

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
 Data File : VY007870.D
 Acq On : 17 Mar 2022 11:06
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 17 12:25:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 12:24:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	345154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	562629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	501603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	244348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	84432	23.366	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	46.740%#		
35) Dibromofluoromethane	7.716	113	84290	23.433	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	46.860%#		
50) Toluene-d8	10.179	98	320883	24.234	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	48.460%#		
62) 4-Bromofluorobenzene	12.483	95	119761	28.059	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	56.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57732	22.400	ug/l	96
3) Chloromethane	2.113	50	73429	17.178	ug/l	98
4) Vinyl Chloride	2.253	62	87074	16.816	ug/l	96
5) Bromomethane	2.638	94	56179	13.424	ug/l	97
6) Chloroethane	2.790	64	57986	14.602	ug/l	98
7) Trichlorofluoromethane	3.125	101	128104	21.653	ug/l	90
8) Diethyl Ether	3.528	74	46383	24.365	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.900	101	82272	22.781	ug/l	95
10) Methyl Iodide	4.089	142	84336	19.194	ug/l #	88
11) Tert butyl alcohol	4.954	59	45713	146.119	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	74226	23.158	ug/l	83
13) Acrolein	3.729	56	33011	103.828	ug/l	93
14) Allyl chloride	4.479	41	127880	26.526	ug/l #	91
15) Acrylonitrile	5.162	53	125960	125.353	ug/l	97
16) Acetone	3.948	43	99432	135.268	ug/l #	87
17) Carbon Disulfide	4.192	76	191682	21.953	ug/l	100
18) Methyl Acetate	4.479	43	61575	24.318	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	231907	23.313	ug/l	98
20) Methylene Chloride	4.716	84	98620	24.114	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	85007	22.730	ug/l	90
22) Diisopropyl ether	6.119	45	270981	23.529	ug/l #	96
23) Vinyl Acetate	6.058	43	858608	117.889	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	155421	22.335	ug/l	99
25) 2-Butanone	6.984	43	164931	133.752	ug/l #	89
26) 2,2-Dichloropropane	6.984	77	142336	22.985	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	101491	23.143	ug/l	88
28) Bromochloromethane	7.338	49	58752	19.853	ug/l	86
29) Tetrahydrofuran	7.350	42	105328	124.835	ug/l #	86
30) Chloroform	7.503	83	159111	22.070	ug/l	98
31) Cyclohexane	7.783	56	144549	22.894	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	144348	22.498	ug/l	96
36) 1,1-Dichloropropene	7.917	75	119598	21.136	ug/l	96
37) Ethyl Acetate	7.076	43	70119	22.436	ug/l #	89
38) Carbon Tetrachloride	7.899	117	126504	20.958	ug/l	100
39) Methylcyclohexane	9.185	83	155729	22.393	ug/l	91
40) Benzene	8.155	78	347398	22.060	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	43129m	28.878	ug/l	
42) 1,2-Dichloroethane	8.240	62	98809	20.108	ug/l	92
43) Isopropyl Acetate	8.271	43	139026	24.054	ug/l #	92
44) Trichloroethene	8.941	130	96063	21.964	ug/l	94
45) 1,2-Dichloropropane	9.216	63	90386	22.195	ug/l	95
46) Dibromomethane	9.307	93	51635	21.123	ug/l	95
47) Bromodichloromethane	9.496	83	125281	21.850	ug/l	95
48) Methyl methacrylate	9.289	41	59117	23.597	ug/l #	85
49) 1,4-Dioxane	9.301	88	15786	534.901	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	361390	116.858	ug/l	91
52) Toluene	10.246	92	223895	21.988	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	133031	22.599	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	149897	23.048	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	74981	22.546	ug/l	98
56) Ethyl methacrylate	10.508	69	107207	24.281	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	125972	22.400	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	249064	103.436	ug/l	96
59) 2-Hexanone	10.831	43	257053	123.429	ug/l	88
60) Dibromochloromethane	10.984	129	89383	22.572	ug/l	100
61) 1,2-Dibromoethane	11.087	107	72213	22.781	ug/l	98
64) Tetrachloroethene	10.721	164	80202	21.571	ug/l	98
65) Chlorobenzene	11.514	112	241326	22.083	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	91798	22.463	ug/l	97
67) Ethyl Benzene	11.593	91	432464	21.944	ug/l	97
68) m/p-Xylenes	11.703	106	339471	44.893	ug/l	93
69) o-Xylene	12.026	106	164257	22.923	ug/l	93
70) Styrene	12.044	104	273704	22.812	ug/l	95
71) Bromoform	12.209	173	56540	22.220	ug/l #	100
73) Isopropylbenzene	12.331	105	435415	22.873	ug/l	99
74) N-amyl acetate	12.142	43	125688	24.804	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	91253	22.856	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	66861m	24.502	ug/l	
77) Bromobenzene	12.605	156	98941	22.565	ug/l	100
78) n-propylbenzene	12.672	91	528515	23.009	ug/l	99
79) 2-Chlorotoluene	12.758	91	293878	23.909	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	358468	23.550	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	32656	24.465	ug/l #	83
82) 4-Chlorotoluene	12.855	91	305264	24.144	ug/l	99
83) tert-Butylbenzene	13.075	119	323433	23.101	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	352365	23.502	ug/l	98
85) sec-Butylbenzene	13.252	105	483292	23.335	ug/l	100
86) p-Isopropyltoluene	13.367	119	391752	22.901	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	193539	22.182	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	195046	22.650	ug/l	97
89) n-Butylbenzene	13.697	91	377422	23.345	ug/l	98
90) Hexachloroethane	13.959	117	79139	24.407	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	175972	22.713	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14743	24.383	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	110744	22.578	ug/l	98
94) Hexachlorobutadiene	15.111	225	59947	20.672	ug/l	99
95) Naphthalene	15.233	128	243455	24.399	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	96790	22.141	ug/l	98

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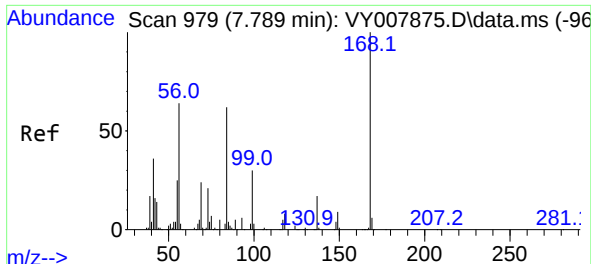
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

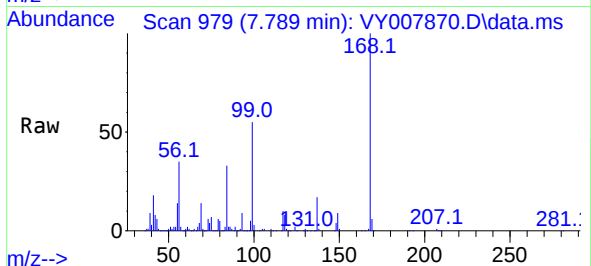
Quant Time: Mar 17 12:25:58 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007870.D
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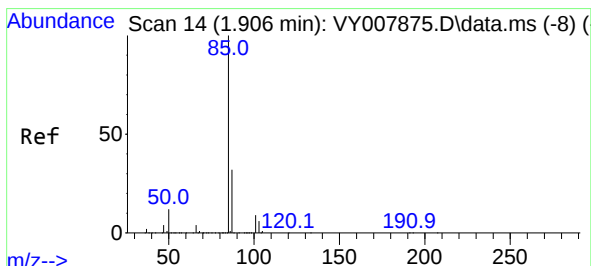
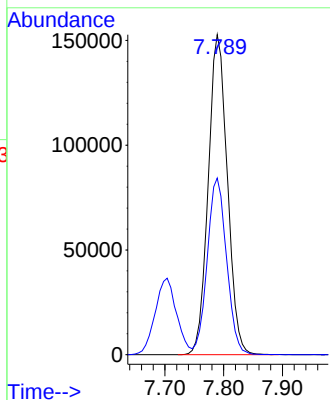
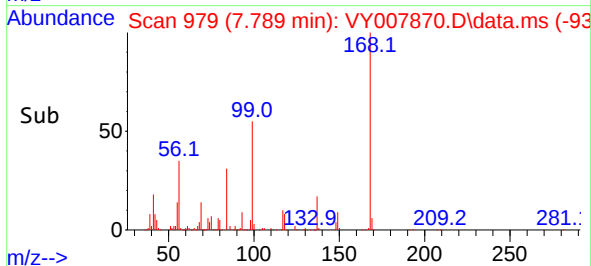
Instrument :
MSVOA_Y
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VSTDIC020



Tgt Ion:168 Resp: 345154
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3

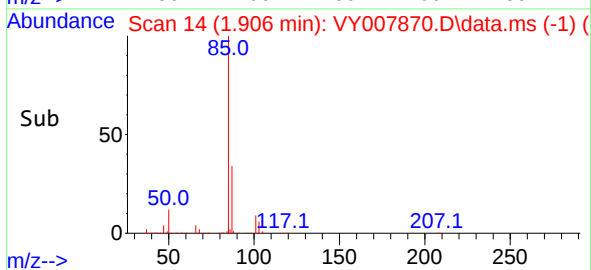
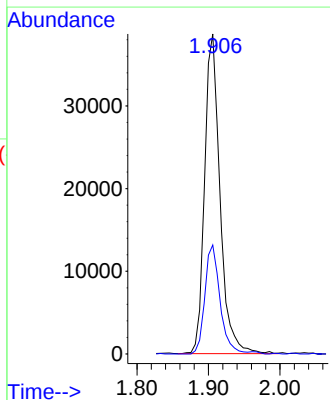
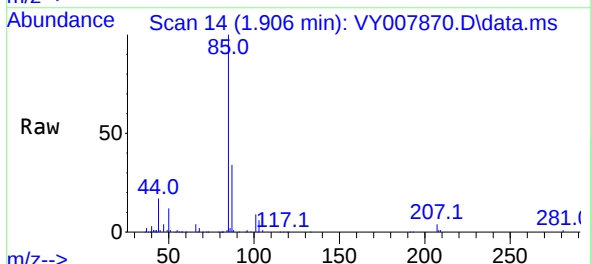
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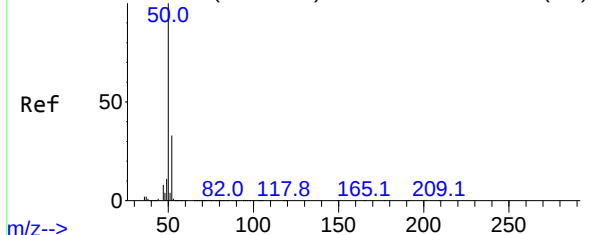


#2
Dichlorodifluoromethane
Concen: 22.400 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Tgt Ion: 85 Resp: 57732
Ion Ratio Lower Upper
85 100
87 34.1 16.1 48.2



Abundance Scan 48 (2.113 min): VY007875.D\data.ms (-41)



#3

Chloromethane

Concen: 17.178 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY007870.D

Acq: 17 Mar 2022 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 50 Resp: 73429

Ion Ratio Lower Upper

50 100

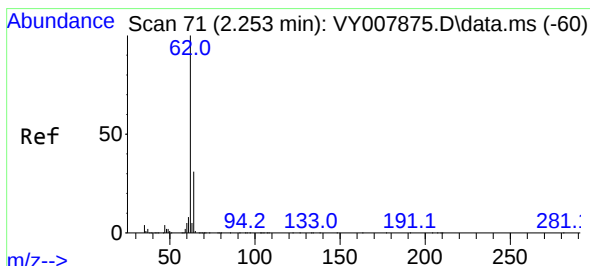
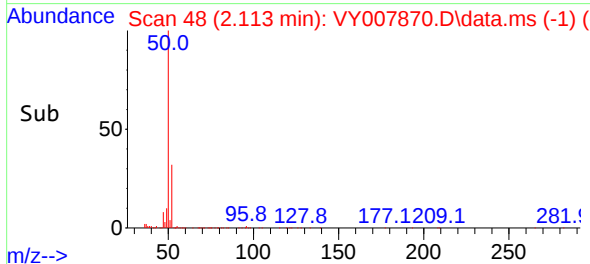
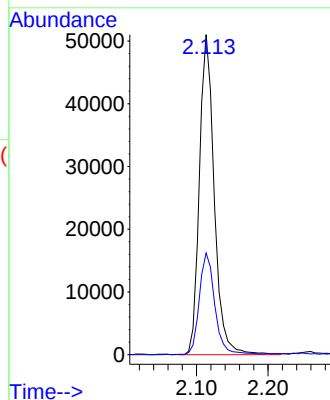
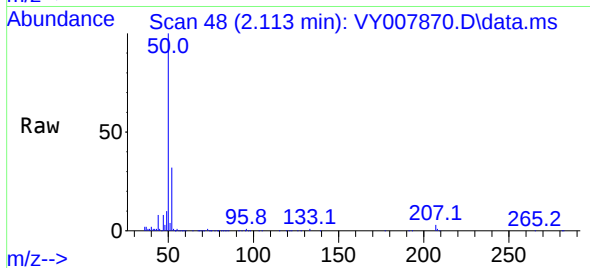
52 31.7 24.6 37.0

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#4

Vinyl Chloride

Concen: 16.816 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY007870.D

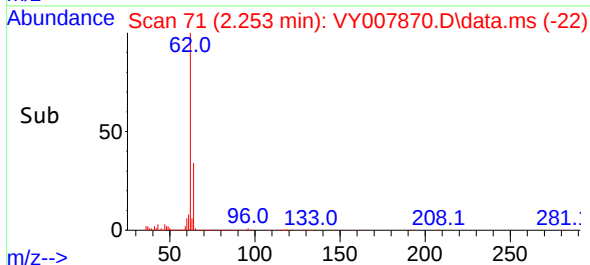
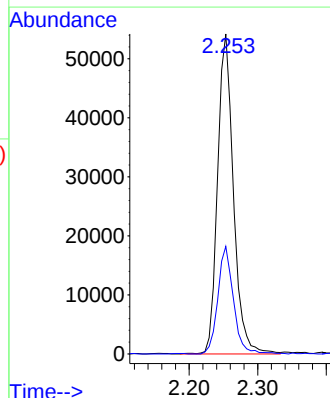
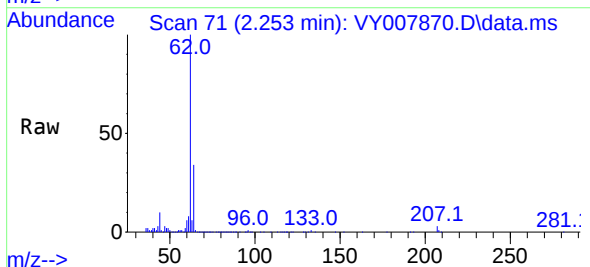
Acq: 17 Mar 2022 11:06

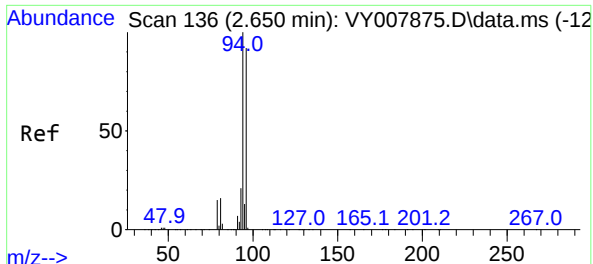
Tgt Ion: 62 Resp: 87074

Ion Ratio Lower Upper

62 100

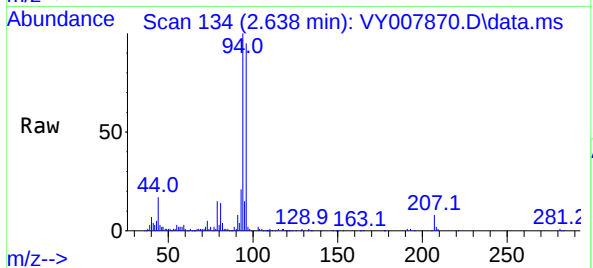
64 33.4 25.0 37.6





#5
Bromomethane
Concen: 13.424 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

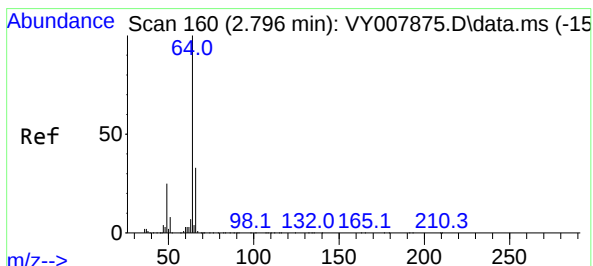
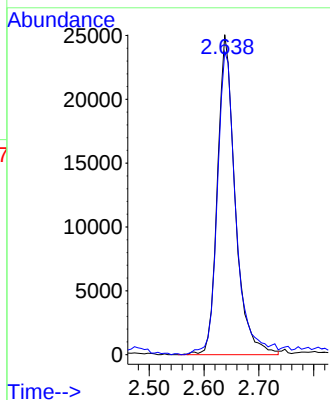
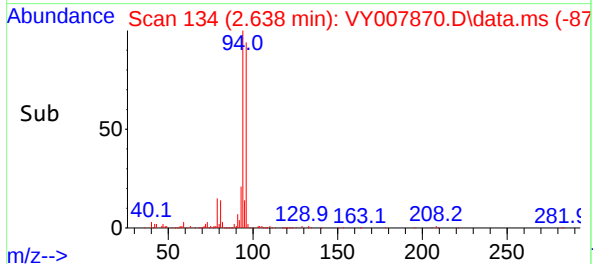
Instrument :
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Tgt Ion: 94 Resp: 56179
Ion Ratio Lower Upper
94 100
96 94.4 73.5 110.3

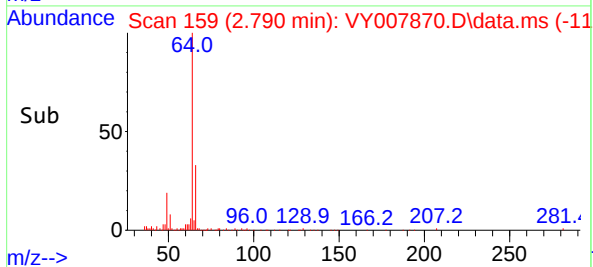
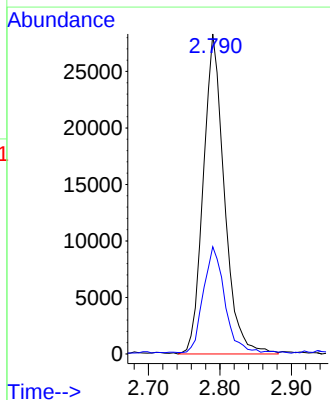
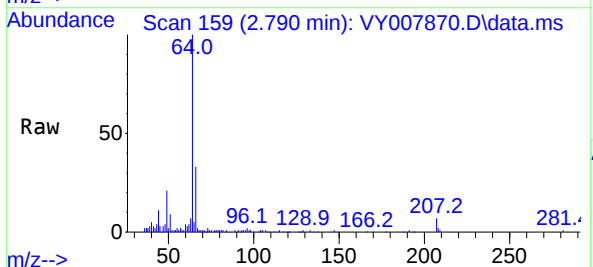
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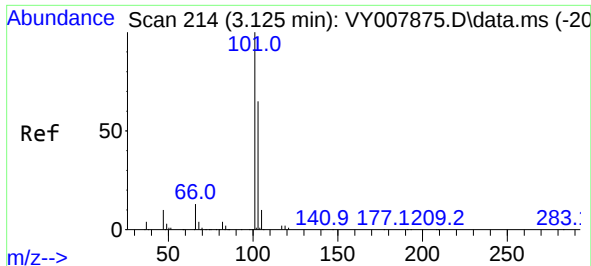
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#6
Chloroethane
Concen: 14.602 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Tgt Ion: 64 Resp: 57986
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.0





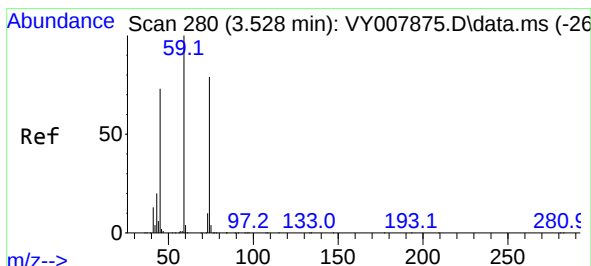
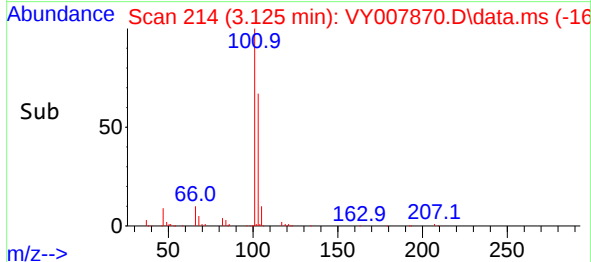
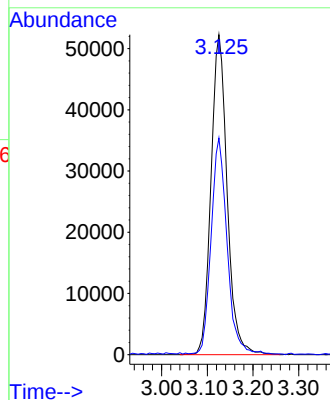
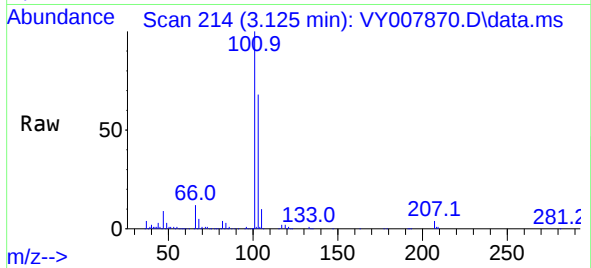
#7
Trichlorofluoromethane
Concen: 21.653 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 128104
Ion Ratio Lower Upper
101 100
103 67.4 48.0 72.0

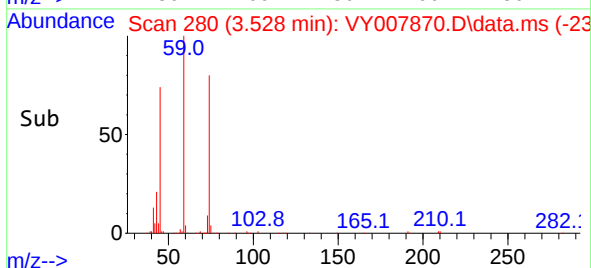
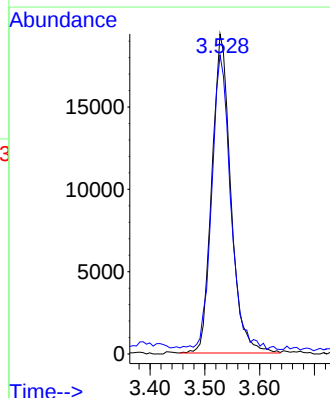
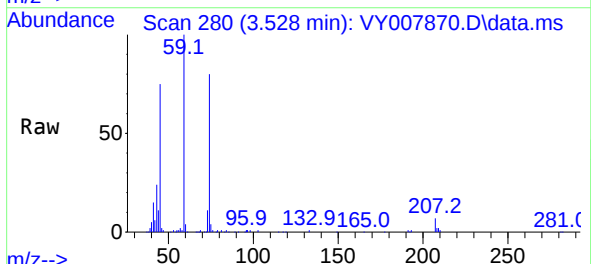
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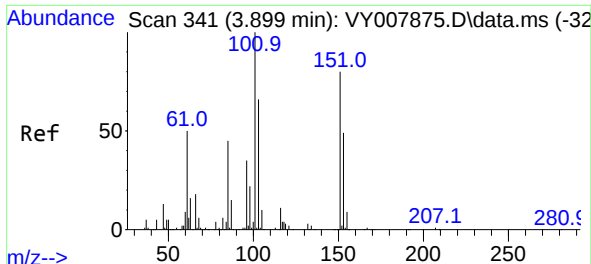
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#8
Diethyl Ether
Concen: 24.365 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Tgt Ion: 74 Resp: 46383
Ion Ratio Lower Upper
74 100
45 92.8 55.1 165.5





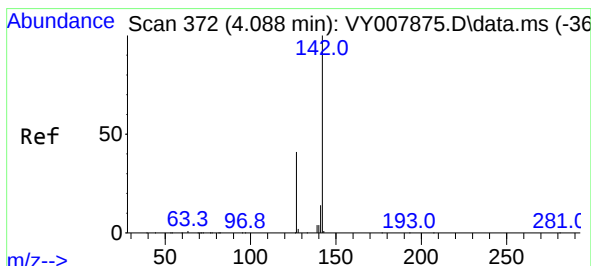
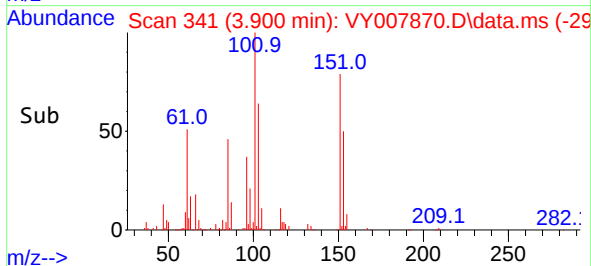
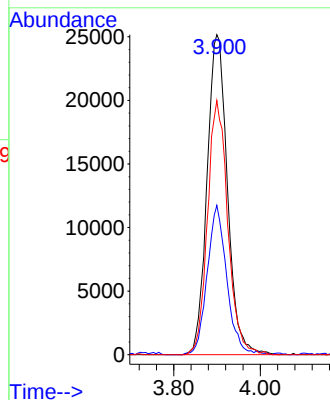
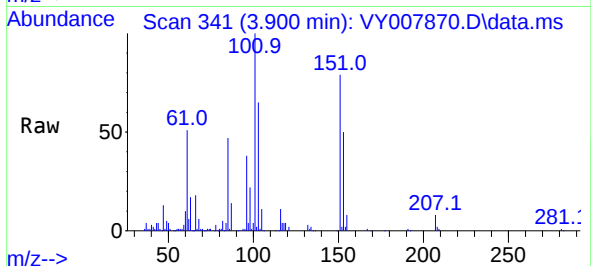
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.781 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 82272
Ion Ratio Lower Upper
101 100
85 44.9 40.6 60.8
151 79.0 64.9 97.3

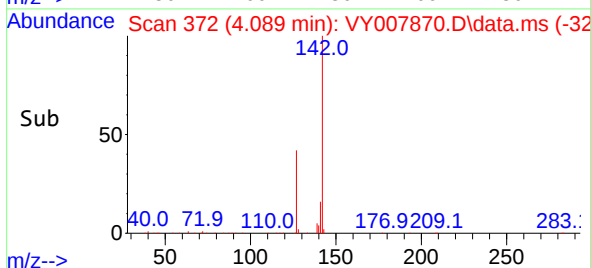
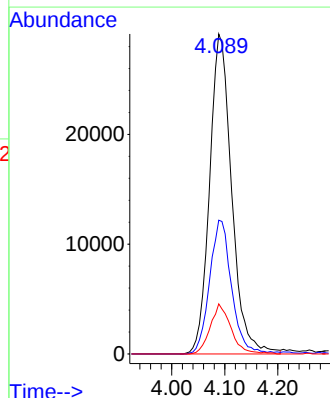
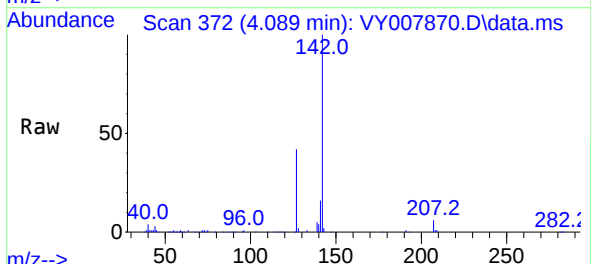
Manual Integrations
APPROVED

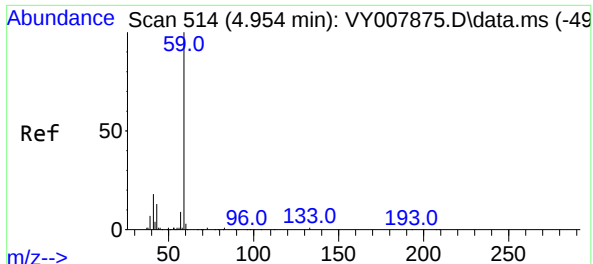
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#10
Methyl Iodide
Concen: 19.194 ug/l
RT: 4.089 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Tgt Ion:142 Resp: 84336
Ion Ratio Lower Upper
142 100
127 41.4 41.5 62.3#
141 14.8 11.9 17.9





#11

Tert butyl alcohol

Concen: 146.119 ug/l

RT: 4.954 min Scan# 514

Delta R.T. 0.000 min

Lab File: VY007870.D

Acq: 17 Mar 2022 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 4571

Ion Ratio Lower Upper

59 100

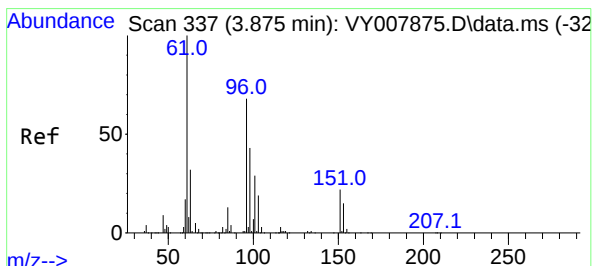
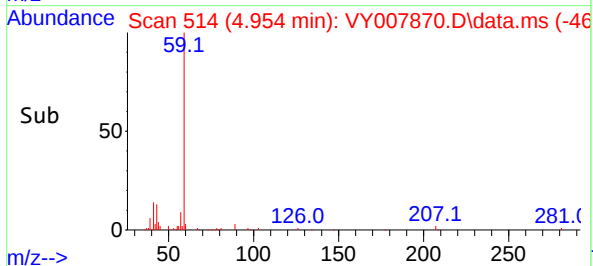
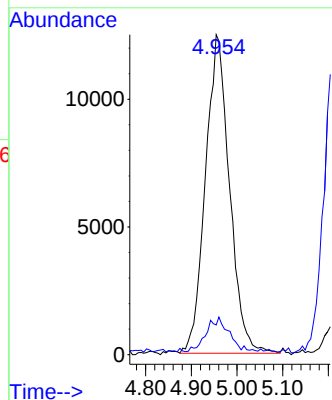
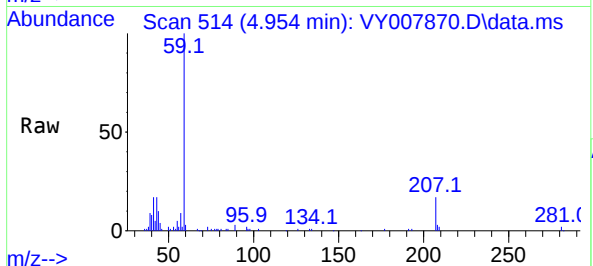
57 10.2 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#12

1,1-Dichloroethene

Concen: 23.158 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY007870.D

Acq: 17 Mar 2022 11:06

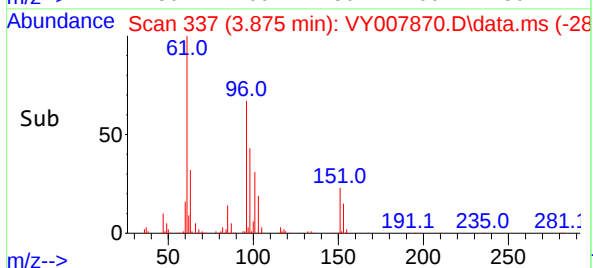
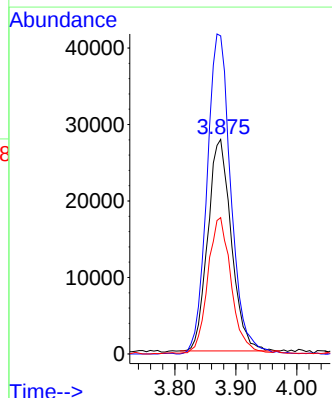
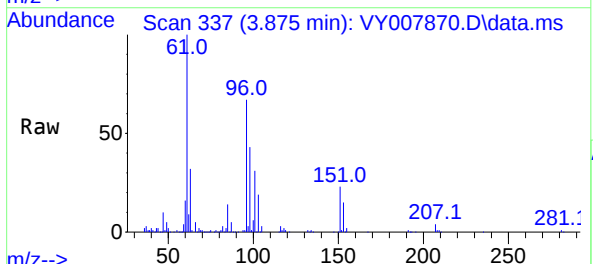
Tgt Ion: 96 Resp: 74226

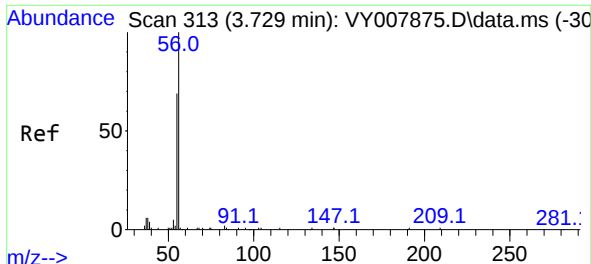
Ion Ratio Lower Upper

96 100

61 150.3 145.8 218.6

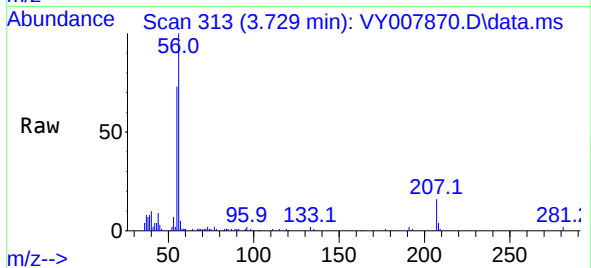
98 64.0 52.5 78.7





#13
Acrolein
Concen: 103.828 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

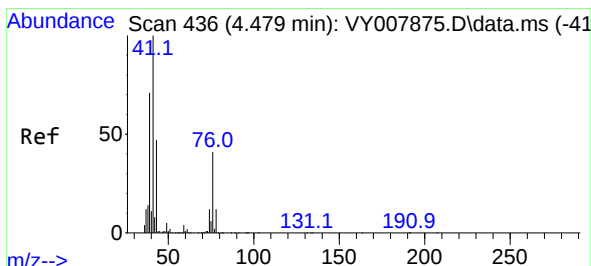
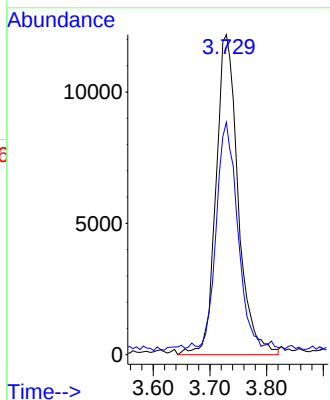
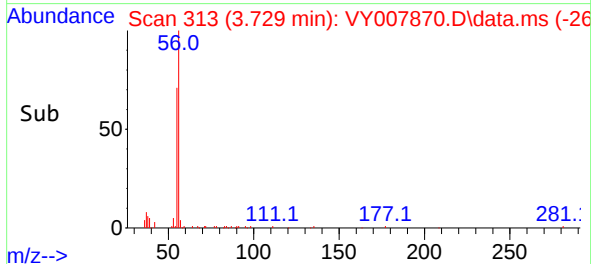
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



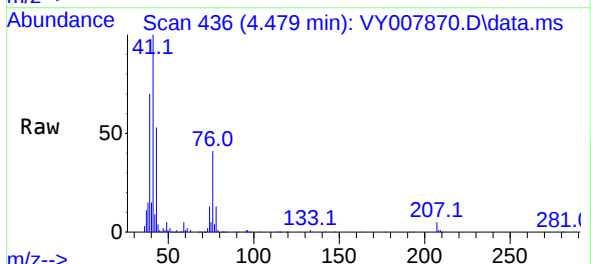
Tgt Ion: 56 Resp: 3301
Ion Ratio Lower Upper
56 100
55 66.6 57.6 86.4

Manual Integrations
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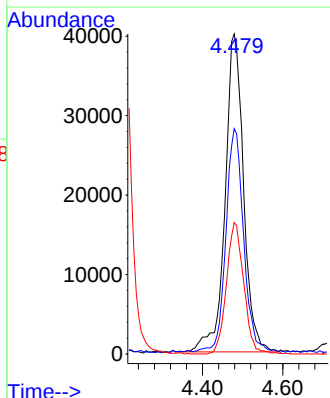
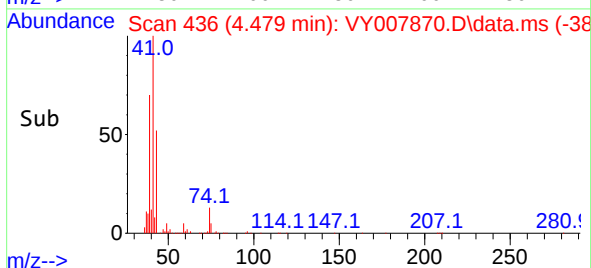
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

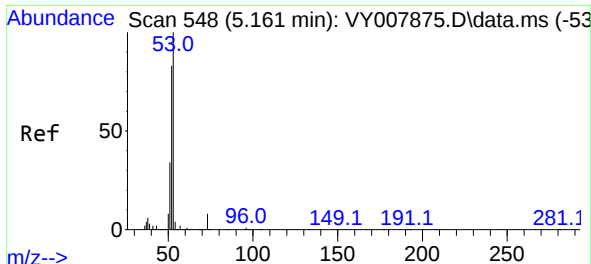


#14
Allyl chloride
Concen: 26.526 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



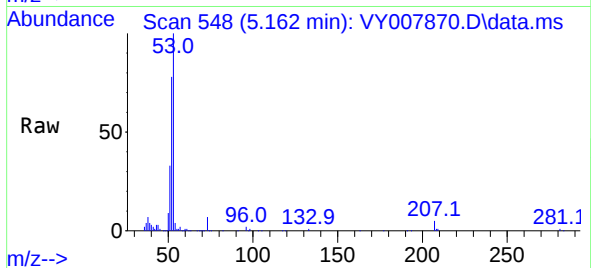
Tgt Ion: 41 Resp: 127880
Ion Ratio Lower Upper
41 100
39 67.6 58.8 88.2
76 38.7 25.1 37.7





#15
Acrylonitrile
Concen: 125.353 ug/l
RT: 5.162 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

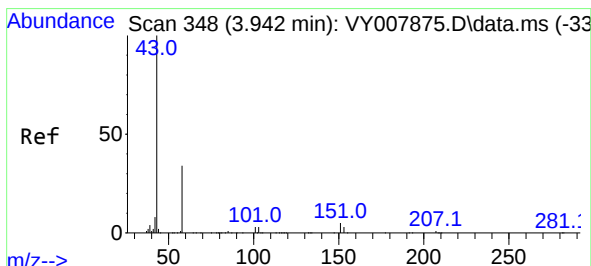
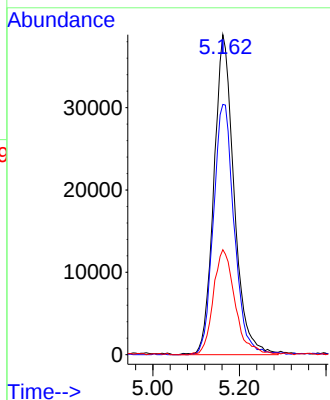
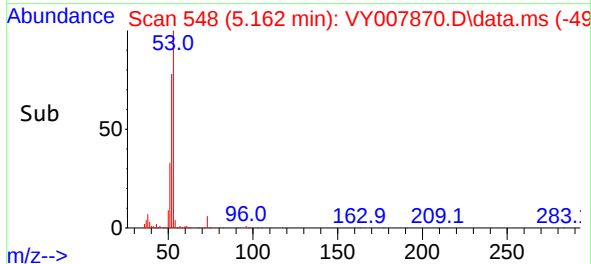
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



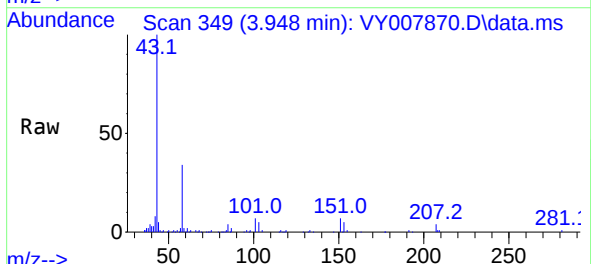
Tgt Ion: 53 Resp: 125960
Ion Ratio Lower Upper
53 100
52 80.8 67.0 100.4
51 35.6 29.8 44.6

Manual Integrations
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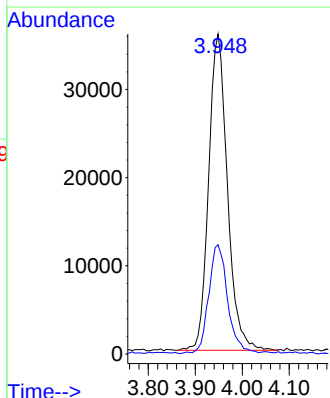
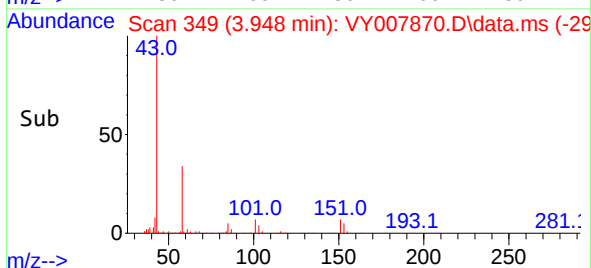
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

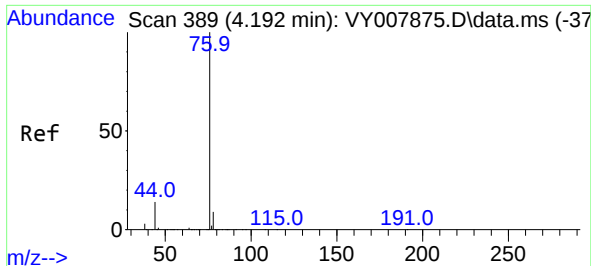


#16
Acetone
Concen: 135.268 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



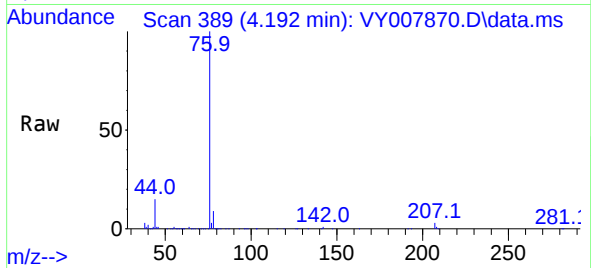
Tgt Ion: 43 Resp: 99432
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0#





#17
Carbon Disulfide
Concen: 21.953 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

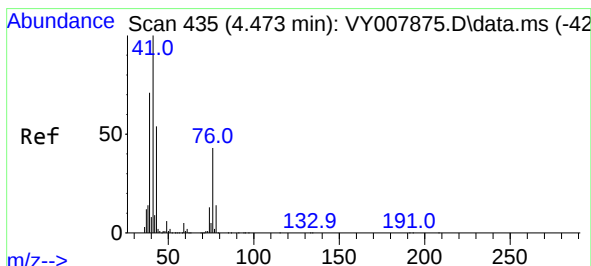
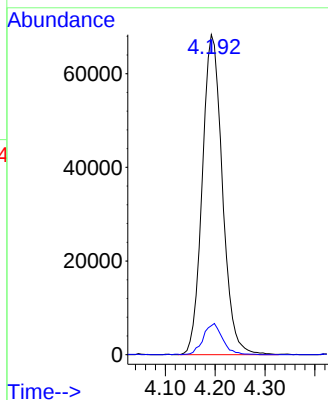
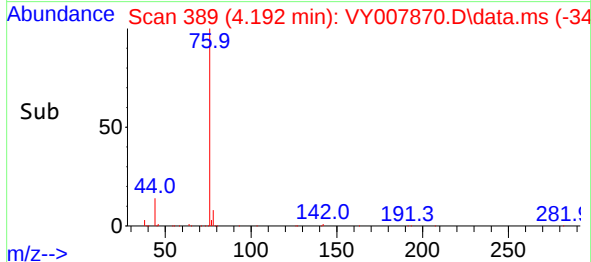
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



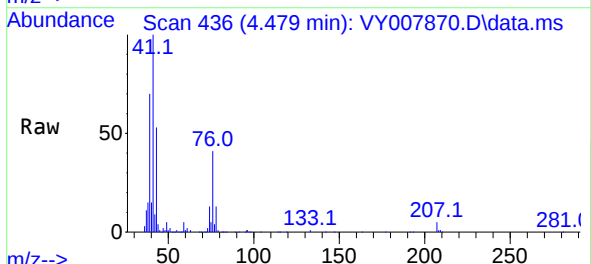
Tgt Ion: 76 Resp: 19168
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

Manual Integrations
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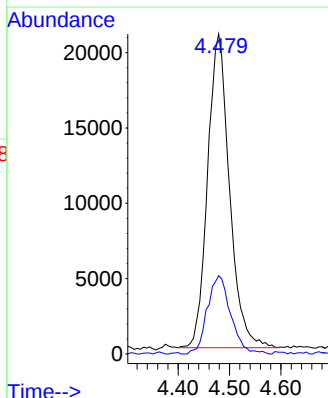
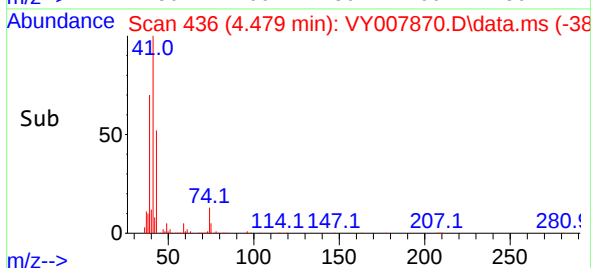
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

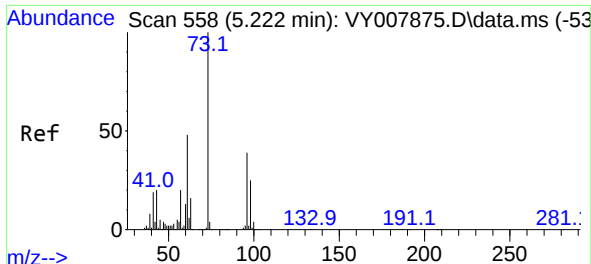


#18
Methyl Acetate
Concen: 24.318 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



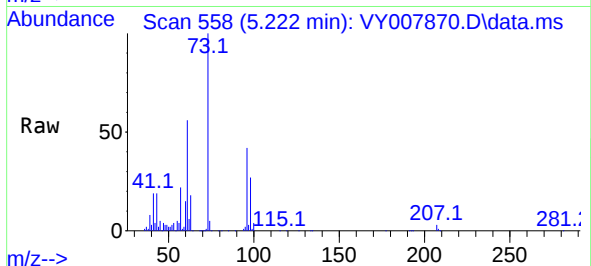
Tgt Ion: 43 Resp: 61575
Ion Ratio Lower Upper
43 100
74 26.6 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 23.313 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

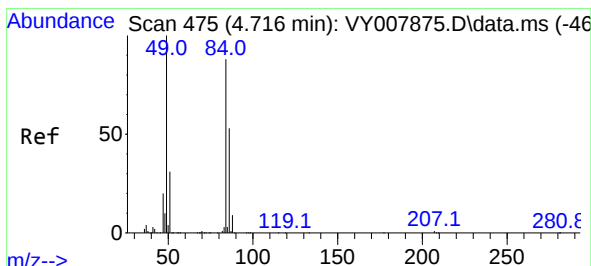
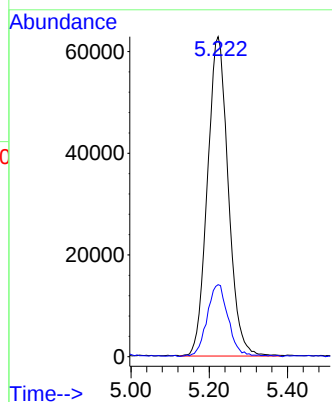
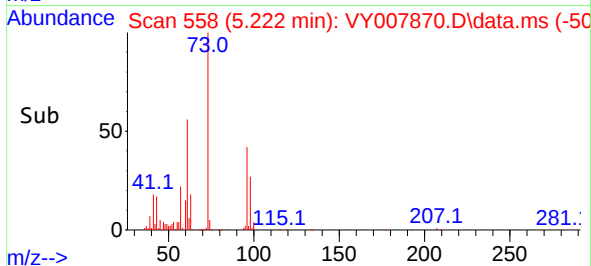
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



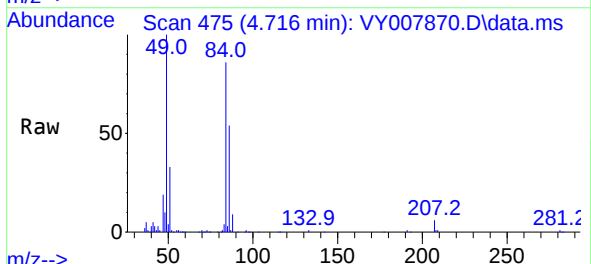
Tgt Ion: 73 Resp: 23190
Ion Ratio Lower Upper
73 100
57 22.4 18.6 27.8

Manual Integrations
APPROVED

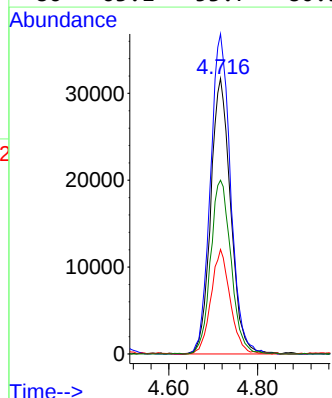
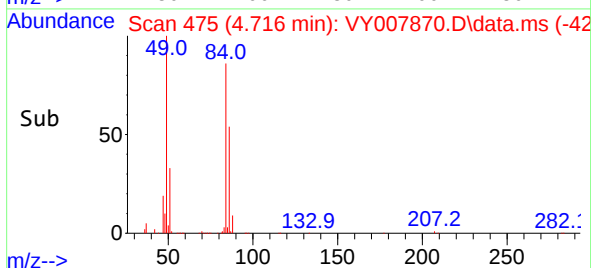
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

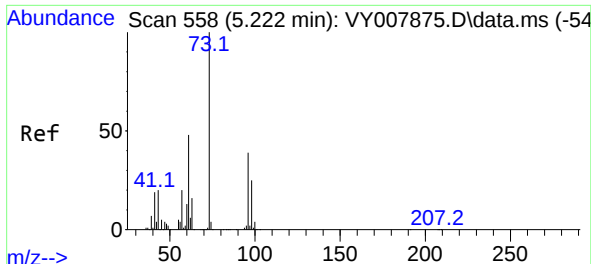


#20
Methylene Chloride
Concen: 24.114 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



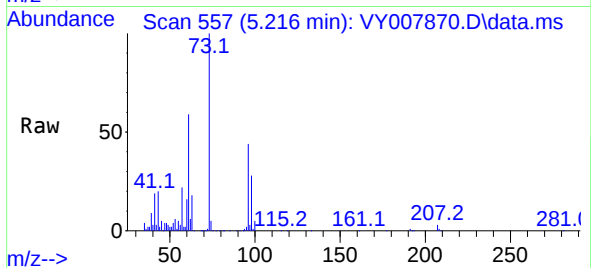
Tgt Ion: 84 Resp: 98620
Ion Ratio Lower Upper
84 100
49 116.2 114.4 171.6
51 37.9 35.3 52.9
86 63.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 22.730 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

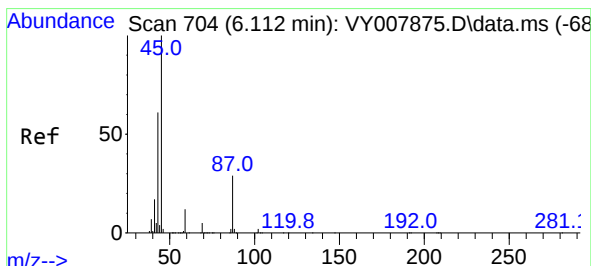
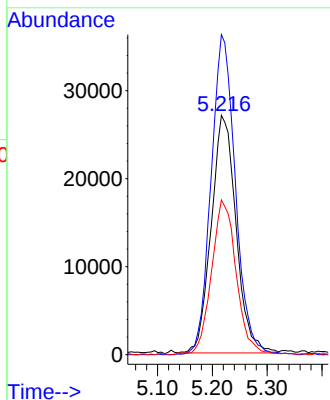
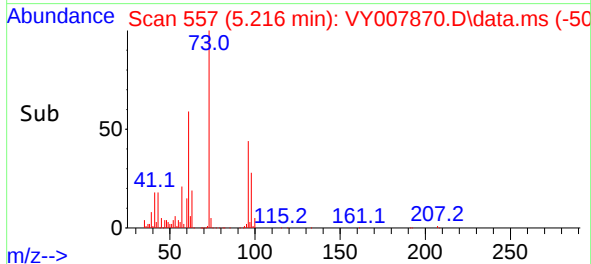
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



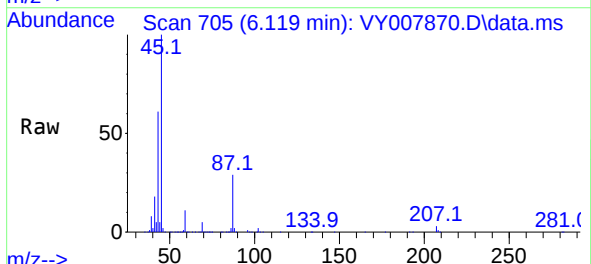
Tgt Ion: 96 Resp: 8500
Ion Ratio Lower Upper
96 100
61 134.4 120.5 180.7
98 64.6 49.8 74.8

Manual Integrations
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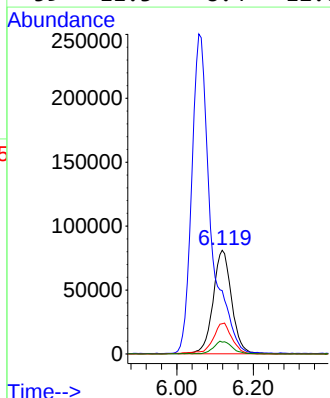
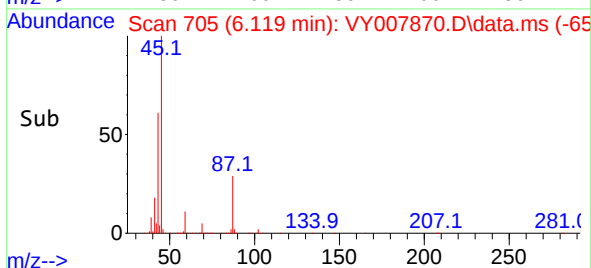
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

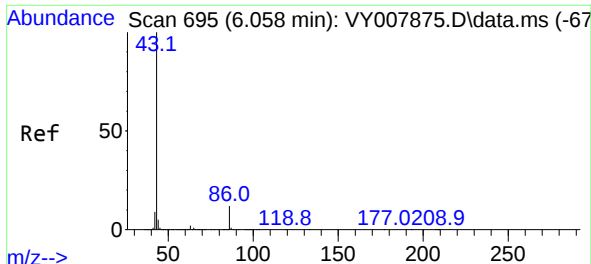


#22
Diisopropyl ether
Concen: 23.529 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



Tgt Ion: 45 Resp: 270981
Ion Ratio Lower Upper
45 100
43 60.6 49.3 73.9
87 29.2 19.2 28.8#
59 11.3 8.4 12.6





#23
 Vinyl Acetate
 Concen: 117.889 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY007870.D
 Acq: 17 Mar 2022 11:06

Instrument :

MSVOA_Y

ClientSampleId :

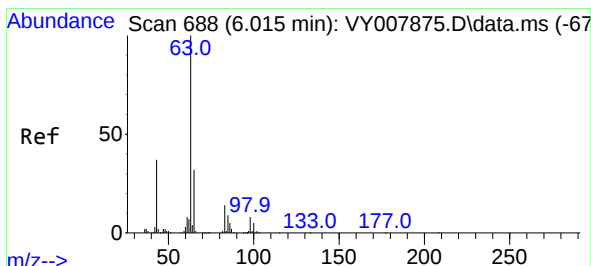
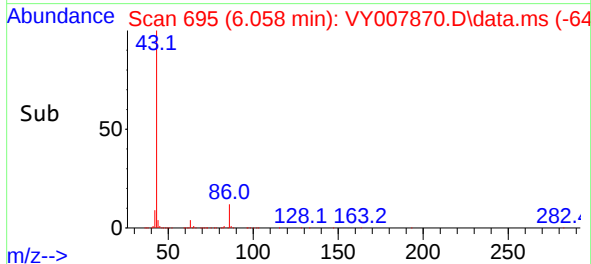
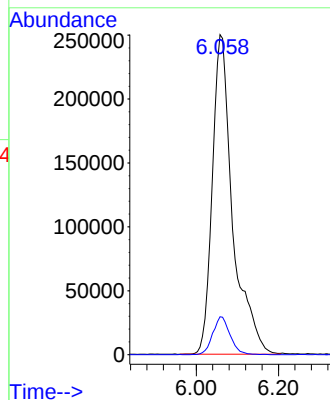
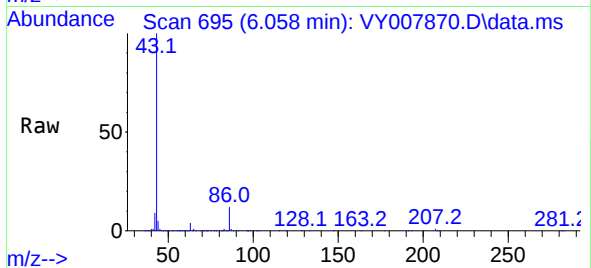
VSTDICC020

Tgt Ion: 43 Resp: 858608
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.1 10.7

Manual Integrations

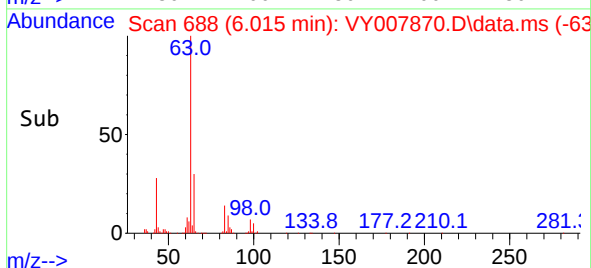
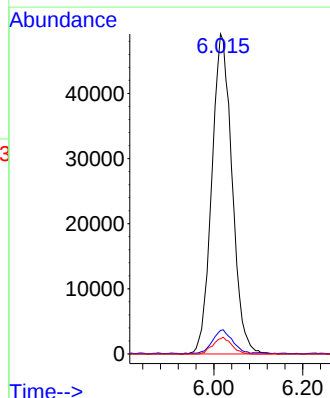
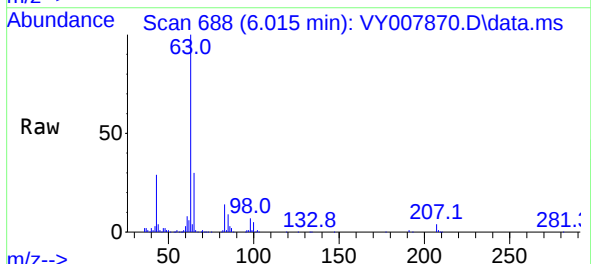
APPROVED

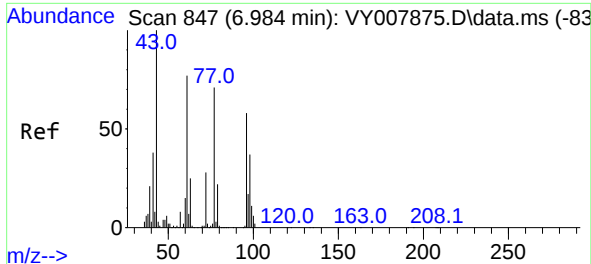
Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#24
 1,1-Dichloroethane
 Concen: 22.335 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY007870.D
 Acq: 17 Mar 2022 11:06

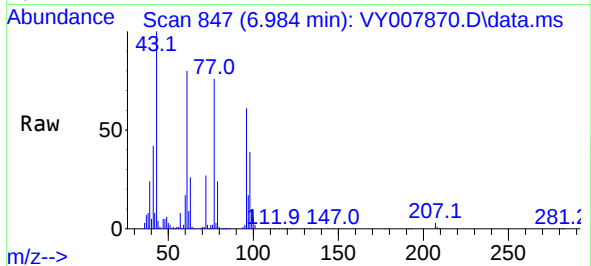
Tgt Ion: 63 Resp: 155421
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.8 2.0 5.8





#25
2-Butanone
Concen: 133.752 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

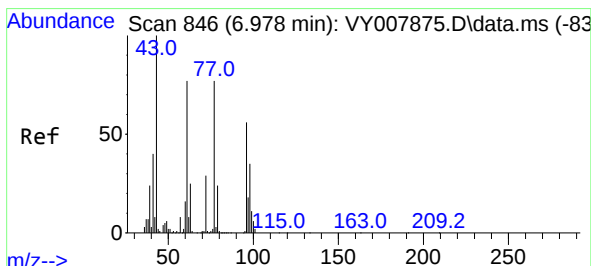
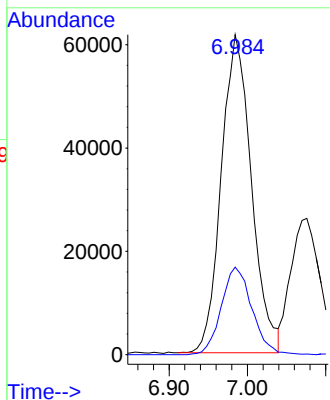
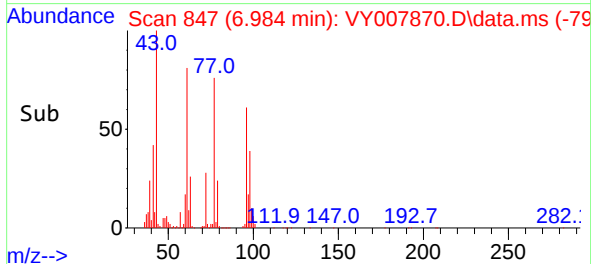
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



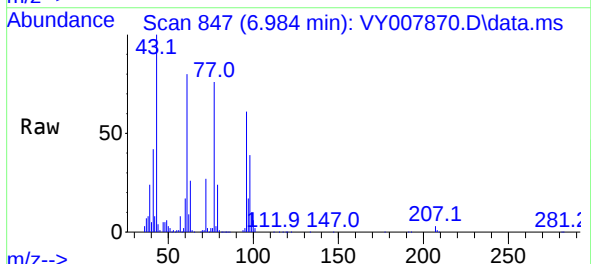
Tgt Ion: 43 Resp: 16493
Ion Ratio Lower Upper
43 100
72 27.5 17.7 26.5

Manual Integrations
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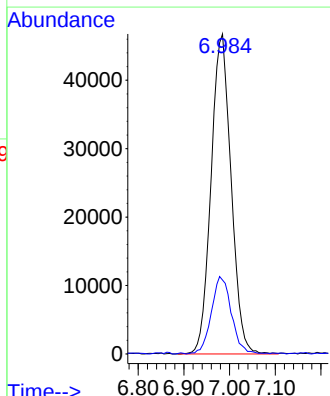
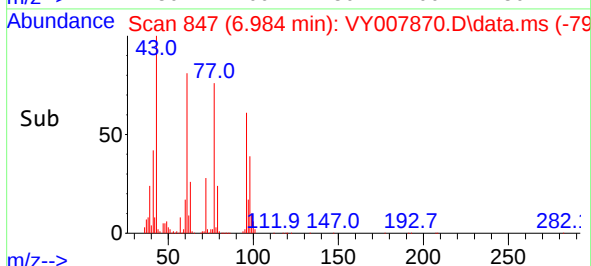
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

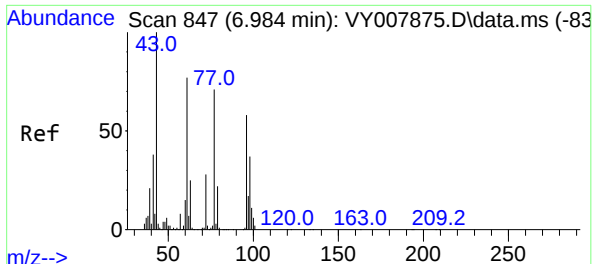


#26
2,2-Dichloropropane
Concen: 22.985 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



Tgt Ion: 77 Resp: 142336
Ion Ratio Lower Upper
77 100
97 24.2 10.4 31.4





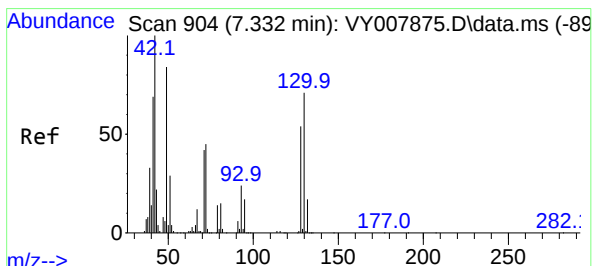
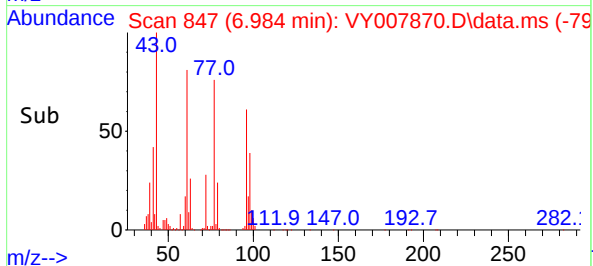
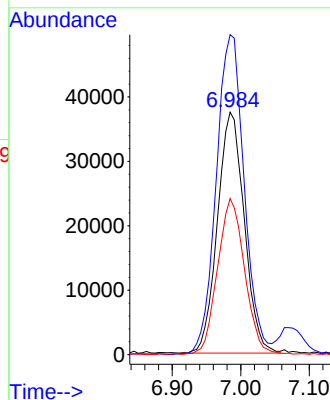
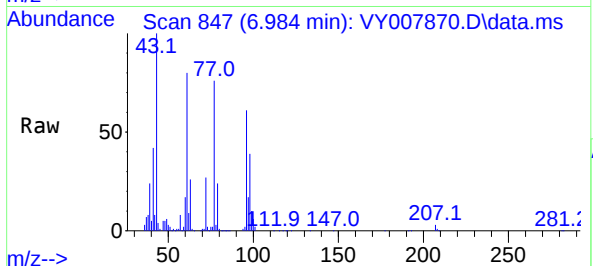
#27
cis-1,2-Dichloroethene
Concen: 23.143 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 10149
Ion Ratio Lower Upper
96 100
61 139.0 0.0 319.8
98 65.0 0.0 127.0

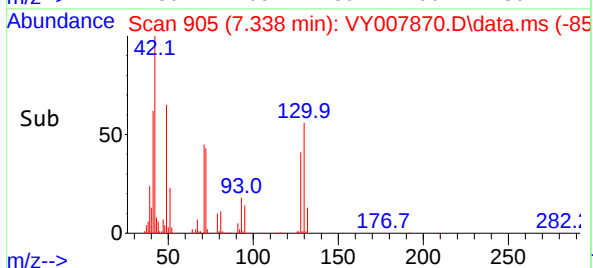
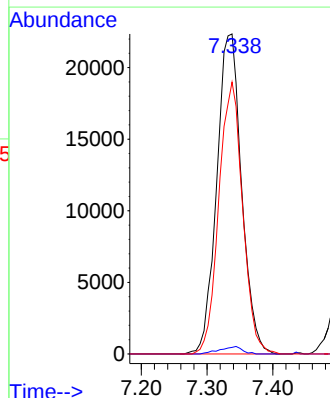
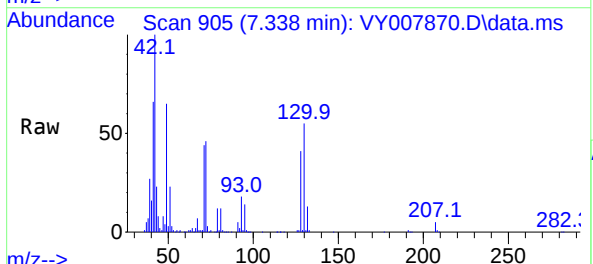
Manual Integrations
APPROVED

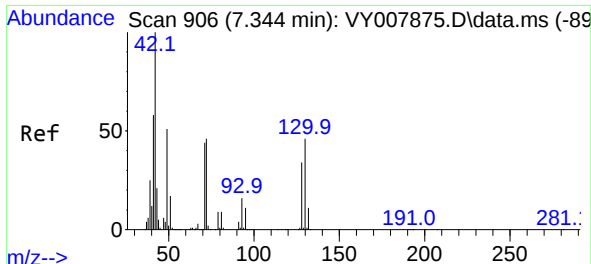
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#28
Bromochloromethane
Concen: 19.853 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Tgt Ion: 49 Resp: 58752
Ion Ratio Lower Upper
49 100
129 2.1 0.0 2.2
130 81.2 55.4 83.0





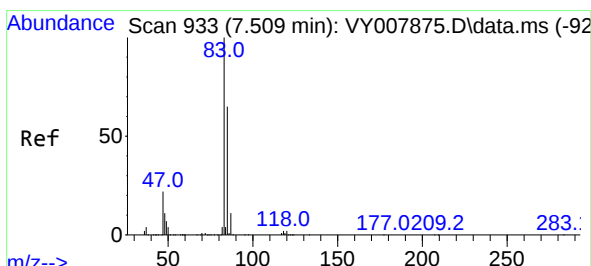
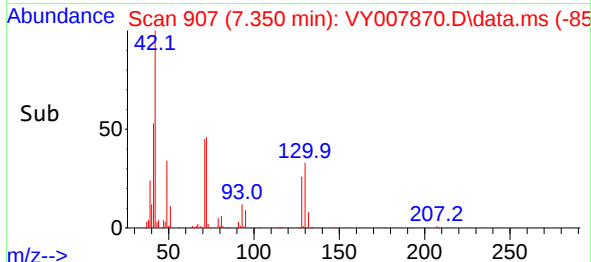
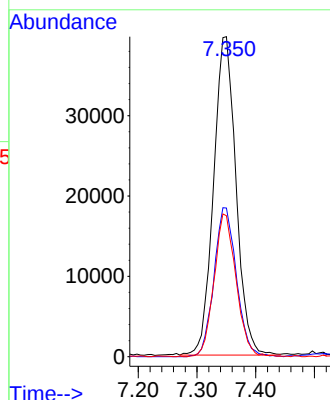
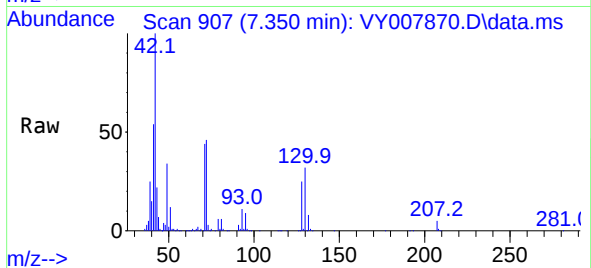
#29
Tetrahydrofuran
Concen: 124.835 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 42 Resp: 105328
Ion Ratio Lower Upper
42 100
72 46.8 30.3 45.5
71 44.0 29.0 43.4

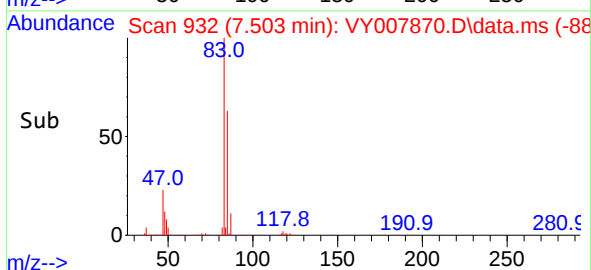
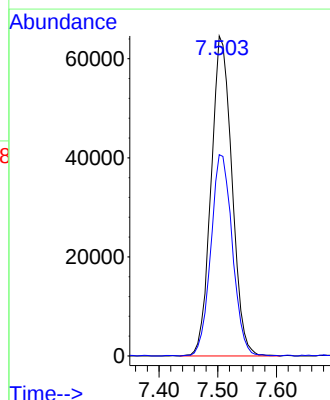
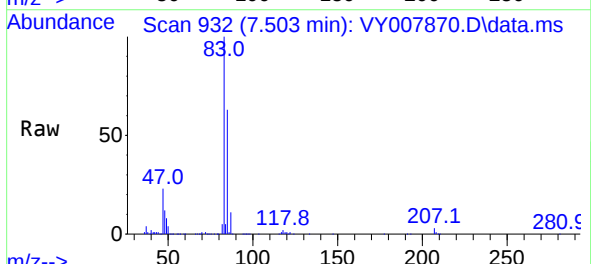
Manual Integrations
APPROVED

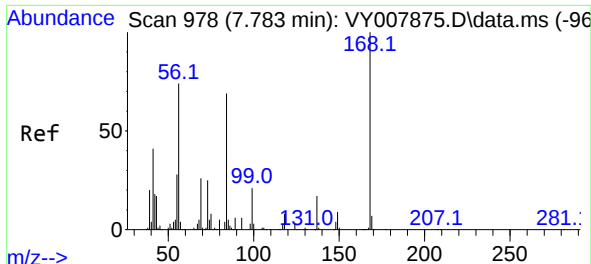
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#30
Chloroform
Concen: 22.070 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

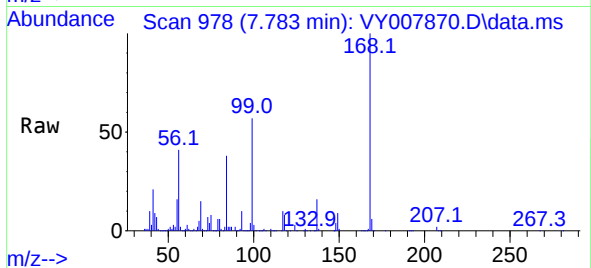
Tgt Ion: 83 Resp: 159111
Ion Ratio Lower Upper
83 100
85 62.9 51.8 77.6





#31
Cyclohexane
Concen: 22.894 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

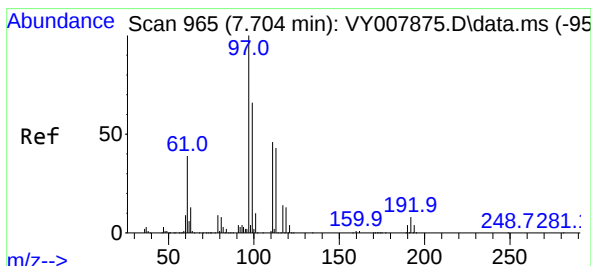
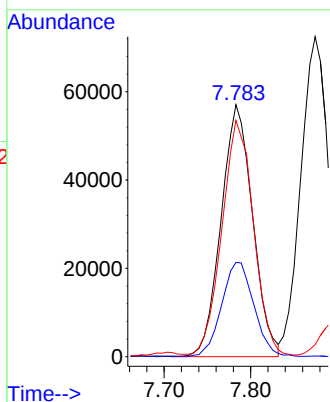
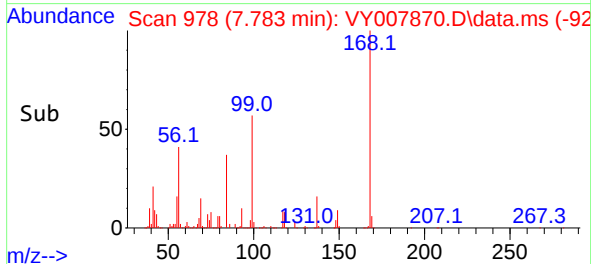
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



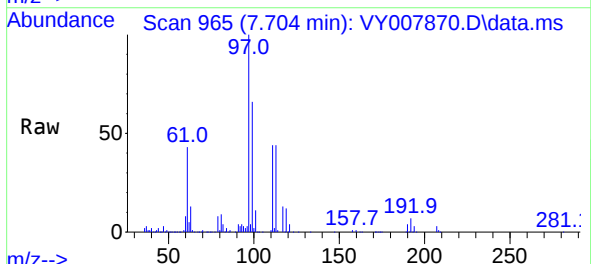
Tgt Ion: 56 Resp: 144549
Ion Ratio Lower Upper
56 100
69 37.2 26.7 40.1
84 92.7 67.2 100.8

Manual Integrations
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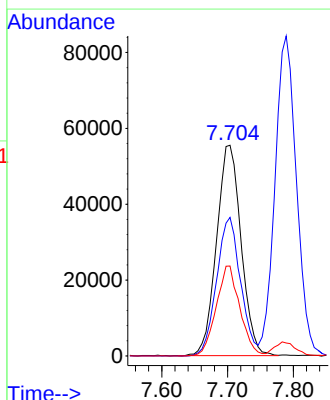
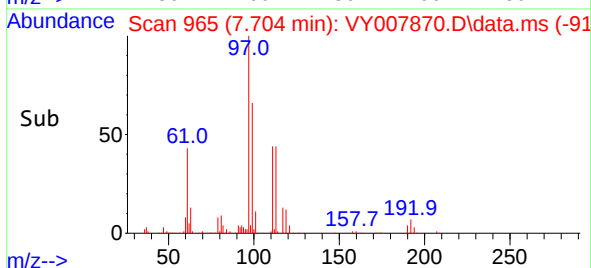
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

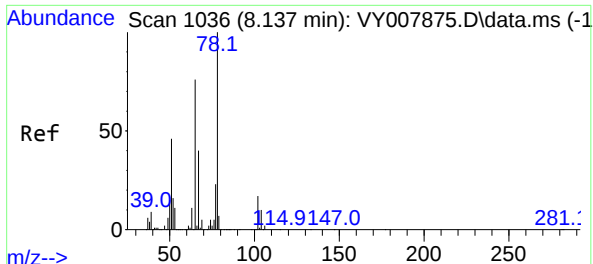


#32
1,1,1-Trichloroethane
Concen: 22.498 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



Tgt Ion: 97 Resp: 144348
Ion Ratio Lower Upper
97 100
99 64.3 50.7 76.1
61 41.2 37.6 56.4





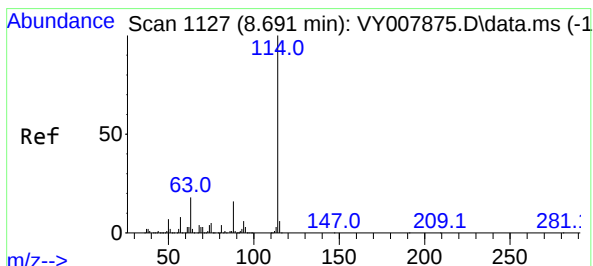
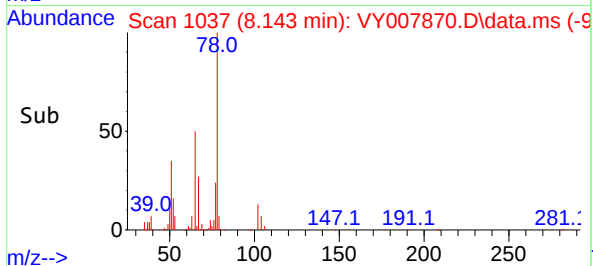
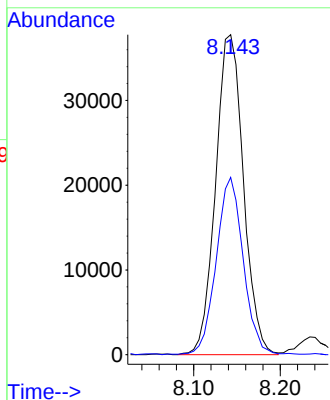
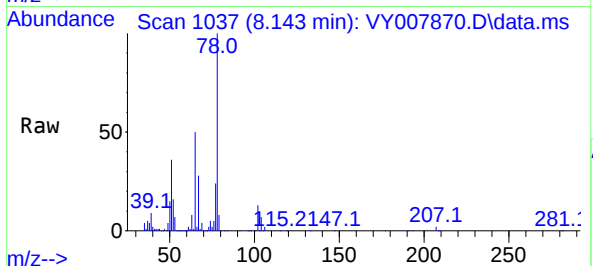
#33
1,2-Dichloroethane-d4
Concen: 23.366 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 8443
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4

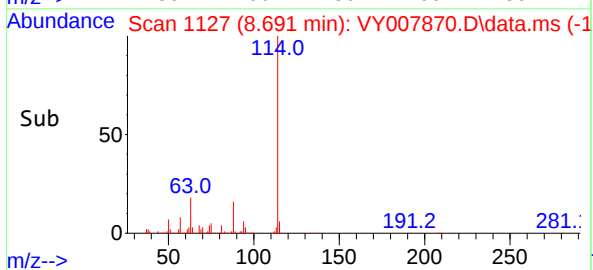
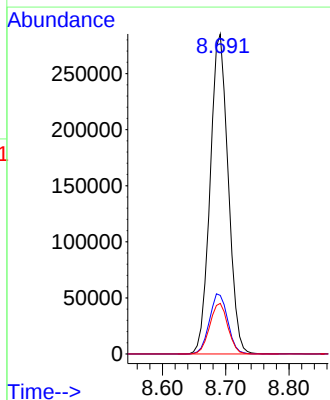
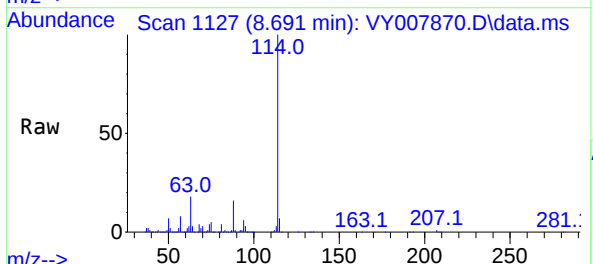
Manual Integrations
APPROVED

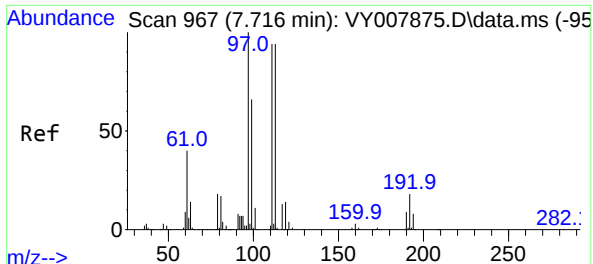
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Tgt Ion:114 Resp: 562629
Ion Ratio Lower Upper
114 100
63 18.3 0.0 43.2
88 15.8 0.0 31.8





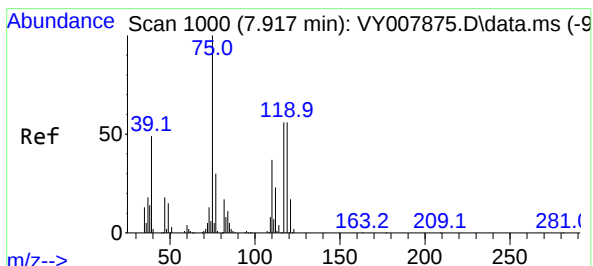
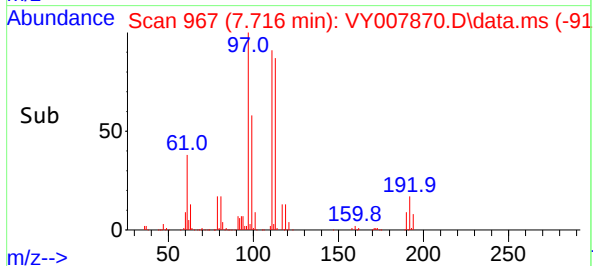
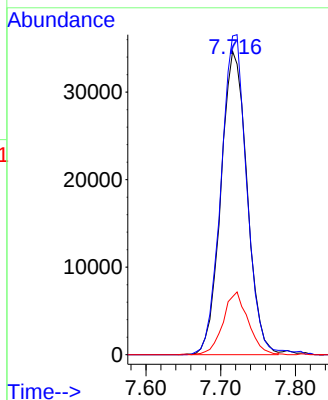
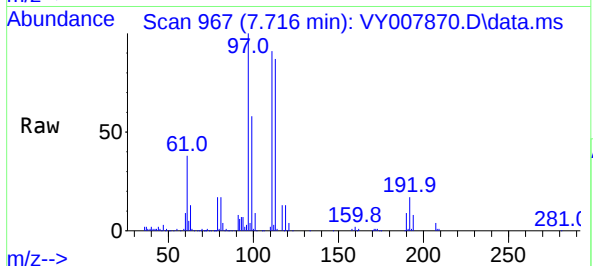
#35
Dibromofluoromethane
Concen: 23.433 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 113 Resp: 84290
Ion Ratio Lower Upper
113 100
111 104.5 82.6 124.0
192 19.9 17.6 26.4

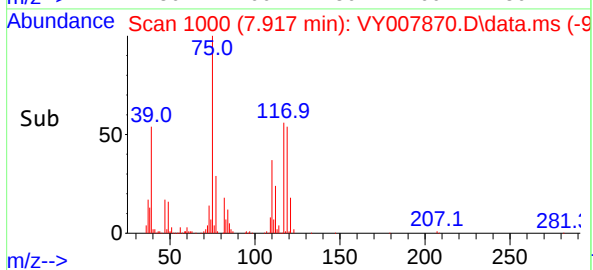
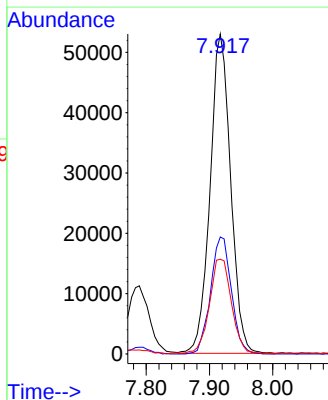
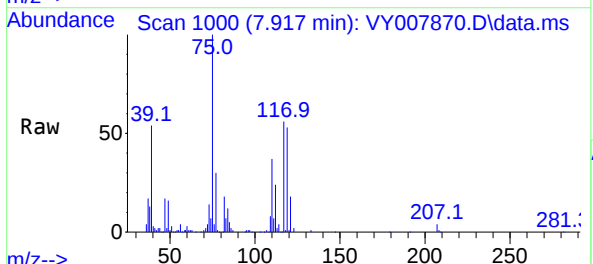
Manual Integrations
APPROVED

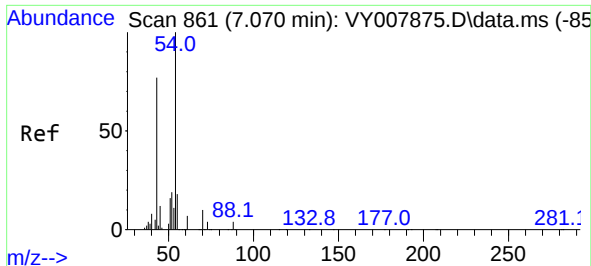
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#36
1,1-Dichloropropene
Concen: 21.136 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

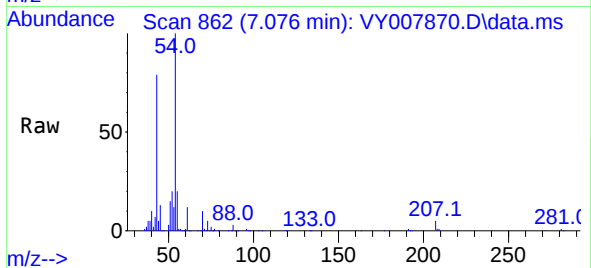
Tgt Ion: 75 Resp: 119598
Ion Ratio Lower Upper
75 100
110 37.0 17.1 51.2
77 32.0 24.4 36.6





#37
Ethyl Acetate
Concen: 22.436 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

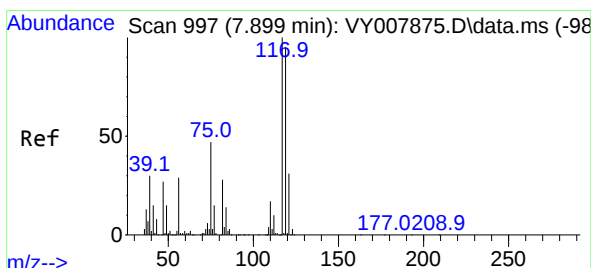
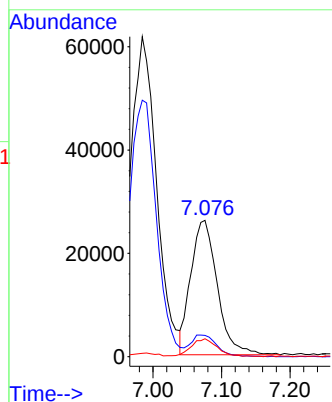
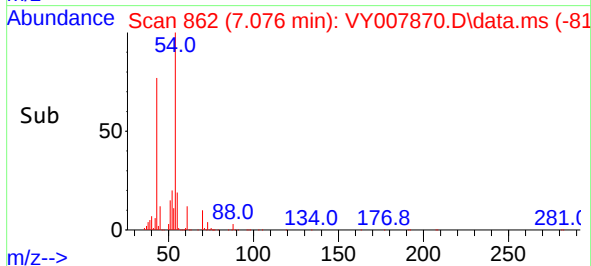
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 70119
Ion Ratio Lower Upper
43 100
61 15.7 9.7 14.5
70 13.4 7.1 10.7

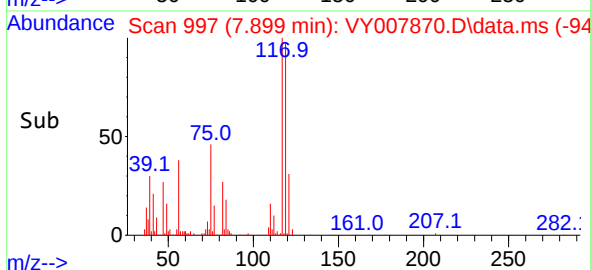
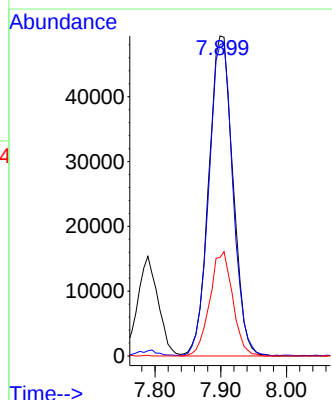
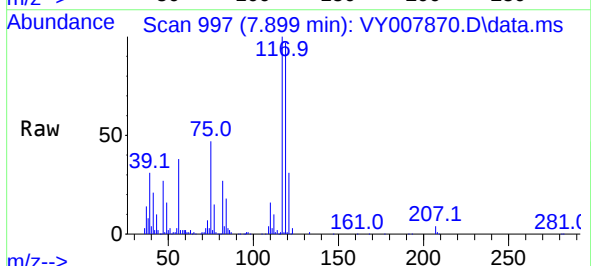
Manual Integrations
APPROVED

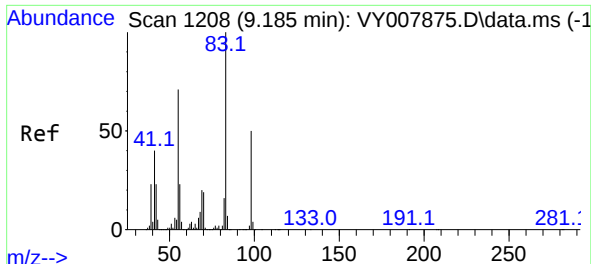
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#38
Carbon Tetrachloride
Concen: 20.958 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Tgt Ion:117 Resp: 126504
Ion Ratio Lower Upper
117 100
119 97.2 77.9 116.9
121 30.8 24.8 37.2





#39

Methylcyclohexane

Concen: 22.393 ug/l

RT: 9.185 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY007870.D

Acq: 17 Mar 2022 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 155729

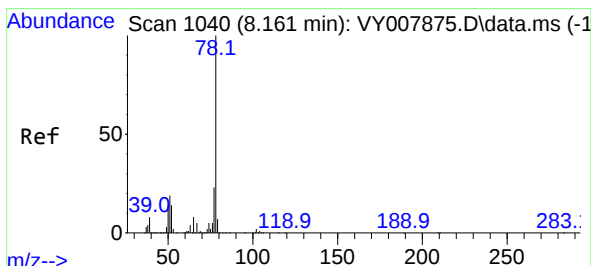
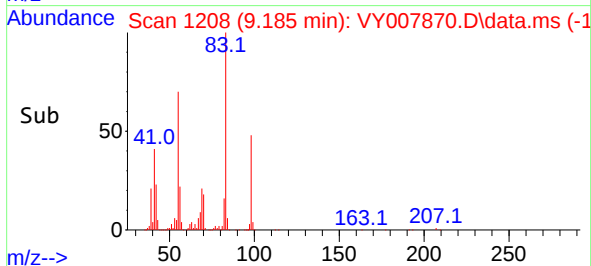
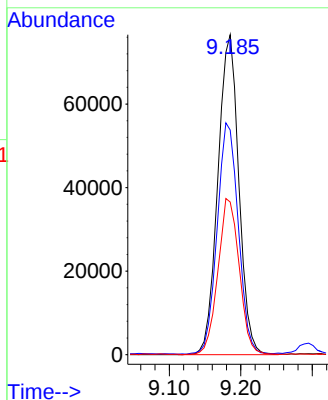
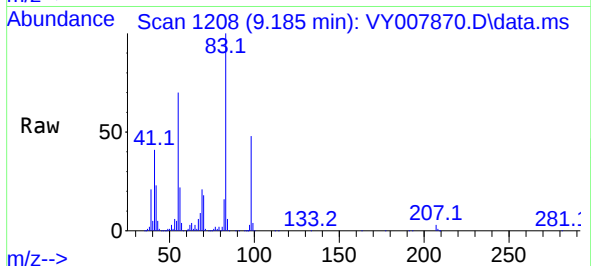
Ion	Ratio	Lower	Upper
83	100		
55	70.1	66.5	99.7
98	47.6	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#40

Benzene

Concen: 22.060 ug/l

RT: 8.155 min Scan# 1039

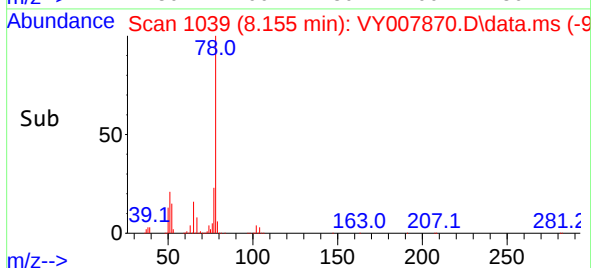
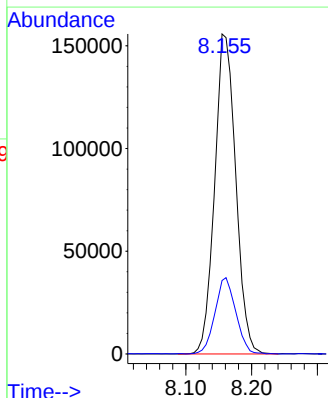
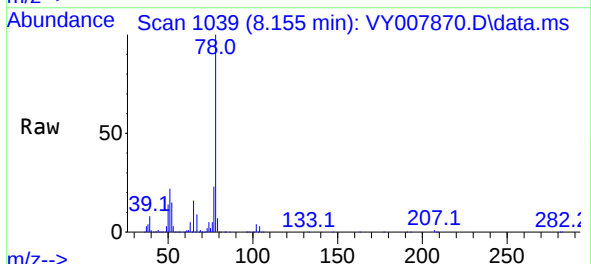
Delta R.T. -0.006 min

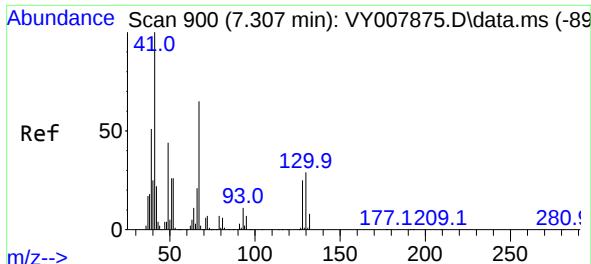
Lab File: VY007870.D

Acq: 17 Mar 2022 11:06

Tgt Ion: 78 Resp: 347398

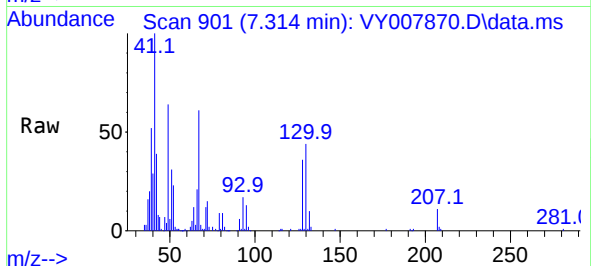
Ion	Ratio	Lower	Upper
78	100		
77	22.9	20.4	30.6





#41
Methacrylonitrile
Concen: 28.878 ug/l m
RT: 7.314 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

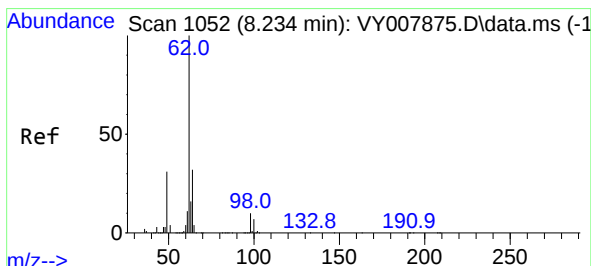
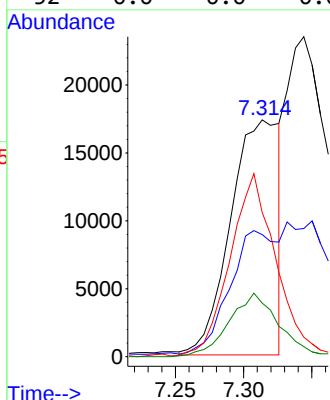
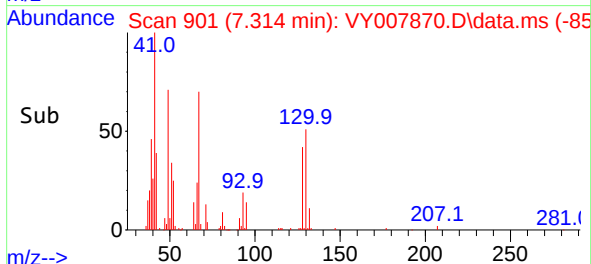
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 43129
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

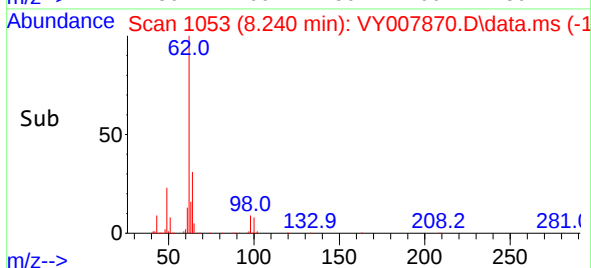
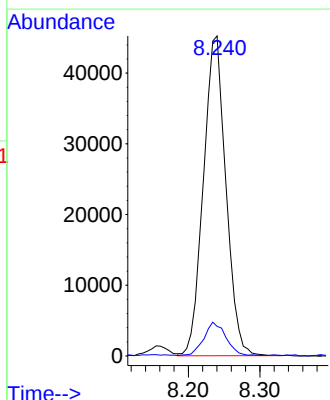
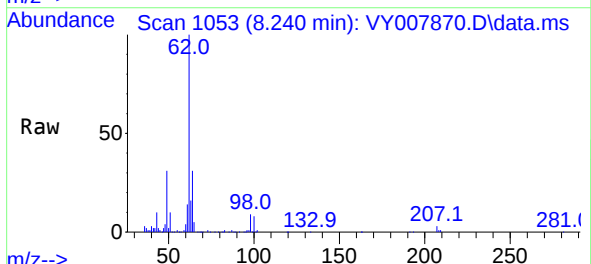
Manual Integrations
APPROVED

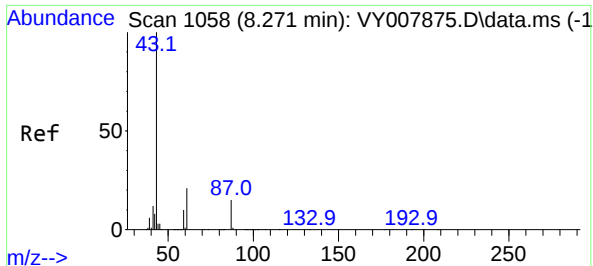
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#42
1,2-Dichloroethane
Concen: 20.108 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

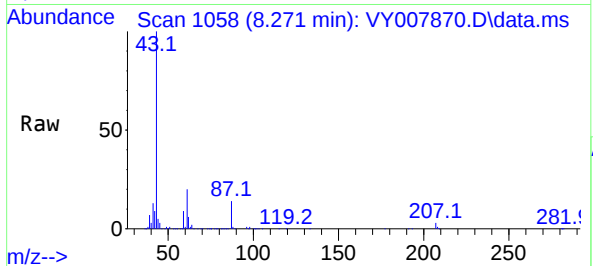
Tgt Ion: 62 Resp: 98809
Ion Ratio Lower Upper
62 100
98 10.4 0.0 14.8





#43
Isopropyl Acetate
Concen: 24.054 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

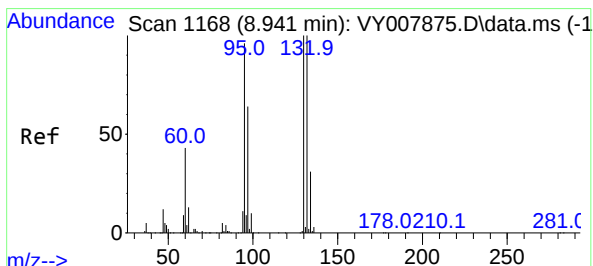
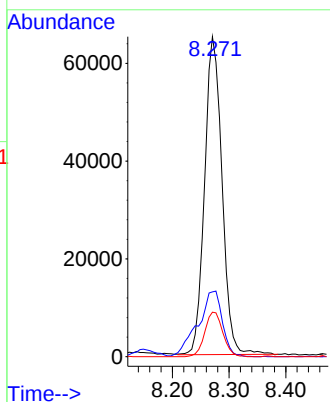
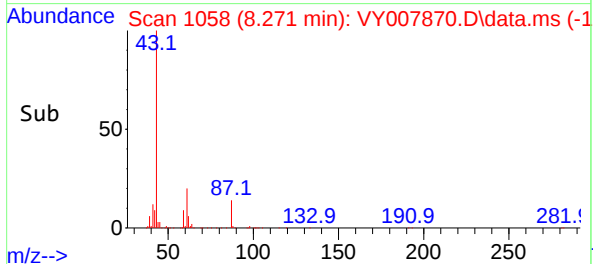
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 139020
Ion Ratio Lower Upper
43 100
61 28.9 20.2 30.2
87 14.5 8.9 13.3

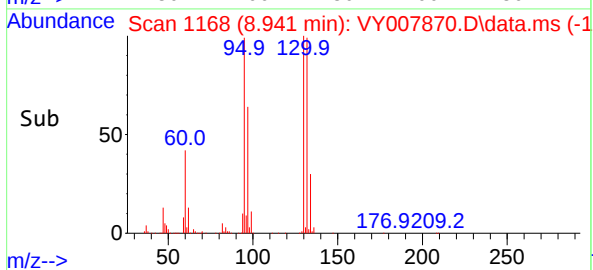
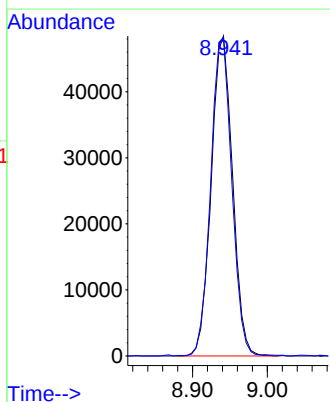
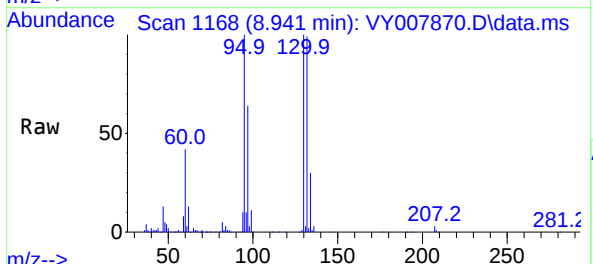
Manual Integrations
APPROVED

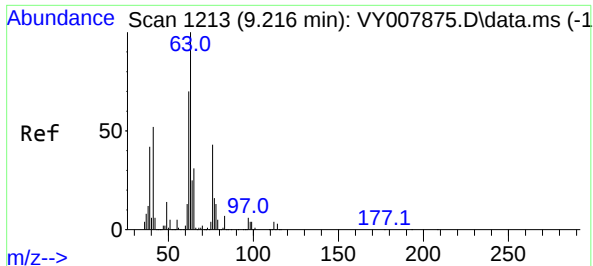
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#44
Trichloroethene
Concen: 21.964 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Tgt Ion:130 Resp: 96063
Ion Ratio Lower Upper
130 100
95 99.4 0.0 188.2





#45

1,2-Dichloropropane

Concen: 22.195 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007870.D

Acq: 17 Mar 2022 11:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 90380

Ion Ratio Lower Upper

63 100

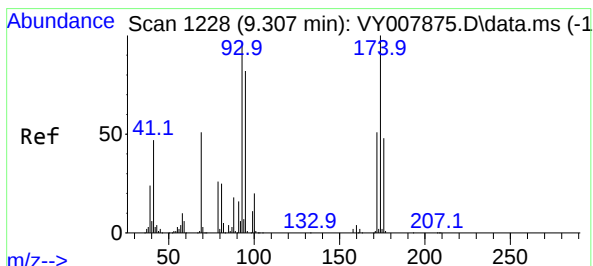
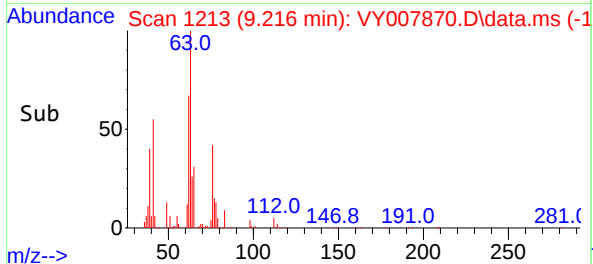
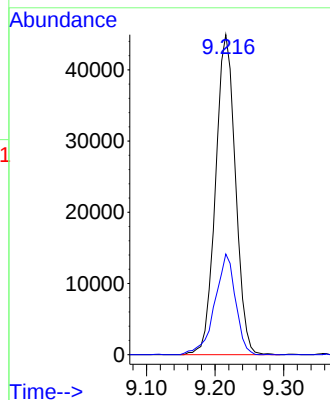
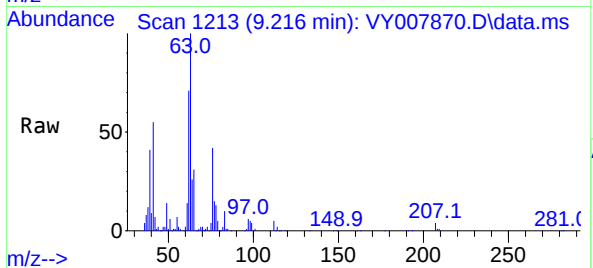
65 31.4 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#46

Dibromomethane

Concen: 21.123 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY007870.D

Acq: 17 Mar 2022 11:06

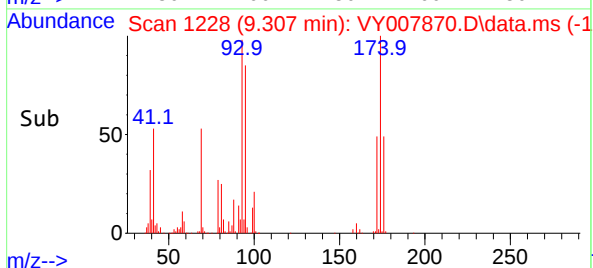
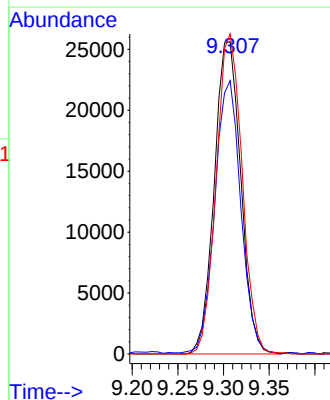
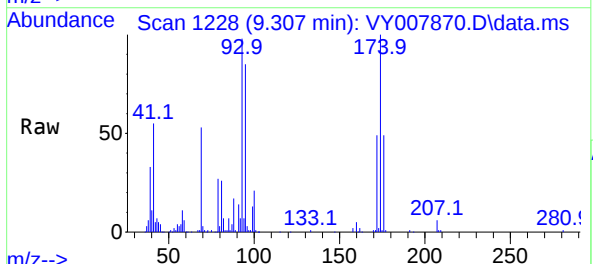
Tgt Ion: 93 Resp: 51635

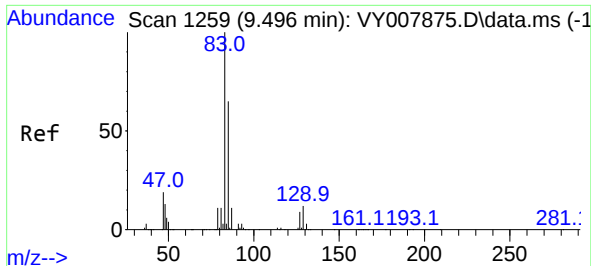
Ion Ratio Lower Upper

93 100

95 86.3 64.3 96.5

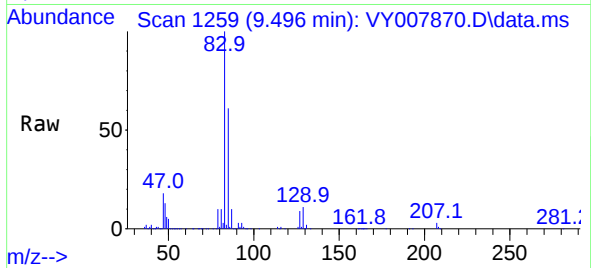
174 100.1 83.4 125.0





#47
Bromodichloromethane
Concen: 21.850 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

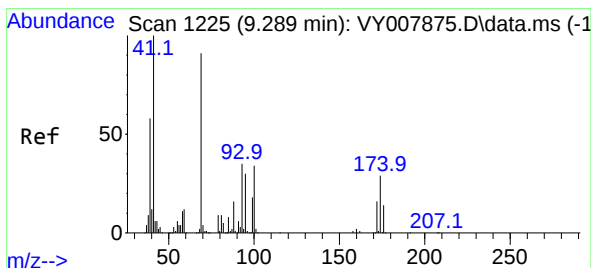
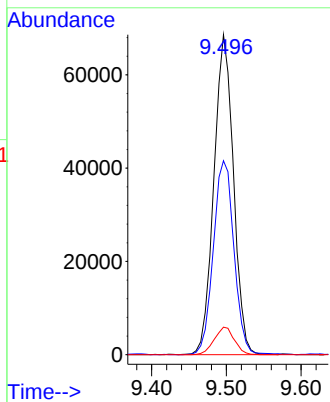
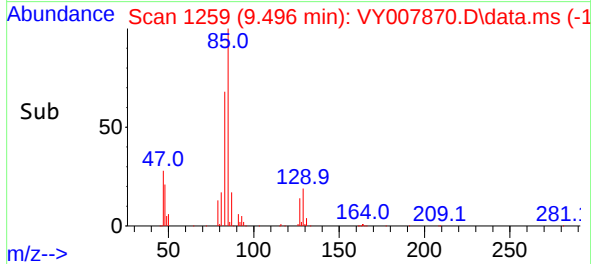
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 12528
Ion Ratio Lower Upper
83 100
85 60.6 51.9 77.9
127 8.6 6.6 10.0

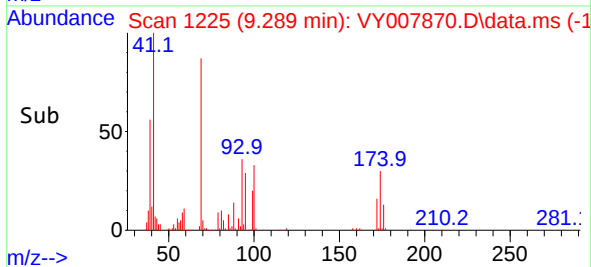
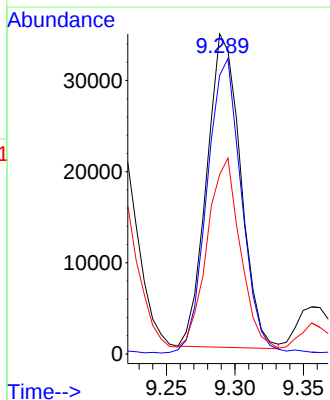
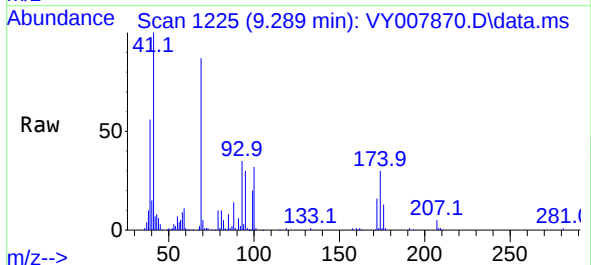
Manual Integrations
APPROVED

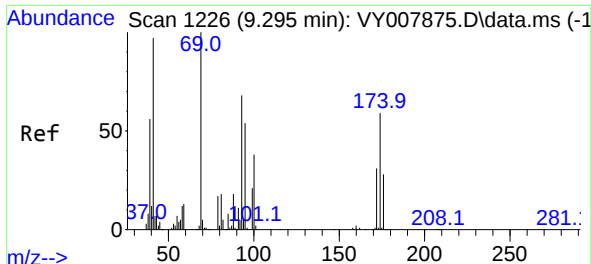
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#48
Methyl methacrylate
Concen: 23.597 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

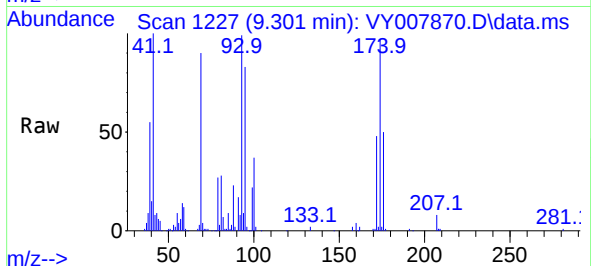
Tgt Ion: 41 Resp: 59117
Ion Ratio Lower Upper
41 100
69 95.5 58.2 87.2#
39 59.3 47.4 71.0





#49
1,4-Dioxane
Concen: 534.901 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

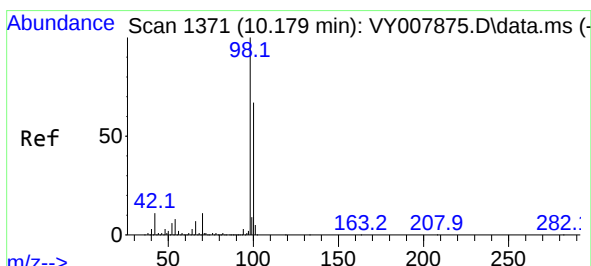
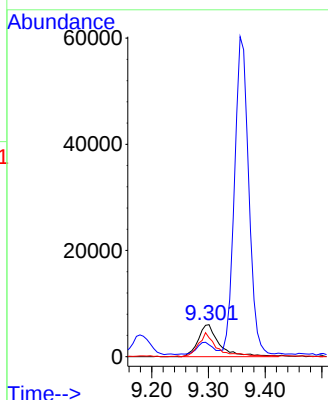
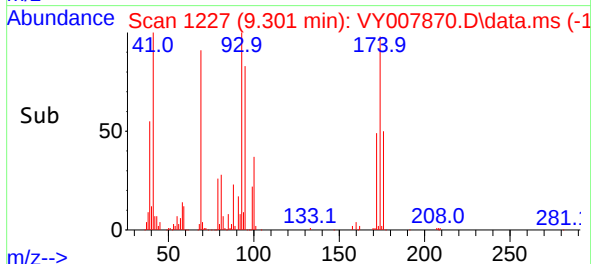
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 88 Resp: 15780
Ion Ratio Lower Upper
88 100
43 27.3 32.8 49.2
58 65.9 59.8 89.6

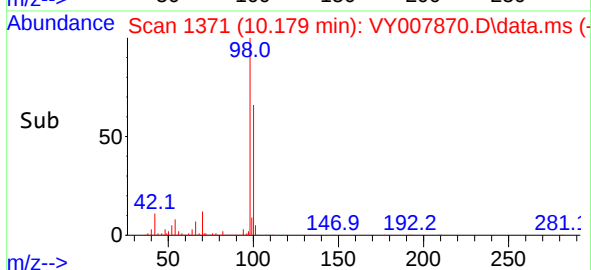
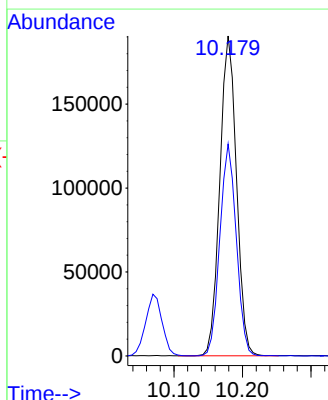
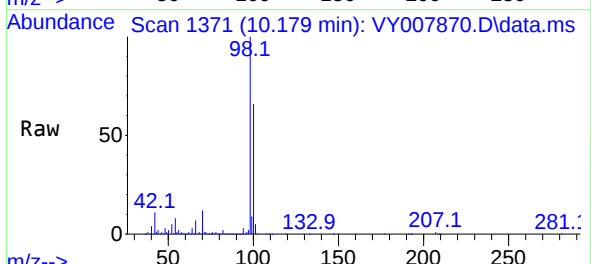
Manual Integrations
APPROVED

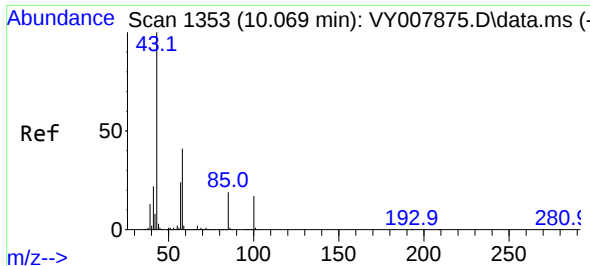
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#50
Toluene-d8
Concen: 24.234 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

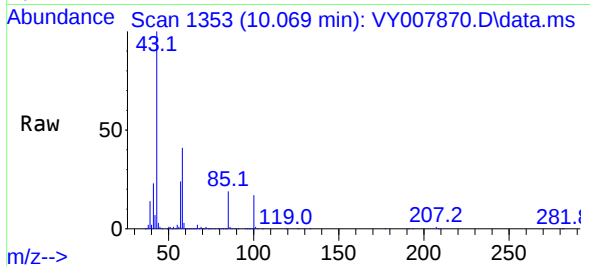
Tgt Ion: 98 Resp: 320883
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 116.858 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

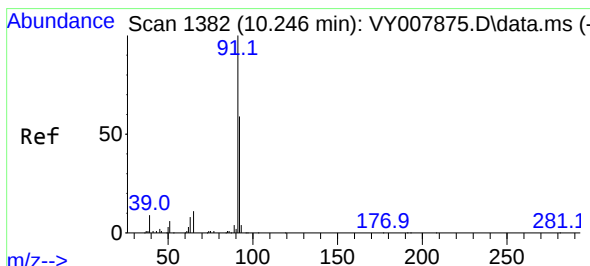
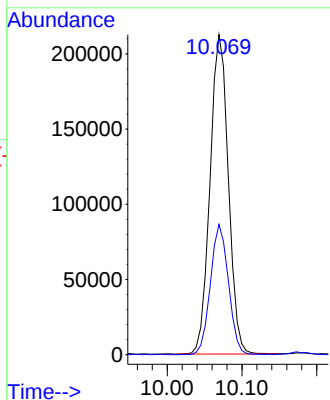
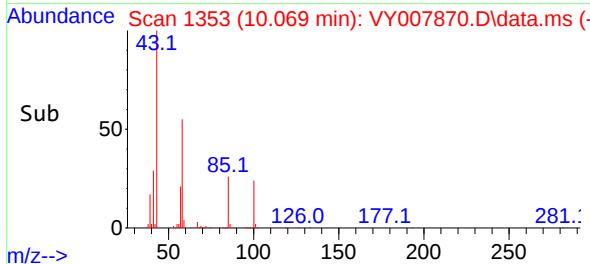
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



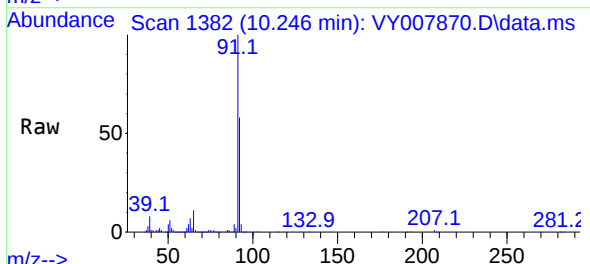
Tgt Ion: 43 Resp: 361390
Ion Ratio Lower Upper
43 100
58 40.2 28.1 42.1

Manual Integrations
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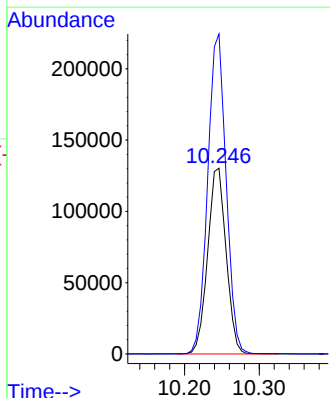
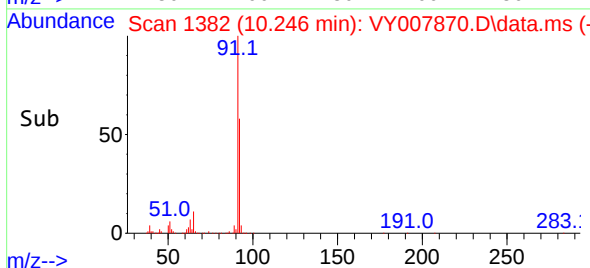
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

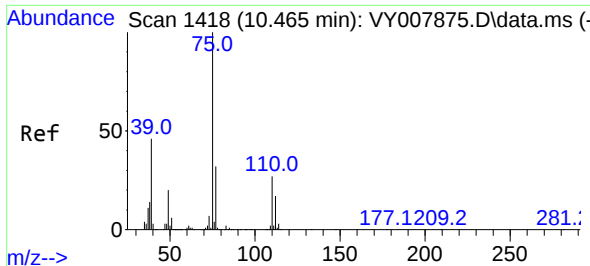


#52
Toluene
Concen: 21.988 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



Tgt Ion: 92 Resp: 223895
Ion Ratio Lower Upper
92 100
91 171.9 142.6 213.8





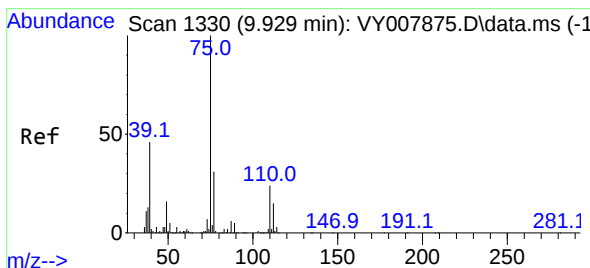
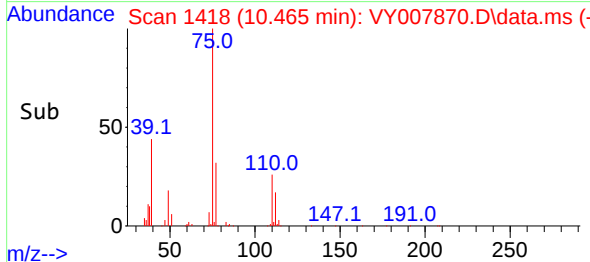
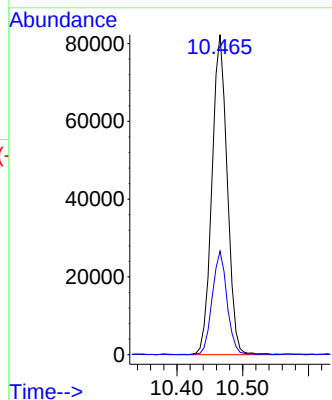
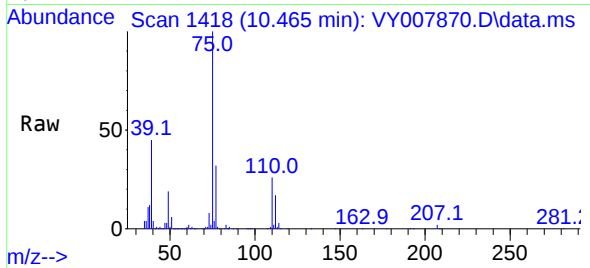
#53
t-1,3-Dichloropropene
Concen: 22.599 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 13303
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2

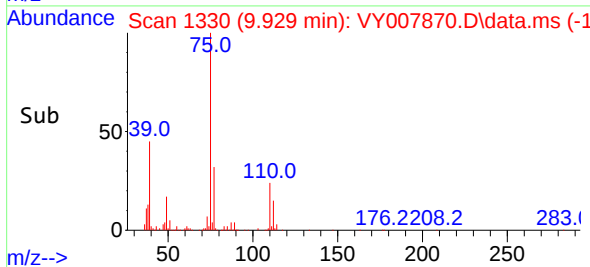
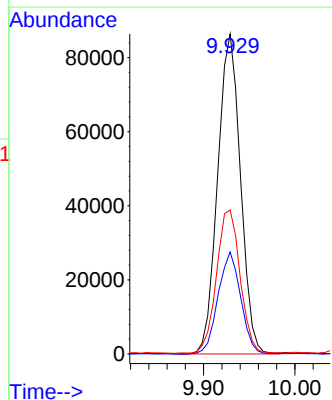
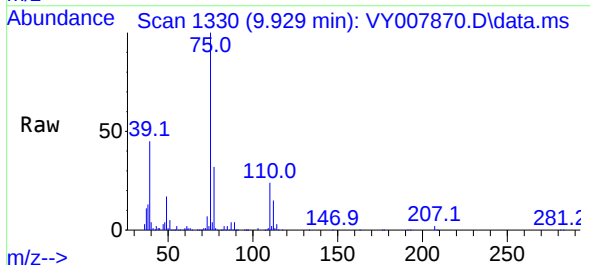
Manual Integrations
APPROVED

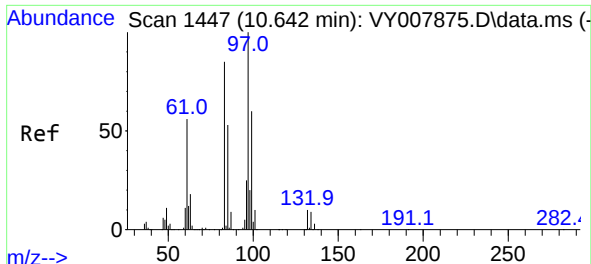
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#54
cis-1,3-Dichloropropene
Concen: 23.048 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

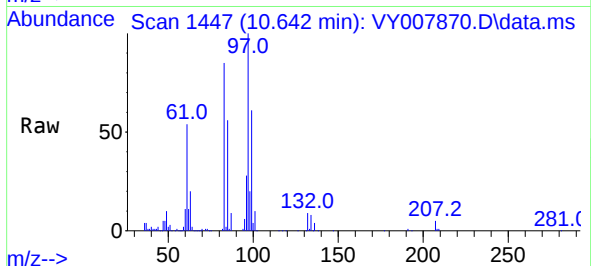
Tgt Ion: 75 Resp: 149897
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 44.7 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 22.546 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

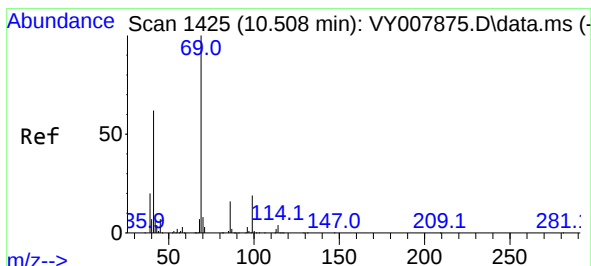
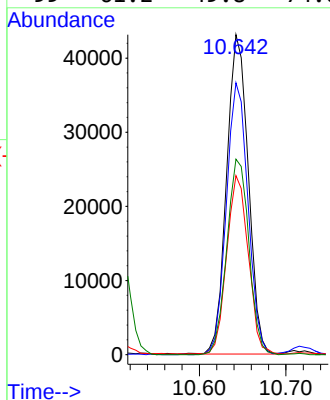
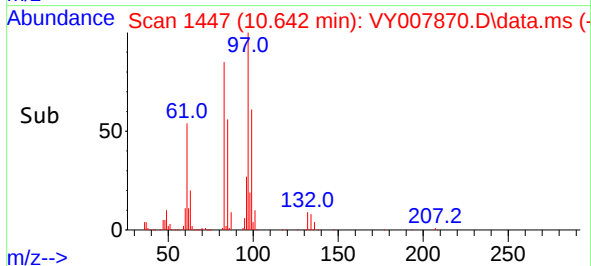


Tgt Ion: 97 Resp: 7498

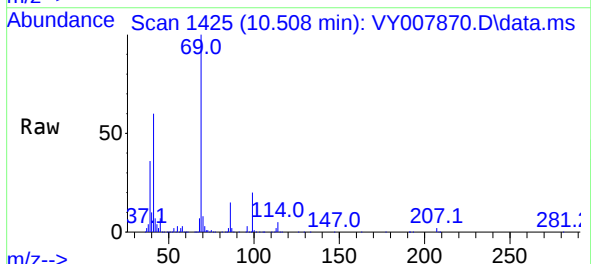
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.8	104.8
85	55.8	44.3	66.5
99	61.2	49.8	74.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

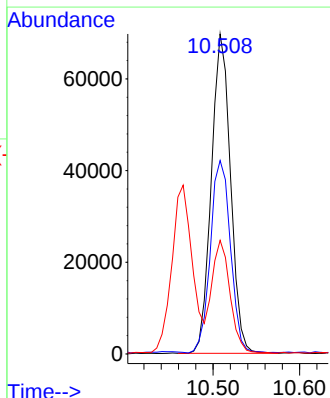
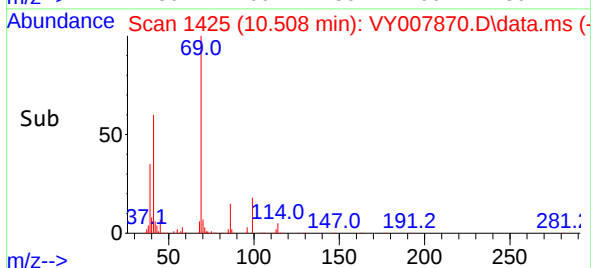


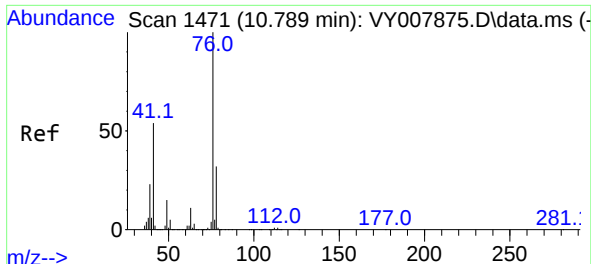
#56
Ethyl methacrylate
Concen: 24.281 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



Tgt Ion: 69 Resp: 107207

Ion	Ratio	Lower	Upper
69	100		
41	63.3	63.4	95.0#
39	33.4	35.8	53.8#





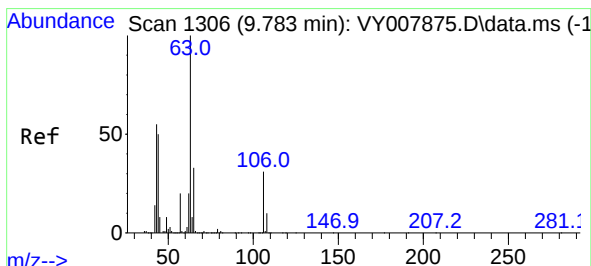
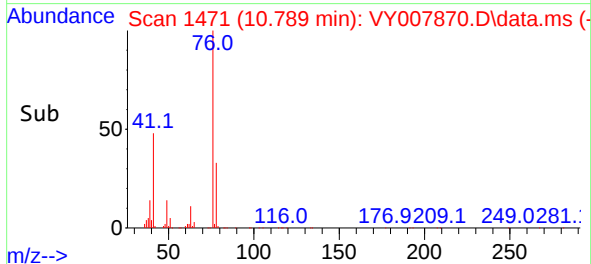
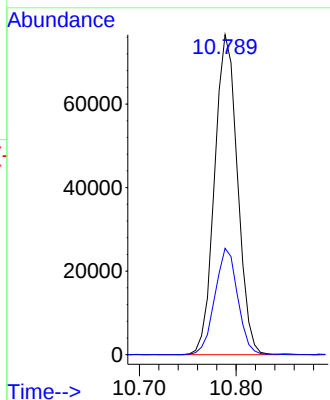
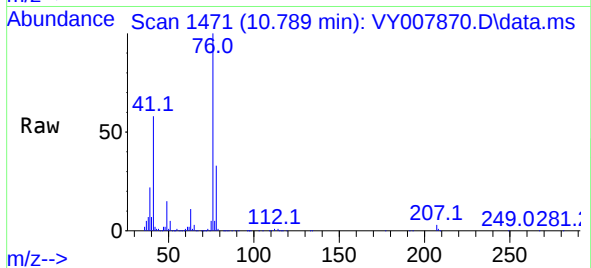
#57
1,3-Dichloropropane
Concen: 22.400 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 125972
Ion Ratio Lower Upper
76 100
78 33.1 25.0 37.6

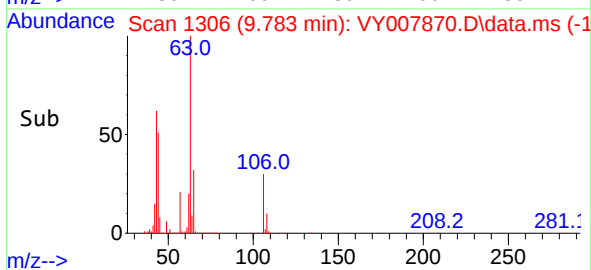
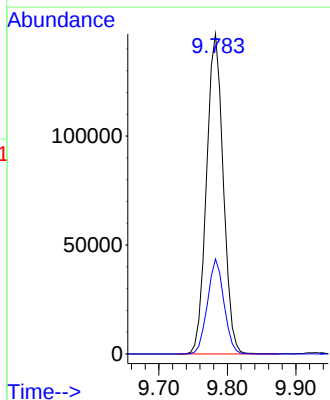
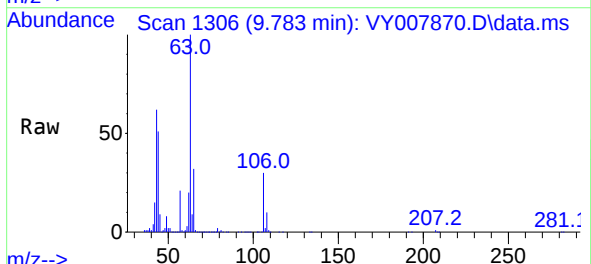
Manual Integrations
APPROVED

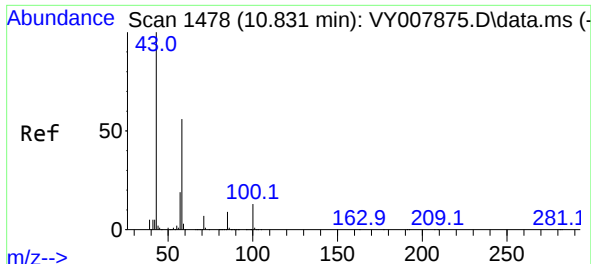
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#58
2-Chloroethyl Vinyl ether
Concen: 103.436 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

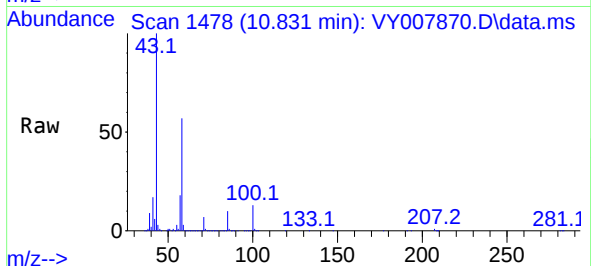
Tgt Ion: 63 Resp: 249064
Ion Ratio Lower Upper
63 100
106 29.1 21.5 32.3





#59
2-Hexanone
Concen: 123.429 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

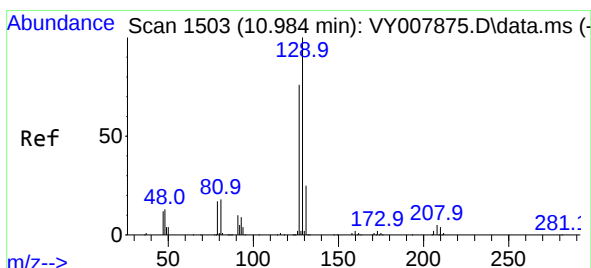
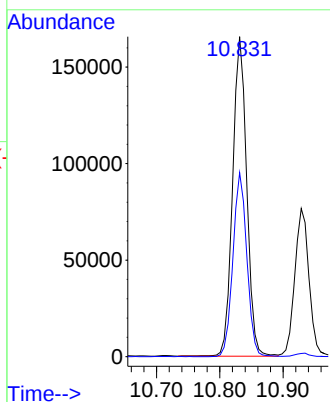
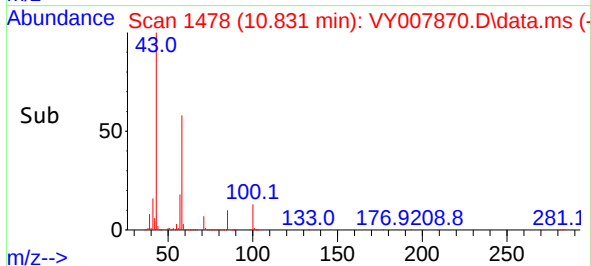
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



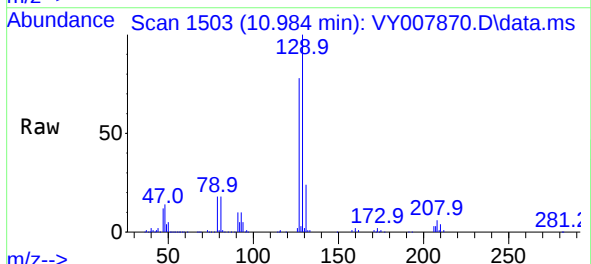
Tgt Ion: 43 Resp: 25705
Ion Ratio Lower Upper
43 100
58 56.9 24.4 73.4

Manual Integrations
APPROVED

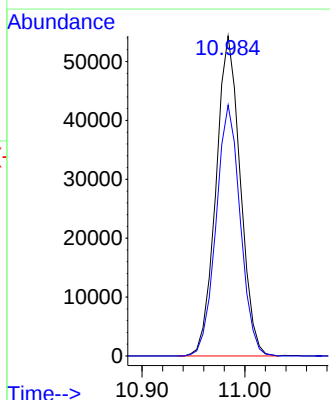
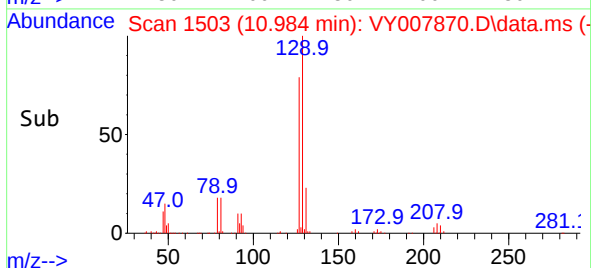
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

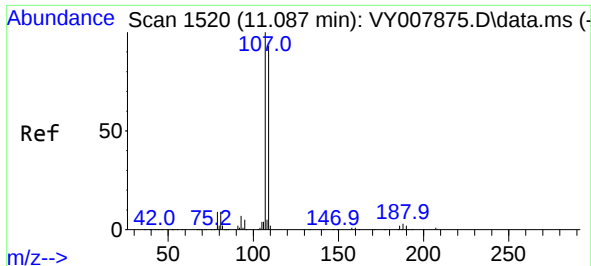


#60
Dibromochloromethane
Concen: 22.572 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



Tgt Ion:129 Resp: 89383
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





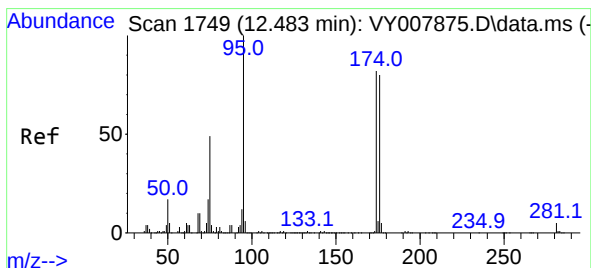
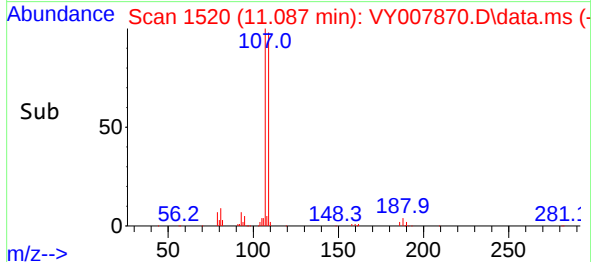
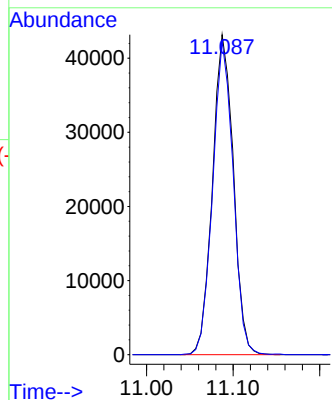
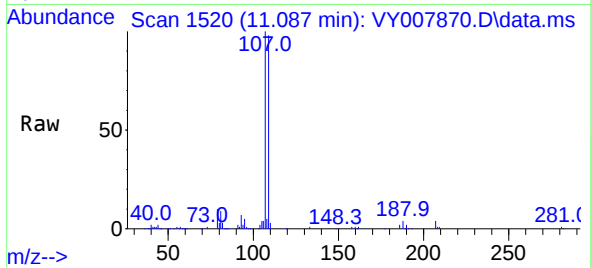
#61
1,2-Dibromoethane
Concen: 22.781 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 7221
Ion Ratio Lower Upper
107 100
109 96.2 75.4 113.2

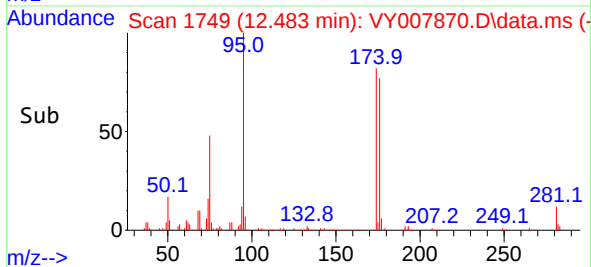
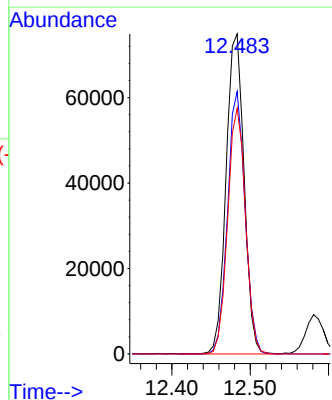
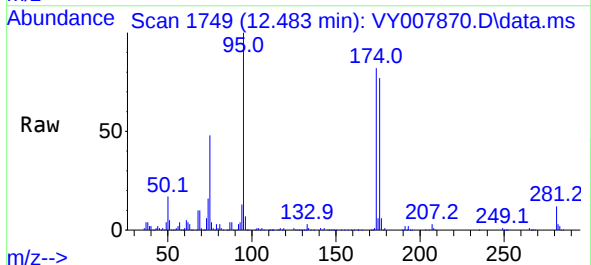
Manual Integrations
APPROVED

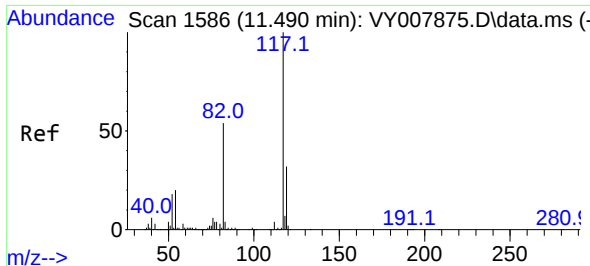
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#62
4-Bromofluorobenzene
Concen: 28.059 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

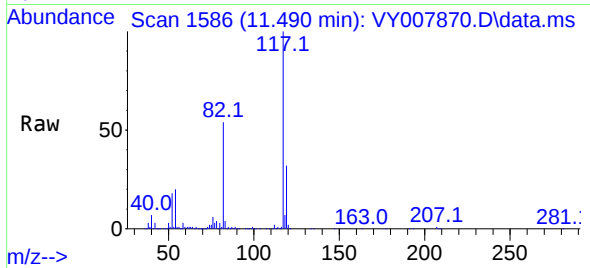
Tgt Ion: 95 Resp: 119761
Ion Ratio Lower Upper
95 100
174 79.8 0.0 177.0
176 76.0 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

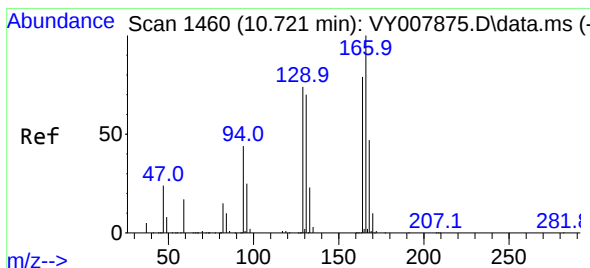
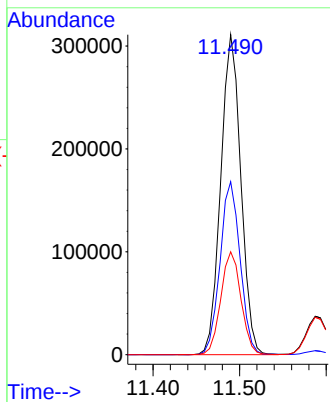
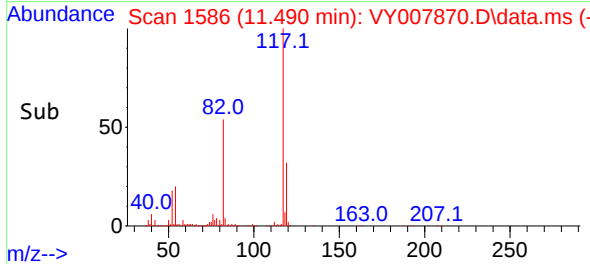
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



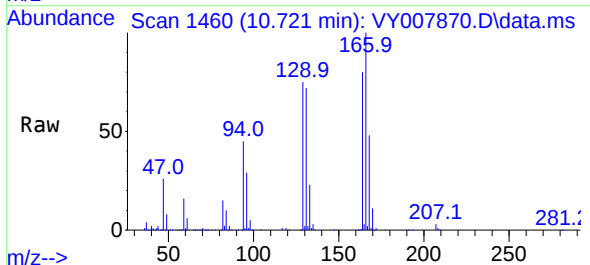
Tgt Ion:117 Resp: 501600
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.1 25.4 38.0

Manual Integrations
APPROVED

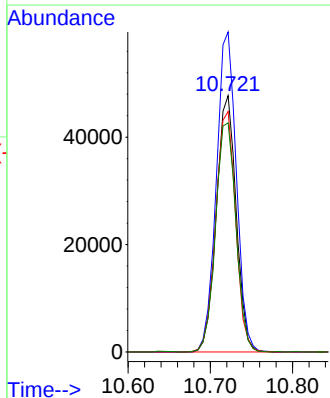
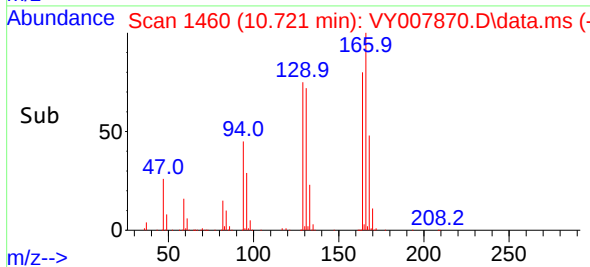
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

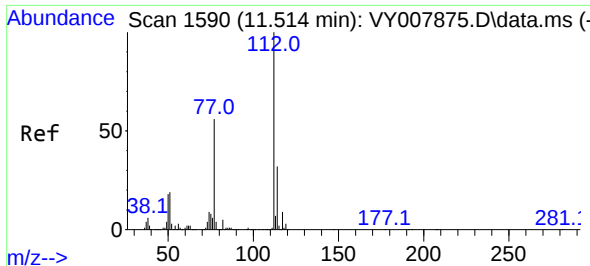


#64
Tetrachloroethene
Concen: 21.571 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



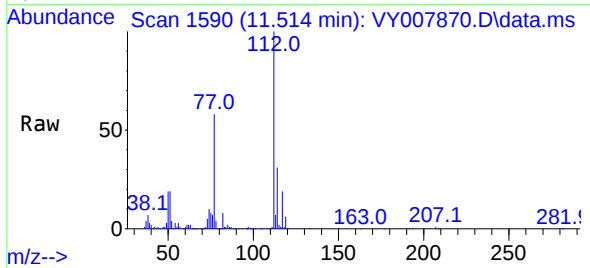
Tgt Ion:164 Resp: 80202
Ion Ratio Lower Upper
164 100
166 124.9 100.4 150.6
129 93.9 71.4 107.0
131 89.4 70.8 106.2





#65
Chlorobenzene
Concen: 22.083 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

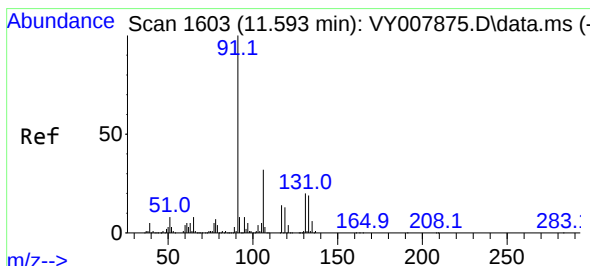
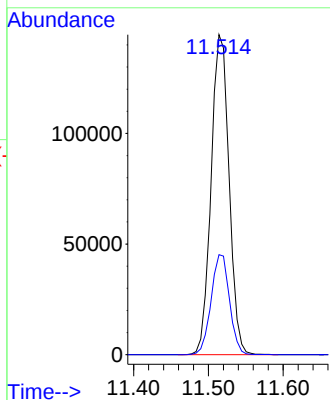
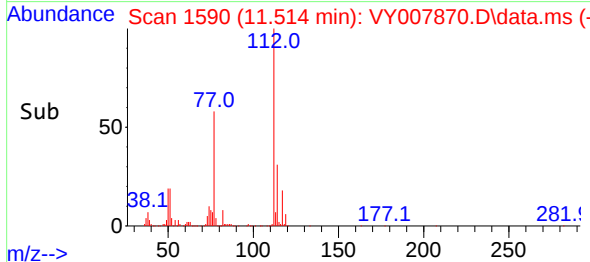
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



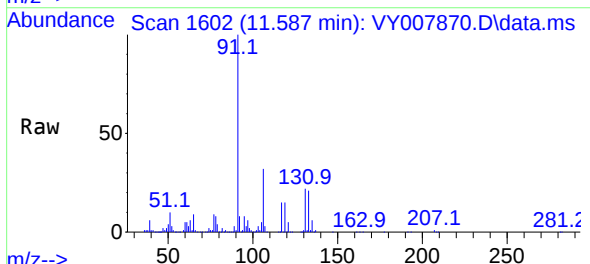
Tgt Ion:112 Resp: 241320
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6

Manual Integrations
APPROVED

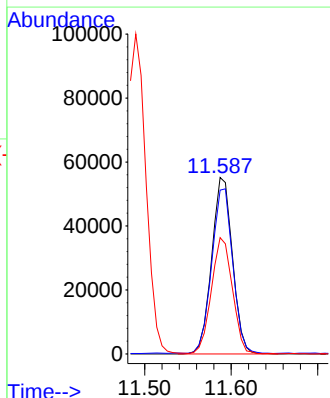
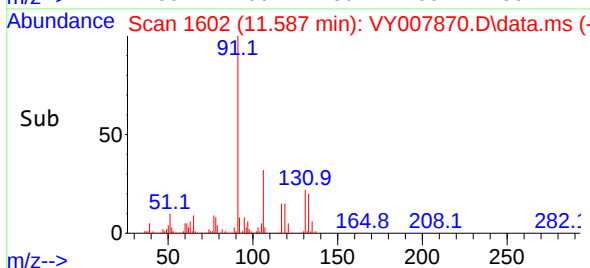
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

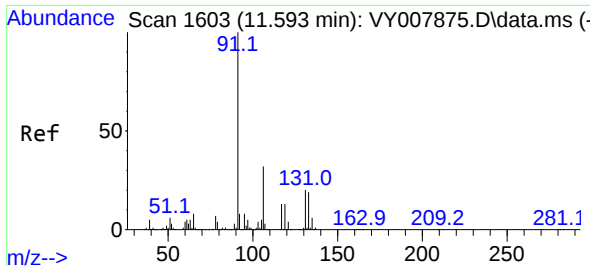


#66
1,1,1,2-Tetrachloroethane
Concen: 22.463 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



Tgt Ion:131 Resp: 91798
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.6
119 66.3 30.8 92.3





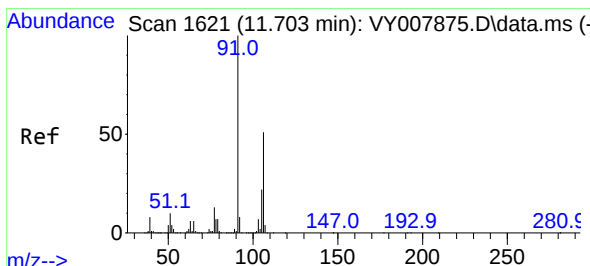
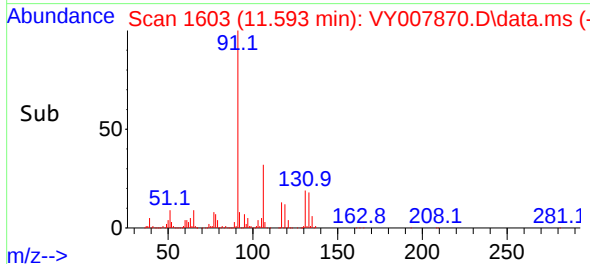
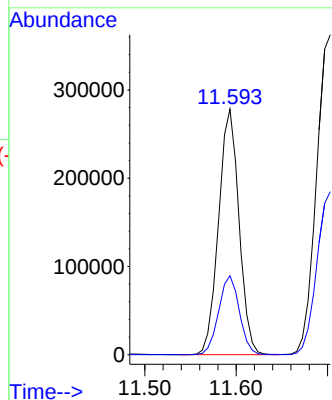
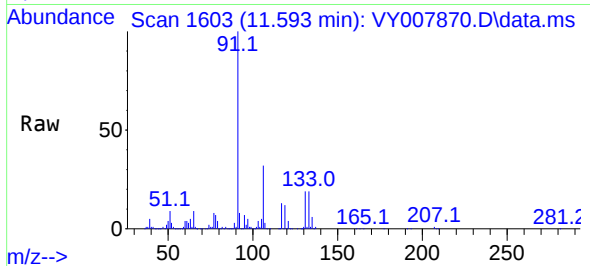
#67
Ethyl Benzene
Concen: 21.944 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 432464
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7

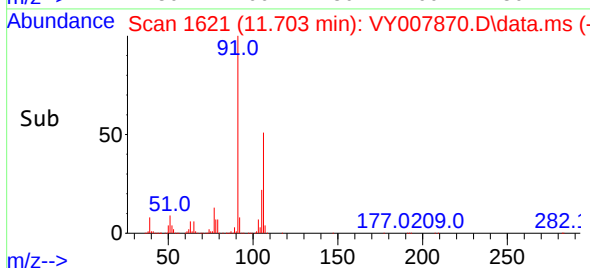
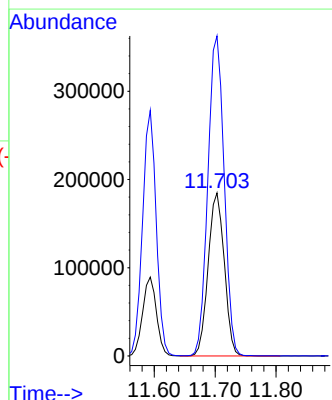
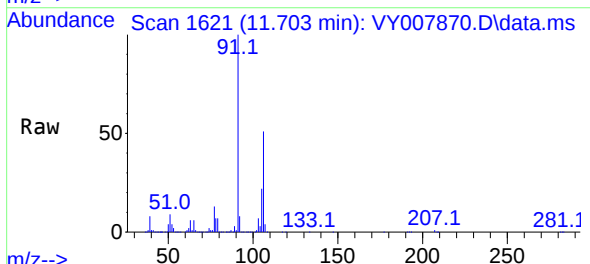
Manual Integrations
APPROVED

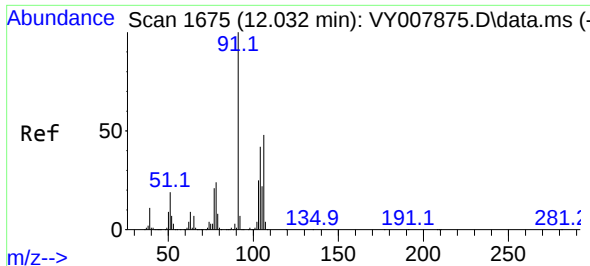
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#68
m/p-Xylenes
Concen: 44.893 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

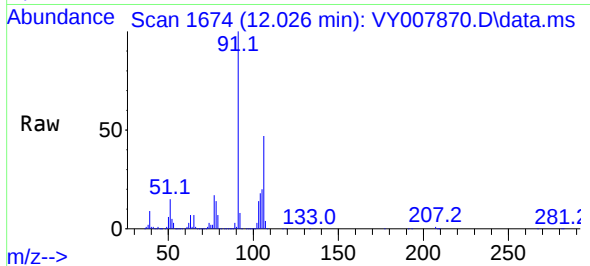
Tgt Ion:106 Resp: 339471
Ion Ratio Lower Upper
106 100
91 197.9 166.6 249.8





#69
o-Xylene
Concen: 22.923 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

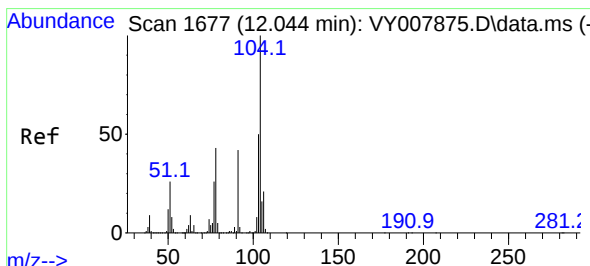
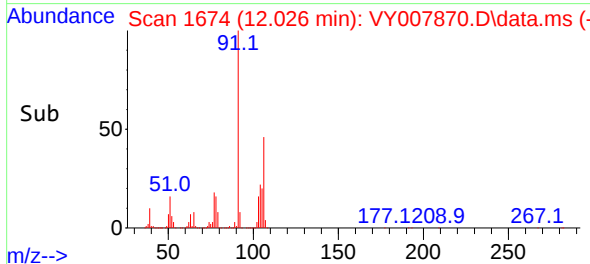
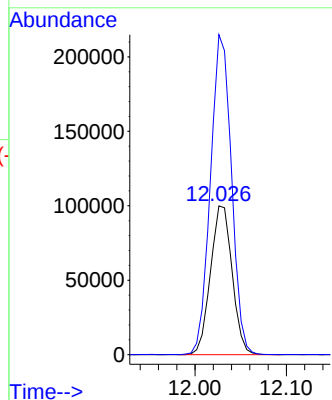
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:106 Resp: 16425
Ion Ratio Lower Upper
106 100
91 208.8 110.3 331.0

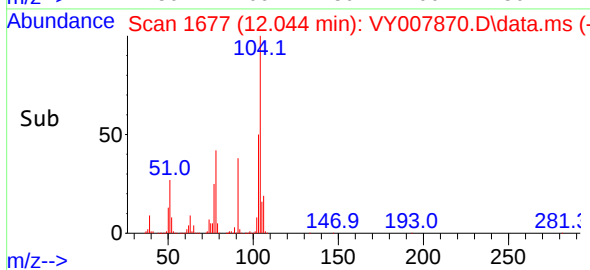
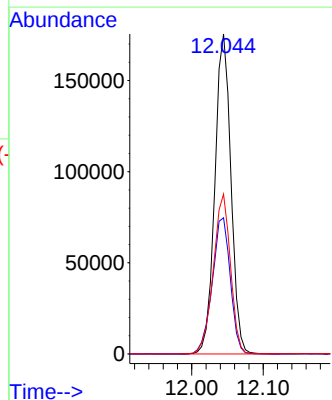
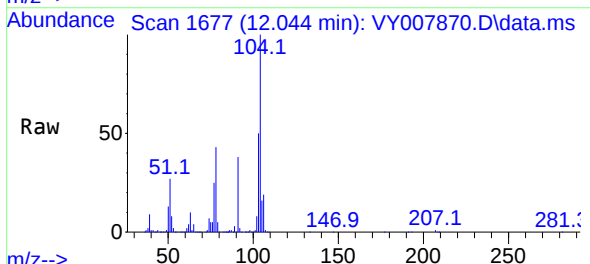
Manual Integrations
APPROVED

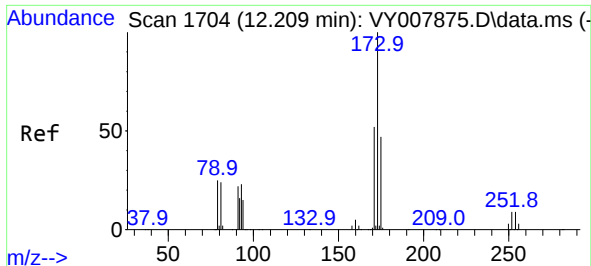
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#70
Styrene
Concen: 22.812 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Tgt Ion:104 Resp: 273704
Ion Ratio Lower Upper
104 100
78 47.8 42.4 63.6
103 53.5 44.4 66.6





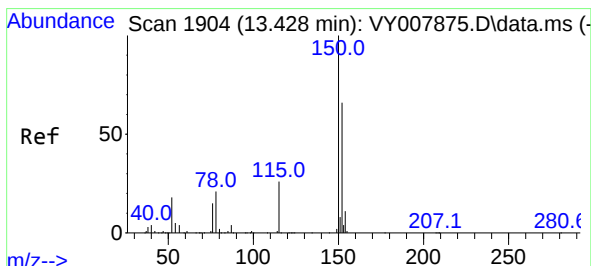
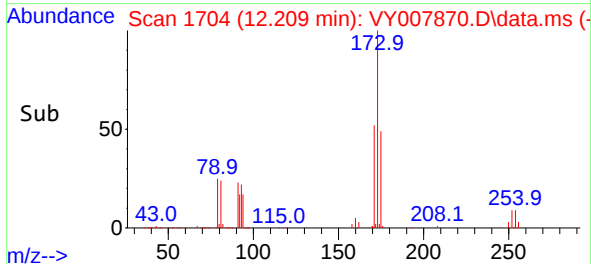
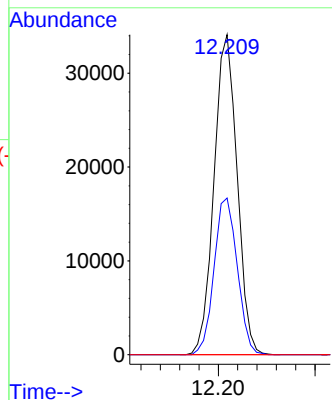
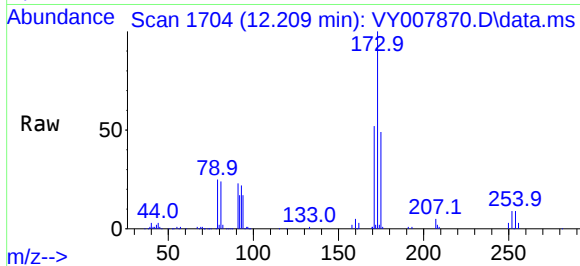
#71
Bromoform
Concen: 22.220 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 56540
Ion Ratio Lower Upper
173 100
175 49.2 24.6 74.0
254 0.0 0.0 0.0

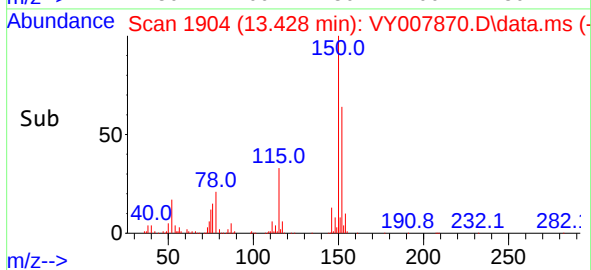
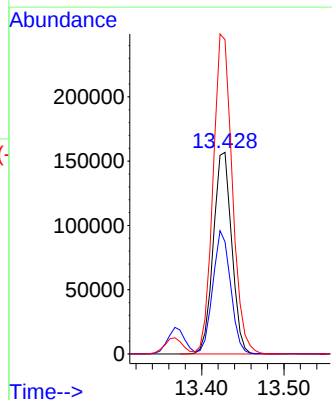
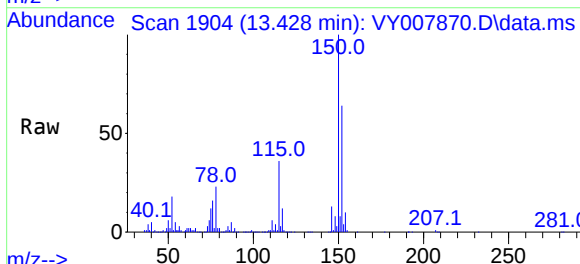
Manual Integrations
APPROVED

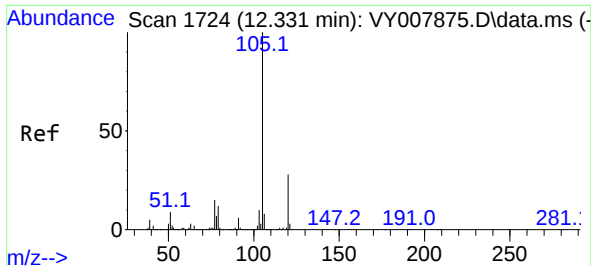
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

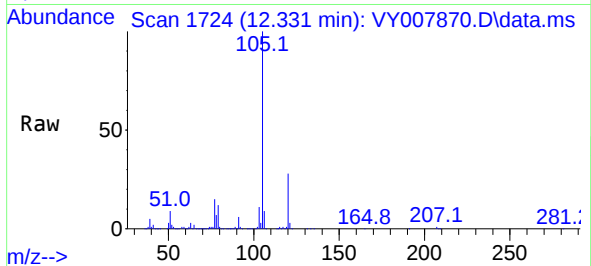
Tgt Ion:152 Resp: 244348
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 165.3 0.0 347.6





#73
Isopropylbenzene
Concen: 22.873 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

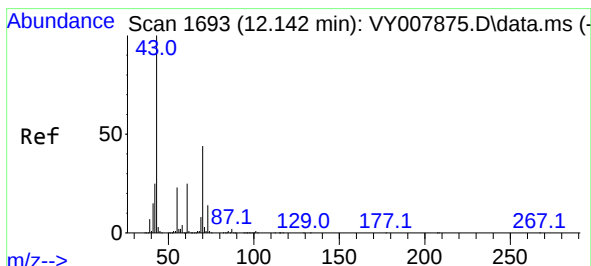
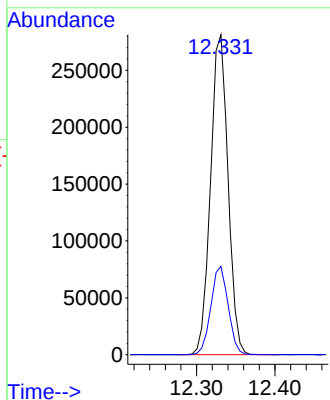
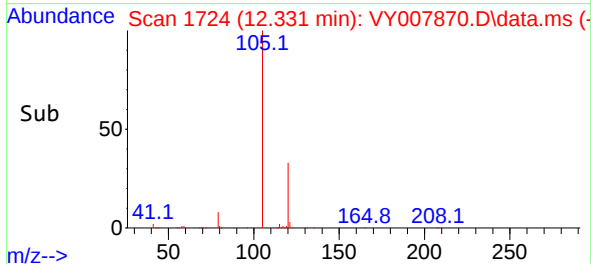
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



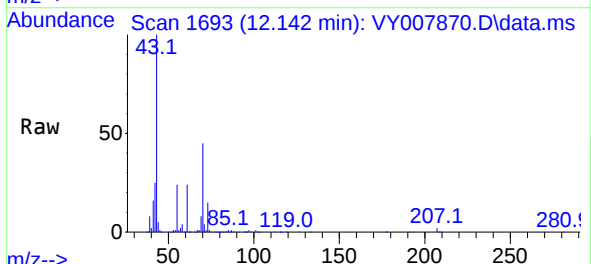
Tgt Ion:105 Resp: 435415
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2

Manual Integrations
APPROVED

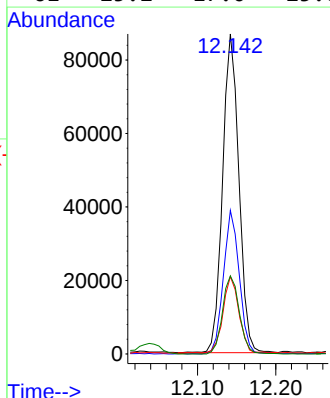
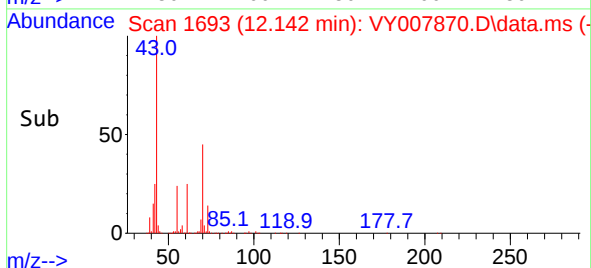
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

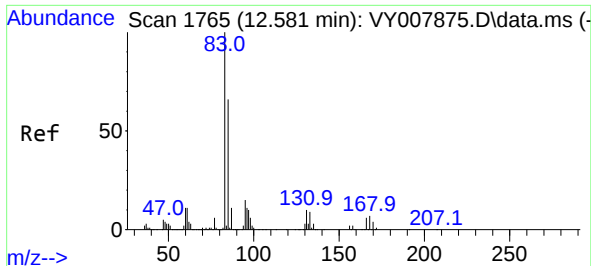


#74
N-ethyl acetate
Concen: 24.804 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



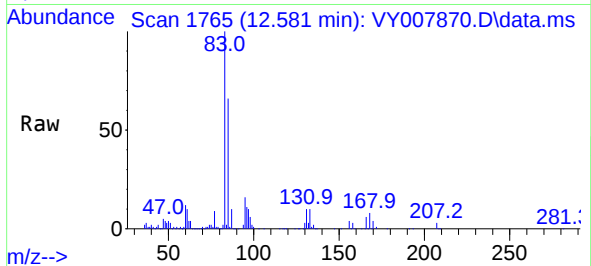
Tgt Ion: 43 Resp: 125688
Ion Ratio Lower Upper
43 100
70 43.7 28.7 43.1#
55 24.1 17.3 25.9
61 25.2 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 22.856 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

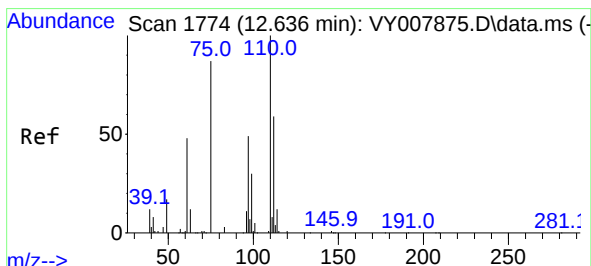
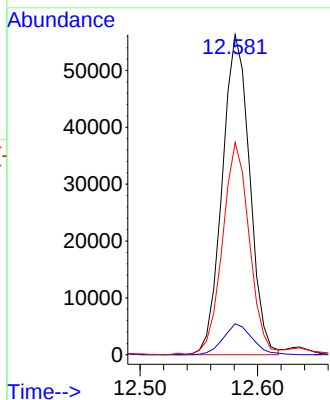
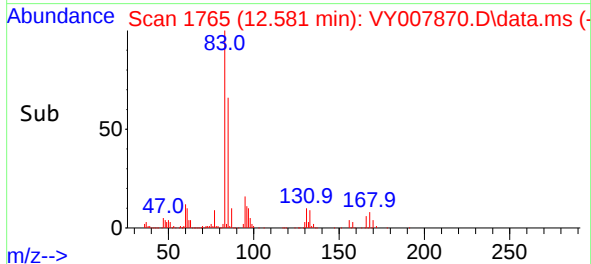
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



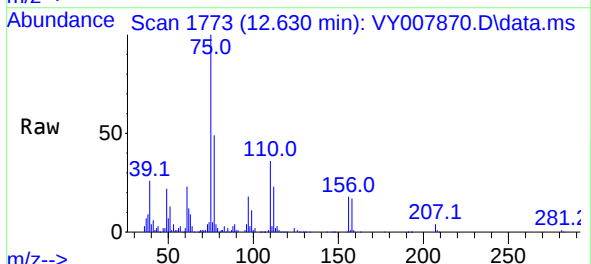
Tgt Ion: 83 Resp: 9125
Ion Ratio Lower Upper
83 100
131 10.2 5.6 16.8
85 65.0 32.3 96.8

Manual Integrations
APPROVED

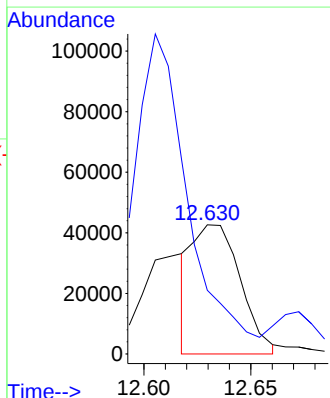
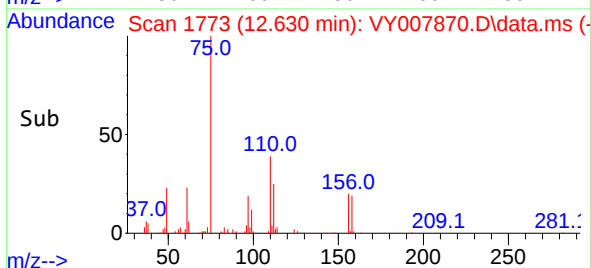
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

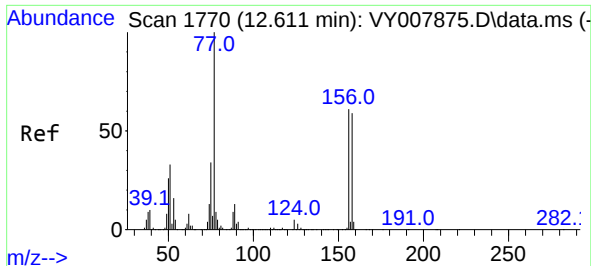


#76
1,2,3-Trichloropropane
Concen: 24.502 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



Tgt Ion: 75 Resp: 66861
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





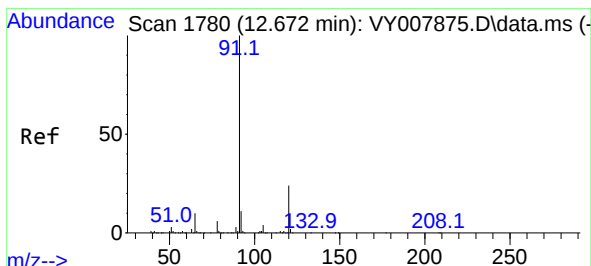
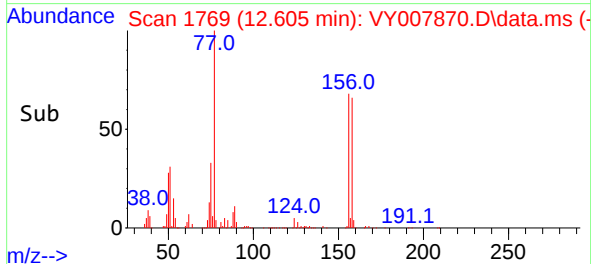
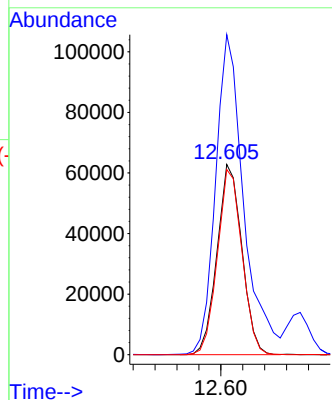
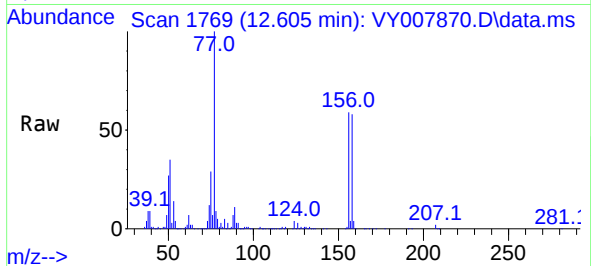
#77
Bromobenzene
Concen: 22.565 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 9894
Ion Ratio Lower Upper
156 100
77 190.5 95.5 286.4
158 96.2 48.0 144.0

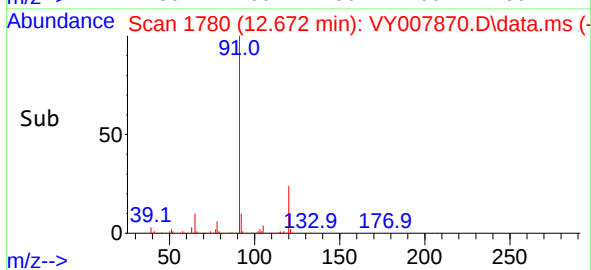
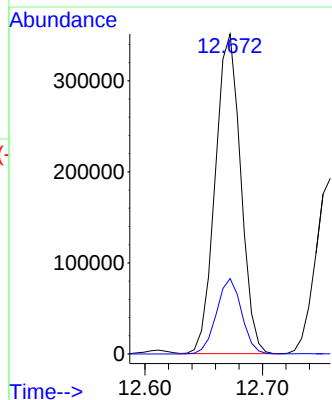
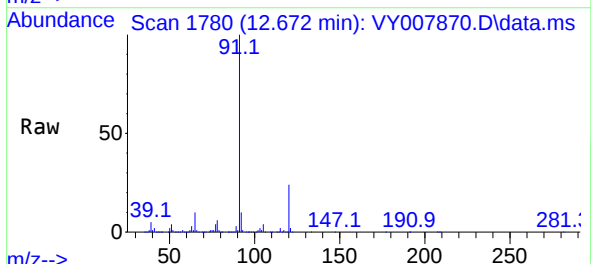
Manual Integrations
APPROVED

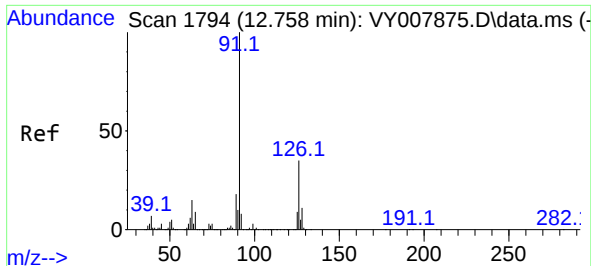
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#78
n-propylbenzene
Concen: 23.009 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Tgt Ion: 91 Resp: 528515
Ion Ratio Lower Upper
91 100
120 23.2 11.3 33.9





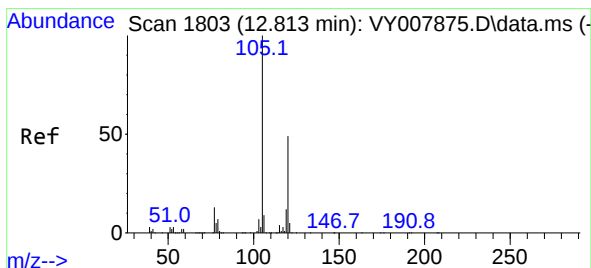
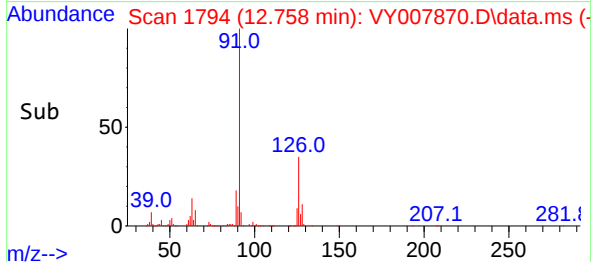
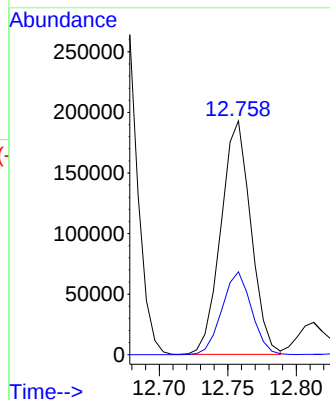
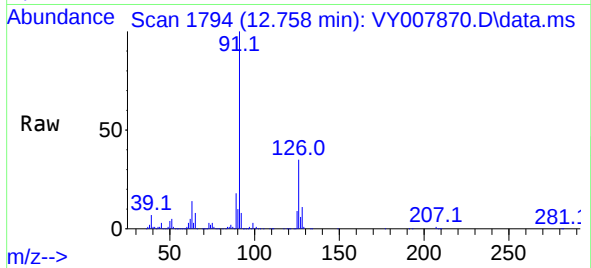
#79
2-Chlorotoluene
Concen: 23.909 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 293878
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.6

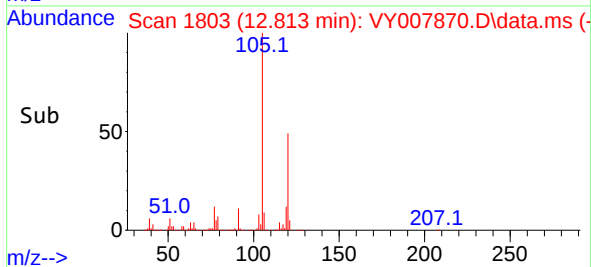
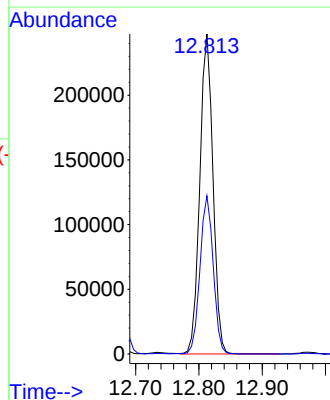
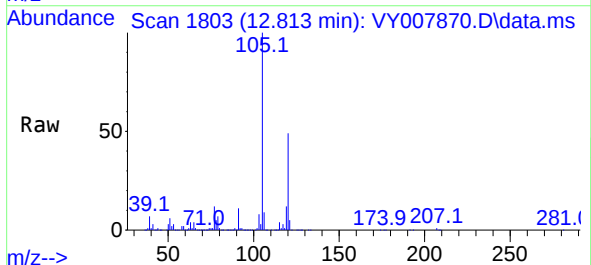
Manual Integrations
APPROVED

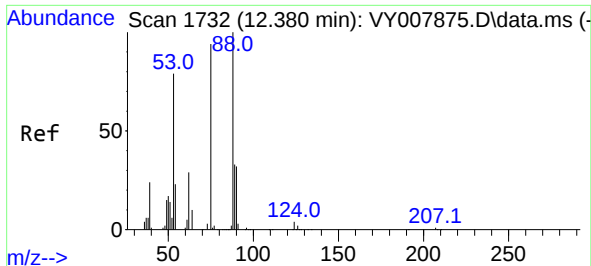
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 23.550 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Tgt Ion:105 Resp: 358468
Ion Ratio Lower Upper
105 100
120 49.7 24.4 73.4





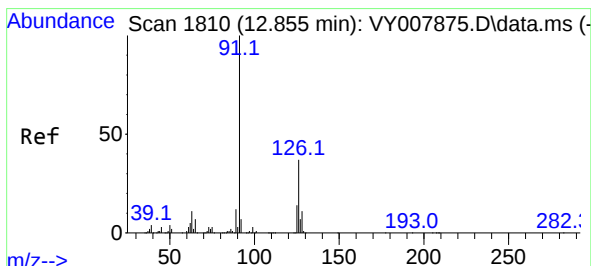
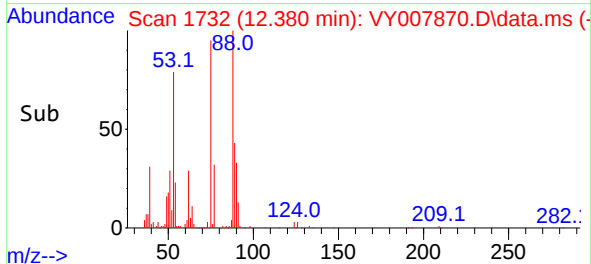
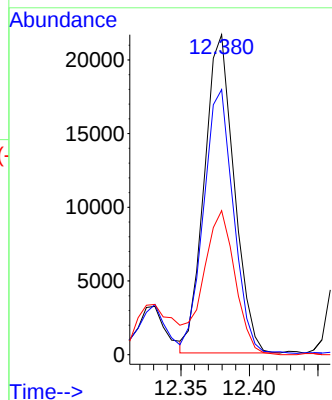
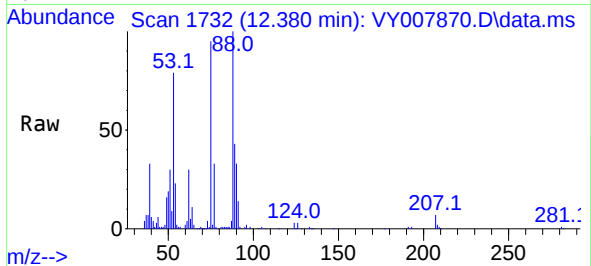
#81
trans-1,4-Dichloro-2-butene
Concen: 24.465 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 32650
Ion Ratio Lower Upper
75 100
53 83.5 85.3 127.9
89 48.6 37.0 55.4

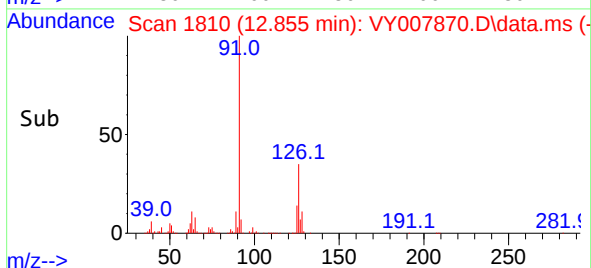
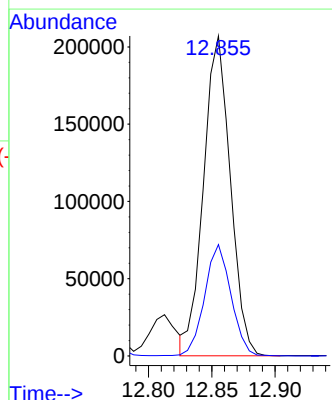
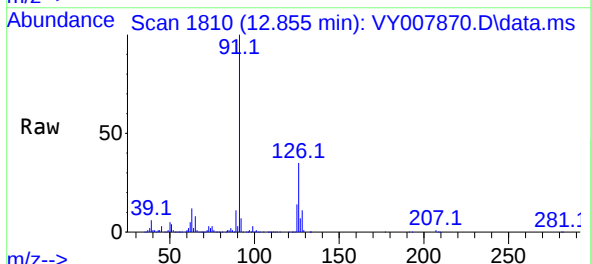
Manual Integrations
APPROVED

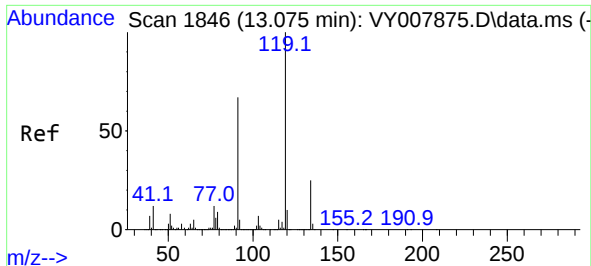
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#82
4-Chlorotoluene
Concen: 24.144 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Tgt Ion: 91 Resp: 305264
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0





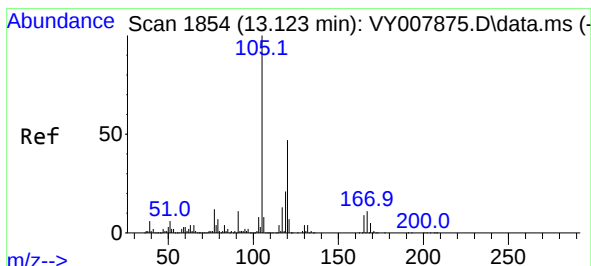
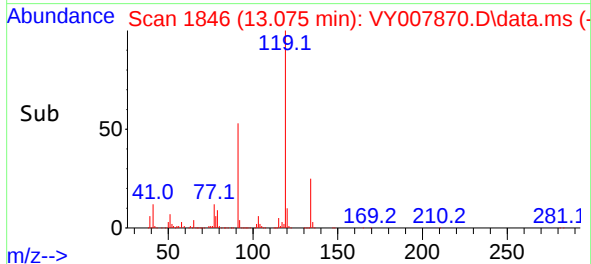
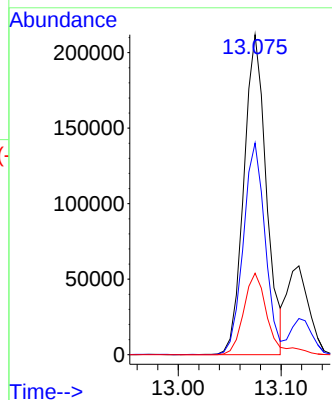
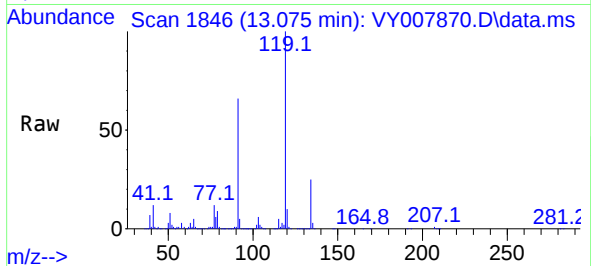
#83
tert-Butylbenzene
Concen: 23.101 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 32343
Ion Ratio Lower Upper
119 100
91 64.1 34.8 104.4
134 27.0 13.3 39.9

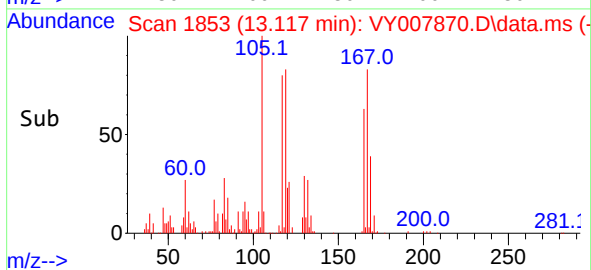
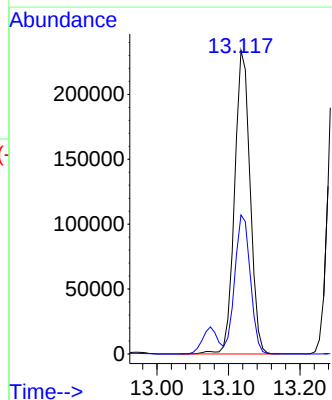
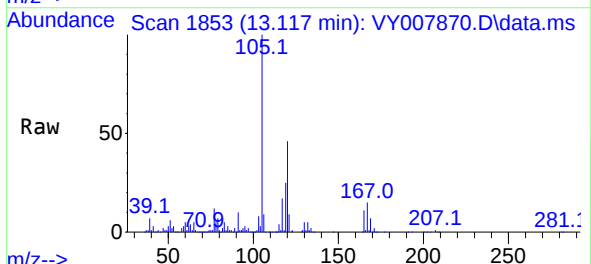
Manual Integrations
APPROVED

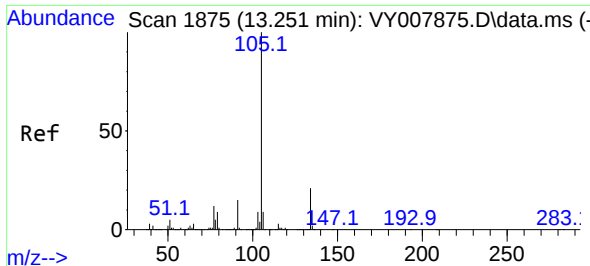
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#84
1,2,4-Trimethylbenzene
Concen: 23.502 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

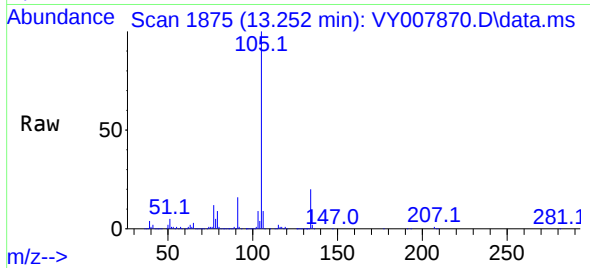
Tgt Ion:105 Resp: 352365
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 23.335 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007870.D
 Acq: 17 Mar 2022 11:06

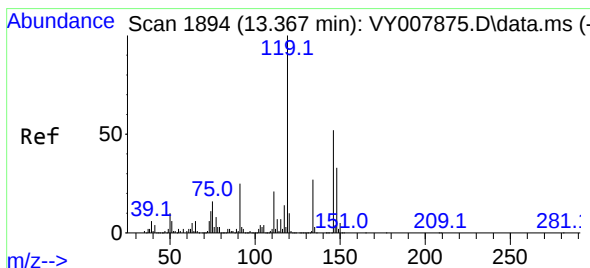
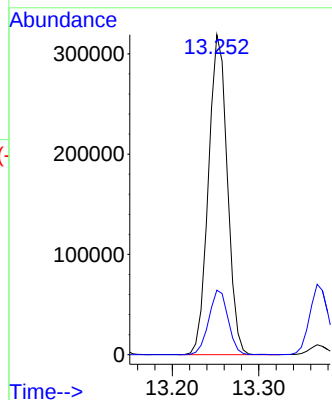
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



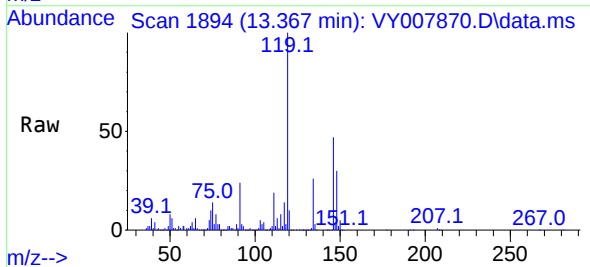
Tgt Ion:105 Resp: 483292
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4

Manual Integrations
 APPROVED

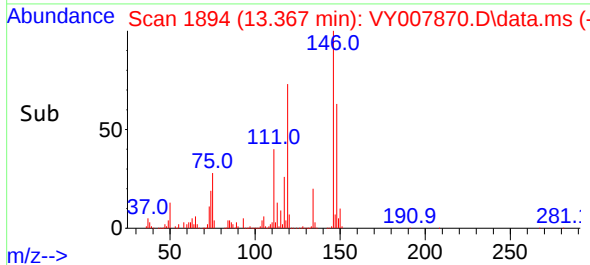
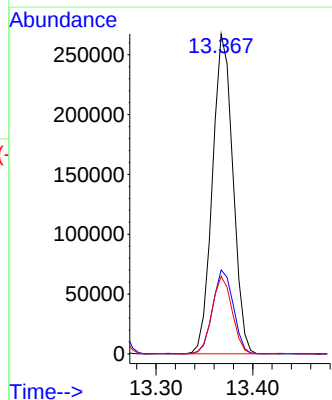
Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022

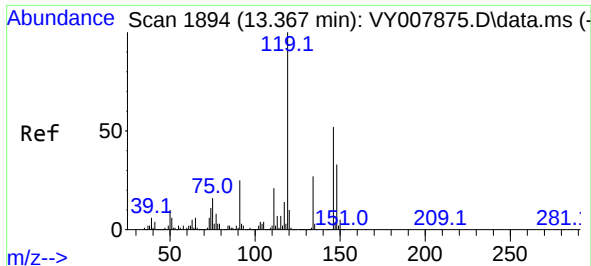


#86
 p-Isopropyltoluene
 Concen: 22.901 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007870.D
 Acq: 17 Mar 2022 11:06



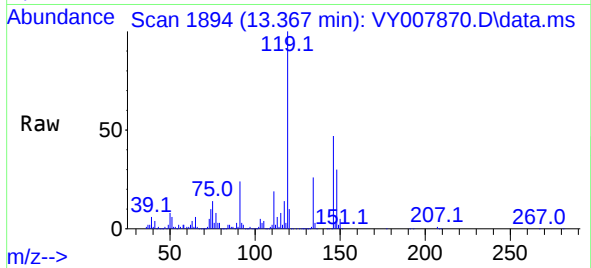
Tgt Ion:119 Resp: 391752
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.5
 91 23.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 22.182 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

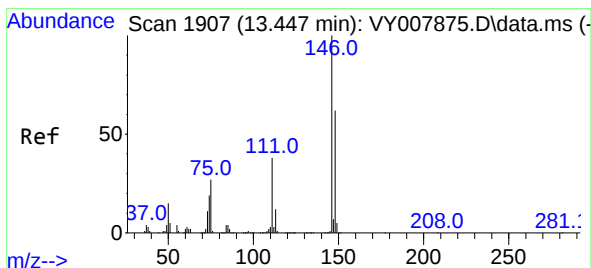
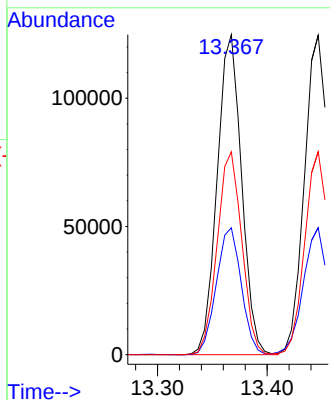
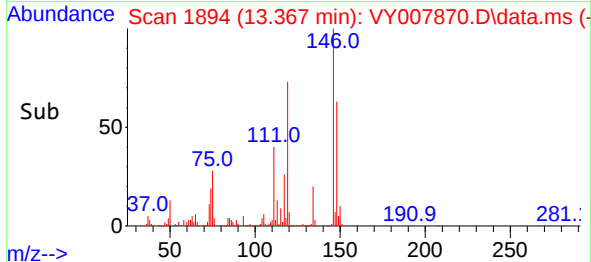
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



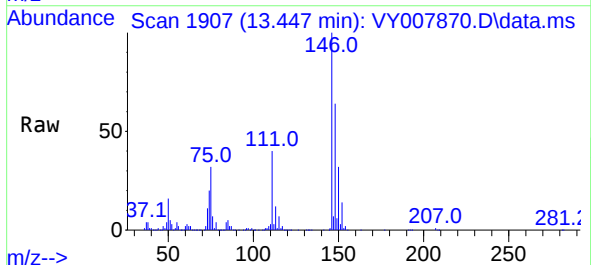
Tgt Ion:146 Resp: 193539
Ion Ratio Lower Upper
146 100
111 40.5 19.5 58.5
148 63.9 31.6 95.0

Manual Integrations
APPROVED

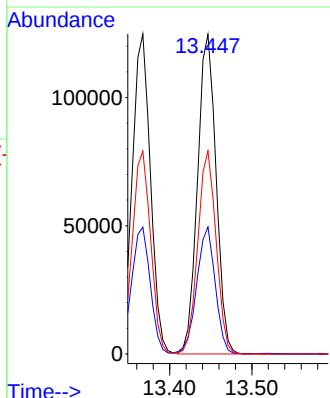
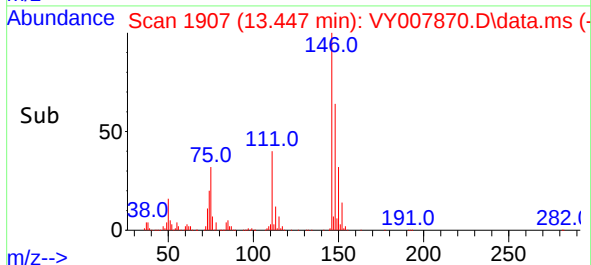
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

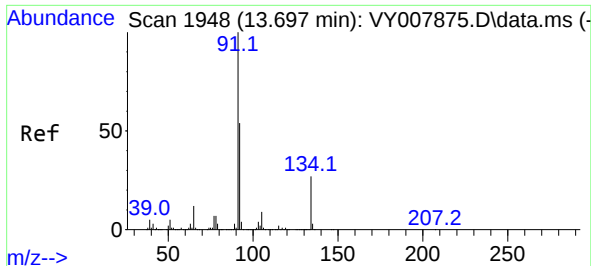


#88
1,4-Dichlorobenzene
Concen: 22.650 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



Tgt Ion:146 Resp: 195046
Ion Ratio Lower Upper
146 100
111 39.8 19.3 57.8
148 62.9 32.6 97.8





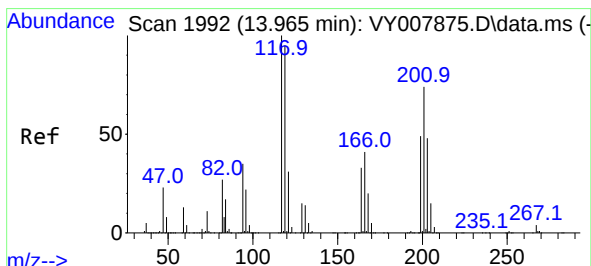
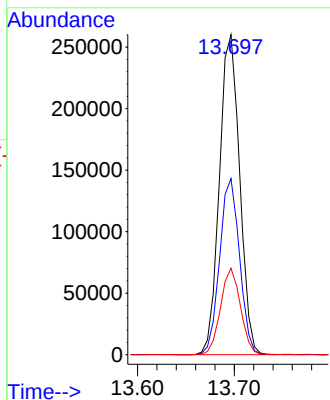
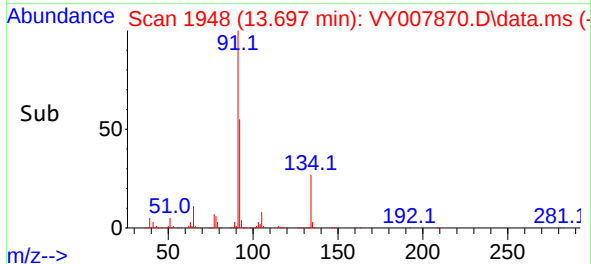
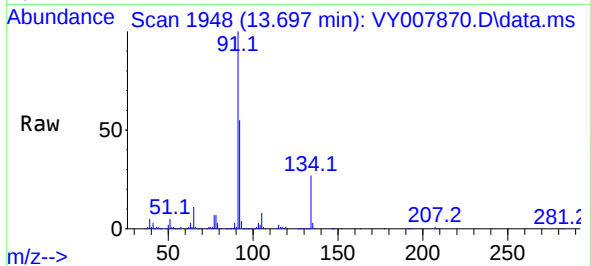
#89
n-Butylbenzene
Concen: 23.345 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 37742
Ion Ratio Lower Upper
91 100
92 54.2 26.3 78.9
134 26.6 13.0 38.9

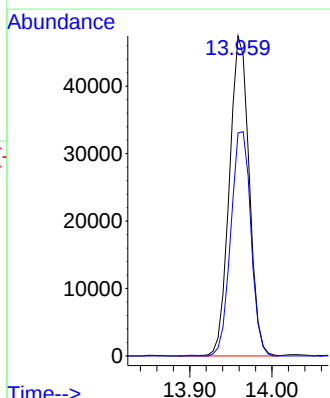
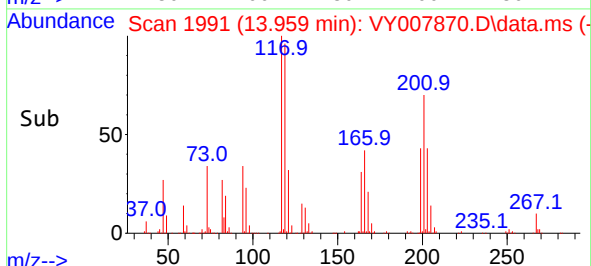
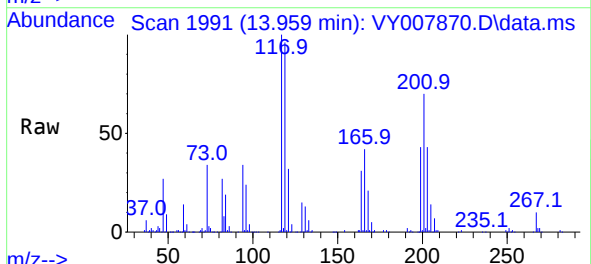
Manual Integrations
APPROVED

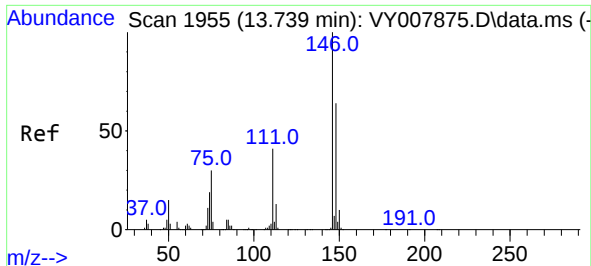
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#90
Hexachloroethane
Concen: 24.407 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Tgt Ion:117 Resp: 79139
Ion Ratio Lower Upper
117 100
201 71.3 43.0 128.8





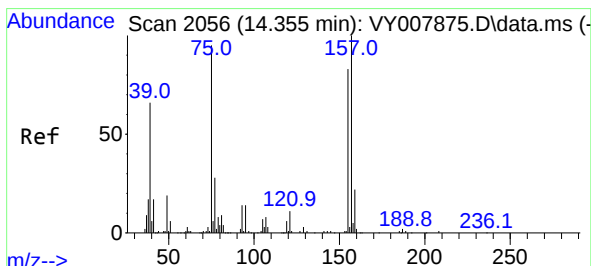
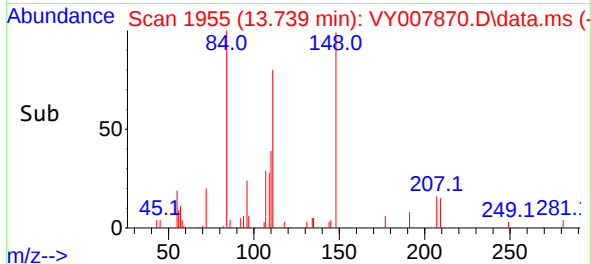
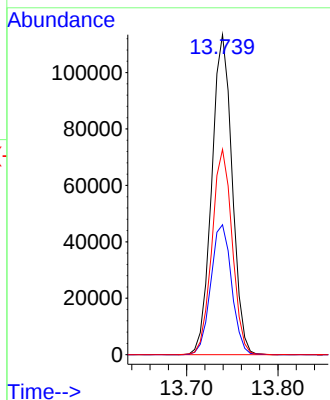
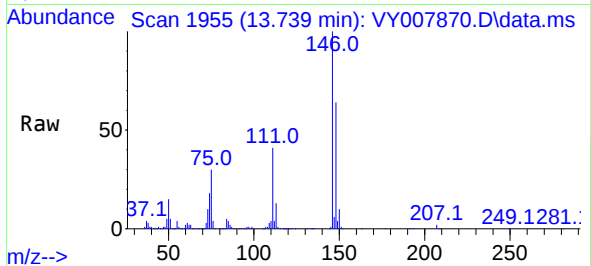
#91
1,2-Dichlorobenzene
Concen: 22.713 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 175972
Ion Ratio Lower Upper
146 100
111 41.5 20.3 60.9
148 63.7 32.3 96.9

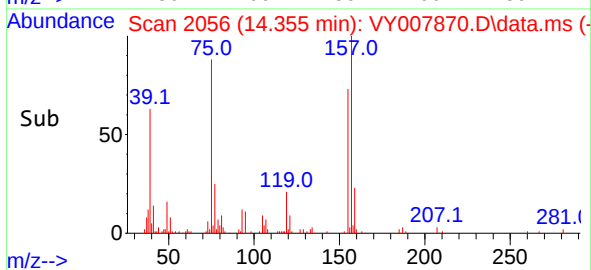
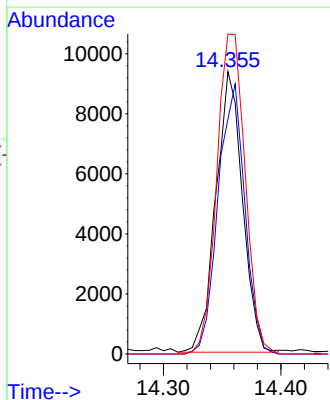
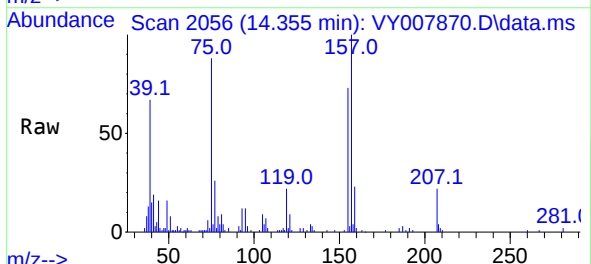
Manual Integrations
APPROVED

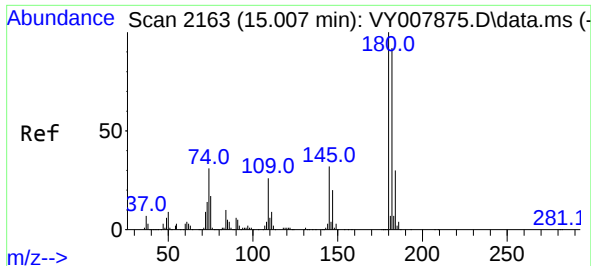
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.383 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

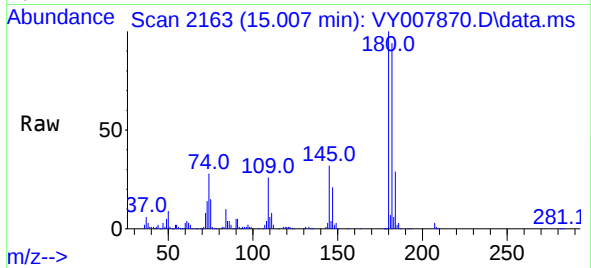
Tgt Ion: 75 Resp: 14743
Ion Ratio Lower Upper
75 100
155 96.5 38.0 113.9
157 121.5 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 22.578 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

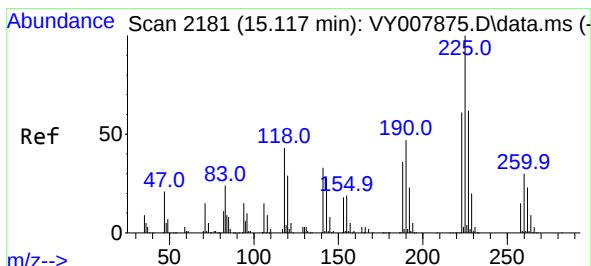
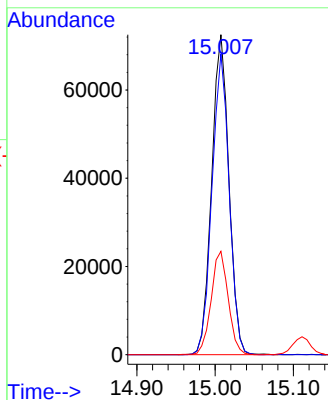
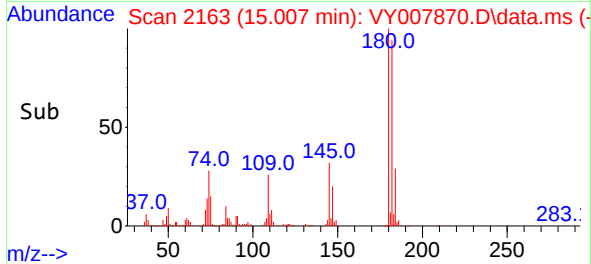
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



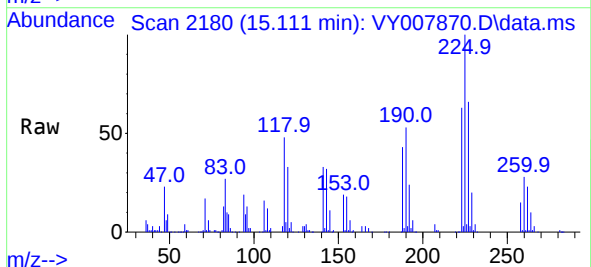
Tgt Ion:180 Resp: 110744
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.9
145 32.1 14.6 43.8

Manual Integrations
APPROVED

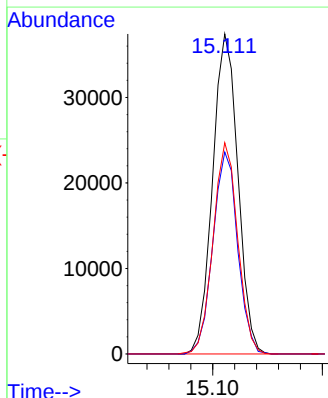
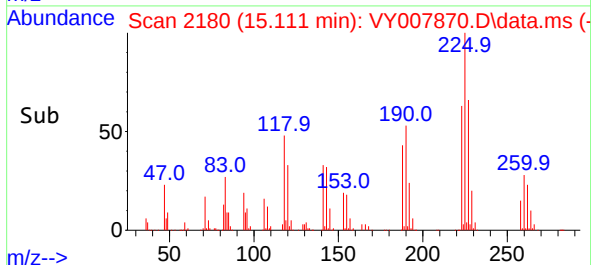
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

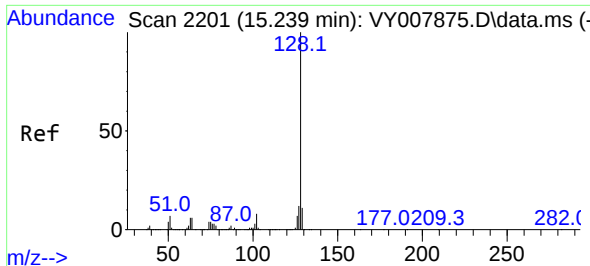


#94
Hexachlorobutadiene
Concen: 20.672 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



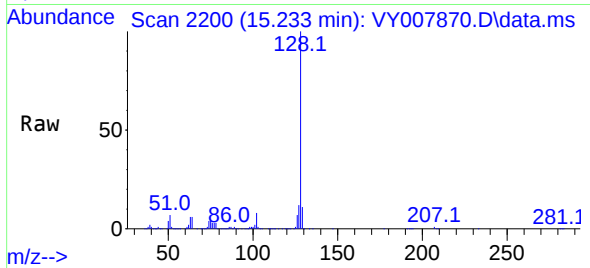
Tgt Ion:225 Resp: 59947
Ion Ratio Lower Upper
225 100
223 61.8 30.8 92.3
227 64.2 31.6 94.7





#95
Naphthalene
Concen: 24.399 ug/l
RT: 15.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06

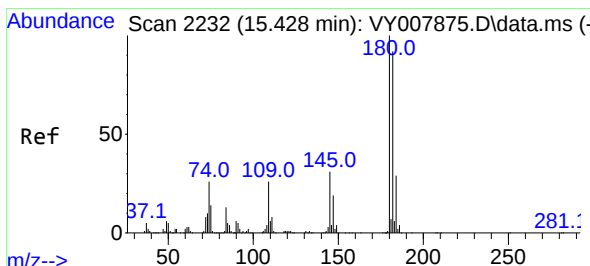
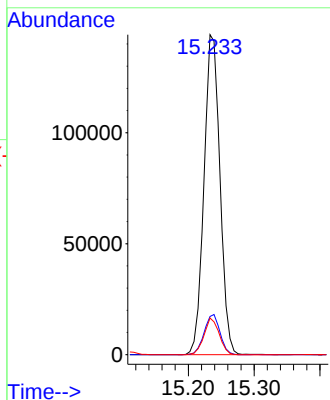
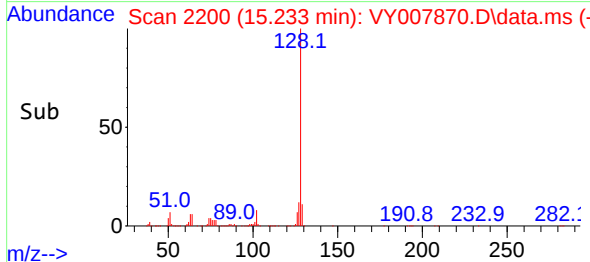
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



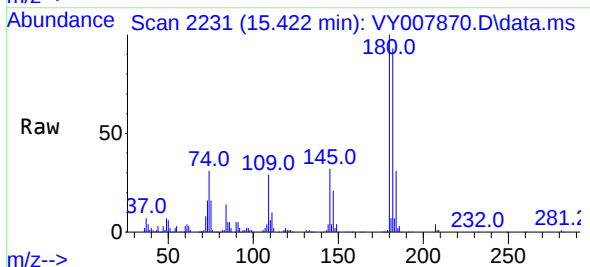
Tgt Ion:128 Resp: 24345
Ion Ratio Lower Upper
128 100
127 12.5 11.0 16.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 22.141 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY007870.D
Acq: 17 Mar 2022 11:06



Tgt Ion:180 Resp: 96790
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 34.2 15.3 45.9

