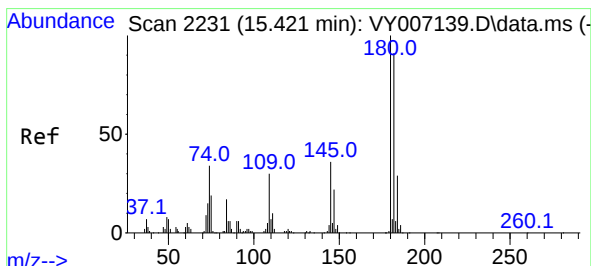
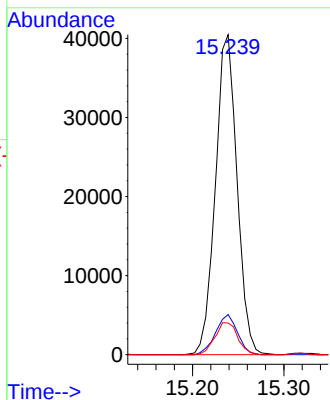
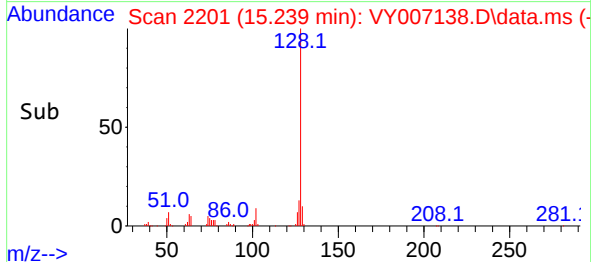
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



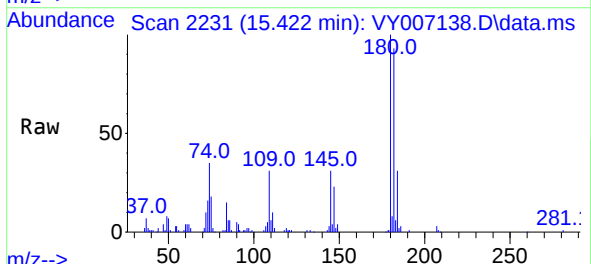
Tgt Ion:128 Resp: 6645
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.327 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY007138.D
Acq: 13 Jan 2022 12:23



Tgt Ion:180 Resp: 26975
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.8
145 33.9 17.2 51.5

