

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007946.D
 Acq On : 21 Mar 2022 11:47
 Operator : SY/MD
 Sample : VY0321SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 21 19:04:28 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	247516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	424047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	376865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	178632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	139209	49.327	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.660%		
35) Dibromofluoromethane	7.715	113	144099	48.387	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.780%		
50) Toluene-d8	10.178	98	501013	56.484	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	112.960%		
62) 4-Bromofluorobenzene	12.483	95	191271	44.752	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	39913	22.091	ug/l	97
3) Chloromethane	2.113	50	53047	23.456	ug/l	96
4) Vinyl Chloride	2.253	62	65017	23.982	ug/l	99
5) Bromomethane	2.643	94	52099	28.975	ug/l	97
6) Chloroethane	2.789	64	45244	22.352	ug/l	97
7) Trichlorofluoromethane	3.125	101	96002	21.155	ug/l	98
8) Diethyl Ether	3.533	74	34542	20.509	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.905	101	62266	21.243	ug/l	91
10) Methyl Iodide	4.094	142	54298	20.040	ug/l	91
11) Tert butyl alcohol	4.948	59	32880	100.008	ug/l #	93
12) 1,1-Dichloroethene	3.875	96	56152	20.893	ug/l	90
13) Acrolein	3.728	56	22838	115.331	ug/l	96
14) Allyl chloride	4.484	41	90737	20.072	ug/l #	93
15) Acrylonitrile	5.167	53	91876	102.359	ug/l	96
16) Acetone	3.948	43	73310	97.920	ug/l #	89
17) Carbon Disulfide	4.198	76	134850	23.448	ug/l	99
18) Methyl Acetate	4.472	43	47403	23.545	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	175742	20.846	ug/l	100
20) Methylene Chloride	4.716	84	72418	22.383	ug/l	83
21) trans-1,2-Dichloroethene	5.222	96	63654	21.155	ug/l	88
22) Diisopropyl ether	6.118	45	202587	20.830	ug/l #	94
23) Vinyl Acetate	6.057	43	632724	103.869	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	115982	21.172	ug/l	98
25) 2-Butanone	6.984	43	117357	97.863	ug/l #	83
26) 2,2-Dichloropropane	6.984	77	106937	21.062	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	76563	21.199	ug/l	87
28) Bromochloromethane	7.331	49	47704	22.047	ug/l #	87
29) Tetrahydrofuran	7.350	42	76998	100.208	ug/l #	87
30) Chloroform	7.508	83	121747	21.501	ug/l	99
31) Cyclohexane	7.782	56	105144	23.033	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	108328	21.241	ug/l	96
36) 1,1-Dichloropropene	7.917	75	89345	20.228	ug/l	97
37) Ethyl Acetate	7.075	43	50844	18.865	ug/l #	93
38) Carbon Tetrachloride	7.898	117	95115	20.152	ug/l	93
39) Methylcyclohexane	9.185	83	114208	21.517	ug/l	90
40) Benzene	8.160	78	258588	20.034	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	26208m	15.768	ug/l	
42) 1,2-Dichloroethane	8.240	62	76496	20.469	ug/l	91
43) Isopropyl Acetate	8.276	43	99857	19.218	ug/l #	90
44) Trichloroethene	8.941	130	70888	19.861	ug/l	93
45) 1,2-Dichloropropane	9.215	63	67086	20.072	ug/l	96
46) Dibromomethane	9.307	93	39760	20.336	ug/l	89
47) Bromodichloromethane	9.496	83	93821	19.863	ug/l	99
48) Methyl methacrylate	9.294	41	43603	18.865	ug/l #	87
49) 1,4-Dioxane	9.294	88	11364	410.404	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	261038	95.355	ug/l	90
52) Toluene	10.245	92	166490	20.085	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	98503	19.549	ug/l	98
54) cis-1,3-Dichloropropene	9.928	75	110945	19.745	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	56903	20.032	ug/l	97
56) Ethyl methacrylate	10.508	69	77736	19.063	ug/l #	81
57) 1,3-Dichloropropane	10.794	76	94490	19.948	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	189553	94.754	ug/l	96
59) 2-Hexanone	10.831	43	181440	92.683	ug/l	89
60) Dibromochloromethane	10.983	129	66103	19.430	ug/l	98
61) 1,2-Dibromoethane	11.087	107	53226	19.369	ug/l	100
64) Tetrachloroethene	10.721	164	57488	19.603	ug/l	95
65) Chlorobenzene	11.514	112	180060	19.945	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	66605	19.595	ug/l	97
67) Ethyl Benzene	11.593	91	328434	20.423	ug/l	99
68) m/p-Xylenes	11.703	106	250505	39.933	ug/l	94
69) o-Xylene	12.032	106	121914	20.092	ug/l	94
70) Styrene	12.044	104	203999	19.997	ug/l	95
71) Bromoform	12.209	173	39697	18.234	ug/l #	100
73) Isopropylbenzene	12.330	105	322369	20.502	ug/l	99
74) N-amyl acetate	12.141	43	90588	19.528	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	68304	20.181	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	43587m	17.119	ug/l	
77) Bromobenzene	12.611	156	69850	19.440	ug/l	95
78) n-propylbenzene	12.672	91	389860	20.533	ug/l	98
79) 2-Chlorotoluene	12.757	91	218755	20.478	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	265527	20.535	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	23479	19.369	ug/l #	85
82) 4-Chlorotoluene	12.855	91	225167	20.291	ug/l	98
83) tert-Butylbenzene	13.074	119	233489	20.179	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	262284	20.692	ug/l	98
85) sec-Butylbenzene	13.257	105	359966	20.758	ug/l	100
86) p-Isopropyltoluene	13.373	119	288705	20.508	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	141600	20.179	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	141698	20.147	ug/l	98
89) n-Butylbenzene	13.696	91	281387	20.828	ug/l	99
90) Hexachloroethane	13.964	117	57290	20.388	ug/l	76
91) 1,2-Dichlorobenzene	13.739	146	126462	20.035	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10931	18.773	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	72690	18.218	ug/l	98
94) Hexachlorobutadiene	15.117	225	37778	17.747	ug/l	99
95) Naphthalene	15.238	128	167091	18.769	ug/l	98
96) 1,2,3-Trichlorobenzene	15.427	180	62478	17.753	ug/l	97

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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

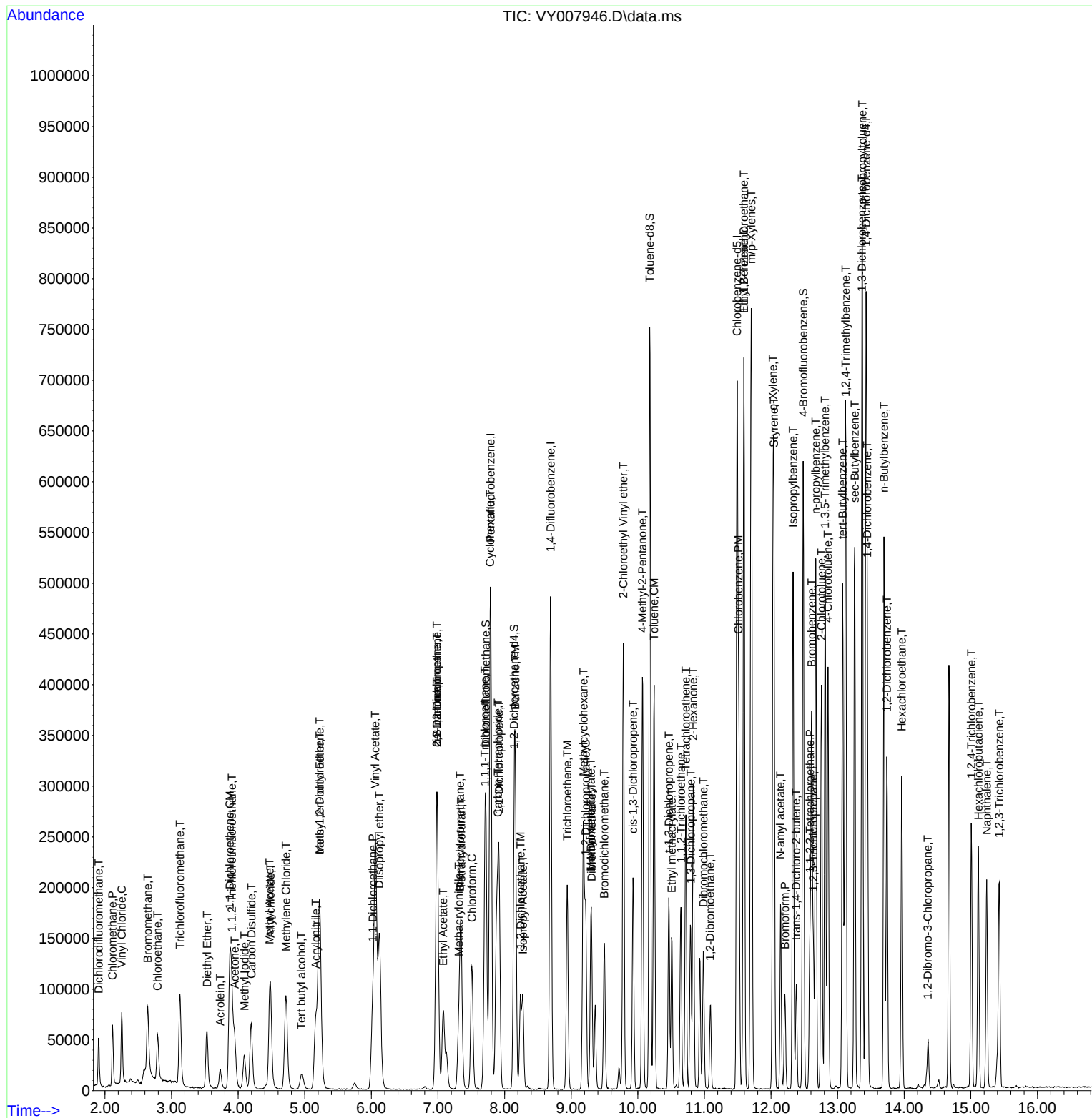
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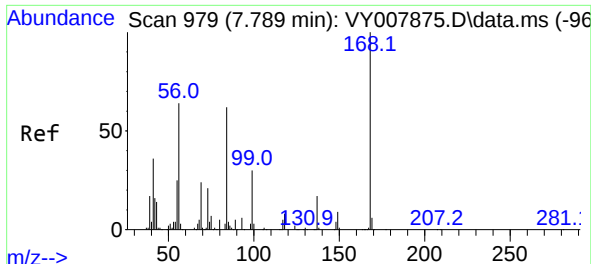
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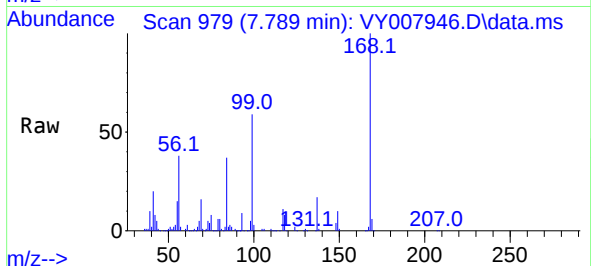
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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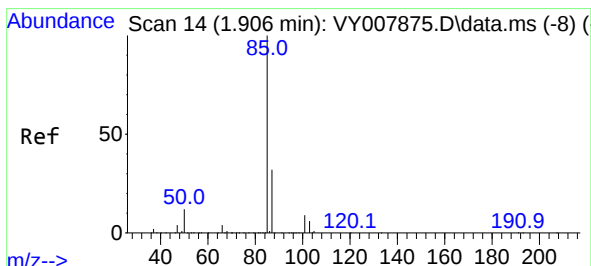
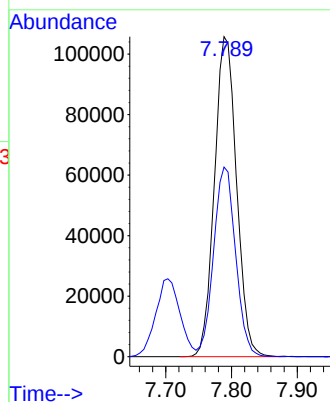
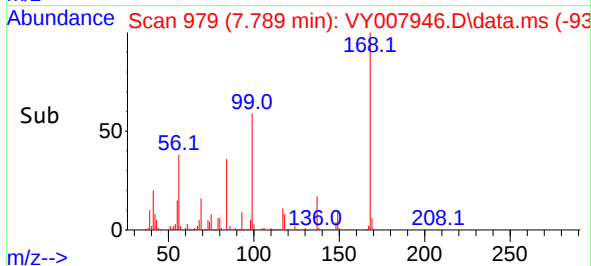
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Tgt Ion:168 Resp: 247510
Ion Ratio Lower Upper
168 100
99 59.3 46.9 70.3

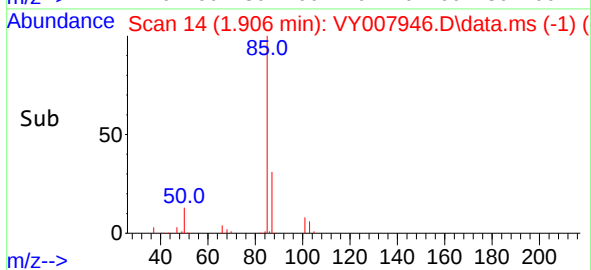
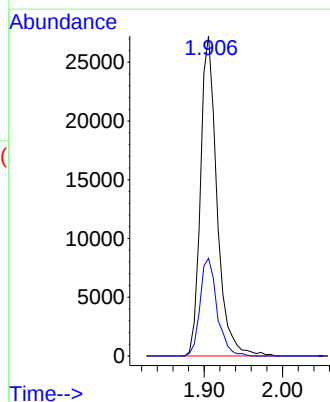
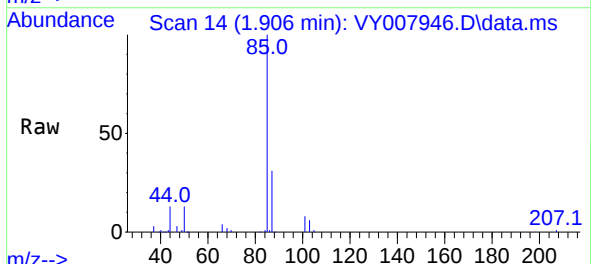
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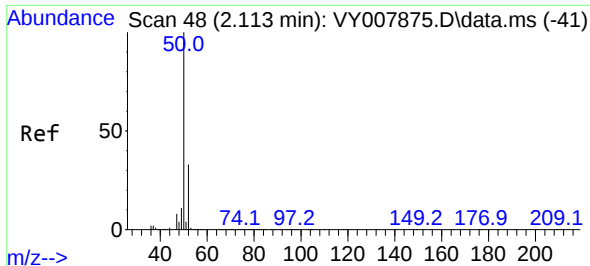
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#2
Dichlorodifluoromethane
Concen: 22.091 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

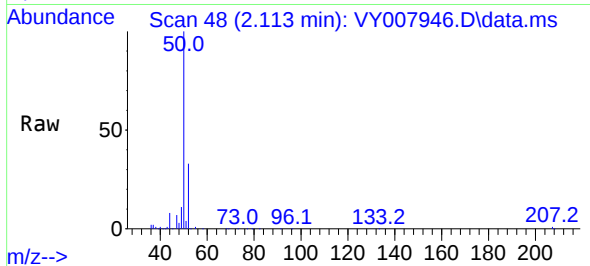
Tgt Ion: 85 Resp: 39913
Ion Ratio Lower Upper
85 100
87 30.5 16.1 48.2





#3
Chloromethane
Concen: 23.456 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

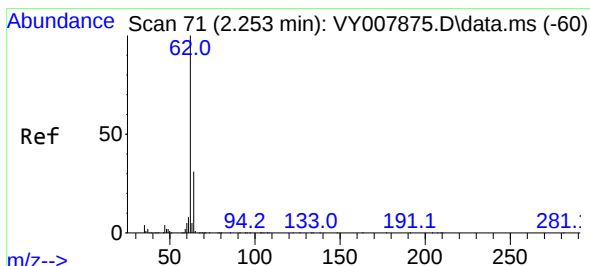
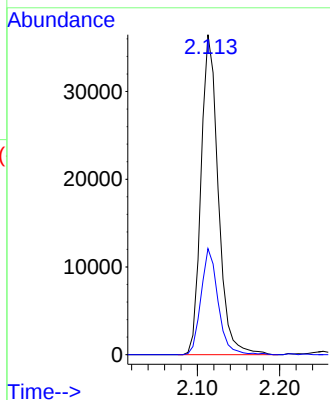
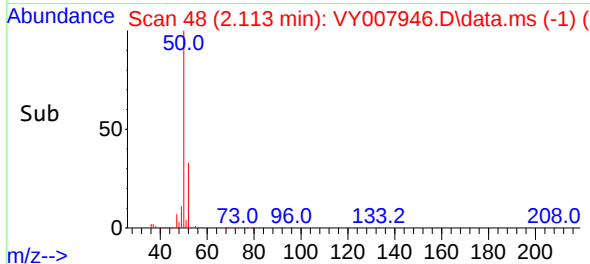
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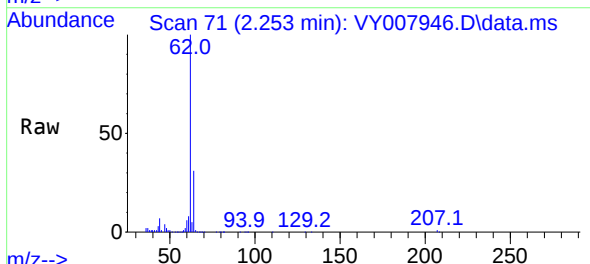
Tgt Ion: 50 Resp: 5304
Ion Ratio Lower Upper
50 100
52 33.1 24.6 37.0

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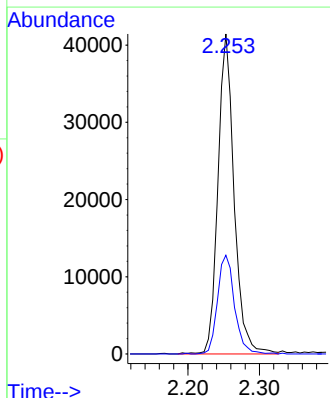
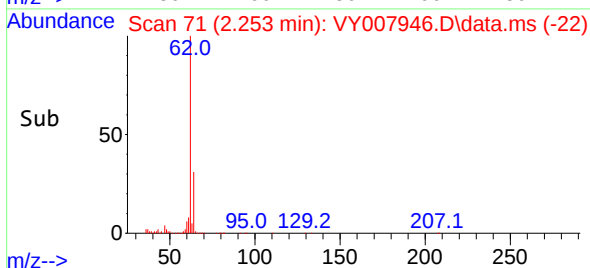
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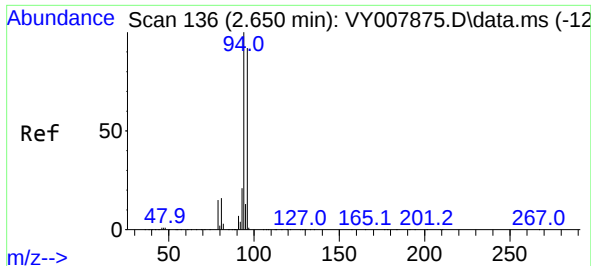


#4
Vinyl Chloride
Concen: 23.982 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



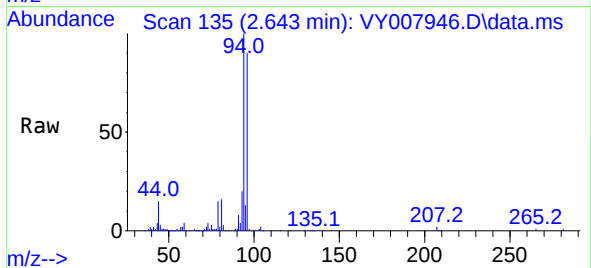
Tgt Ion: 62 Resp: 65017
Ion Ratio Lower Upper
62 100
64 30.8 25.0 37.6





#5
Bromomethane
Concen: 28.975 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY007946.D
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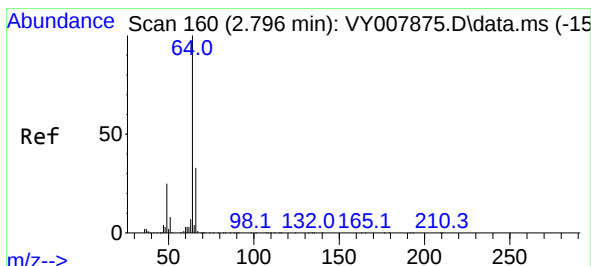
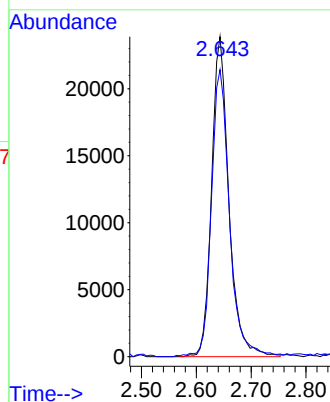
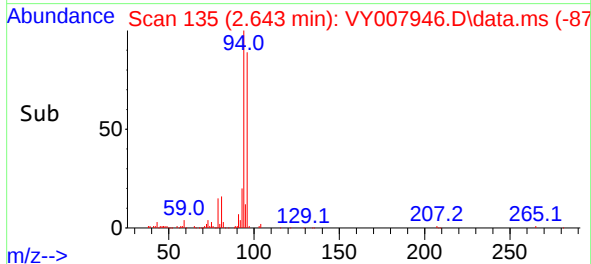
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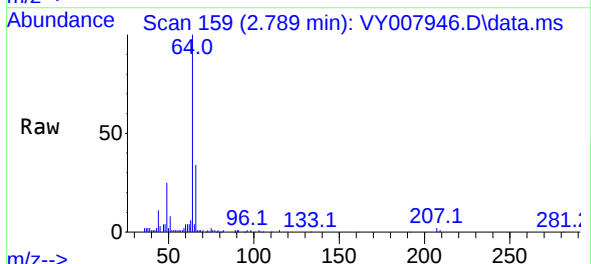
Tgt Ion: 94 Resp: 52099
Ion Ratio Lower Upper
94 100
96 89.4 73.5 110.3

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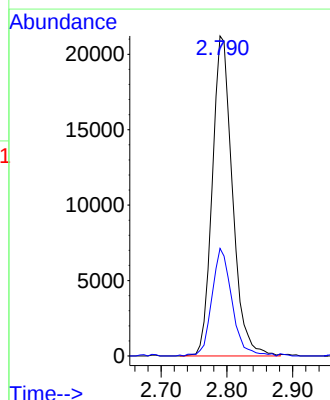
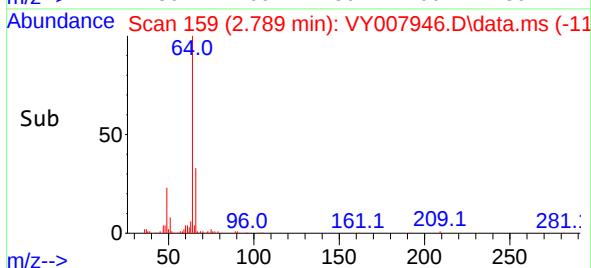
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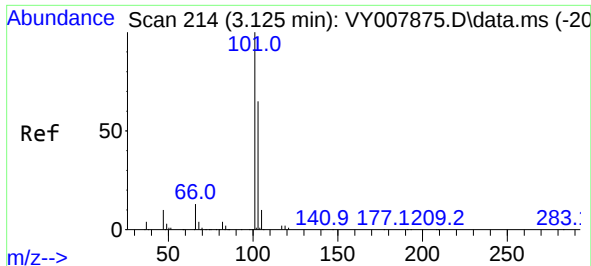


#6
Chloroethane
Concen: 22.352 ug/l
RT: 2.789 min Scan# 159
Delta R.T. -0.007 min
Lab File: VY007946.D
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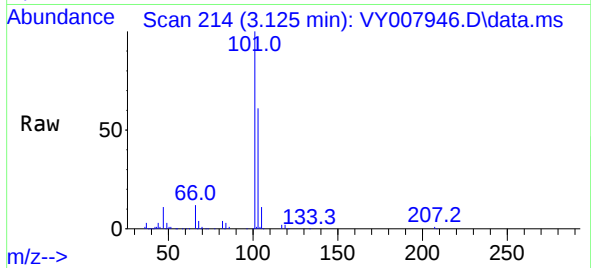
Tgt Ion: 64 Resp: 45244
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0





#7
Trichlorofluoromethane
Concen: 21.155 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY007946.D
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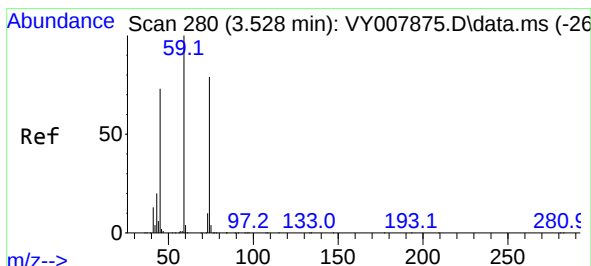
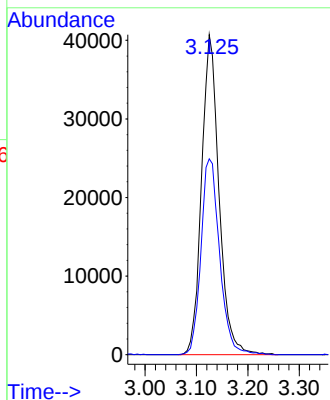
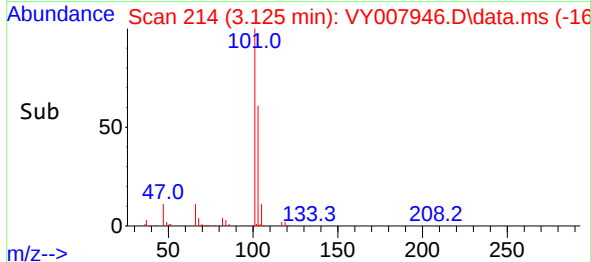
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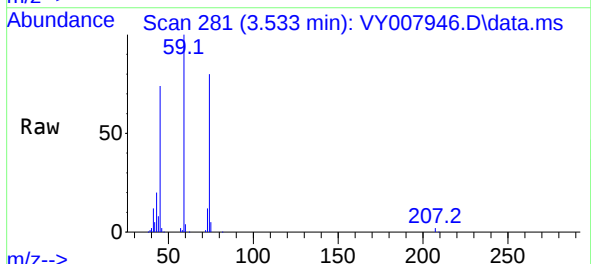
Tgt Ion:101 Resp: 9600
Ion Ratio Lower Upper
101 100
103 61.2 48.0 72.0

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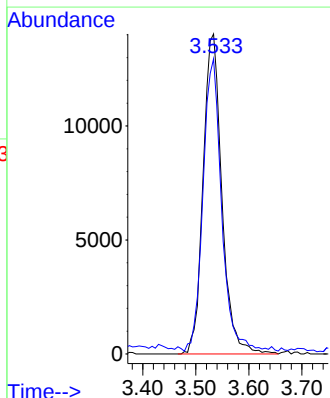
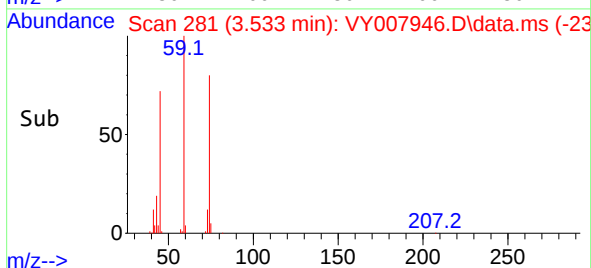
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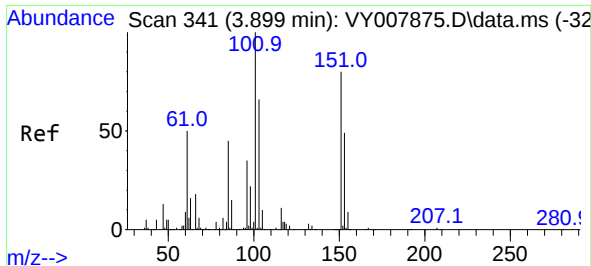


#8
Diethyl Ether
Concen: 20.509 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



Tgt Ion: 74 Resp: 34542
Ion Ratio Lower Upper
74 100
45 90.3 55.1 165.5





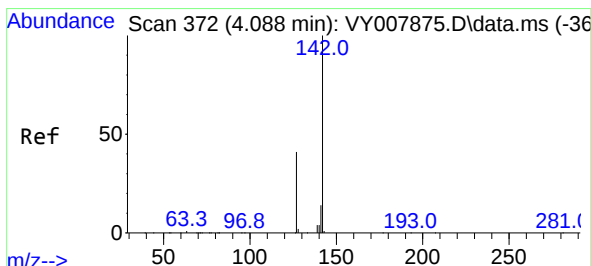
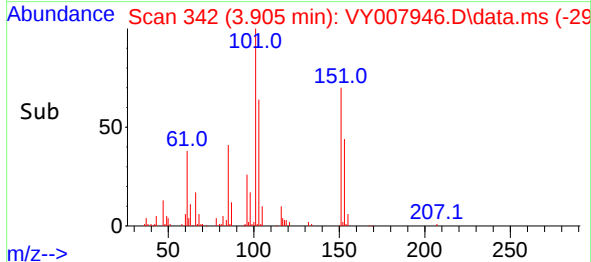
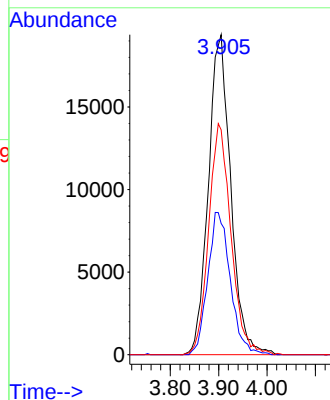
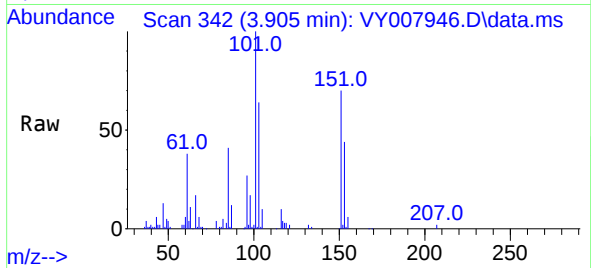
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.243 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

Tgt Ion:101 Resp: 62260
Ion Ratio Lower Upper
101 100
85 44.8 40.6 60.8
151 72.2 64.9 97.3

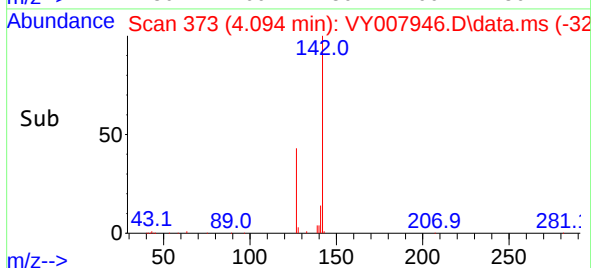
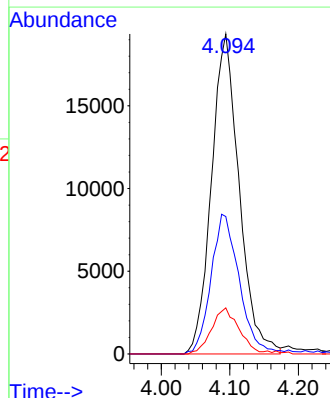
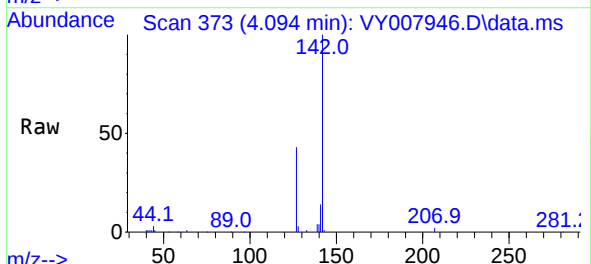
Manual Integrations
APPROVED

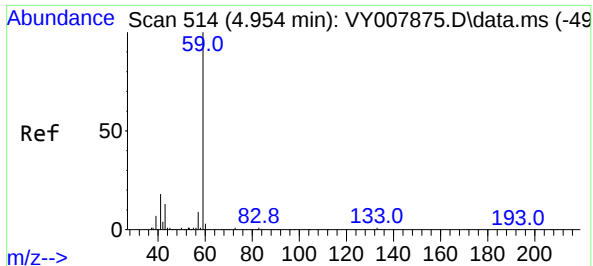
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#10
Methyl Iodide
Concen: 20.040 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Tgt Ion:142 Resp: 54298
Ion Ratio Lower Upper
142 100
127 44.5 41.5 62.3
141 14.2 11.9 17.9





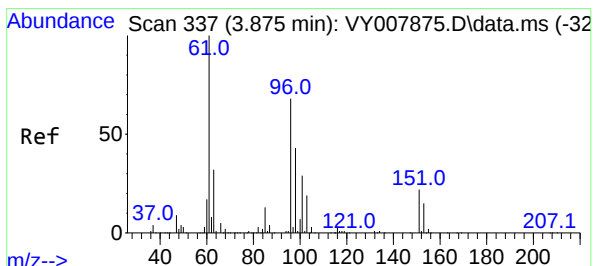
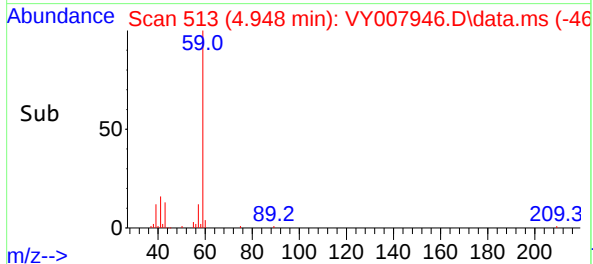
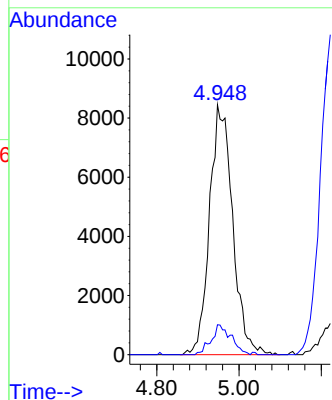
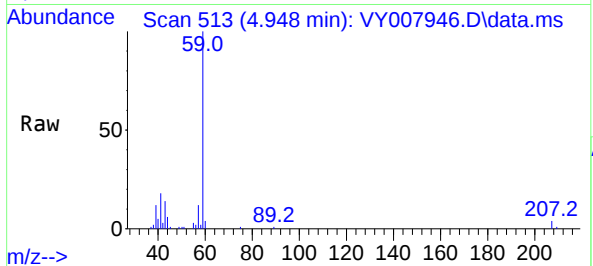
#11
Tert butyl alcohol
Concen: 100.008 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.007 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

Tgt Ion: 59 Resp: 32880
Ion Ratio Lower Upper
59 100
57 10.4 6.4 9.6

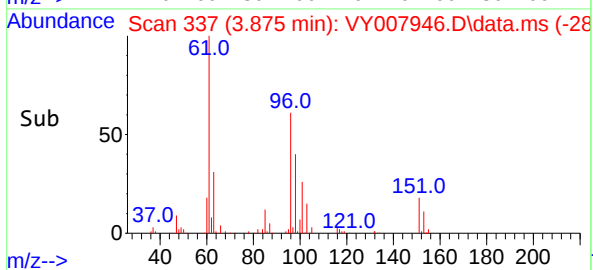
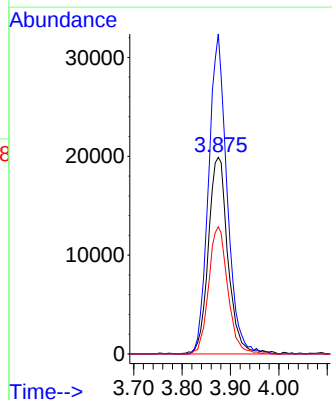
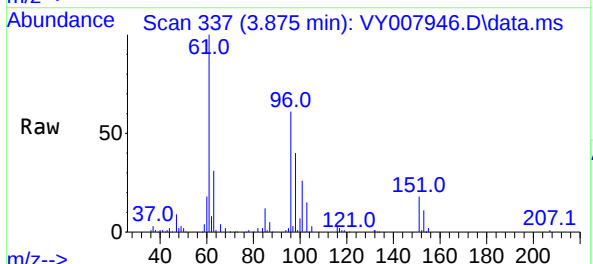
Manual Integrations
APPROVED

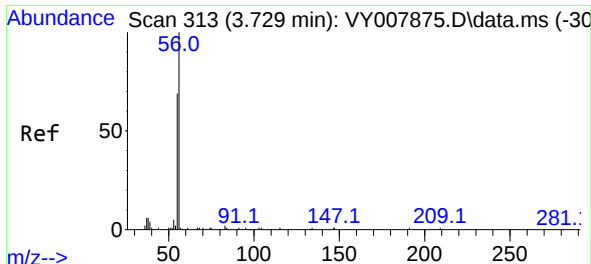
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#12
1,1-Dichloroethene
Concen: 20.893 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

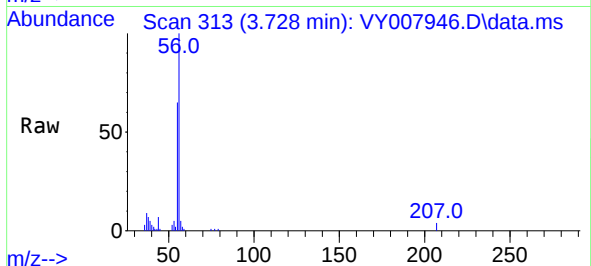
Tgt Ion: 96 Resp: 56152
Ion Ratio Lower Upper
96 100
61 162.7 145.8 218.6
98 64.7 52.5 78.7





#13
Acrolein
Concen: 115.331 ug/l
RT: 3.728 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

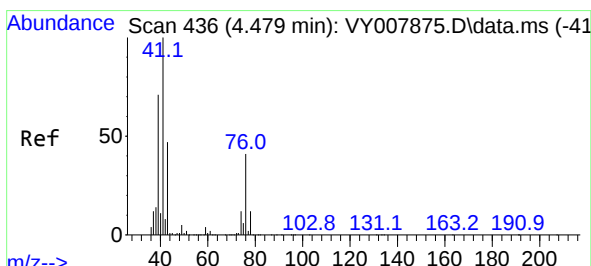
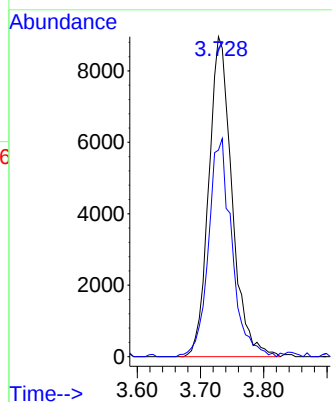
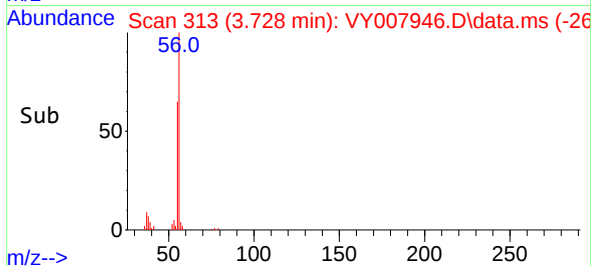
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01



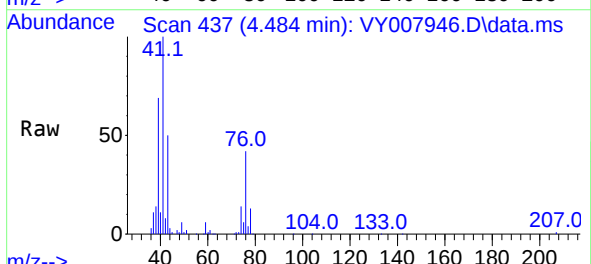
Tgt Ion: 56 Resp: 22838
Ion Ratio Lower Upper
56 100
55 68.3 57.6 86.4

Manual Integrations
APPROVED

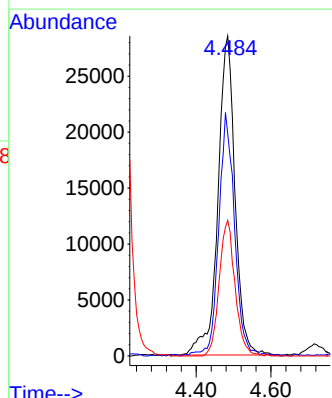
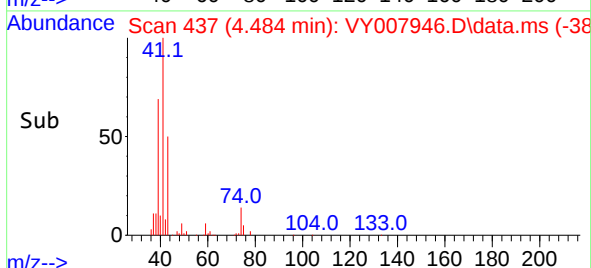
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

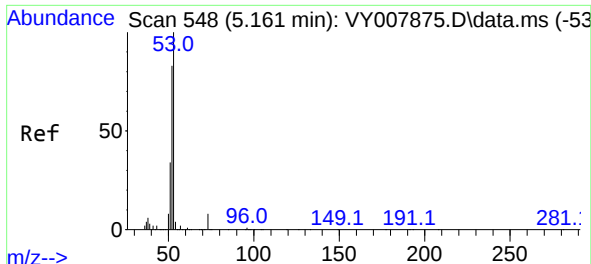


#14
Allyl chloride
Concen: 20.072 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



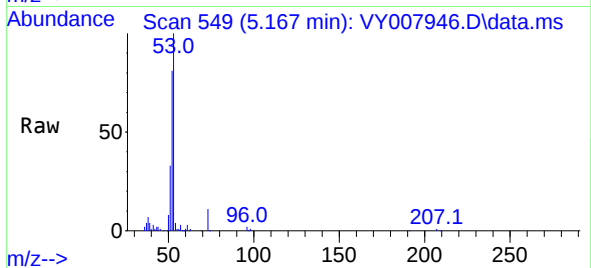
Tgt Ion: 41 Resp: 90737
Ion Ratio Lower Upper
41 100
39 70.7 58.8 88.2
76 39.3 25.1 37.7#





#15
Acrylonitrile
Concen: 102.359 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

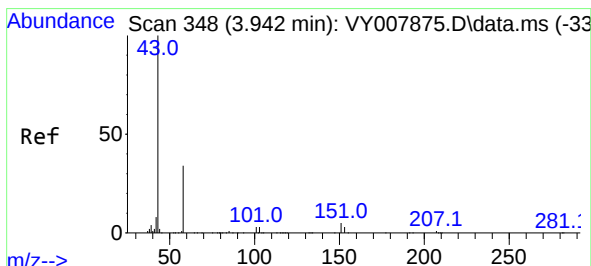
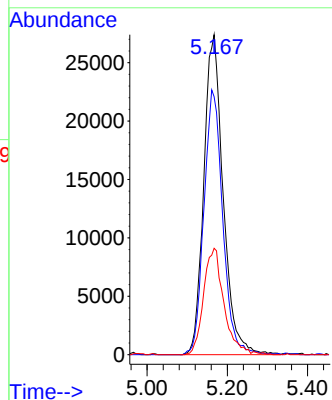
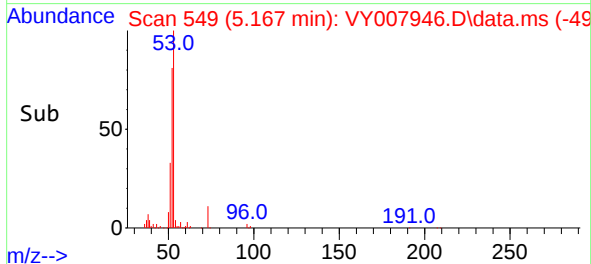
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01



Tgt Ion: 53 Resp: 91870
Ion Ratio Lower Upper
53 100
52 80.4 67.0 100.4
51 35.1 29.8 44.6

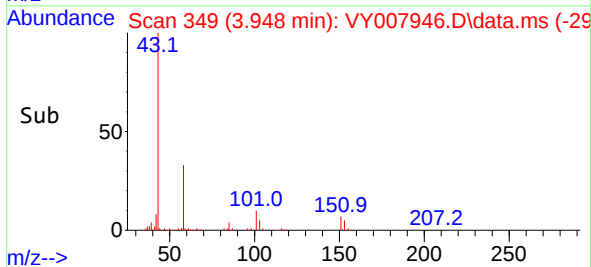
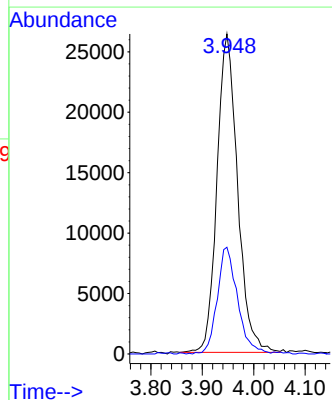
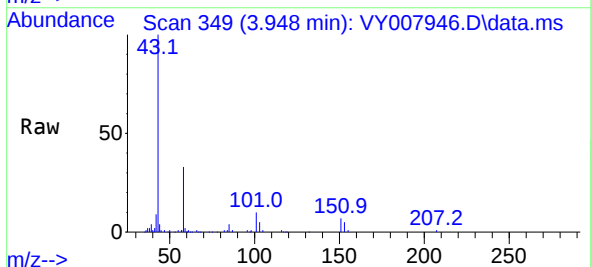
Manual Integrations
APPROVED

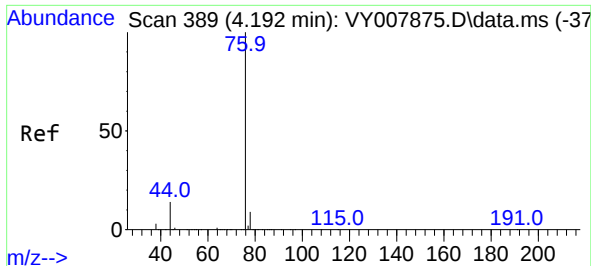
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#16
Acetone
Concen: 97.920 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

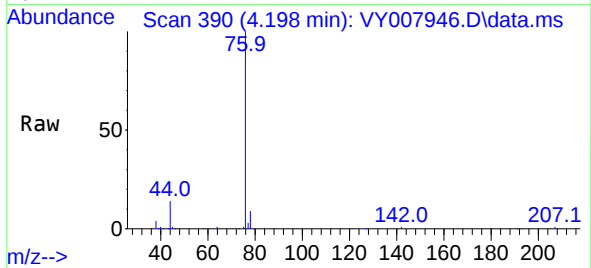
Tgt Ion: 43 Resp: 73310
Ion Ratio Lower Upper
43 100
58 33.2 22.0 33.0#





#17
Carbon Disulfide
Concen: 23.448 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

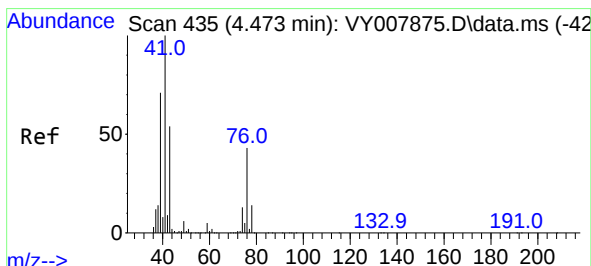
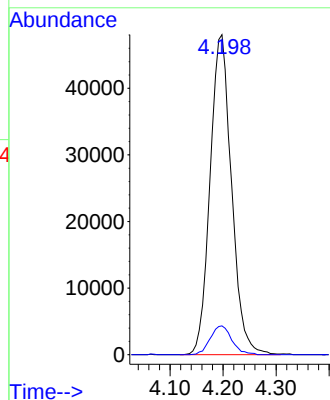
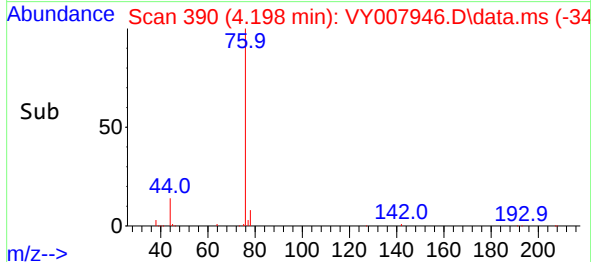
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01



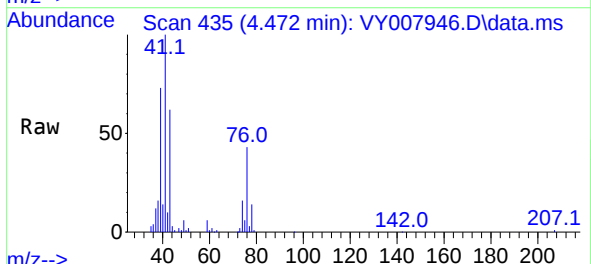
Tgt Ion: 76 Resp: 134850
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

Manual Integrations
APPROVED

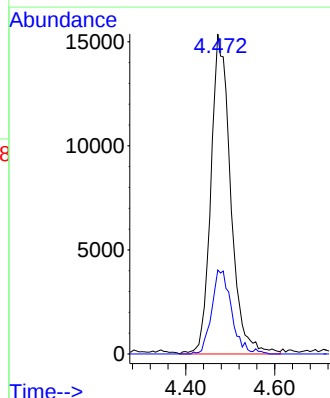
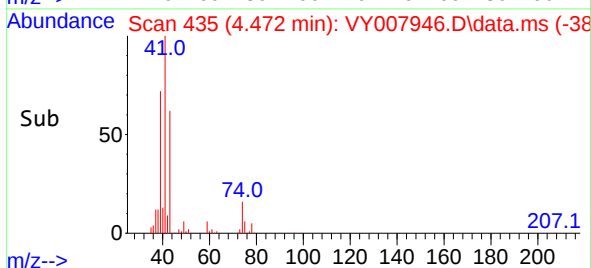
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

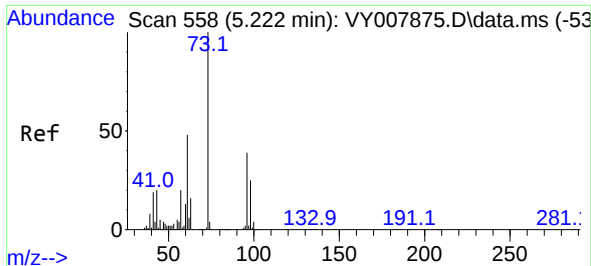


#18
Methyl Acetate
Concen: 23.545 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



Tgt Ion: 43 Resp: 47403
Ion Ratio Lower Upper
43 100
74 26.0 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 20.846 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY007946.D

Acq: 21 Mar 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

Tgt Ion: 73 Resp: 17574

Ion Ratio Lower Upper

73 100

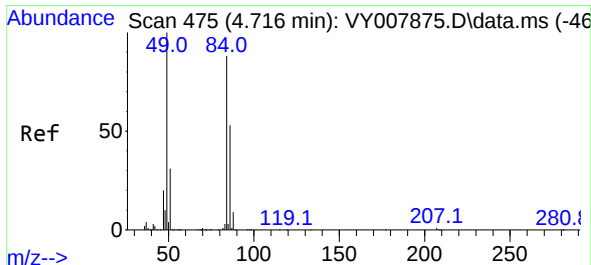
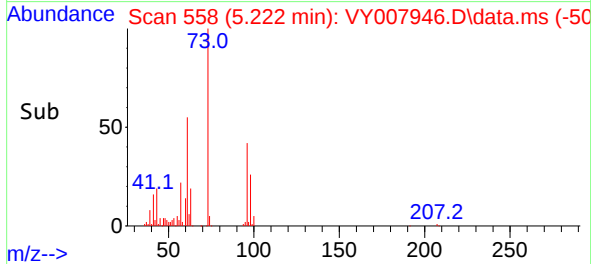
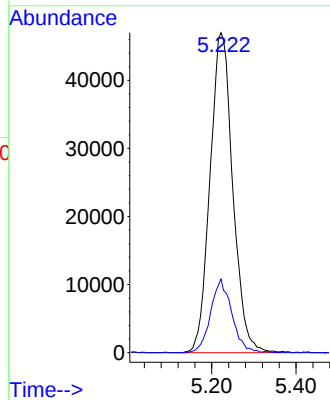
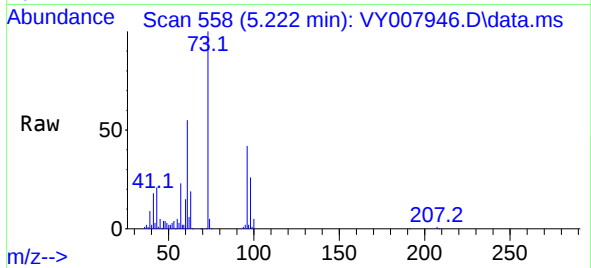
57 23.0 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#20

Methylene Chloride

Concen: 22.383 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY007946.D

Acq: 21 Mar 2022 11:47

Tgt Ion: 84 Resp: 72418

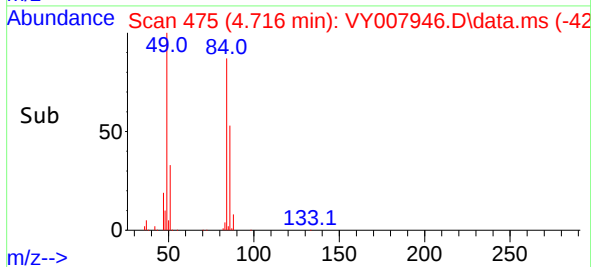
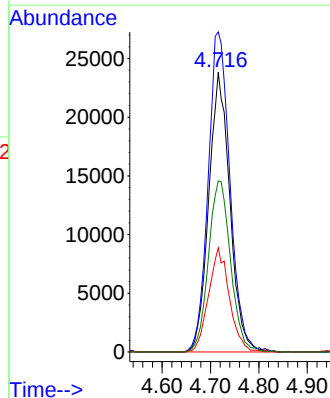
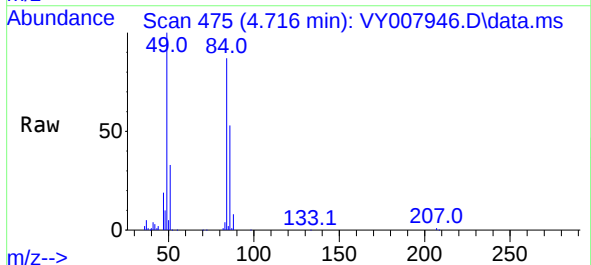
Ion Ratio Lower Upper

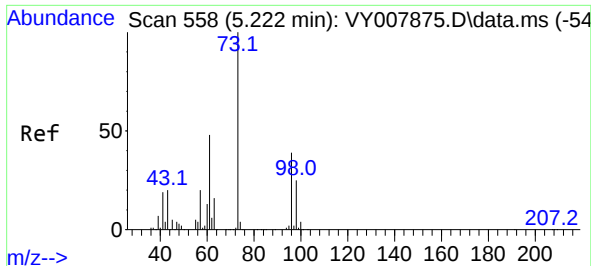
84 100

49 114.4 114.4 171.6

51 37.2 35.3 52.9

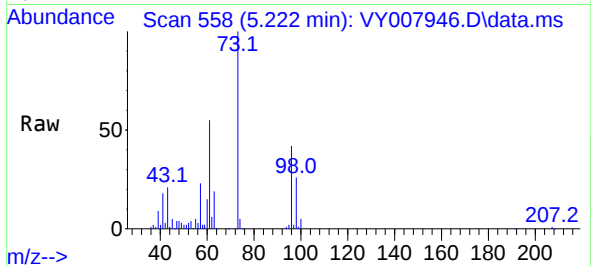
86 61.1 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 21.155 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

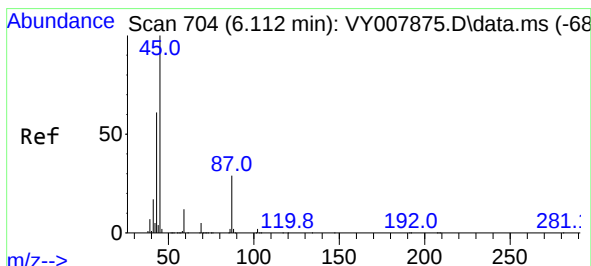
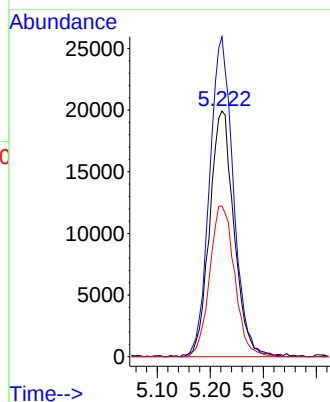
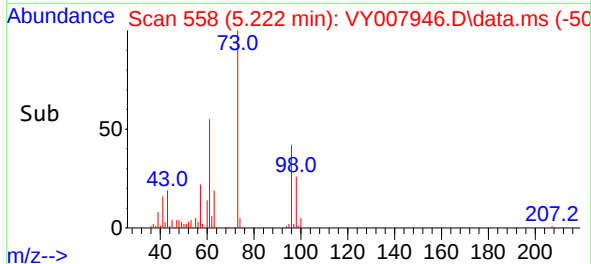
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01



Tgt Ion: 96 Resp: 63654
Ion Ratio Lower Upper
96 100
61 130.3 120.5 180.7
98 61.4 49.8 74.8

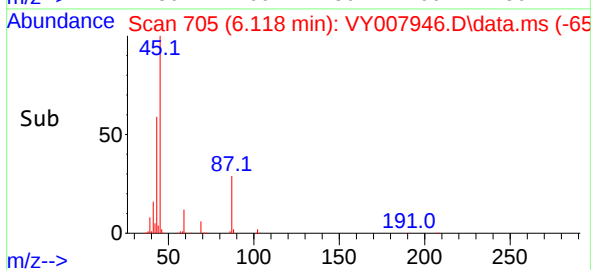
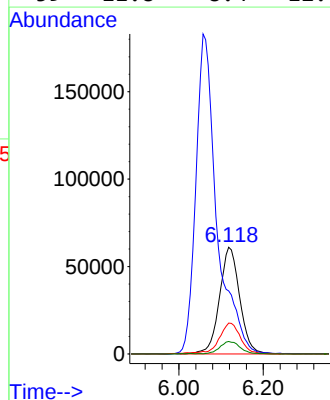
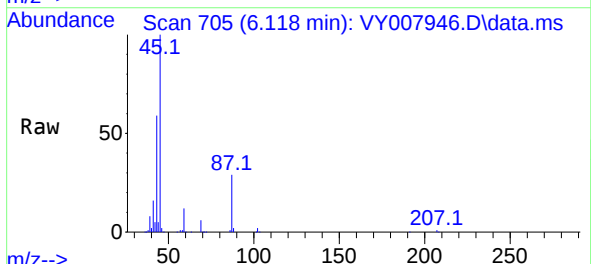
Manual Integrations
APPROVED

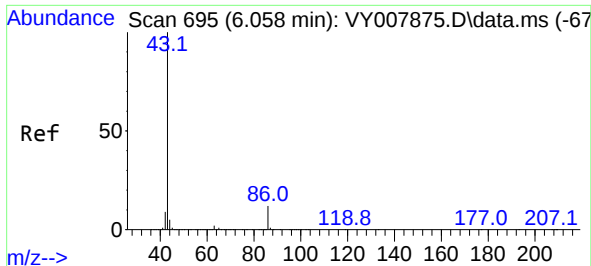
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#22
Diisopropyl ether
Concen: 20.830 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

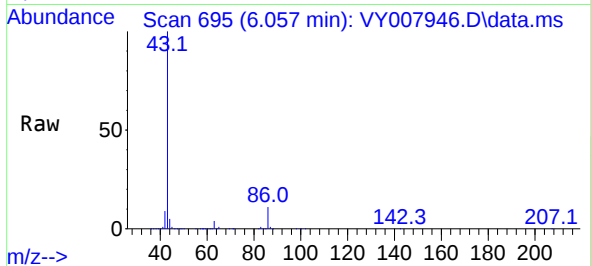
Tgt Ion: 45 Resp: 202587
Ion Ratio Lower Upper
45 100
43 58.3 49.3 73.9
87 28.9 19.2 28.8#
59 11.8 8.4 12.6





#23
 Vinyl Acetate
 Concen: 103.869 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY007946.D
 Acq: 21 Mar 2022 11:47

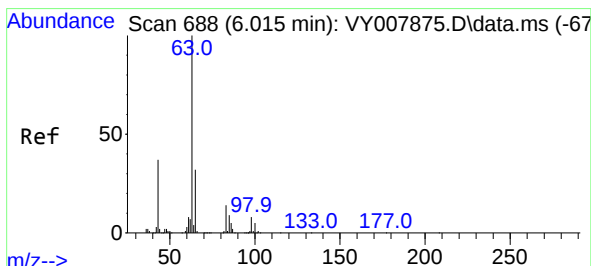
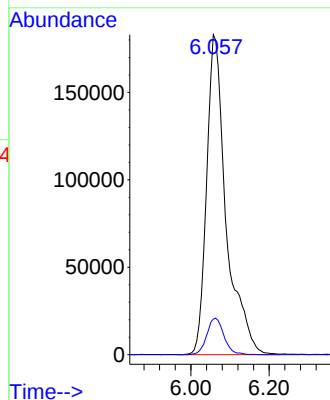
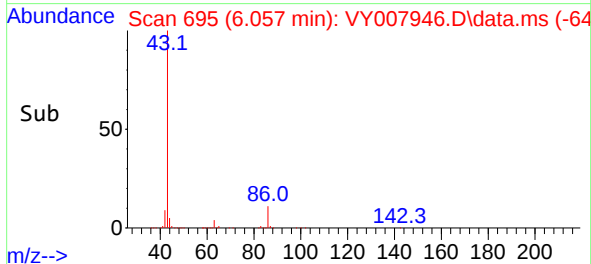
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01



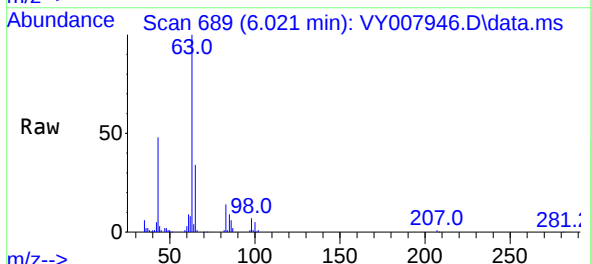
Tgt Ion: 43 Resp: 632724
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7

Manual Integrations
 APPROVED

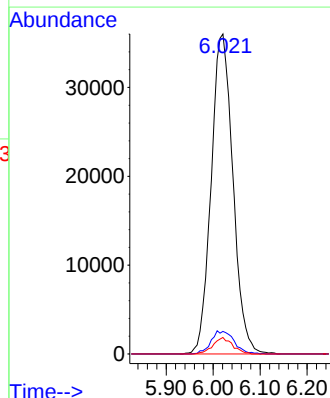
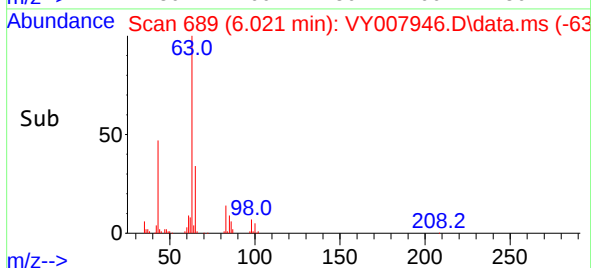
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

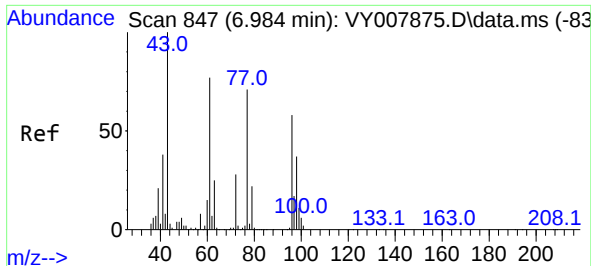


#24
 1,1-Dichloroethane
 Concen: 21.172 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY007946.D
 Acq: 21 Mar 2022 11:47



Tgt Ion: 63 Resp: 115982
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 5.2 2.0 5.8





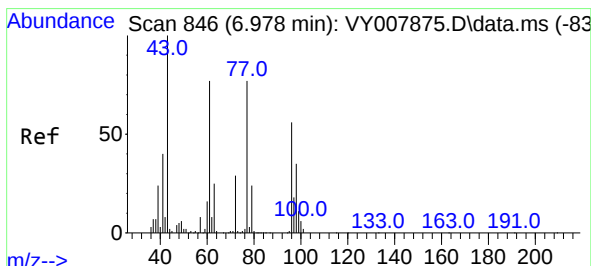
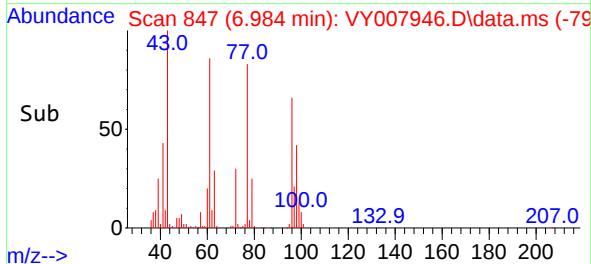
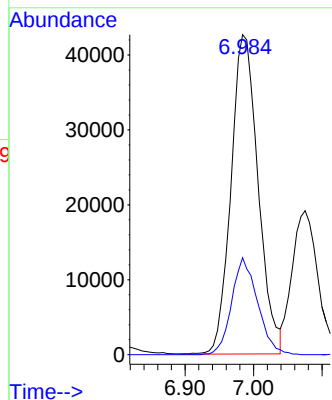
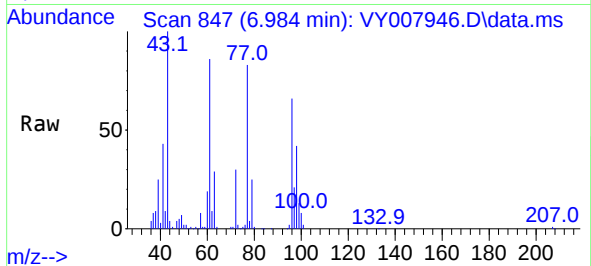
#25
2-Butanone
Concen: 97.863 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Instrument : MSVOA_Y
ClientSampleId : VY0321SBS01

Tgt Ion: 43 Resp: 11735
Ion Ratio Lower Upper
43 100
72 30.4 17.7 26.5

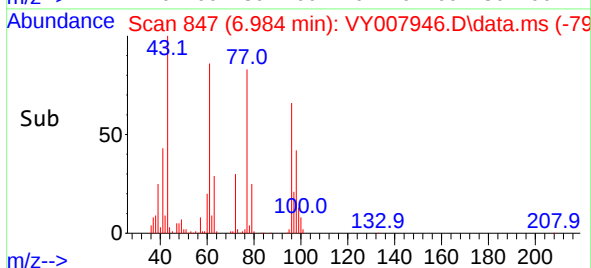
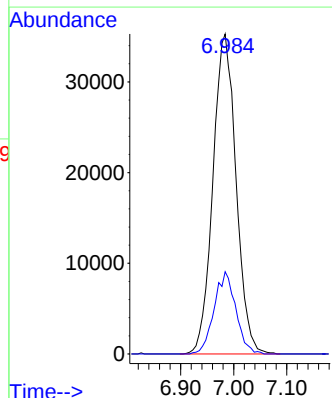
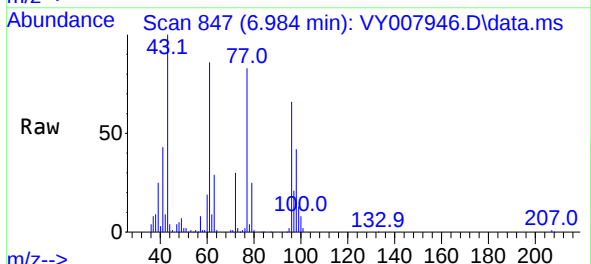
Manual Integrations
APPROVED

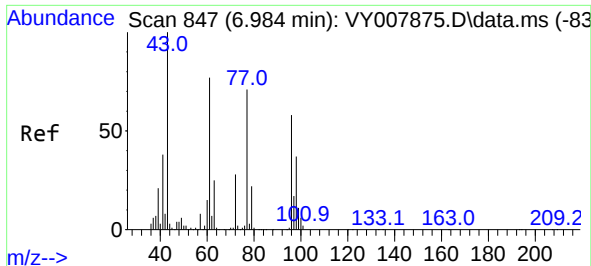
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#26
2,2-Dichloropropane
Concen: 21.062 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

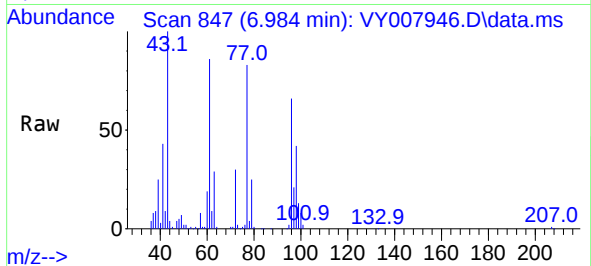
Tgt Ion: 77 Resp: 106937
Ion Ratio Lower Upper
77 100
97 24.0 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 21.199 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY007946.D
 Acq: 21 Mar 2022 11:47

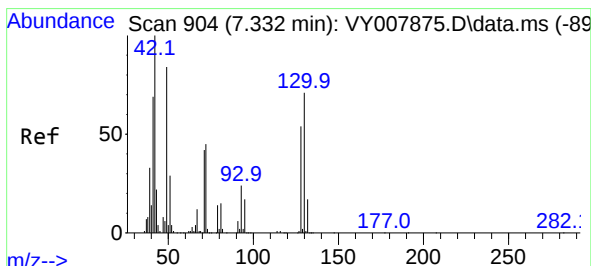
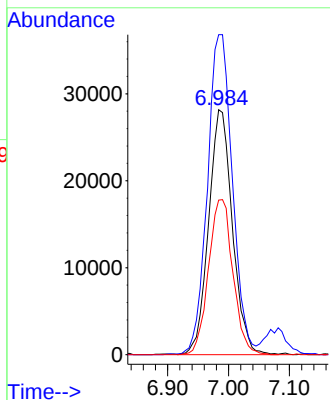
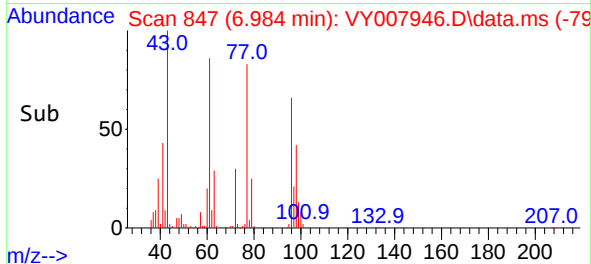
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01



Tgt Ion: 96 Resp: 7656
 Ion Ratio Lower Upper
 96 100
 61 137.2 0.0 319.8
 98 64.7 0.0 127.0

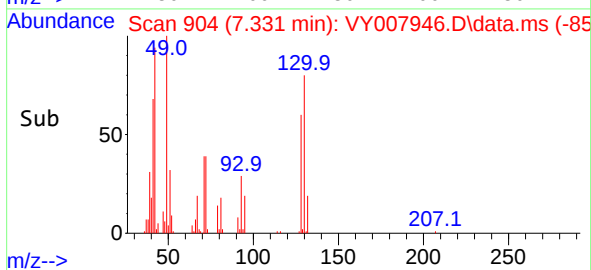
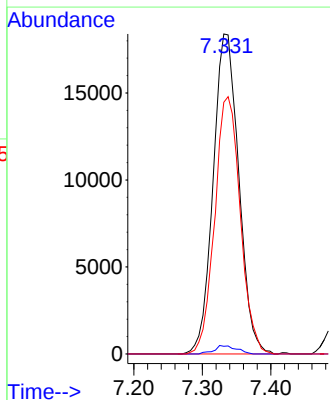
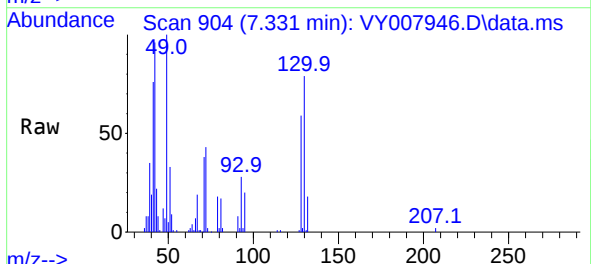
Manual Integrations
 APPROVED

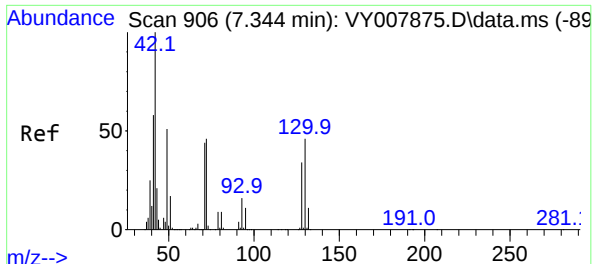
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022



#28
 Bromochloromethane
 Concen: 22.047 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY007946.D
 Acq: 21 Mar 2022 11:47

Tgt Ion: 49 Resp: 47704
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.2#
 130 80.0 55.4 83.0





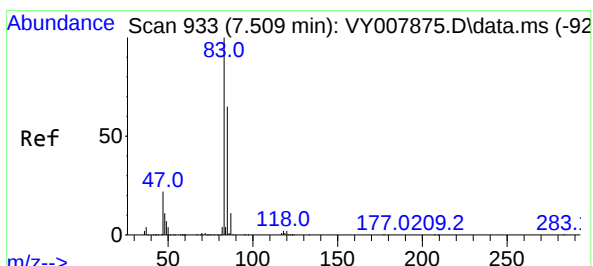
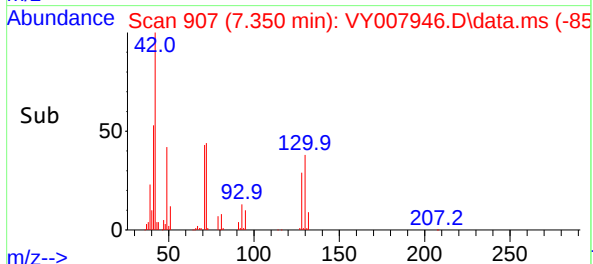
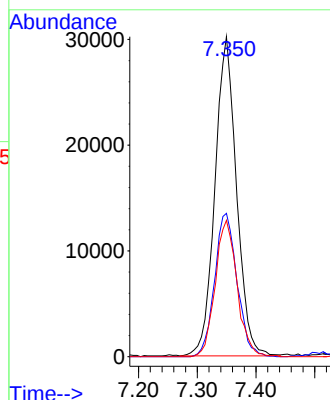
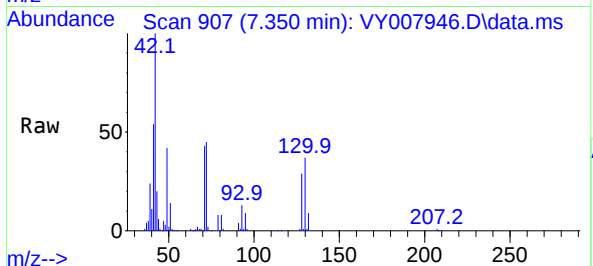
#29
Tetrahydrofuran
Concen: 100.208 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

Tgt Ion: 42 Resp: 76998
Ion Ratio Lower Upper
42 100
72 46.7 30.3 45.5
71 43.3 29.0 43.4

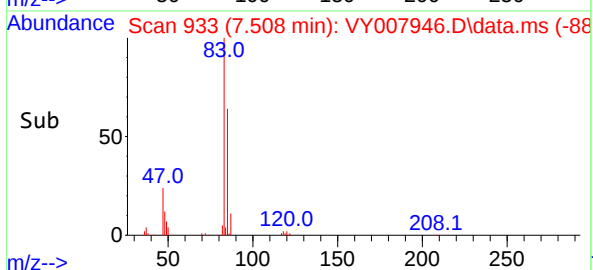
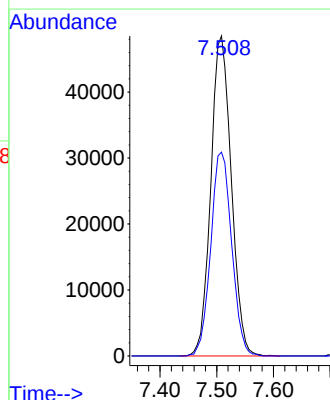
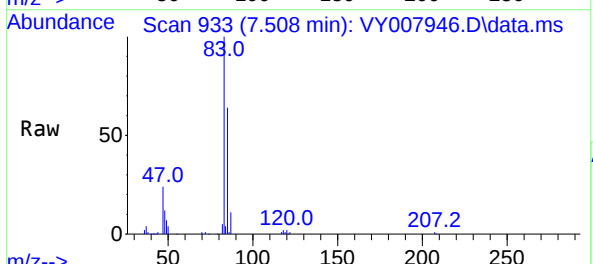
Manual Integrations
APPROVED

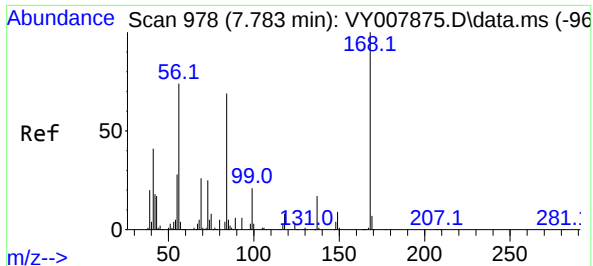
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#30
Chloroform
Concen: 21.501 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

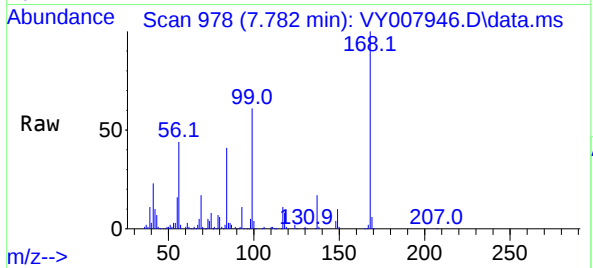
Tgt Ion: 83 Resp: 121747
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.6





#31
Cyclohexane
Concen: 23.033 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

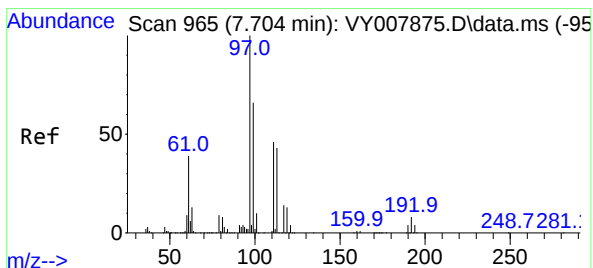
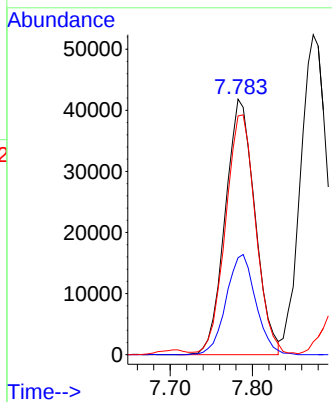
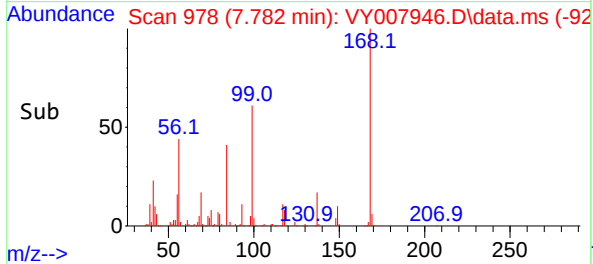
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01



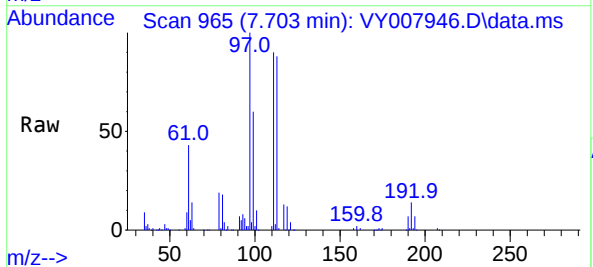
Tgt Ion: 56 Resp: 105144
Ion Ratio Lower Upper
56 100
69 37.9 26.7 40.1
84 91.6 67.2 100.8

Manual Integrations
APPROVED

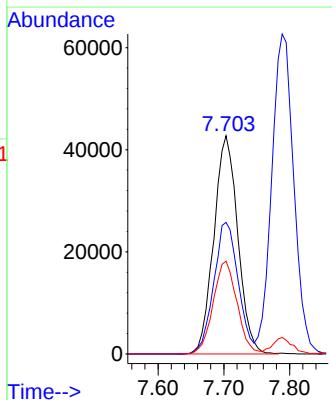
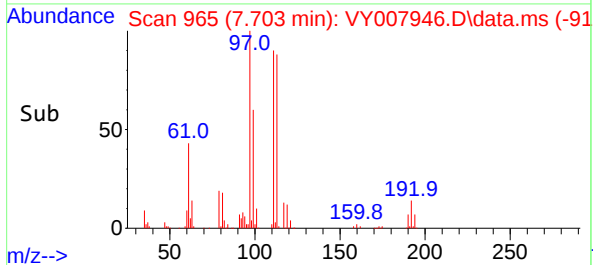
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

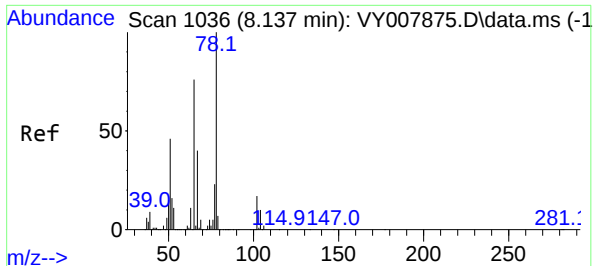


#32
1,1,1-Trichloroethane
Concen: 21.241 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



Tgt Ion: 97 Resp: 108328
Ion Ratio Lower Upper
97 100
99 61.6 50.7 76.1
61 42.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.327 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007946.D

Acq: 21 Mar 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

Tgt Ion: 65 Resp: 139209

Ion Ratio Lower Upper

65 100

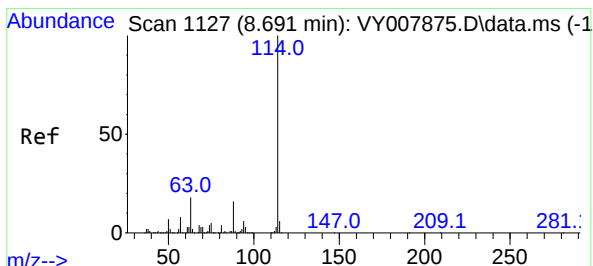
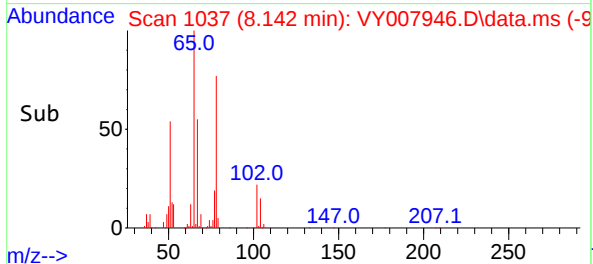
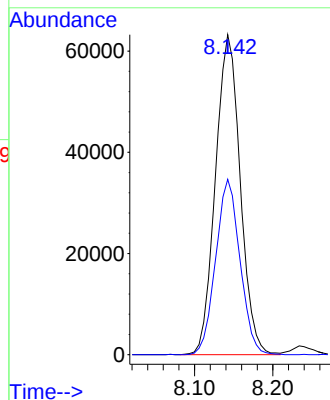
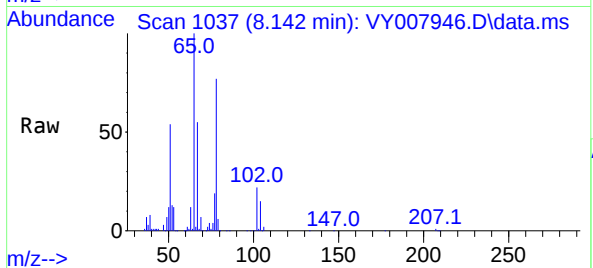
67 53.7 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007946.D

Acq: 21 Mar 2022 11:47

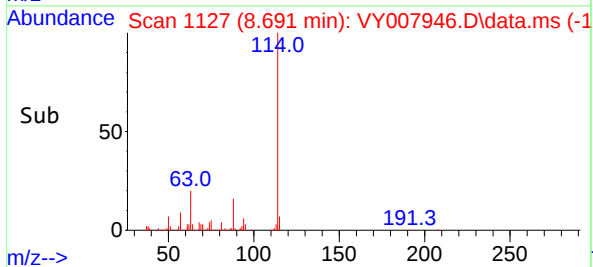
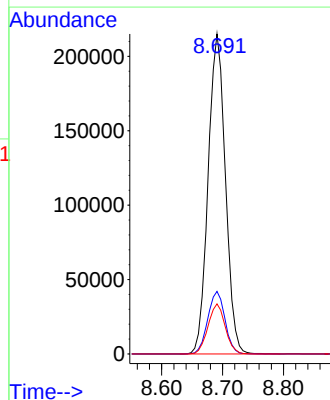
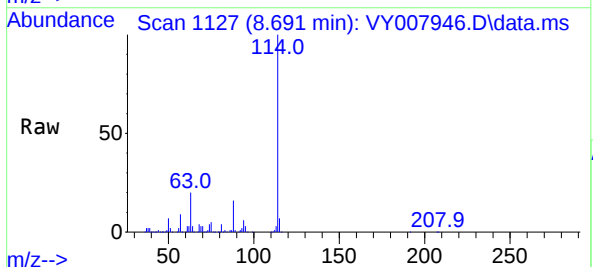
Tgt Ion:114 Resp: 424047

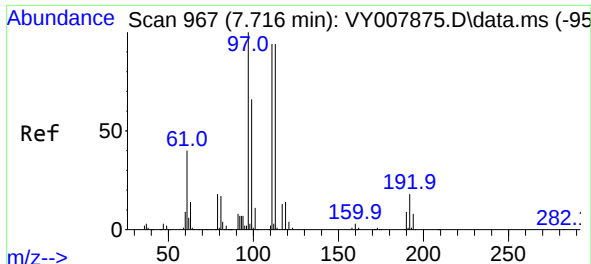
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

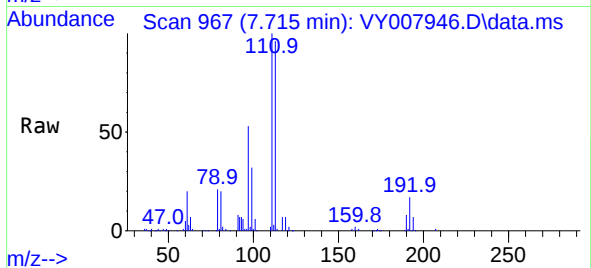
88 15.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 48.387 ug/l
RT: 7.715 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

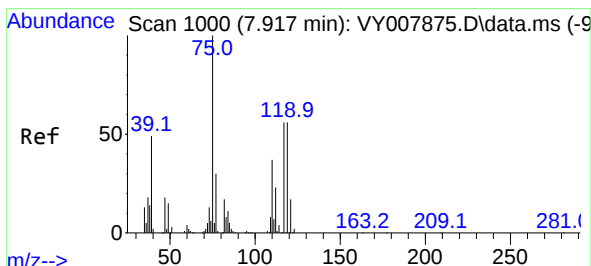
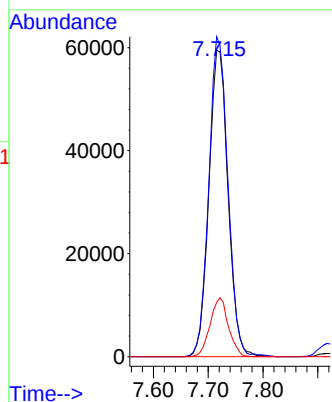
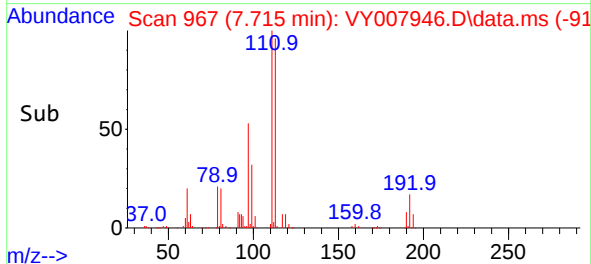
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01



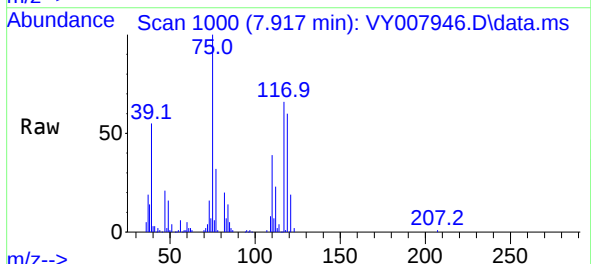
Tgt Ion: 113 Resp: 144099
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 18.4 17.6 26.4

Manual Integrations
APPROVED

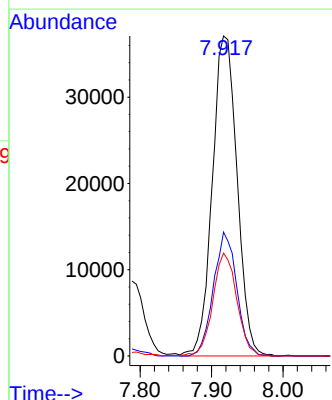
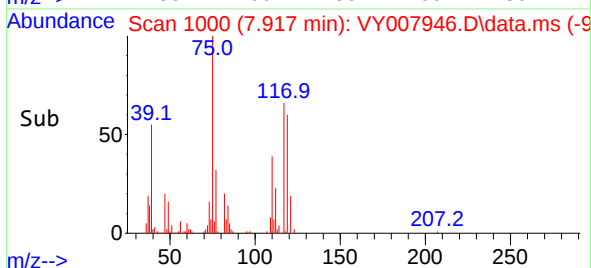
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

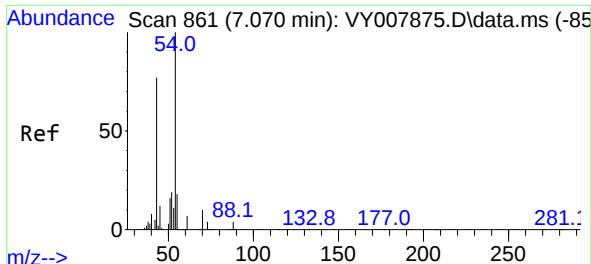


#36
1,1-Dichloropropene
Concen: 20.228 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



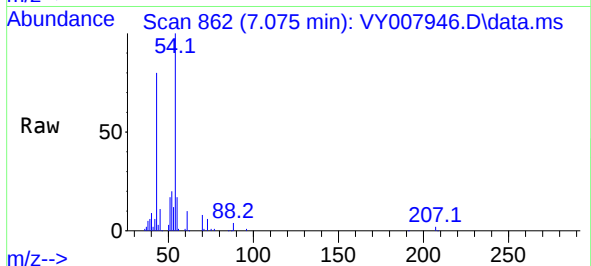
Tgt Ion: 75 Resp: 89345
Ion Ratio Lower Upper
75 100
110 36.4 17.1 51.2
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 18.865 ug/l
RT: 7.075 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

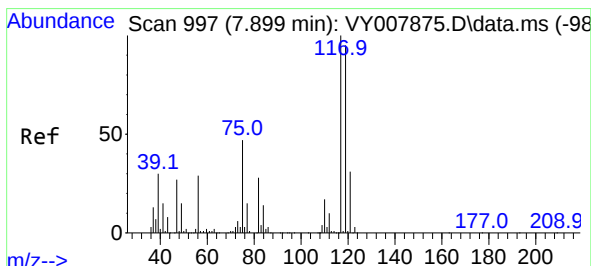
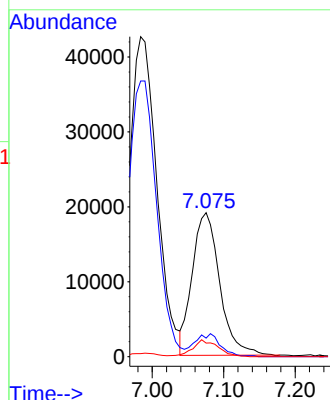
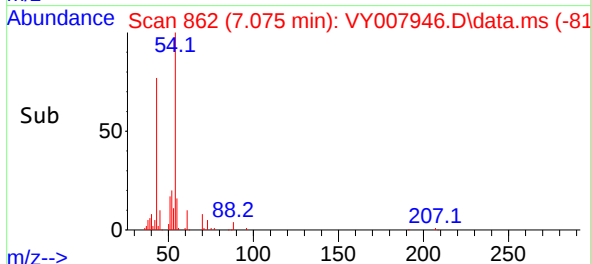
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01



Tgt Ion: 43 Resp: 50844
Ion Ratio Lower Upper
43 100
61 15.2 9.7 14.5
70 11.0 7.1 10.7

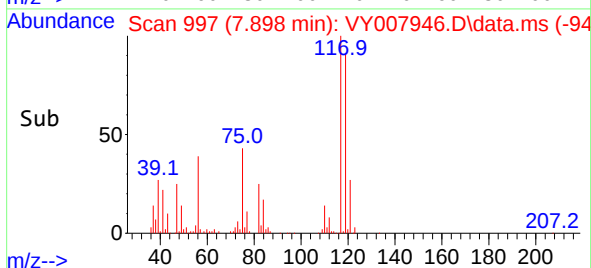
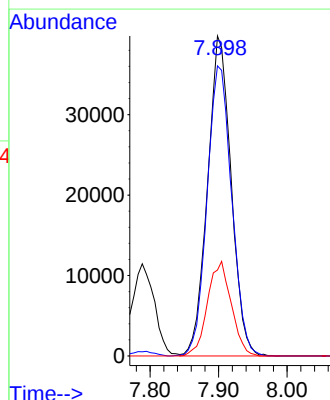
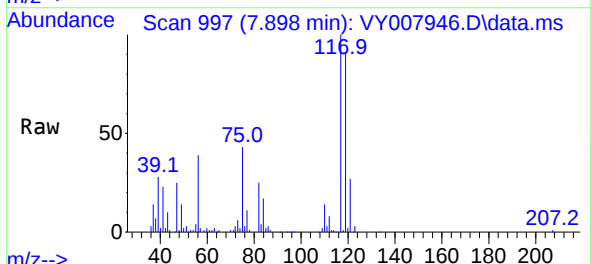
Manual Integrations
APPROVED

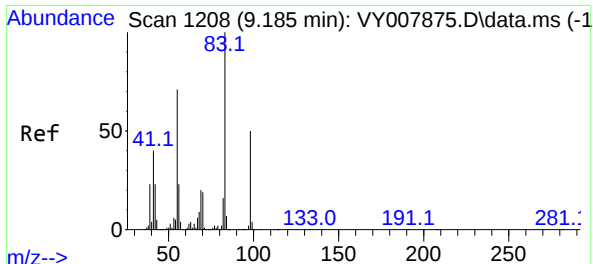
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#38
Carbon Tetrachloride
Concen: 20.152 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Tgt Ion:117 Resp: 95115
Ion Ratio Lower Upper
117 100
119 90.6 77.9 116.9
121 26.9 24.8 37.2





#39

Methylcyclohexane

Concen: 21.517 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007946.D

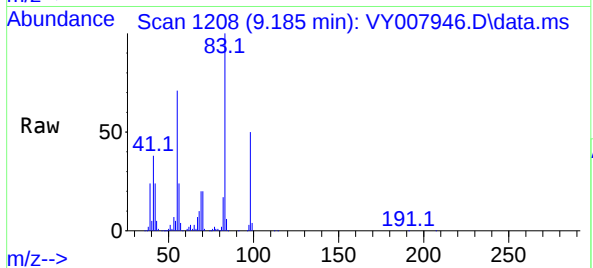
Acq: 21 Mar 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01



Tgt Ion: 83 Resp: 114208

Ion Ratio Lower Upper

83 100

55 71.2 66.5 99.7

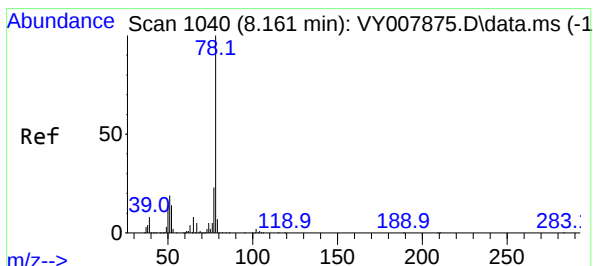
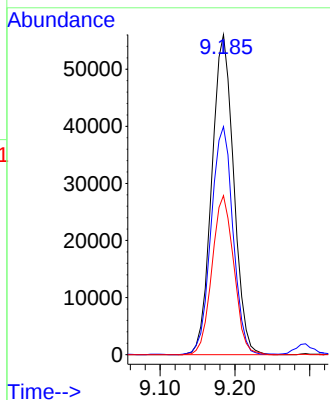
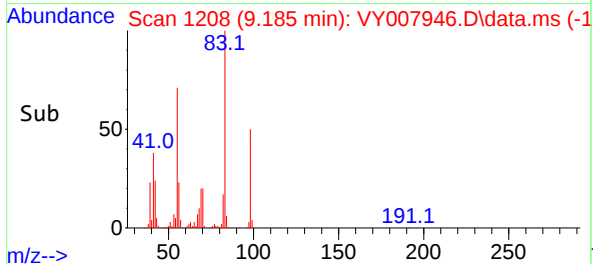
98 49.7 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#40

Benzene

Concen: 20.034 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY007946.D

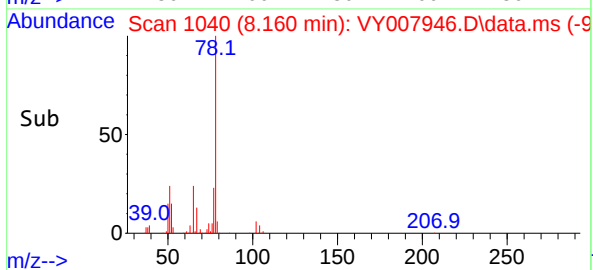
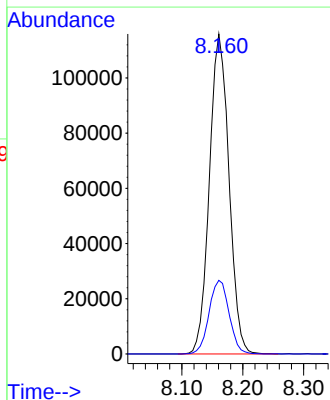
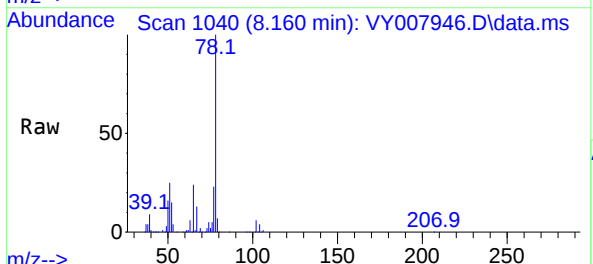
Acq: 21 Mar 2022 11:47

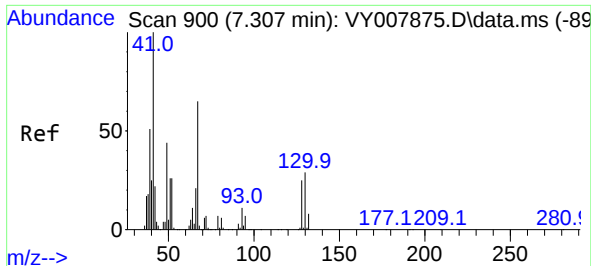
Tgt Ion: 78 Resp: 258588

Ion Ratio Lower Upper

78 100

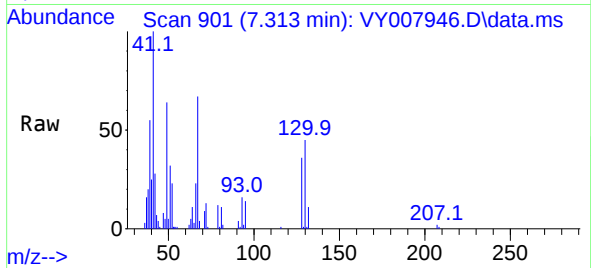
77 23.0 20.4 30.6





#41
Methacrylonitrile
Concen: 15.768 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

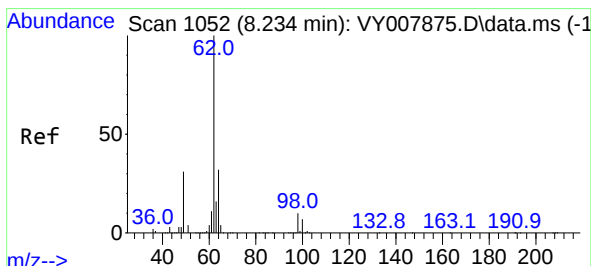
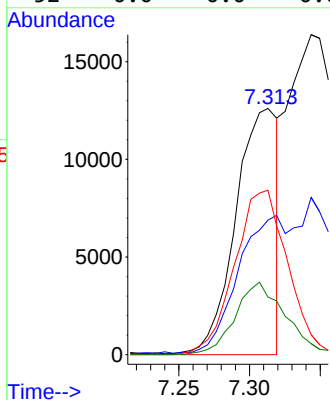
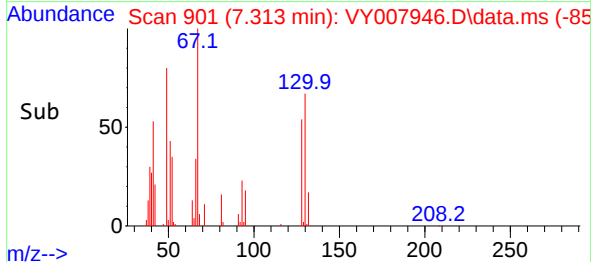
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01



Tgt Ion: 41 Resp: 26208
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

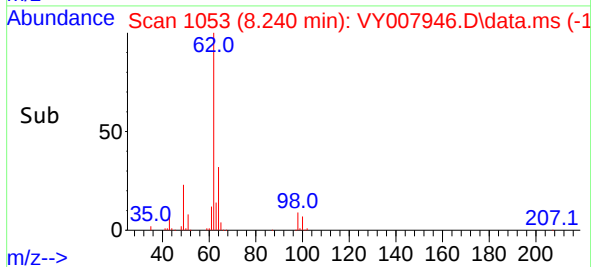
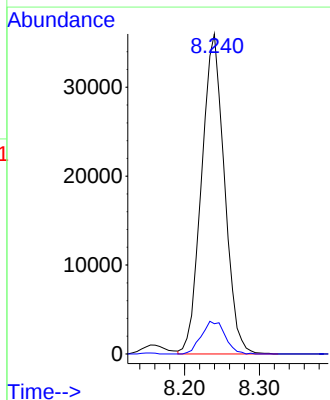
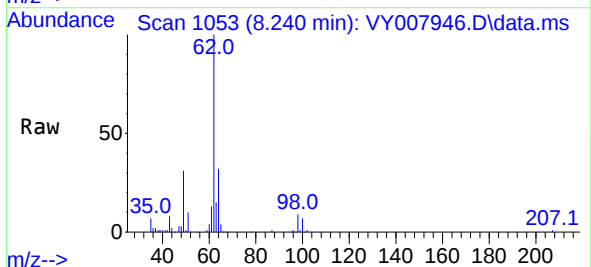
Manual Integrations
APPROVED

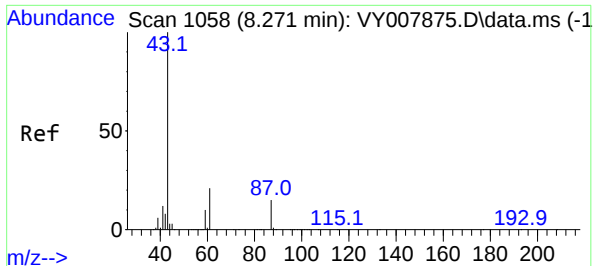
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#42
1,2-Dichloroethane
Concen: 20.469 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Tgt Ion: 62 Resp: 76496
Ion Ratio Lower Upper
62 100
98 10.6 0.0 14.8





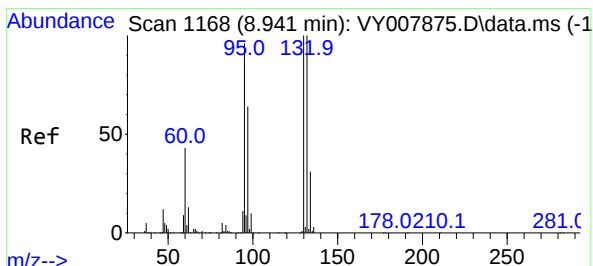
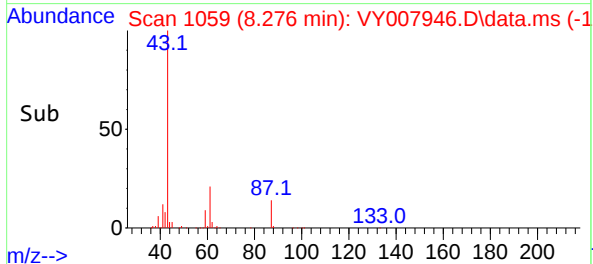
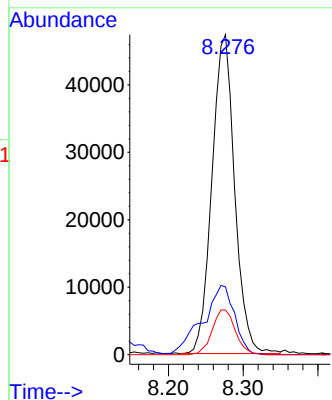
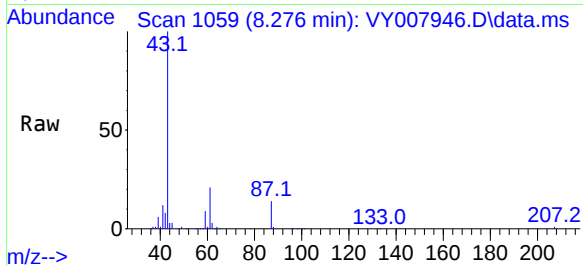
#43
Isopropyl Acetate
Concen: 19.218 ug/l
RT: 8.276 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

Tgt Ion: 43 Resp: 9985
Ion Ratio Lower Upper
43 100
61 30.6 20.2 30.2
87 14.4 8.9 13.3

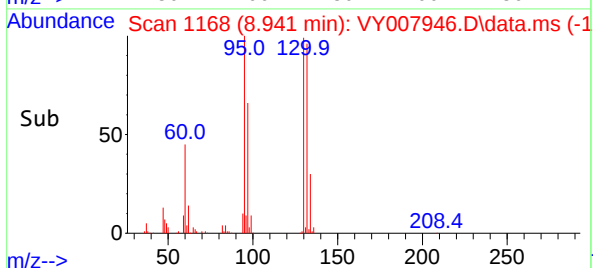
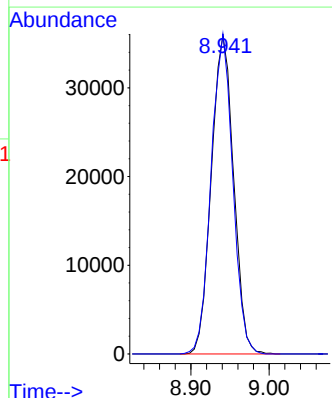
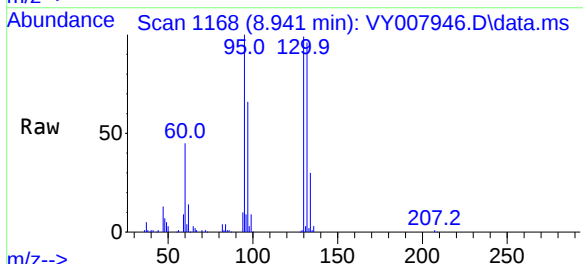
Manual Integrations
APPROVED

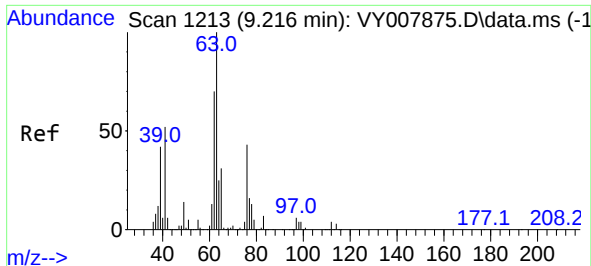
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#44
Trichloroethene
Concen: 19.861 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

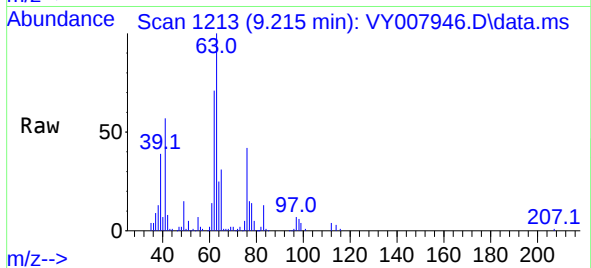
Tgt Ion:130 Resp: 70888
Ion Ratio Lower Upper
130 100
95 100.5 0.0 188.2





#45
1,2-Dichloropropane
Concen: 20.072 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

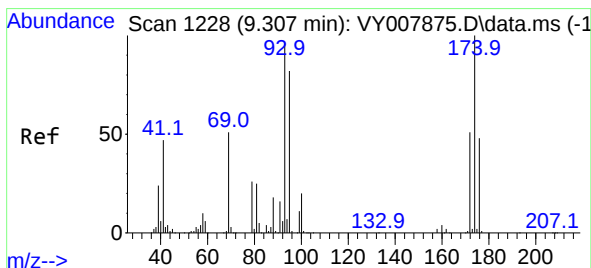
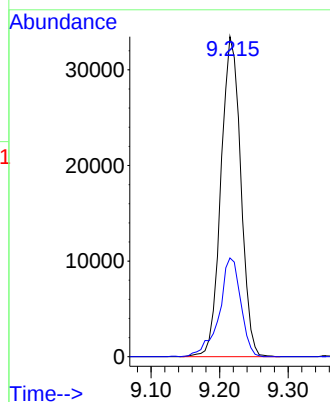
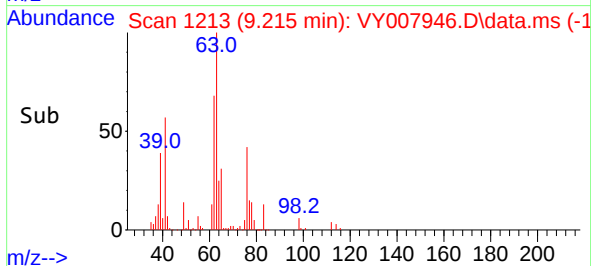
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01



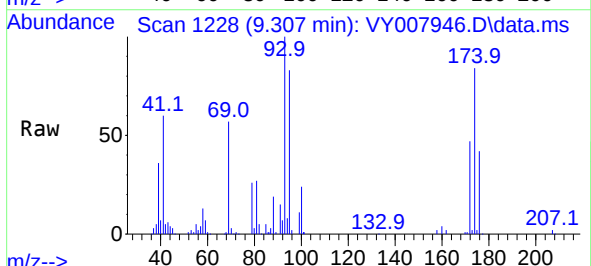
Tgt Ion: 63 Resp: 67080
Ion Ratio Lower Upper
63 100
65 30.9 23.0 34.6

Manual Integrations
APPROVED

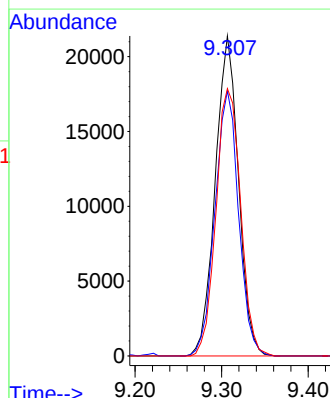
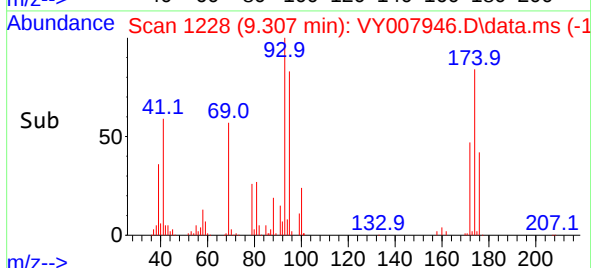
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

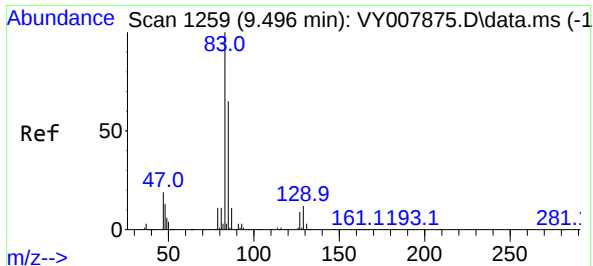


#46
Dibromomethane
Concen: 20.336 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



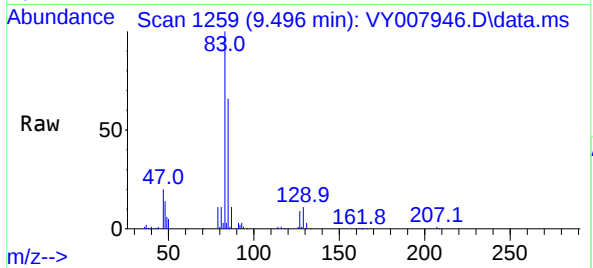
Tgt Ion: 93 Resp: 39760
Ion Ratio Lower Upper
93 100
95 84.6 64.3 96.5
174 88.6 83.4 125.0





#47
Bromodichloromethane
Concen: 19.863 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

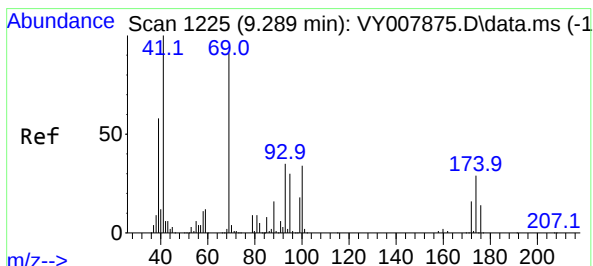
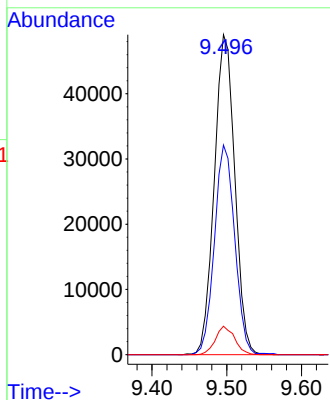
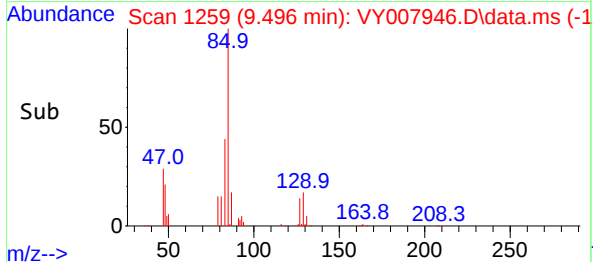
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01



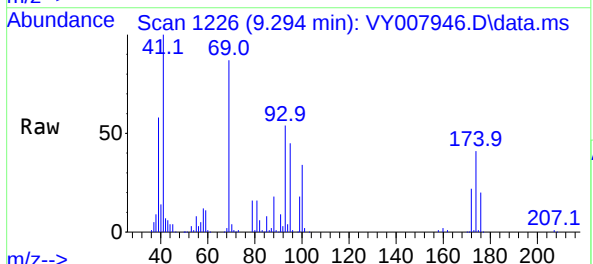
Tgt Ion: 83 Resp: 9382
Ion Ratio Lower Upper
83 100
85 65.5 51.9 77.9
127 8.9 6.6 10.0

Manual Integrations
APPROVED

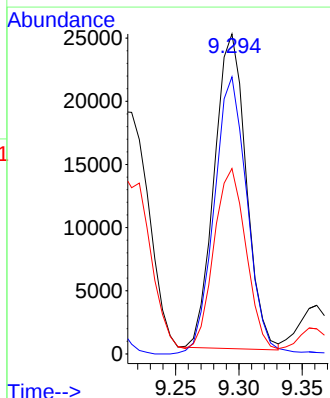
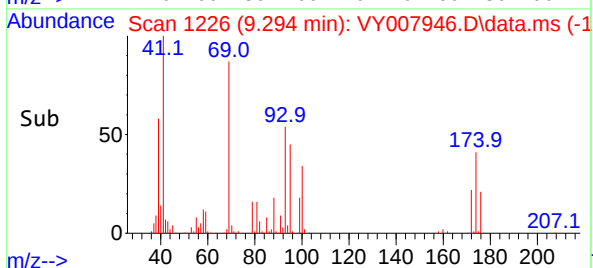
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

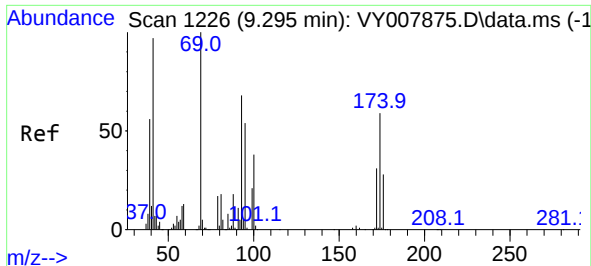


#48
Methyl methacrylate
Concen: 18.865 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



Tgt Ion: 41 Resp: 43603
Ion Ratio Lower Upper
41 100
69 91.3 58.2 87.2#
39 58.0 47.4 71.0





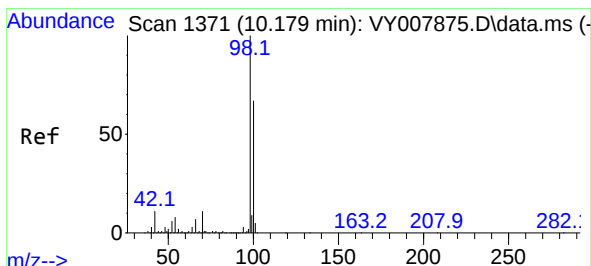
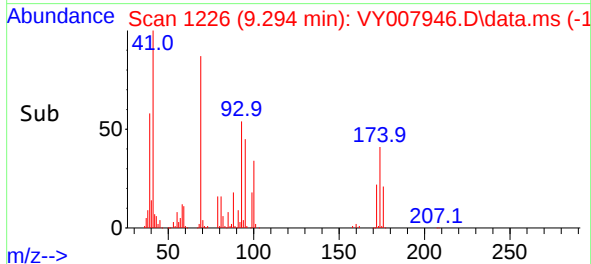
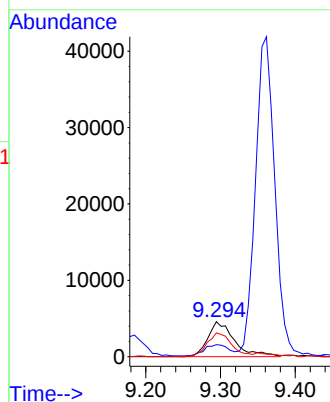
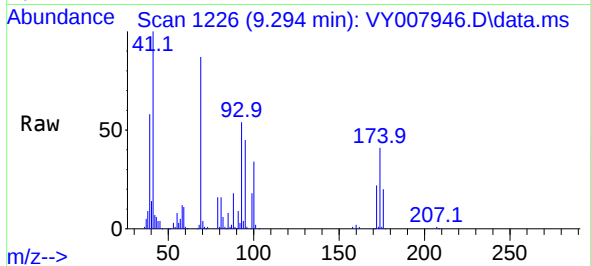
#49
1,4-Dioxane
Concen: 410.404 ug/l
RT: 9.294 min Scan# 1136
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

Tgt Ion: 88 Resp: 1136
Ion Ratio Lower Upper
88 100
43 29.0 32.8 49.2
58 62.5 59.8 89.6

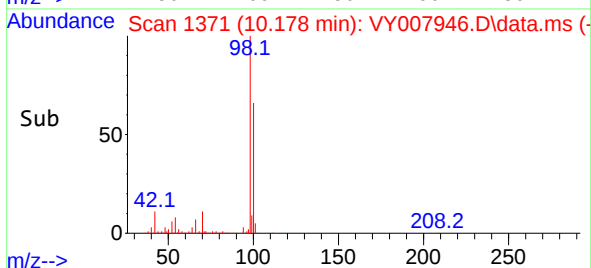
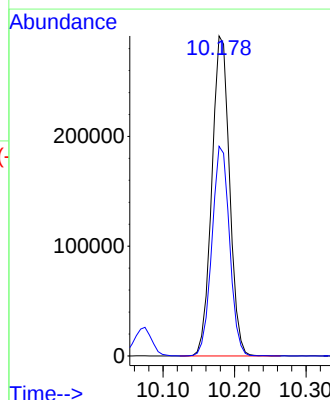
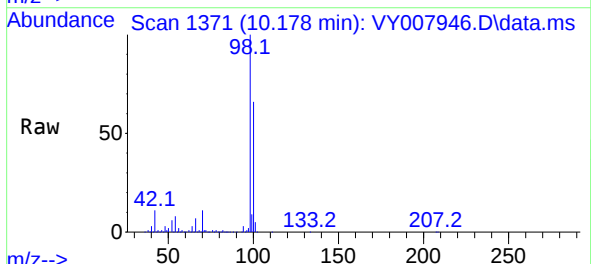
Manual Integrations
APPROVED

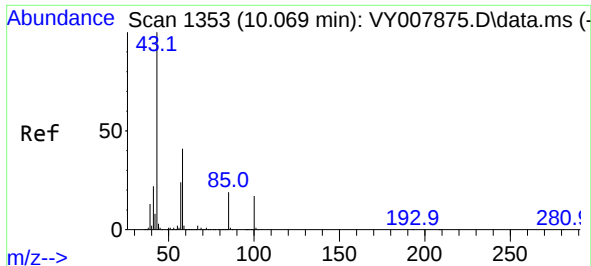
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#50
Toluene-d8
Concen: 56.484 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

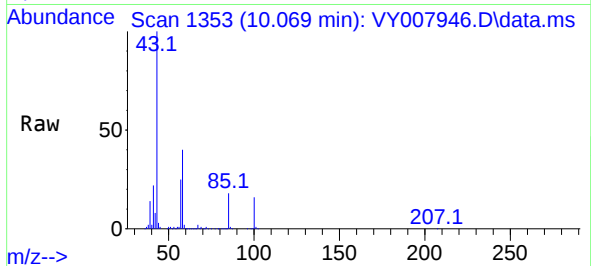
Tgt Ion: 98 Resp: 501013
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 95.355 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

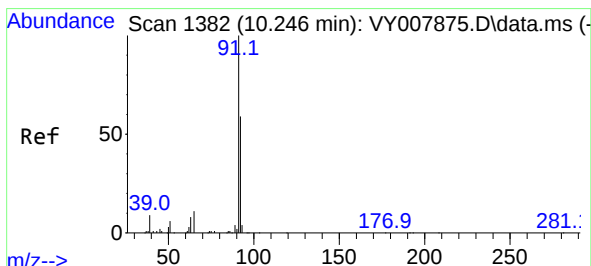
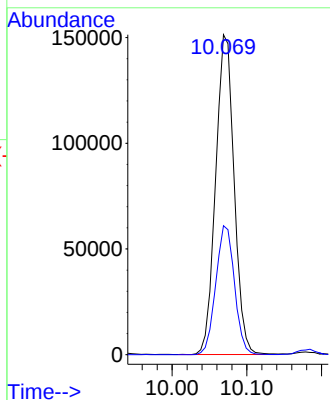
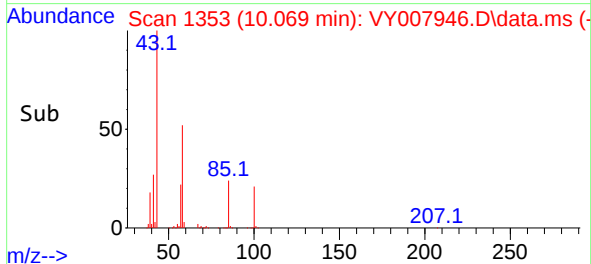
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01



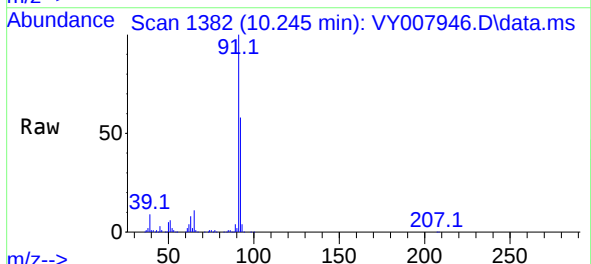
Tgt Ion: 43 Resp: 261038
Ion Ratio Lower Upper
43 100
58 40.7 28.1 42.1

Manual Integrations
APPROVED

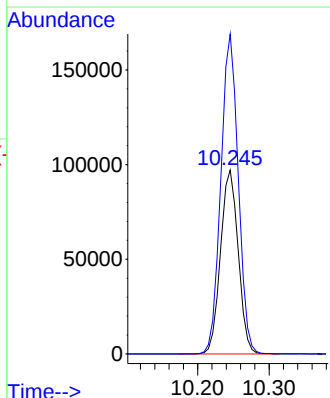
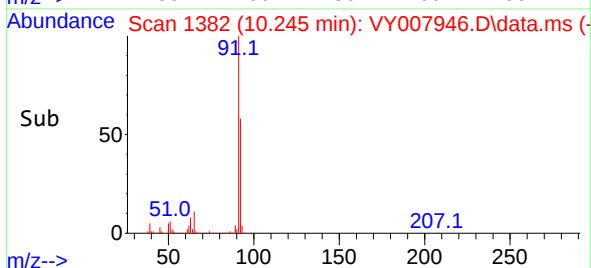
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

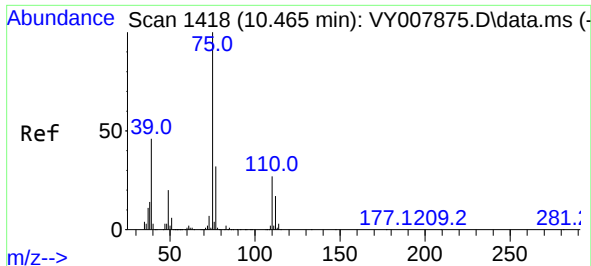


#52
Toluene
Concen: 20.085 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



Tgt Ion: 92 Resp: 166490
Ion Ratio Lower Upper
92 100
91 171.6 142.6 213.8





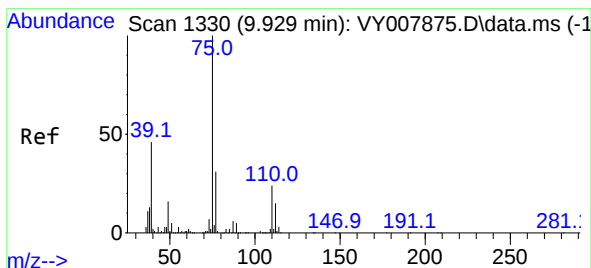
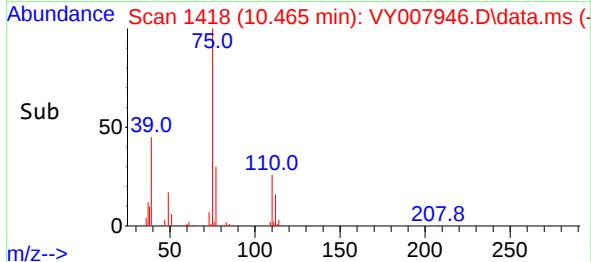
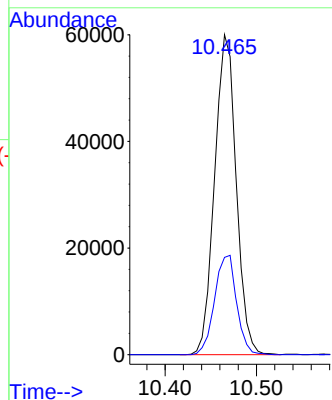
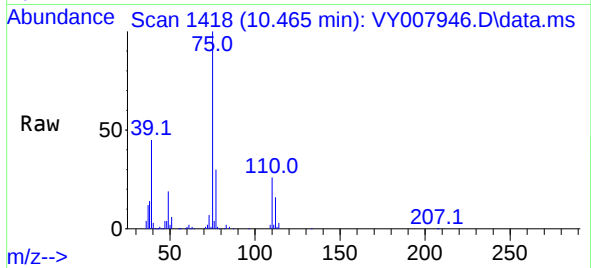
#53
t-1,3-Dichloropropene
Concen: 19.549 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

Tgt Ion: 75 Resp: 9850
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.2

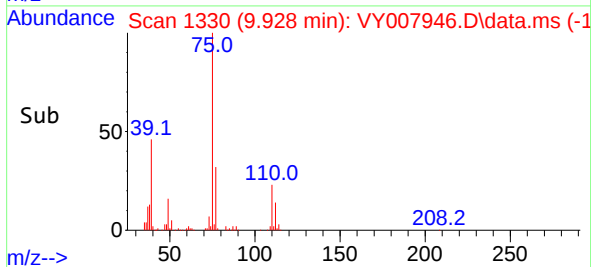
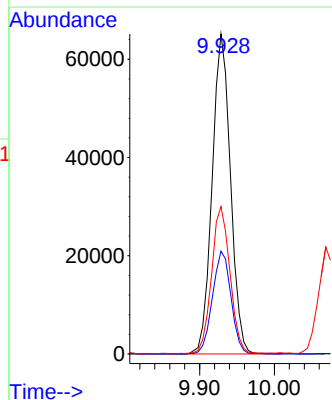
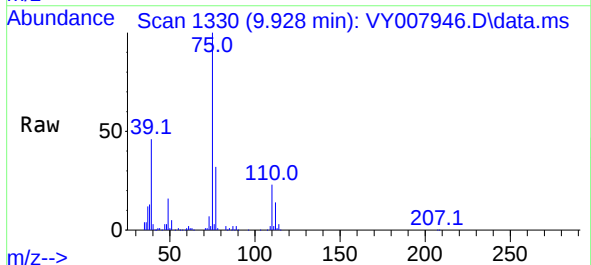
Manual Integrations
APPROVED

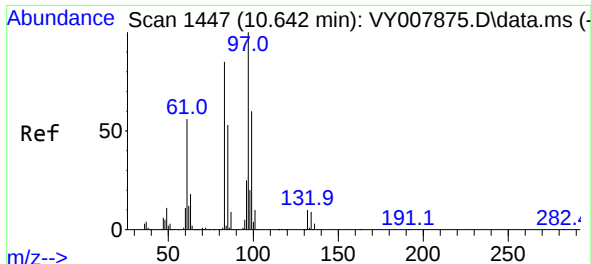
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#54
cis-1,3-Dichloropropene
Concen: 19.745 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

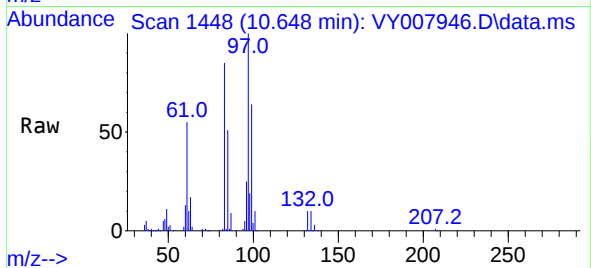
Tgt Ion: 75 Resp: 110945
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
39 45.8 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 20.032 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

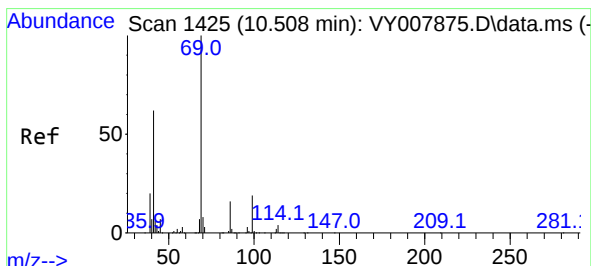
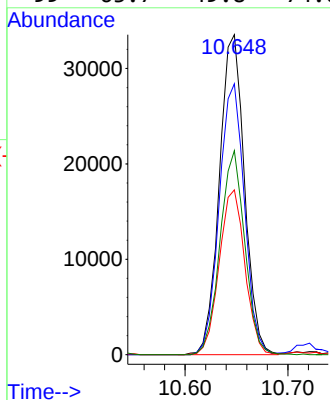
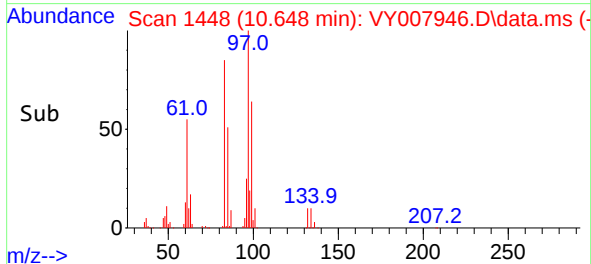
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01



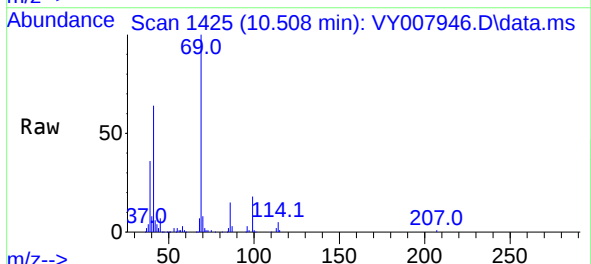
Tgt Ion: 97 Resp: 5690
Ion Ratio Lower Upper
97 100
83 84.7 69.8 104.8
85 51.5 44.3 66.5
99 63.7 49.8 74.6

Manual Integrations
APPROVED

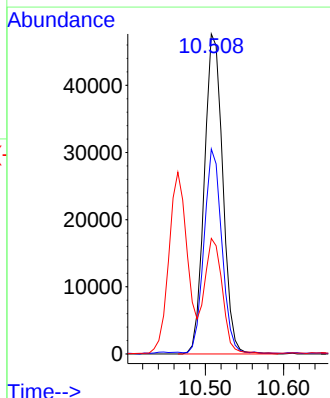
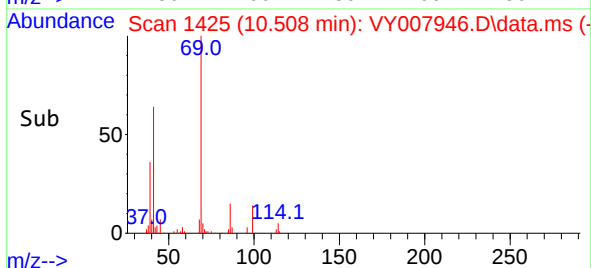
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

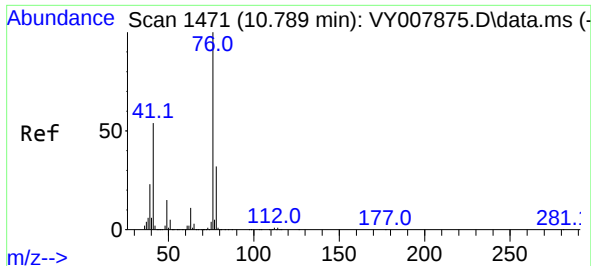


#56
Ethyl methacrylate
Concen: 19.063 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



Tgt Ion: 69 Resp: 77736
Ion Ratio Lower Upper
69 100
41 61.7 63.4 95.0#
39 34.4 35.8 53.8#





#57

1,3-Dichloropropane

Concen: 19.948 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY007946.D

Acq: 21 Mar 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

Tgt Ion: 76 Resp: 94490

Ion Ratio Lower Upper

76 100

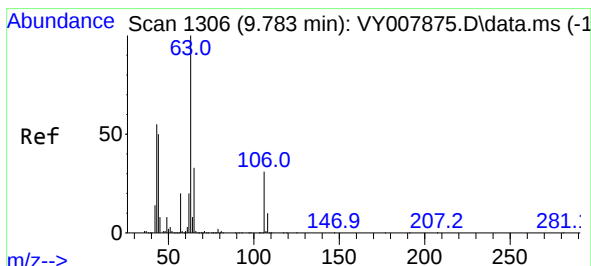
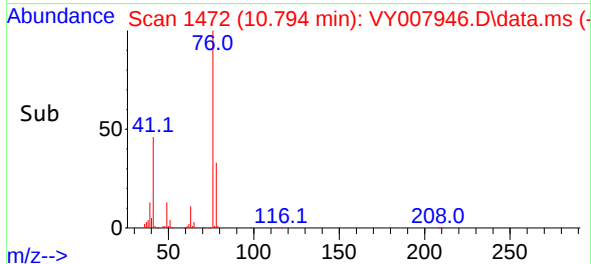
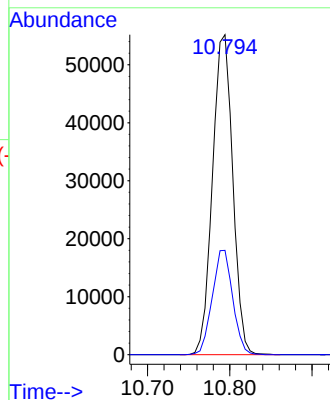
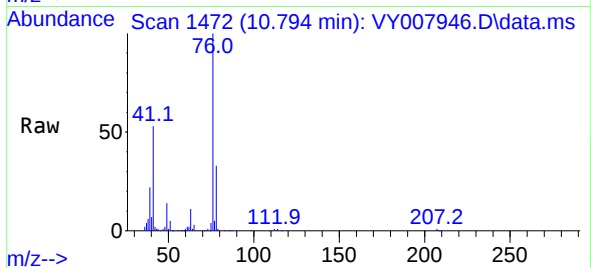
78 32.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 94.754 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY007946.D

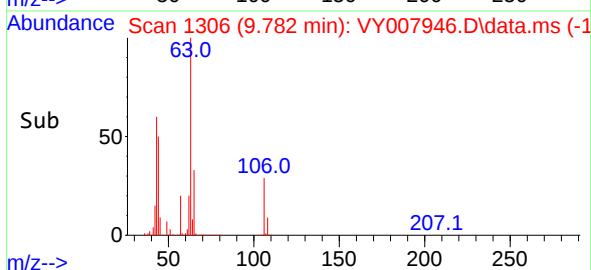
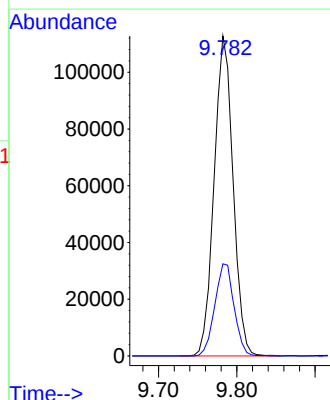
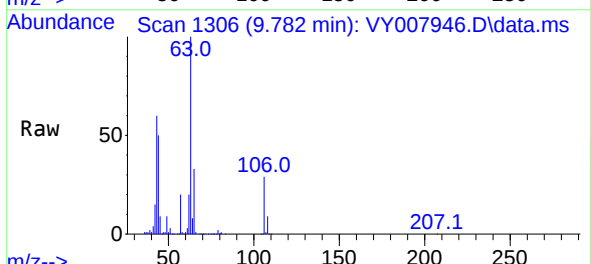
Acq: 21 Mar 2022 11:47

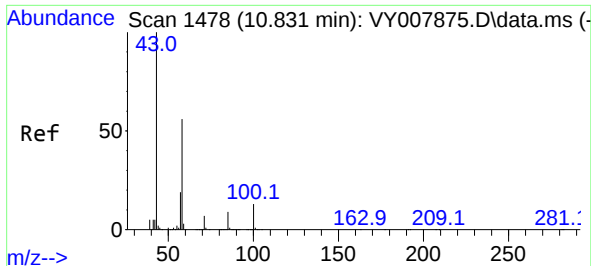
Tgt Ion: 63 Resp: 189553

Ion Ratio Lower Upper

63 100

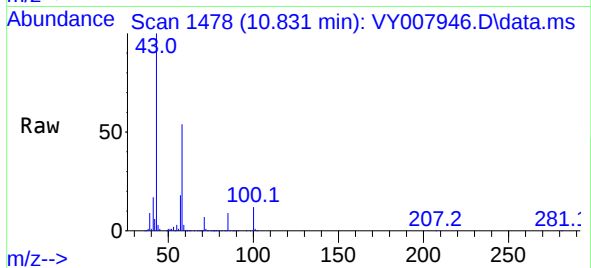
106 29.2 21.5 32.3





#59
2-Hexanone
Concen: 92.683 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

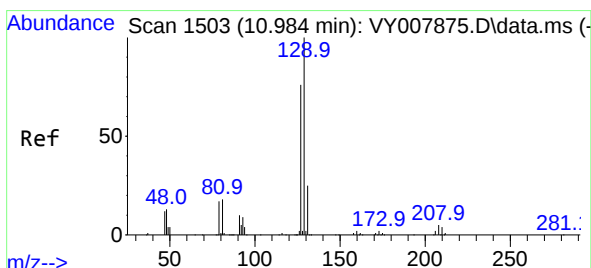
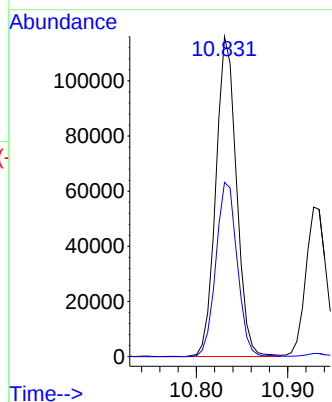
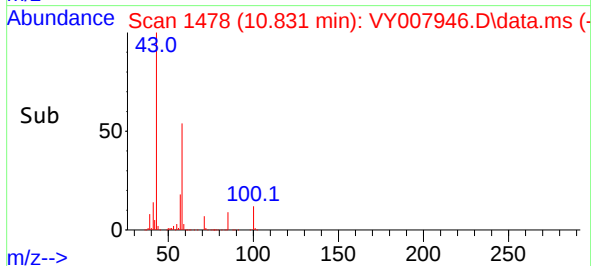
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01



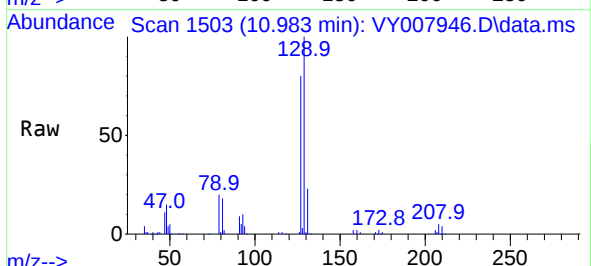
Tgt Ion: 43 Resp: 181440
Ion Ratio Lower Upper
43 100
58 56.6 24.4 73.4

Manual Integrations
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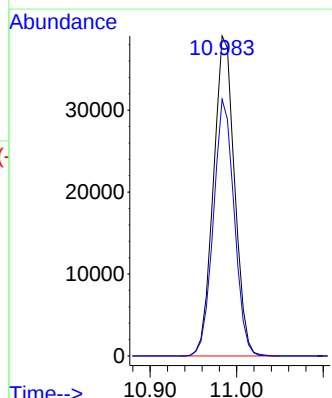
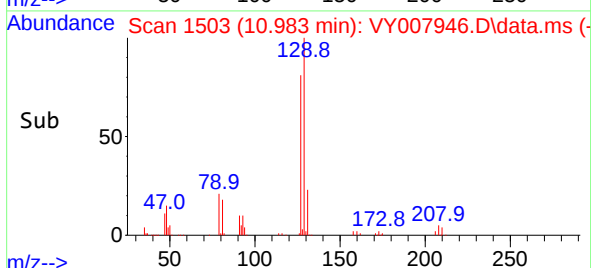
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

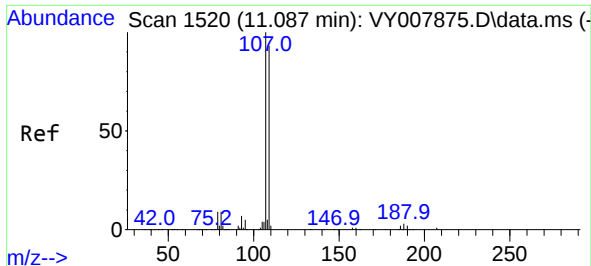


#60
Dibromochloromethane
Concen: 19.430 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



Tgt Ion:129 Resp: 66103
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1





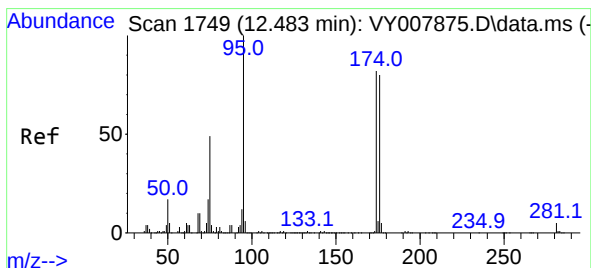
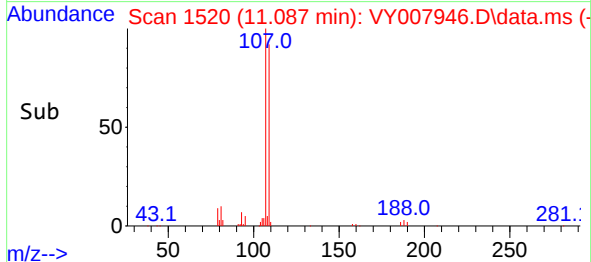
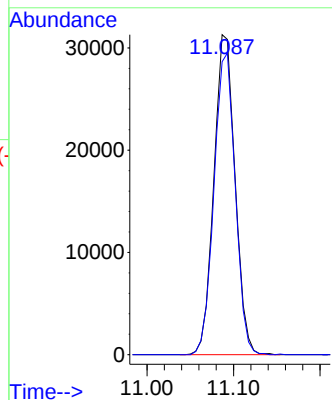
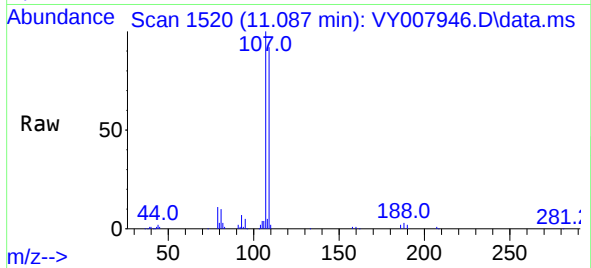
#61
1,2-Dibromoethane
Concen: 19.369 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

Tgt Ion:107 Resp: 53220
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2

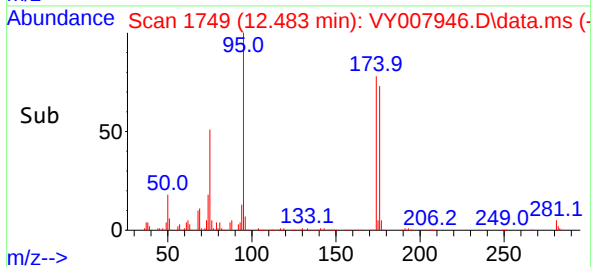
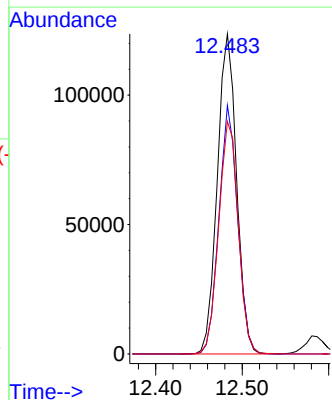
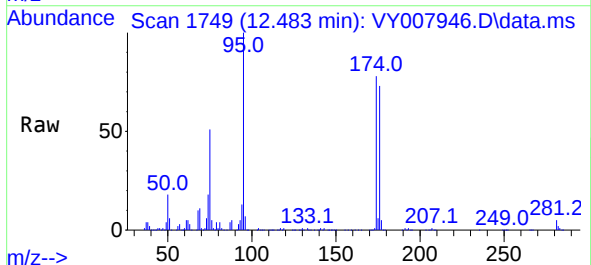
Manual Integrations
APPROVED

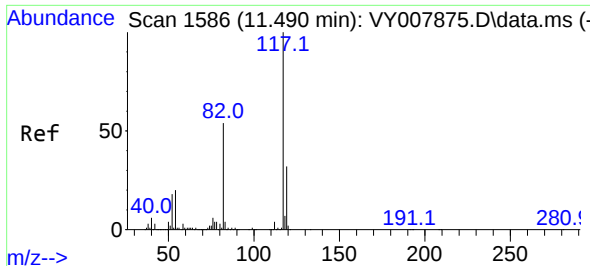
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#62
4-Bromofluorobenzene
Concen: 44.752 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

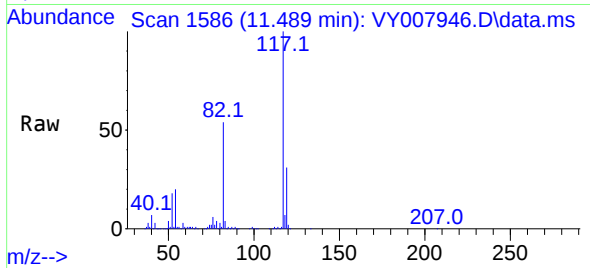
Tgt Ion: 95 Resp: 191271
Ion Ratio Lower Upper
95 100
174 75.4 0.0 177.0
176 73.6 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

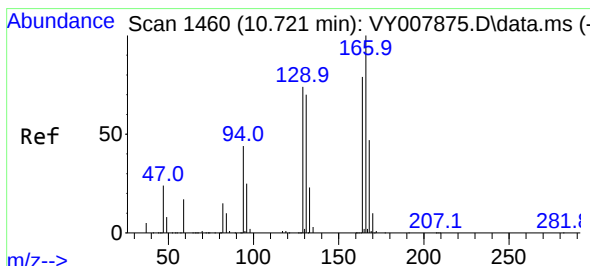
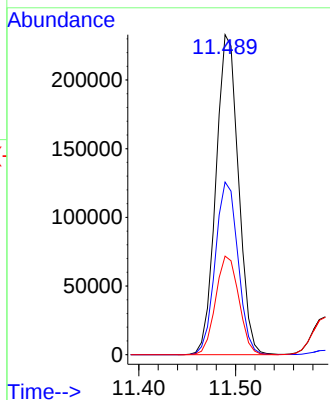
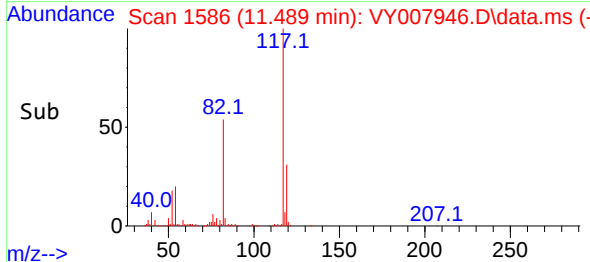
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01



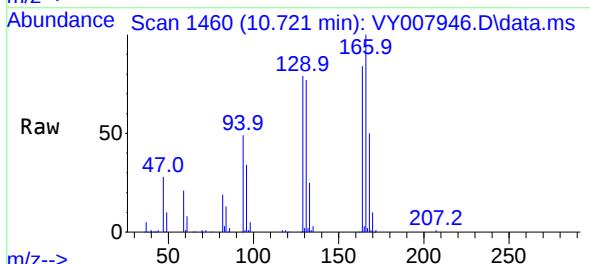
Tgt Ion:117 Resp: 37686
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 30.8 25.4 38.0

Manual Integrations
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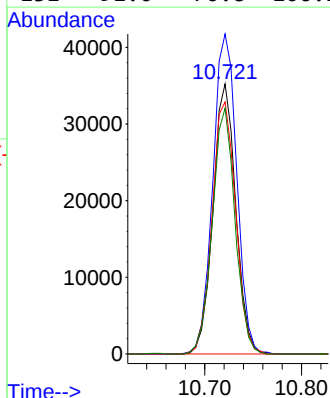
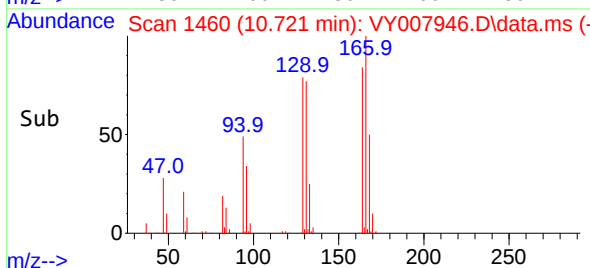
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

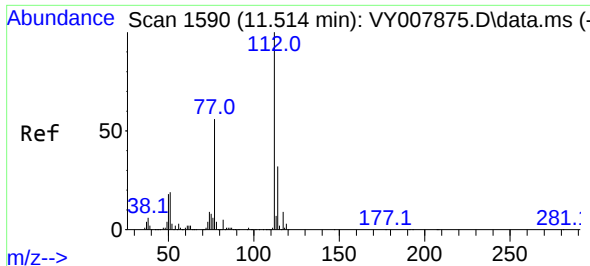


#64
Tetrachloroethene
Concen: 19.603 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



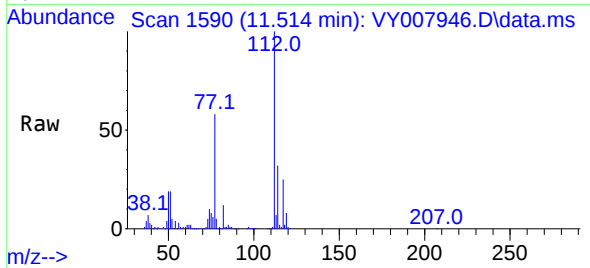
Tgt Ion:164 Resp: 57488
Ion Ratio Lower Upper
164 100
166 118.4 100.4 150.6
129 93.3 71.4 107.0
131 91.0 70.8 106.2





#65
Chlorobenzene
Concen: 19.945 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

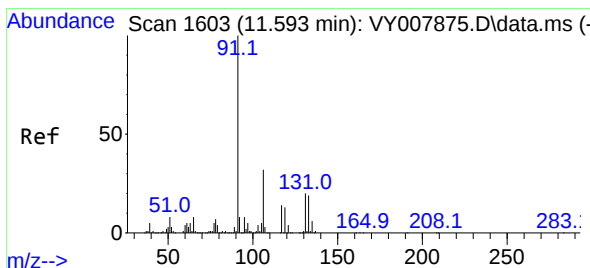
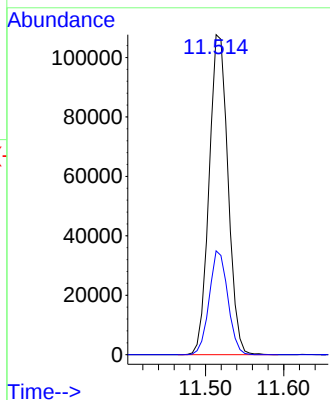
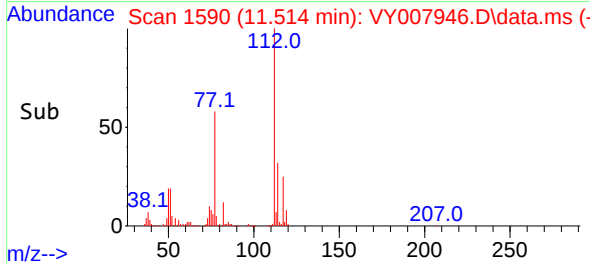
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01



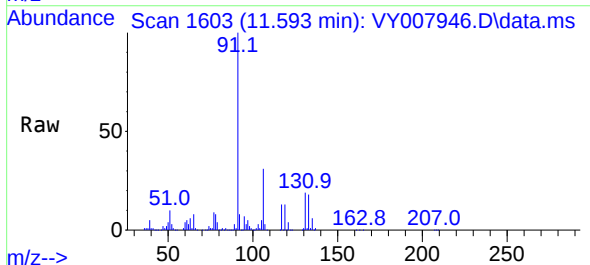
Tgt Ion:112 Resp: 180060
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

Manual Integrations
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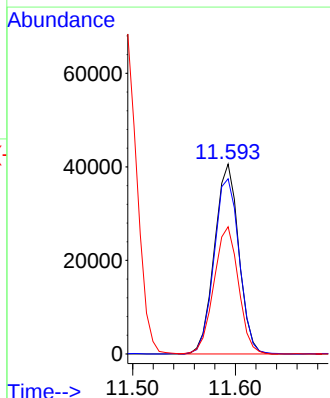
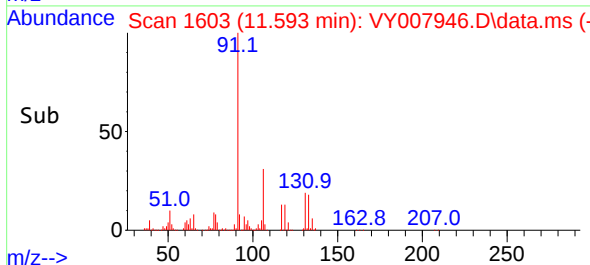
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

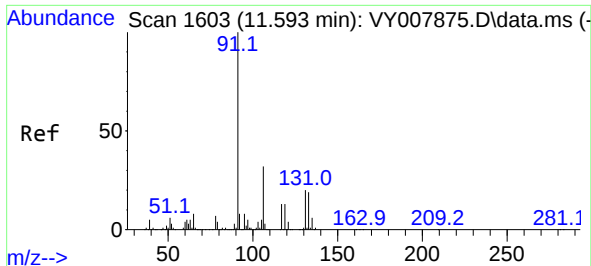


#66
1,1,1,2-Tetrachloroethane
Concen: 19.595 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



Tgt Ion:131 Resp: 66605
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 67.9 30.8 92.3





#67

Ethyl Benzene

Concen: 20.423 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY007946.D

Acq: 21 Mar 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

Tgt Ion: 91 Resp: 328434

Ion Ratio Lower Upper

91 100

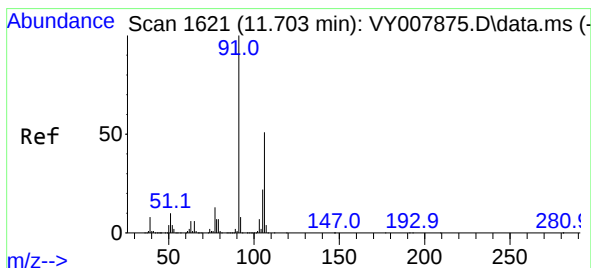
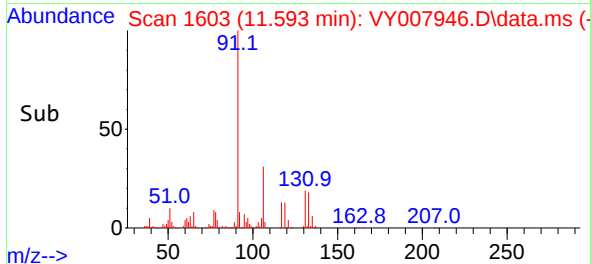
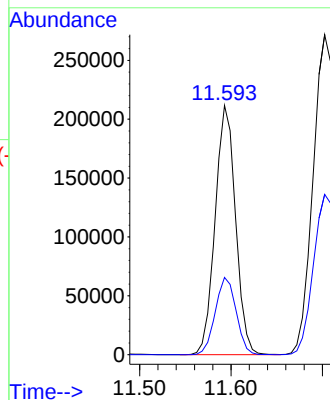
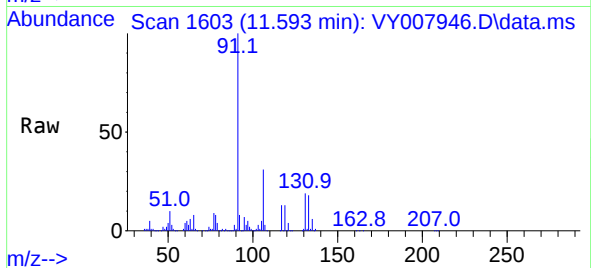
106 31.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#68

m/p-Xylenes

Concen: 39.933 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY007946.D

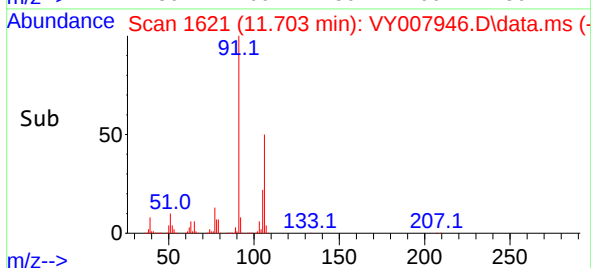
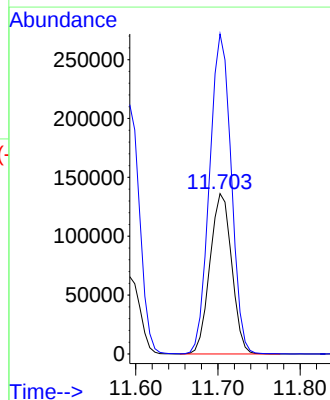
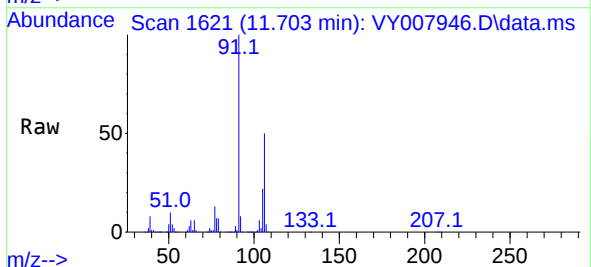
Acq: 21 Mar 2022 11:47

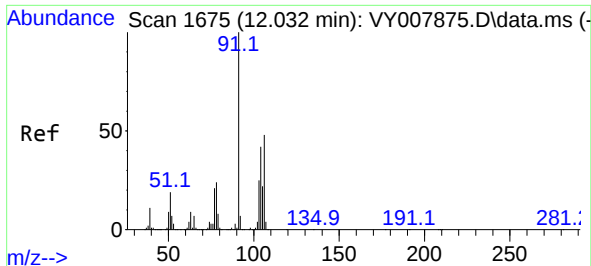
Tgt Ion:106 Resp: 250505

Ion Ratio Lower Upper

106 100

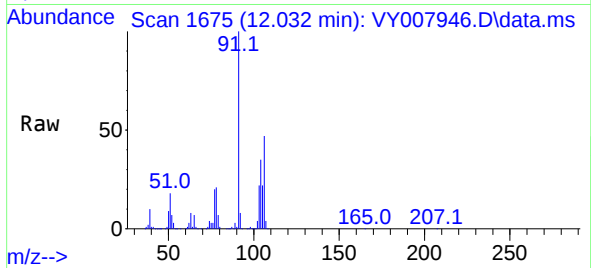
91 198.7 166.6 249.8





#69
o-Xylene
Concen: 20.092 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

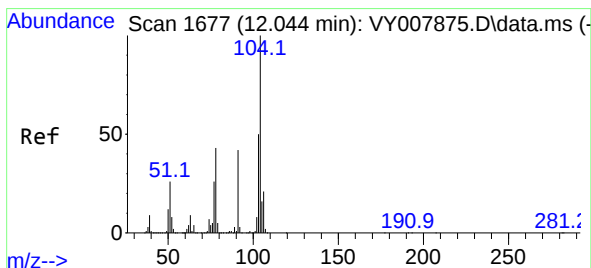
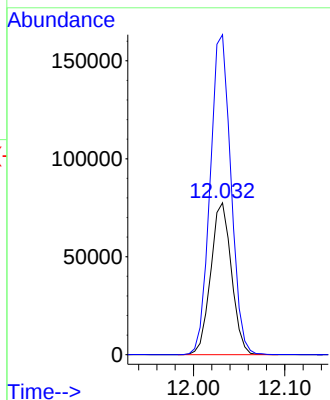
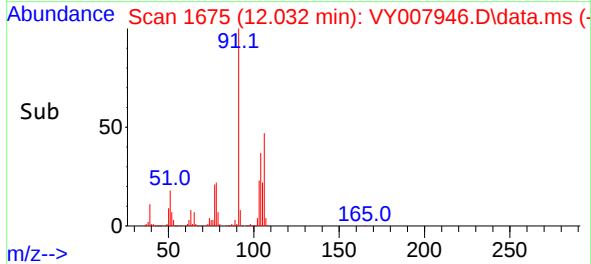
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01



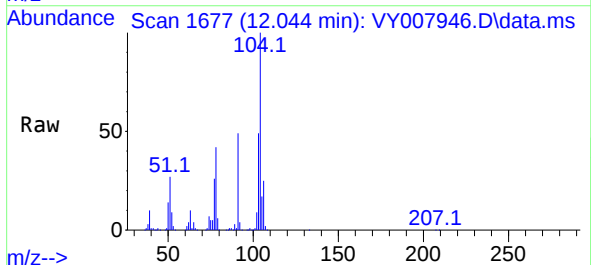
Tgt Ion:106 Resp: 121914
Ion Ratio Lower Upper
106 100
91 211.5 110.3 331.0

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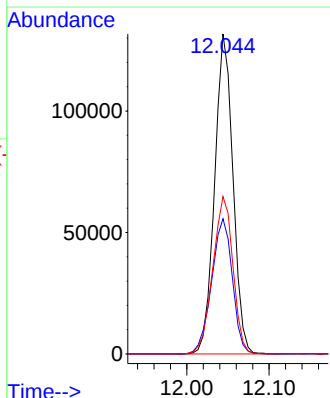
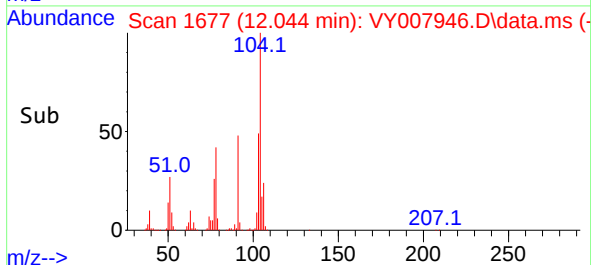
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

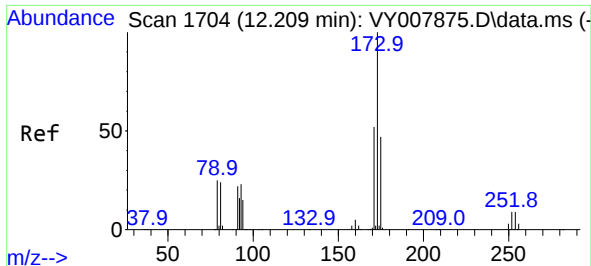


#70
Styrene
Concen: 19.997 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



Tgt Ion:104 Resp: 203999
Ion Ratio Lower Upper
104 100
78 47.8 42.4 63.6
103 54.2 44.4 66.6





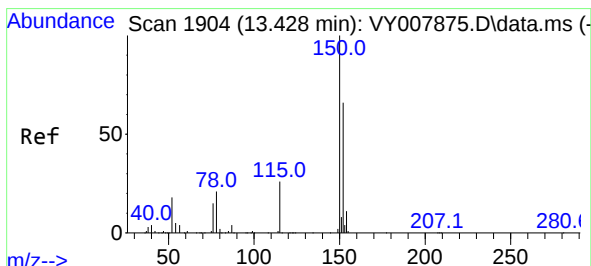
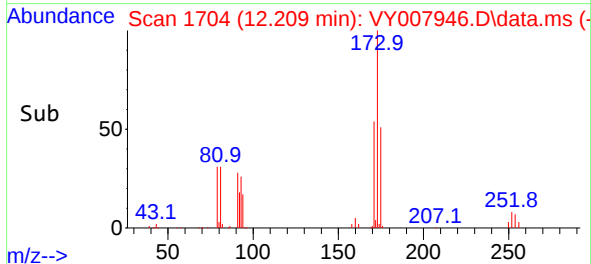
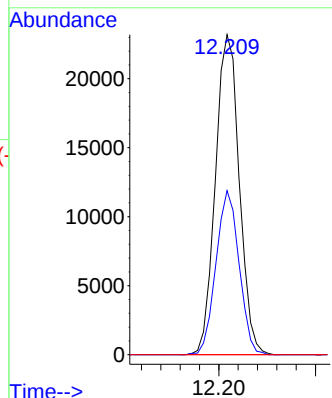
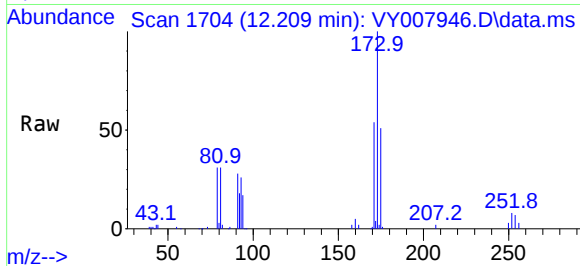
#71
Bromoform
Concen: 18.234 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

Tgt Ion:173 Resp: 3969
Ion Ratio Lower Upper
173 100
175 49.5 24.6 74.0
254 0.0 0.0 0.0

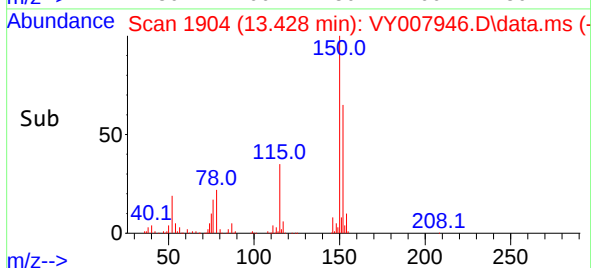
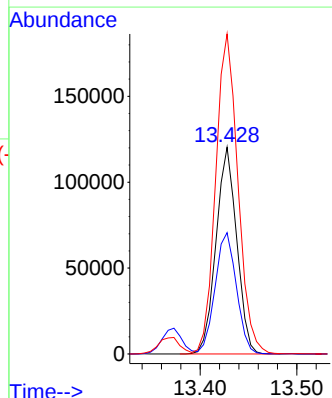
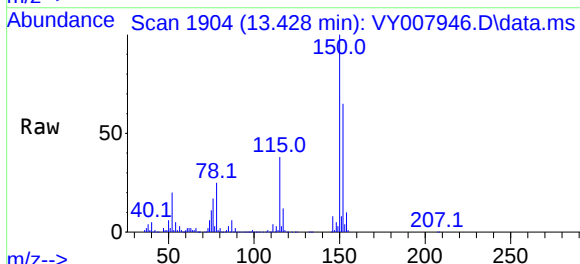
Manual Integrations
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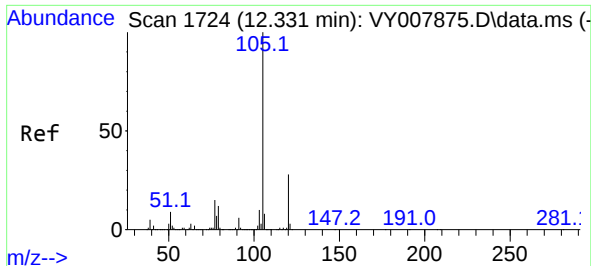
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

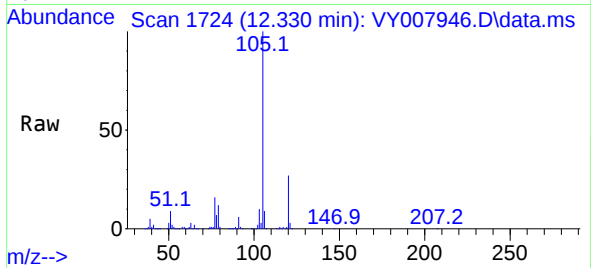
Tgt Ion:152 Resp: 178632
Ion Ratio Lower Upper
152 100
115 60.5 28.2 84.7
150 166.2 0.0 347.6





#73
Isopropylbenzene
Concen: 20.502 ug/l
RT: 12.330 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

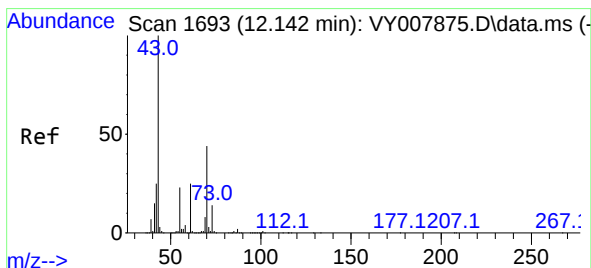
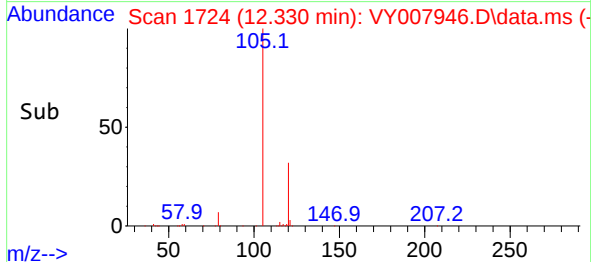
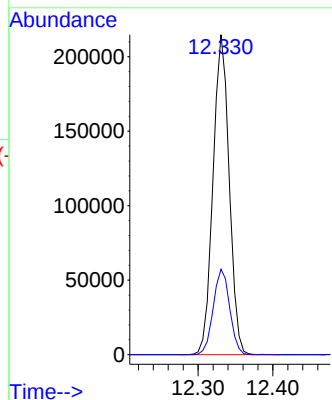
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01



Tgt Ion: 105 Resp: 322369
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

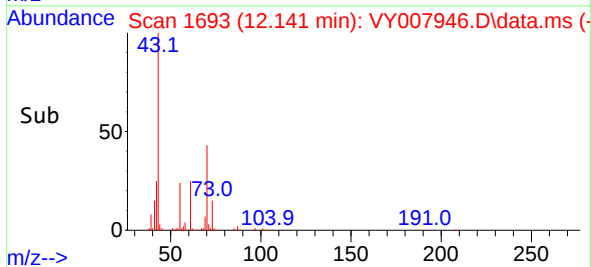
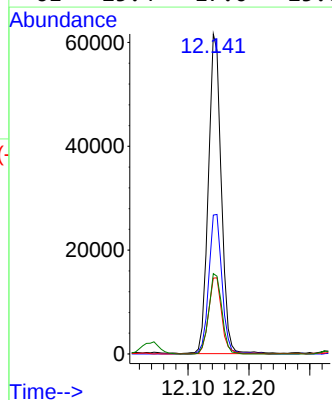
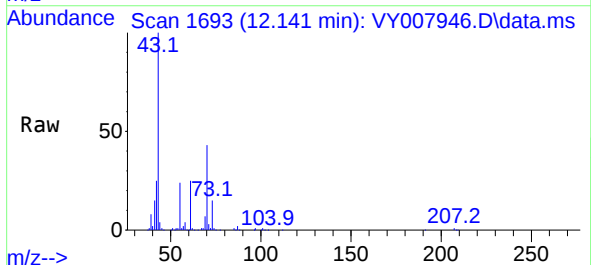
Manual Integrations
APPROVED

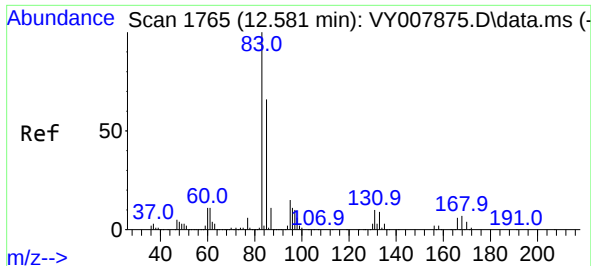
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#74
N-ethyl acetate
Concen: 19.528 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Tgt Ion: 43 Resp: 90588
Ion Ratio Lower Upper
43 100
70 44.4 28.7 43.1#
55 24.4 17.3 25.9
61 25.4 17.0 25.6





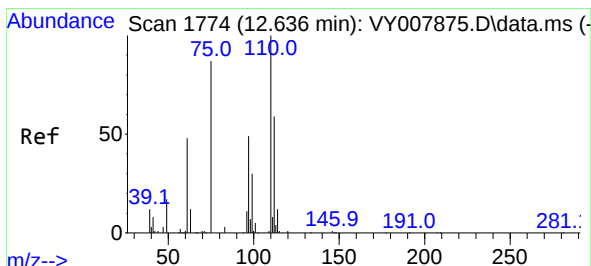
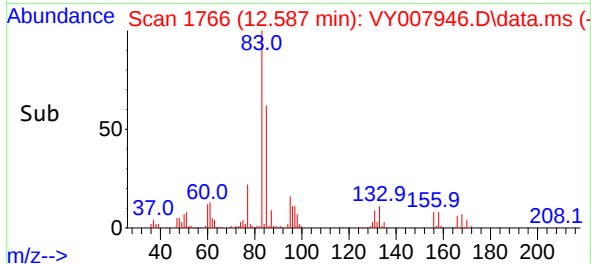
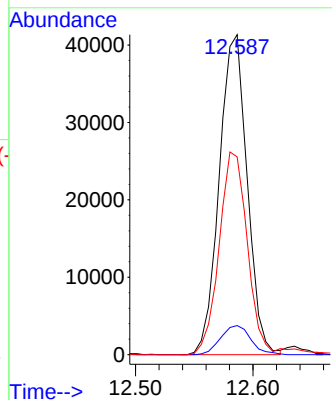
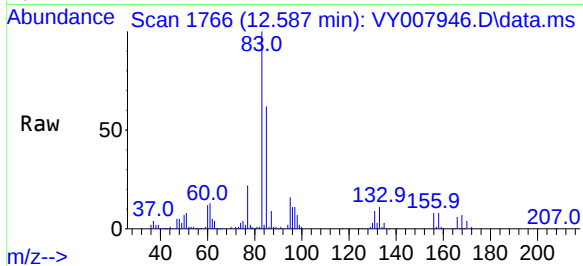
#75
1,1,2,2-Tetrachloroethane
Concen: 20.181 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

Tgt Ion: 83 Resp: 68304
Ion Ratio Lower Upper
83 100
131 9.8 5.6 16.8
85 64.3 32.3 96.8

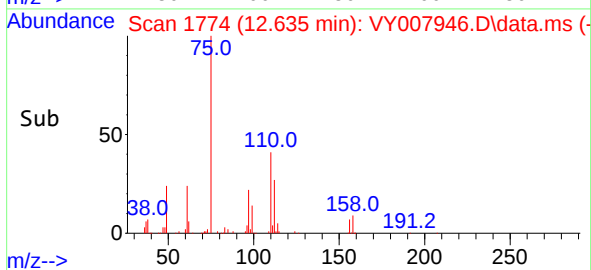
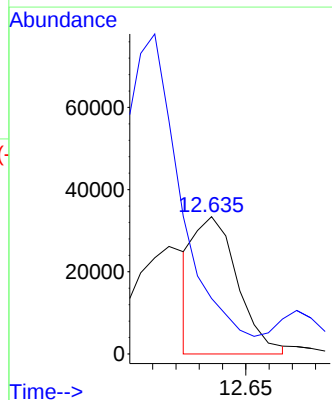
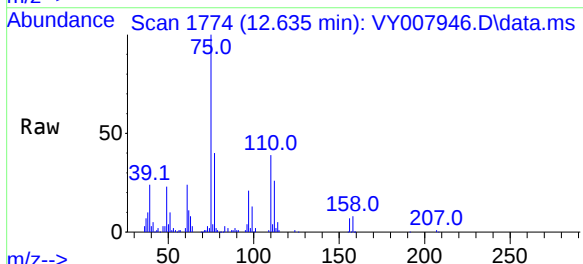
Manual Integrations
APPROVED

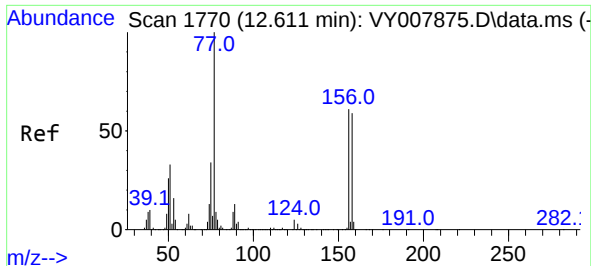
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#76
1,2,3-Trichloropropane
Concen: 17.119 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

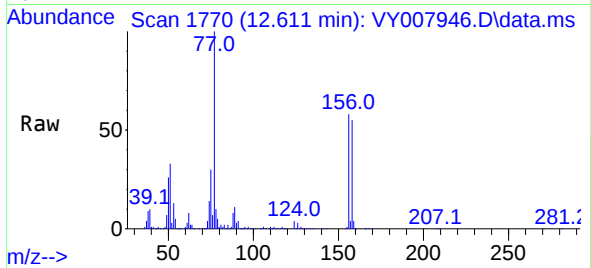
Tgt Ion: 75 Resp: 43587
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.440 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

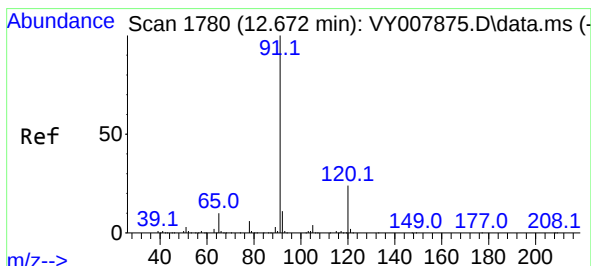
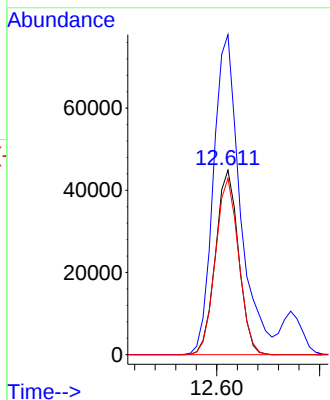
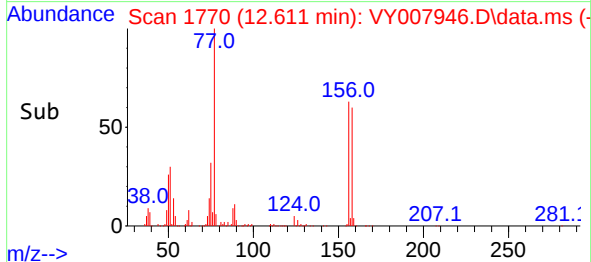
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01



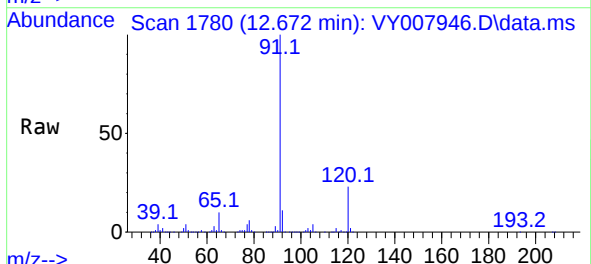
Tgt Ion:156 Resp: 69850
Ion Ratio Lower Upper
156 100
77 201.1 95.5 286.4
158 96.8 48.0 144.0

Manual Integrations
APPROVED

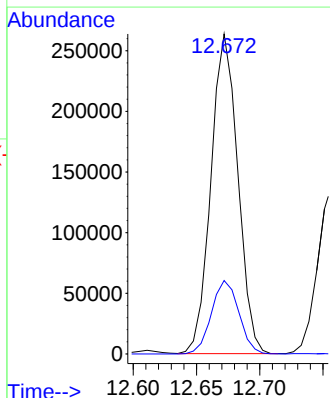
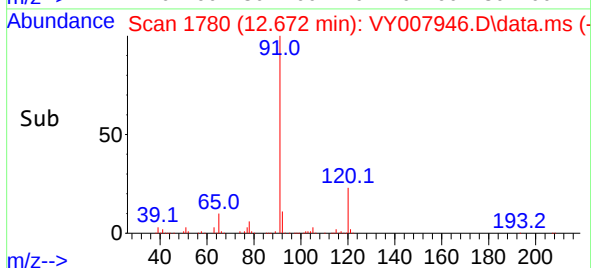
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

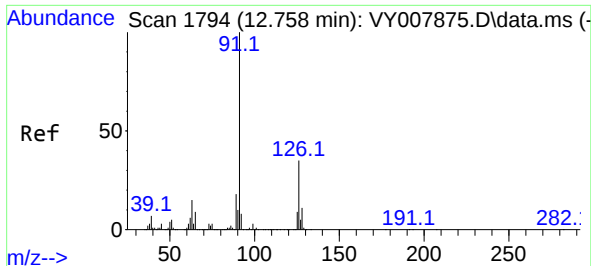


#78
n-propylbenzene
Concen: 20.533 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



Tgt Ion: 91 Resp: 389860
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.9





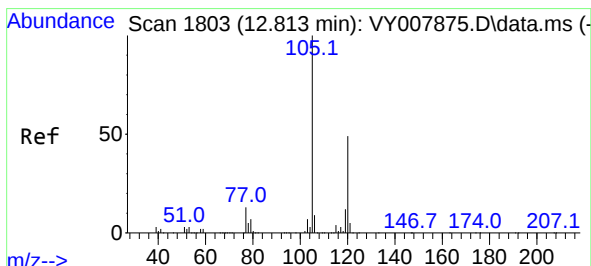
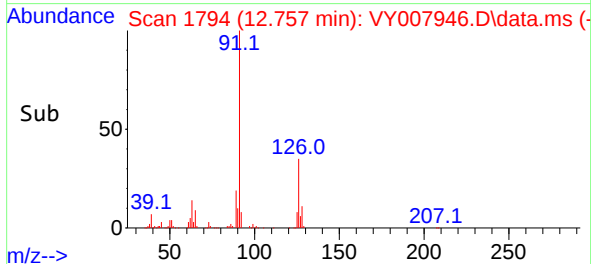
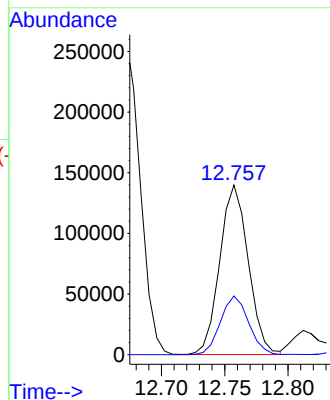
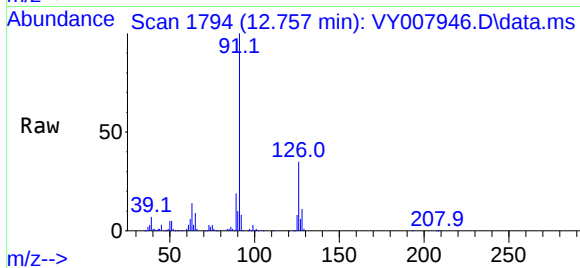
#79
2-Chlorotoluene
Concen: 20.478 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

Tgt Ion: 91 Resp: 21875
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6

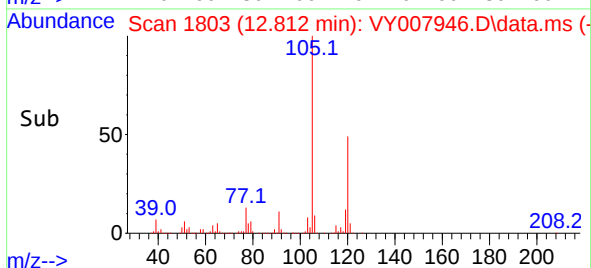
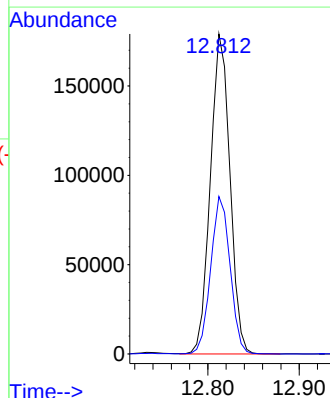
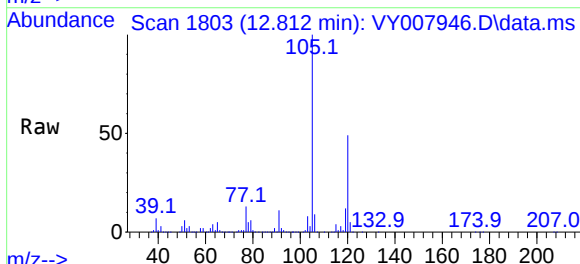
Manual Integrations
APPROVED

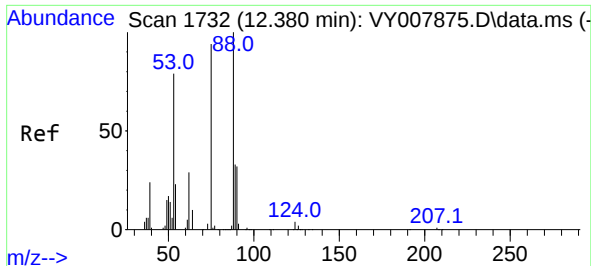
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.535 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

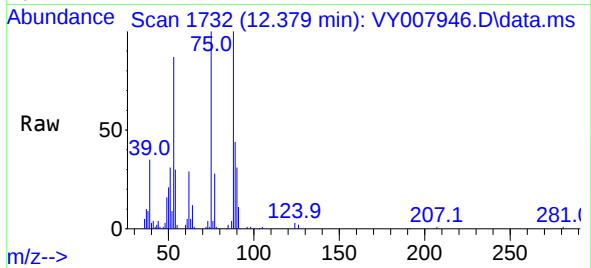
Tgt Ion:105 Resp: 265527
Ion Ratio Lower Upper
105 100
120 48.8 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.369 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

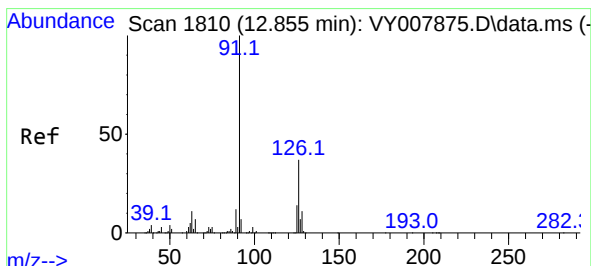
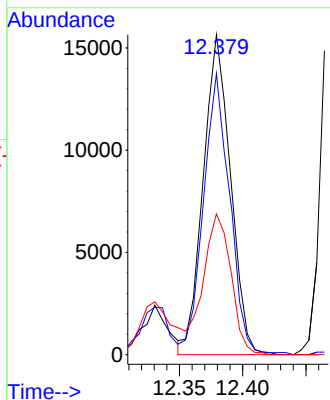
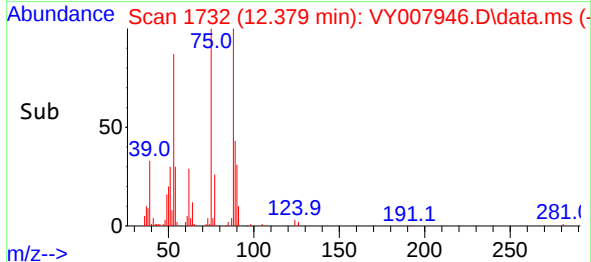
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01



Tgt Ion: 75 Resp: 23479
Ion Ratio Lower Upper
75 100
53 84.9 85.3 127.9
89 44.5 37.0 55.4

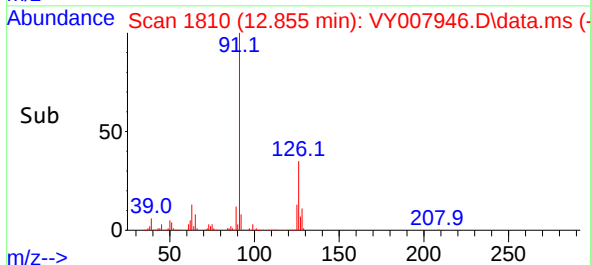
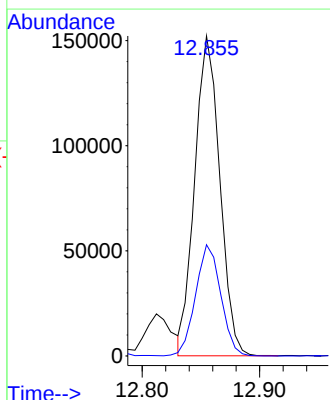
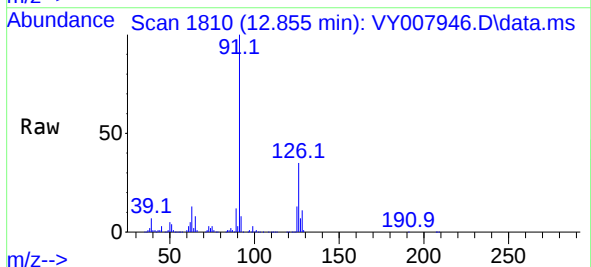
Manual Integrations
APPROVED

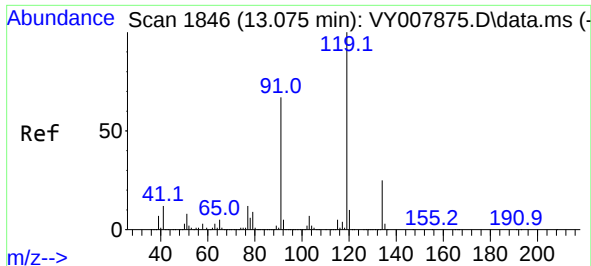
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#82
4-Chlorotoluene
Concen: 20.291 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Tgt Ion: 91 Resp: 225167
Ion Ratio Lower Upper
91 100
126 35.0 17.0 51.0





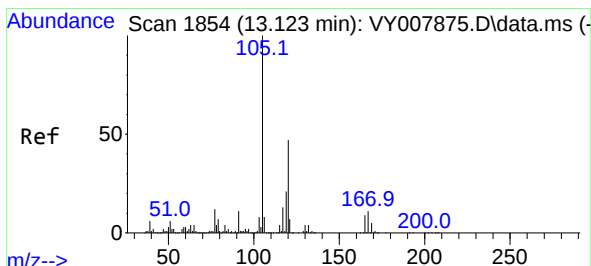
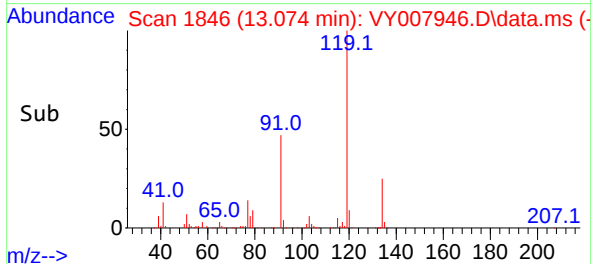
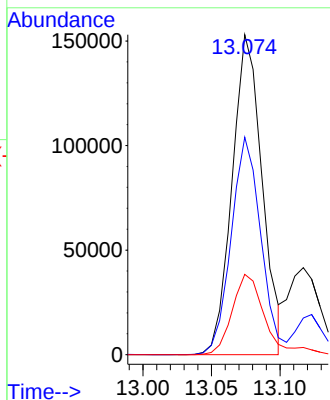
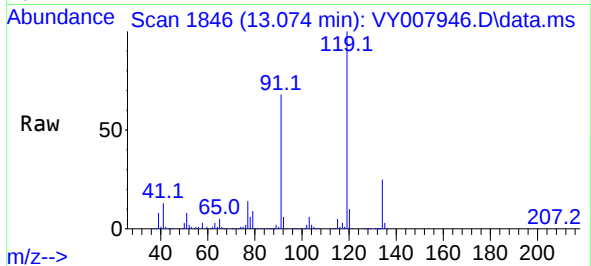
#83
tert-Butylbenzene
Concen: 20.179 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBSD01

Tgt Ion:119 Resp: 233489
Ion Ratio Lower Upper
119 100
91 67.4 34.8 104.4
134 27.4 13.3 39.9

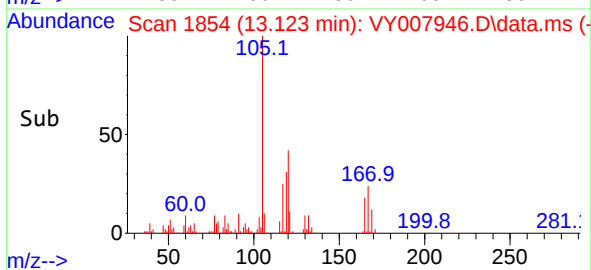
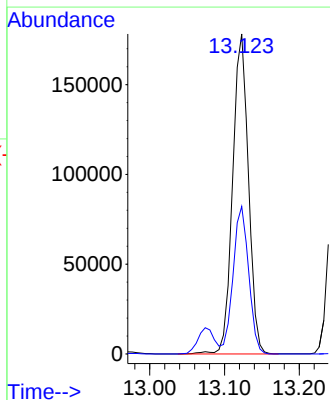
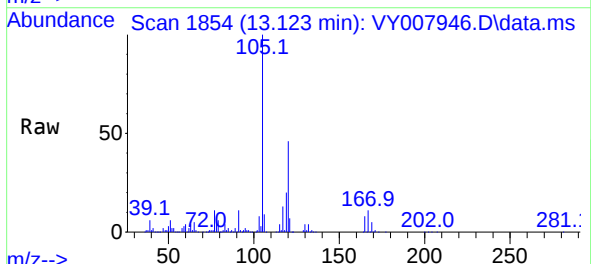
Manual Integrations
APPROVED

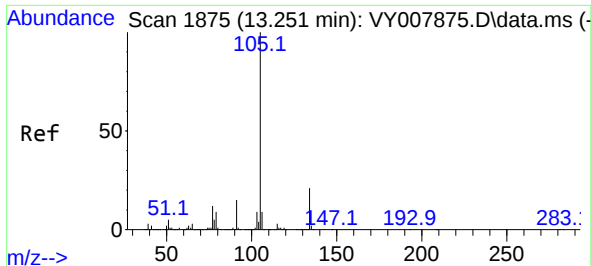
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.692 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

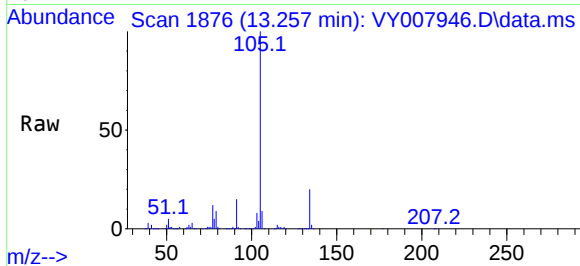
Tgt Ion:105 Resp: 262284
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 20.758 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY007946.D
 Acq: 21 Mar 2022 11:47

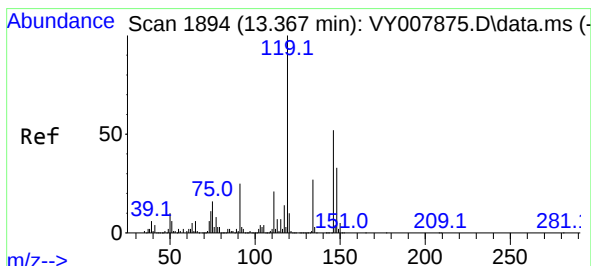
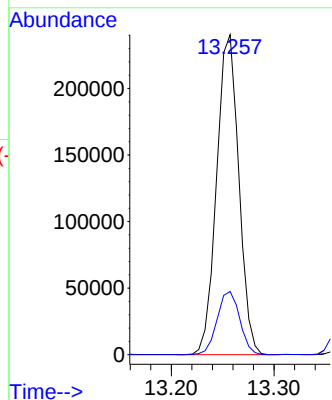
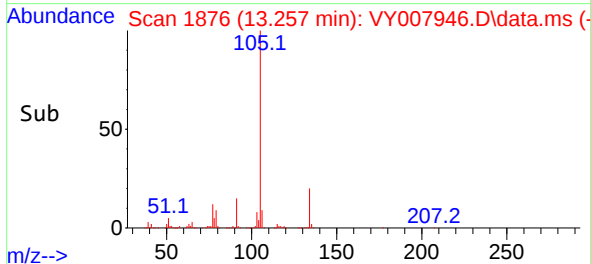
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBS01



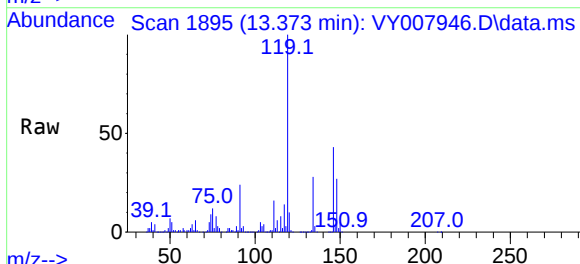
Tgt Ion:105 Resp: 359960
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

Manual Integrations
 APPROVED

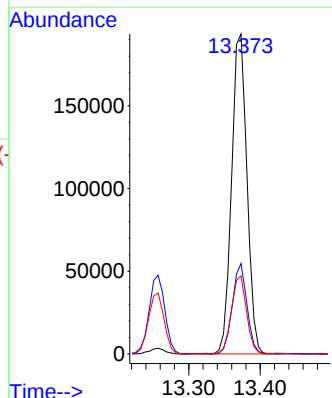
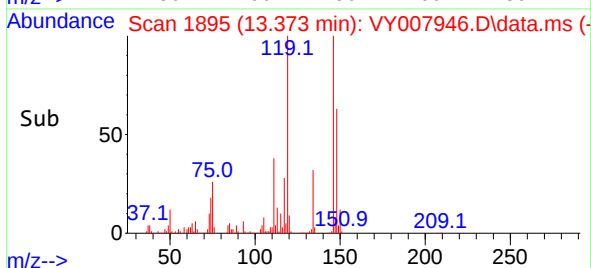
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

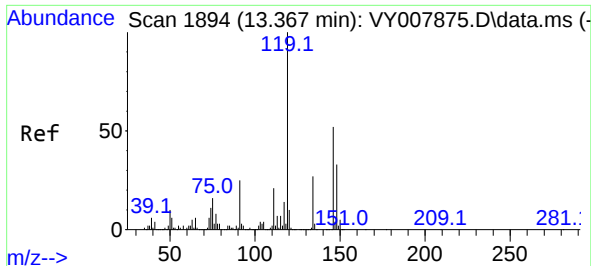


#86
 p-Isopropyltoluene
 Concen: 20.508 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY007946.D
 Acq: 21 Mar 2022 11:47



Tgt Ion:119 Resp: 288705
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 24.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.179 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY007946.D

Acq: 21 Mar 2022 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBS01

Tgt Ion:146 Resp: 141600

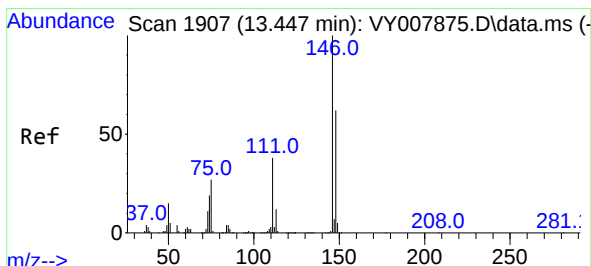
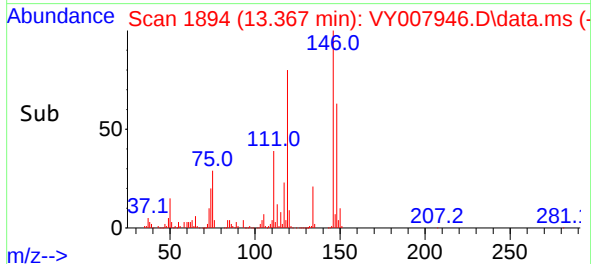
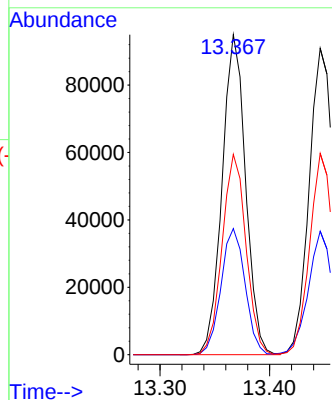
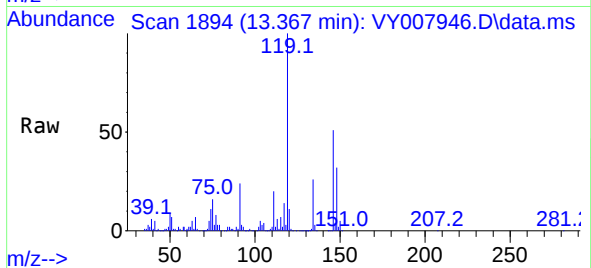
Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.5	58.5
148	63.6	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#88

1,4-Dichlorobenzene

Concen: 20.147 ug/l

RT: 13.446 min Scan# 1907

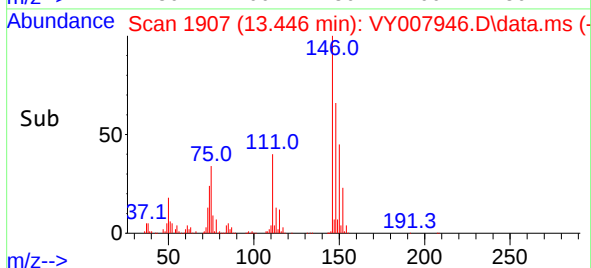
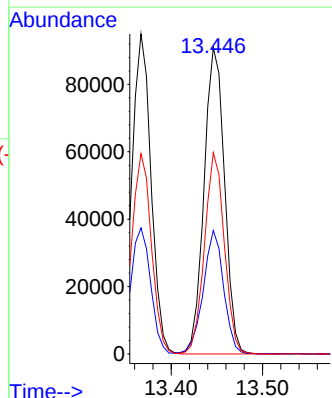
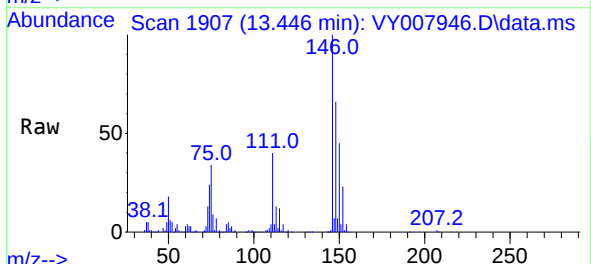
Delta R.T. -0.000 min

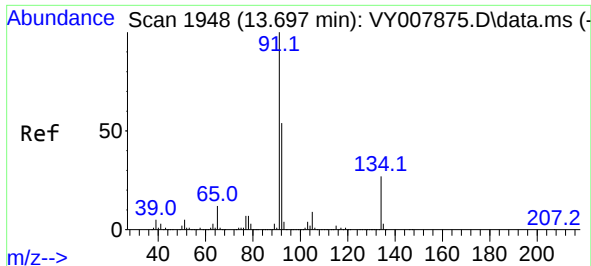
Lab File: VY007946.D

Acq: 21 Mar 2022 11:47

Tgt Ion:146 Resp: 141698

Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.3	57.8
148	63.7	32.6	97.8





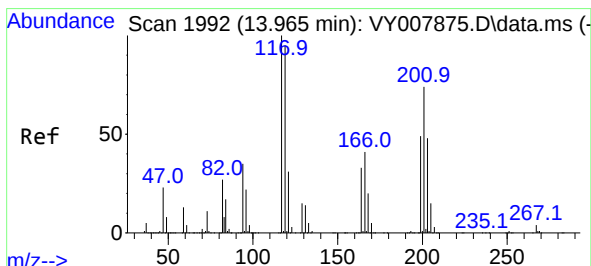
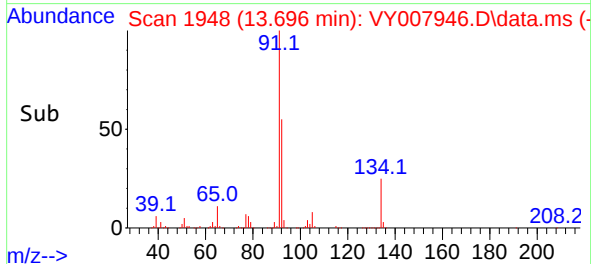
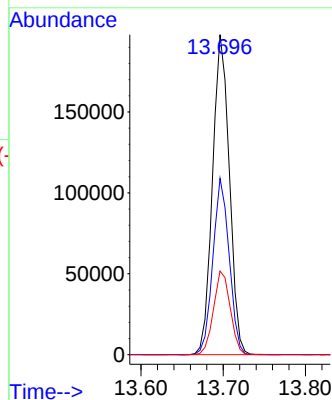
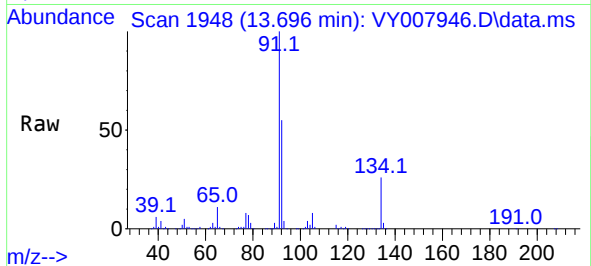
#89
n-Butylbenzene
Concen: 20.828 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01

Tgt Ion: 91 Resp: 28138
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.9
134 26.0 13.0 38.9

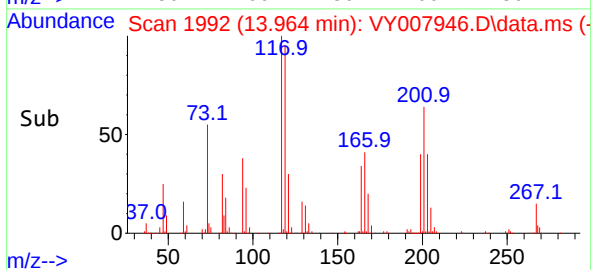
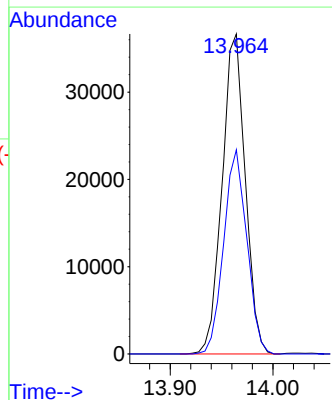
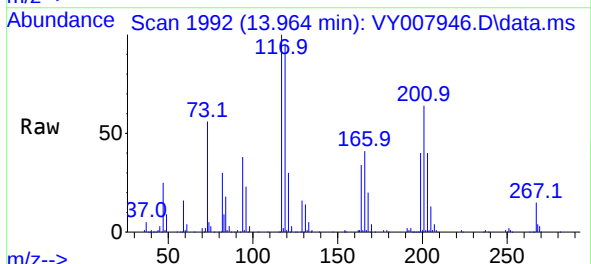
Manual Integrations
APPROVED

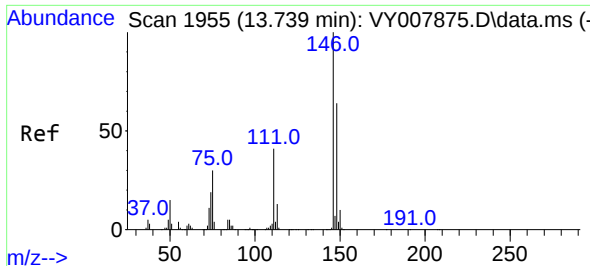
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#90
Hexachloroethane
Concen: 20.388 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

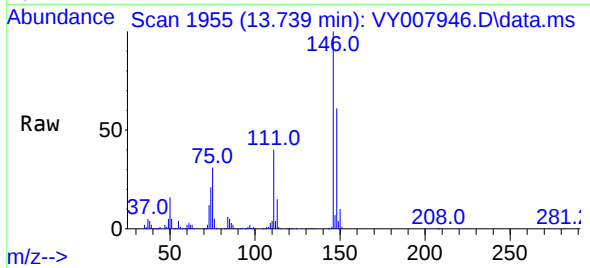
Tgt Ion:117 Resp: 57290
Ion Ratio Lower Upper
117 100
201 63.8 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 20.035 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

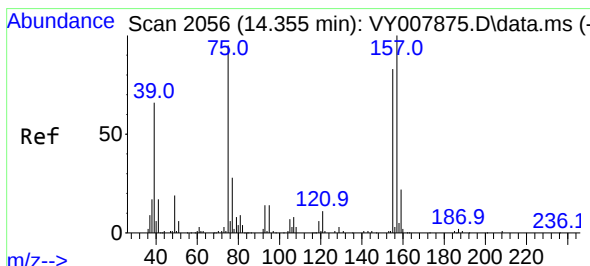
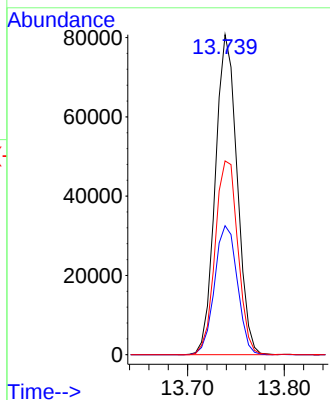
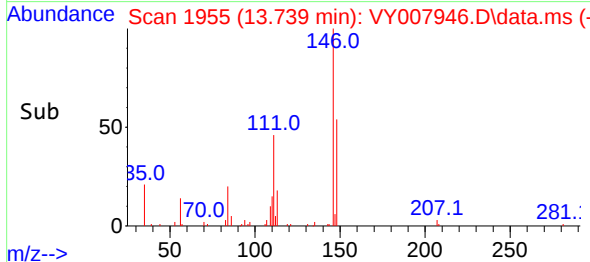
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01



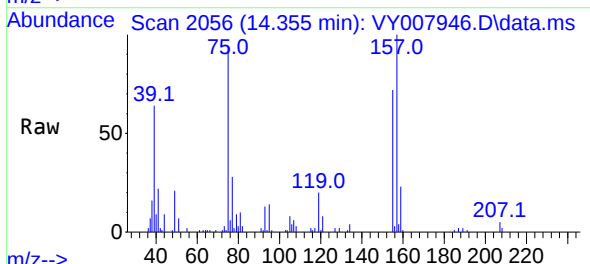
Tgt Ion:146 Resp: 126462
Ion Ratio Lower Upper
146 100
111 42.2 20.3 60.9
148 63.3 32.3 96.9

Manual Integrations
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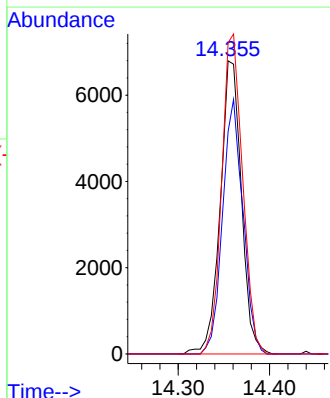
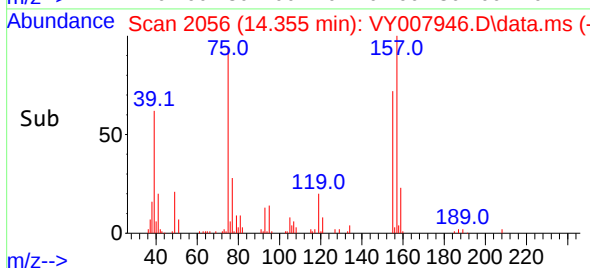
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

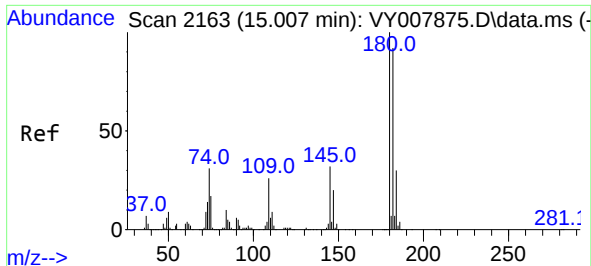


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.773 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



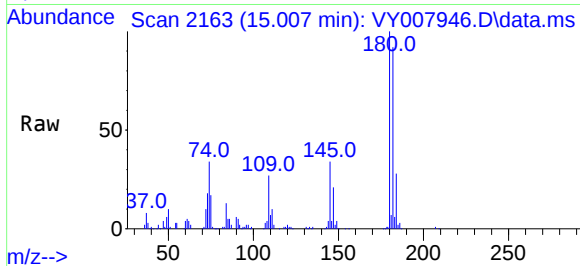
Tgt Ion: 75 Resp: 10931
Ion Ratio Lower Upper
75 100
155 83.5 38.0 113.9
157 107.8 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 18.218 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

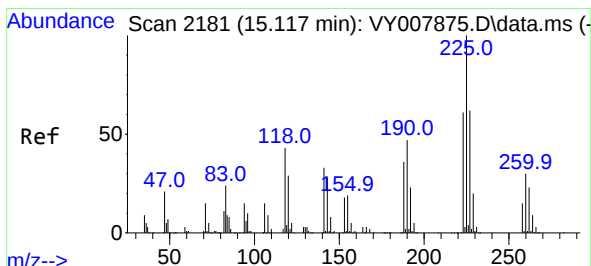
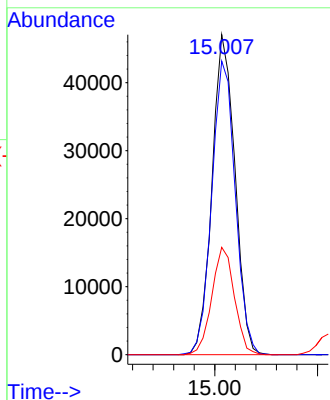
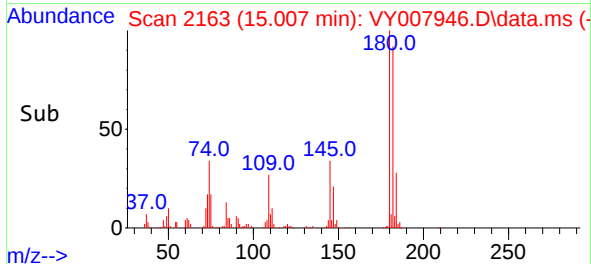
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01



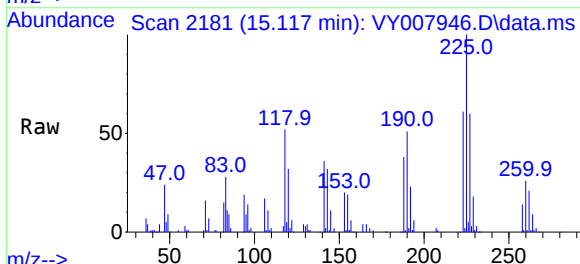
Tgt Ion:180 Resp: 72690
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.9
145 33.1 14.6 43.8

Manual Integrations
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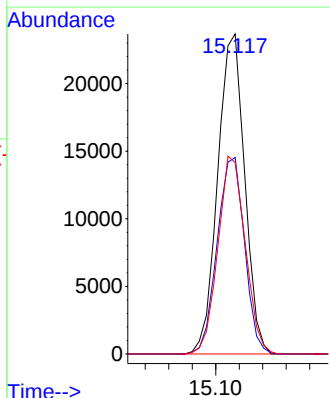
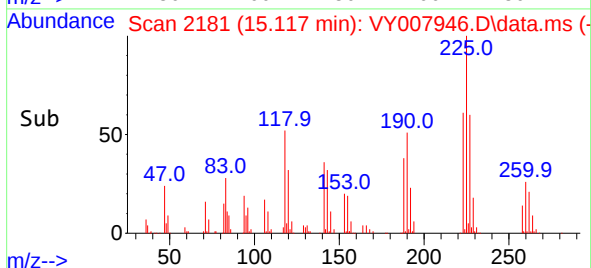
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

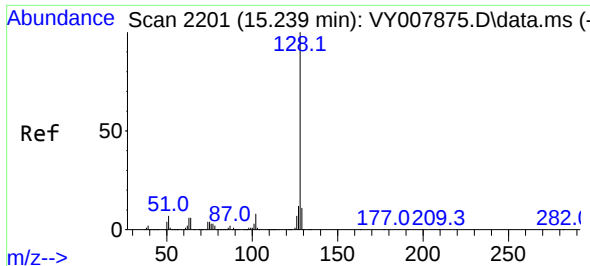


#94
Hexachlorobutadiene
Concen: 17.747 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



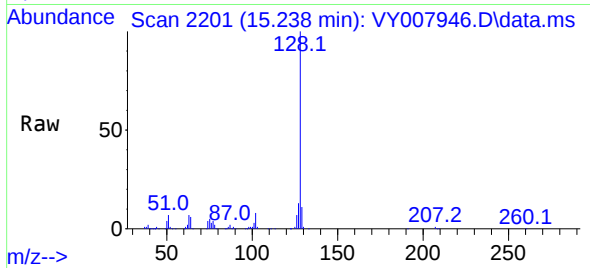
Tgt Ion:225 Resp: 37778
Ion Ratio Lower Upper
225 100
223 62.2 30.8 92.3
227 62.4 31.6 94.7





#95
Naphthalene
Concen: 18.769 ug/l
RT: 15.238 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47

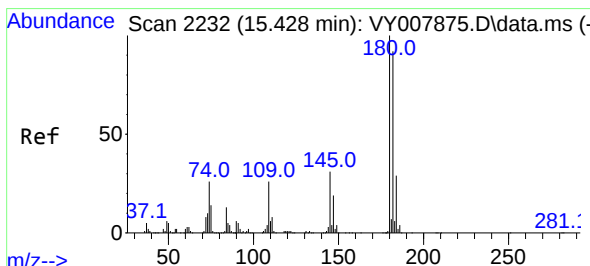
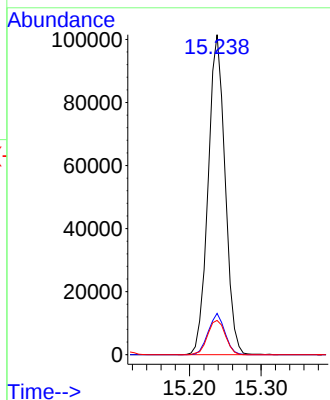
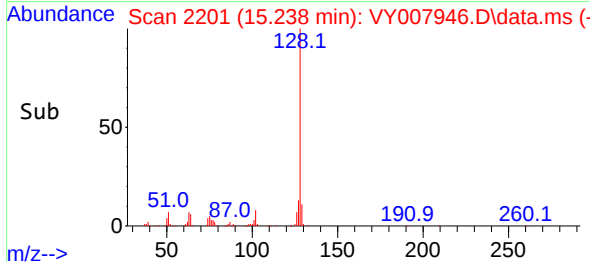
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBS01



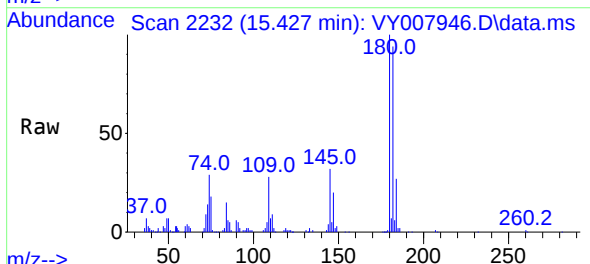
Tgt Ion:128 Resp: 16709
Ion Ratio Lower Upper
128 100
127 12.6 11.0 16.4
129 11.2 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.753 ug/l
RT: 15.427 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY007946.D
Acq: 21 Mar 2022 11:47



Tgt Ion:180 Resp: 62478
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 34.7 15.3 45.9

