

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011322\
 Data File : VY007140.D
 Acq On : 13 Jan 2022 13:13
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 14 05:28:36 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	229181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	199904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	160684	98.667	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 197.340%#			
35) Dibromofluoromethane	7.716	113	148640	96.286	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 192.580%#			
50) Toluene-d8	10.179	98	543096	95.414	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 190.820%#			
62) 4-Bromofluorobenzene	12.483	95	189655	92.567	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 185.140%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	50444	108.787	ug/l	91
3) Chloromethane	2.113	50	90093	92.439	ug/l	98
4) Vinyl Chloride	2.259	62	144381	101.674	ug/l	99
5) Bromomethane	2.662	94	93785	99.249	ug/l	99
6) Chloroethane	2.796	64	91838	105.254	ug/l	96
7) Trichlorofluoromethane	3.125	101	162466	95.608	ug/l	99
8) Diethyl Ether	3.528	74	86310	101.362	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	151177	101.118	ug/l	98
10) Methyl Iodide	4.088	142	224131	97.619	ug/l	98
11) Tert butyl alcohol	4.966	59	67077	516.293	ug/l	100
12) 1,1-Dichloroethene	3.869	96	153350	99.846	ug/l	97
13) Acrolein	3.729	56	16013	375.115	ug/l	97
14) Allyl chloride	4.479	41	243972	103.393	ug/l	98
15) Acrylonitrile	5.161	53	212091	540.985	ug/l	100
16) Acetone	3.948	43	226687	696.938	ug/l	99
17) Carbon Disulfide	4.192	76	422096	96.508	ug/l	99
18) Methyl Acetate	4.473	43	141653	100.458	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	290184	95.024	ug/l	96
20) Methylene Chloride	4.716	84	159701	87.964	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	161697	97.321	ug/l	99
22) Diisopropyl ether	6.119	45	483495	100.576	ug/l	99
23) Vinyl Acetate	6.058	43	1514432	542.865	ug/l	99
24) 1,1-Dichloroethane	6.015	63	298674	102.147	ug/l	99
25) 2-Butanone	6.984	43	290145	599.270	ug/l	99
26) 2,2-Dichloropropane	6.984	77	209377	93.201	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	187026	99.868	ug/l	98
28) Bromochloromethane	7.332	49	116717	107.957	ug/l	97
29) Tetrahydrofuran	7.350	42	181111	536.305	ug/l	99
30) Chloroform	7.509	83	310819	101.109	ug/l	99
31) Cyclohexane	7.783	56	262124	94.542	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	265122	99.492	ug/l	99
36) 1,1-Dichloropropene	7.917	75	242837	100.329	ug/l	100
37) Ethyl Acetate	7.076	43	128276	106.711	ug/l	97
38) Carbon Tetrachloride	7.899	117	255384	100.565	ug/l	100
39) Methylcyclohexane	9.185	83	299937	99.274	ug/l	100
40) Benzene	8.161	78	650672	99.547	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	78514m	115.610	ug/l	
42) 1,2-Dichloroethane	8.240	62	205256	102.243	ug/l	99
43) Isopropyl Acetate	8.271	43	249556	107.068	ug/l	98
44) Trichloroethene	8.941	130	177933	98.460	ug/l	99
45) 1,2-Dichloropropane	9.216	63	163578	100.583	ug/l	96
46) Dibromomethane	9.307	93	98994	102.259	ug/l	98
47) Bromodichloromethane	9.496	83	244611	101.174	ug/l	99
48) Methyl methacrylate	9.295	41	116869	112.102	ug/l	97
49) 1,4-Dioxane	9.307	88	22481	2223.540	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	635805	552.309	ug/l	98
52) Toluene	10.246	92	416045	99.653	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	261023	103.111	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	285647	100.206	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	132233	100.436	ug/l	97
56) Ethyl methacrylate	10.508	69	194468	105.389	ug/l	98
57) 1,3-Dichloropropane	10.788	76	231522	100.369	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	411670	488.681	ug/l	99
59) 2-Hexanone	10.831	43	435509	579.295	ug/l	98
60) Dibromochloromethane	10.984	129	167664	102.255	ug/l	100
61) 1,2-Dibromoethane	11.093	107	132178	100.316	ug/l	100
64) Tetrachloroethene	10.721	164	141943	99.657	ug/l	98
65) Chlorobenzene	11.514	112	435491	100.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	162476	101.281	ug/l	100
67) Ethyl Benzene	11.593	91	822174	101.508	ug/l	99
68) m/p-Xylenes	11.703	106	607990	200.583	ug/l	100
69) o-Xylene	12.032	106	286729	101.136	ug/l	100
70) Styrene	12.044	104	489368	102.033	ug/l	100
71) Bromoform	12.209	173	95896	104.490	ug/l #	99
73) Isopropylbenzene	12.331	105	761345	101.388	ug/l	100
74) N-amyl acetate	12.142	43	213228	110.608	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	151444	105.502	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	98801m	95.895	ug/l	
77) Bromobenzene	12.611	156	165509	100.089	ug/l	98
78) n-propylbenzene	12.672	91	937522	102.188	ug/l	100
79) 2-Chlorotoluene	12.758	91	516442	99.004	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	620751	100.622	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	57327	106.363	ug/l #	100
82) 4-Chlorotoluene	12.855	91	538714	100.000	ug/l	100
83) tert-Butylbenzene	13.075	119	529731	97.691	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	609373	100.283	ug/l	99
85) sec-Butylbenzene	13.258	105	795914	100.313	ug/l	99
86) p-Isopropyltoluene	13.373	119	655299	100.659	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	319696	100.009	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	316564	99.212	ug/l	99
89) n-Butylbenzene	13.696	91	642359	101.166	ug/l	100
90) Hexachloroethane	13.959	117	129616	100.620	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	280065	99.518	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	25091	104.753	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	174428	104.184	ug/l	99
94) Hexachlorobutadiene	15.111	225	86214	99.876	ug/l	98
95) Naphthalene	15.239	128	379636	108.310	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	148750	105.496	ug/l	100

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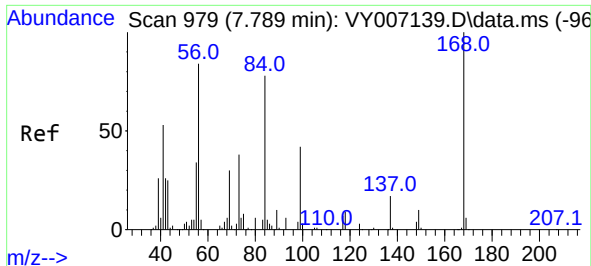
Manual Integrations
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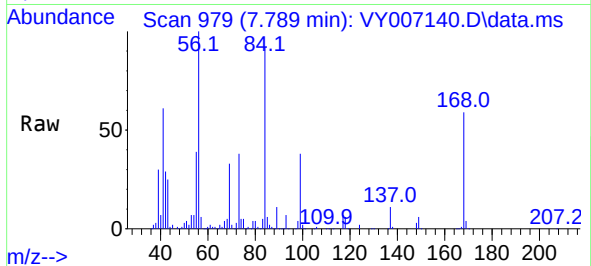
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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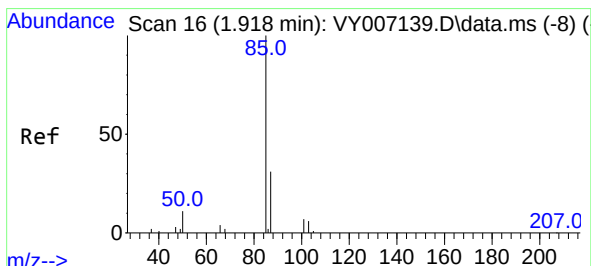
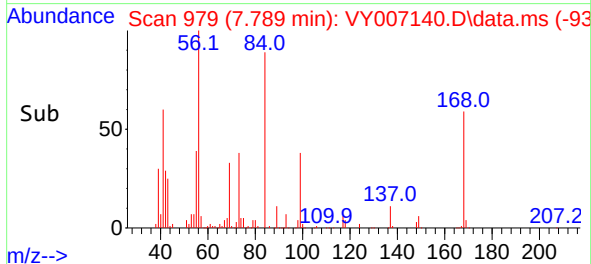
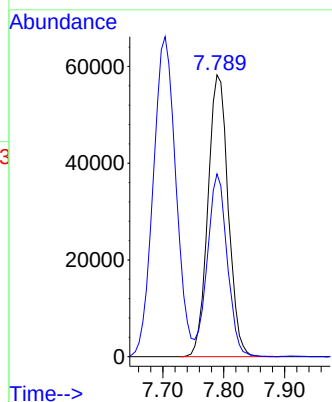
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 13479
Ion Ratio Lower Upper
168 100
99 64.7 49.1 73.7

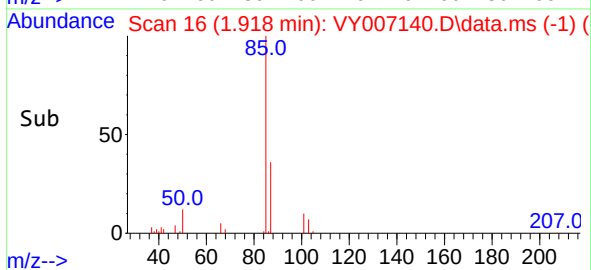
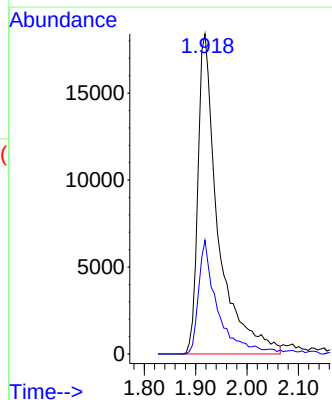
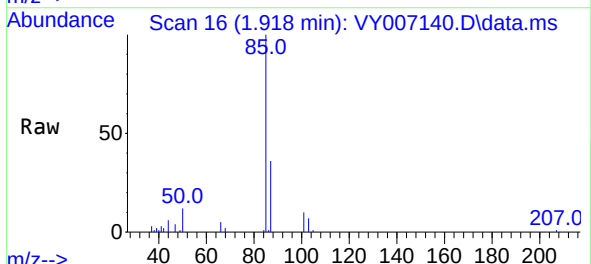
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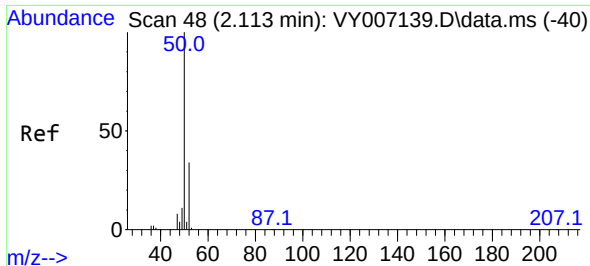
Reviewed By :John Carlone 01/14/2022
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#2
Dichlorodifluoromethane
Concen: 108.787 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

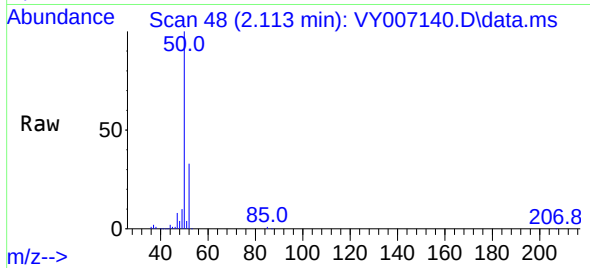
Tgt Ion: 85 Resp: 50444
Ion Ratio Lower Upper
85 100
87 35.6 15.2 45.6





#3
Chloromethane
Concen: 92.439 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

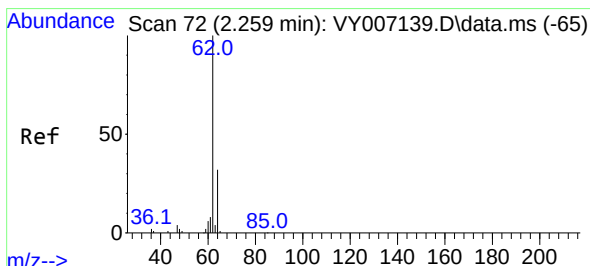
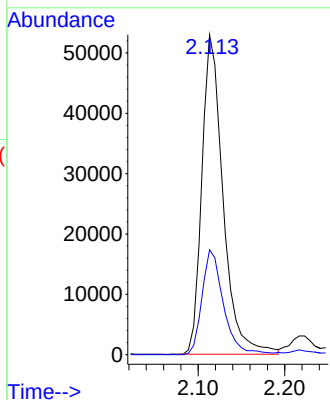
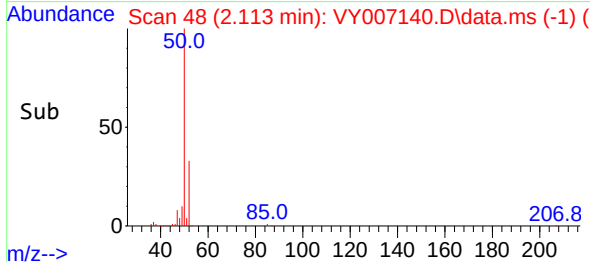
Instrument :
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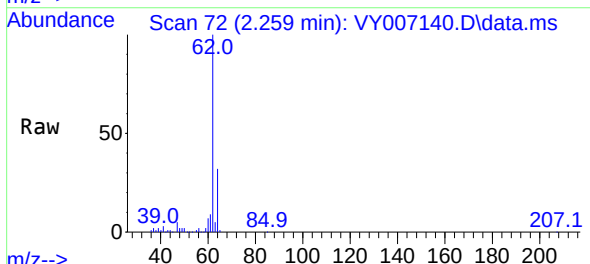
Tgt Ion: 50 Resp: 9009
Ion Ratio Lower Upper
50 100
52 32.9 27.1 40.7

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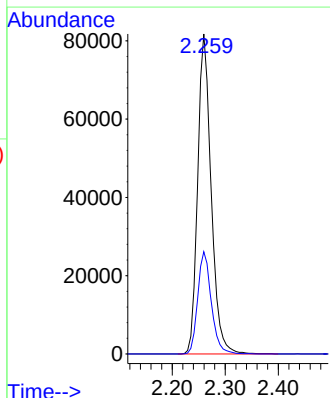
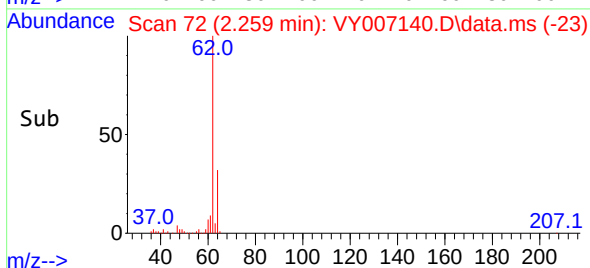
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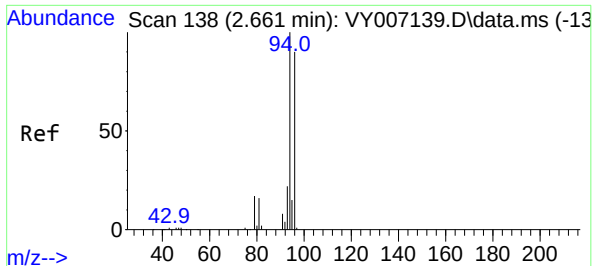


#4
Vinyl Chloride
Concen: 101.674 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



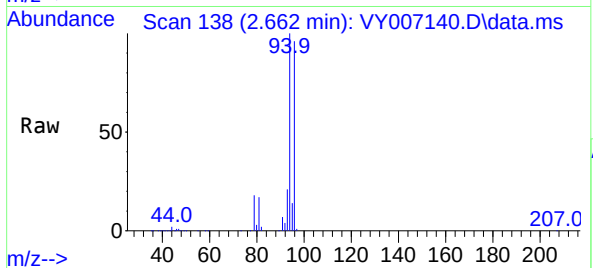
Tgt Ion: 62 Resp: 144381
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1





#5
Bromomethane
Concen: 99.249 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007140.D
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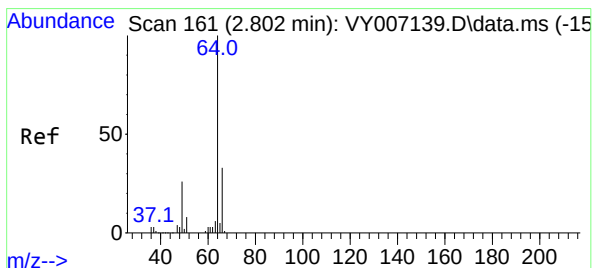
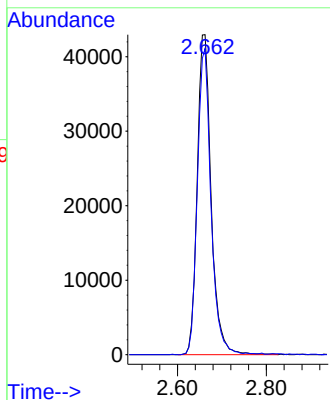
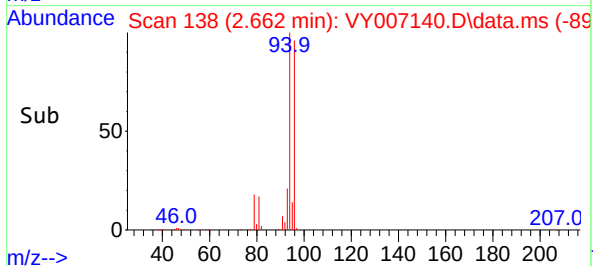
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 94 Resp: 9378
Ion Ratio Lower Upper
94 100
96 95.7 75.8 113.6

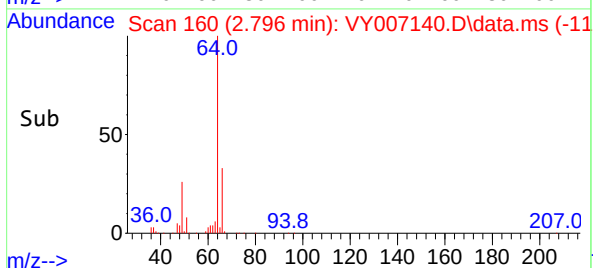
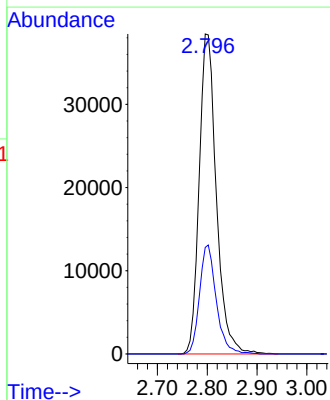
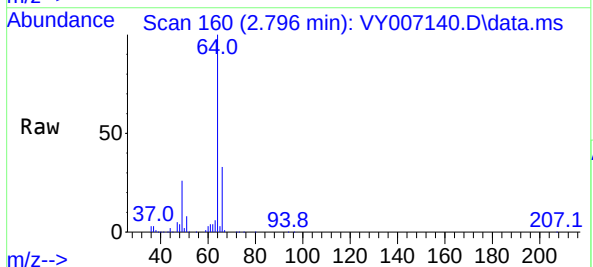
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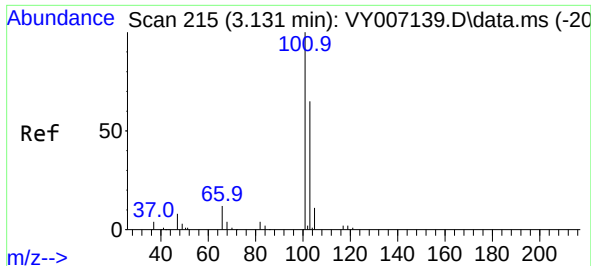
Reviewed By :John Carlone 01/14/2022
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#6
Chloroethane
Concen: 105.254 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY007140.D
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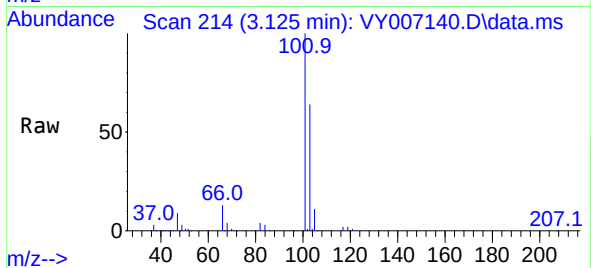
Tgt Ion: 64 Resp: 91838
Ion Ratio Lower Upper
64 100
66 33.3 24.8 37.2





#7
Trichlorofluoromethane
Concen: 95.608 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY007140.D
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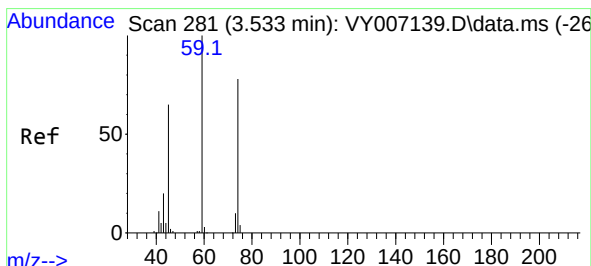
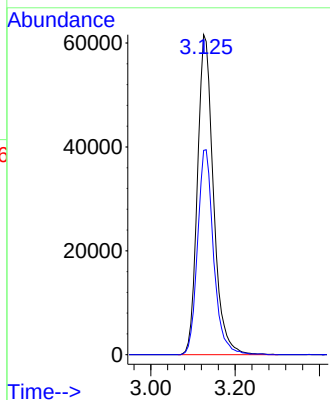
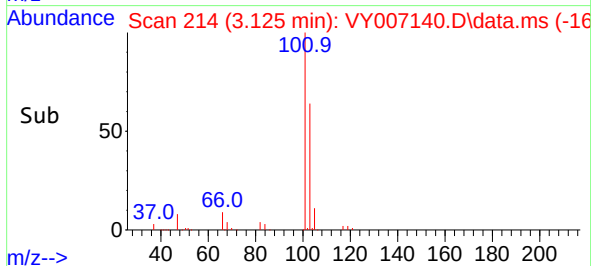
Instrument :
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VSTDIC100



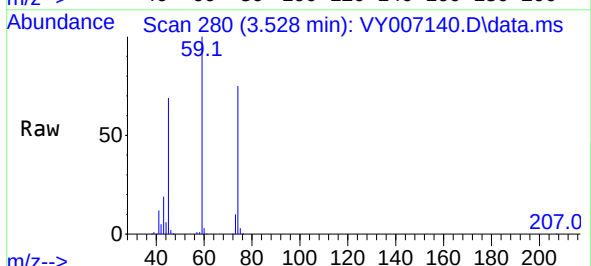
Tgt Ion:101 Resp: 162460
Ion Ratio Lower Upper
101 100
103 63.8 50.6 76.0

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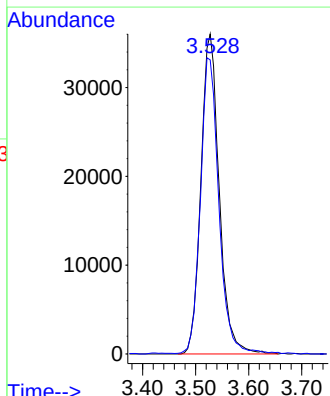
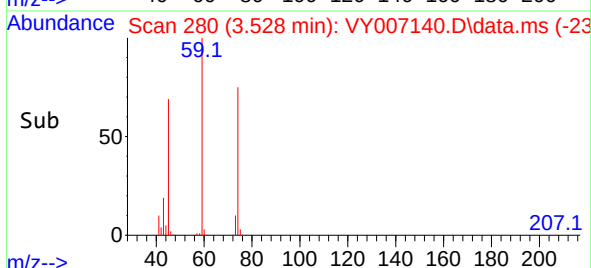
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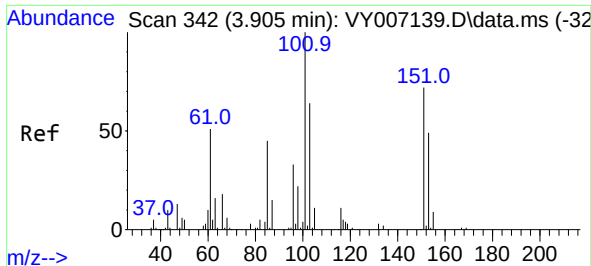


#8
Diethyl Ether
Concen: 101.362 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 86310
Ion Ratio Lower Upper
74 100
45 92.8 46.1 138.3





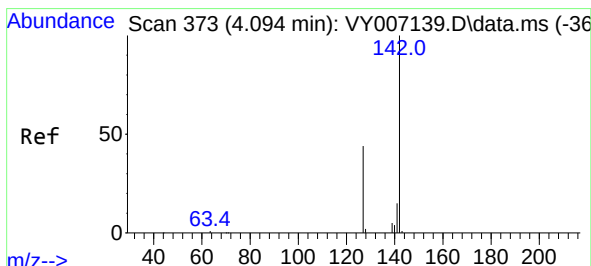
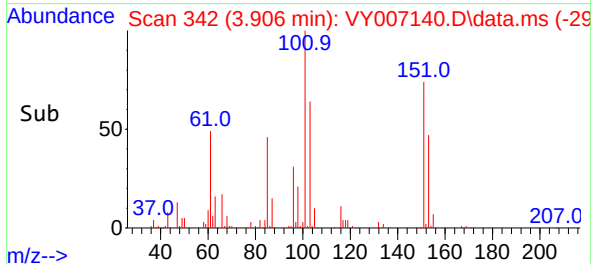
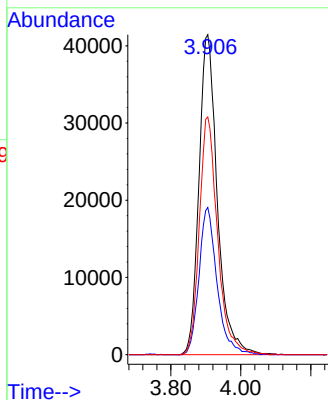
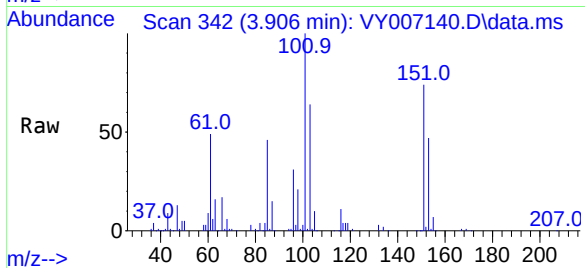
#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.118 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 15117
Ion Ratio Lower Upper
101 100
85 45.3 35.4 53.0
151 73.9 60.4 90.6

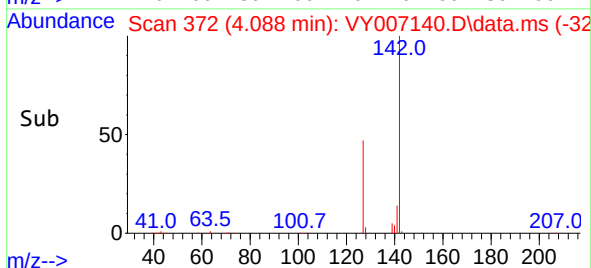
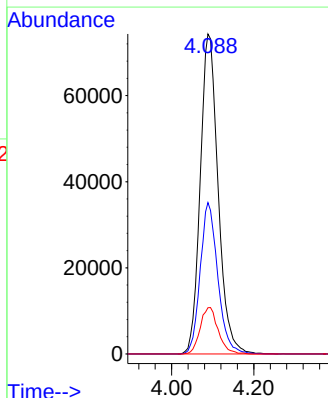
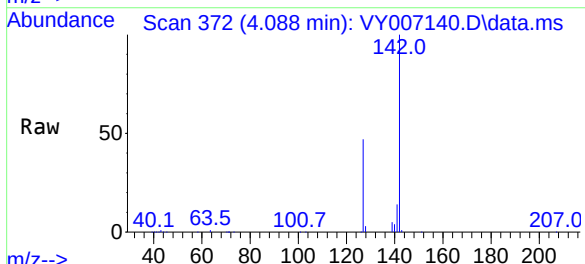
Manual Integrations
APPROVED

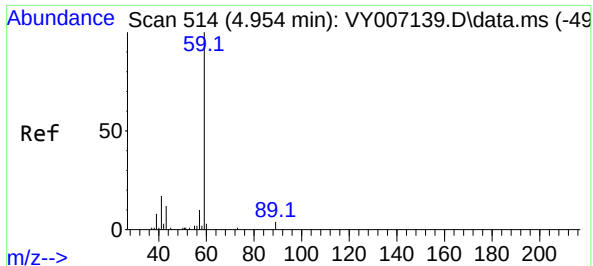
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#10
Methyl Iodide
Concen: 97.619 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

Tgt Ion:142 Resp: 224131
Ion Ratio Lower Upper
142 100
127 46.5 36.2 54.4
141 14.6 11.5 17.3





#11

Tert butyl alcohol

Concen: 516.293 ug/l

RT: 4.966 min Scan# 51

Delta R.T. 0.013 min

Lab File: VY007140.D

Acq: 13 Jan 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 59 Resp: 6707

Ion Ratio Lower Upper

59 100

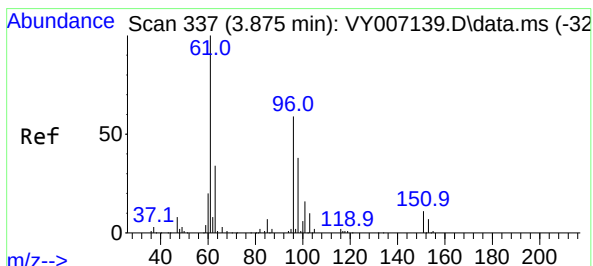
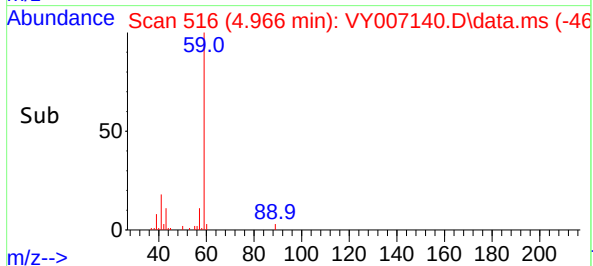
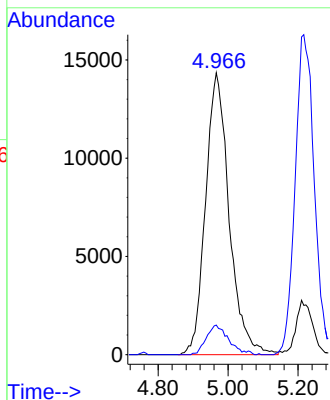
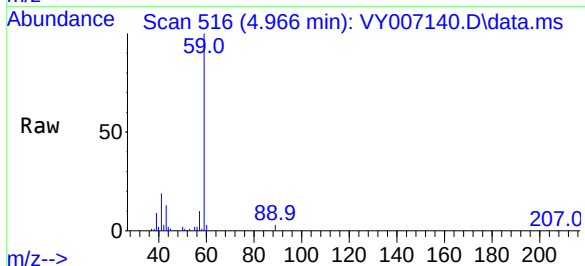
57 9.9 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2022

Supervised By :Mahesh Dadoda 01/14/2022



#12

1,1-Dichloroethene

Concen: 99.846 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY007140.D

Acq: 13 Jan 2022 13:13

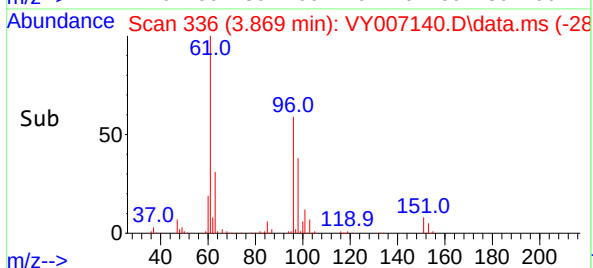
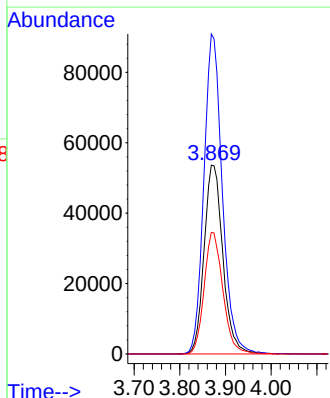
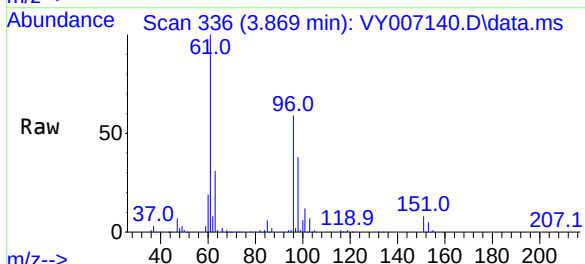
Tgt Ion: 96 Resp: 153350

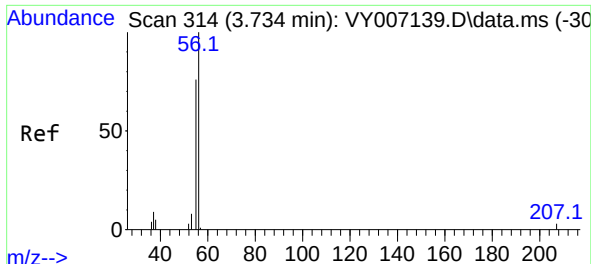
Ion Ratio Lower Upper

96 100

61 169.5 131.9 197.9

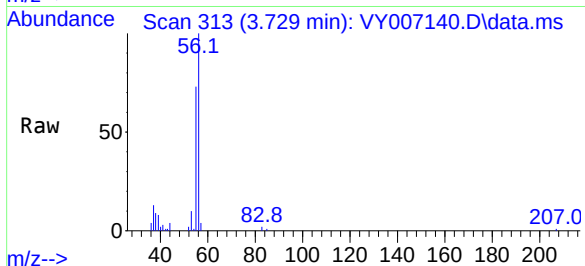
98 64.4 52.7 79.1





#13
Acrolein
Concen: 375.115 ug/l
RT: 3.729 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

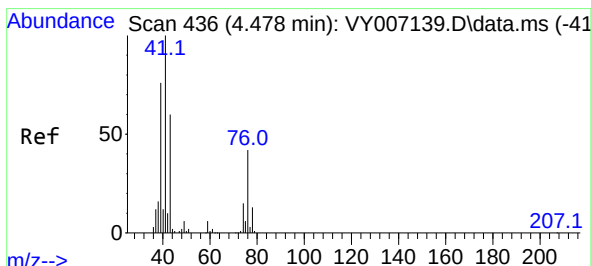
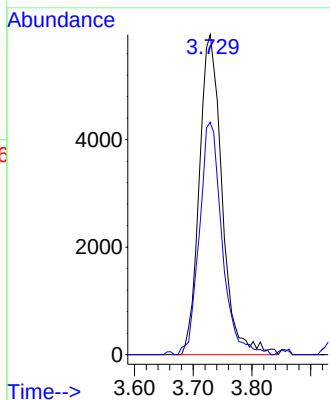
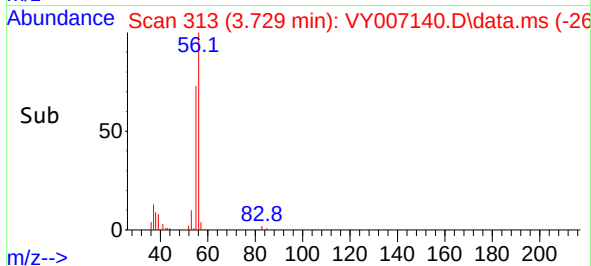
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



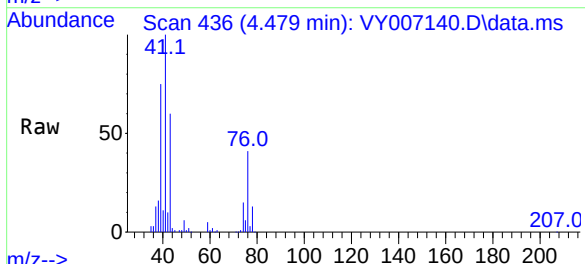
Tgt Ion: 56 Resp: 1601
Ion Ratio Lower Upper
56 100
55 72.5 55.7 83.5

Manual Integrations
APPROVED

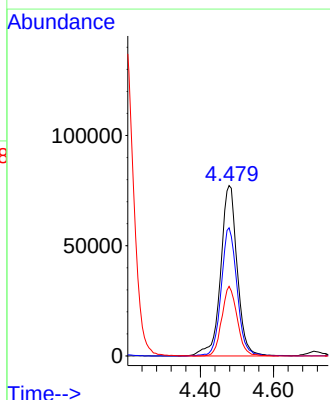
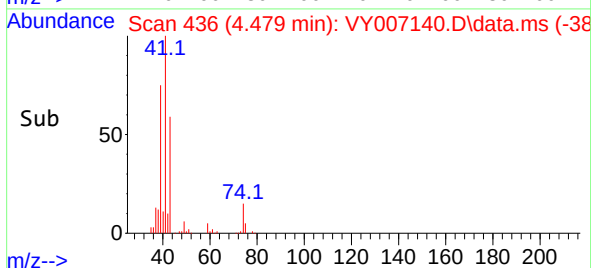
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

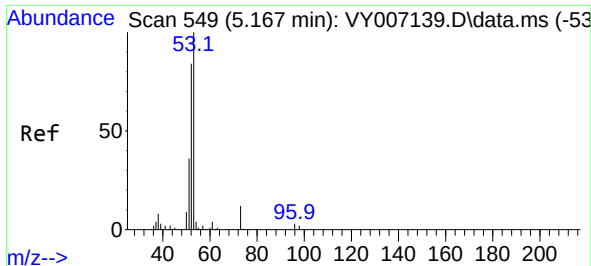


#14
Allyl chloride
Concen: 103.393 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



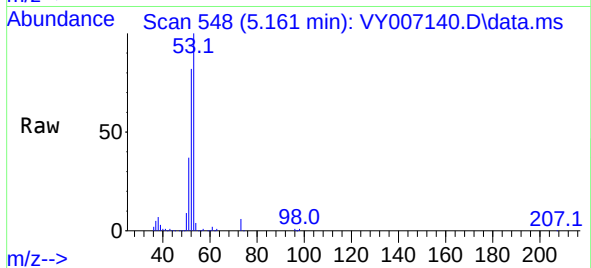
Tgt Ion: 41 Resp: 243972
Ion Ratio Lower Upper
41 100
39 72.0 56.1 84.1
76 38.0 31.4 47.2





#15
Acrylonitrile
Concen: 540.985 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

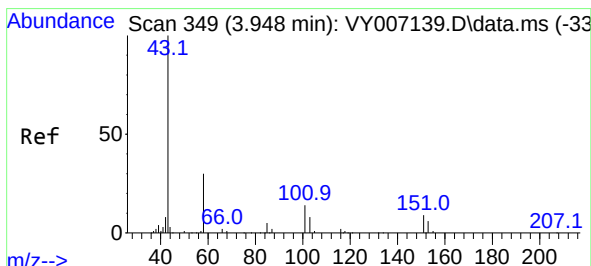
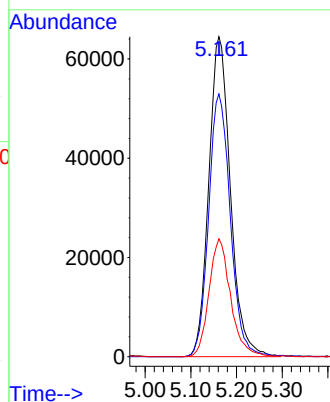
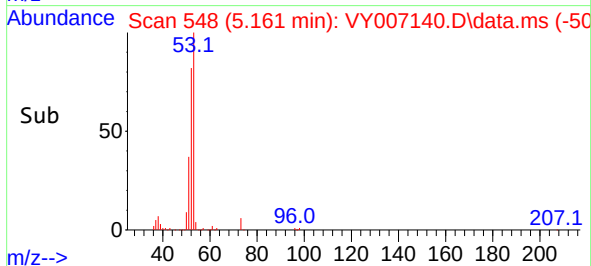
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



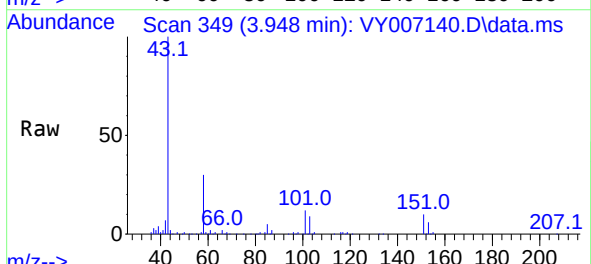
Tgt Ion: 53 Resp: 21209
Ion Ratio Lower Upper
53 100
52 82.4 65.4 98.2
51 36.8 29.4 44.2

Manual Integrations
APPROVED

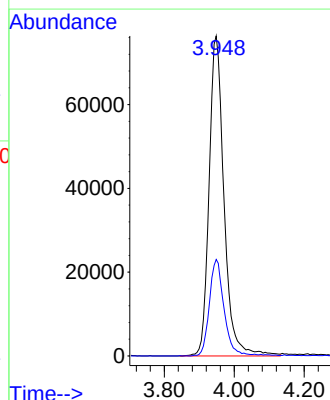
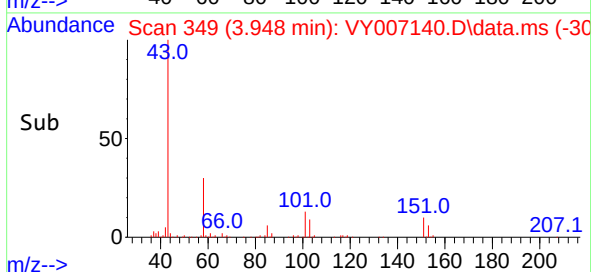
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

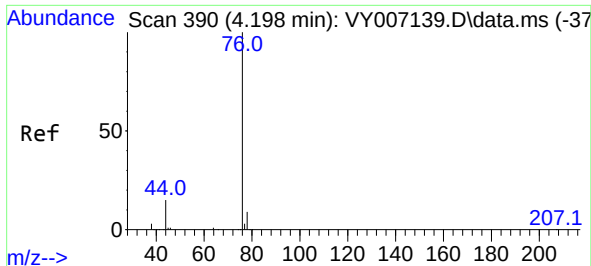


#16
Acetone
Concen: 696.938 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



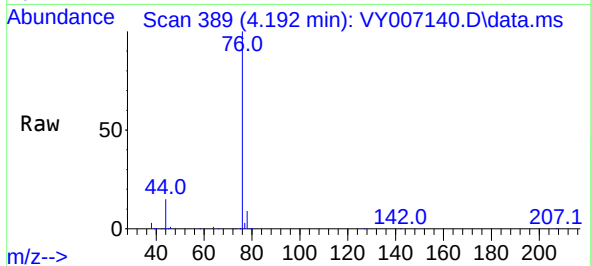
Tgt Ion: 43 Resp: 226687
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.6





#17
Carbon Disulfide
Concen: 96.508 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

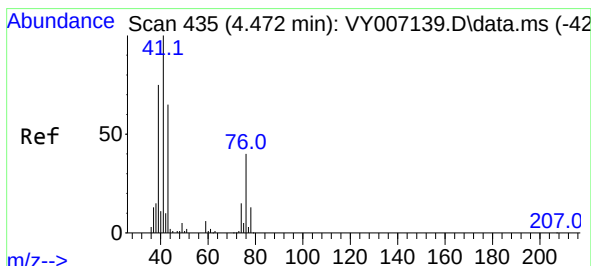
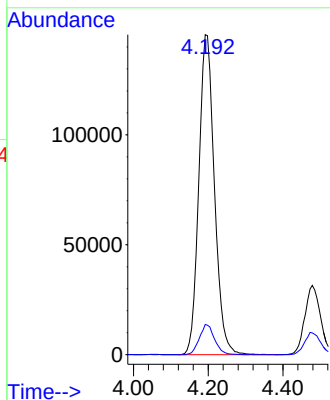
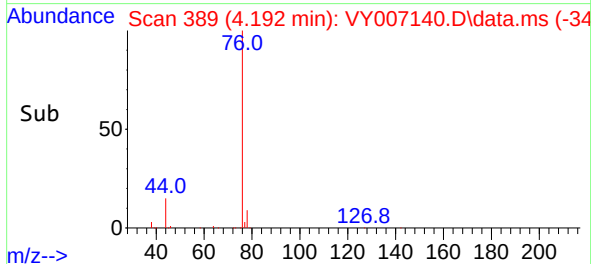
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



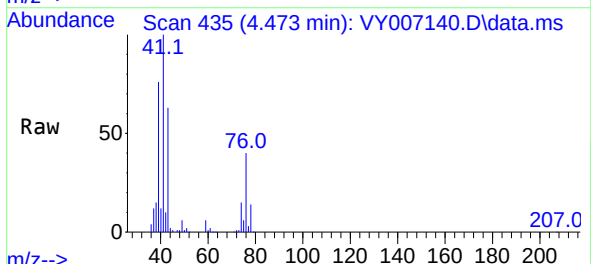
Tgt Ion: 76 Resp: 422090
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

Manual Integrations
APPROVED

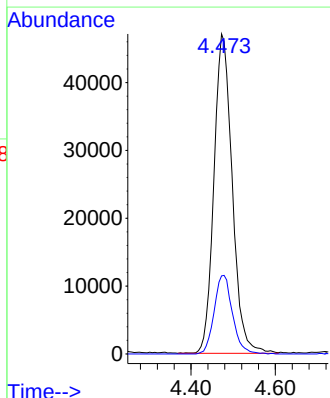
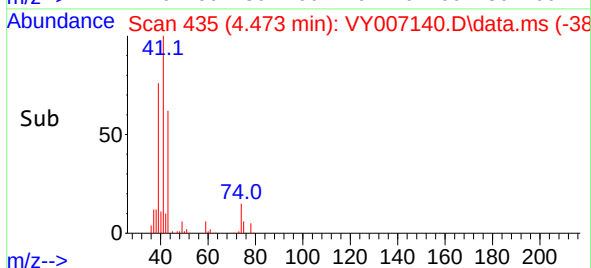
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

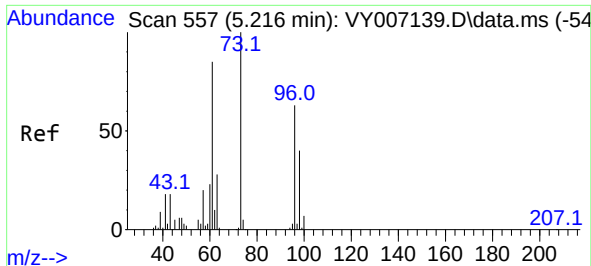


#18
Methyl Acetate
Concen: 100.458 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



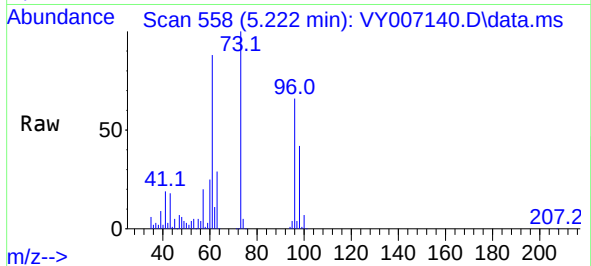
Tgt Ion: 43 Resp: 141653
Ion Ratio Lower Upper
43 100
74 24.6 20.9 31.3





#19
Methyl tert-butyl Ether
Concen: 95.024 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

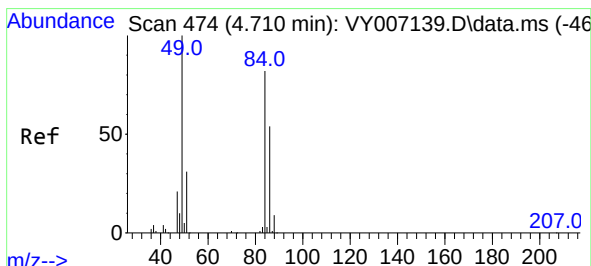
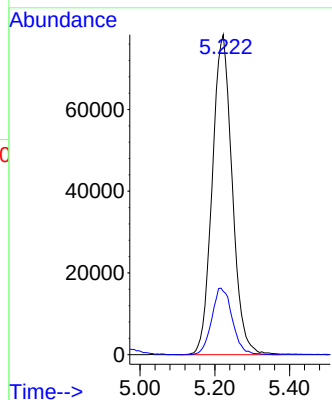
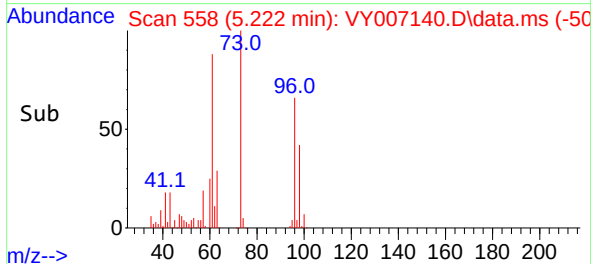
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 290184
Ion Ratio Lower Upper
73 100
57 19.8 17.4 26.2

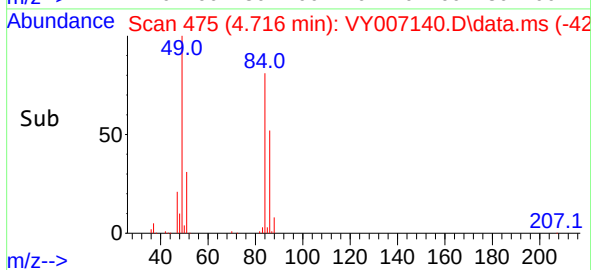
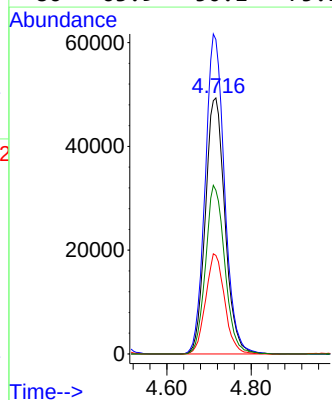
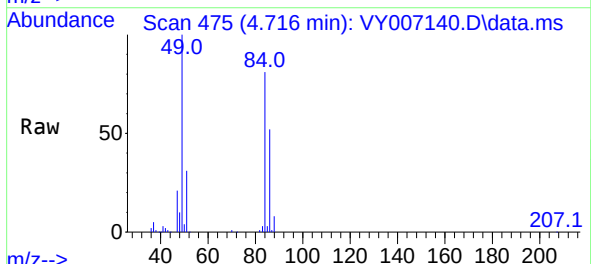
Manual Integrations
APPROVED

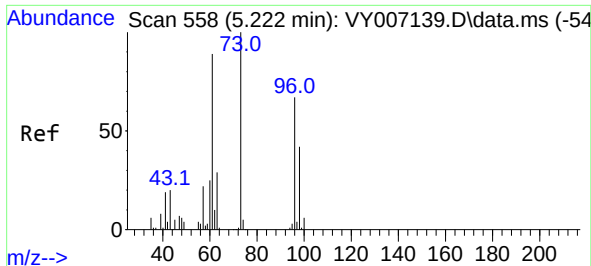
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#20
Methylene Chloride
Concen: 87.964 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.007 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

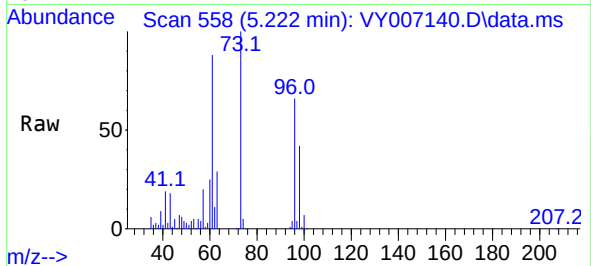
Tgt Ion: 84 Resp: 159701
Ion Ratio Lower Upper
84 100
49 122.8 92.6 139.0
51 38.5 28.6 42.8
86 63.9 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 97.321 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

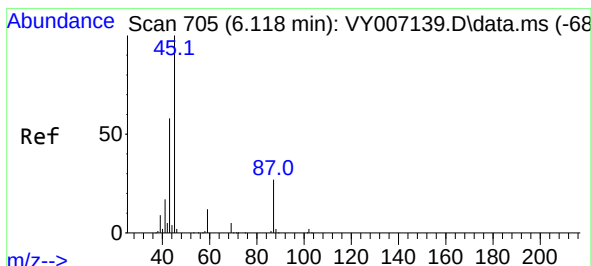
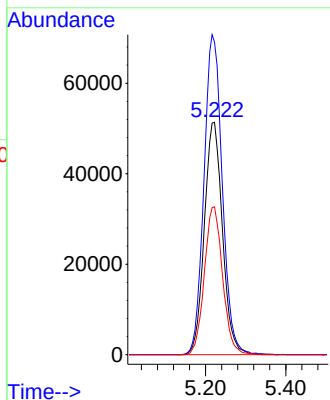
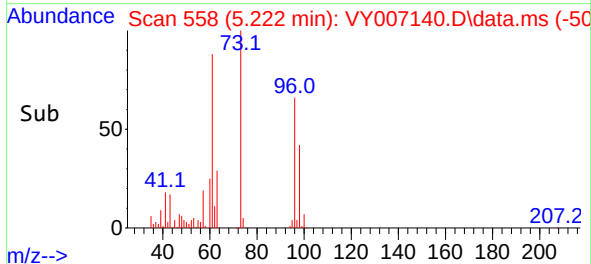
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



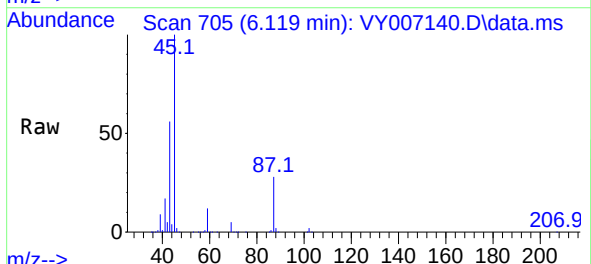
Tgt Ion: 96 Resp: 16169
Ion Ratio Lower Upper
96 100
61 134.4 107.3 160.9
98 63.6 52.4 78.6

Manual Integrations
APPROVED

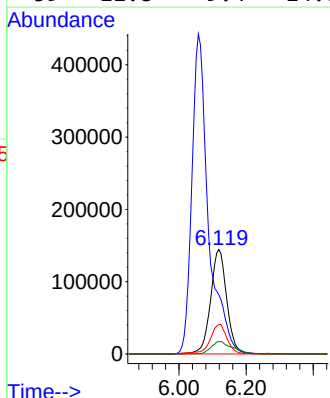
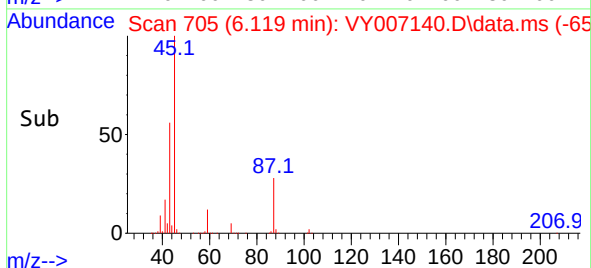
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

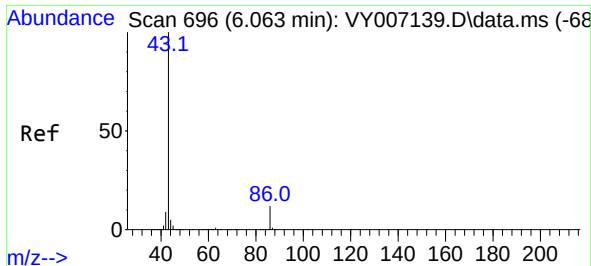


#22
Diisopropyl ether
Concen: 100.576 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



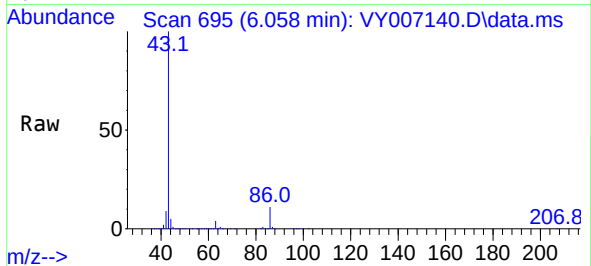
Tgt Ion: 45 Resp: 483495
Ion Ratio Lower Upper
45 100
43 56.2 45.6 68.4
87 28.0 22.2 33.2
59 11.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 542.865 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY007140.D
 Acq: 13 Jan 2022 13:13

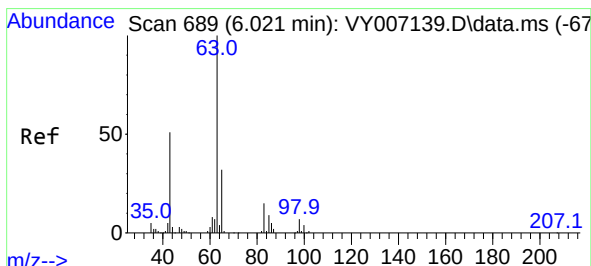
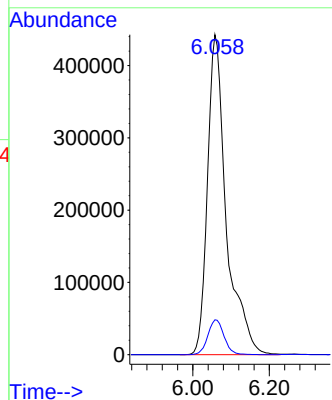
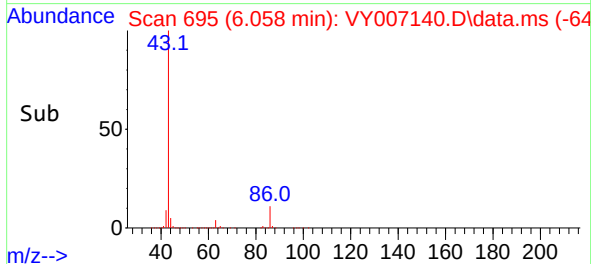
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100



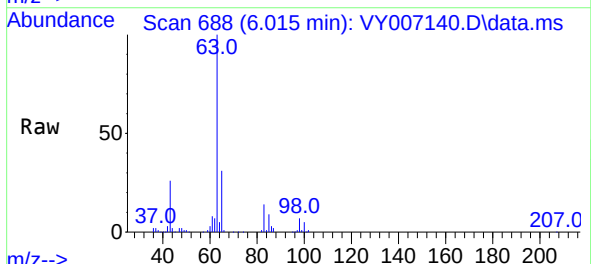
Tgt Ion: 43 Resp: 151443
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.0 13.6

Manual Integrations
 APPROVED

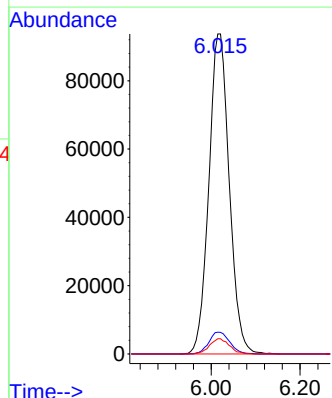
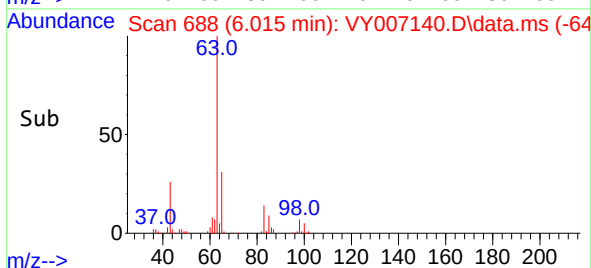
Reviewed By :John Carlone 01/14/2022
 Supervised By :Mahesh Dadoda 01/14/2022

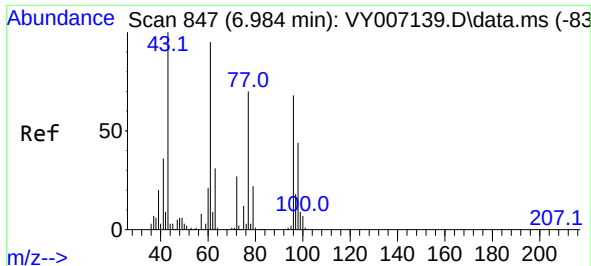


#24
 1,1-Dichloroethane
 Concen: 102.147 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY007140.D
 Acq: 13 Jan 2022 13:13



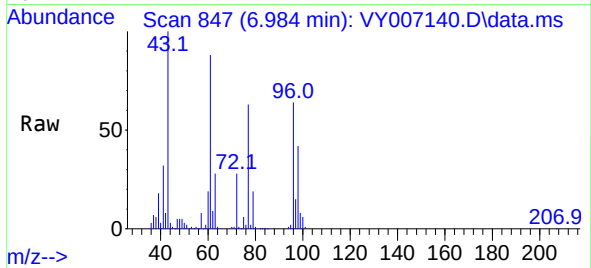
Tgt Ion: 63 Resp: 298674
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.7 2.1 6.2





#25
2-Butanone
Concen: 599.270 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

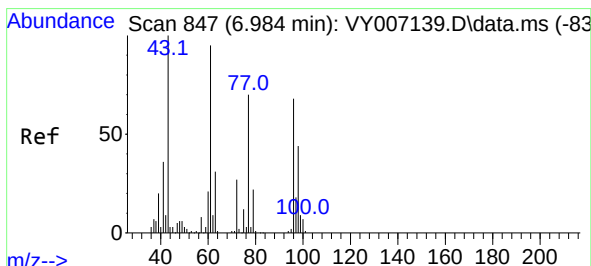
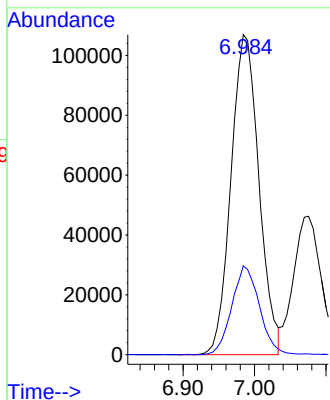
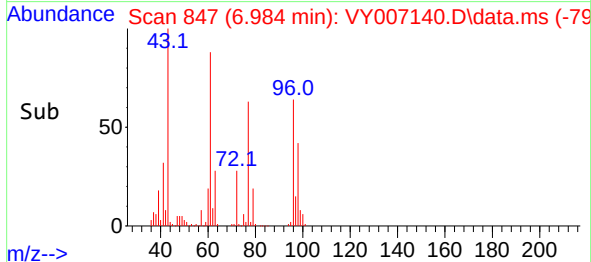
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



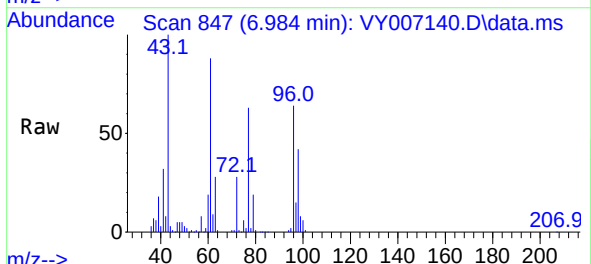
Tgt Ion: 43 Resp: 290145
Ion Ratio Lower Upper
43 100
72 27.8 21.9 32.9

Manual Integrations
APPROVED

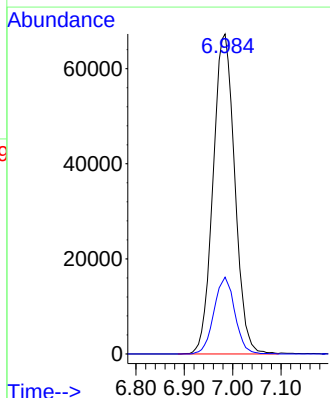
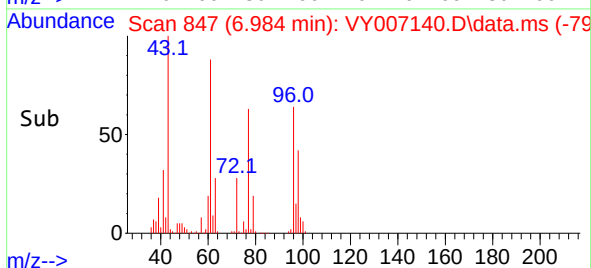
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

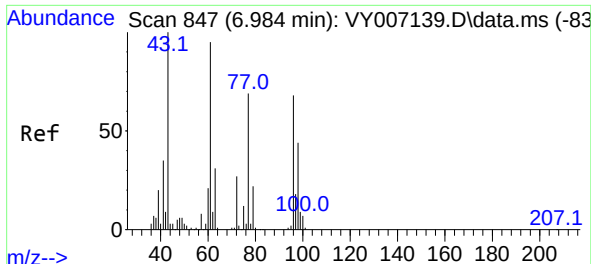


#26
2,2-Dichloropropane
Concen: 93.201 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



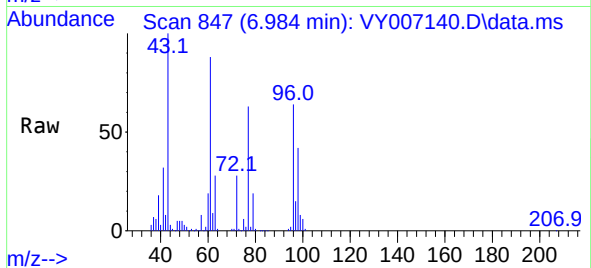
Tgt Ion: 77 Resp: 209377
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.8





#27
cis-1,2-Dichloroethene
Concen: 99.868 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

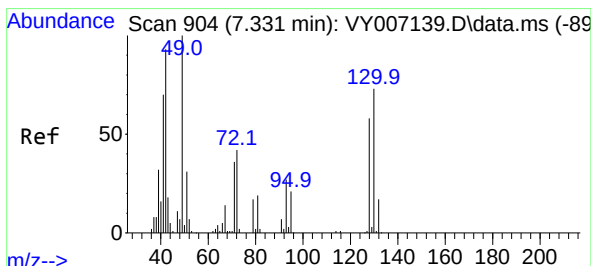
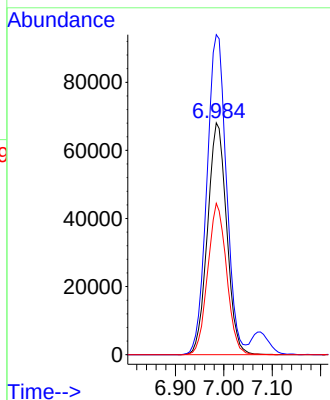
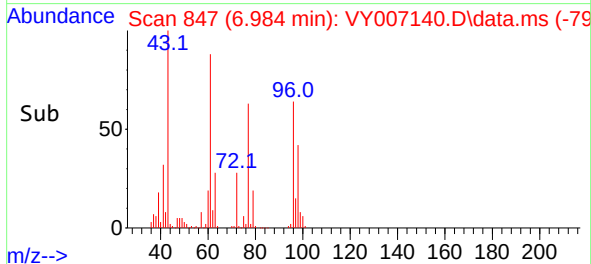
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



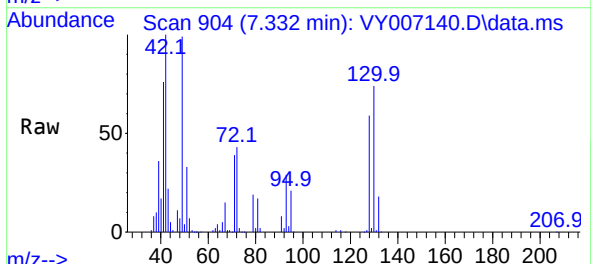
Tgt Ion: 96 Resp: 187020
Ion Ratio Lower Upper
96 100
61 140.7 0.0 276.8
98 64.4 0.0 127.8

Manual Integrations
APPROVED

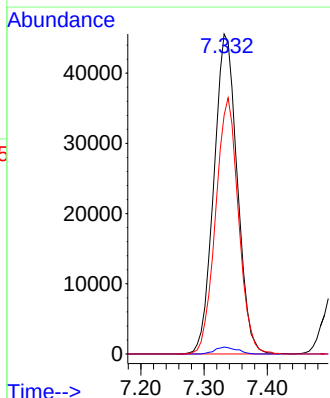
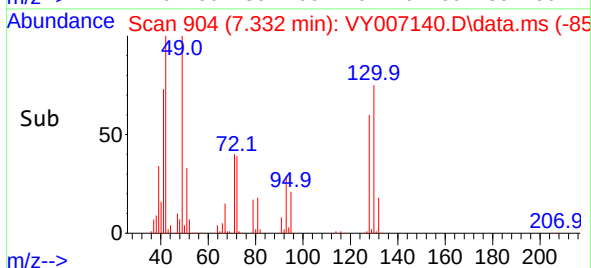
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

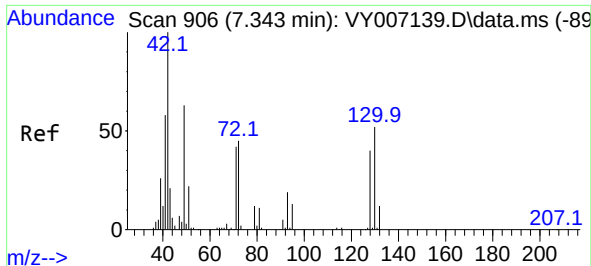


#28
Bromochloromethane
Concen: 107.957 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



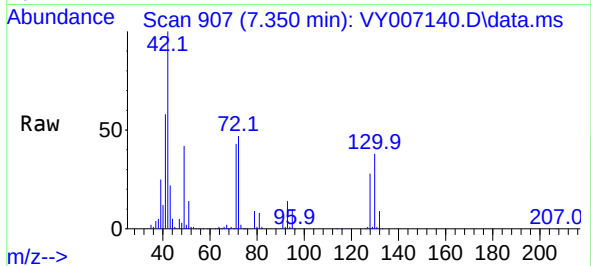
Tgt Ion: 49 Resp: 116717
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 78.2 65.0 97.4





#29
Tetrahydrofuran
Concen: 536.305 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.007 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

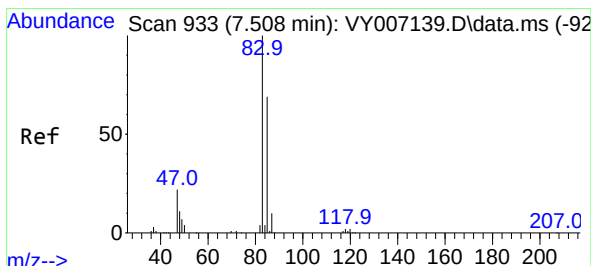
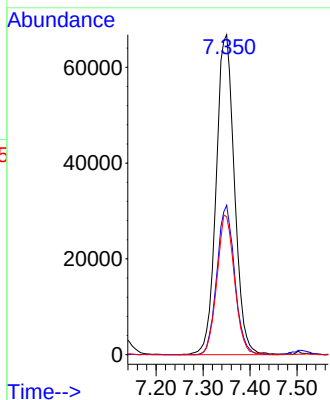
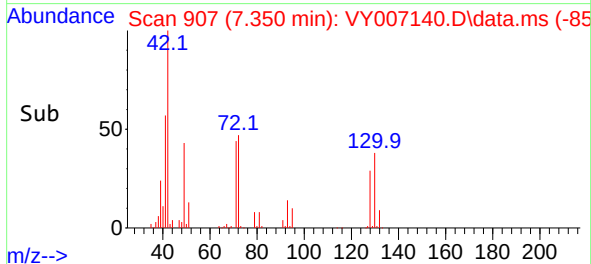
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



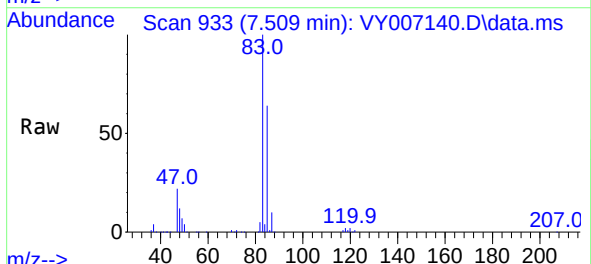
Tgt Ion: 42 Resp: 18111
Ion Ratio Lower Upper
42 100
72 45.2 36.6 54.8
71 41.9 34.1 51.1

Manual Integrations
APPROVED

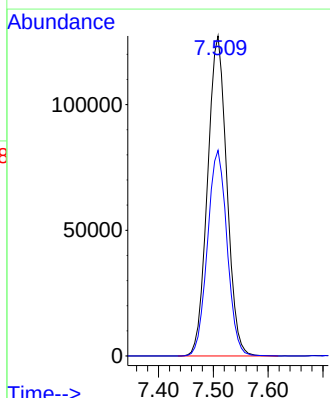
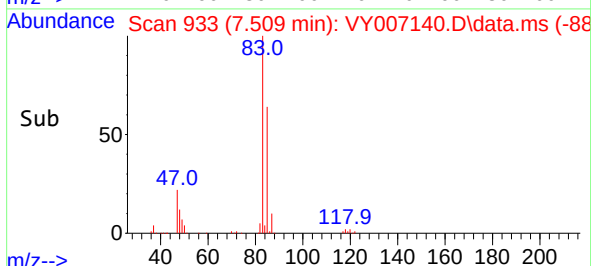
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

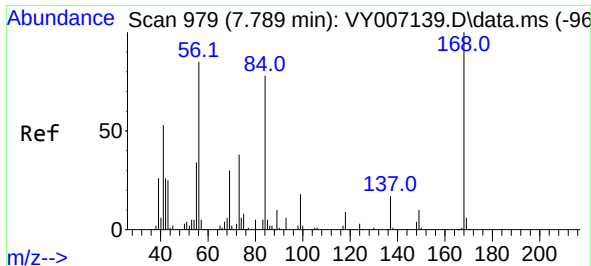


#30
Chloroform
Concen: 101.109 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



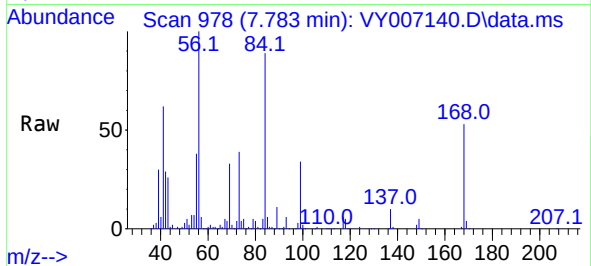
Tgt Ion: 83 Resp: 310819
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3





#31
Cyclohexane
Concen: 94.542 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

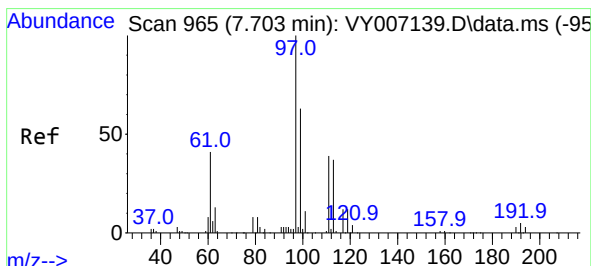
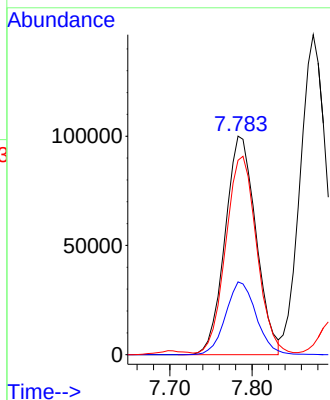
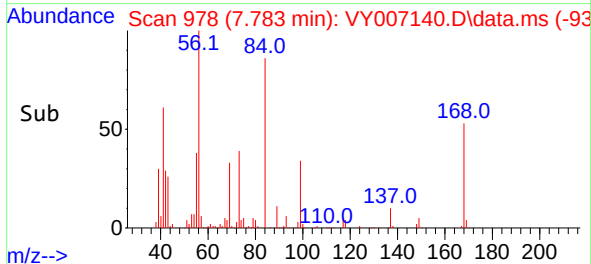
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



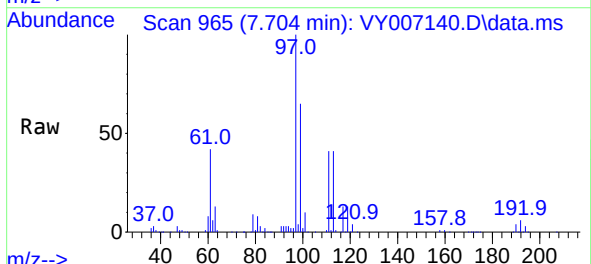
Tgt Ion: 56 Resp: 262124
Ion Ratio Lower Upper
56 100
69 33.3 27.2 40.8
84 87.6 72.1 108.1

Manual Integrations
APPROVED

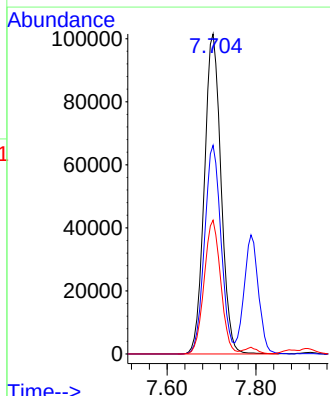
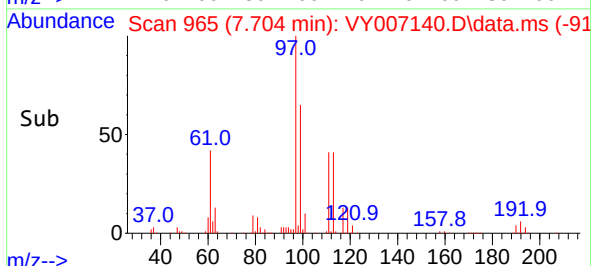
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

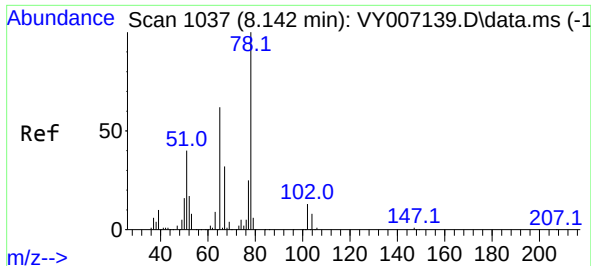


#32
1,1,1-Trichloroethane
Concen: 99.492 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



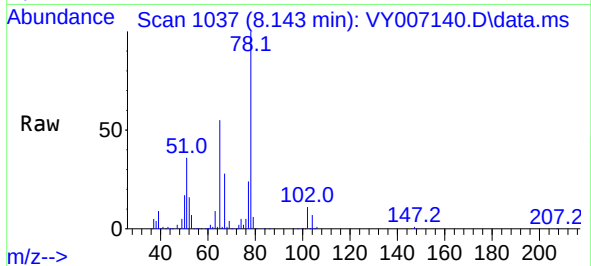
Tgt Ion: 97 Resp: 265122
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 41.4 32.2 48.2





#33
1,2-Dichloroethane-d4
Concen: 98.667 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

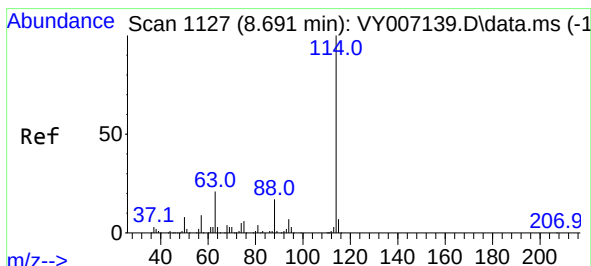
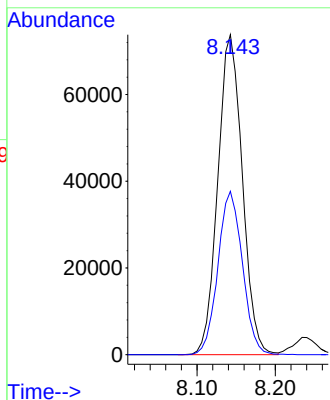
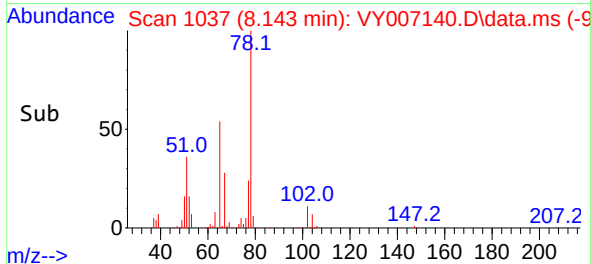
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



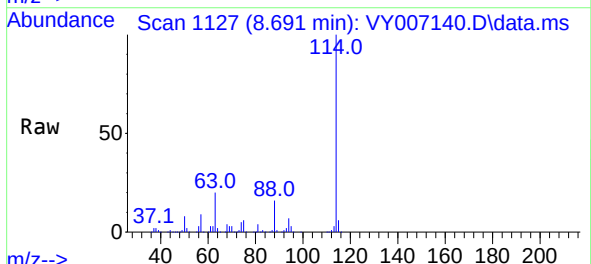
Tgt Ion: 65 Resp: 160684
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.6

Manual Integrations
APPROVED

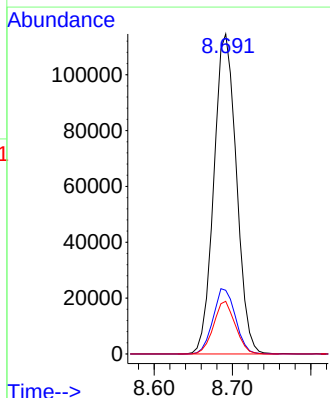
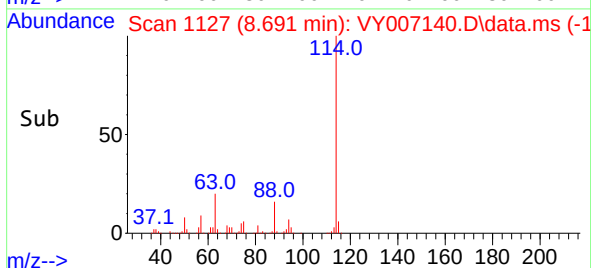
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

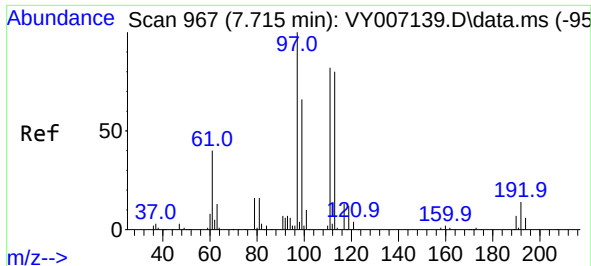


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



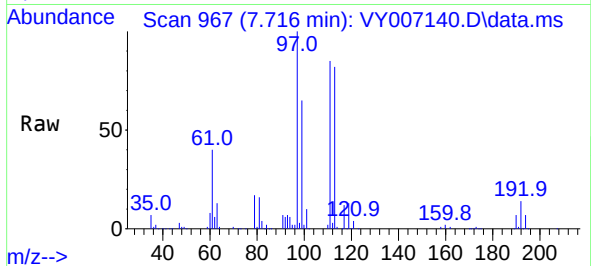
Tgt Ion:114 Resp: 229181
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.2
88 16.5 0.0 31.0





#35
Dibromofluoromethane
Concen: 96.286 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

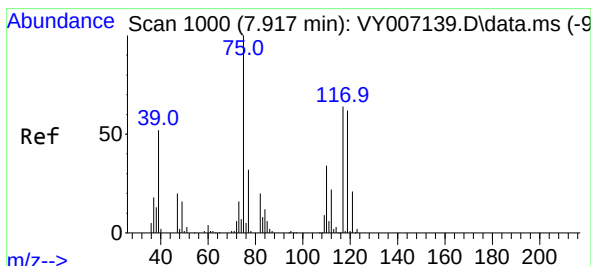
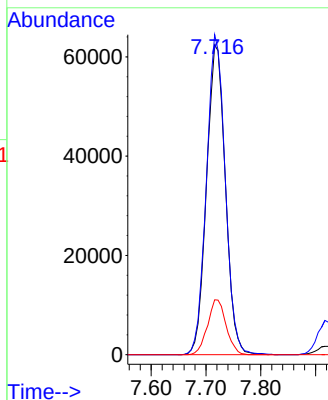
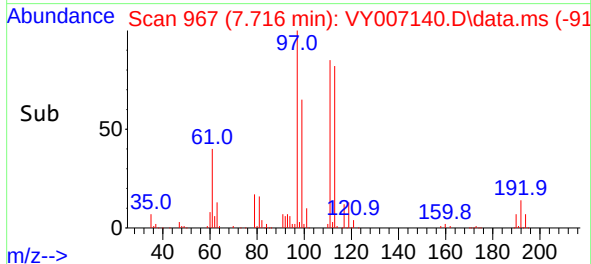
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



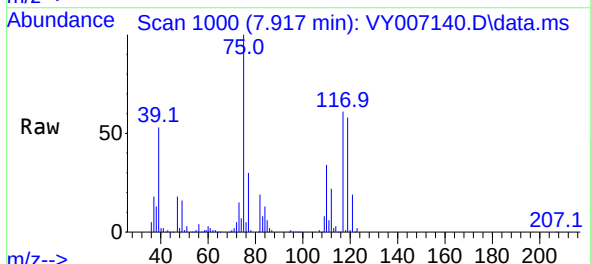
Tgt Ion:113 Resp: 148640
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.5 14.2 21.4

Manual Integrations
APPROVED

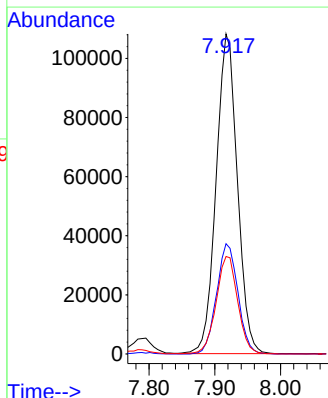
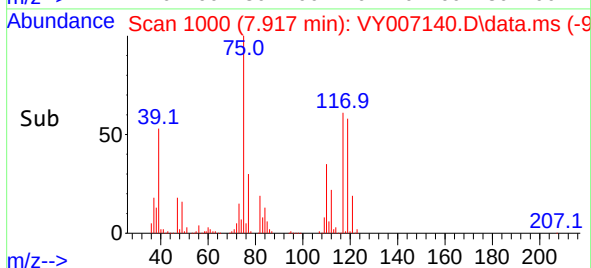
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

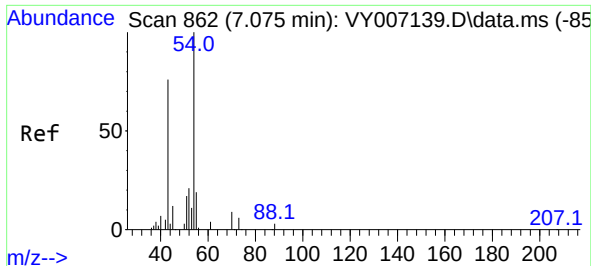


#36
1,1-Dichloropropene
Concen: 100.329 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



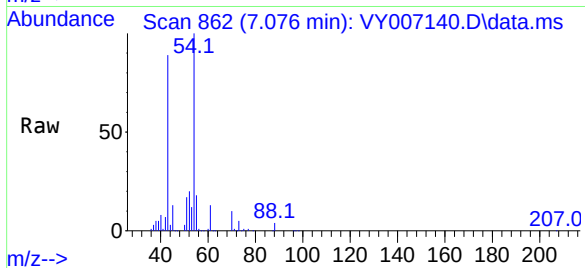
Tgt Ion: 75 Resp: 242837
Ion Ratio Lower Upper
75 100
110 34.7 17.3 51.9
77 31.2 24.7 37.1





#37
Ethyl Acetate
Concen: 106.711 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

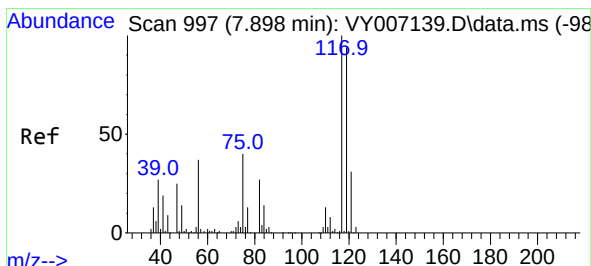
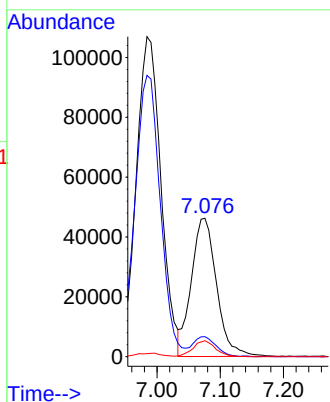
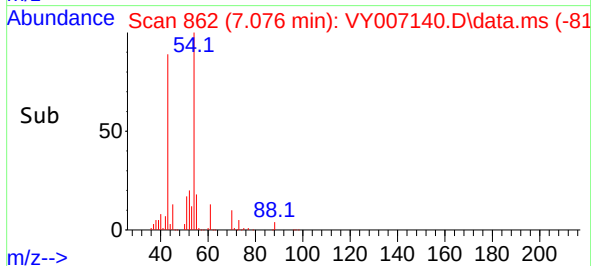
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 128270
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.8
70 10.3 9.0 13.4

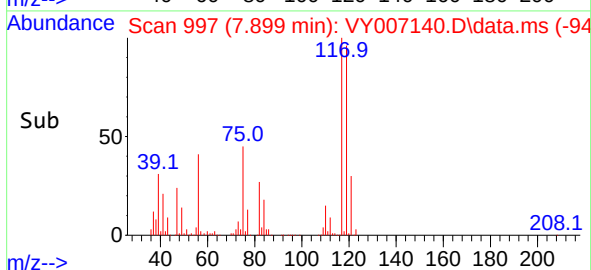
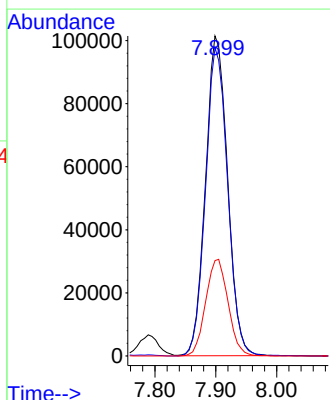
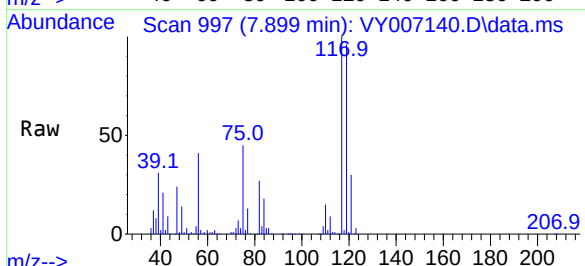
Manual Integrations
APPROVED

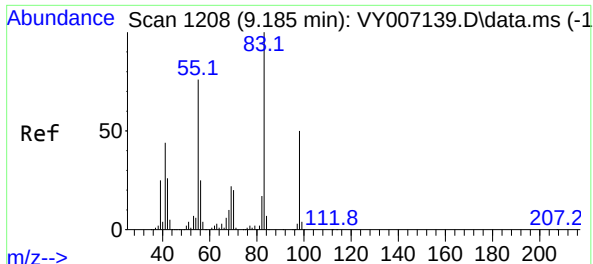
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#38
Carbon Tetrachloride
Concen: 100.565 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

Tgt Ion:117 Resp: 255384
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8
121 29.8 24.2 36.2





#39

Methylcyclohexane

Concen: 99.274 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007140.D

Acq: 13 Jan 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 29993

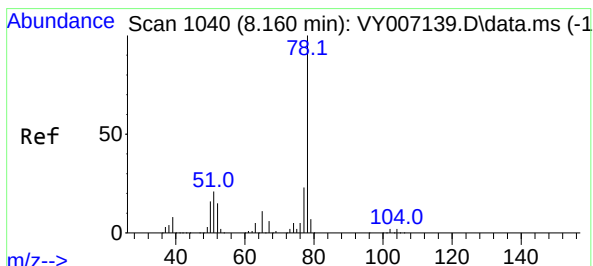
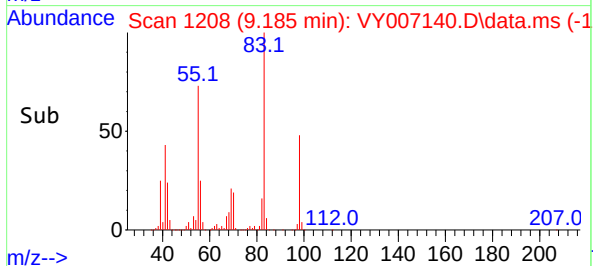
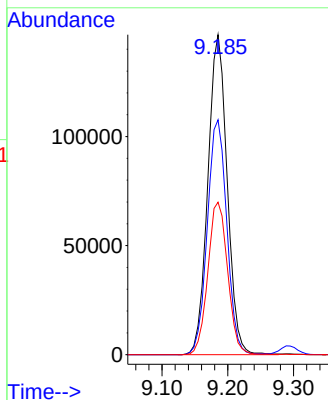
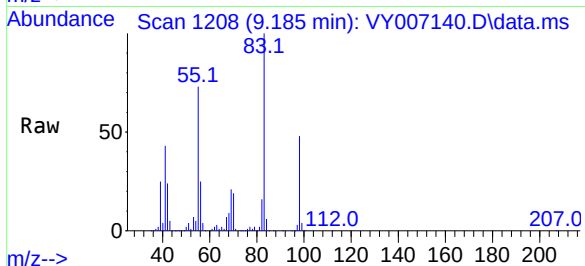
Ion	Ratio	Lower	Upper
83	100		
55	73.4	58.8	88.2
98	47.6	38.7	58.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2022

Supervised By :Mahesh Dadoda 01/14/2022



#40

Benzene

Concen: 99.547 ug/l

RT: 8.161 min Scan# 1040

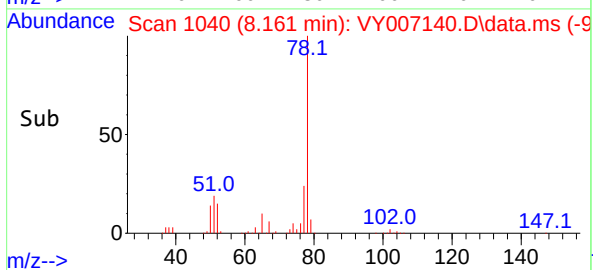
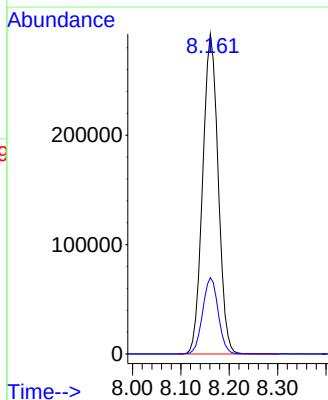
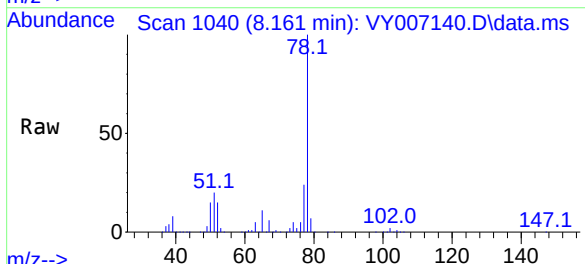
Delta R.T. 0.000 min

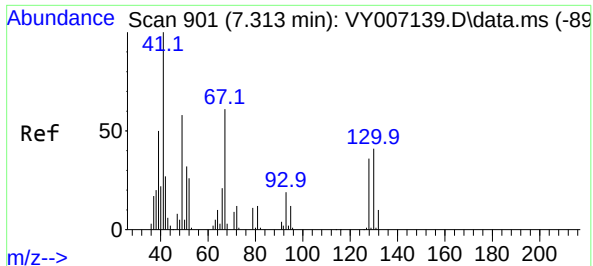
Lab File: VY007140.D

Acq: 13 Jan 2022 13:13

Tgt Ion: 78 Resp: 650672

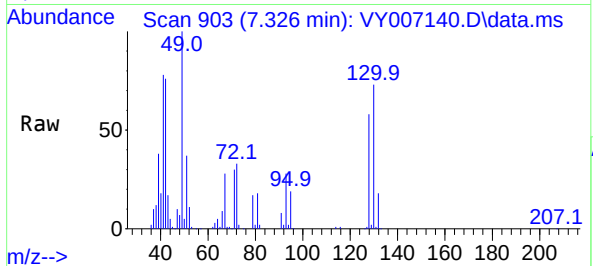
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	27.8





#41
Methacrylonitrile
Concen: 115.610 ug/l m
RT: 7.326 min Scan# 901
Delta R.T. 0.013 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

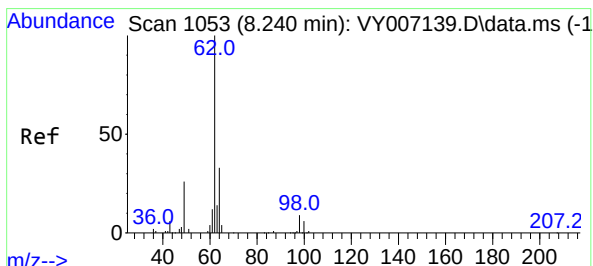
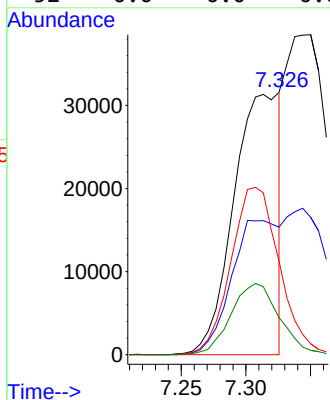
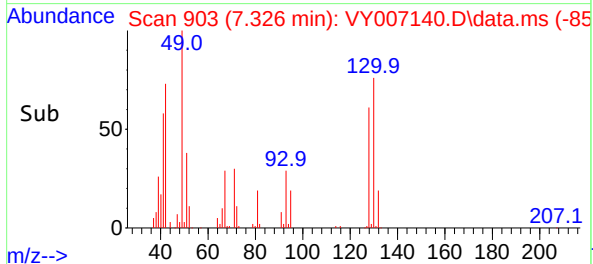
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 78514
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

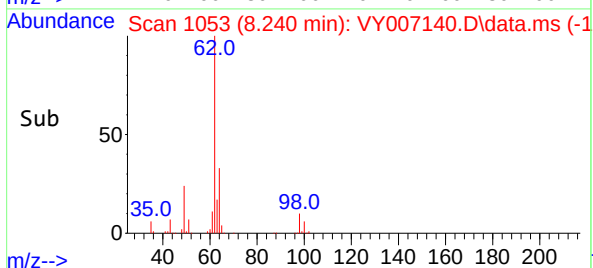
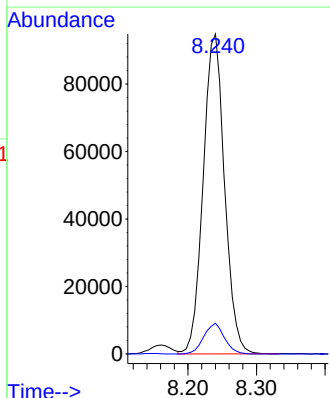
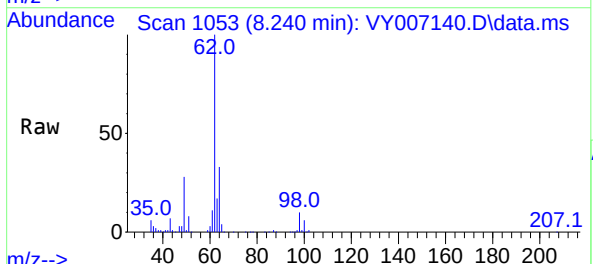
Manual Integrations
APPROVED

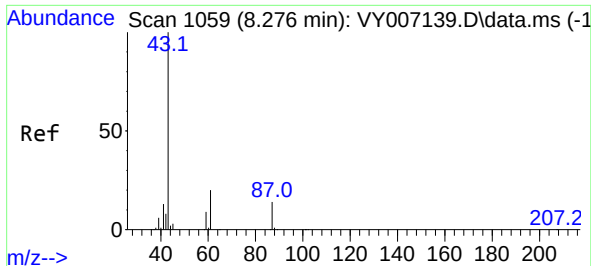
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#42
1,2-Dichloroethane
Concen: 102.243 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

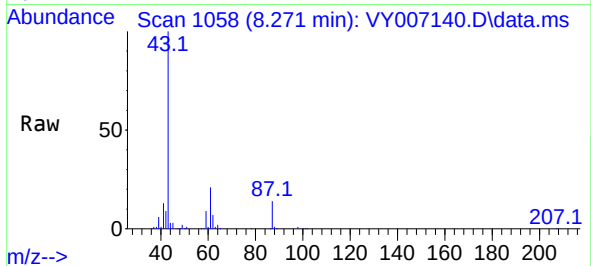
Tgt Ion: 62 Resp: 205256
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2





#43
Isopropyl Acetate
Concen: 107.068 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

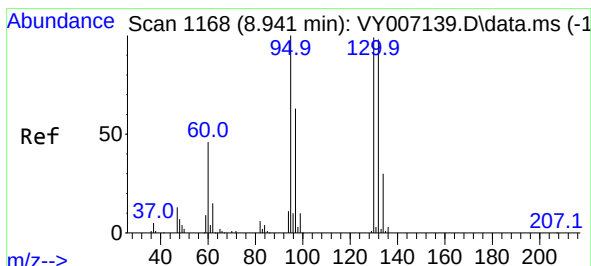
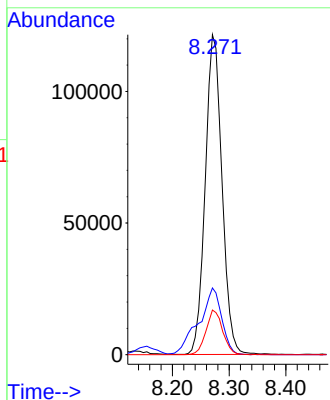
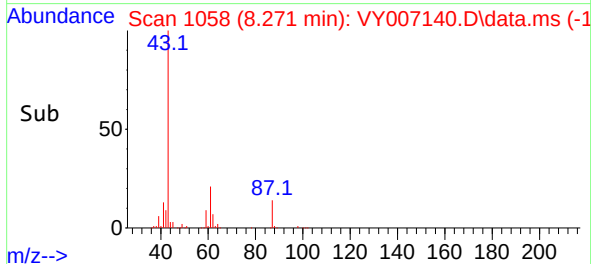
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 249550
Ion Ratio Lower Upper
43 100
61 28.6 23.8 35.8
87 13.9 11.6 17.4

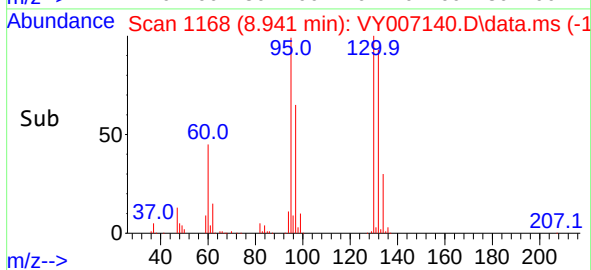
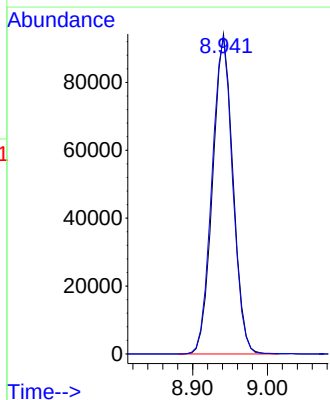
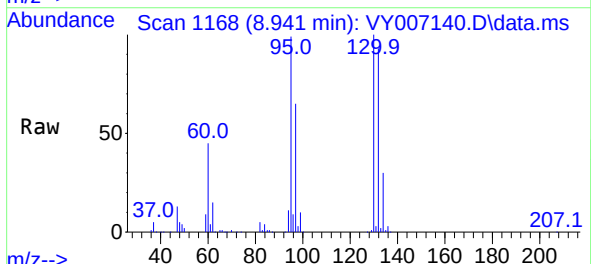
Manual Integrations
APPROVED

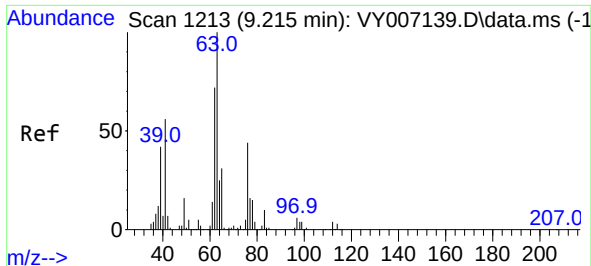
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#44
Trichloroethene
Concen: 98.460 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

Tgt Ion:130 Resp: 177933
Ion Ratio Lower Upper
130 100
95 99.0 0.0 196.6





#45

1,2-Dichloropropane

Concen: 100.583 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007140.D

Acq: 13 Jan 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 163578

Ion Ratio Lower Upper

63 100

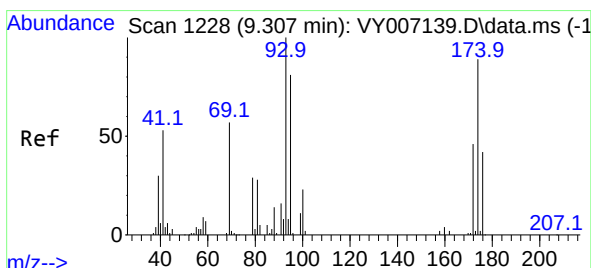
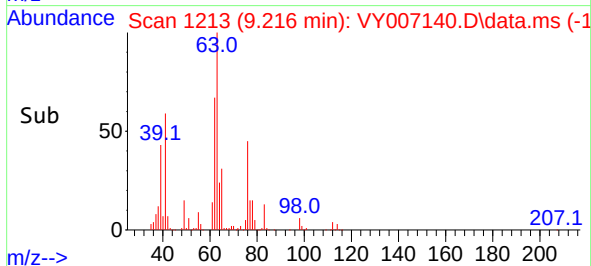
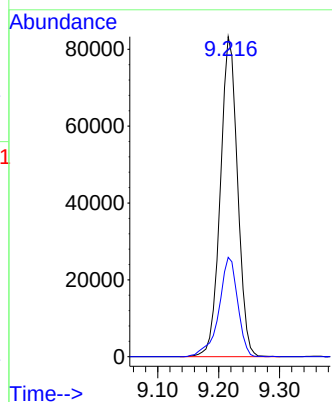
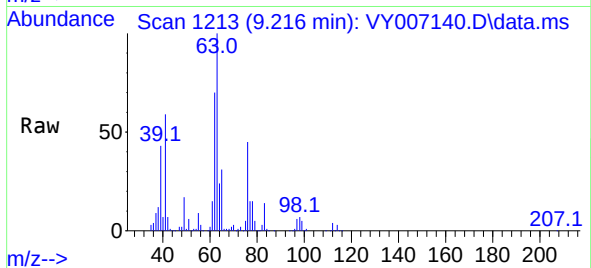
65 31.1 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2022

Supervised By :Mahesh Dadoda 01/14/2022



#46

Dibromomethane

Concen: 102.259 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007140.D

Acq: 13 Jan 2022 13:13

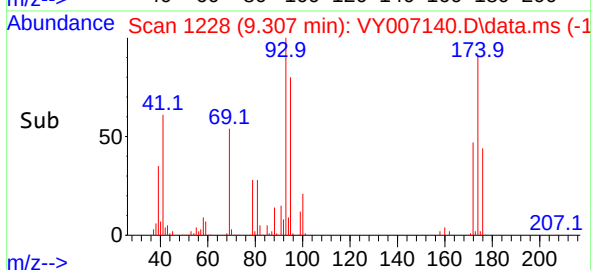
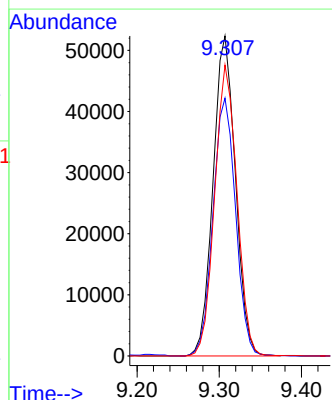
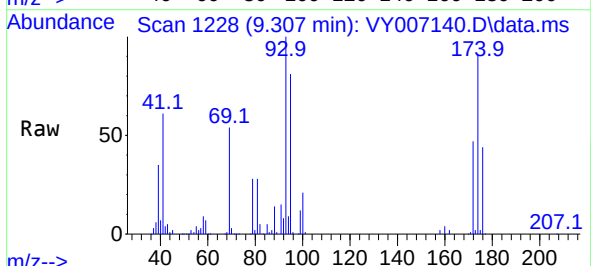
Tgt Ion: 93 Resp: 98994

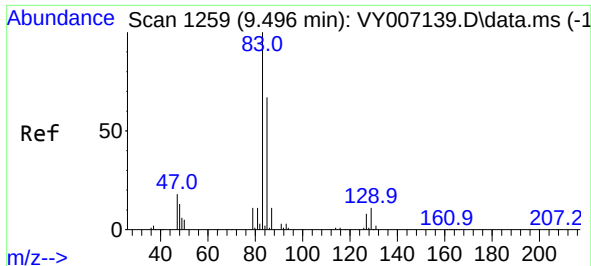
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.6

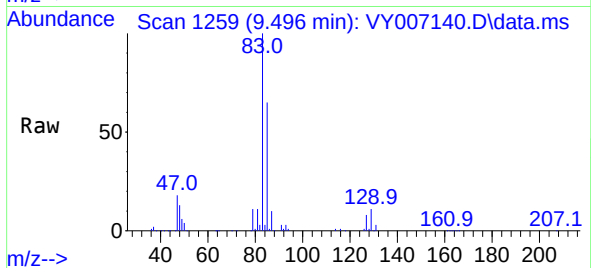
174 90.6 75.4 113.0





#47
Bromodichloromethane
Concen: 101.174 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

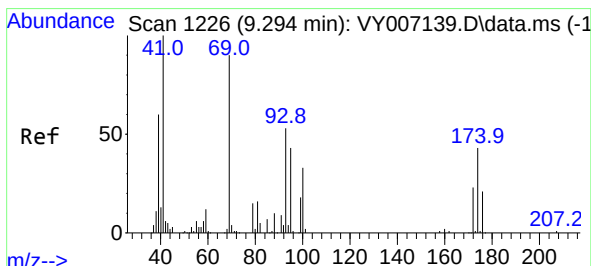
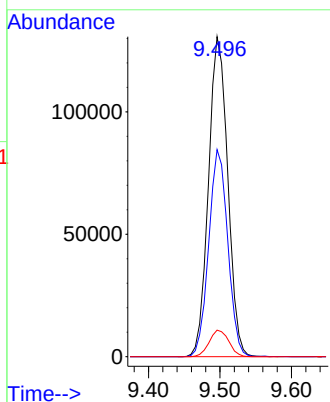
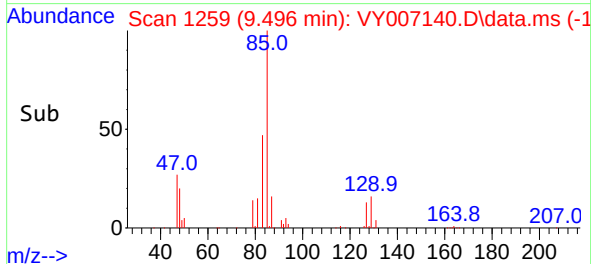
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



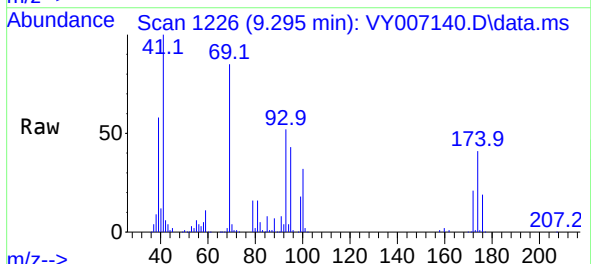
Tgt Ion: 83 Resp: 24461
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.2
127 8.3 6.5 9.7

Manual Integrations
APPROVED

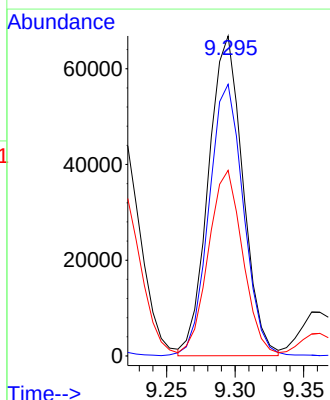
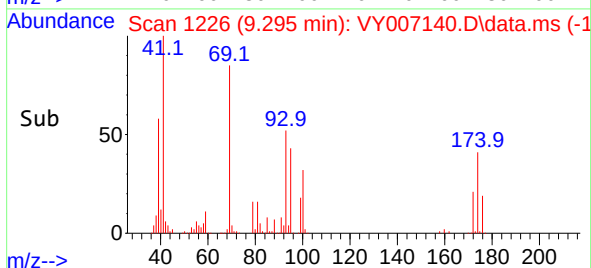
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

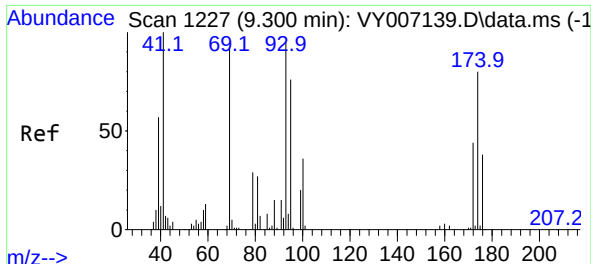


#48
Methyl methacrylate
Concen: 112.102 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



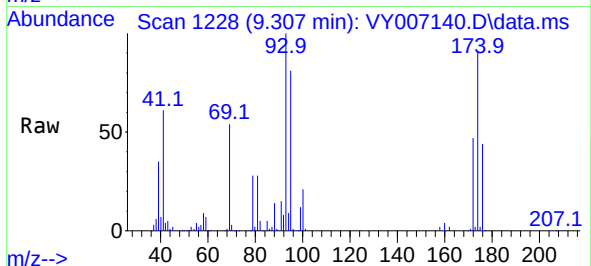
Tgt Ion: 41 Resp: 116869
Ion Ratio Lower Upper
41 100
69 85.4 70.5 105.7
39 56.4 43.8 65.8





#49
1,4-Dioxane
Concen: 2223.540 ug/l
RT: 9.307 min Scan# 1227
Delta R.T. 0.007 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

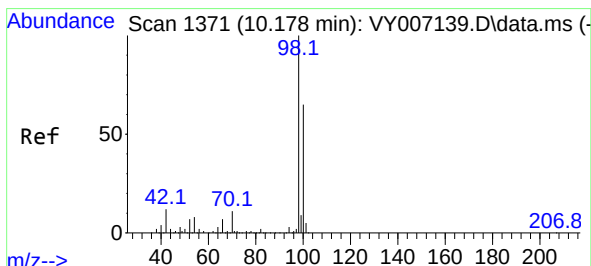
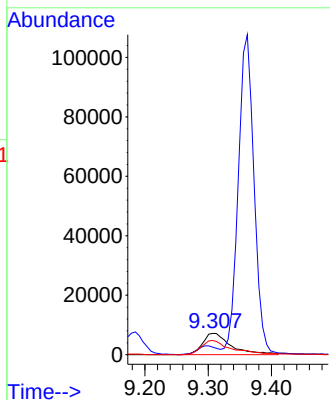
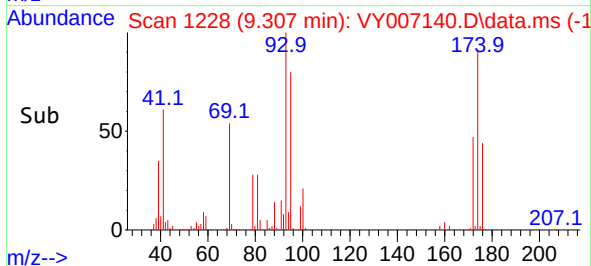
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



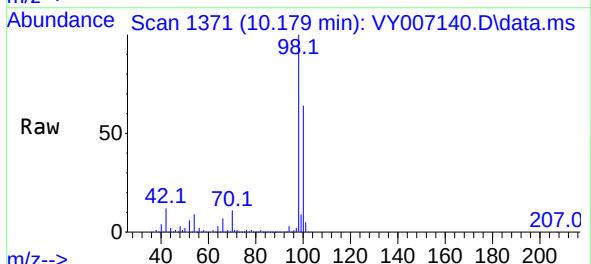
Tgt Ion: 88 Resp: 2248
Ion Ratio Lower Upper
88 100
43 28.9 22.0 33.0
58 73.4 58.6 87.8

Manual Integrations
APPROVED

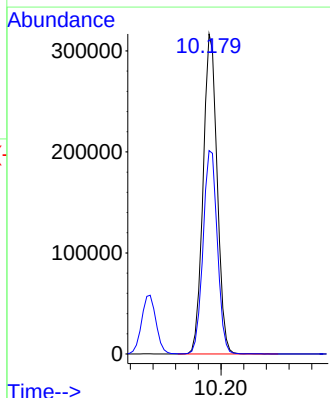
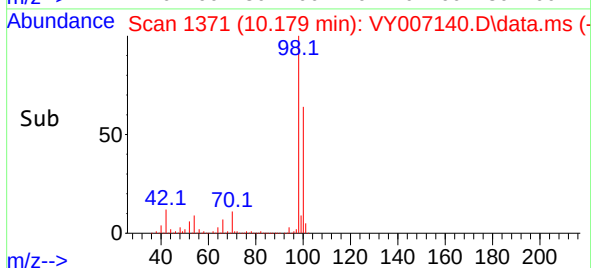
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

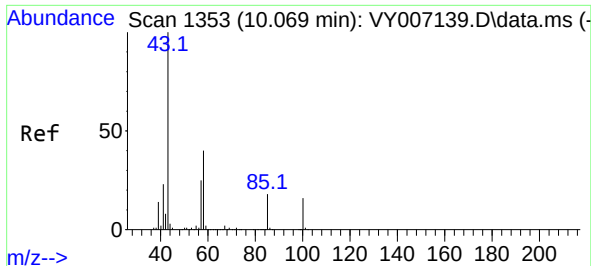


#50
Toluene-d8
Concen: 95.414 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



Tgt Ion: 98 Resp: 543096
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2





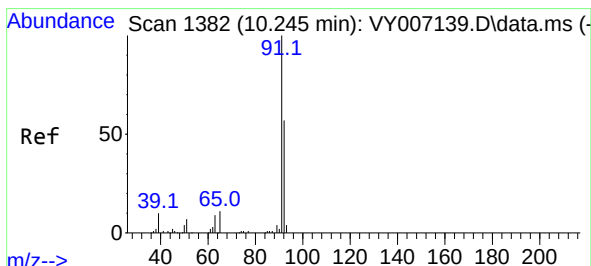
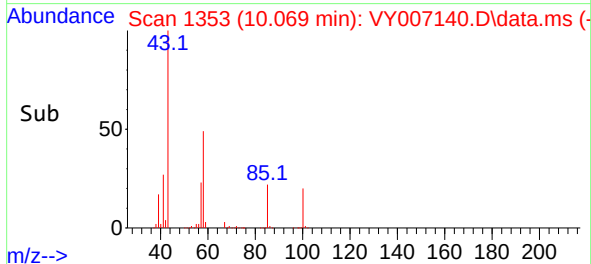
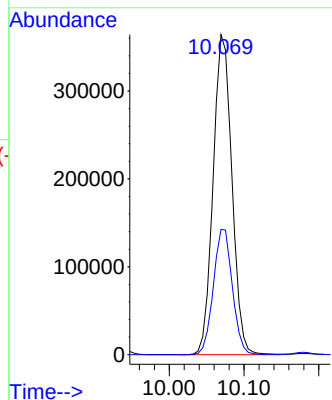
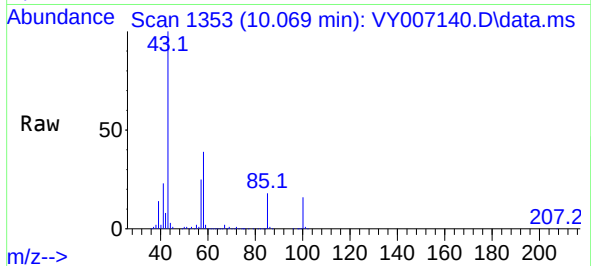
#51
4-Methyl-2-Pentanone
Concen: 552.309 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 63580
Ion Ratio Lower Upper
43 100
58 39.6 32.8 49.2

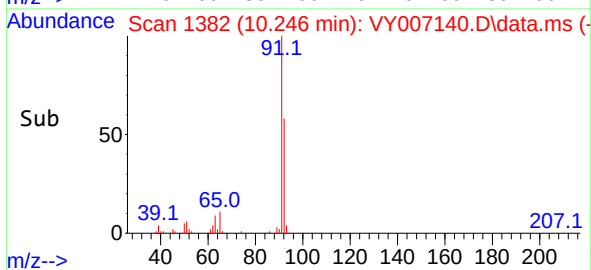
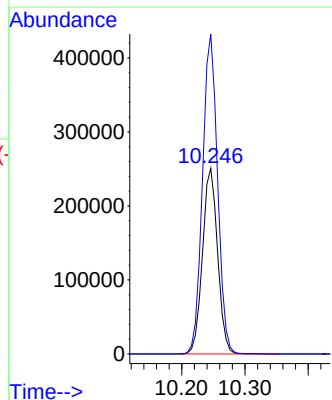
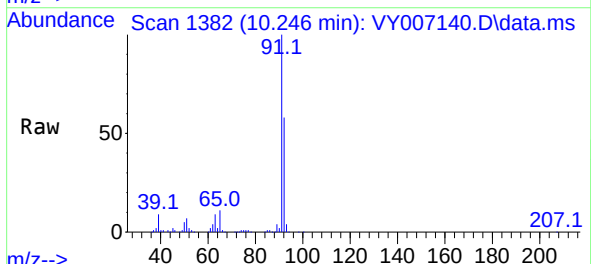
Manual Integrations
APPROVED

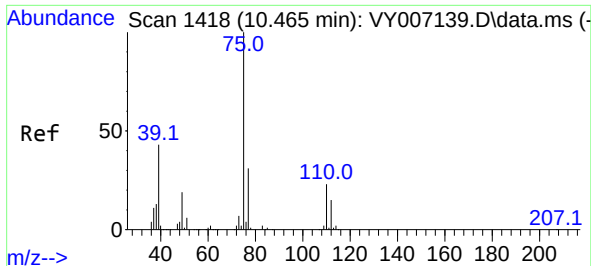
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#52
Toluene
Concen: 99.653 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

Tgt Ion: 92 Resp: 416045
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8





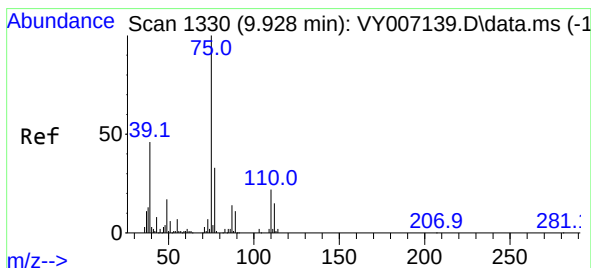
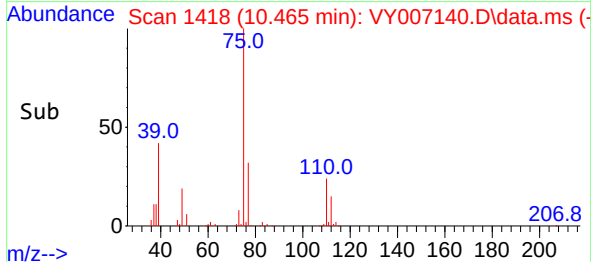
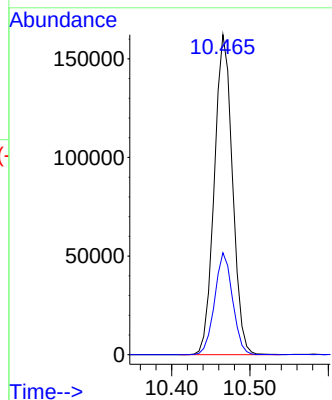
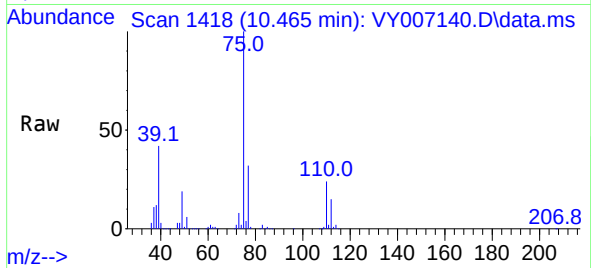
#53
t-1,3-Dichloropropene
Concen: 103.111 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 261023
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5

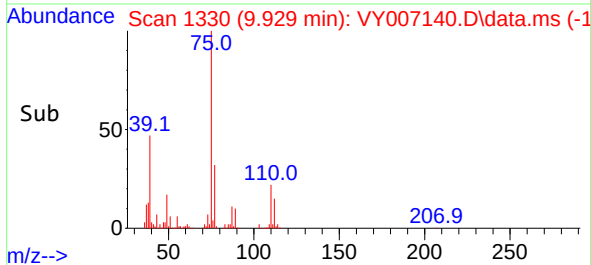
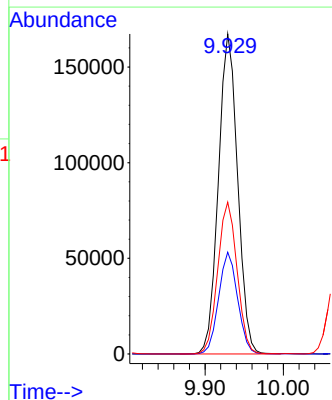
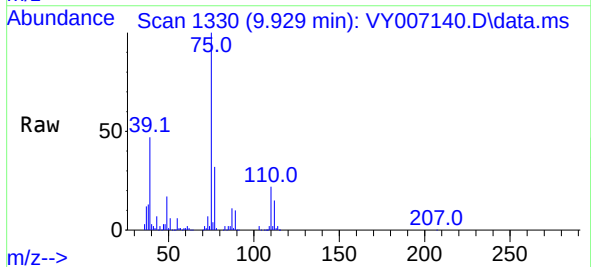
Manual Integrations
APPROVED

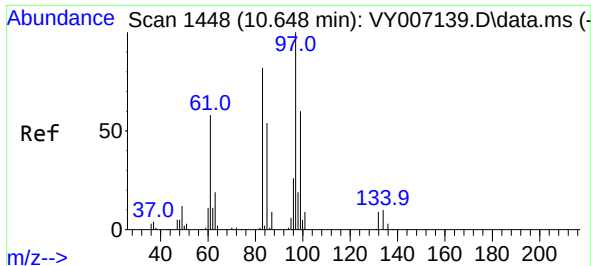
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#54
cis-1,3-Dichloropropene
Concen: 100.206 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

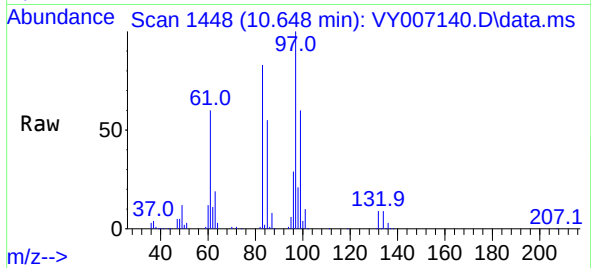
Tgt Ion: 75 Resp: 285647
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
39 47.4 36.1 54.1





#55
1,1,2-Trichloroethane
Concen: 100.436 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

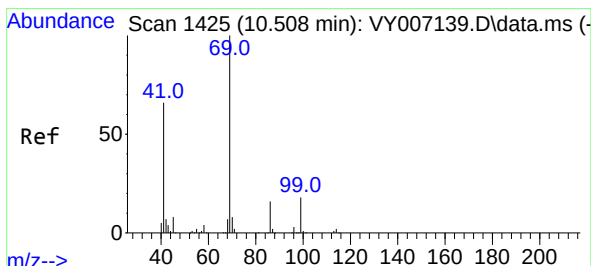
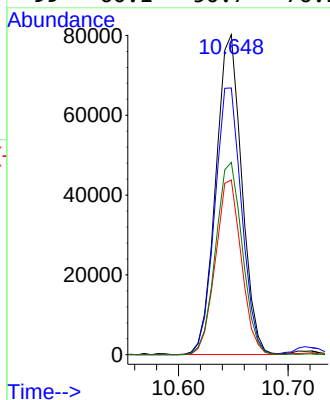
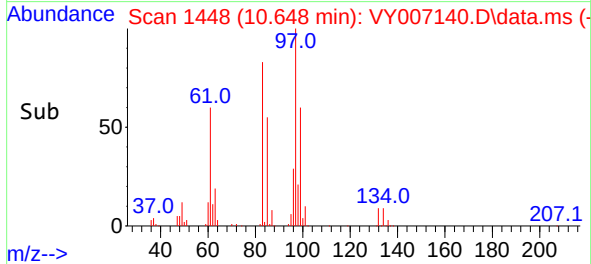
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



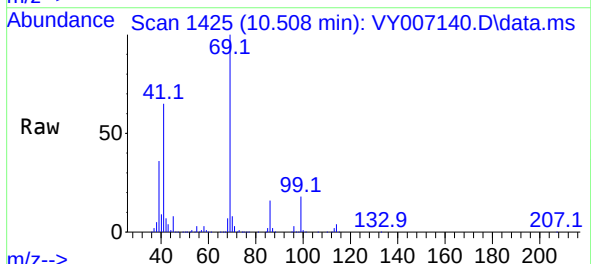
Tgt Ion: 97 Resp: 13223
Ion Ratio Lower Upper
97 100
83 83.4 67.0 100.4
85 54.6 41.2 61.8
99 60.1 50.7 76.1

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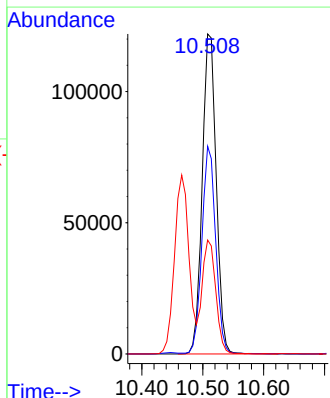
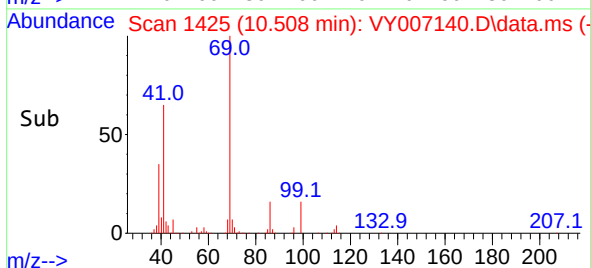
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

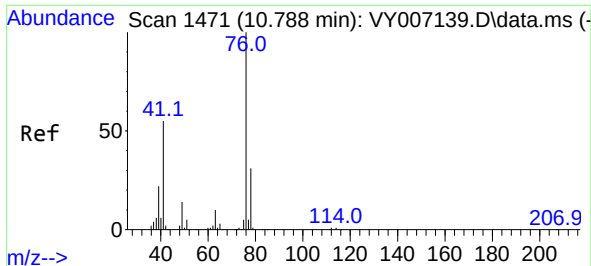


#56
Ethyl methacrylate
Concen: 105.389 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



Tgt Ion: 69 Resp: 194468
Ion Ratio Lower Upper
69 100
41 63.7 49.4 74.0
39 34.5 27.7 41.5





#57

1,3-Dichloropropane

Concen: 100.369 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY007140.D

Acq: 13 Jan 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 23152

Ion Ratio Lower Upper

76 100

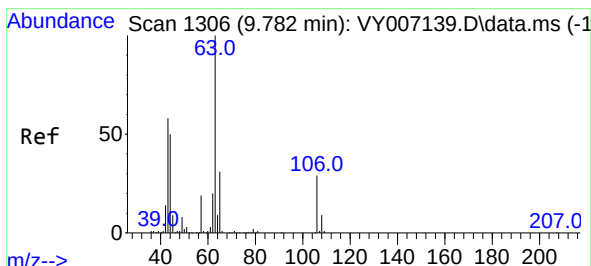
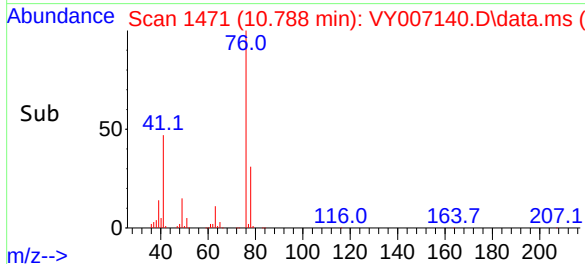
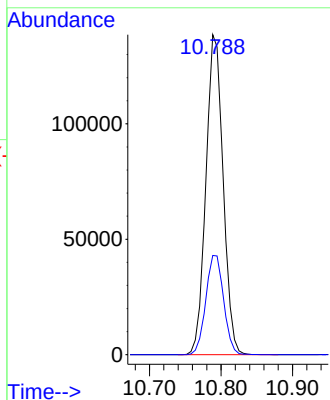
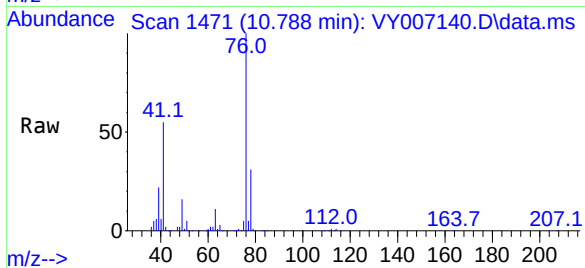
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2022

Supervised By :Mahesh Dadoda 01/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 488.681 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY007140.D

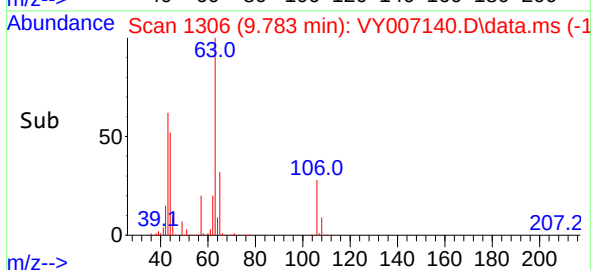
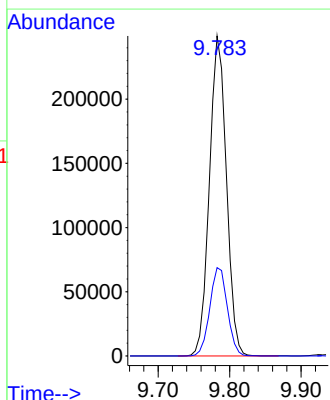
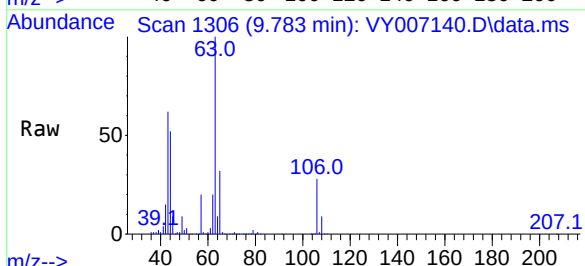
Acq: 13 Jan 2022 13:13

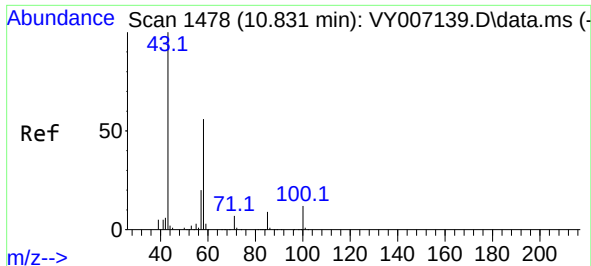
Tgt Ion: 63 Resp: 411670

Ion Ratio Lower Upper

63 100

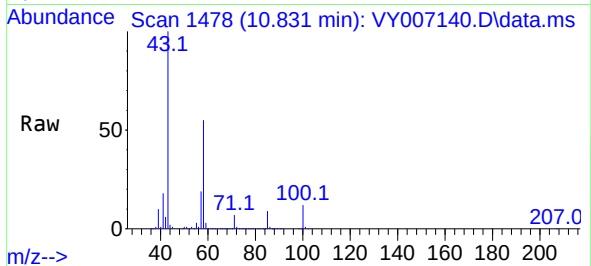
106 28.4 23.3 34.9





#59
2-Hexanone
Concen: 579.295 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

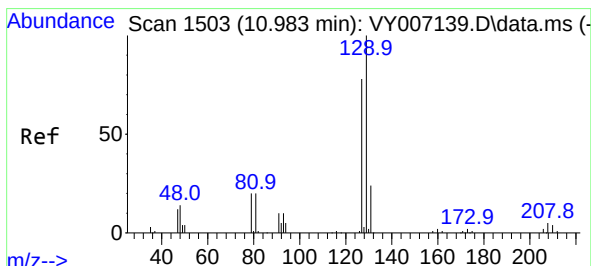
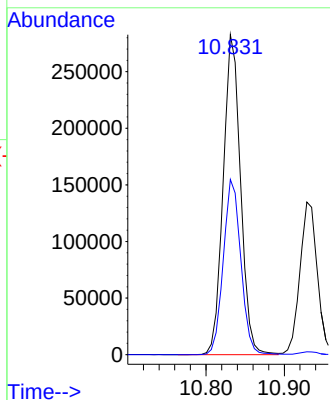
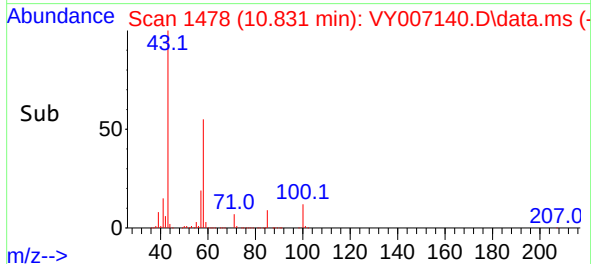
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



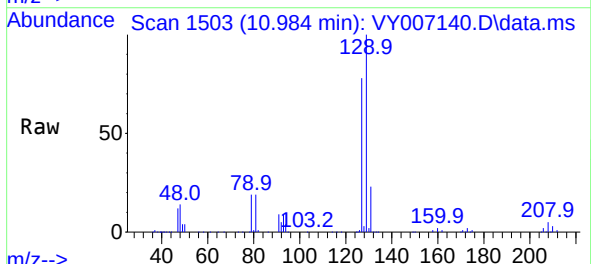
Tgt Ion: 43 Resp: 435509
Ion Ratio Lower Upper
43 100
58 55.3 28.4 85.3

Manual Integrations
APPROVED

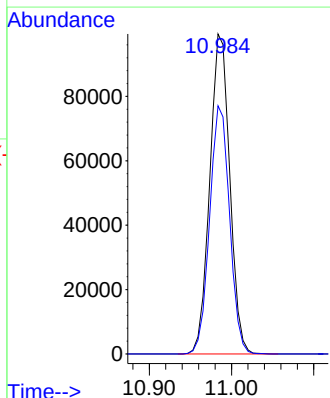
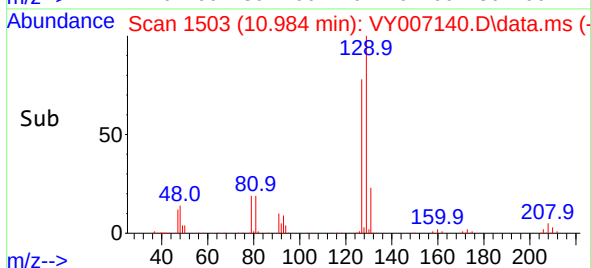
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

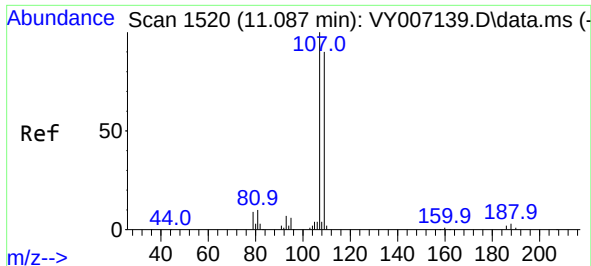


#60
Dibromochloromethane
Concen: 102.255 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



Tgt Ion:129 Resp: 167664
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6





#61
1,2-Dibromoethane
Concen: 100.316 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.007 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

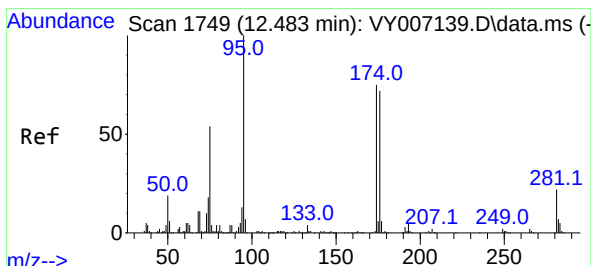
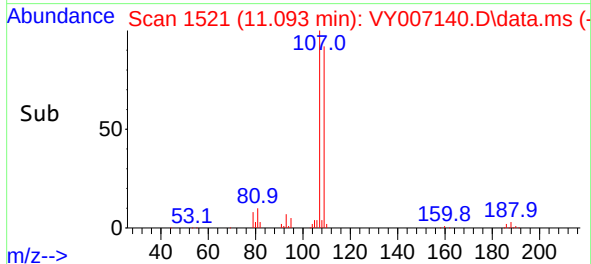
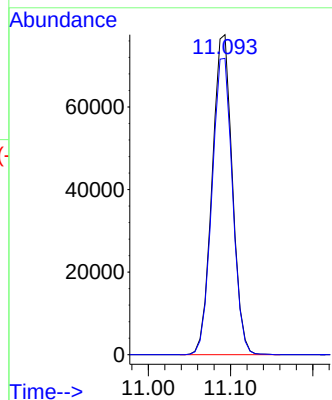
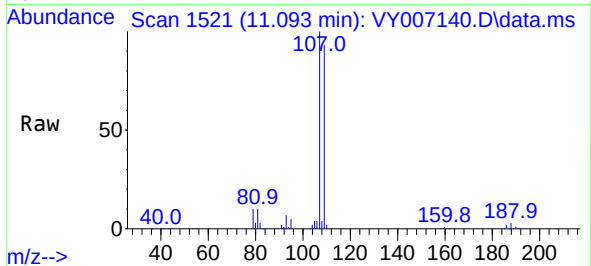
VSTDICC100

Tgt Ion:107 Resp: 132178
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.0

Manual Integrations

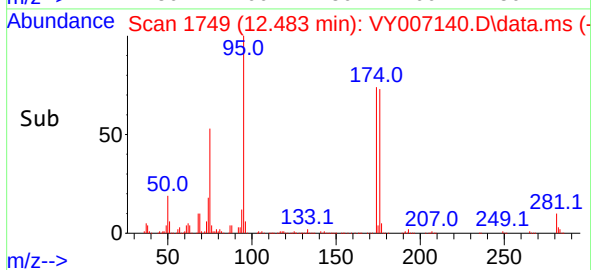
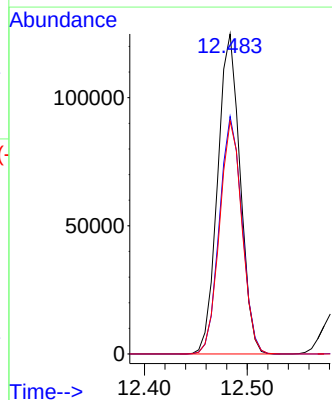
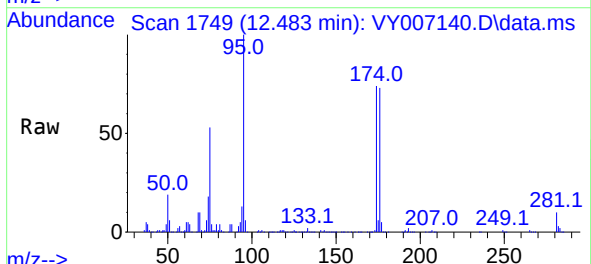
APPROVED

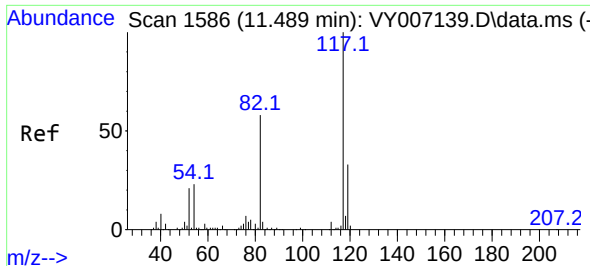
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#62
4-Bromofluorobenzene
Concen: 92.567 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

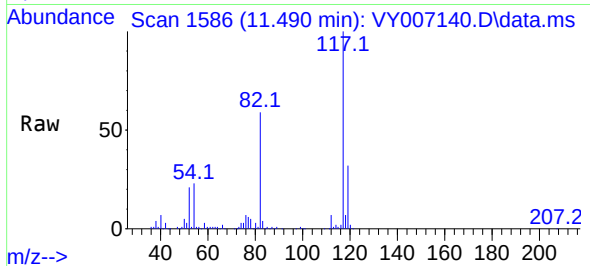
Tgt Ion: 95 Resp: 189655
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.4
176 72.6 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

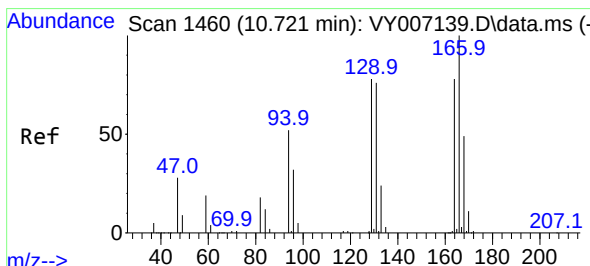
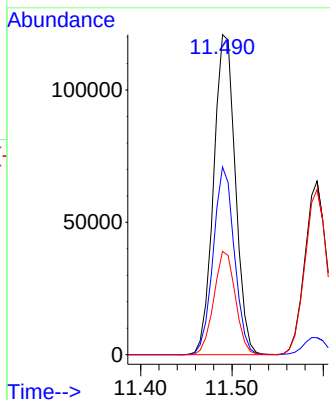
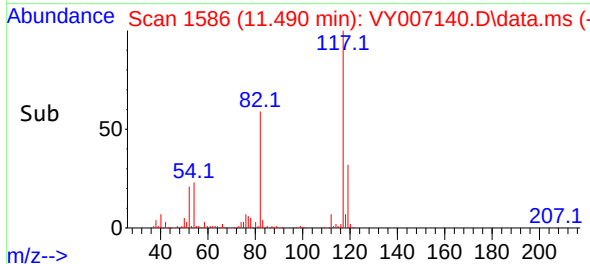
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



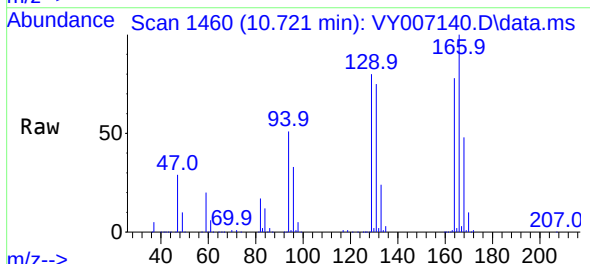
Tgt Ion:117 Resp: 199904
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.0
119 32.3 26.4 39.6

Manual Integrations
APPROVED

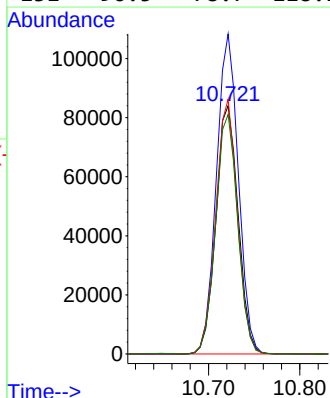
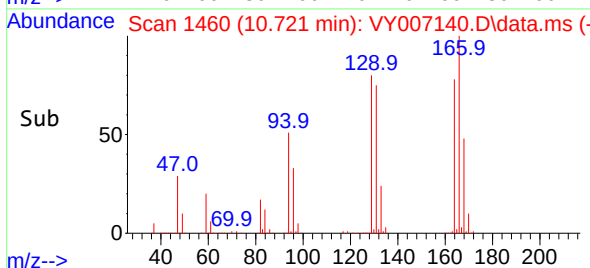
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

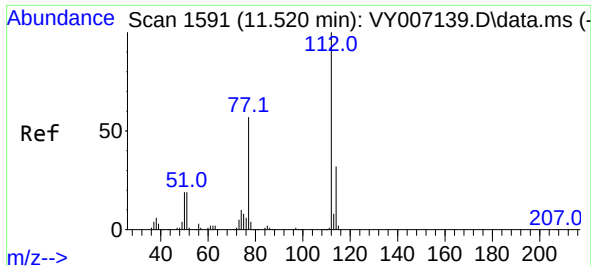


#64
Tetrachloroethene
Concen: 99.657 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



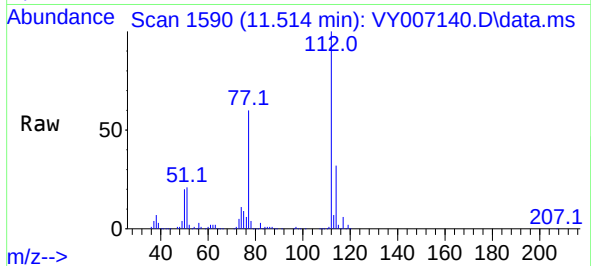
Tgt Ion:164 Resp: 141943
Ion Ratio Lower Upper
164 100
166 129.0 102.6 154.0
129 102.6 84.6 127.0
131 96.5 78.7 118.1





#65
Chlorobenzene
Concen: 100.932 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

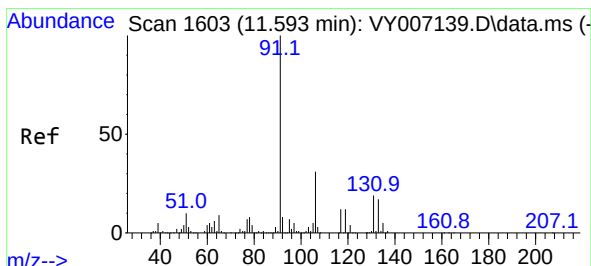
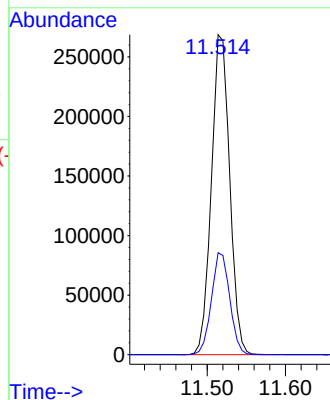
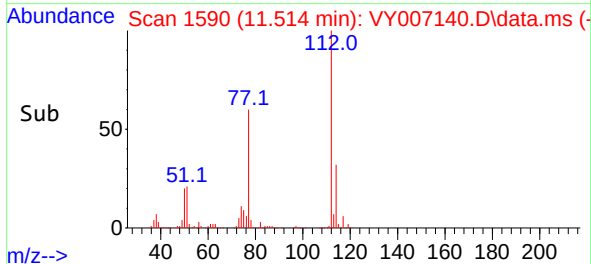
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



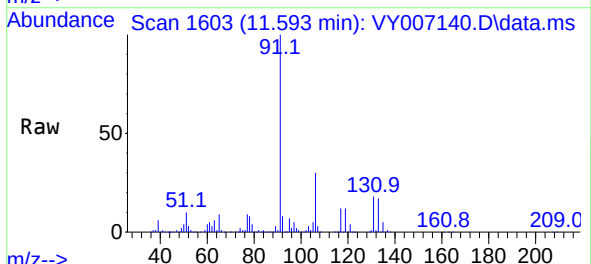
Tgt Ion:112 Resp: 43549
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7

Manual Integrations
APPROVED

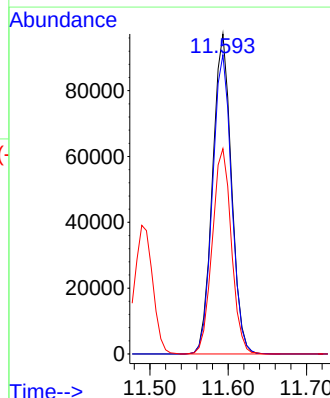
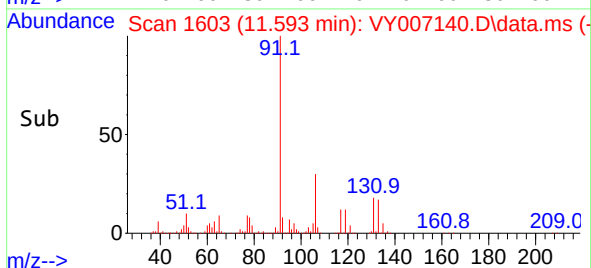
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

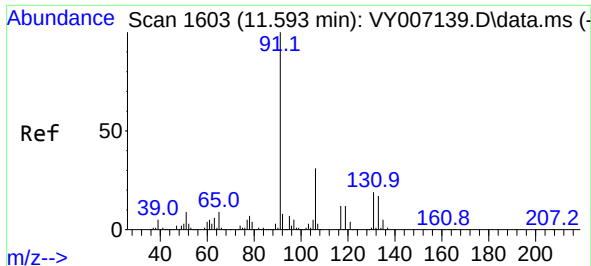


#66
1,1,1,2-Tetrachloroethane
Concen: 101.281 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



Tgt Ion:131 Resp: 162476
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.5
119 65.0 32.6 97.7





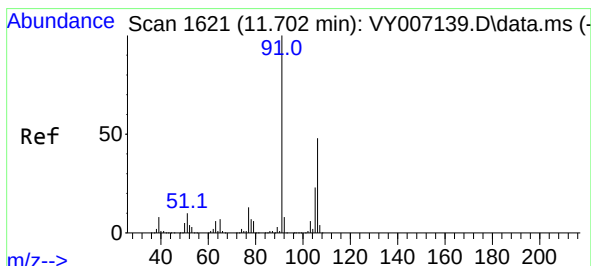
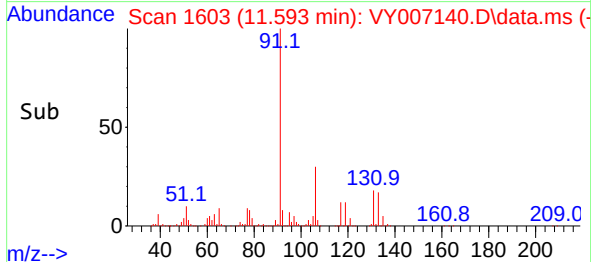
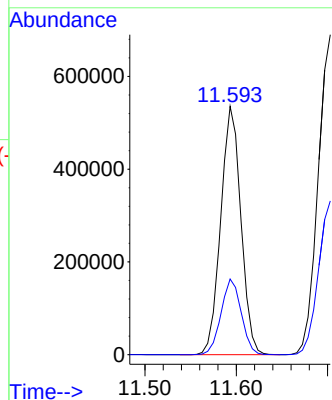
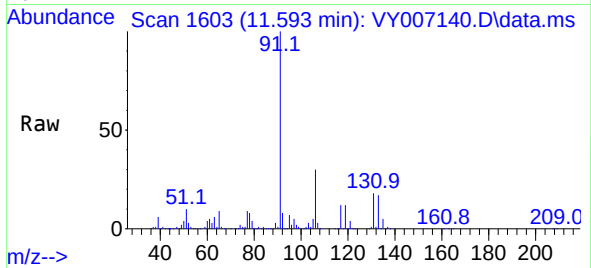
#67
Ethyl Benzene
Concen: 101.508 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 822174
Ion Ratio Lower Upper
91 100
106 30.5 23.9 35.9

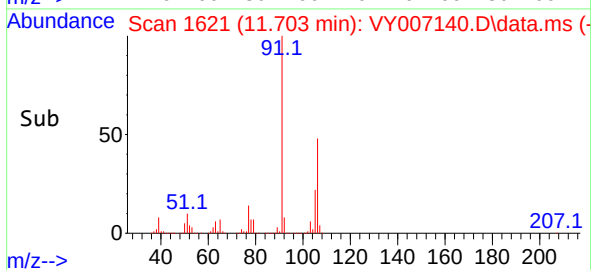
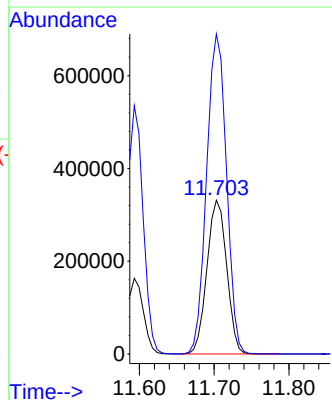
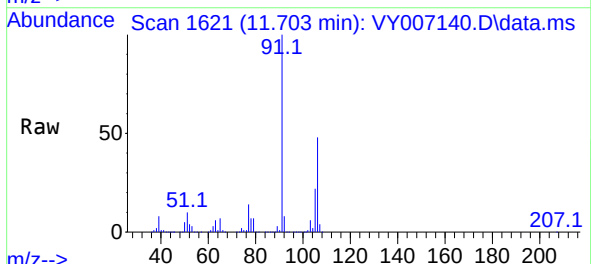
Manual Integrations
APPROVED

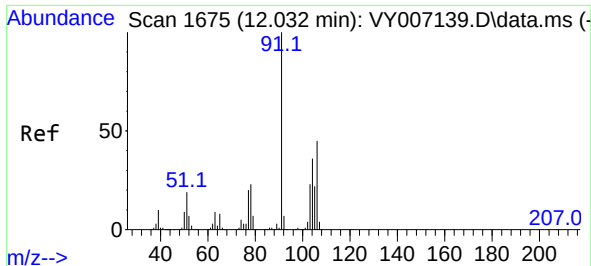
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#68
m/p-Xylenes
Concen: 200.583 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

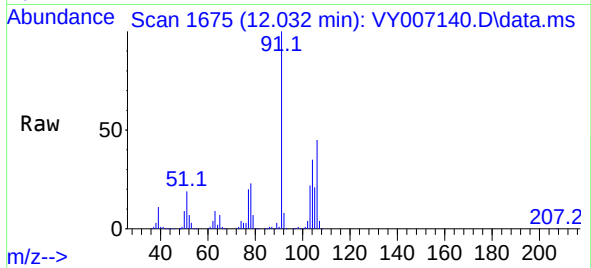
Tgt Ion:106 Resp: 607990
Ion Ratio Lower Upper
106 100
91 209.1 167.1 250.7





#69
o-Xylene
Concen: 101.136 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

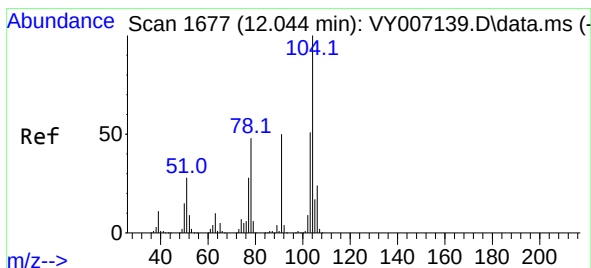
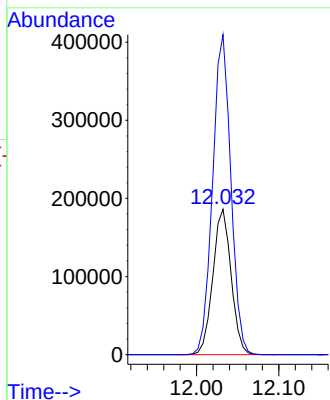
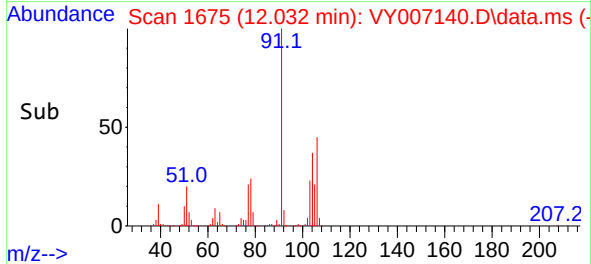
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



Tgt Ion:106 Resp: 286729
Ion Ratio Lower Upper
106 100
91 220.3 109.9 329.6

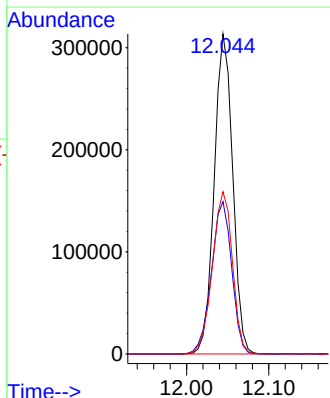
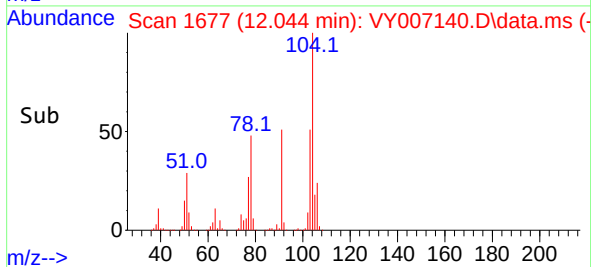
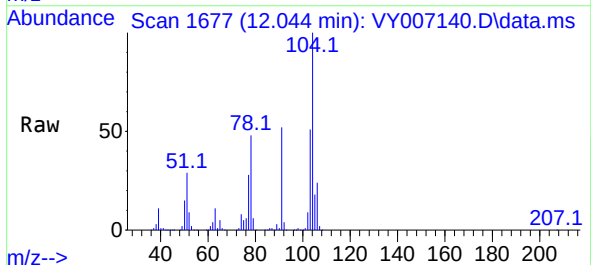
Manual Integrations
APPROVED

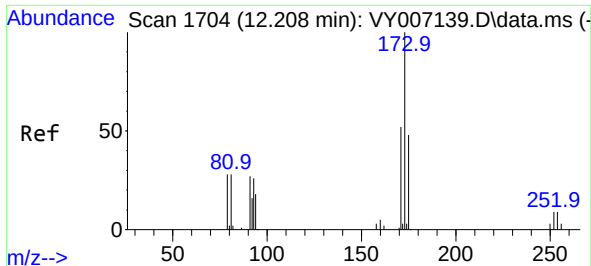
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#70
Styrene
Concen: 102.033 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

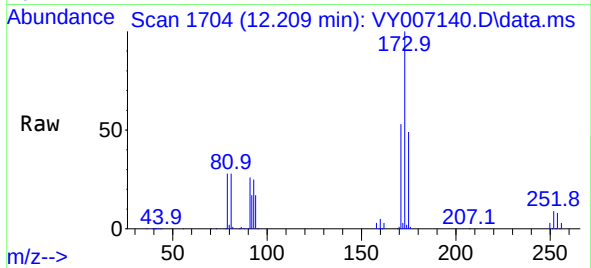
Tgt Ion:104 Resp: 489368
Ion Ratio Lower Upper
104 100
78 52.2 41.4 62.0
103 55.1 44.2 66.2





#71
Bromoform
Concen: 104.490 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

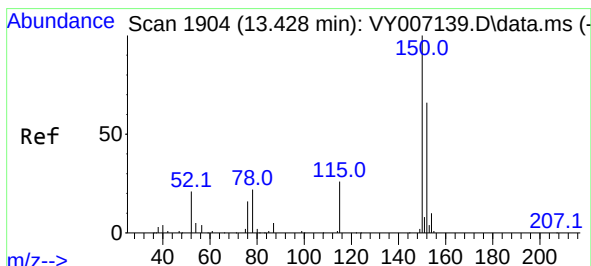
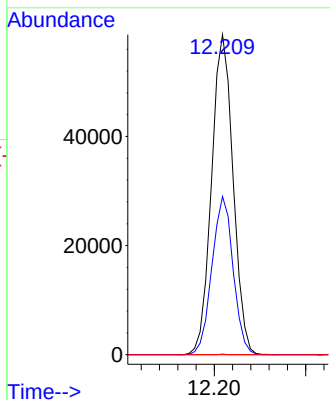
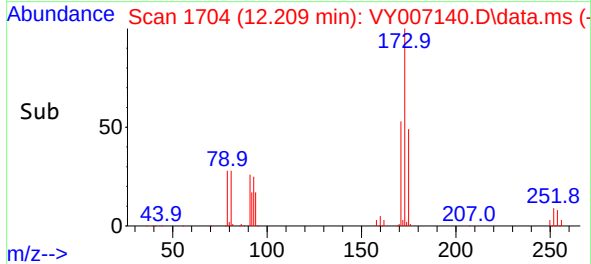
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



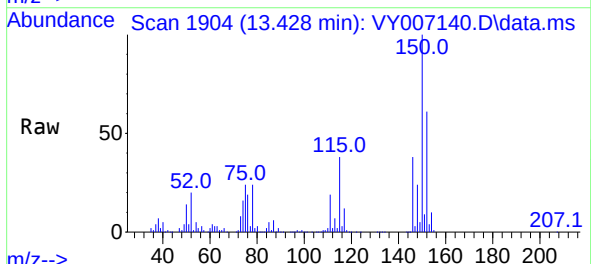
Tgt Ion:173 Resp: 95890
Ion Ratio Lower Upper
173 100
175 48.6 24.8 74.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

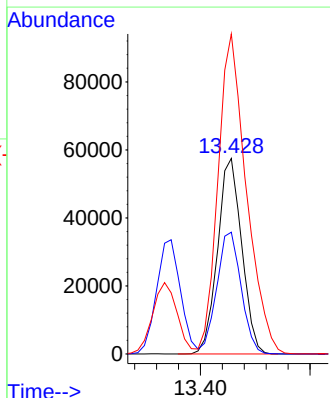
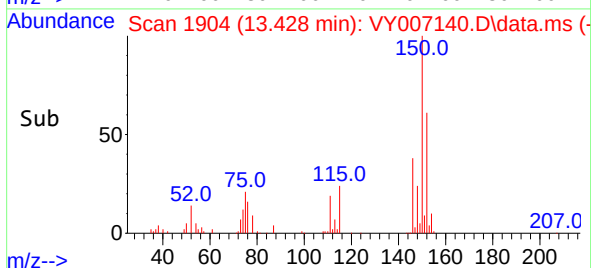
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

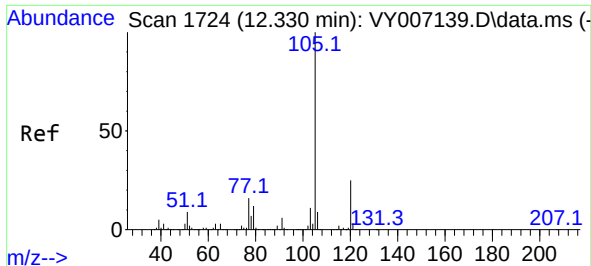


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



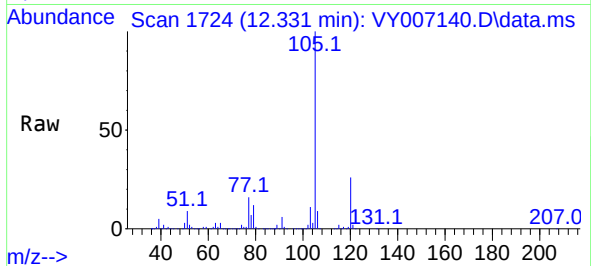
Tgt Ion:152 Resp: 88021
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.0
150 191.9 0.0 348.4





#73
Isopropylbenzene
Concen: 101.388 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

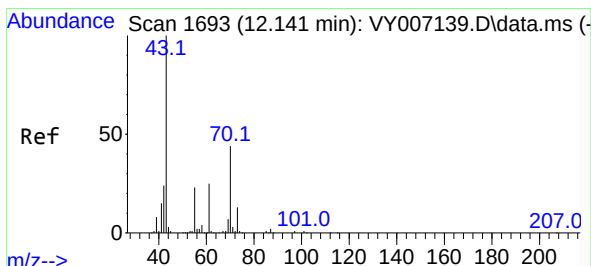
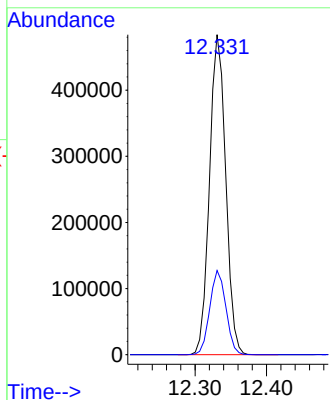
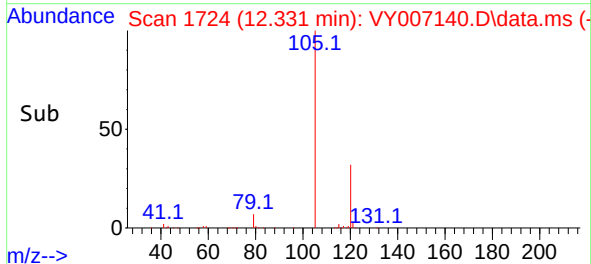
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



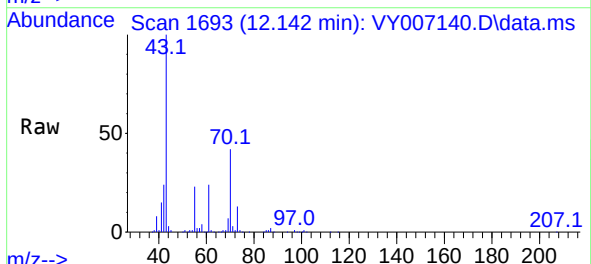
Tgt Ion:105 Resp: 761345
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

Manual Integrations
APPROVED

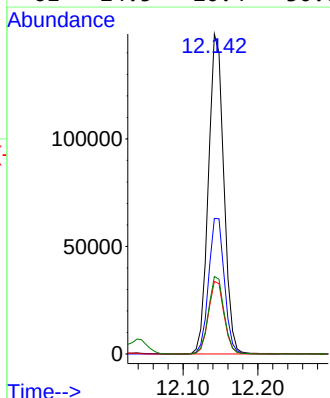
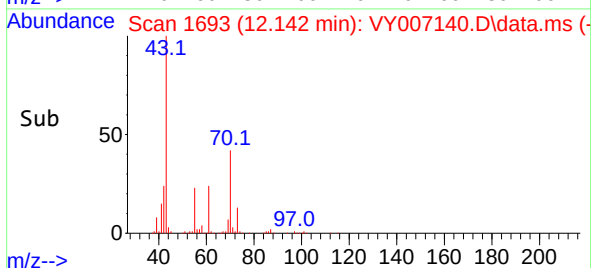
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

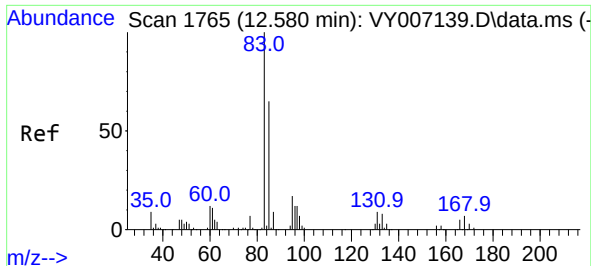


#74
N-ethyl acetate
Concen: 110.608 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



Tgt Ion: 43 Resp: 213228
Ion Ratio Lower Upper
43 100
70 43.3 36.2 54.4
55 23.0 19.0 28.4
61 24.5 20.4 30.6





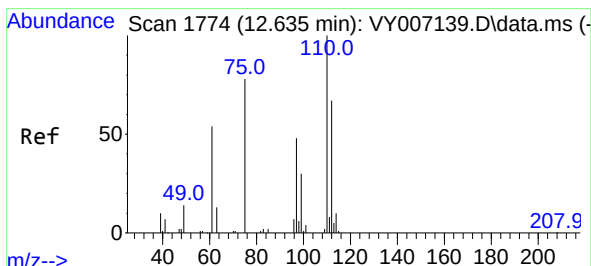
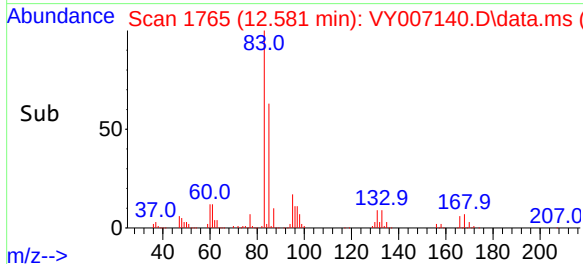
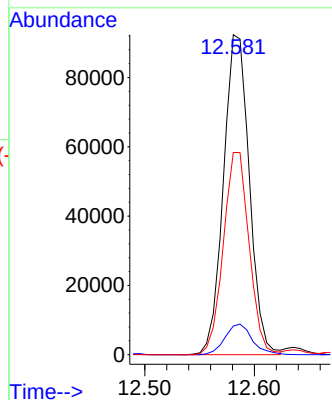
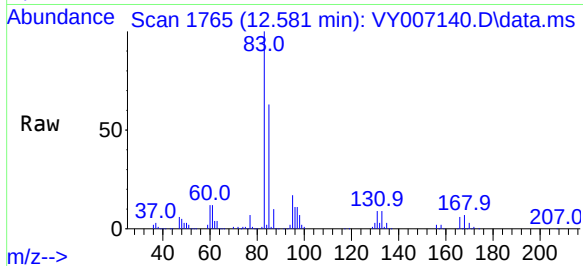
#75
1,1,2,2-Tetrachloroethane
Concen: 105.502 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 15144
Ion Ratio Lower Upper
83 100
131 10.1 5.3 16.1
85 63.1 32.4 97.2

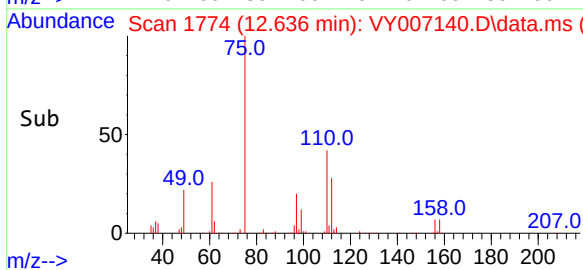
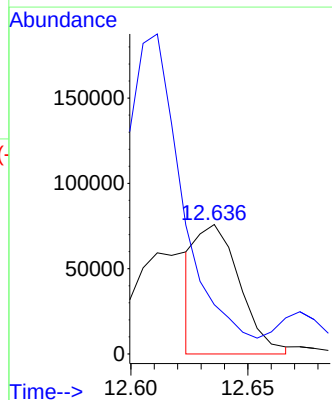
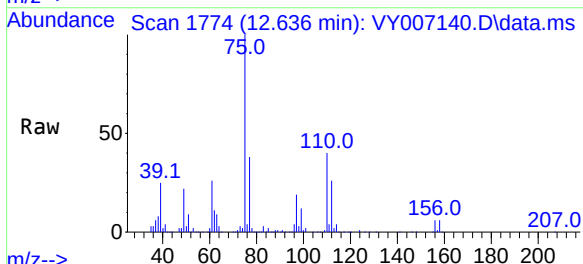
Manual Integrations
APPROVED

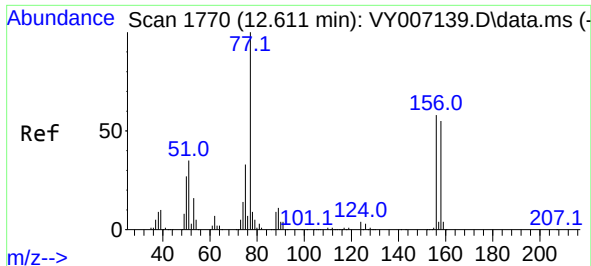
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#76
1,2,3-Trichloropropane
Concen: 95.895 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

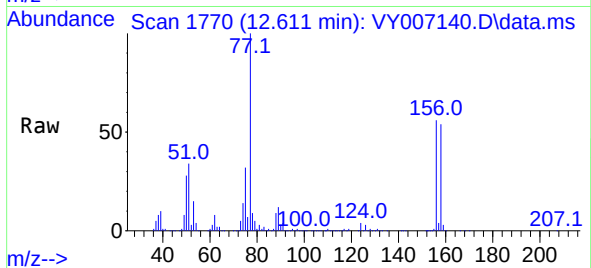
Tgt Ion: 75 Resp: 98801
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 100.089 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

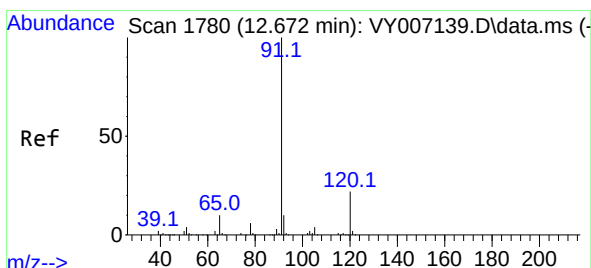
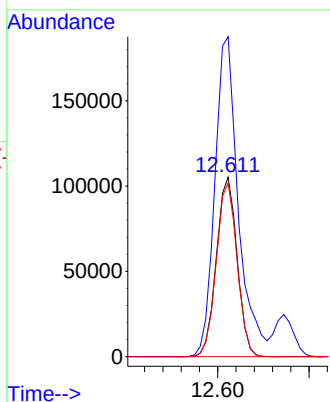
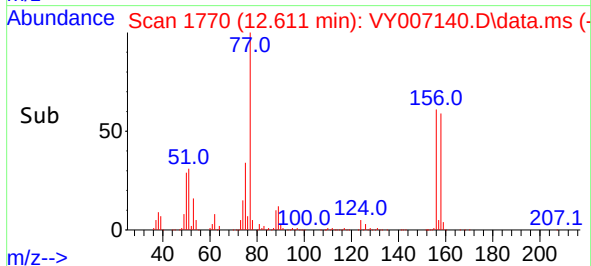
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



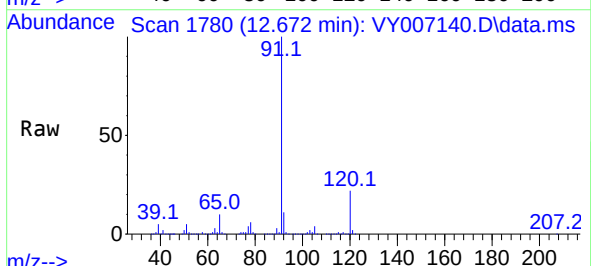
Tgt Ion:156 Resp: 165509
Ion Ratio Lower Upper
156 100
77 202.0 98.7 296.1
158 97.0 48.4 145.2

Manual Integrations
APPROVED

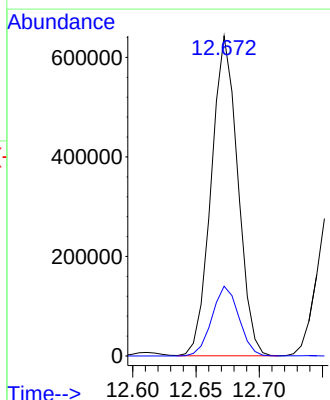
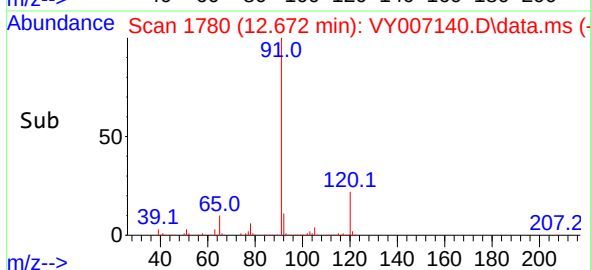
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

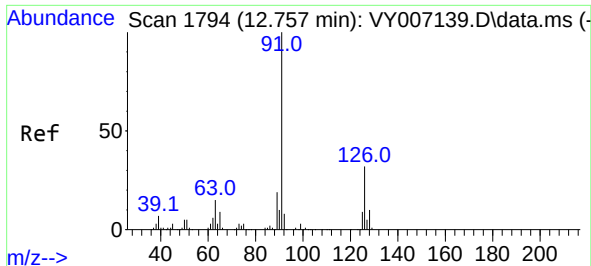


#78
n-propylbenzene
Concen: 102.188 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



Tgt Ion: 91 Resp: 937522
Ion Ratio Lower Upper
91 100
120 22.1 11.2 33.5





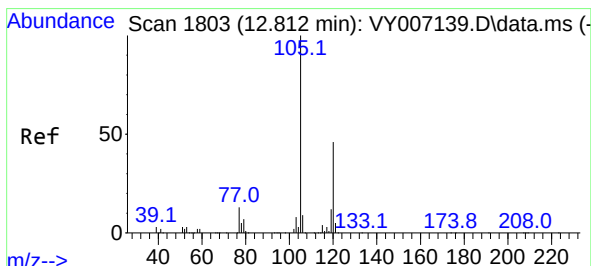
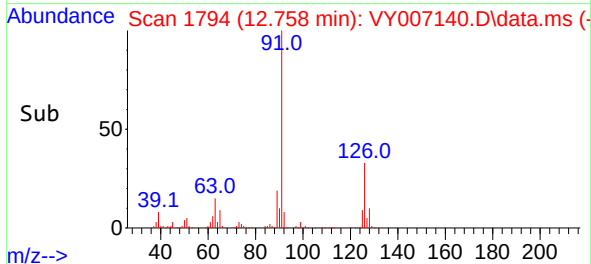
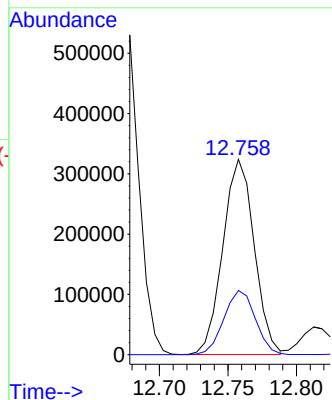
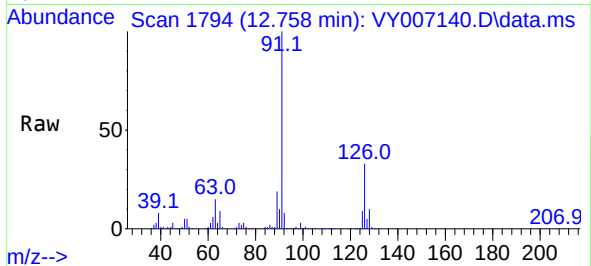
#79
2-Chlorotoluene
Concen: 99.004 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 51644
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1

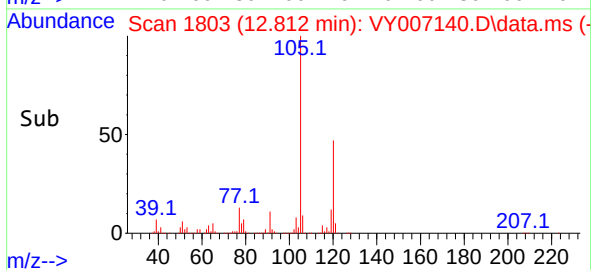
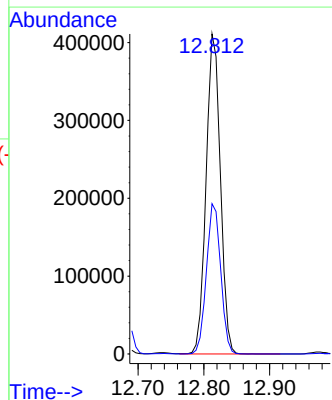
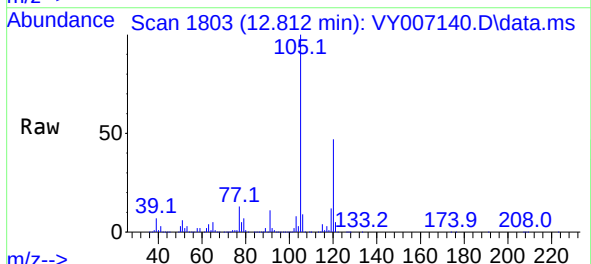
Manual Integrations
APPROVED

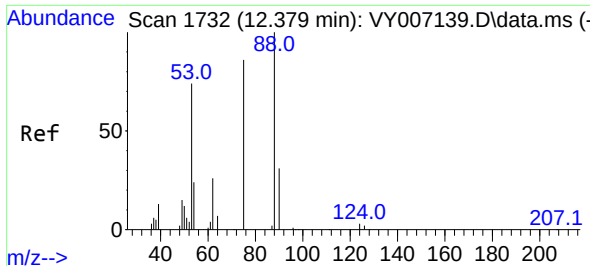
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 100.622 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

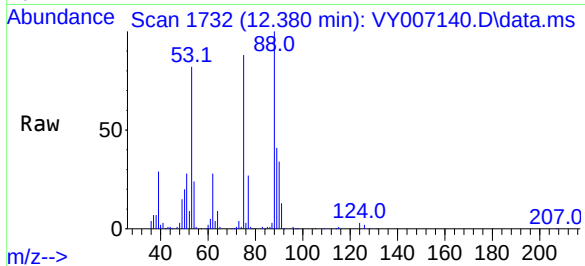
Tgt Ion:105 Resp: 620751
Ion Ratio Lower Upper
105 100
120 47.0 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 106.363 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

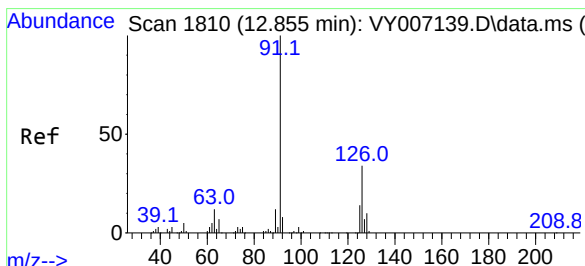
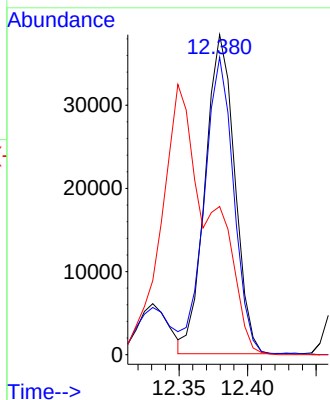
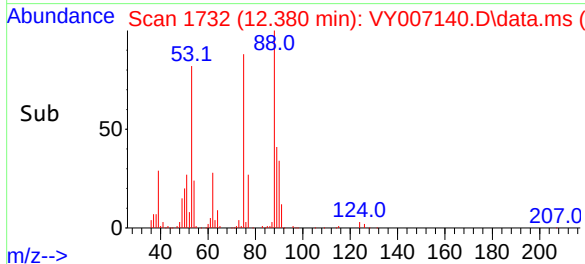
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



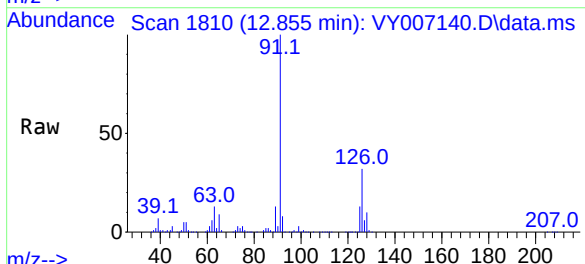
Tgt Ion: 75 Resp: 5732
Ion Ratio Lower Upper
75 100
53 92.7 73.9 110.9
89 0.0 0.0 0.0

Manual Integrations
APPROVED

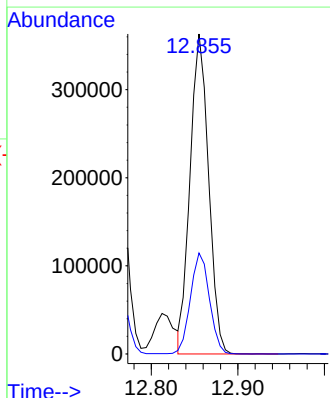
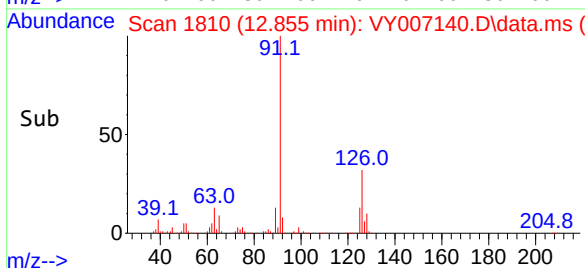
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

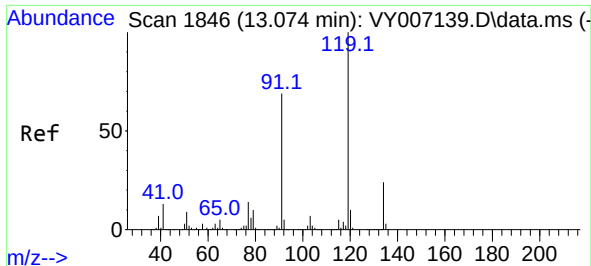


#82
4-Chlorotoluene
Concen: 100.000 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



Tgt Ion: 91 Resp: 538714
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.9





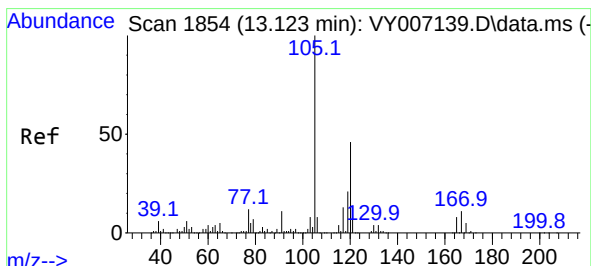
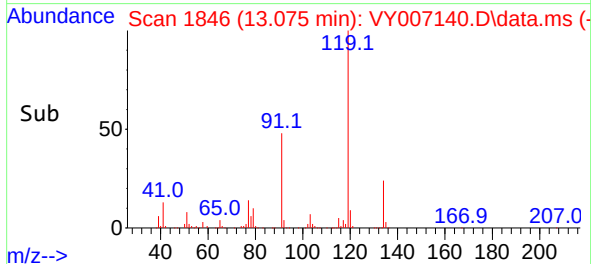
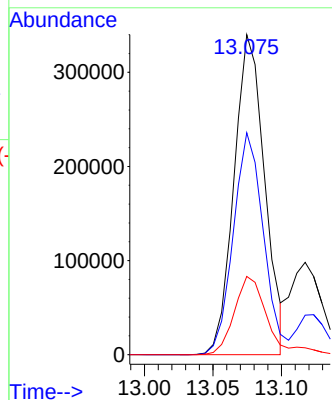
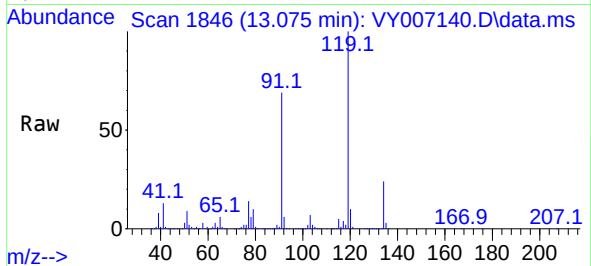
#83
tert-Butylbenzene
Concen: 97.691 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 52973
Ion Ratio Lower Upper
119 100
91 68.5 33.1 99.5
134 26.5 12.9 38.7

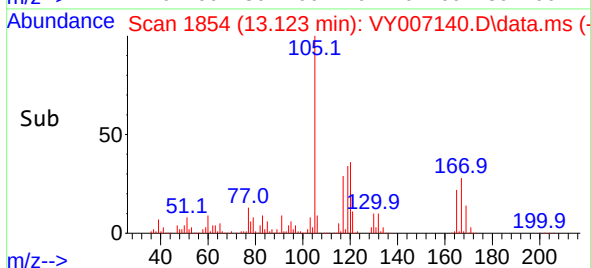
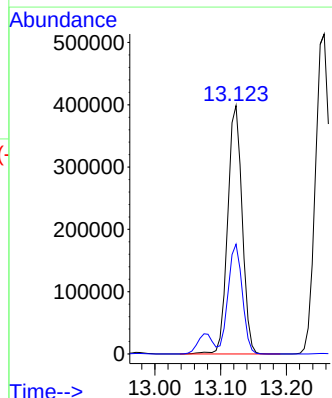
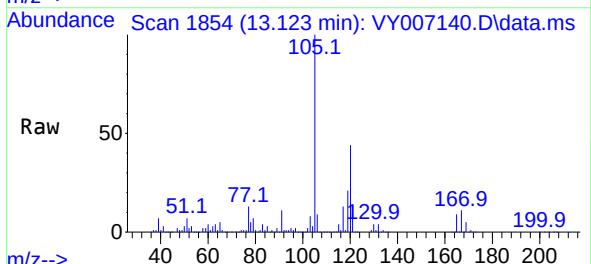
Manual Integrations
APPROVED

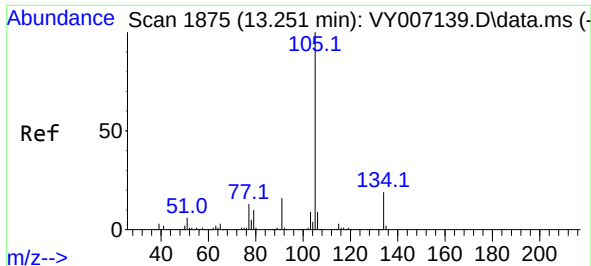
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022



#84
1,2,4-Trimethylbenzene
Concen: 100.283 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

Tgt Ion:105 Resp: 609373
Ion Ratio Lower Upper
105 100
120 43.7 21.6 64.6





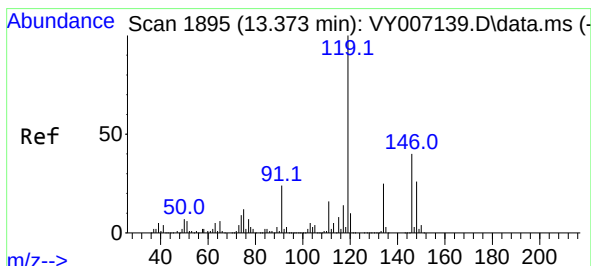
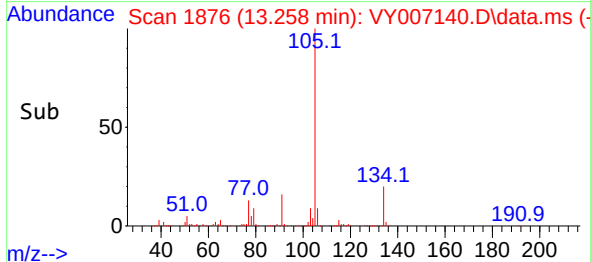
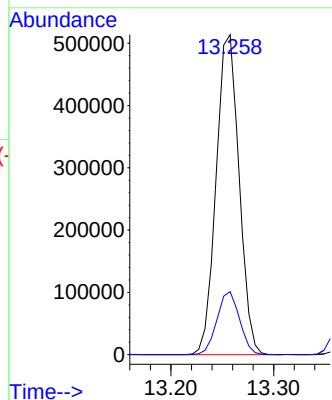
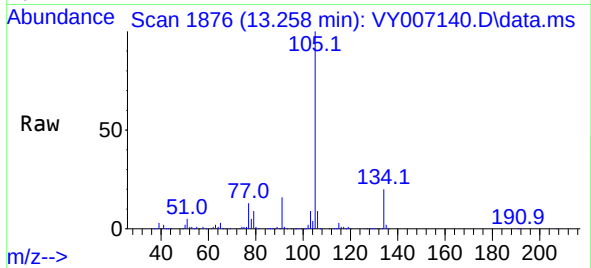
#85
 sec-Butylbenzene
 Concen: 100.313 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY007140.D
 Acq: 13 Jan 2022 13:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 795914
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.9 29.7

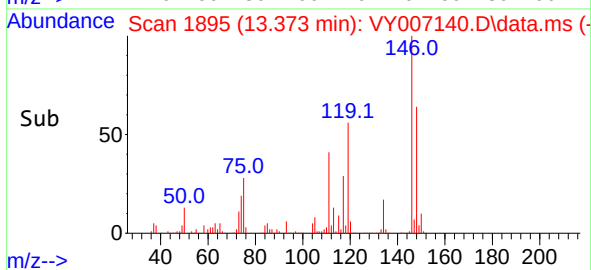
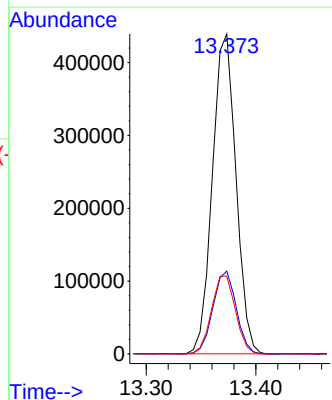
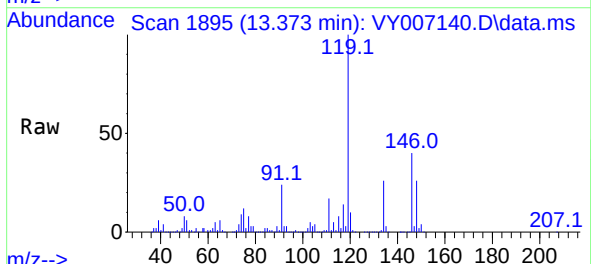
Manual Integrations
 APPROVED

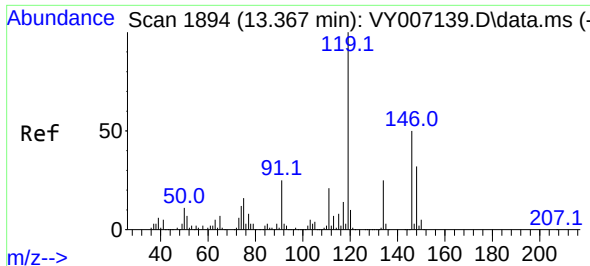
Reviewed By :John Carlone 01/14/2022
 Supervised By :Mahesh Dadoda 01/14/2022



#86
 p-Isopropyltoluene
 Concen: 100.659 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY007140.D
 Acq: 13 Jan 2022 13:13

Tgt Ion:119 Resp: 655299
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 100.009 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007140.D

Acq: 13 Jan 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 319690

Ion Ratio Lower Upper

146 100

111 42.4 21.1 63.1

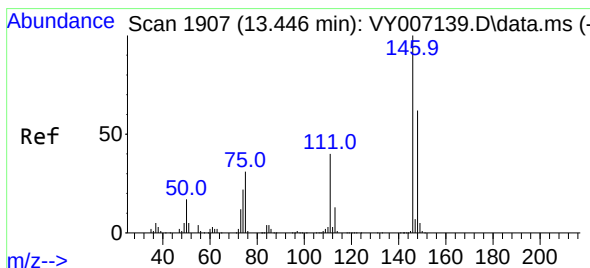
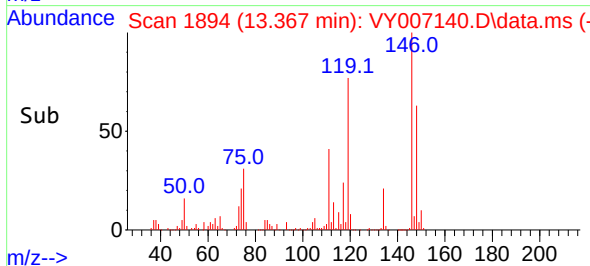
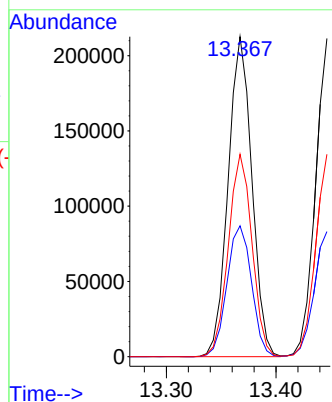
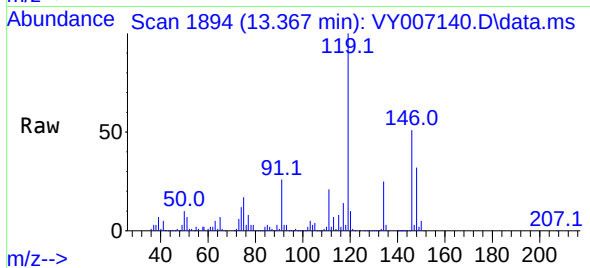
148 63.3 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/14/2022

Supervised By :Mahesh Dadoda 01/14/2022



#88

1,4-Dichlorobenzene

Concen: 99.212 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY007140.D

Acq: 13 Jan 2022 13:13

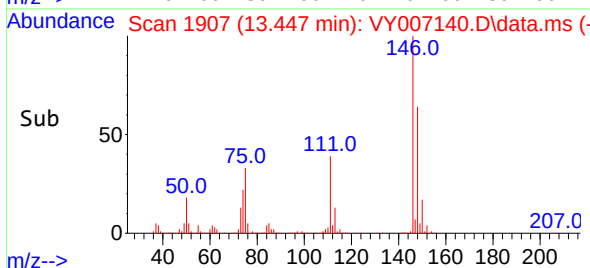
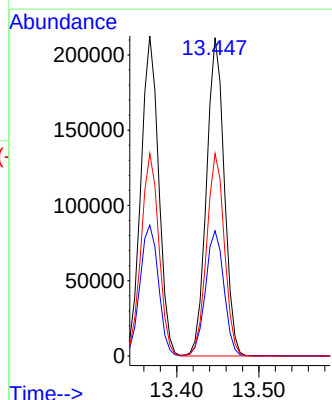
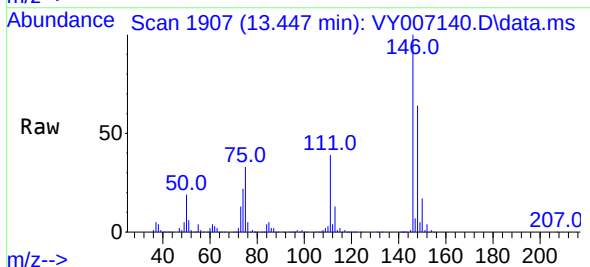
Tgt Ion:146 Resp: 316564

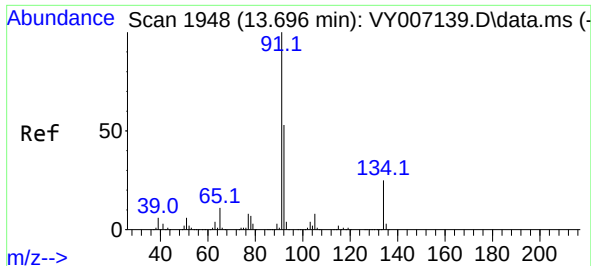
Ion Ratio Lower Upper

146 100

111 40.8 20.7 62.1

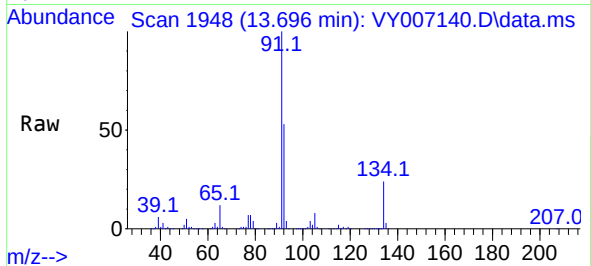
148 63.8 32.0 96.2





#89
n-Butylbenzene
Concen: 101.166 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

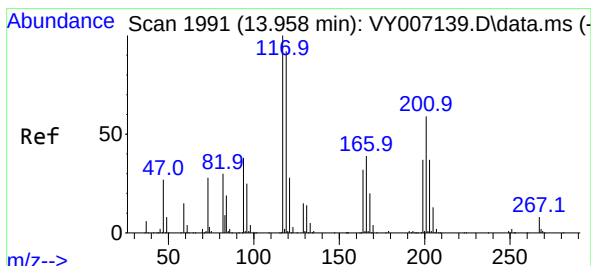
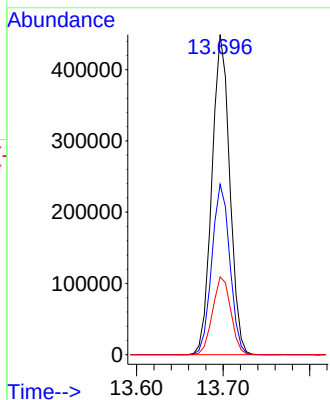
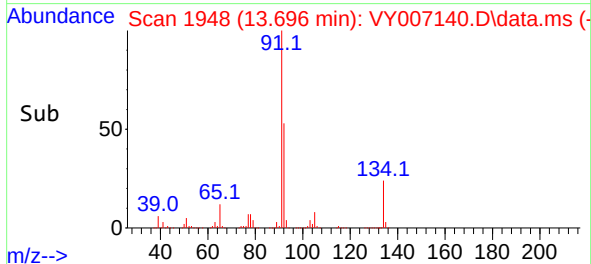
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



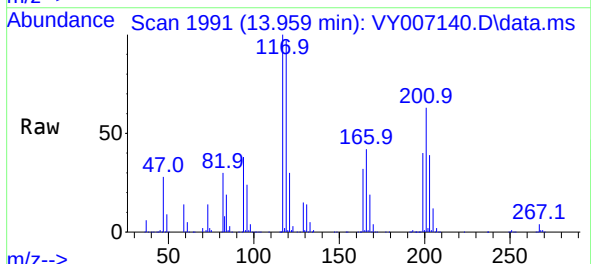
Tgt Ion: 91 Resp: 642359
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.6
134 24.9 12.6 37.6

Manual Integrations
APPROVED

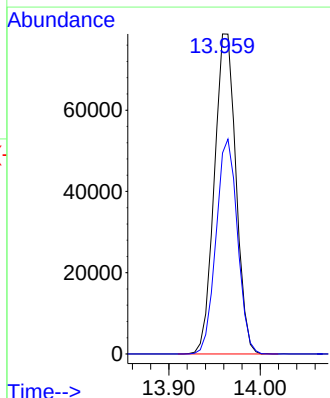
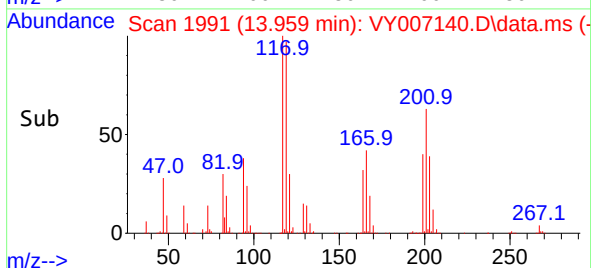
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

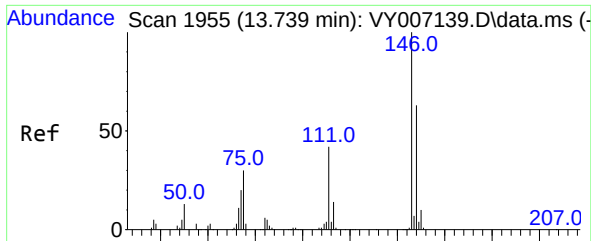


#90
Hexachloroethane
Concen: 100.620 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



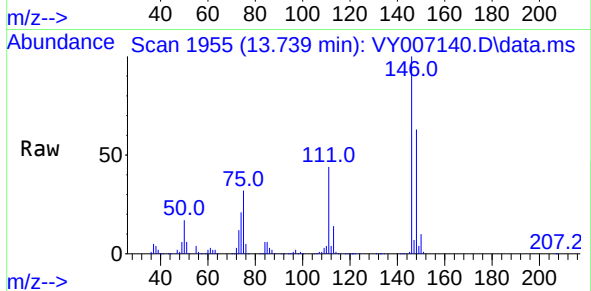
Tgt Ion:117 Resp: 129616
Ion Ratio Lower Upper
117 100
201 66.5 33.6 100.6





#91
1,2-Dichlorobenzene
Concen: 99.518 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

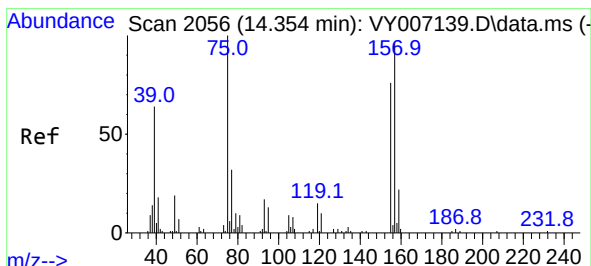
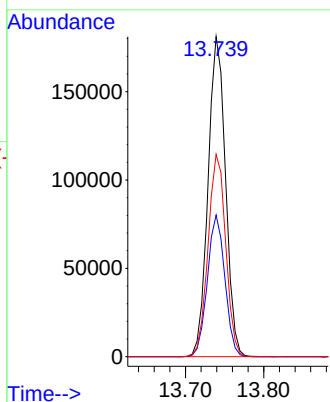
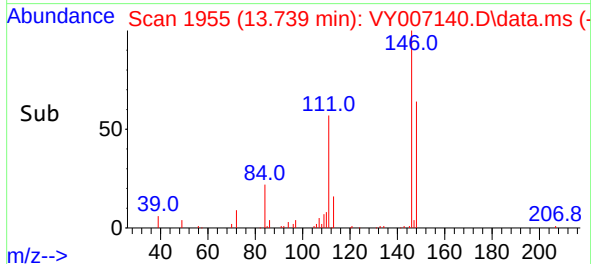
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



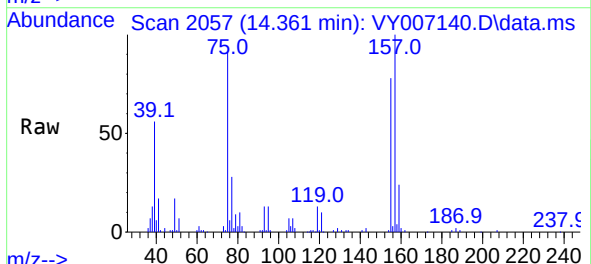
Tgt Ion:146 Resp: 28006
Ion Ratio Lower Upper
146 100
111 44.2 21.4 64.3
148 63.9 31.1 93.5

Manual Integrations
APPROVED

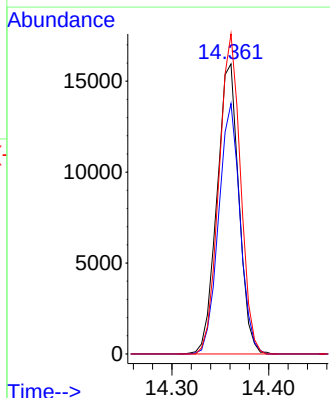
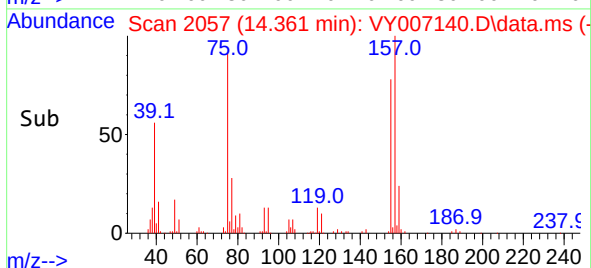
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

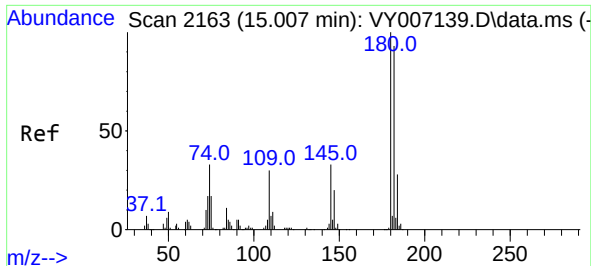


#92
1,2-Dibromo-3-Chloropropane
Concen: 104.753 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.007 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



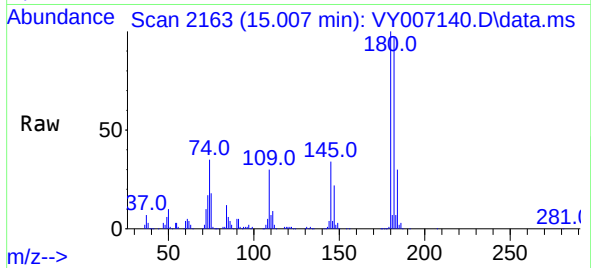
Tgt Ion: 75 Resp: 25091
Ion Ratio Lower Upper
75 100
155 84.2 40.1 120.2
157 108.1 51.7 155.2





#93
1,2,4-Trichlorobenzene
Concen: 104.184 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

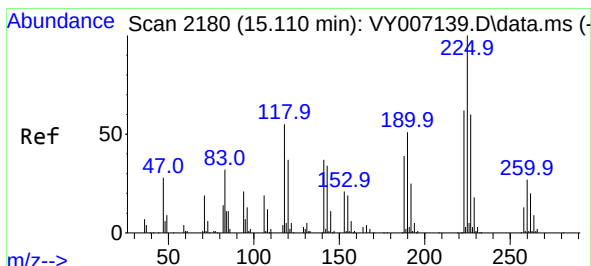
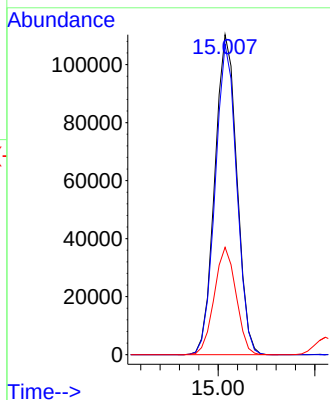
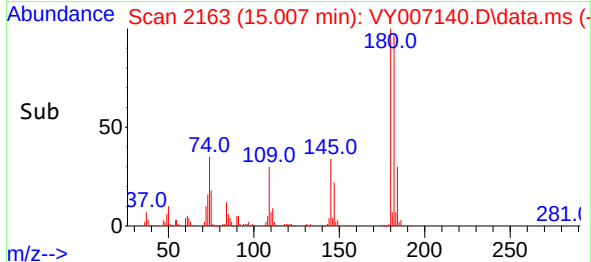
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100



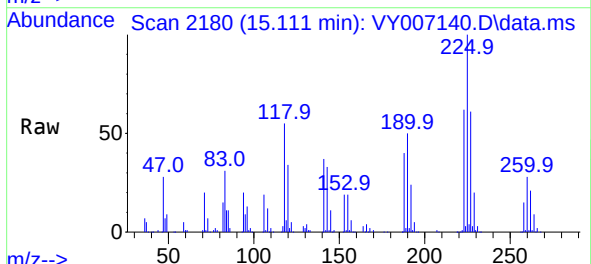
Tgt Ion:180 Resp: 174428
Ion Ratio Lower Upper
180 100
182 94.6 47.6 142.8
145 33.2 16.4 49.1

Manual Integrations
APPROVED

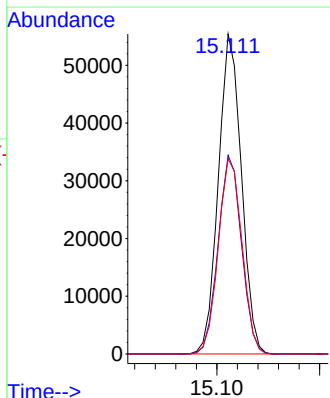
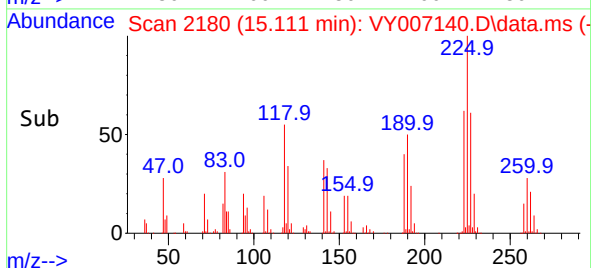
Reviewed By :John Carlone 01/14/2022
Supervised By :Mahesh Dadoda 01/14/2022

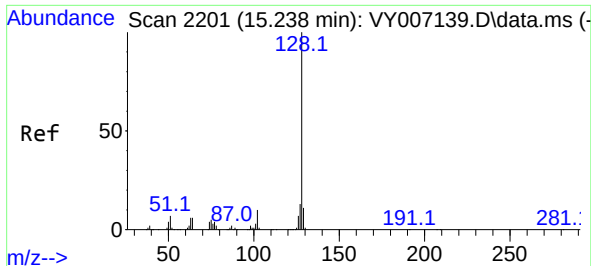


#94
Hexachlorobutadiene
Concen: 99.876 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



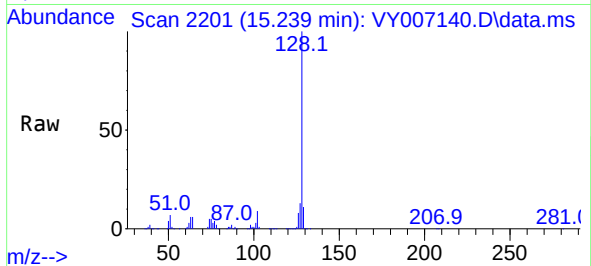
Tgt Ion:225 Resp: 86214
Ion Ratio Lower Upper
225 100
223 63.0 32.6 97.8
227 62.7 32.0 96.2





#95
Naphthalene
Concen: 108.310 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13

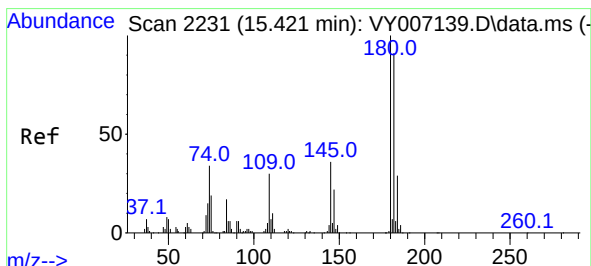
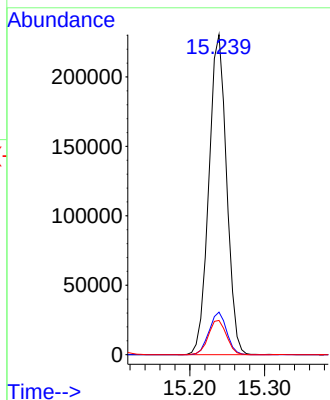
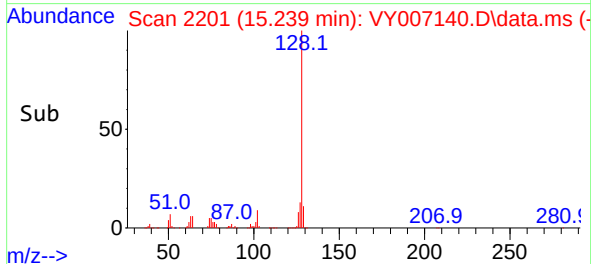
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100



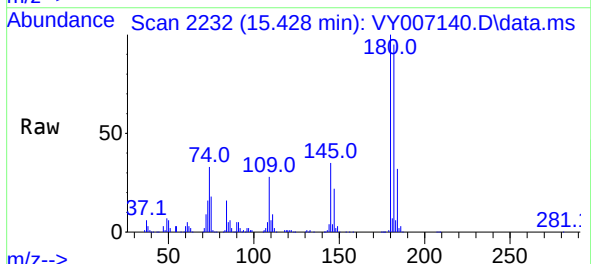
Tgt Ion:128 Resp: 379630
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 105.496 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.007 min
Lab File: VY007140.D
Acq: 13 Jan 2022 13:13



Tgt Ion:180 Resp: 148750
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.8
145 35.1 17.2 51.5

