

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007894.D
 Acq On : 18 Mar 2022 11:41
 Operator : SY/MD
 Sample : VY0318SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 19 00:10:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	294385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	495631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	441059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	214857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	160870	47.927	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.860%		
35) Dibromofluoromethane	7.716	113	167480	48.116	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.240%		
50) Toluene-d8	10.179	98	563314	54.090	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	108.180%		
62) 4-Bromofluorobenzene	12.483	95	222581	44.556	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48537	22.707	ug/l	99
3) Chloromethane	2.113	50	63229	23.522	ug/l	98
4) Vinyl Chloride	2.253	62	75652	23.373	ug/l	100
5) Bromomethane	2.637	94	57267	26.294	ug/l	97
6) Chloroethane	2.784	64	52064	21.626	ug/l	98
7) Trichlorofluoromethane	3.125	101	113371	21.004	ug/l	93
8) Diethyl Ether	3.528	74	41283	20.609	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	70857	20.325	ug/l	93
10) Methyl Iodide	4.088	142	60737	18.848	ug/l	91
11) Tert butyl alcohol	4.954	59	39666	101.440	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	64737	20.252	ug/l	87
13) Acrolein	3.723	56	27688	117.562	ug/l	99
14) Allyl chloride	4.479	41	104599	19.454	ug/l #	90
15) Acrylonitrile	5.161	53	108810	101.925	ug/l	97
16) Acetone	3.948	43	89261	100.244	ug/l #	89
17) Carbon Disulfide	4.192	76	158946	23.184	ug/l	99
18) Methyl Acetate	4.472	43	54717	22.658	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	204037	20.349	ug/l	93
20) Methylene Chloride	4.710	84	87500	22.820	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	72321	20.209	ug/l	88
22) Diisopropyl ether	6.119	45	234090	20.237	ug/l	93
23) Vinyl Acetate	6.058	43	746577	103.047	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	133449	20.482	ug/l	96
25) 2-Butanone	6.984	43	141603	99.281	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	121812	20.172	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	88337	20.565	ug/l	87
28) Bromochloromethane	7.326	49	52748	20.497	ug/l #	86
29) Tetrahydrofuran	7.350	42	90843	99.404	ug/l #	85
30) Chloroform	7.502	83	138991	20.639	ug/l	99
31) Cyclohexane	7.783	56	117897	21.411	ug/l	87
32) 1,1,1-Trichloroethane	7.704	97	123472	20.356	ug/l	96
36) 1,1-Dichloropropene	7.917	75	101332	19.628	ug/l	96
37) Ethyl Acetate	7.070	43	61374	19.483	ug/l #	92
38) Carbon Tetrachloride	7.899	117	109876	19.917	ug/l	99
39) Methylcyclohexane	9.179	83	130813	21.018	ug/l	92
40) Benzene	8.161	78	298596	19.792	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	38415m	19.774	ug/l	
42) 1,2-Dichloroethane	8.234	62	87262	19.977	ug/l	92
43) Isopropyl Acetate	8.271	43	121469	20.001	ug/l #	92
44) Trichloroethene	8.935	130	84270	20.200	ug/l	98
45) 1,2-Dichloropropane	9.216	63	76109	19.483	ug/l	96
46) Dibromomethane	9.301	93	44894	19.645	ug/l	95
47) Bromodichloromethane	9.496	83	108925	19.730	ug/l	98
48) Methyl methacrylate	9.295	41	51702	19.138	ug/l #	85
49) 1,4-Dioxane	9.301	88	13327	411.782	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	309357	96.684	ug/l	90
52) Toluene	10.240	92	190531	19.665	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	117428	19.939	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	129479	19.715	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	65807	19.821	ug/l	99
56) Ethyl methacrylate	10.508	69	93660	19.650	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	110739	20.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	219402	93.835	ug/l	93
59) 2-Hexanone	10.831	43	217205	94.928	ug/l	86
60) Dibromochloromethane	10.983	129	78712	19.795	ug/l	100
61) 1,2-Dibromoethane	11.087	107	62151	19.350	ug/l	98
64) Tetrachloroethene	10.715	164	67670	19.716	ug/l	95
65) Chlorobenzene	11.514	112	209876	19.864	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	78657	19.773	ug/l	97
67) Ethyl Benzene	11.593	91	372169	19.774	ug/l	97
68) m/p-Xylenes	11.703	106	289183	39.390	ug/l	94
69) o-Xylene	12.032	106	140220	19.745	ug/l	94
70) Styrene	12.044	104	238668	19.990	ug/l	96
71) Bromoform	12.209	173	48810	19.156	ug/l #	98
73) Isopropylbenzene	12.331	105	370241	19.577	ug/l	99
74) N-amyl acetate	12.142	43	108380	19.424	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	79834	19.611	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	58520m	19.109	ug/l	
77) Bromobenzene	12.605	156	85508	19.786	ug/l	99
78) n-propylbenzene	12.672	91	449674	19.691	ug/l	99
79) 2-Chlorotoluene	12.758	91	253197	19.706	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	309211	19.882	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	27172	18.636	ug/l	87
82) 4-Chlorotoluene	12.855	91	260927	19.549	ug/l	100
83) tert-Butylbenzene	13.075	119	278939	20.042	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	299692	19.657	ug/l	98
85) sec-Butylbenzene	13.251	105	410427	19.677	ug/l	100
86) p-Isopropyltoluene	13.367	119	337570	19.936	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	167895	19.892	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	168196	19.883	ug/l	97
89) n-Butylbenzene	13.696	91	322361	19.837	ug/l	99
90) Hexachloroethane	13.959	117	67368	19.933	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	150793	19.862	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13020	18.590	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	90168	18.788	ug/l	97
94) Hexachlorobutadiene	15.111	225	47246	18.453	ug/l	99
95) Naphthalene	15.233	128	206046	19.243	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	79875	18.870	ug/l	98

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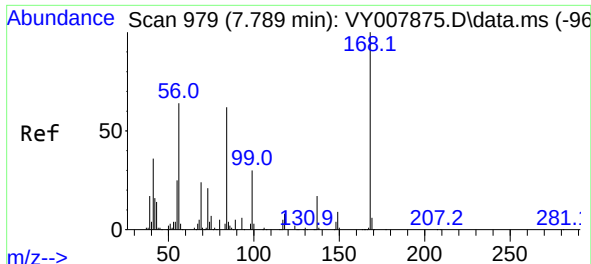
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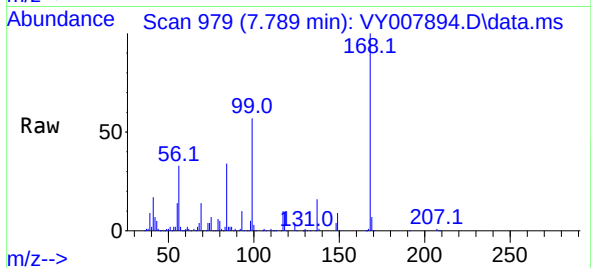
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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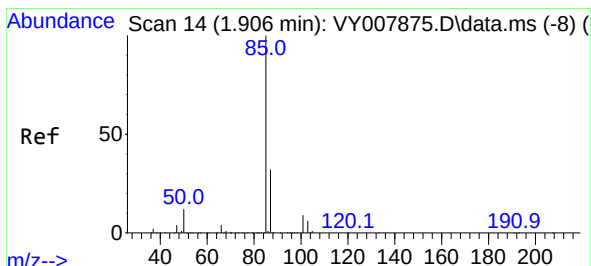
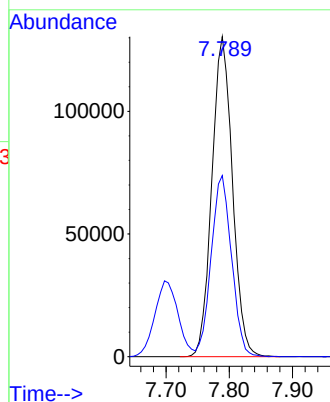
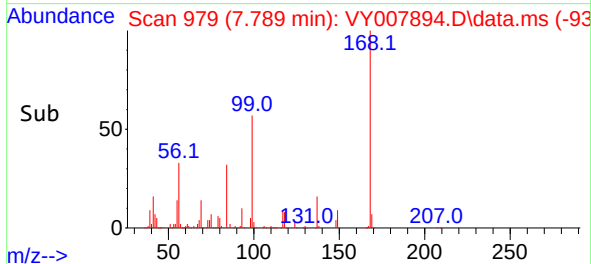
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 29438
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3

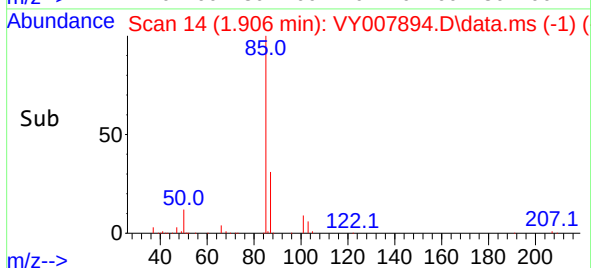
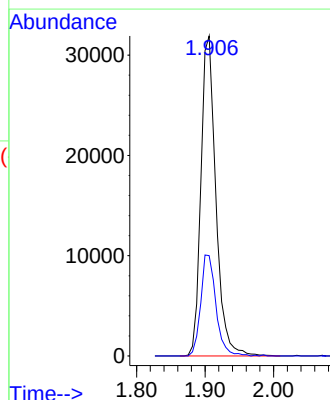
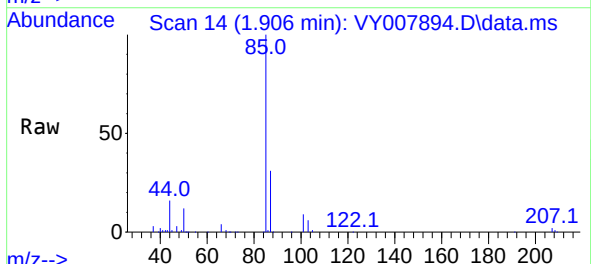
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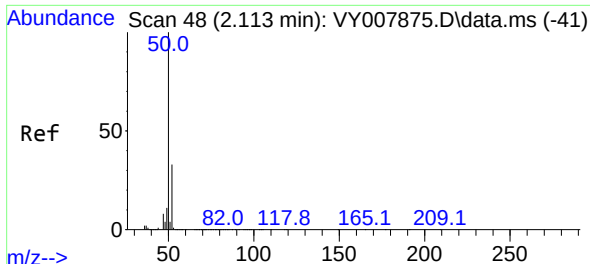
Reviewed By :John Carlone 03/21/2022
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#2
Dichlorodifluoromethane
Concen: 22.707 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

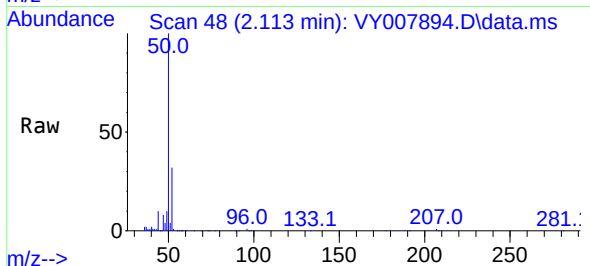
Tgt Ion: 85 Resp: 48537
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2





#3
Chloromethane
Concen: 23.522 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

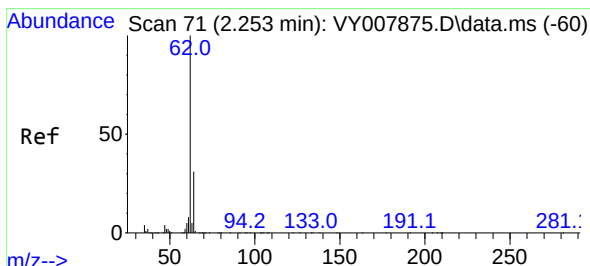
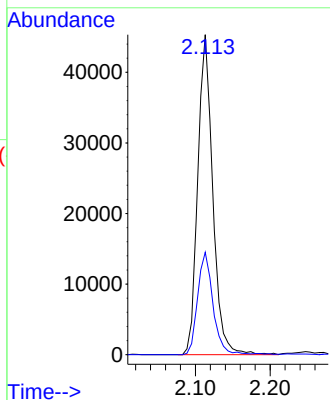
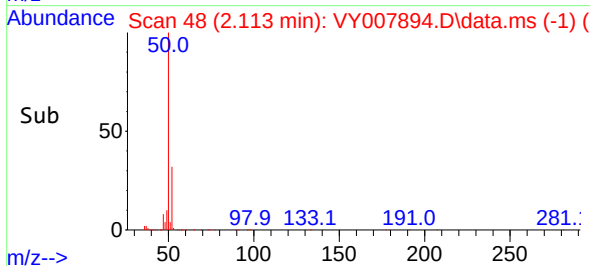
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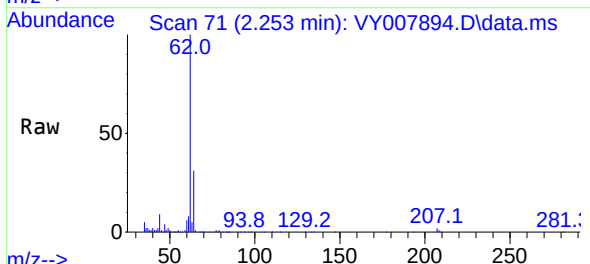
Tgt Ion: 50 Resp: 63229
Ion Ratio Lower Upper
50 100
52 32.0 24.6 37.0

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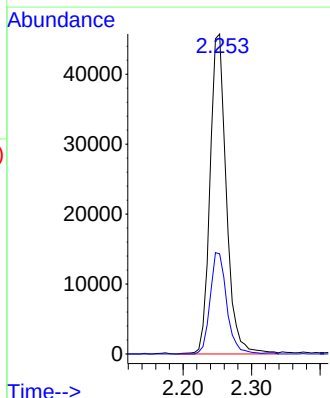
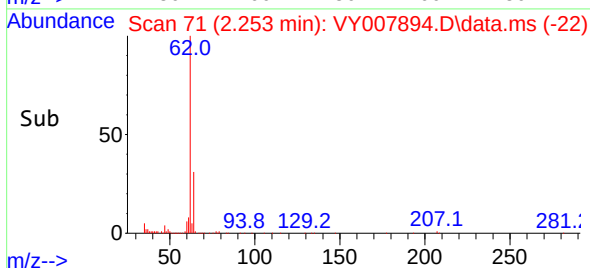
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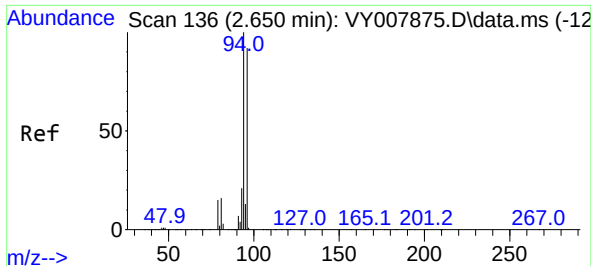


#4
Vinyl Chloride
Concen: 23.373 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



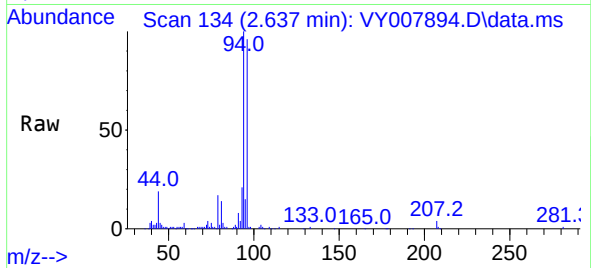
Tgt Ion: 62 Resp: 75652
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.6





#5
Bromomethane
Concen: 26.294 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

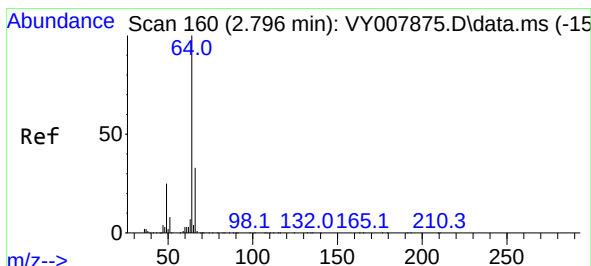
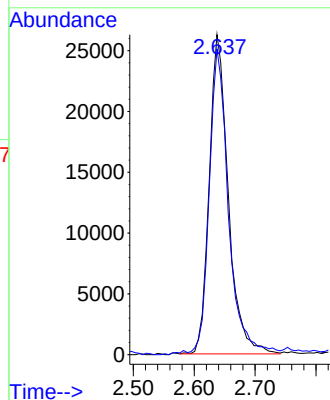
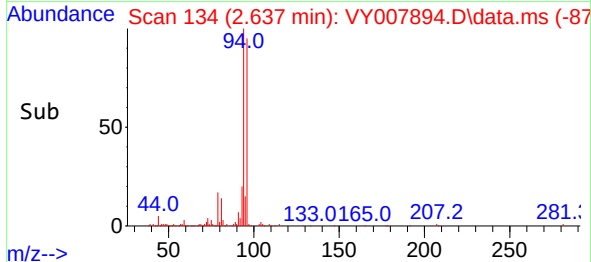
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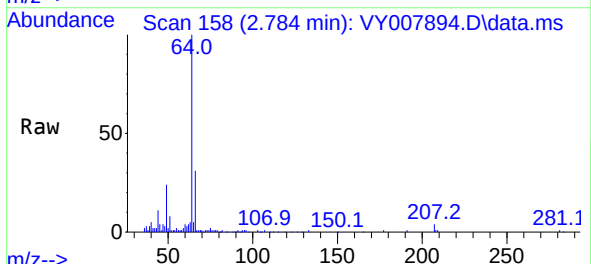
Tgt Ion: 94 Resp: 5726
Ion Ratio Lower Upper
94 100
96 95.2 73.5 110.3

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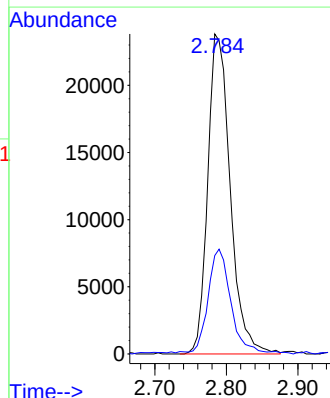
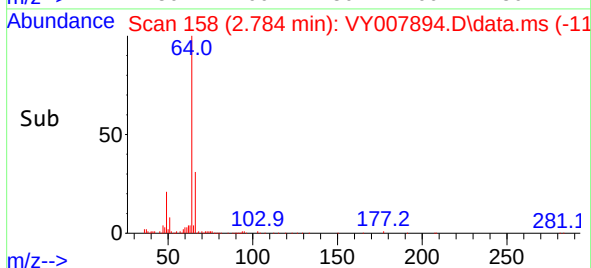
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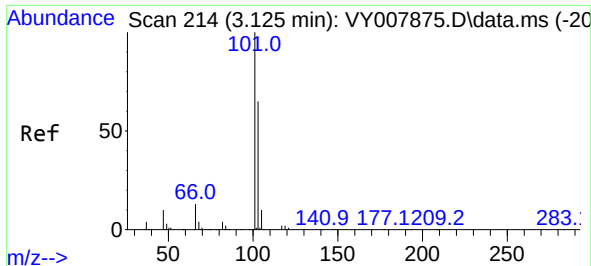


#6
Chloroethane
Concen: 21.626 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY007894.D
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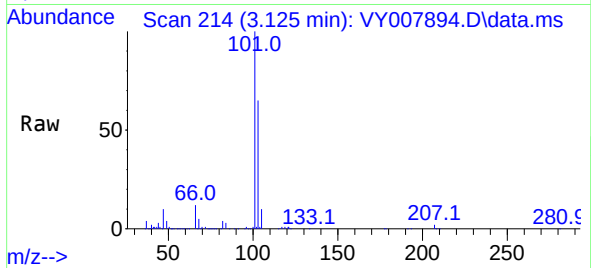
Tgt Ion: 64 Resp: 52064
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.0





#7
Trichlorofluoromethane
Concen: 21.004 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY007894.D
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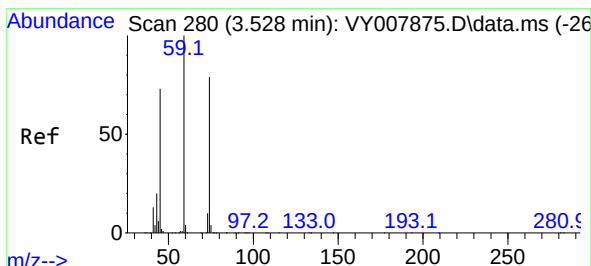
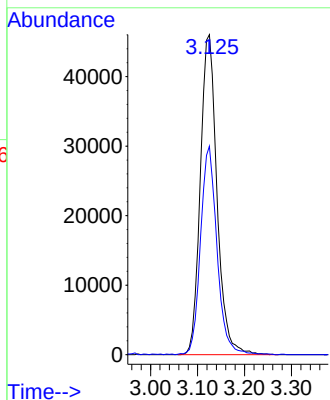
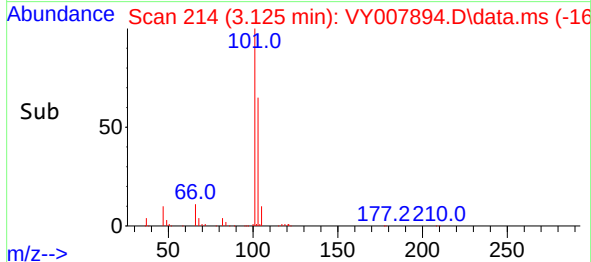
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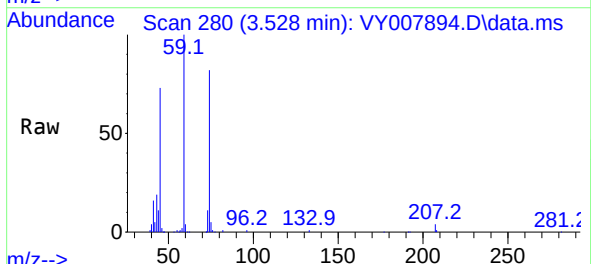
Tgt Ion:101 Resp: 11337
Ion Ratio Lower Upper
101 100
103 65.2 48.0 72.0

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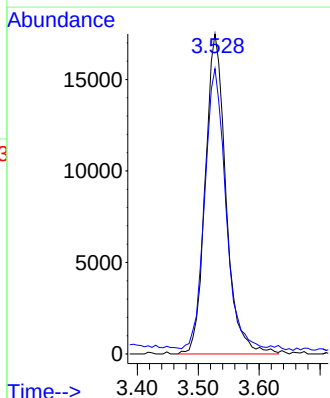
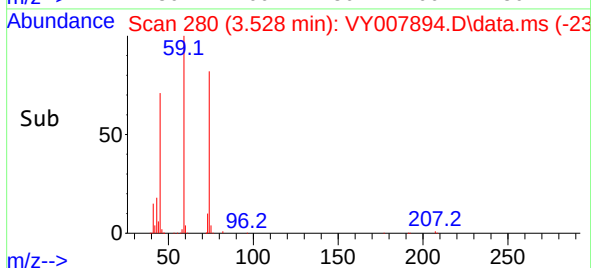
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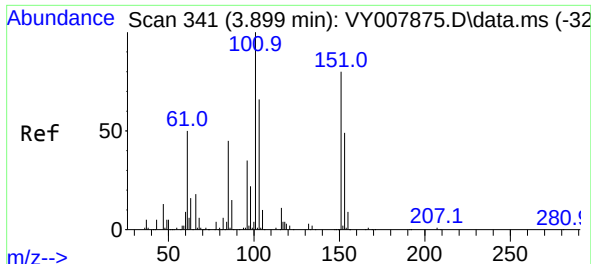


#8
Diethyl Ether
Concen: 20.609 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 41283
Ion Ratio Lower Upper
74 100
45 88.8 55.1 165.5





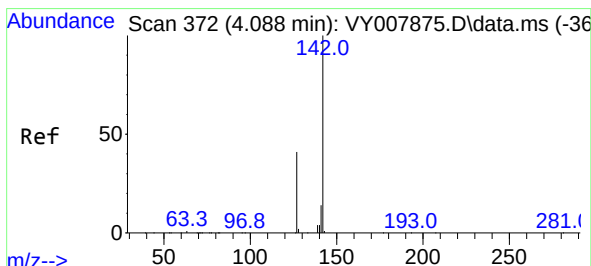
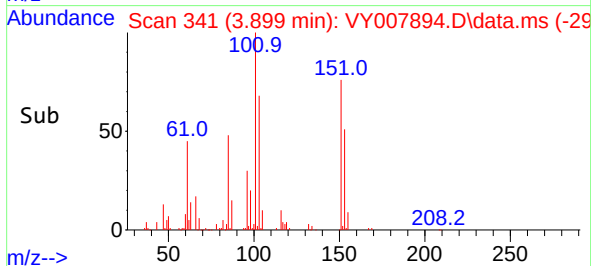
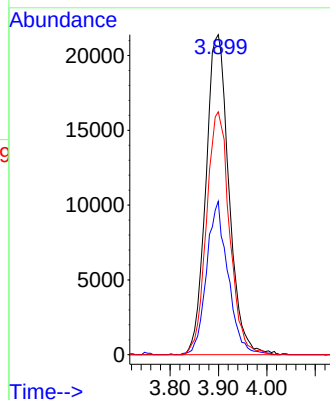
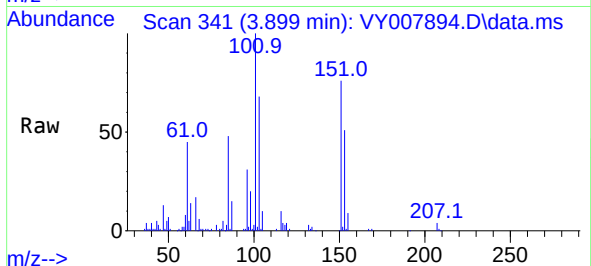
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.325 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tgt Ion:101 Resp: 7085
Ion Ratio Lower Upper
101 100
85 44.7 40.6 60.8
151 75.8 64.9 97.3

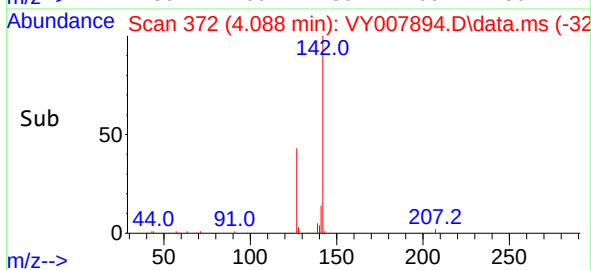
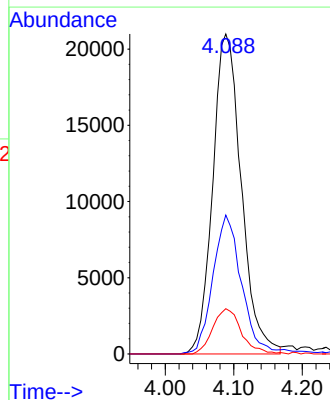
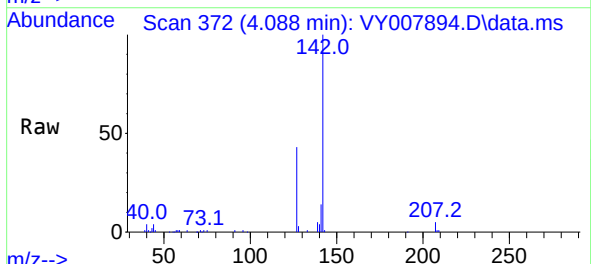
Manual Integrations
APPROVED

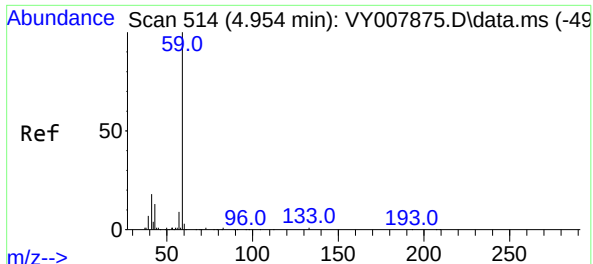
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#10
Methyl Iodide
Concen: 18.848 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

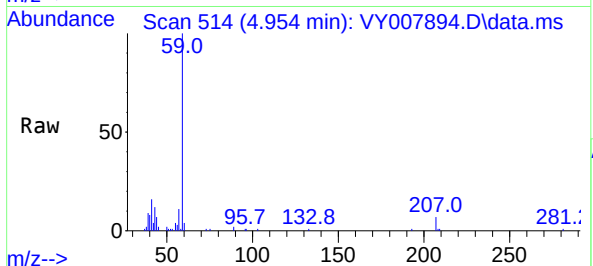
Tgt Ion:142 Resp: 60737
Ion Ratio Lower Upper
142 100
127 44.1 41.5 62.3
141 14.2 11.9 17.9





#11
Tert butyl alcohol
Concen: 101.440 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

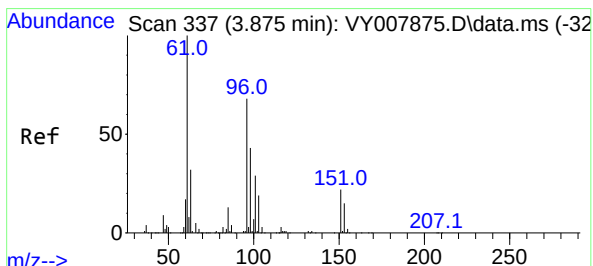
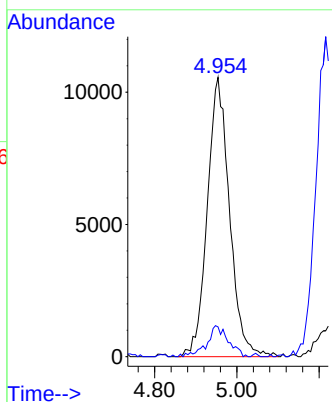
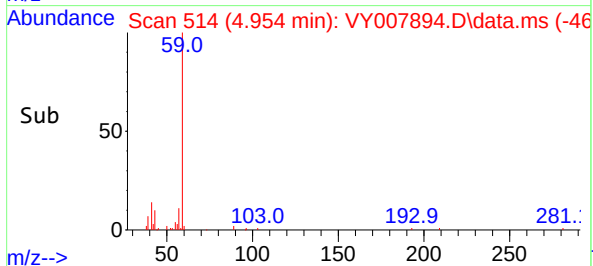
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



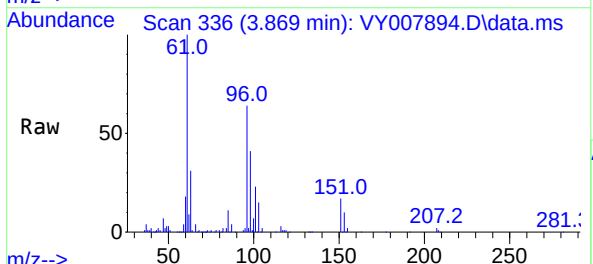
Tgt Ion: 59 Resp: 3966
Ion Ratio Lower Upper
59 100
57 10.7 6.4 9.6

Manual Integrations
APPROVED

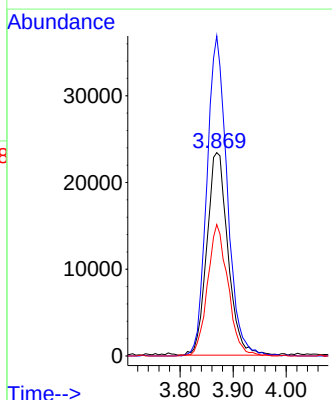
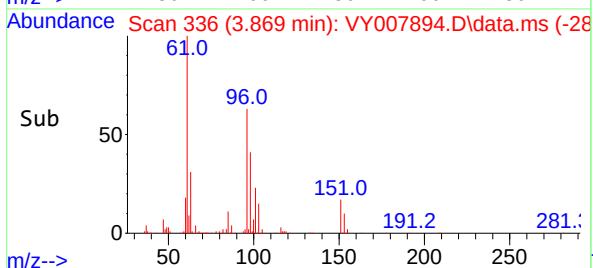
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

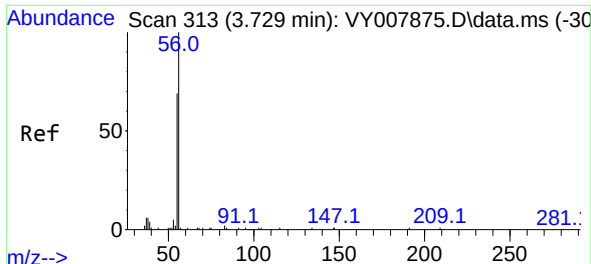


#12
1,1-Dichloroethene
Concen: 20.252 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



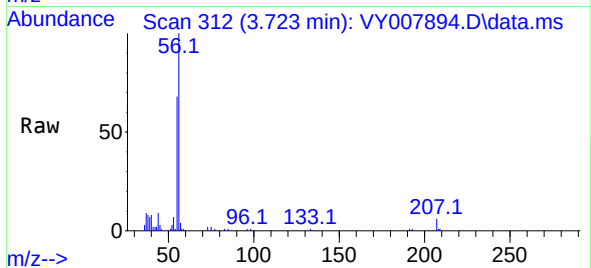
Tgt Ion: 96 Resp: 64737
Ion Ratio Lower Upper
96 100
61 157.7 145.8 218.6
98 64.9 52.5 78.7





#13
Acrolein
Concen: 117.562 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

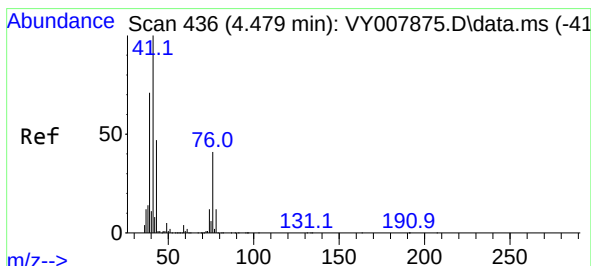
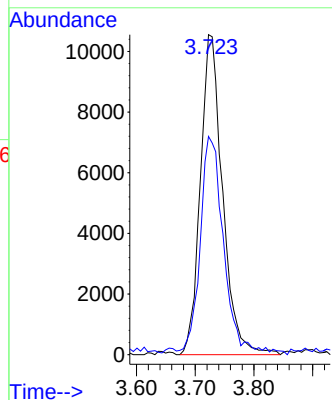
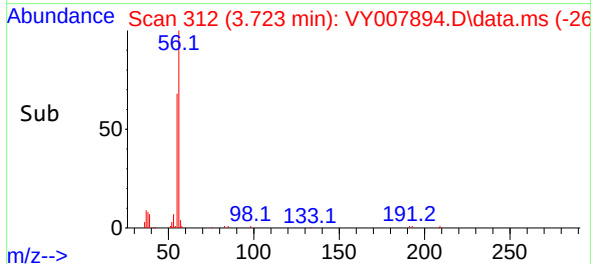
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



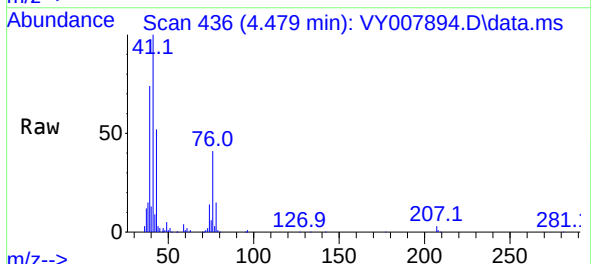
Tgt Ion: 56 Resp: 27688
Ion Ratio Lower Upper
56 100
55 72.7 57.6 86.4

Manual Integrations
APPROVED

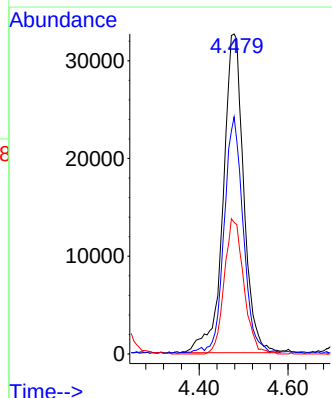
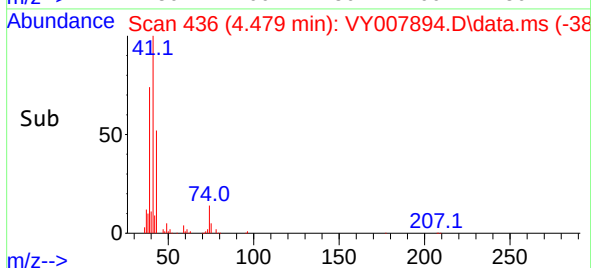
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

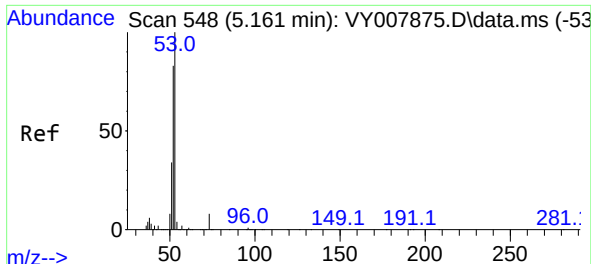


#14
Allyl chloride
Concen: 19.454 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



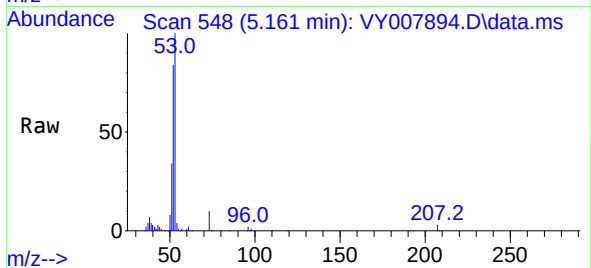
Tgt Ion: 41 Resp: 104599
Ion Ratio Lower Upper
41 100
39 67.6 58.8 88.2
76 40.2 25.1 37.7





#15
Acrylonitrile
Concen: 101.925 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

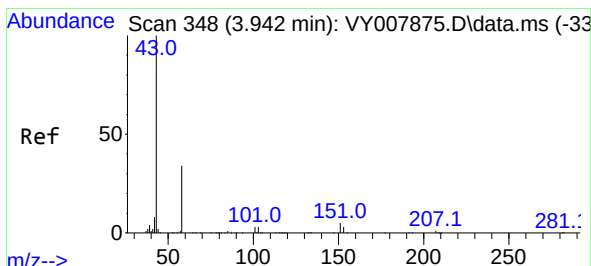
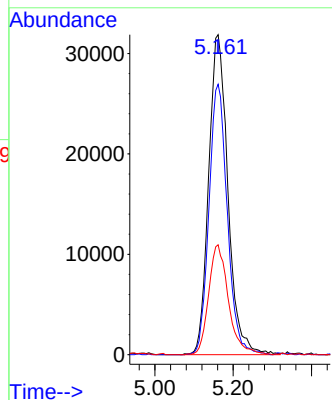
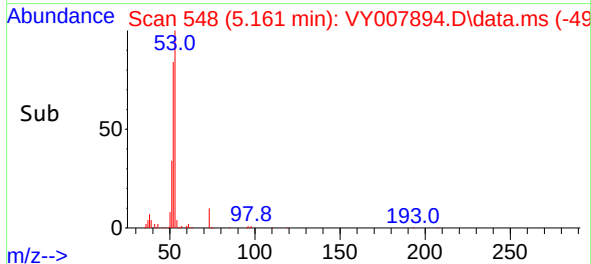
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



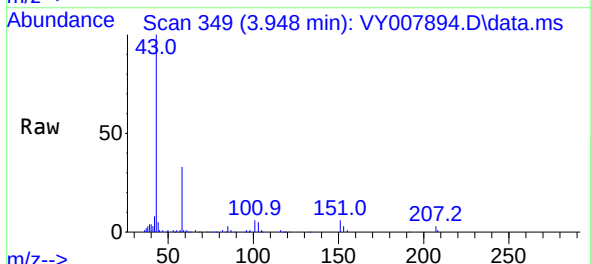
Tgt Ion: 53 Resp: 108810
Ion Ratio Lower Upper
53 100
52 80.5 67.0 100.4
51 35.4 29.8 44.6

Manual Integrations
APPROVED

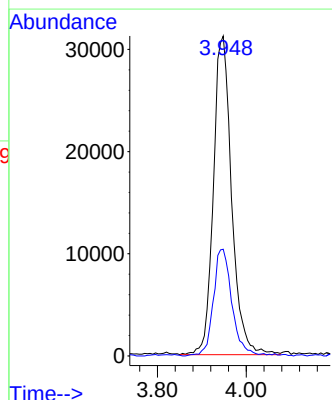
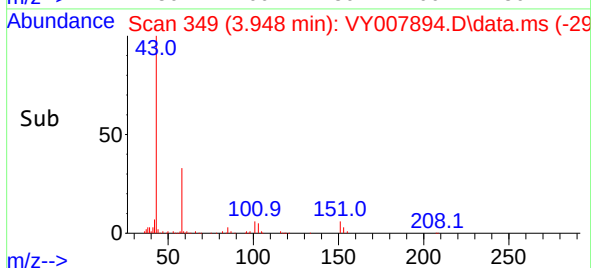
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

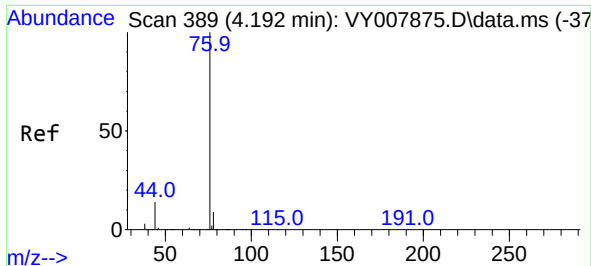


#16
Acetone
Concen: 100.244 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



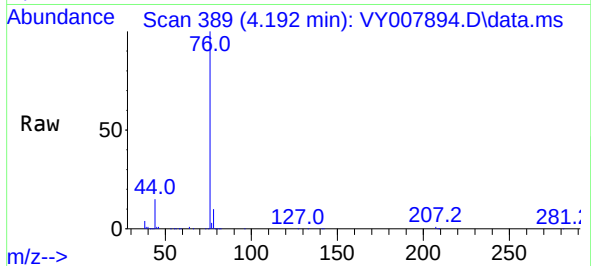
Tgt Ion: 43 Resp: 89261
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#





#17
Carbon Disulfide
Concen: 23.184 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

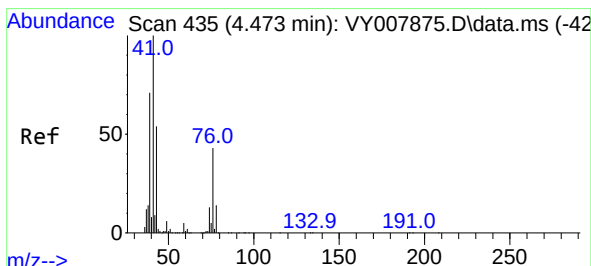
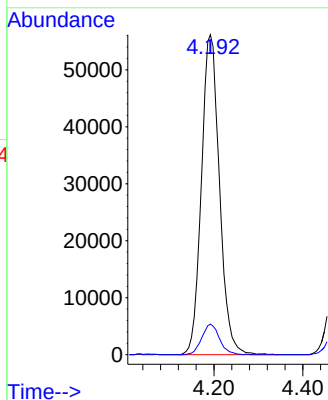
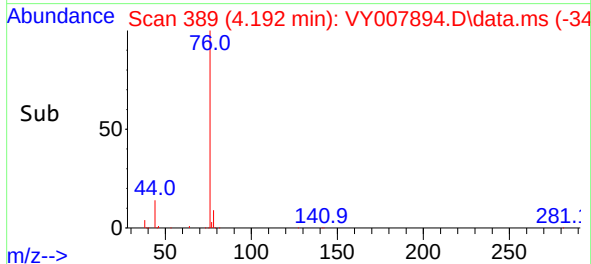
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



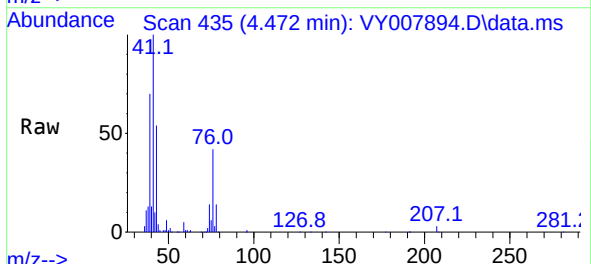
Tgt Ion: 76 Resp: 158940
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

Manual Integrations
APPROVED

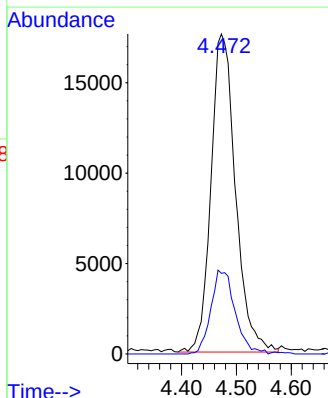
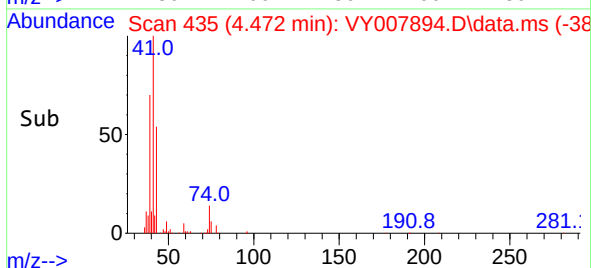
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

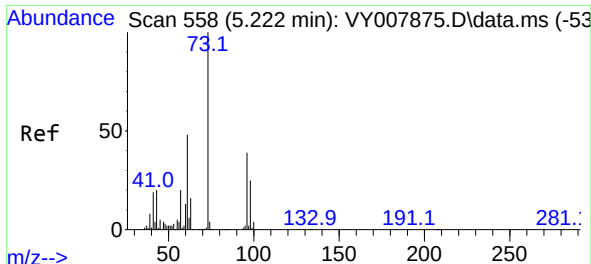


#18
Methyl Acetate
Concen: 22.658 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



Tgt Ion: 43 Resp: 54717
Ion Ratio Lower Upper
43 100
74 25.9 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 20.349 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY007894.D

Acq: 18 Mar 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tgt Ion: 73 Resp: 20403

Ion Ratio Lower Upper

73 100

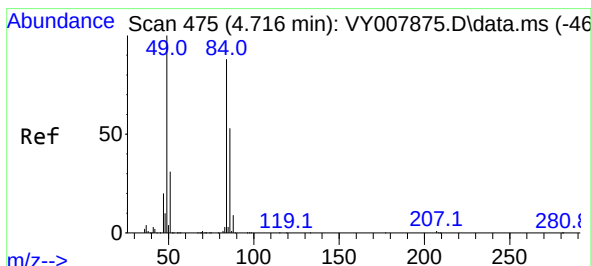
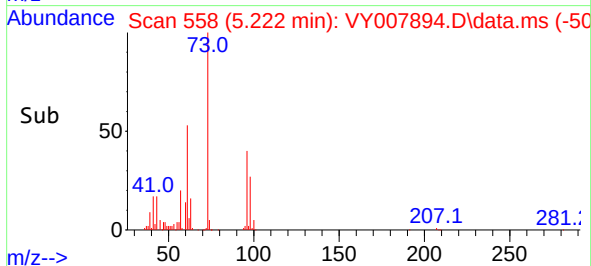
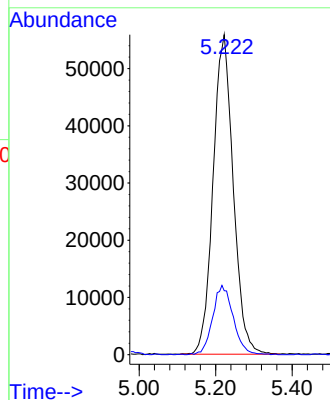
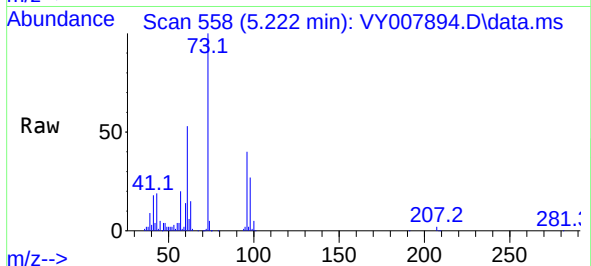
57 20.0 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#20

Methylene Chloride

Concen: 22.820 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY007894.D

Acq: 18 Mar 2022 11:41

Tgt Ion: 84 Resp: 87500

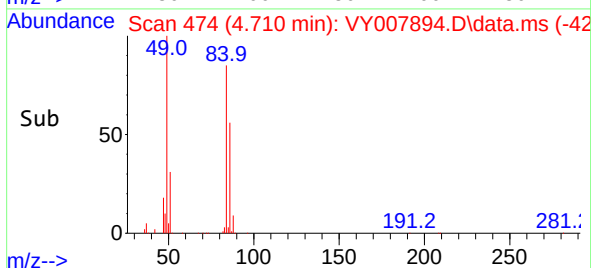
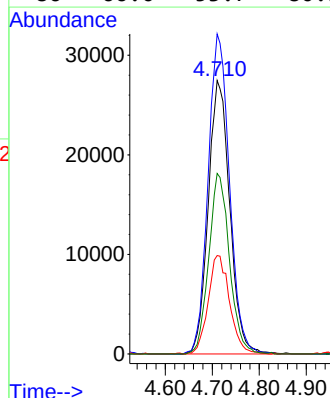
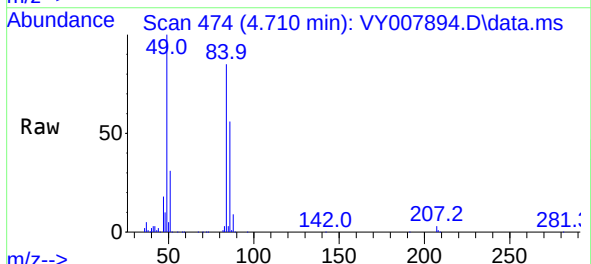
Ion Ratio Lower Upper

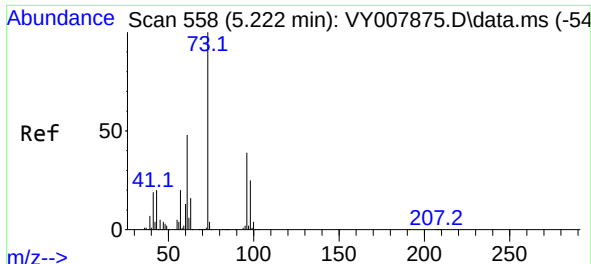
84 100

49 117.0 114.4 171.6

51 36.0 35.3 52.9

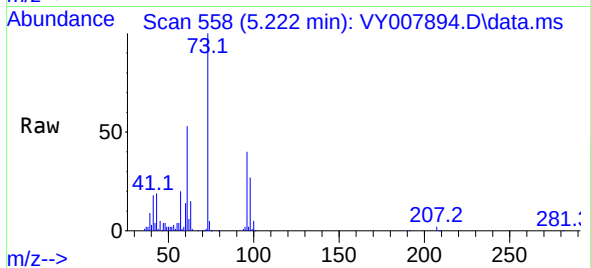
86 66.0 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 20.209 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

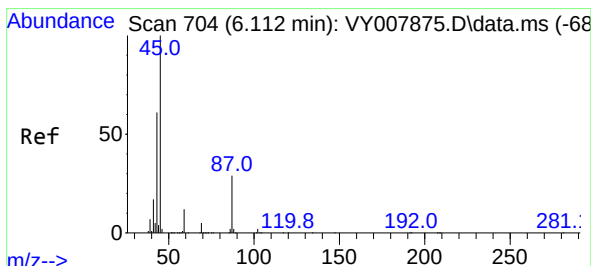
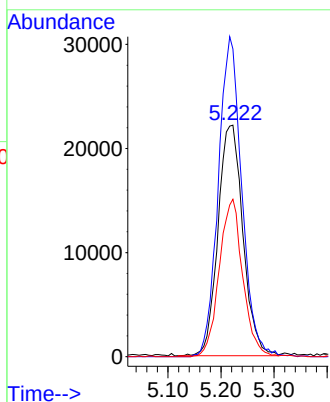
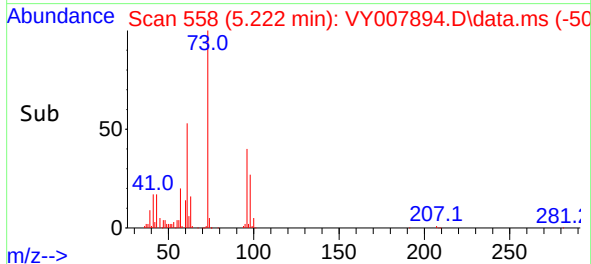
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



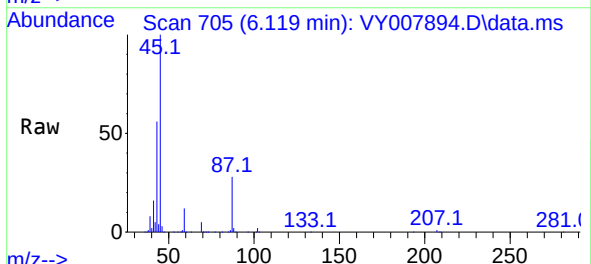
Tgt Ion: 96 Resp: 7232
Ion Ratio Lower Upper
96 100
61 133.5 120.5 180.7
98 68.3 49.8 74.8

Manual Integrations
APPROVED

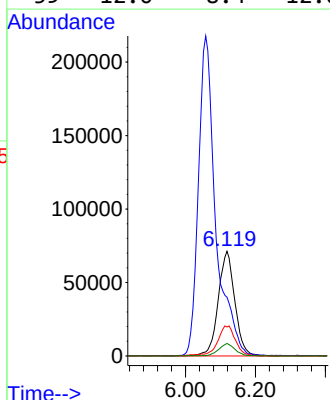
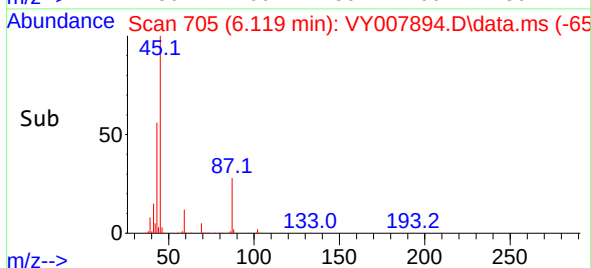
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

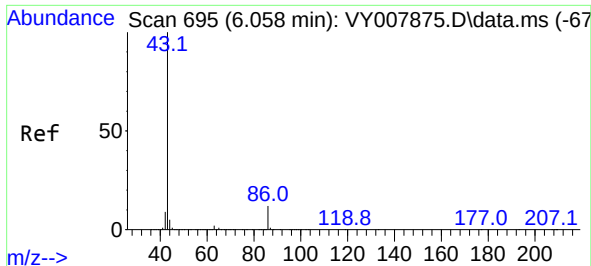


#22
Diisopropyl ether
Concen: 20.237 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



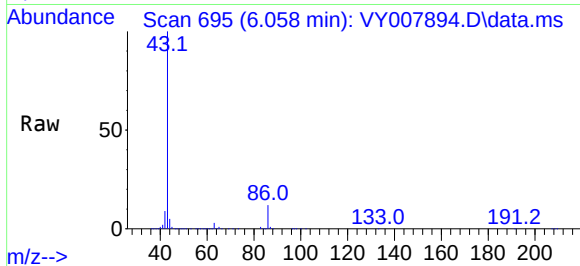
Tgt Ion: 45 Resp: 234090
Ion Ratio Lower Upper
45 100
43 56.0 49.3 73.9
87 27.7 19.2 28.8
59 12.0 8.4 12.6





#23
 Vinyl Acetate
 Concen: 103.047 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY007894.D
 Acq: 18 Mar 2022 11:41

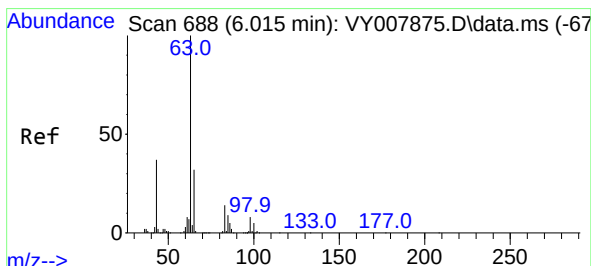
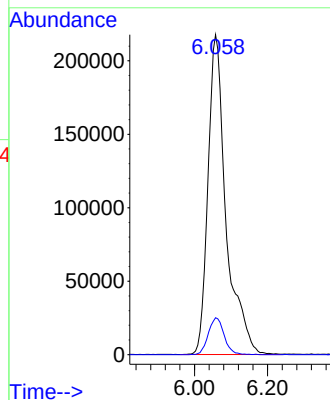
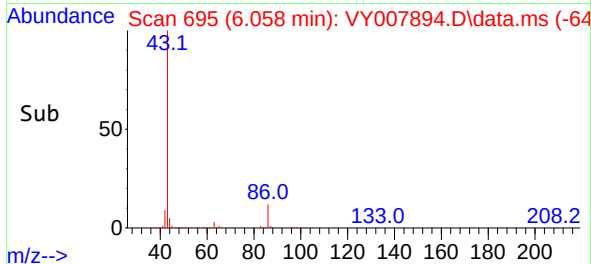
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01



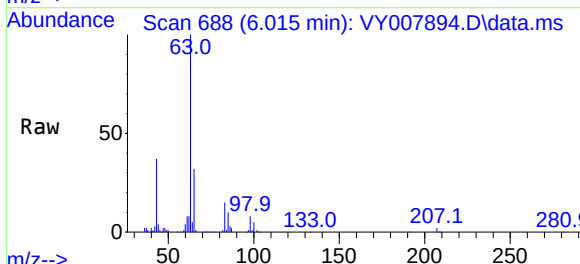
Tgt Ion: 43 Resp: 746572
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7

Manual Integrations
 APPROVED

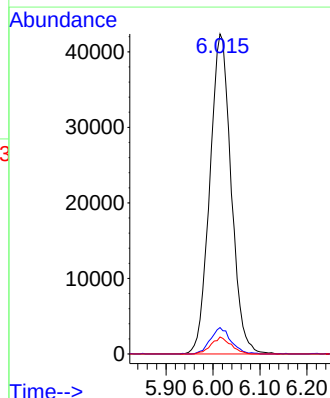
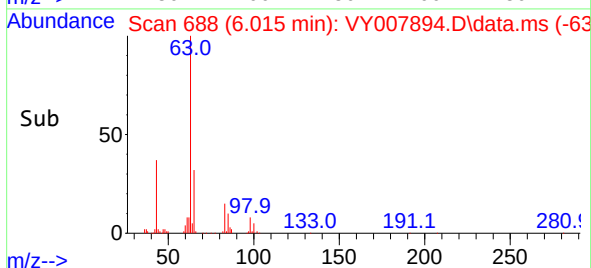
Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022

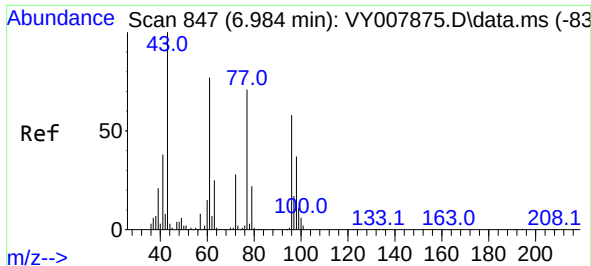


#24
 1,1-Dichloroethane
 Concen: 20.482 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY007894.D
 Acq: 18 Mar 2022 11:41



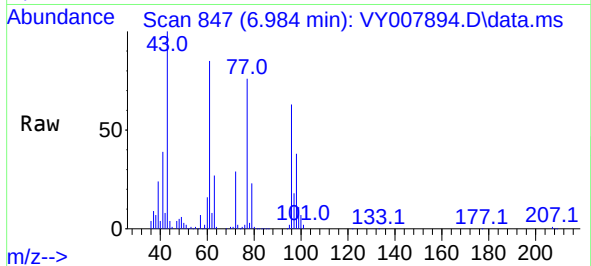
Tgt Ion: 63 Resp: 133449
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.8
 100 5.3 2.0 5.8





#25
2-Butanone
Concen: 99.281 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

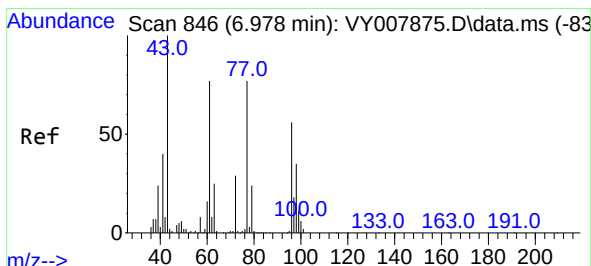
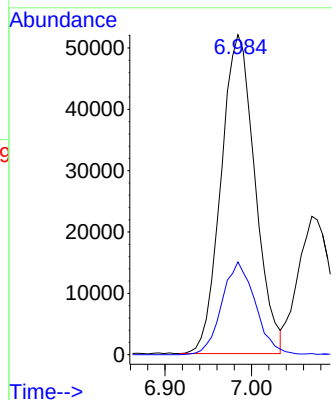
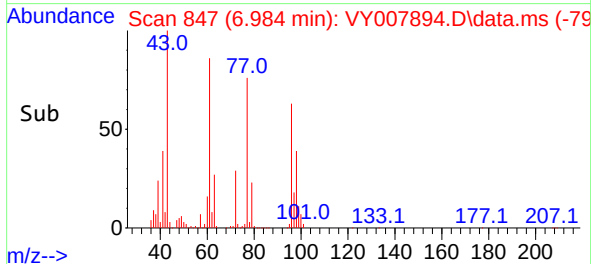
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



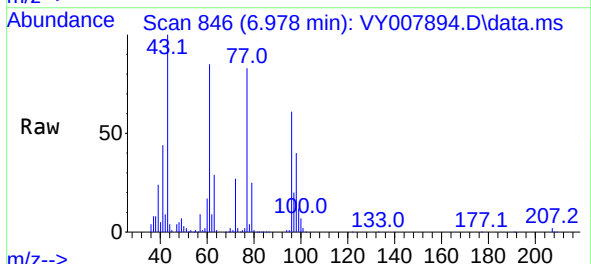
Tgt Ion: 43 Resp: 141600
Ion Ratio Lower Upper
43 100
72 29.1 17.7 26.5

Manual Integrations
APPROVED

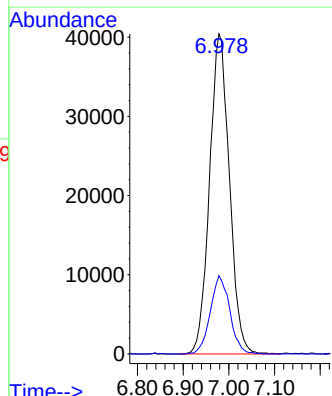
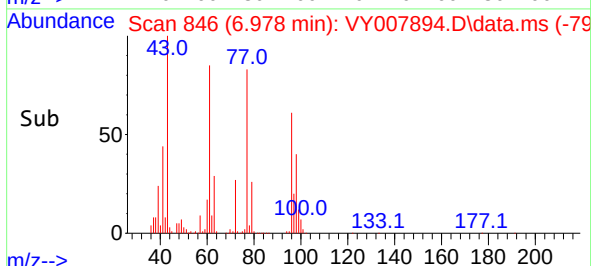
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

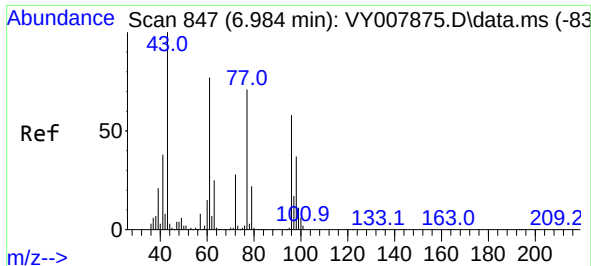


#26
2,2-Dichloropropane
Concen: 20.172 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



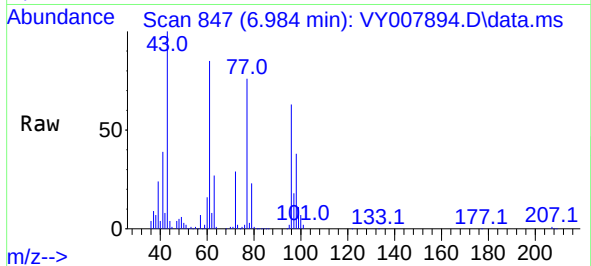
Tgt Ion: 77 Resp: 121812
Ion Ratio Lower Upper
77 100
97 24.1 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 20.565 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

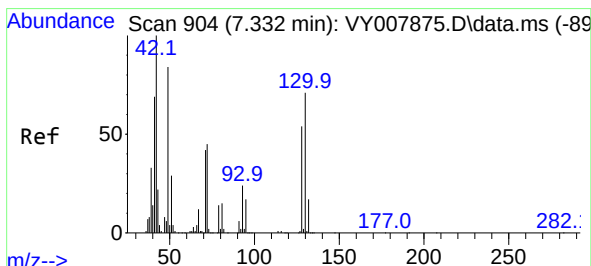
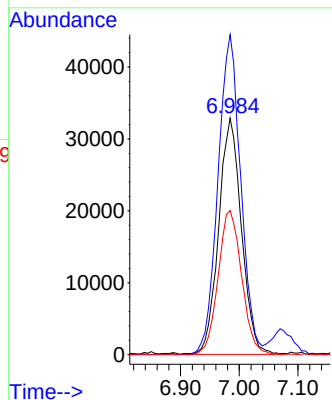
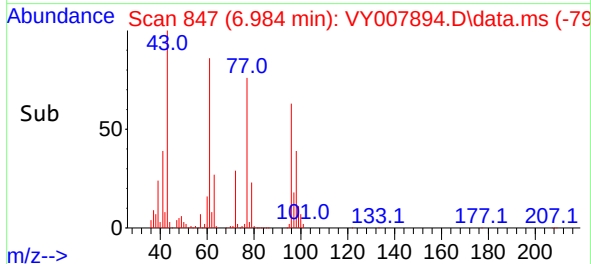
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



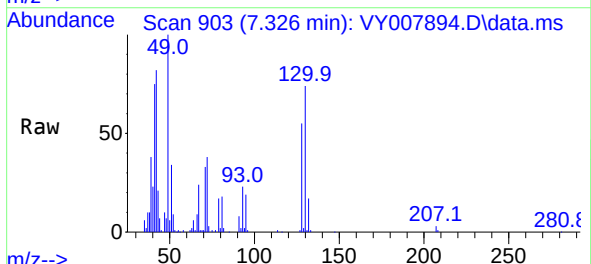
Tgt Ion: 96 Resp: 8833
Ion Ratio Lower Upper
96 100
61 135.7 0.0 319.8
98 63.2 0.0 127.0

Manual Integrations
APPROVED

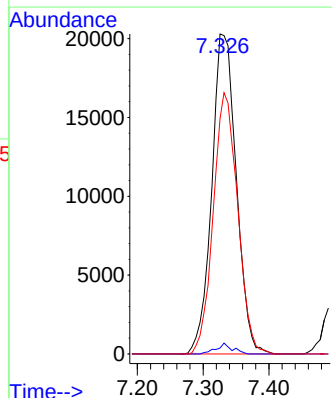
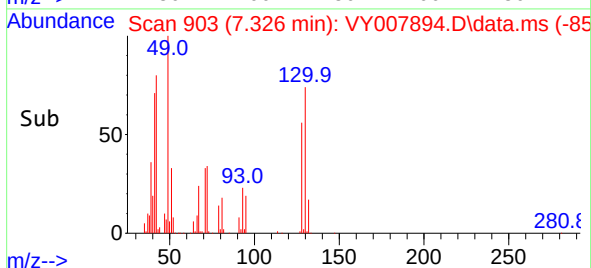
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

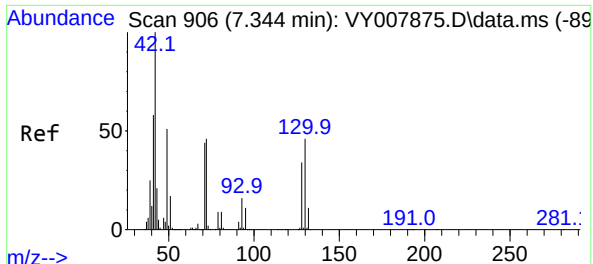


#28
Bromochloromethane
Concen: 20.497 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



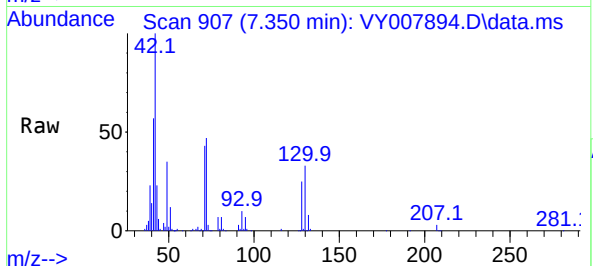
Tgt Ion: 49 Resp: 52748
Ion Ratio Lower Upper
49 100
129 2.2 0.0 2.2#
130 81.0 55.4 83.0





#29
Tetrahydrofuran
Concen: 99.404 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

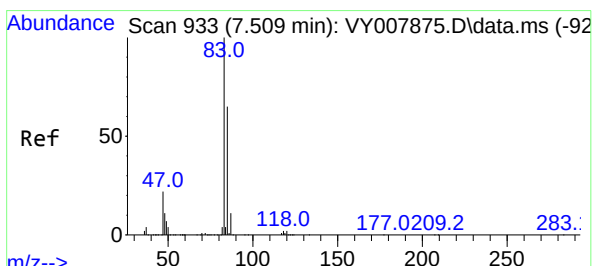
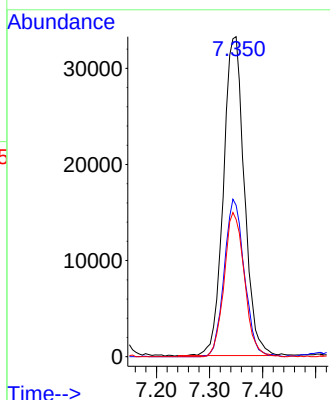
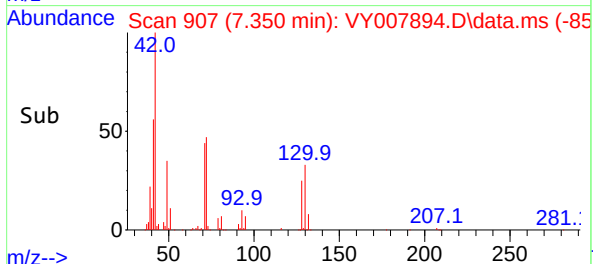
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



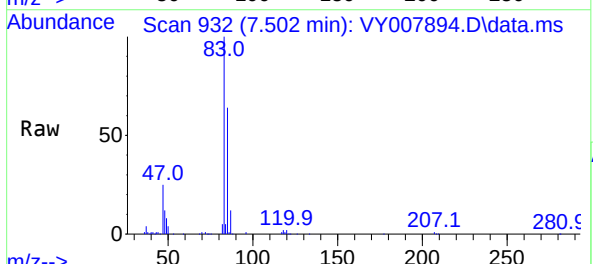
Tgt Ion: 42 Resp: 9084
Ion Ratio Lower Upper
42 100
72 47.6 30.3 45.5
71 43.9 29.0 43.4

Manual Integrations
APPROVED

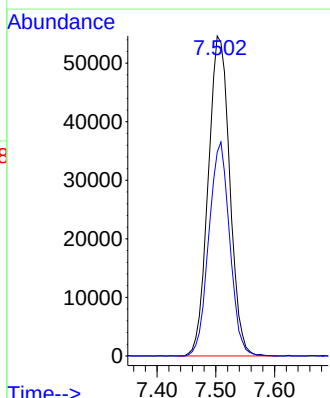
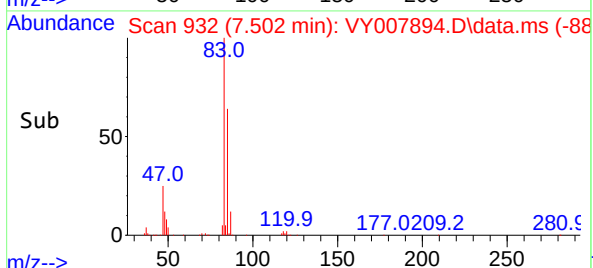
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

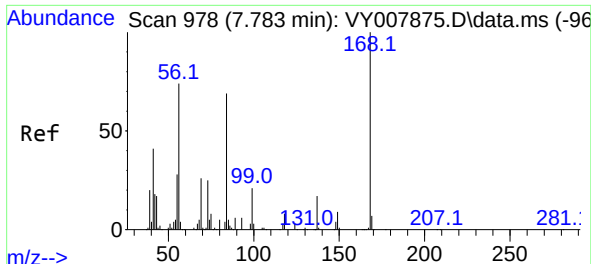


#30
Chloroform
Concen: 20.639 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



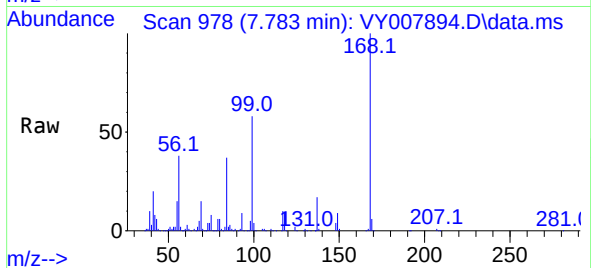
Tgt Ion: 83 Resp: 138991
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.6





#31
Cyclohexane
Concen: 21.411 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

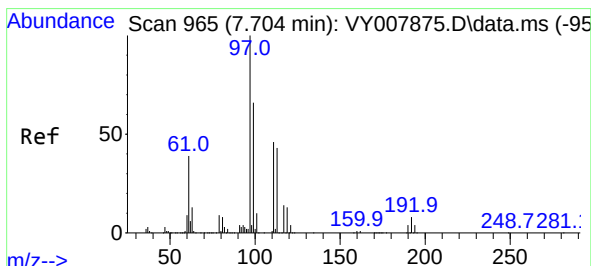
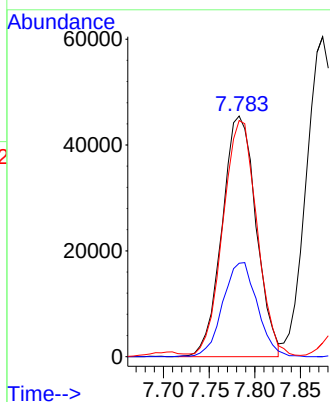
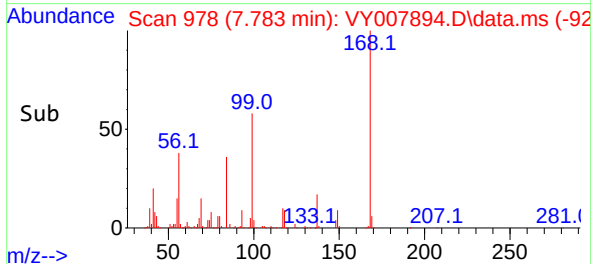
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



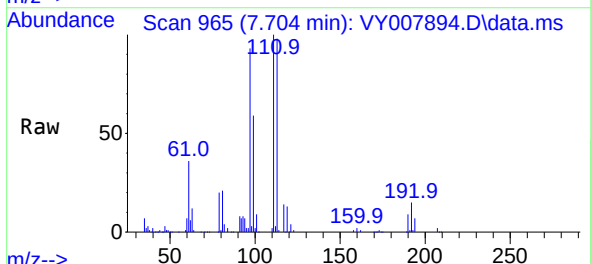
Tgt Ion: 56 Resp: 11789
Ion Ratio Lower Upper
56 100
69 38.6 26.7 40.1
84 96.8 67.2 100.8

Manual Integrations
APPROVED

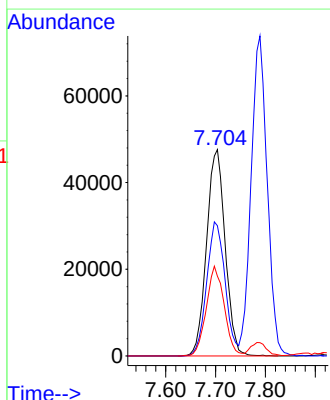
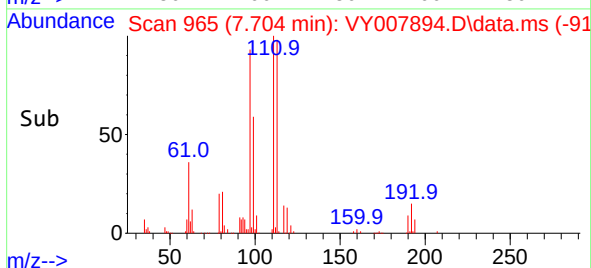
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

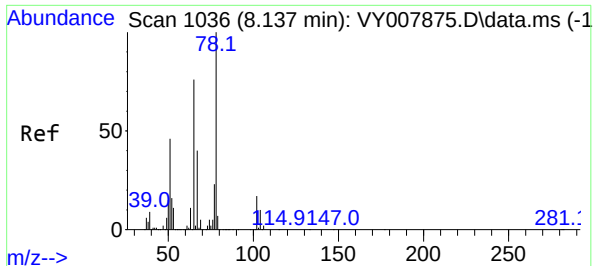


#32
1,1,1-Trichloroethane
Concen: 20.356 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



Tgt Ion: 97 Resp: 123472
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 42.0 37.6 56.4





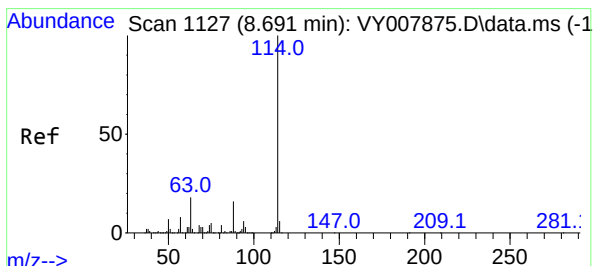
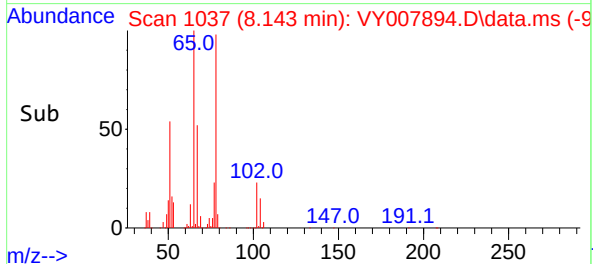
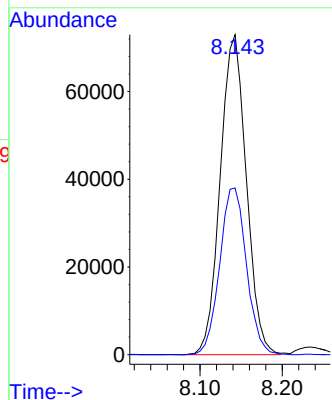
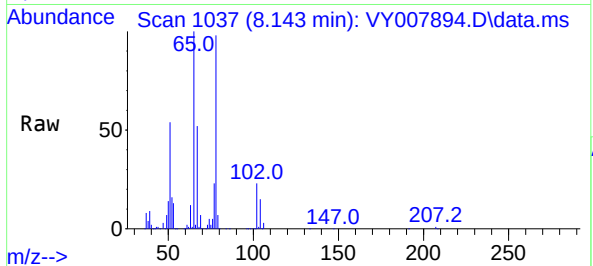
#33
1,2-Dichloroethane-d4
Concen: 47.927 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tgt Ion: 65 Resp: 160870
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4

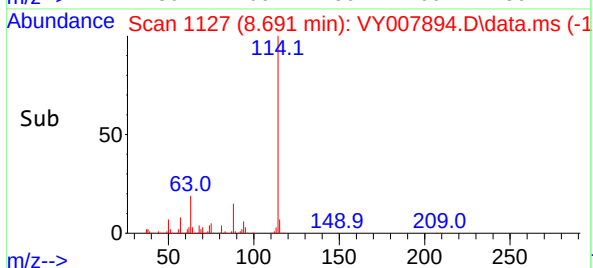
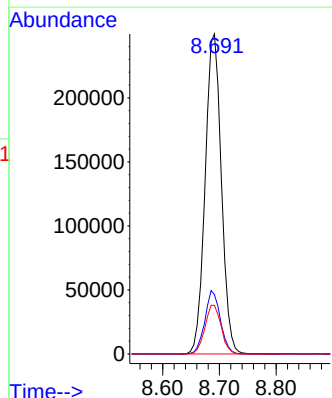
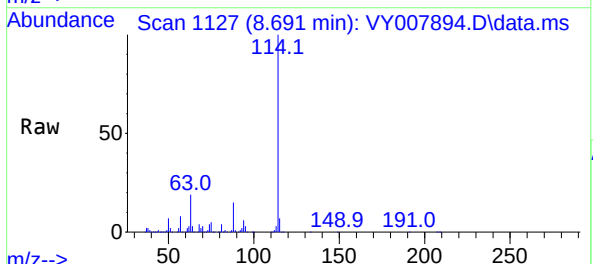
Manual Integrations
APPROVED

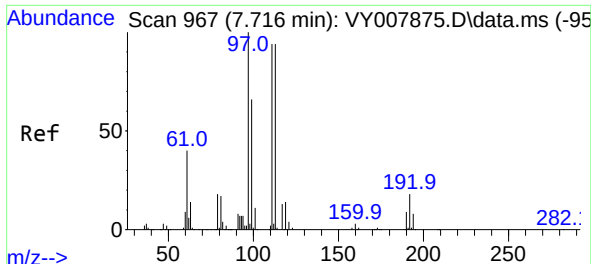
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

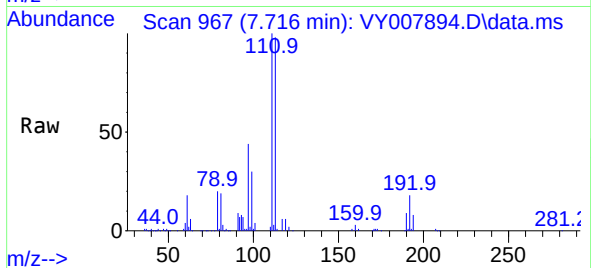
Tgt Ion:114 Resp: 495631
Ion Ratio Lower Upper
114 100
63 18.6 0.0 43.2
88 15.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 48.116 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

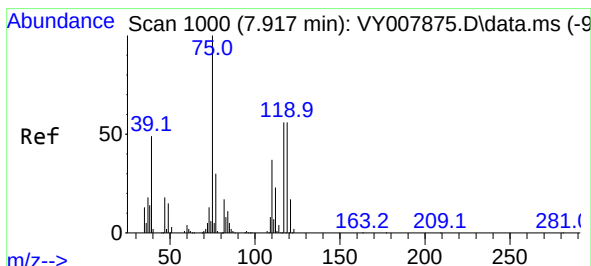
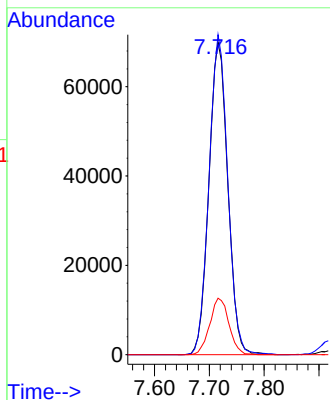
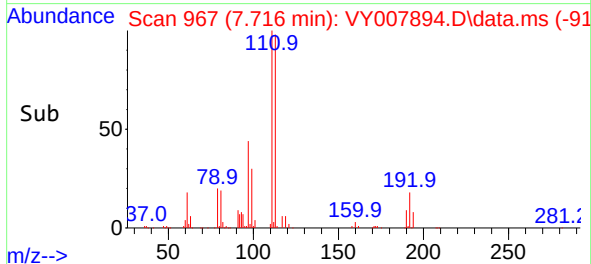
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



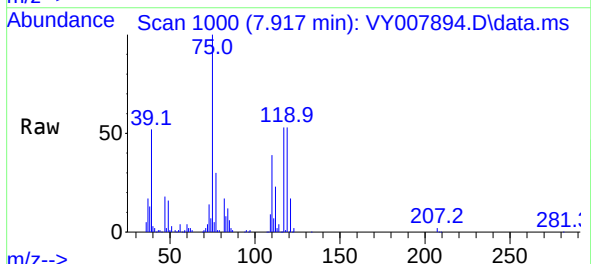
Tgt Ion:113 Resp: 167480
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 18.4 17.6 26.4

Manual Integrations
APPROVED

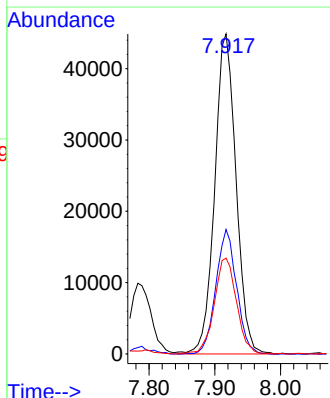
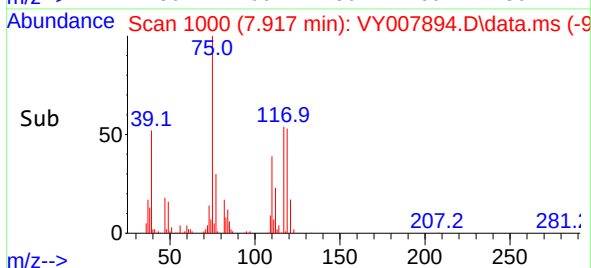
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

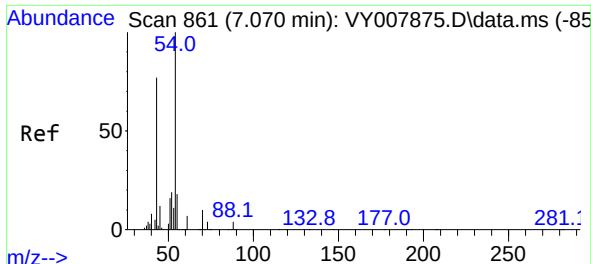


#36
1,1-Dichloropropene
Concen: 19.628 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



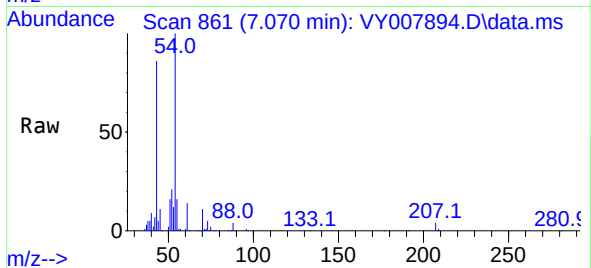
Tgt Ion: 75 Resp: 101332
Ion Ratio Lower Upper
75 100
110 37.8 17.1 51.2
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 19.483 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

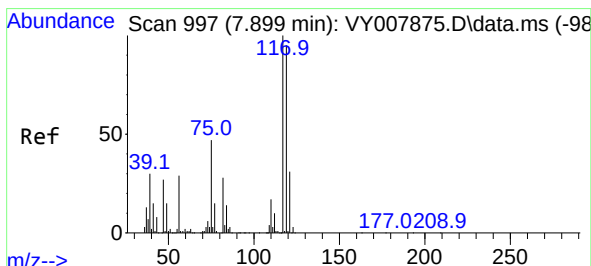
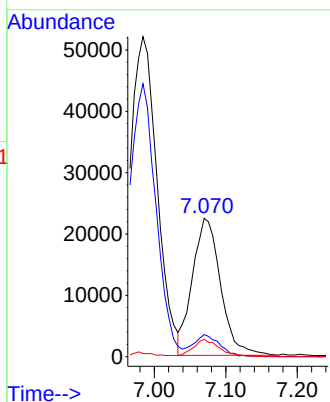
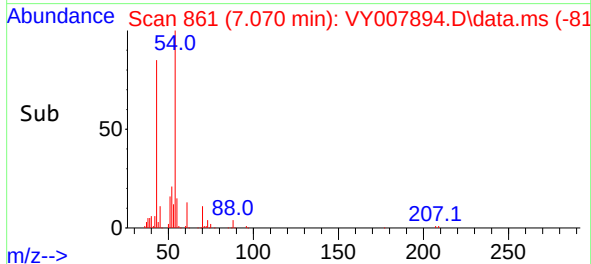
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



Tgt Ion: 43 Resp: 61374
Ion Ratio Lower Upper
43 100
61 15.2 9.7 14.5
70 11.7 7.1 10.7

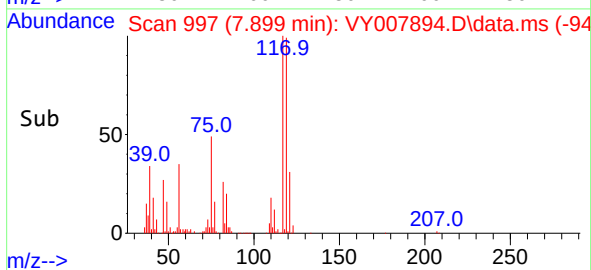
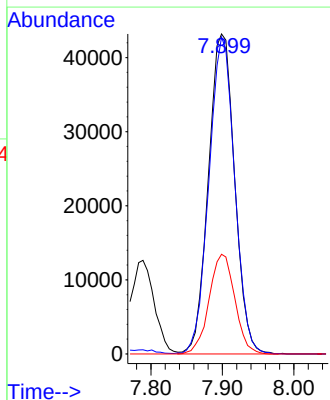
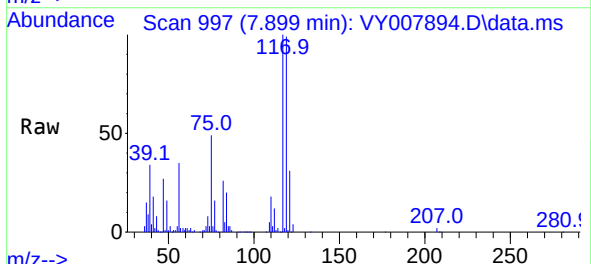
Manual Integrations
APPROVED

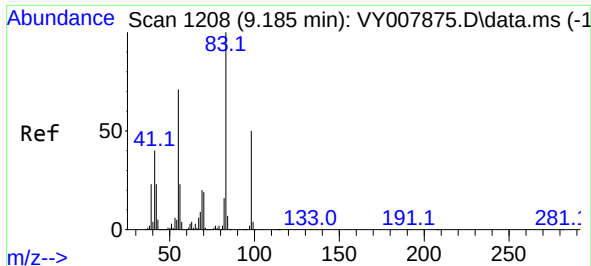
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#38
Carbon Tetrachloride
Concen: 19.917 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

Tgt Ion:117 Resp: 109876
Ion Ratio Lower Upper
117 100
119 98.9 77.9 116.9
121 31.2 24.8 37.2





#39

Methylcyclohexane

Concen: 21.018 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007894.D

Acq: 18 Mar 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tgt Ion: 83 Resp: 13081

Ion Ratio Lower Upper

83 100

55 72.0 66.5 99.7

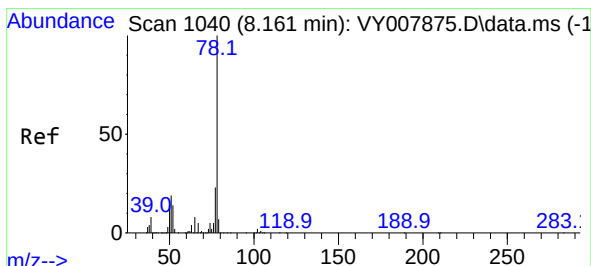
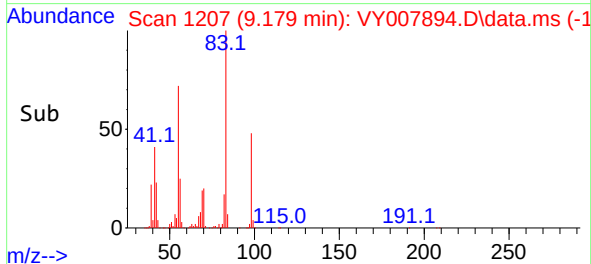
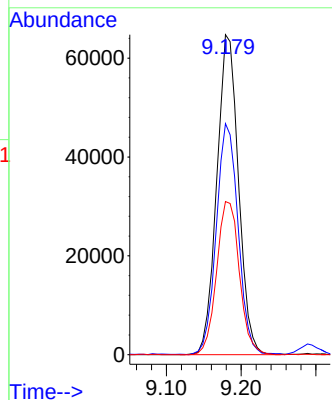
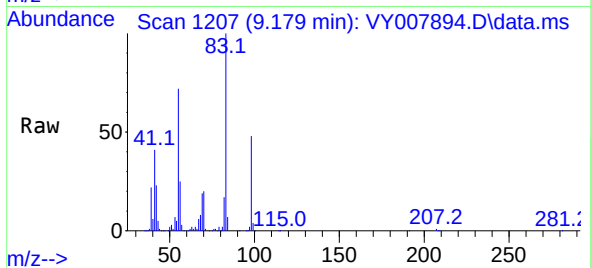
98 47.9 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#40

Benzene

Concen: 19.792 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY007894.D

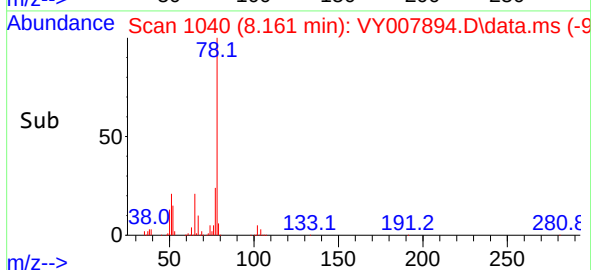
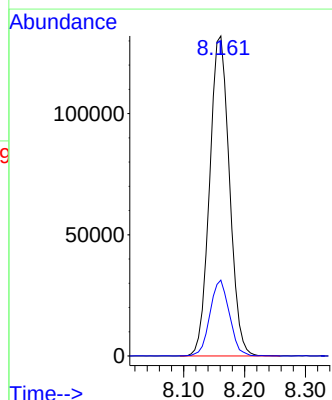
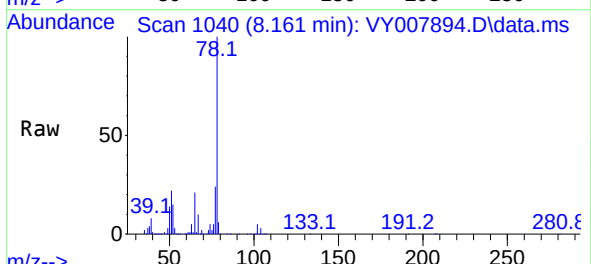
Acq: 18 Mar 2022 11:41

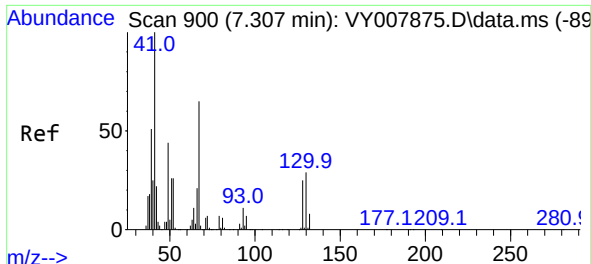
Tgt Ion: 78 Resp: 298596

Ion Ratio Lower Upper

78 100

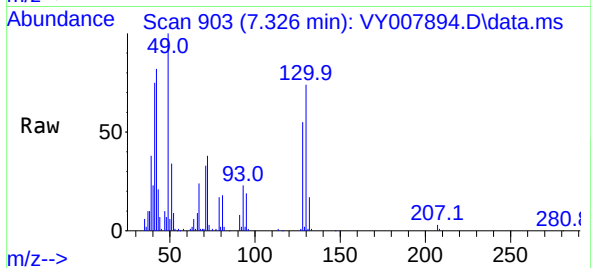
77 23.7 20.4 30.6





#41
Methacrylonitrile
Concen: 19.774 ug/l m
RT: 7.326 min Scan# 900
Delta R.T. 0.018 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

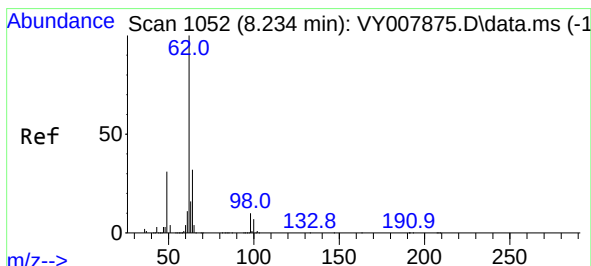
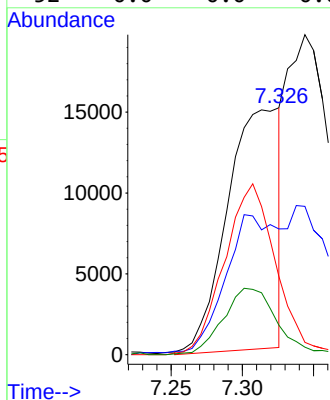
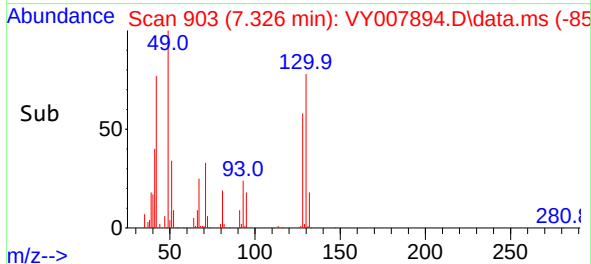
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



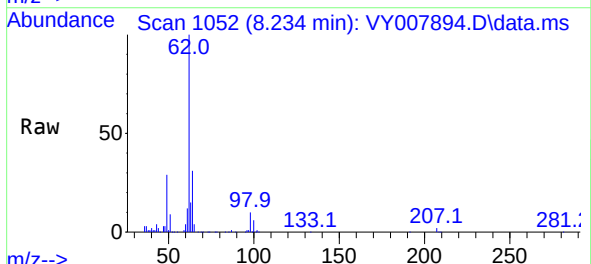
Tgt Ion: 41 Resp: 38415
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
APPROVED

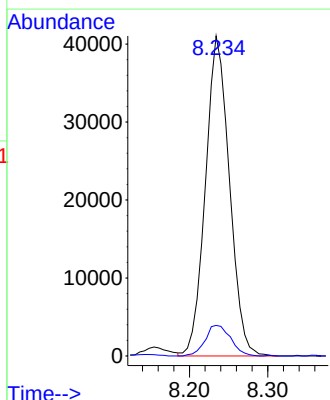
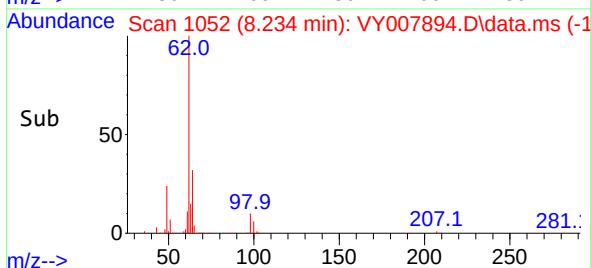
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

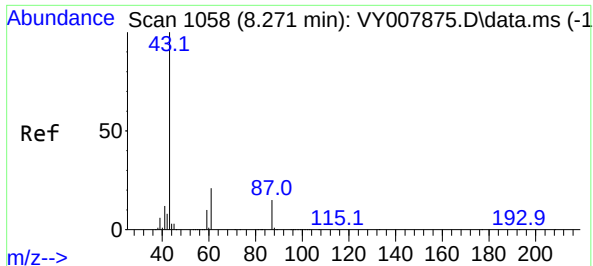


#42
1,2-Dichloroethane
Concen: 19.977 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



Tgt Ion: 62 Resp: 87262
Ion Ratio Lower Upper
62 100
98 10.2 0.0 14.8





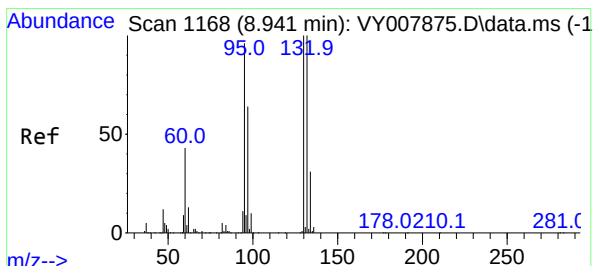
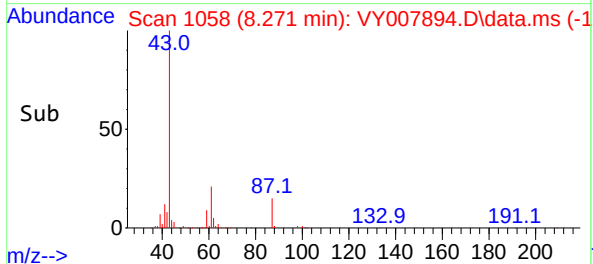
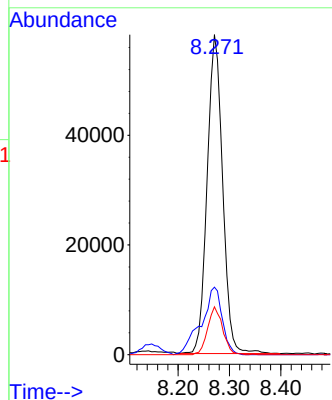
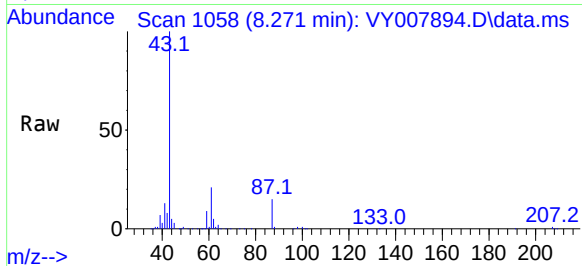
#43
Isopropyl Acetate
Concen: 20.001 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tgt Ion: 43 Resp: 121469
Ion Ratio Lower Upper
43 100
61 28.7 20.2 30.2
87 14.5 8.9 13.3

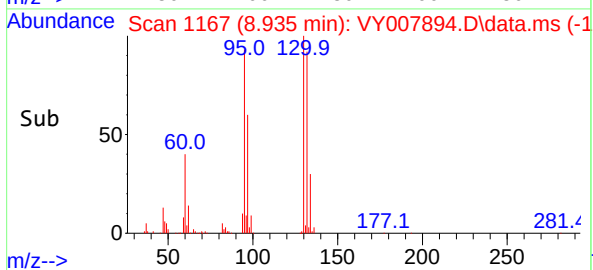
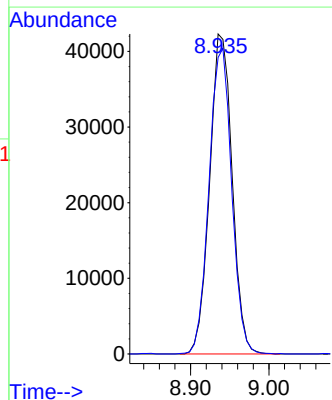
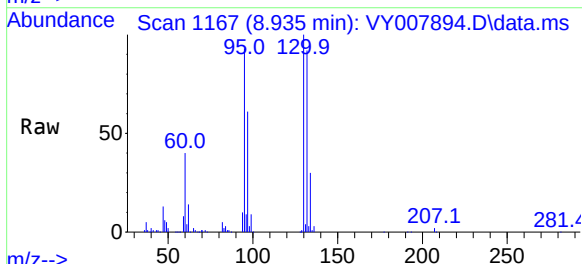
Manual Integrations
APPROVED

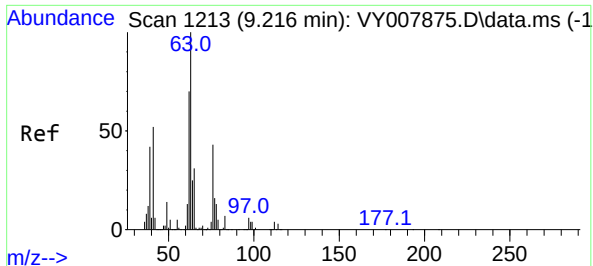
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#44
Trichloroethene
Concen: 20.200 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

Tgt Ion:130 Resp: 84270
Ion Ratio Lower Upper
130 100
95 92.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.483 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY007894.D

Acq: 18 Mar 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tgt Ion: 63 Resp: 76109

Ion Ratio Lower Upper

63 100

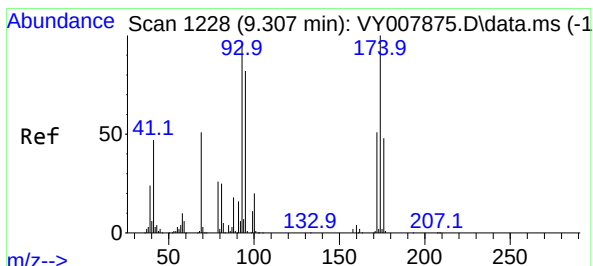
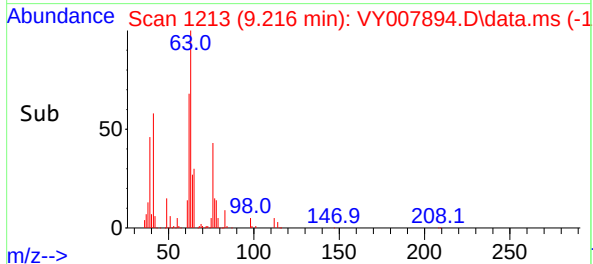
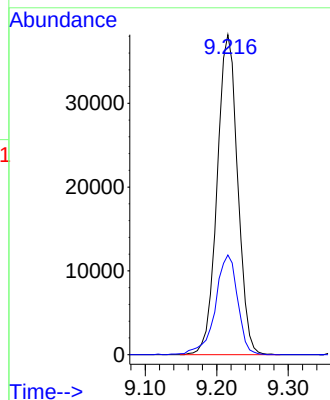
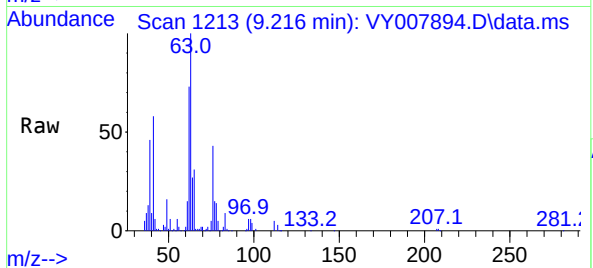
65 31.2 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#46

Dibromomethane

Concen: 19.645 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY007894.D

Acq: 18 Mar 2022 11:41

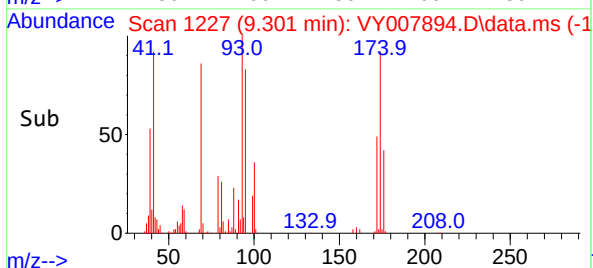
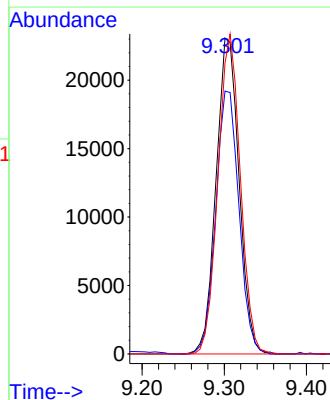
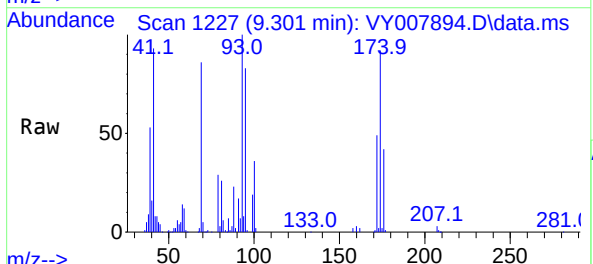
Tgt Ion: 93 Resp: 44894

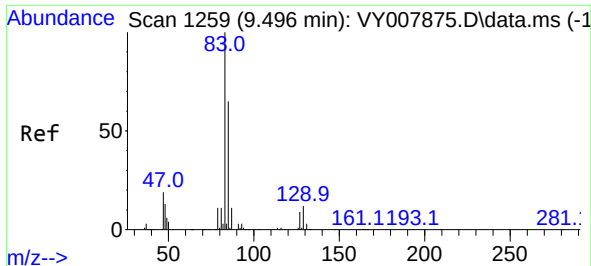
Ion Ratio Lower Upper

93 100

95 84.1 64.3 96.5

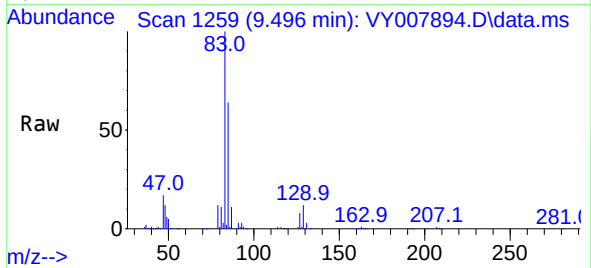
174 98.5 83.4 125.0





#47
Bromodichloromethane
Concen: 19.730 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

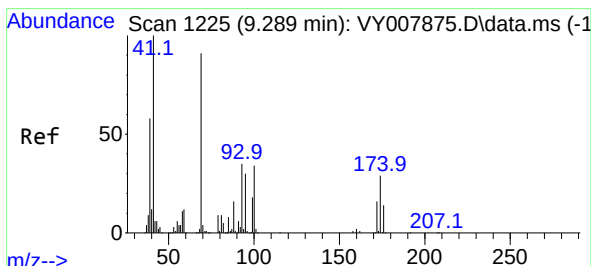
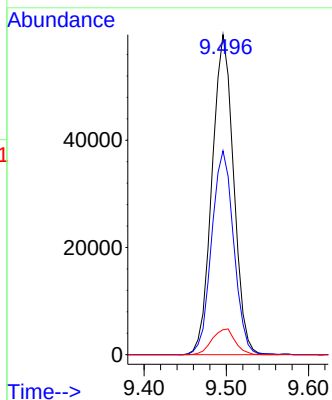
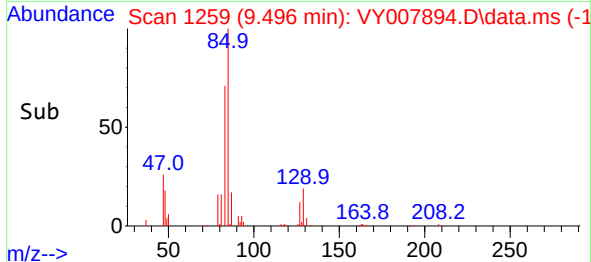
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



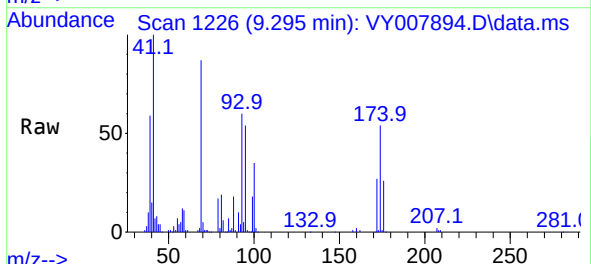
Tgt Ion: 83 Resp: 108925
Ion Ratio Lower Upper
83 100
85 63.7 51.9 77.9
127 7.8 6.6 10.0

Manual Integrations
APPROVED

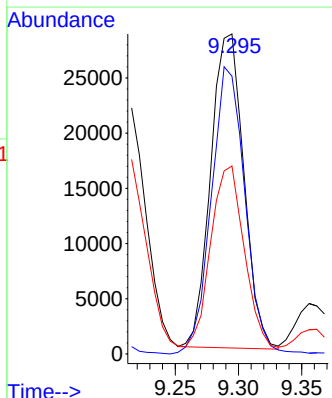
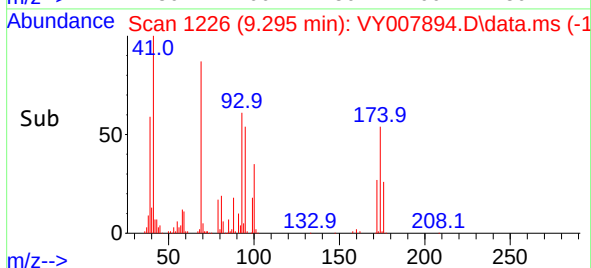
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

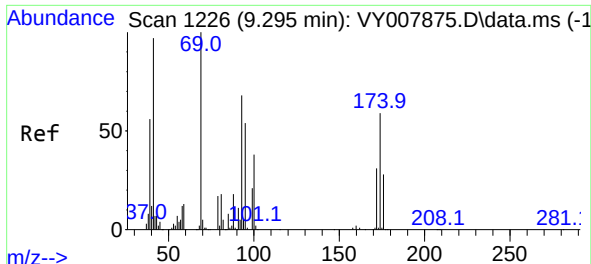


#48
Methyl methacrylate
Concen: 19.138 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



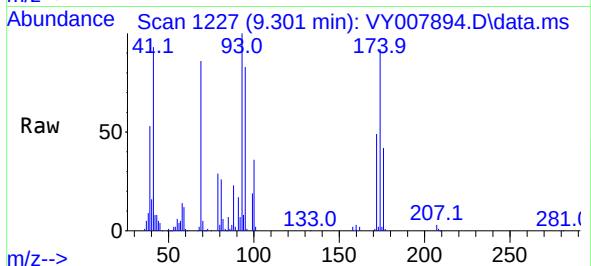
Tgt Ion: 41 Resp: 51702
Ion Ratio Lower Upper
41 100
69 93.0 58.2 87.2#
39 61.8 47.4 71.0





#49
1,4-Dioxane
Concen: 411.782 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

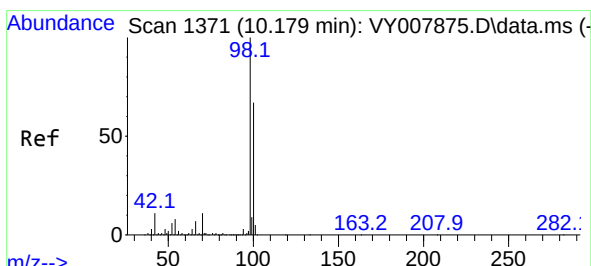
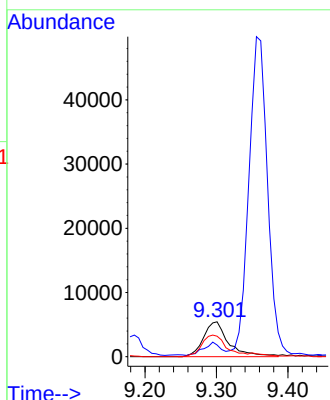
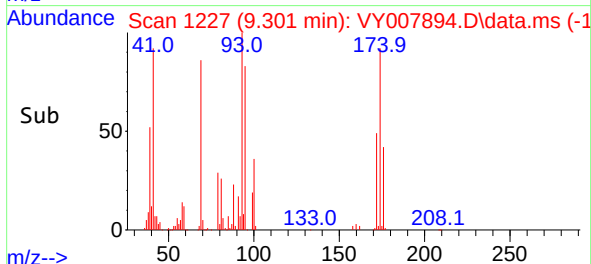
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



Tgt Ion: 88 Resp: 1332
Ion Ratio Lower Upper
88 100
43 25.1 32.8 49.2
58 60.2 59.8 89.6

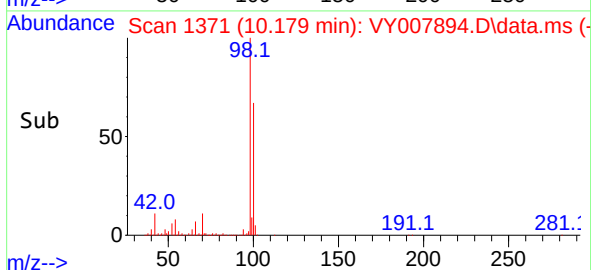
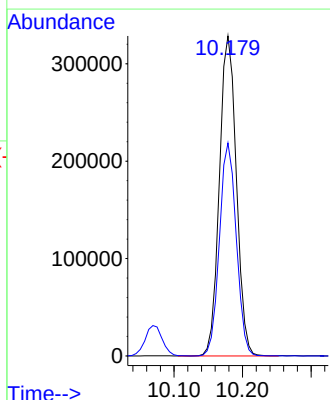
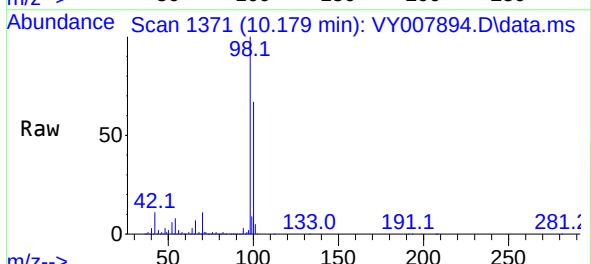
Manual Integrations
APPROVED

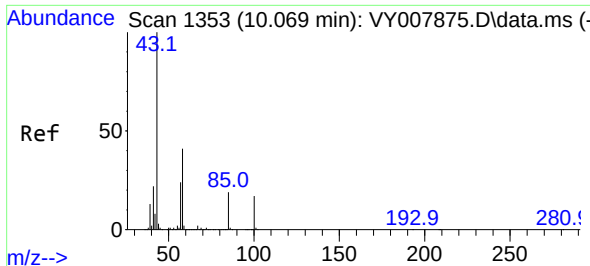
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#50
Toluene-d8
Concen: 54.090 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

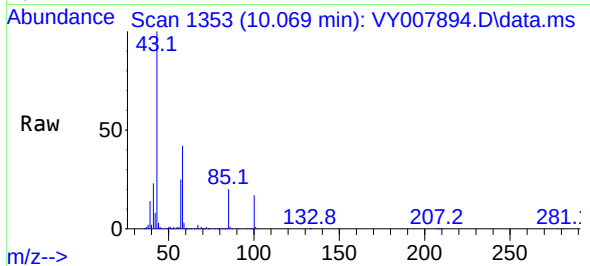
Tgt Ion: 98 Resp: 563314
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 96.684 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

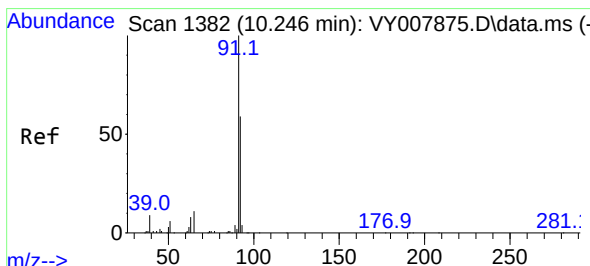
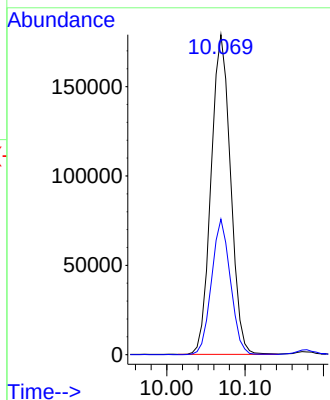
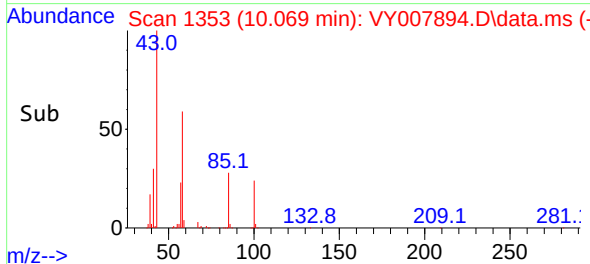
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



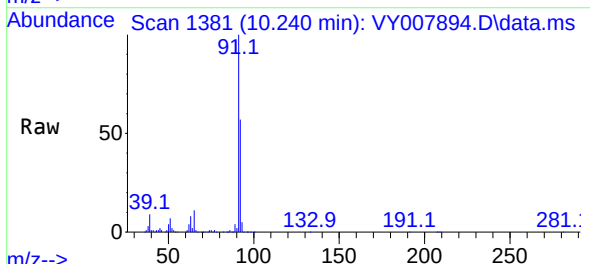
Tgt Ion: 43 Resp: 30935
Ion Ratio Lower Upper
43 100
58 41.2 28.1 42.1

Manual Integrations
APPROVED

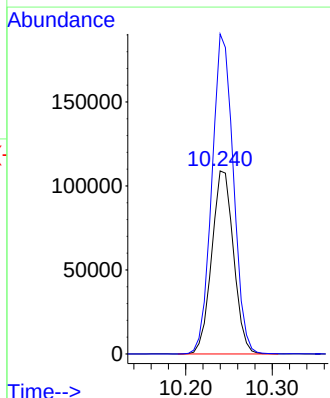
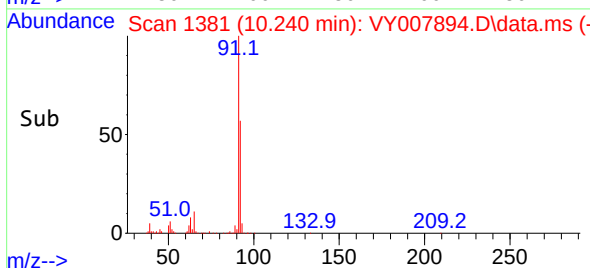
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

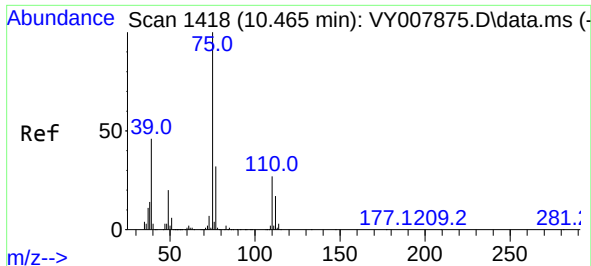


#52
Toluene
Concen: 19.665 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



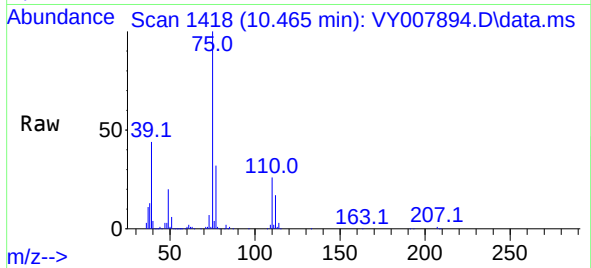
Tgt Ion: 92 Resp: 190531
Ion Ratio Lower Upper
92 100
91 172.3 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 19.939 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

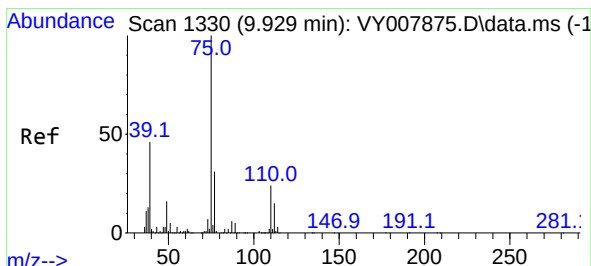
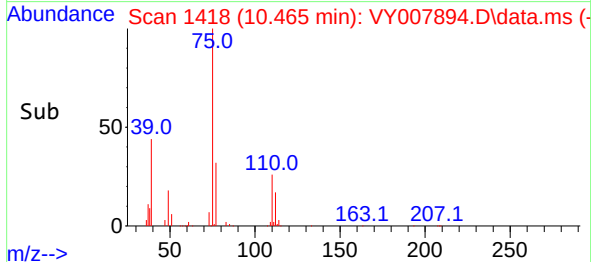
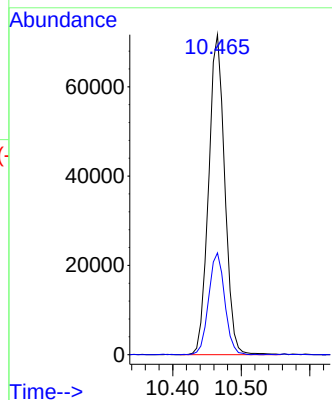
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



Tgt Ion: 75 Resp: 117428
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

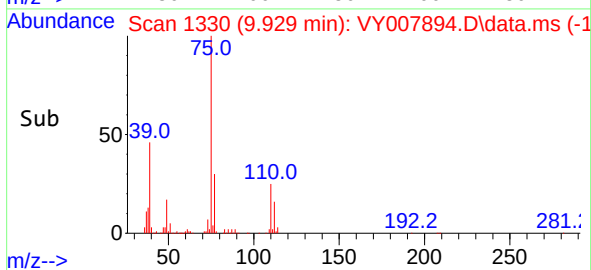
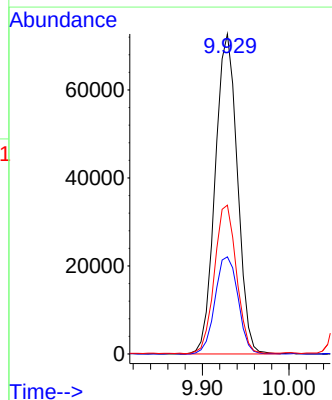
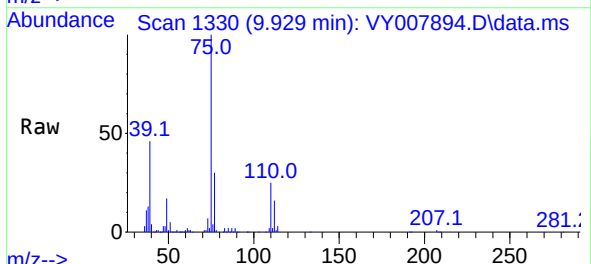
Manual Integrations
APPROVED

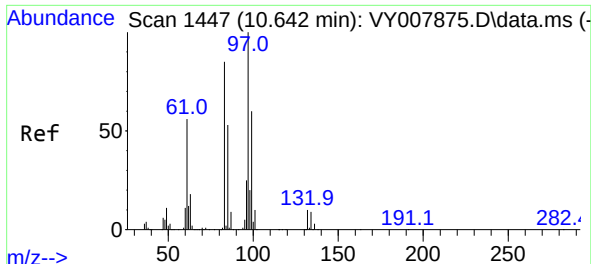
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#54
cis-1,3-Dichloropropene
Concen: 19.715 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

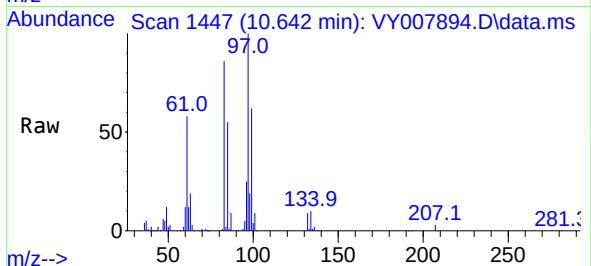
Tgt Ion: 75 Resp: 129479
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4
39 46.3 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 19.821 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

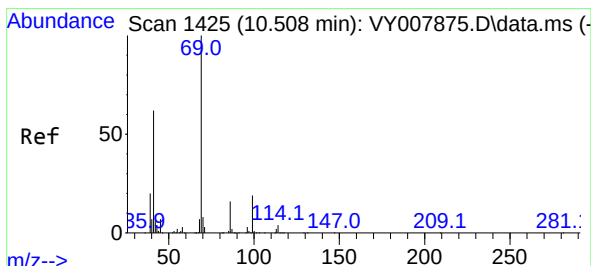
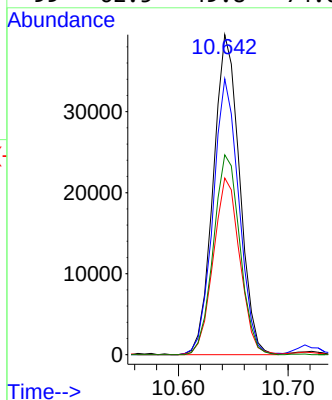
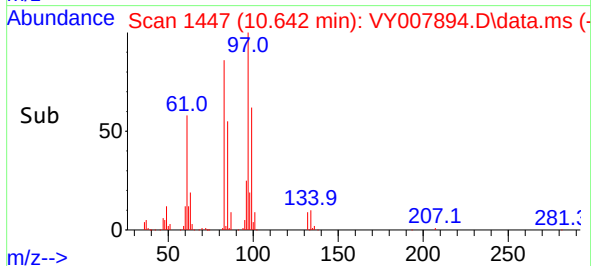
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



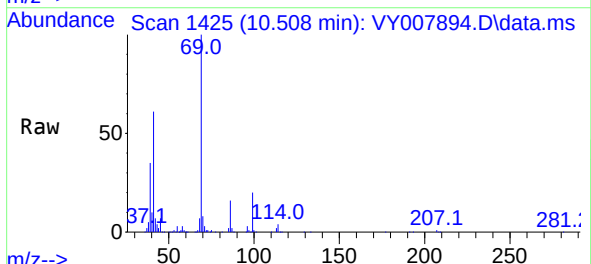
Tgt Ion: 97 Resp: 65807
Ion Ratio Lower Upper
97 100
83 86.2 69.8 104.8
85 55.2 44.3 66.5
99 62.5 49.8 74.6

Manual Integrations
APPROVED

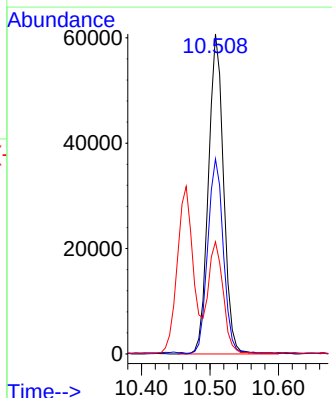
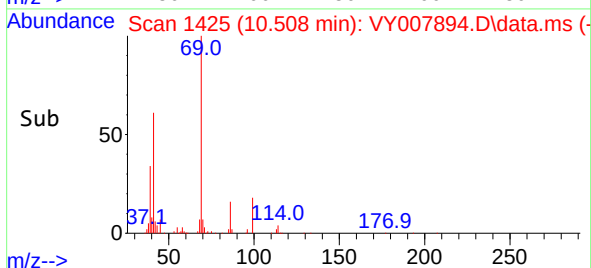
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

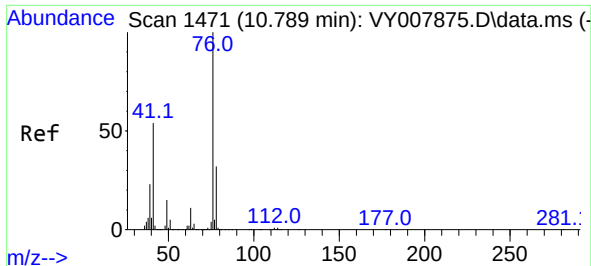


#56
Ethyl methacrylate
Concen: 19.650 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



Tgt Ion: 69 Resp: 93660
Ion Ratio Lower Upper
69 100
41 62.1 63.4 95.0#
39 33.1 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 20.001 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY007894.D

Acq: 18 Mar 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

Tgt Ion: 76 Resp: 110739

Ion Ratio Lower Upper

76 100

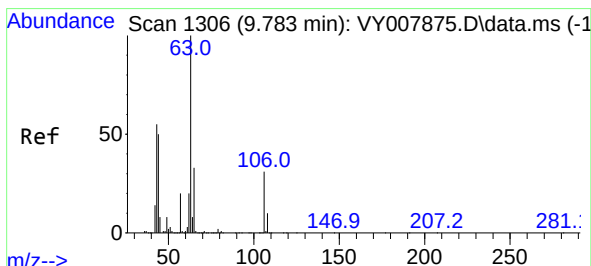
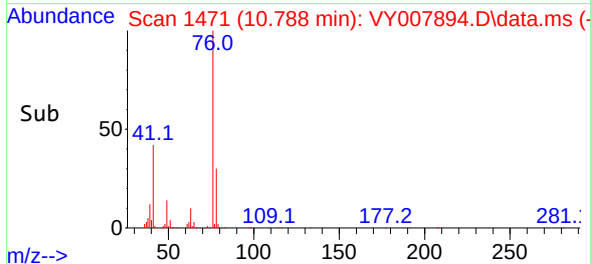
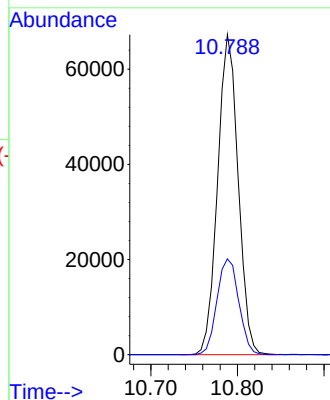
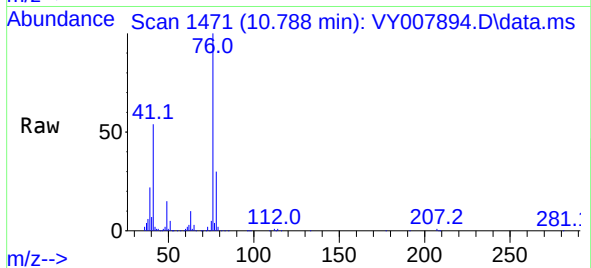
78 31.7 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 93.835 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY007894.D

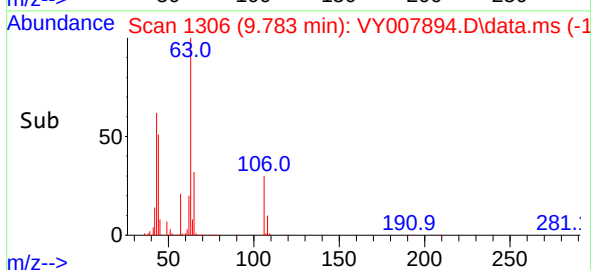
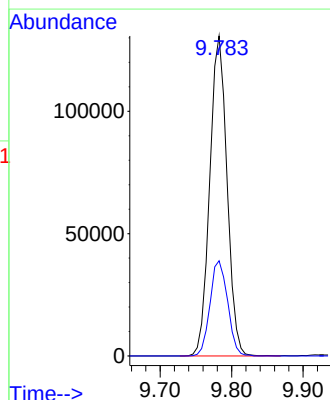
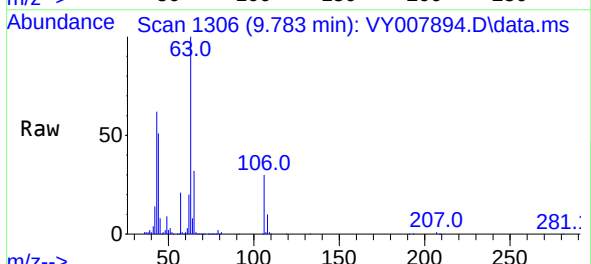
Acq: 18 Mar 2022 11:41

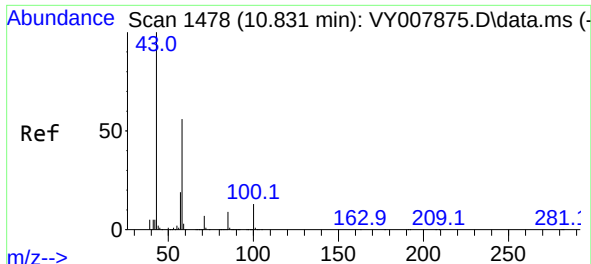
Tgt Ion: 63 Resp: 219402

Ion Ratio Lower Upper

63 100

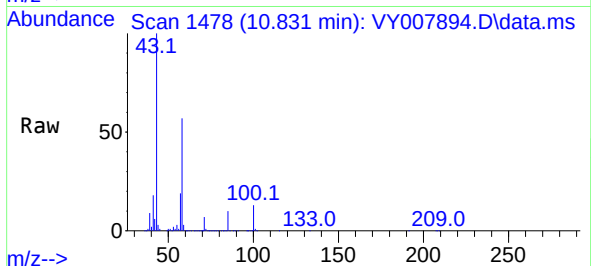
106 30.3 21.5 32.3





#59
2-Hexanone
Concen: 94.928 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

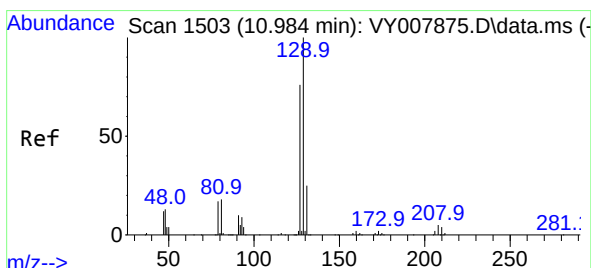
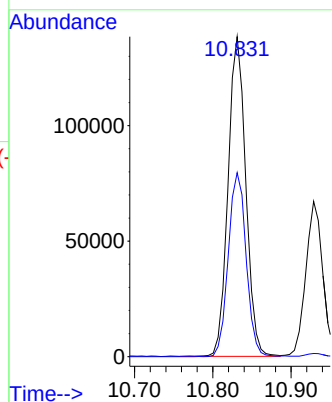
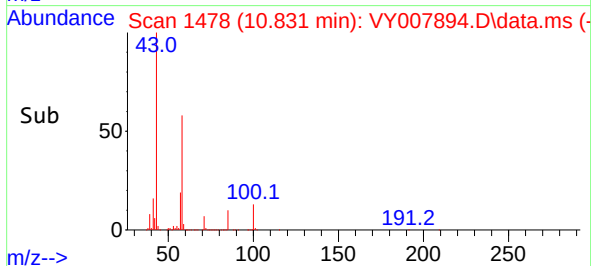
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



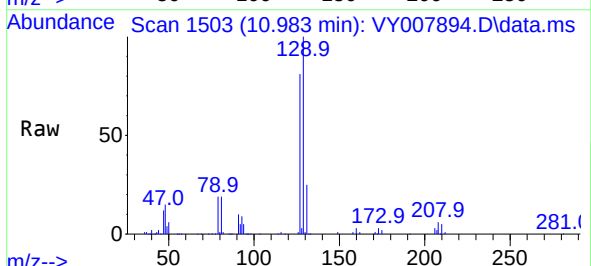
Tgt Ion: 43 Resp: 21720
Ion Ratio Lower Upper
43 100
58 58.2 24.4 73.4

Manual Integrations
APPROVED

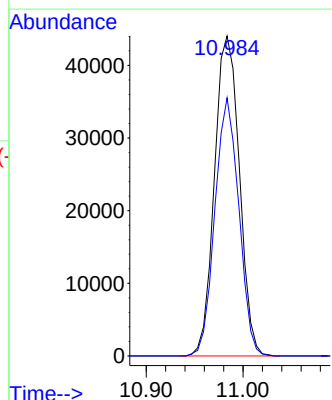
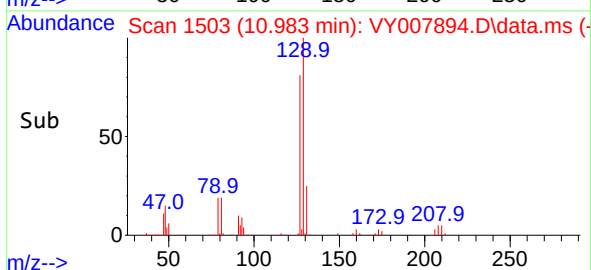
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

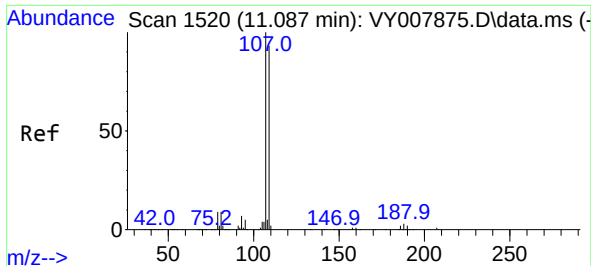


#60
Dibromochloromethane
Concen: 19.795 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



Tgt Ion:129 Resp: 78712
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





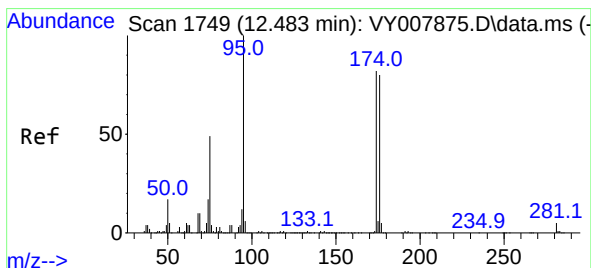
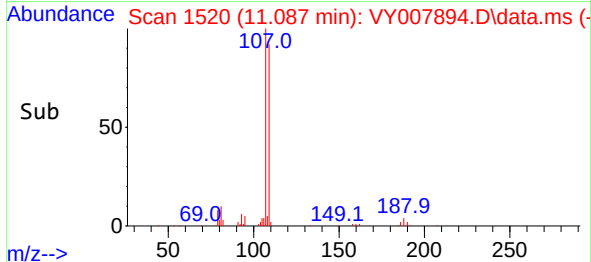
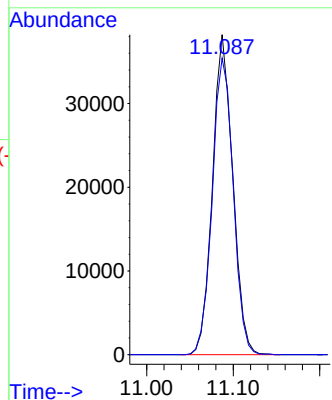
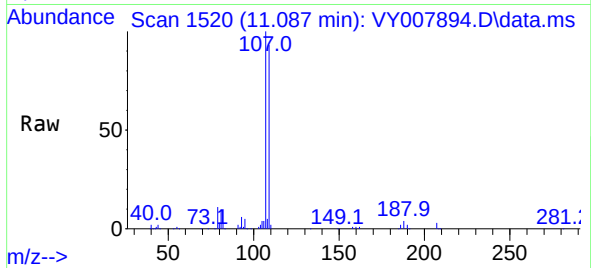
#61
1,2-Dibromoethane
Concen: 19.350 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tgt Ion:107 Resp: 6215
Ion Ratio Lower Upper
107 100
109 95.9 75.4 113.2

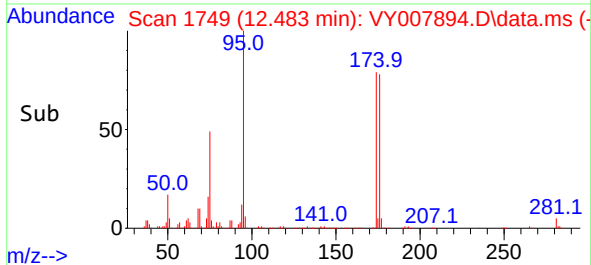
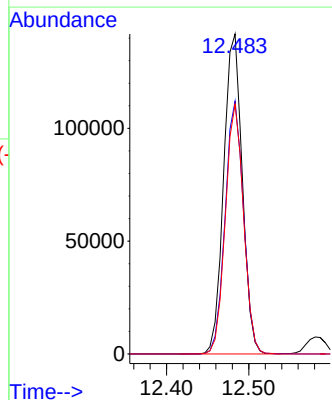
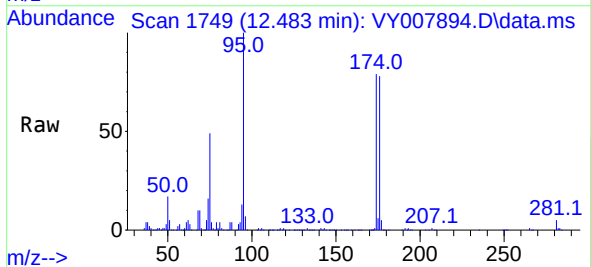
Manual Integrations
APPROVED

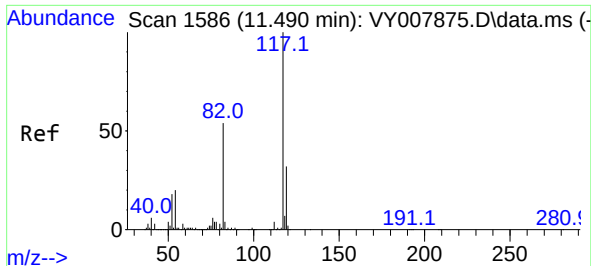
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#62
4-Bromofluorobenzene
Concen: 44.556 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

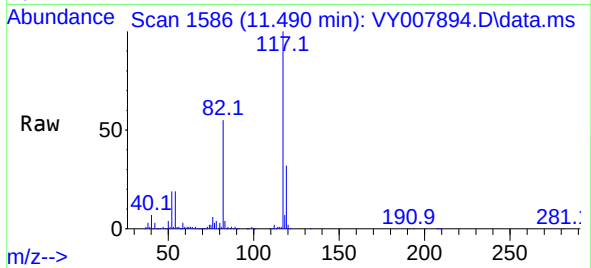
Tgt Ion: 95 Resp: 222581
Ion Ratio Lower Upper
95 100
174 78.0 0.0 177.0
176 76.2 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

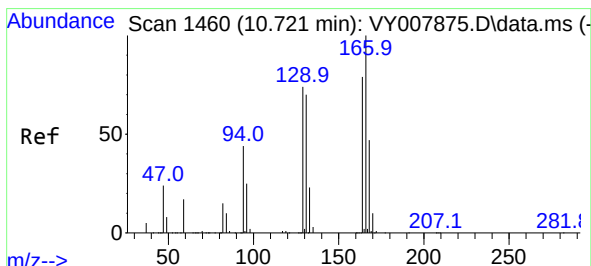
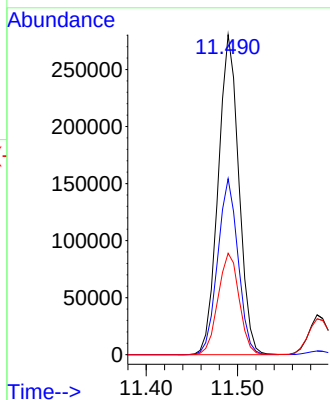
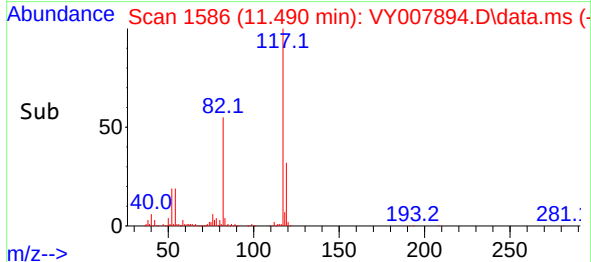
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



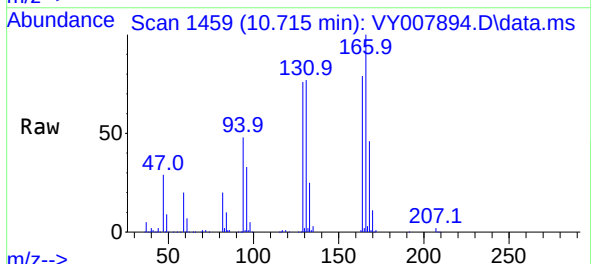
Tgt Ion:117 Resp: 441059
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 31.7 25.4 38.0

Manual Integrations
APPROVED

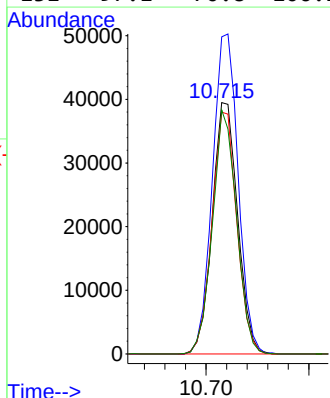
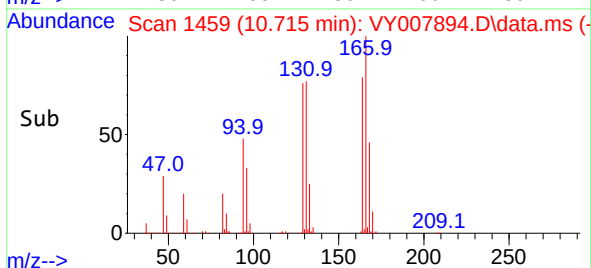
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

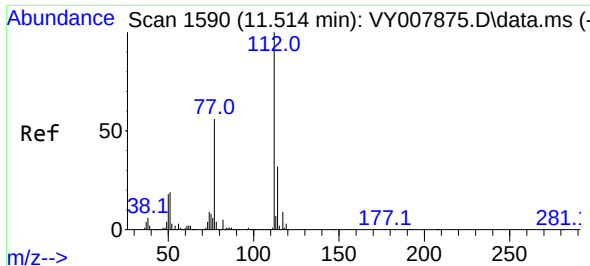


#64
Tetrachloroethene
Concen: 19.716 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



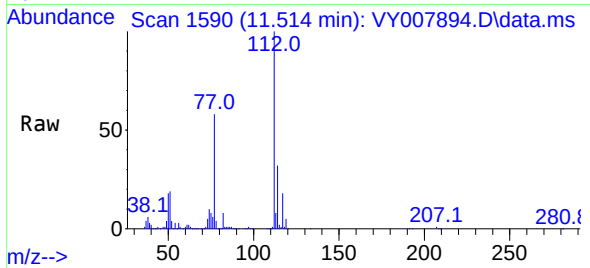
Tgt Ion:164 Resp: 67670
Ion Ratio Lower Upper
164 100
166 126.2 100.4 150.6
129 96.2 71.4 107.0
131 97.1 70.8 106.2





#65
Chlorobenzene
Concen: 19.864 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

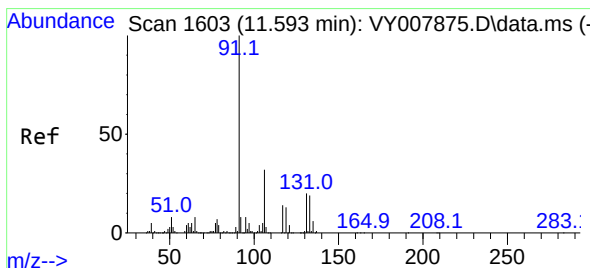
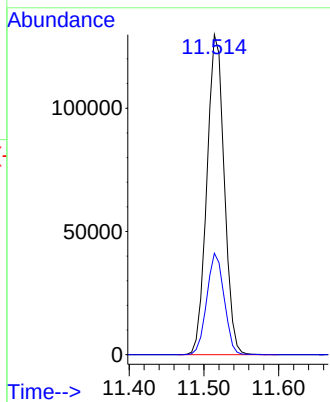
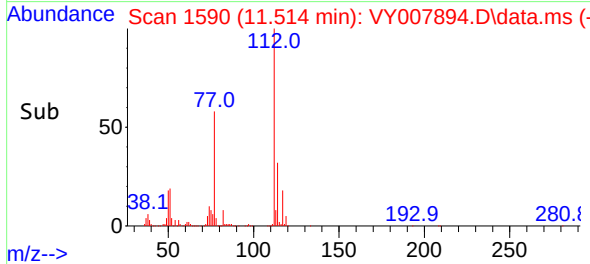
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



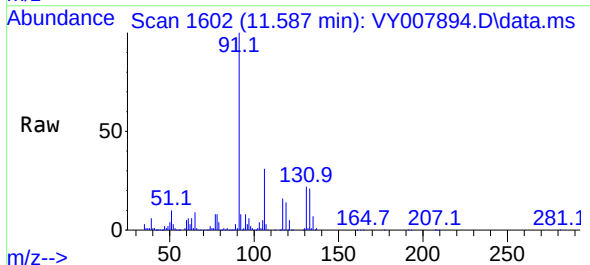
Tgt Ion:112 Resp: 209870
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6

Manual Integrations
APPROVED

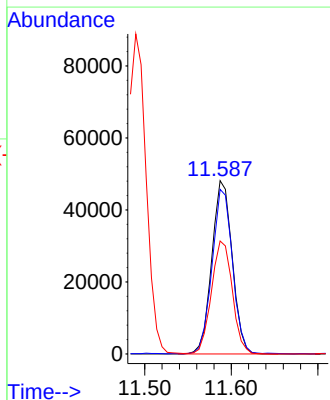
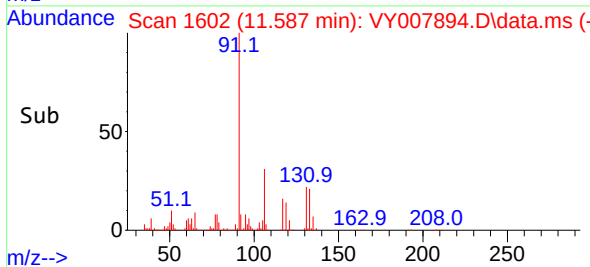
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

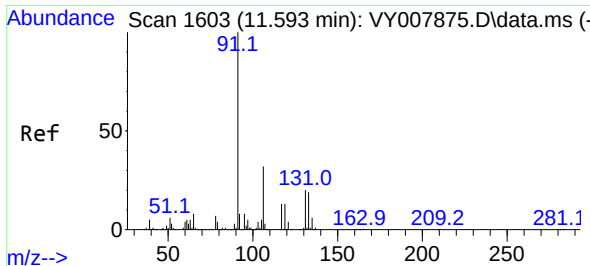


#66
1,1,1,2-Tetrachloroethane
Concen: 19.773 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



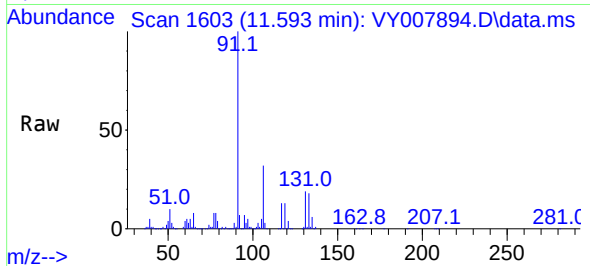
Tgt Ion:131 Resp: 78657
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 66.8 30.8 92.3





#67
Ethyl Benzene
Concen: 19.774 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

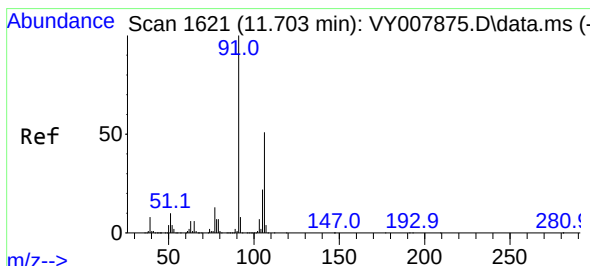
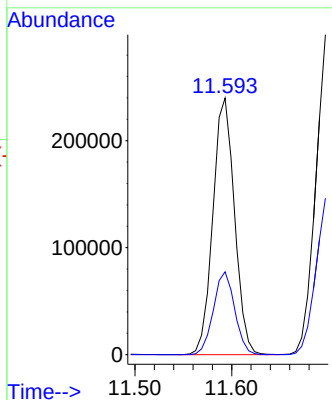
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



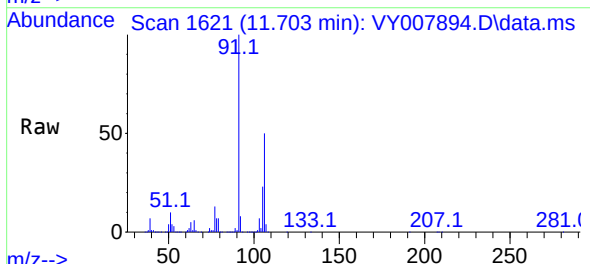
Tgt Ion: 91 Resp: 372169
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7

Manual Integrations
APPROVED

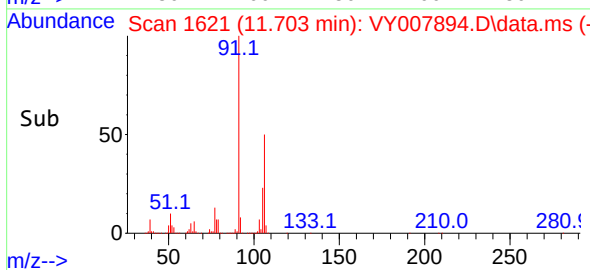
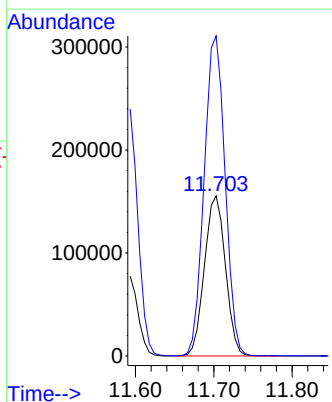
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

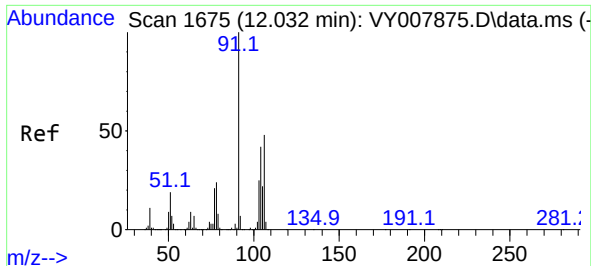


#68
m/p-Xylenes
Concen: 39.390 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



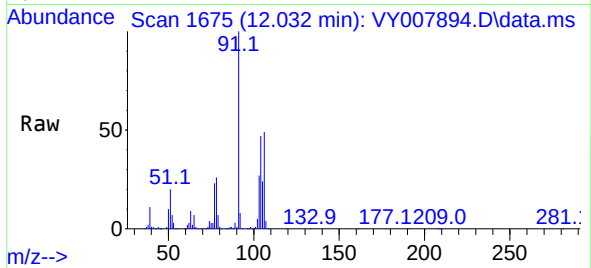
Tgt Ion:106 Resp: 289183
Ion Ratio Lower Upper
106 100
91 199.5 166.6 249.8





#69
o-Xylene
Concen: 19.745 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

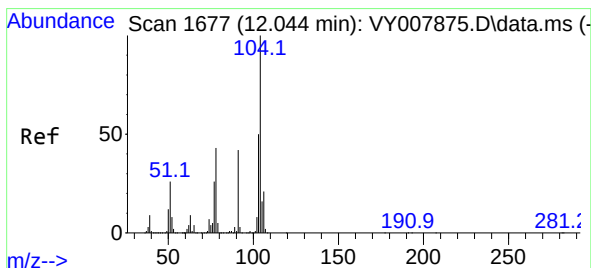
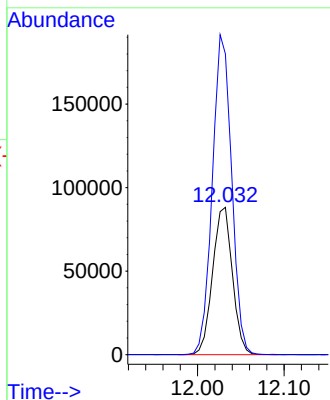
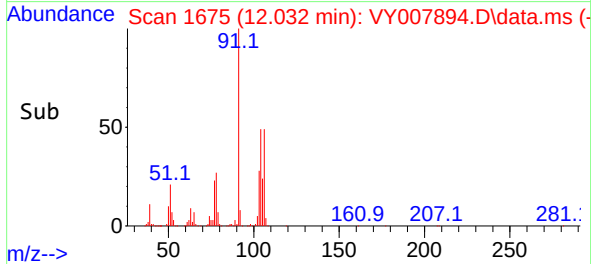
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



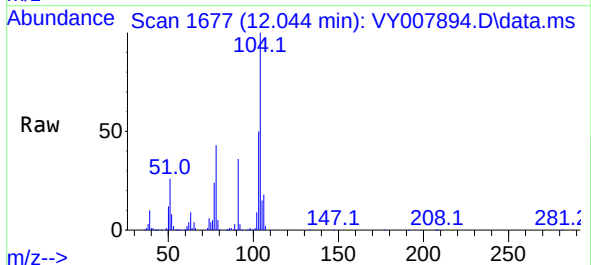
Tgt Ion:106 Resp: 140220
Ion Ratio Lower Upper
106 100
91 211.7 110.3 331.0

Manual Integrations
APPROVED

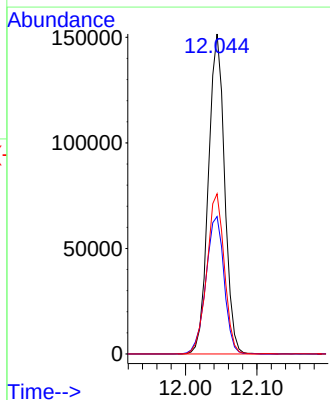
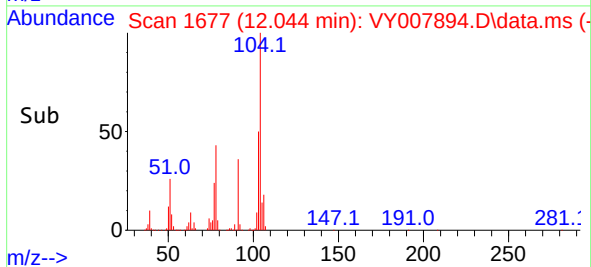
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

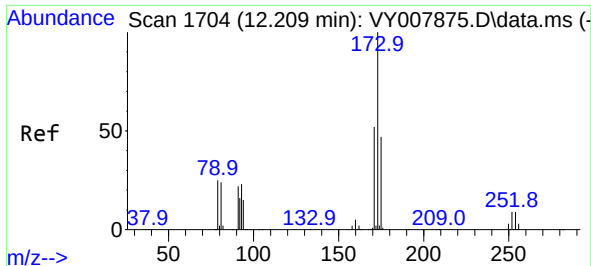


#70
Styrene
Concen: 19.990 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



Tgt Ion:104 Resp: 238668
Ion Ratio Lower Upper
104 100
78 48.3 42.4 63.6
103 54.1 44.4 66.6





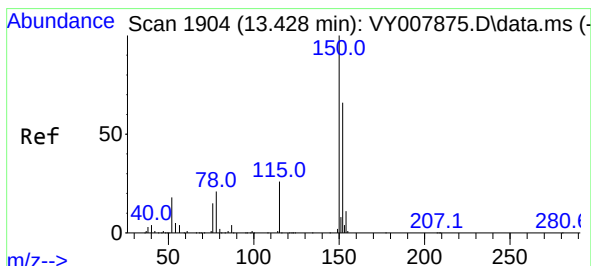
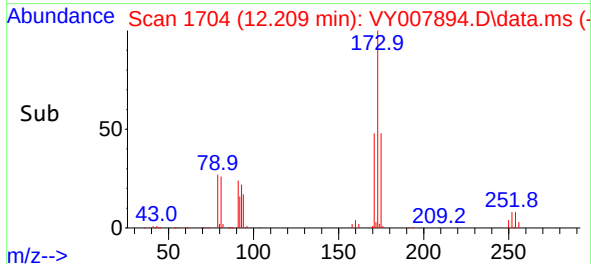
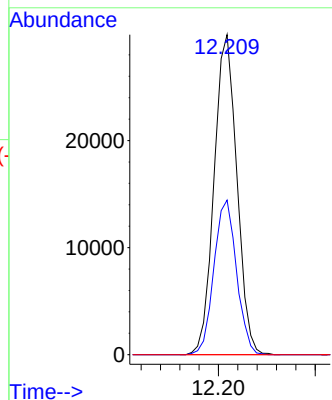
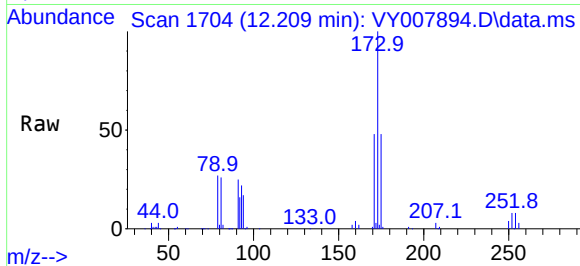
#71
Bromoform
Concen: 19.156 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tgt Ion:173 Resp: 48810
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.0 0.0 0.0

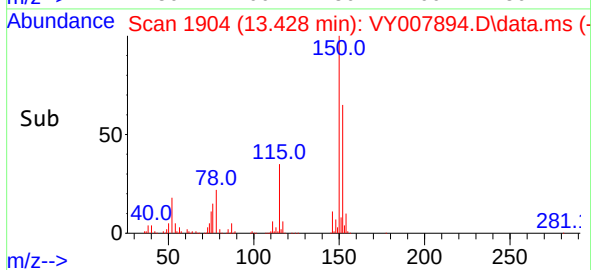
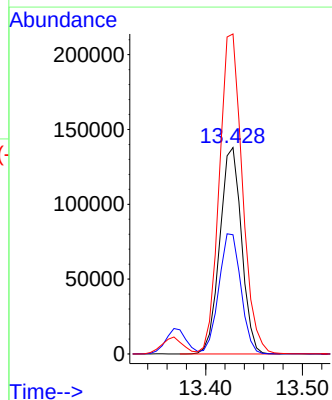
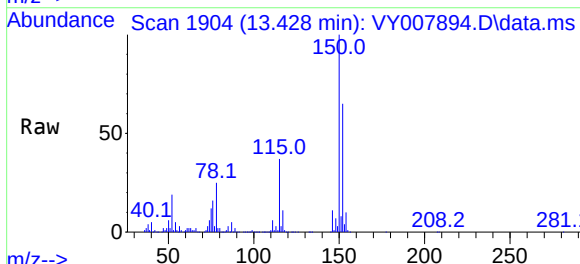
Manual Integrations
APPROVED

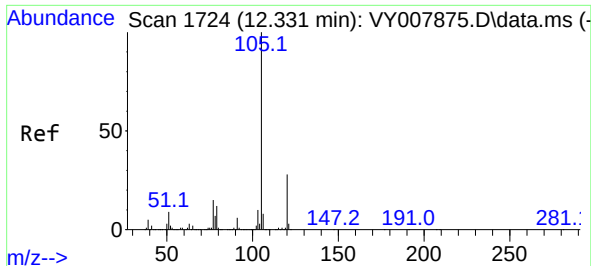
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

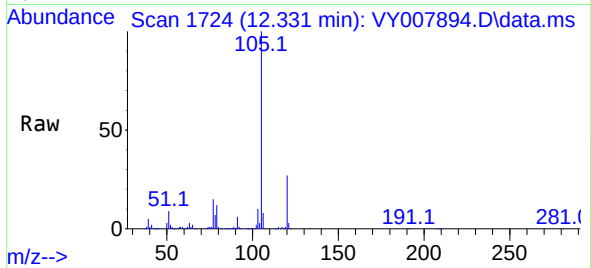
Tgt Ion:152 Resp: 214857
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 163.9 0.0 347.6





#73
Isopropylbenzene
Concen: 19.577 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

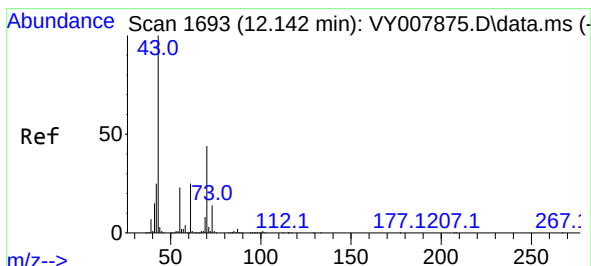
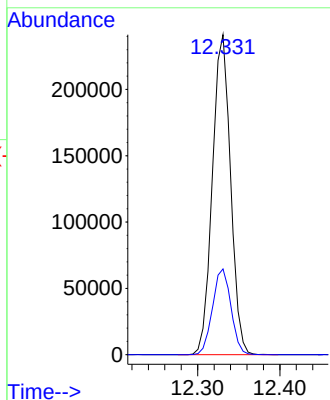
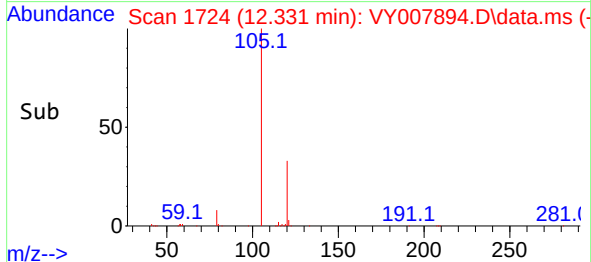
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



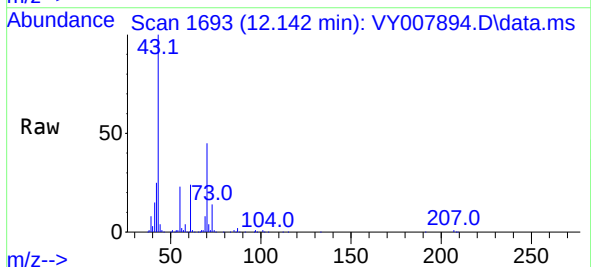
Tgt Ion:105 Resp: 37024
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

Manual Integrations
APPROVED

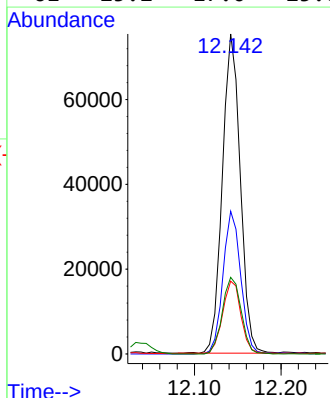
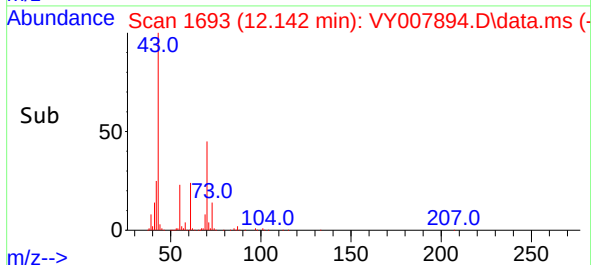
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

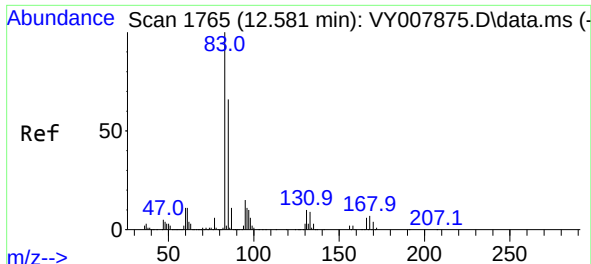


#74
N-ethyl acetate
Concen: 19.424 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



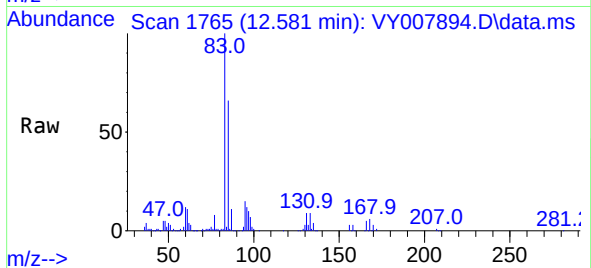
Tgt Ion: 43 Resp: 108380
Ion Ratio Lower Upper
43 100
70 44.3 28.7 43.1#
55 23.2 17.3 25.9
61 25.2 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 19.611 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

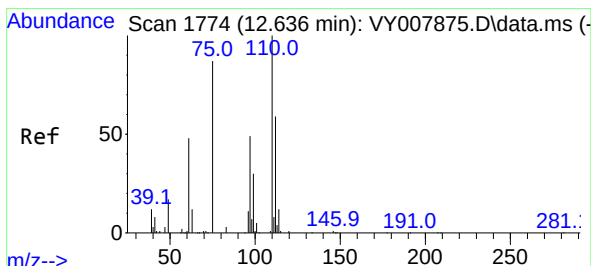
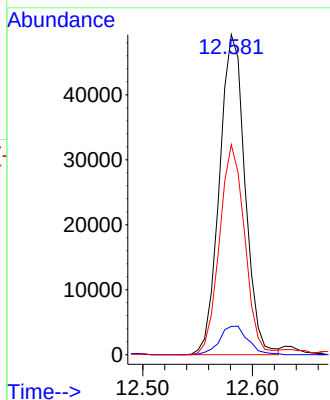
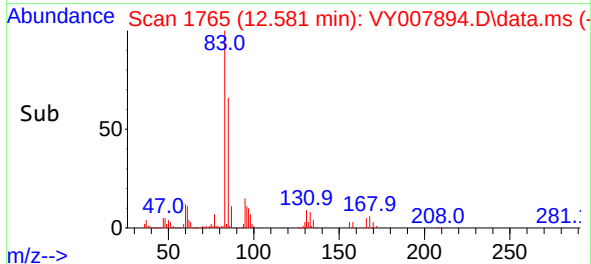
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



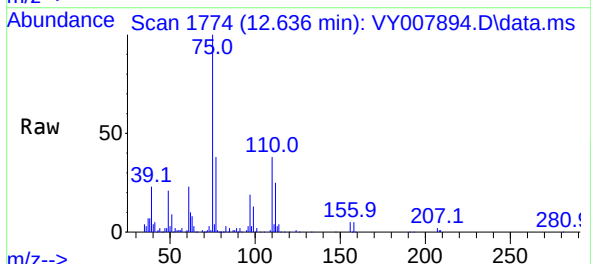
Tgt Ion: 83 Resp: 79834
Ion Ratio Lower Upper
83 100
131 9.9 5.6 16.8
85 64.4 32.3 96.8

Manual Integrations
APPROVED

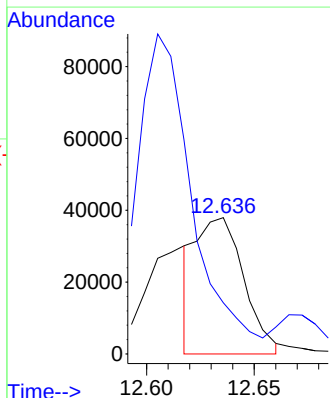
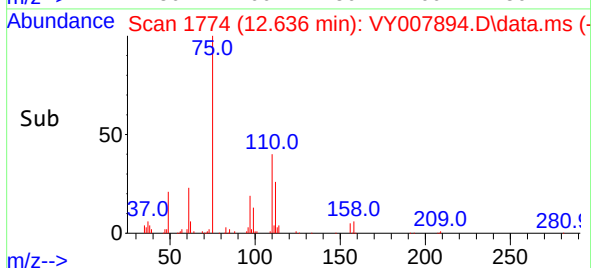
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

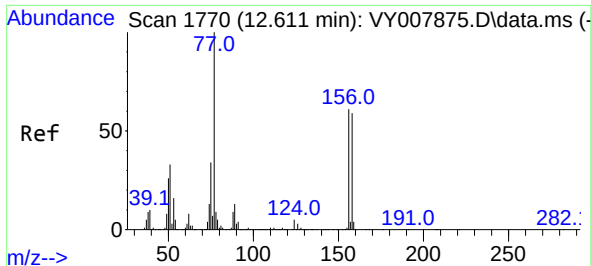


#76
1,2,3-Trichloropropane
Concen: 19.109 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



Tgt Ion: 75 Resp: 58520
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





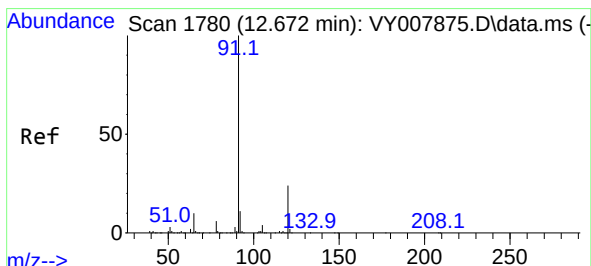
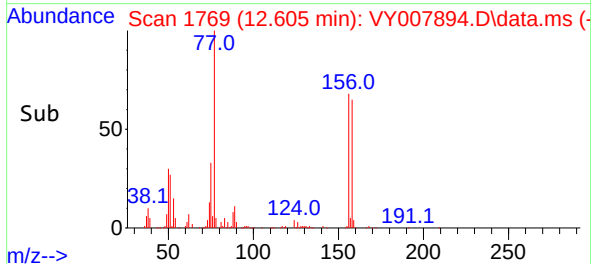
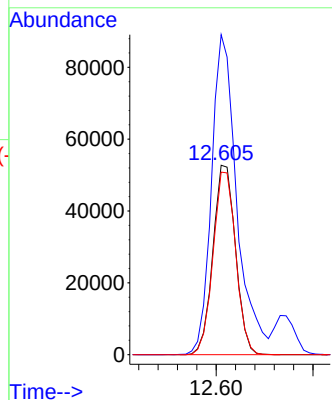
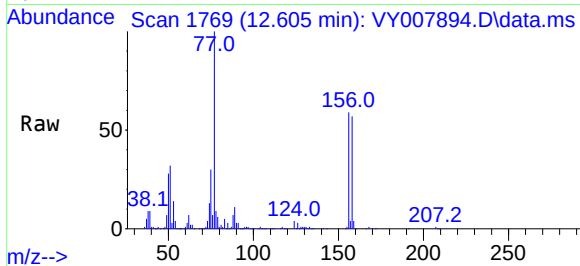
#77
Bromobenzene
Concen: 19.786 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tgt Ion:156 Resp: 85508
Ion Ratio Lower Upper
156 100
77 189.5 95.5 286.4
158 96.9 48.0 144.0

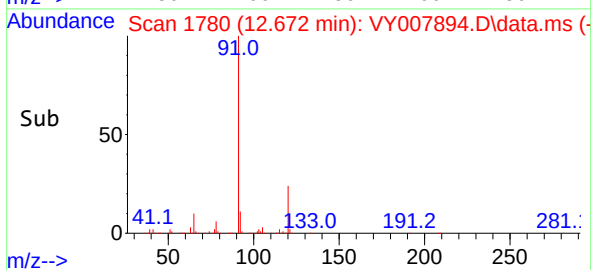
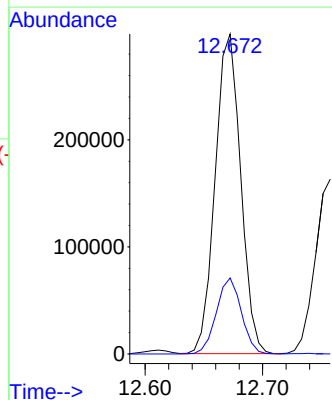
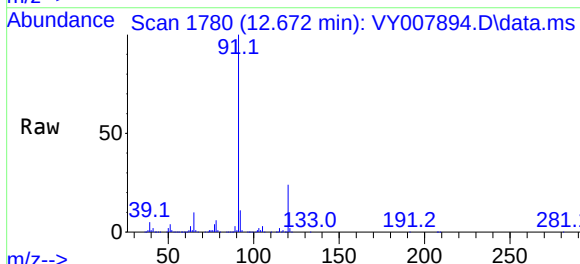
Manual Integrations
APPROVED

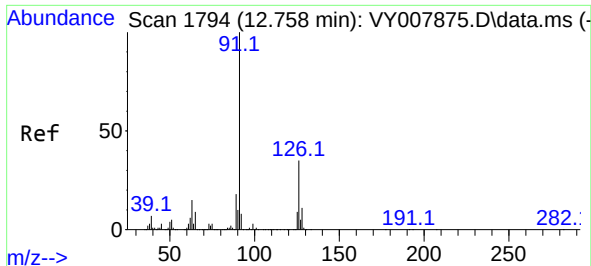
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#78
n-propylbenzene
Concen: 19.691 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

Tgt Ion: 91 Resp: 449674
Ion Ratio Lower Upper
91 100
120 23.3 11.3 33.9





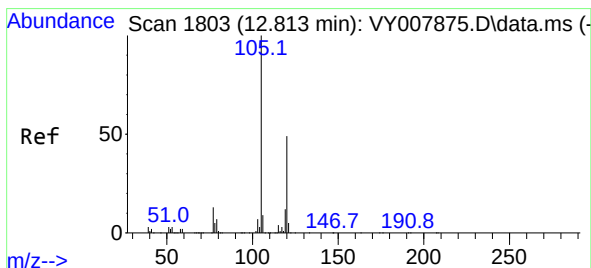
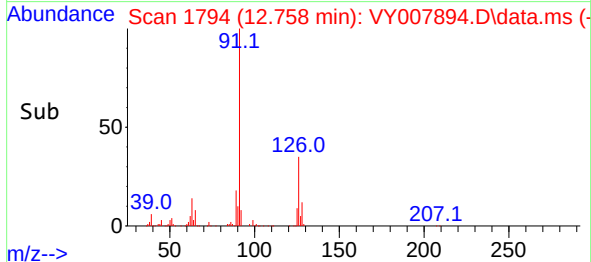
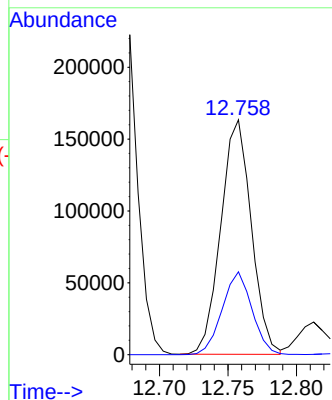
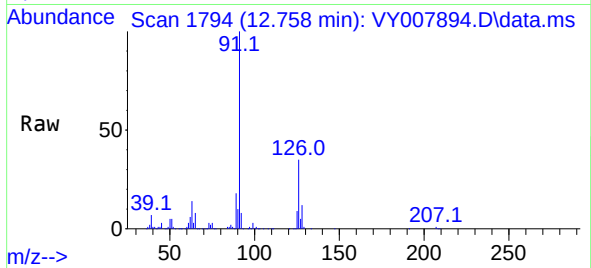
#79
2-Chlorotoluene
Concen: 19.706 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tgt Ion: 91 Resp: 253197
Ion Ratio Lower Upper
91 100
126 34.5 16.9 50.6

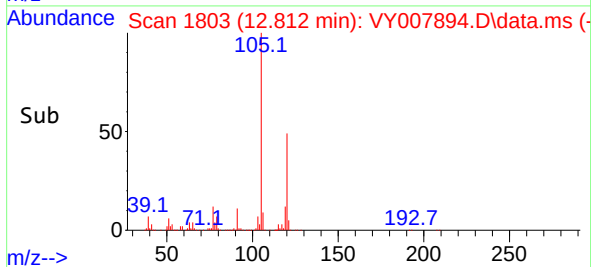
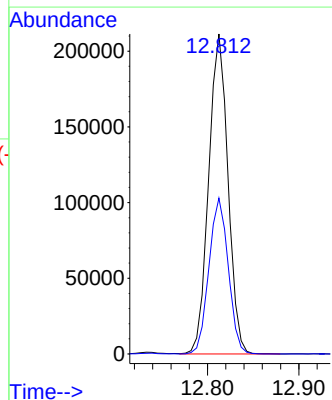
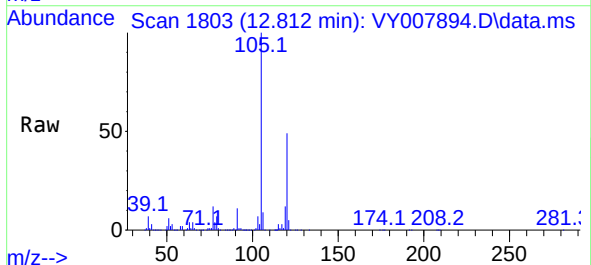
Manual Integrations
APPROVED

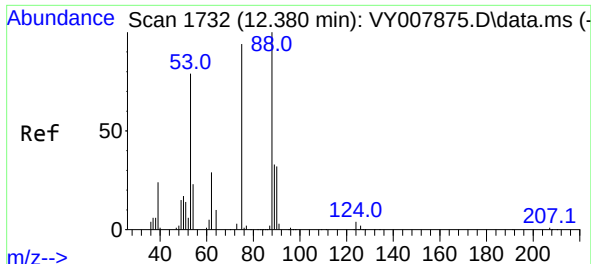
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.882 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

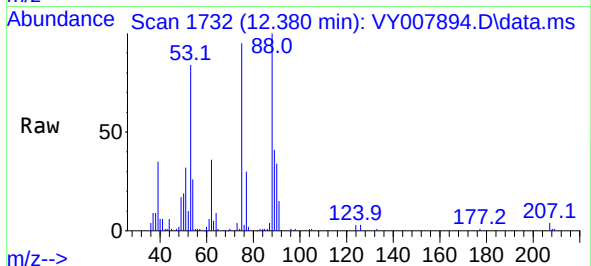
Tgt Ion:105 Resp: 309211
Ion Ratio Lower Upper
105 100
120 48.8 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.636 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

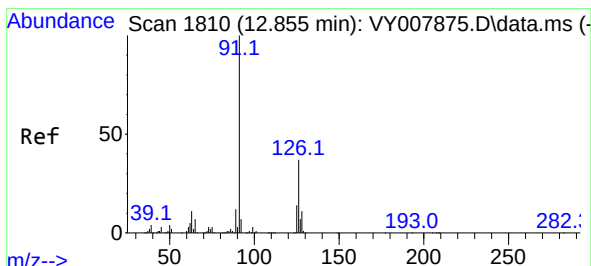
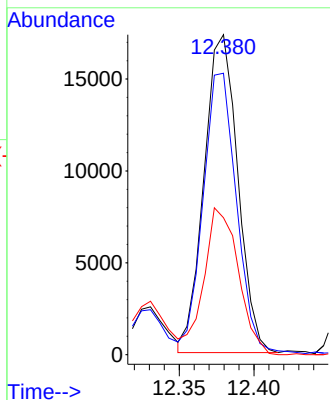
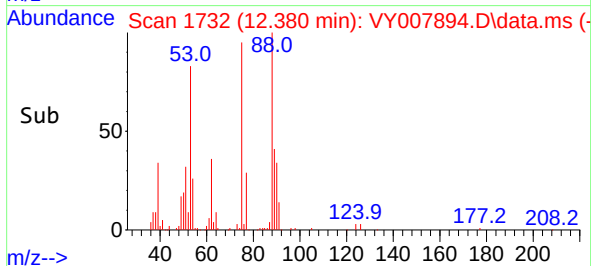
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



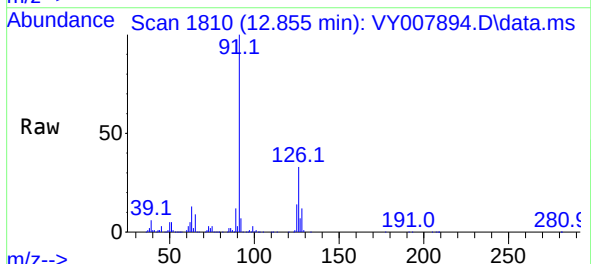
Tgt Ion: 75 Resp: 27172
Ion Ratio Lower Upper
75 100
53 87.7 85.3 127.9
89 47.3 37.0 55.4

Manual Integrations
APPROVED

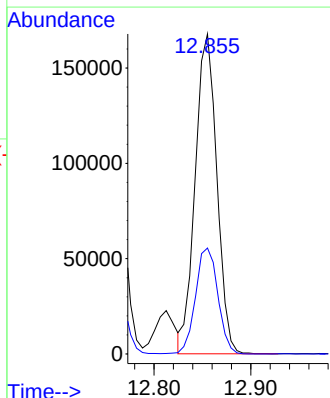
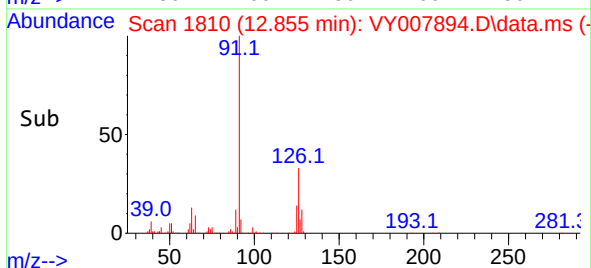
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

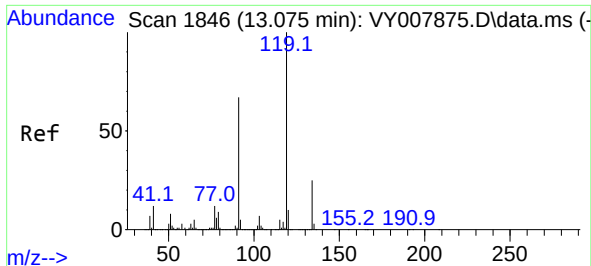


#82
4-Chlorotoluene
Concen: 19.549 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



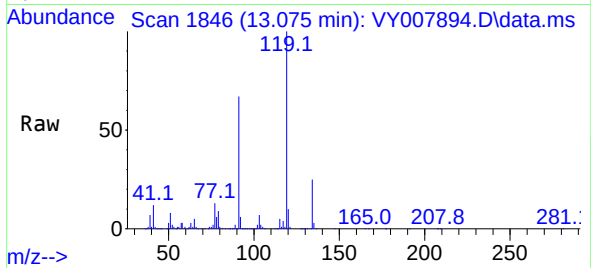
Tgt Ion: 91 Resp: 260927
Ion Ratio Lower Upper
91 100
126 34.3 17.0 51.0





#83
tert-Butylbenzene
Concen: 20.042 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

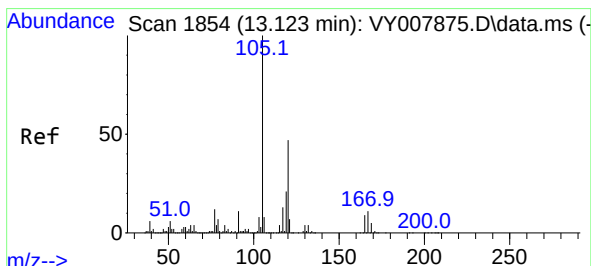
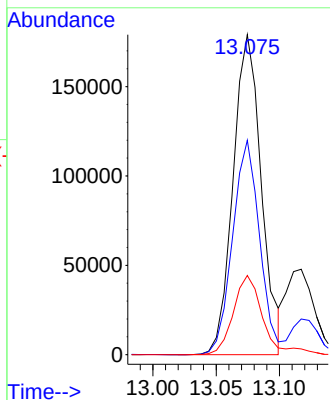
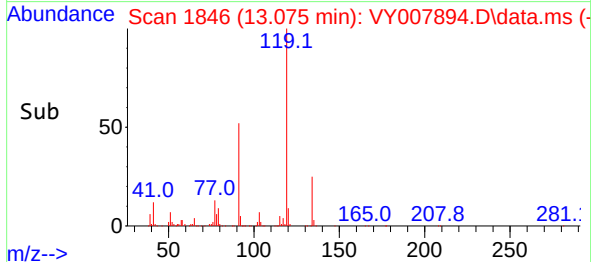
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



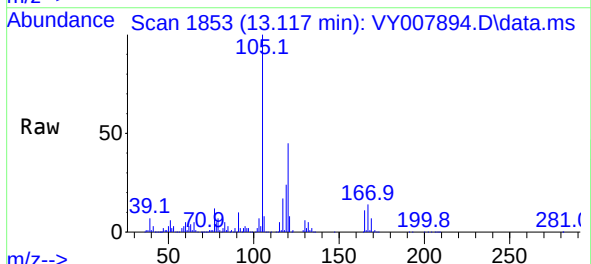
Tgt Ion:119 Resp: 278939
Ion Ratio Lower Upper
119 100
91 63.8 34.8 104.4
134 25.9 13.3 39.9

Manual Integrations
APPROVED

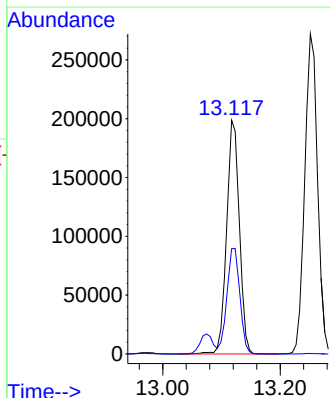
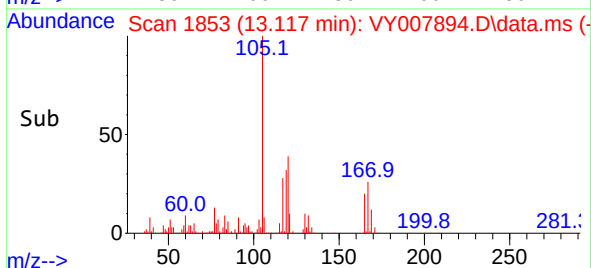
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

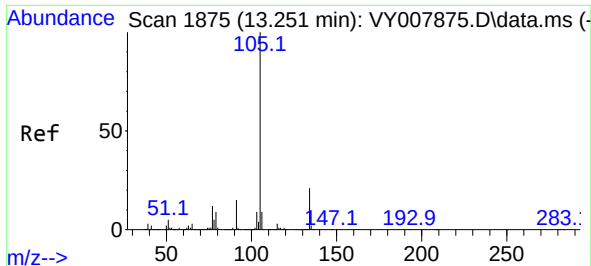


#84
1,2,4-Trimethylbenzene
Concen: 19.657 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



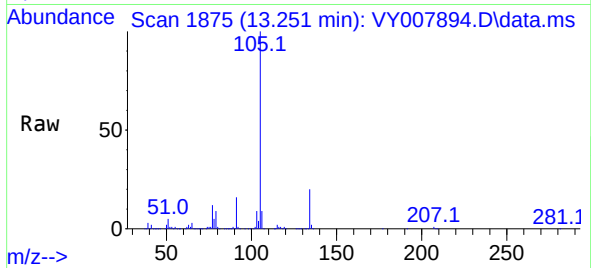
Tgt Ion:105 Resp: 299692
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 19.677 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY007894.D
 Acq: 18 Mar 2022 11:41

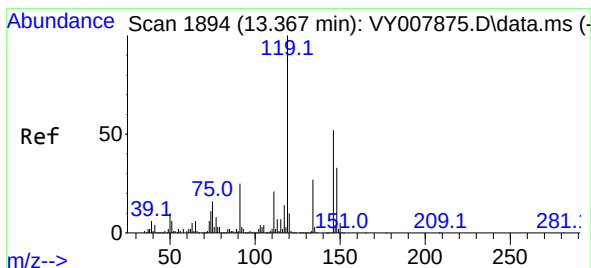
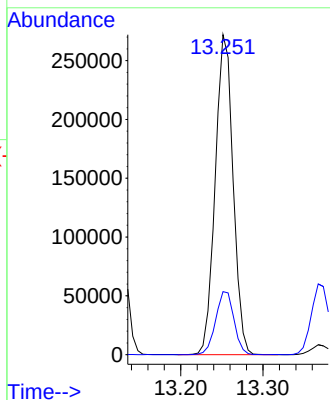
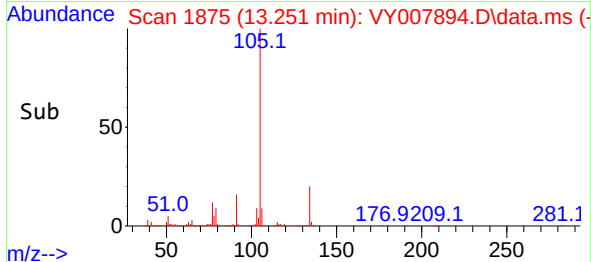
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01



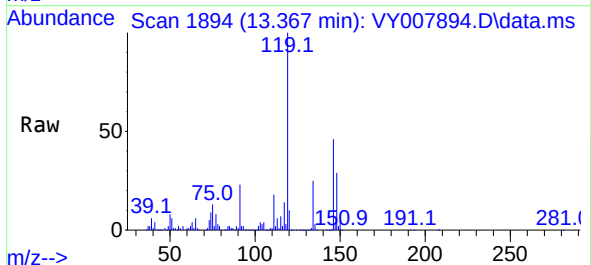
Tgt Ion:105 Resp: 41042
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

Manual Integrations
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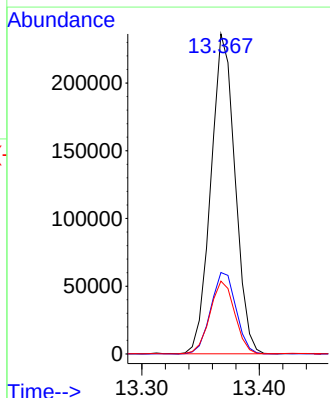
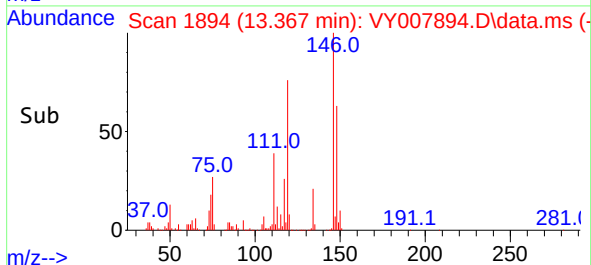
Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022

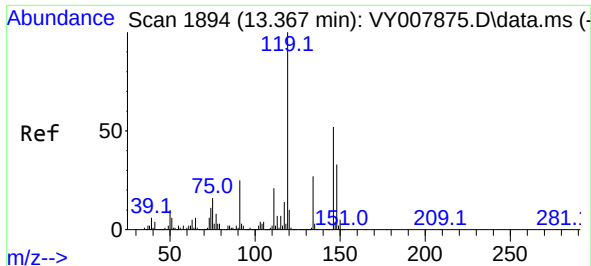


#86
 p-Isopropyltoluene
 Concen: 19.936 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY007894.D
 Acq: 18 Mar 2022 11:41



Tgt Ion:119 Resp: 337570
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 23.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.892 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY007894.D

Acq: 18 Mar 2022 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBS01

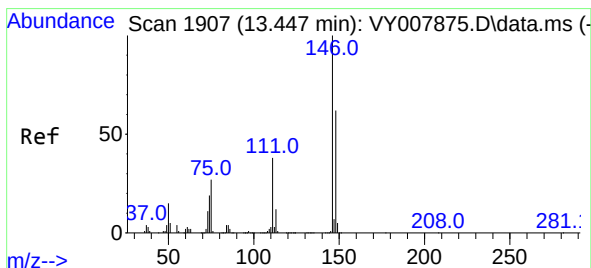
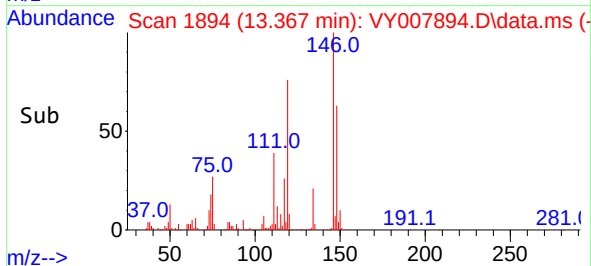
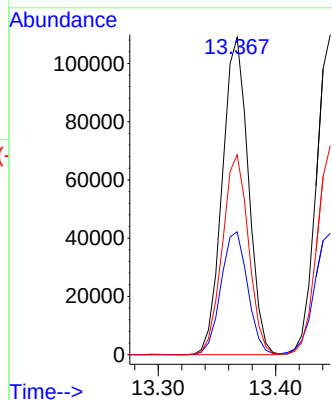
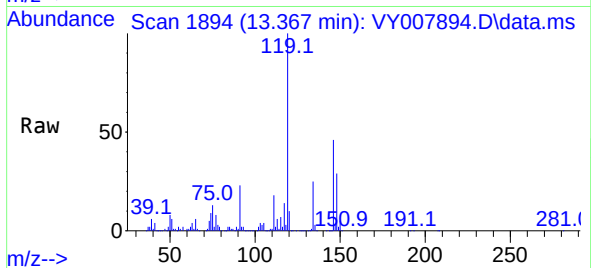
Tgt Ion:146 Resp: 167895
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.5 58.5
 148 63.3 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#88

1,4-Dichlorobenzene

Concen: 19.883 ug/l

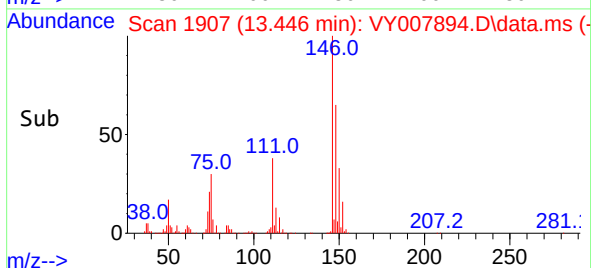
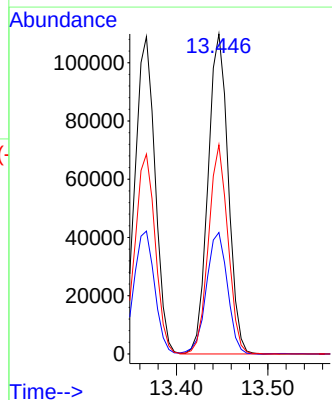
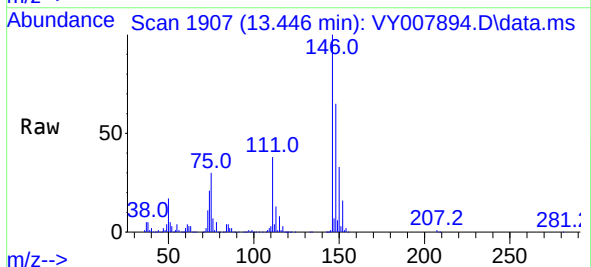
RT: 13.446 min Scan# 1907

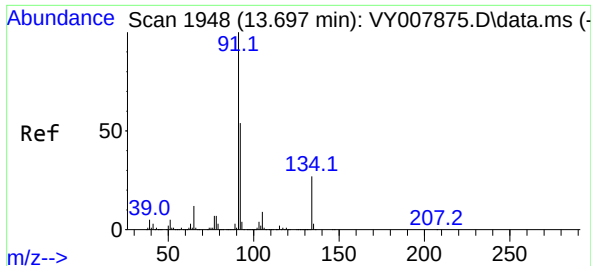
Delta R.T. -0.000 min

Lab File: VY007894.D

Acq: 18 Mar 2022 11:41

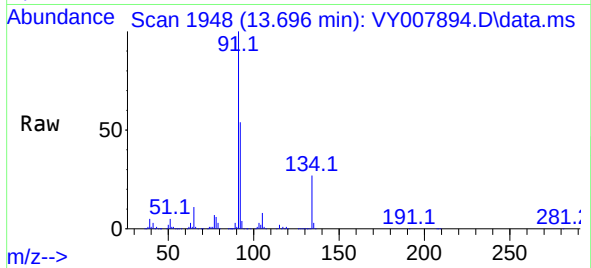
Tgt Ion:146 Resp: 168196
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.3 57.8
 148 62.9 32.6 97.8





#89
n-Butylbenzene
Concen: 19.837 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

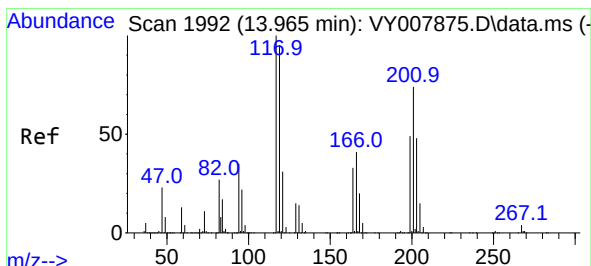
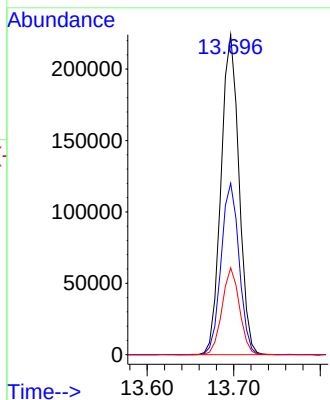
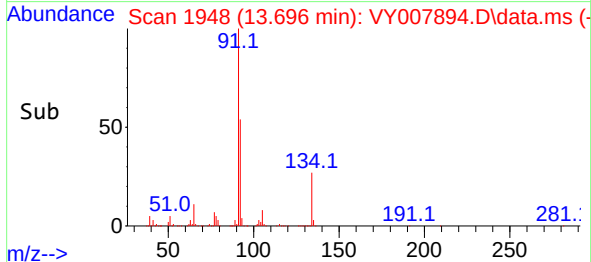
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



Tgt Ion: 91 Resp: 32236
Ion Ratio Lower Upper
91 100
92 53.8 26.3 78.9
134 26.3 13.0 38.9

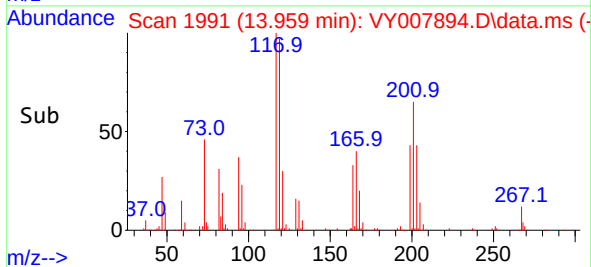
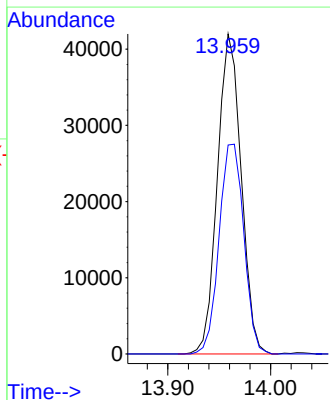
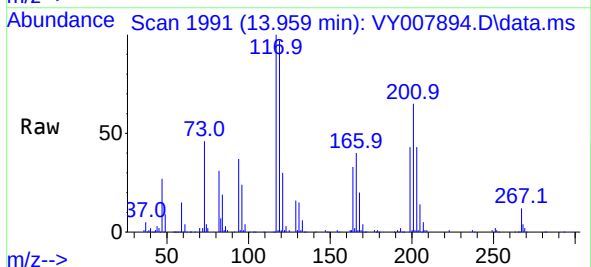
Manual Integrations
APPROVED

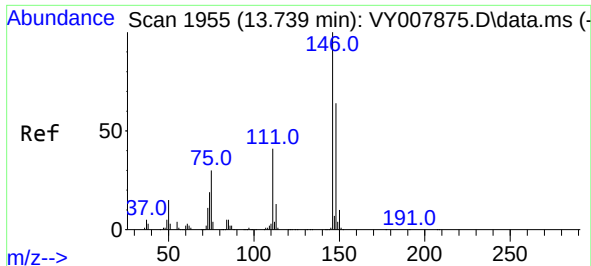
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#90
Hexachloroethane
Concen: 19.933 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

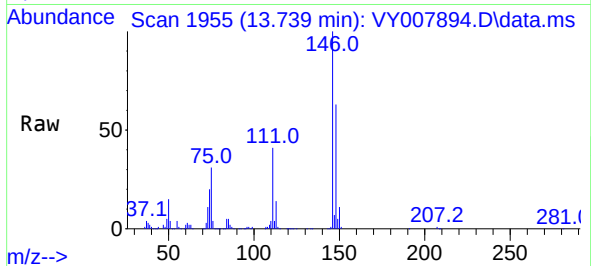
Tgt Ion:117 Resp: 67368
Ion Ratio Lower Upper
117 100
201 68.3 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 19.862 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

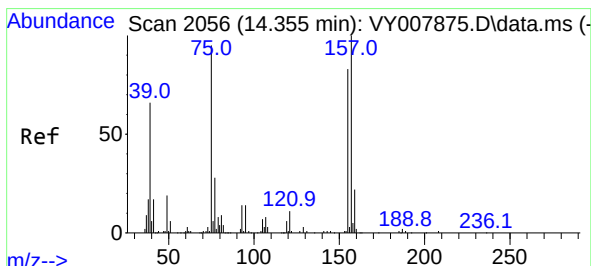
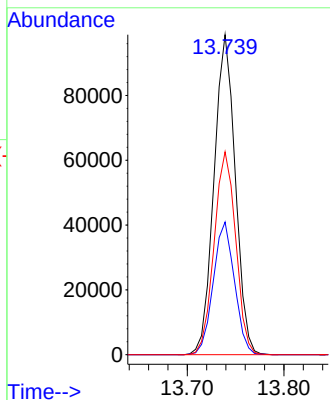
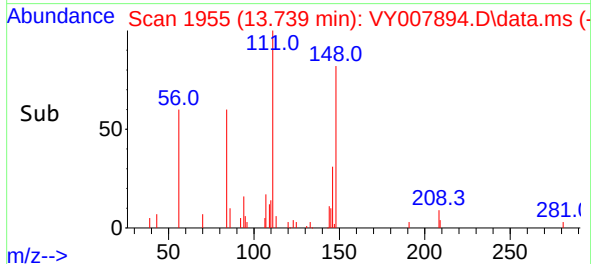
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



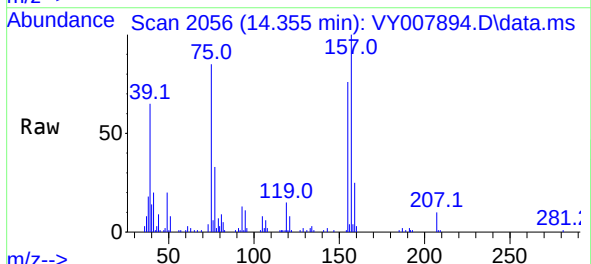
Tgt Ion:146 Resp: 15079
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.9
148 64.3 32.3 96.9

Manual Integrations
APPROVED

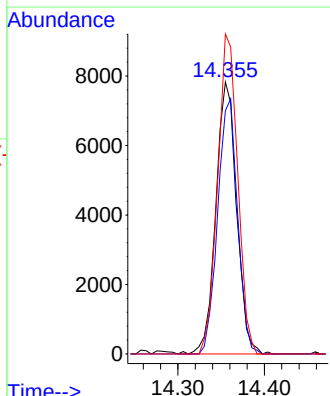
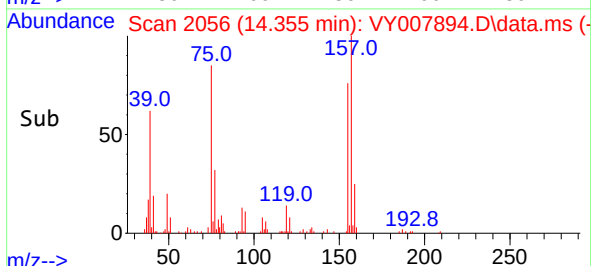
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

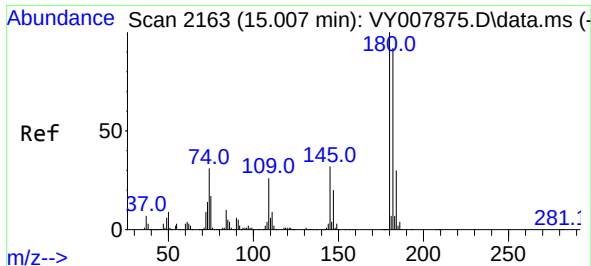


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.590 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



Tgt Ion: 75 Resp: 13020
Ion Ratio Lower Upper
75 100
155 90.0 38.0 113.9
157 113.5 47.8 143.3





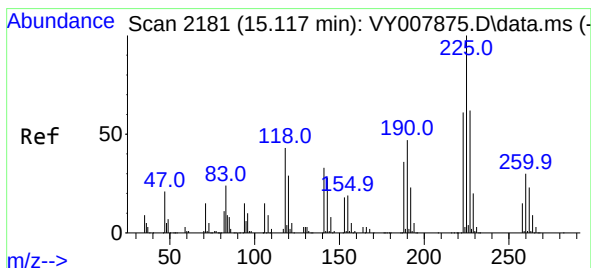
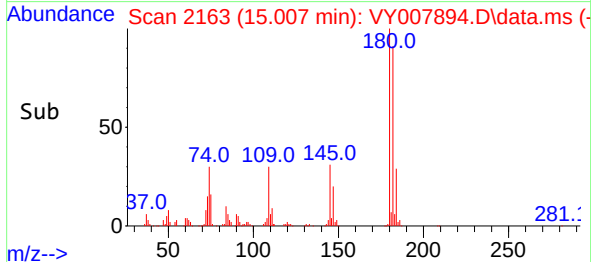
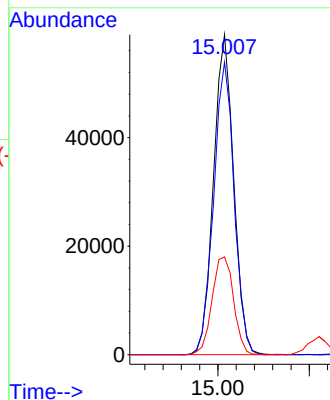
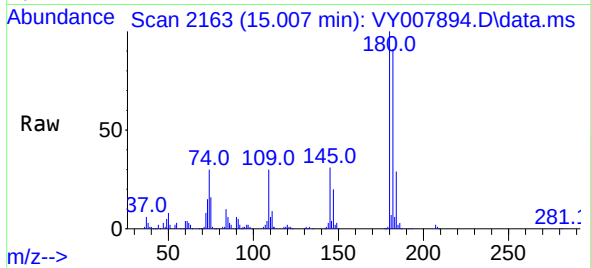
#93
1,2,4-Trichlorobenzene
Concen: 18.788 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01

Tgt Ion:180 Resp: 90168
Ion Ratio Lower Upper
180 100
182 93.1 47.3 141.9
145 32.7 14.6 43.8

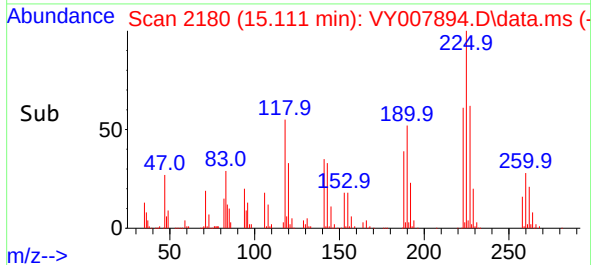
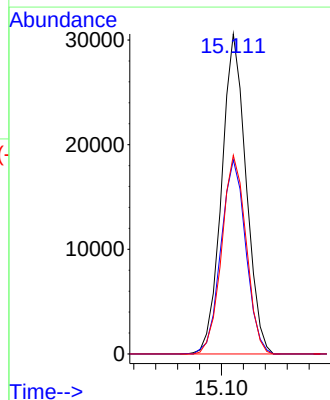
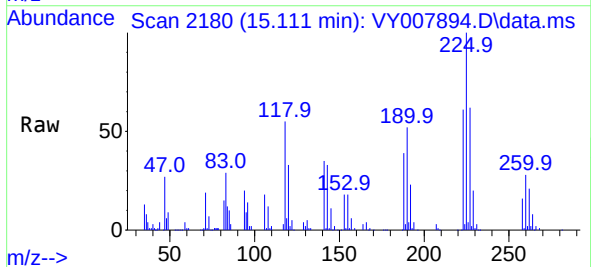
Manual Integrations
APPROVED

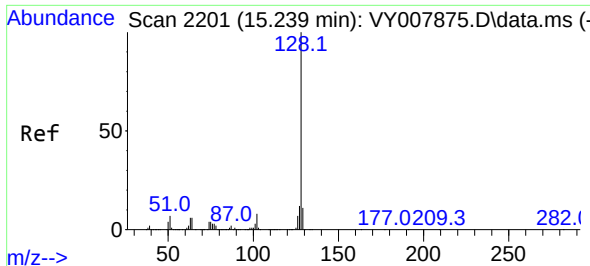
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#94
Hexachlorobutadiene
Concen: 18.453 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

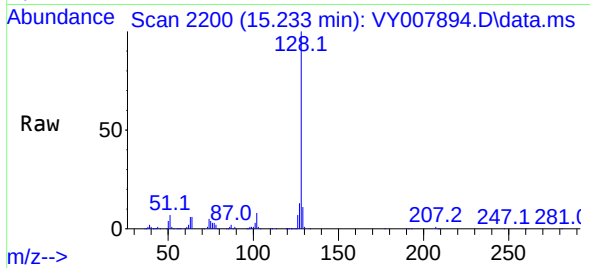
Tgt Ion:225 Resp: 47246
Ion Ratio Lower Upper
225 100
223 61.8 30.8 92.3
227 61.9 31.6 94.7





#95
Naphthalene
Concen: 19.243 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41

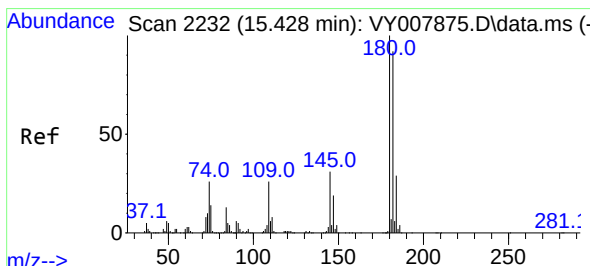
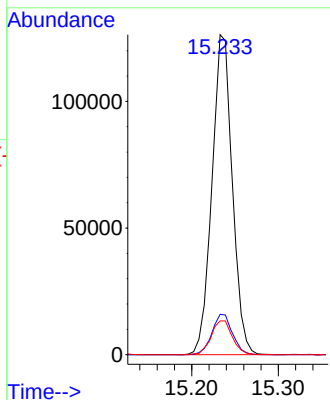
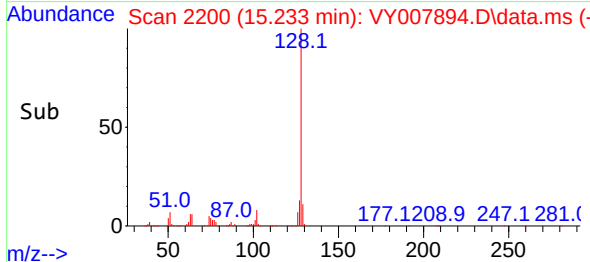
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBS01



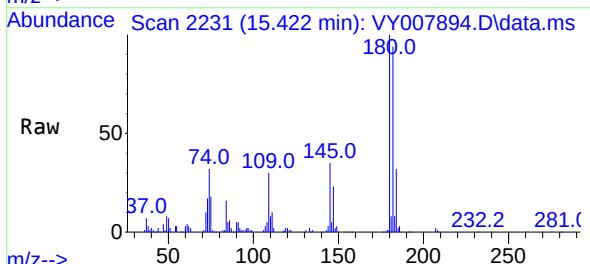
Tgt Ion:128 Resp: 206040
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.870 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY007894.D
Acq: 18 Mar 2022 11:41



Tgt Ion:180 Resp: 79875
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 34.5 15.3 45.9

